SAR TEST REPORT

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

Equipment Under Test	Notebook Computer
Brand Name	HP
Model No.	HSN-I22C
Company Name	HP Inc.
Company Address	1501 Page Mill Road, Palo Alto CA 94304 USA
Standards	IEEE/ANSI C95.1-1992, IEEE 1528-2013, KDB616217D04v01r02,KDB865664D01v01r04, KDB865664D02v01r02,KDB941225D01v03r01, KDB941225D05v02r05,KDB941225D05Av01r02, KDB447498D01v06, KDB248227D01v02r02
FCC ID	B94HNI22CPK
Date of Receipt	Nov. 26, 2018
Date of Test(s)	Dec. 01, 2018 ~ Dec. 19, 2018
Date of Issue	Jan. 21, 2019

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 Electronic & Communication Laboratory or testing done by SGS Taiwan Electronic & Communication Laboratory in connection with distribution or use of the product described in this report must be approved by SGS Taiwan Electronic & Communication Laboratory in writing.

Signed on behalf of SGS

Clerk / Annie Chang	Asst. Supervisor / Afu Chen	Asst. Manager / John Yeh
Annie Chang	afu Chen	John Yeh

Date: Jan. 21, 2019

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Revision History

Report Number	Revision	Description	Issue Date
EN/2018/B0032	Rev.00	Initial creation of document	Jan. 04, 2019
EN/2018/B0032	Rev.01	Modify FCC ID & co-sar	Jan. 16, 2019
EN/2018/B0032	Rev.02	Modify FCC ID	Jan. 21, 2019

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Contents

1. General Information 4
1.1 Testing Laboratory 4
1.2 Details of Applicant 4
1.3 Description of EUT 5
1.4 Test Environment 266
1.5 Operation Description 266
1.6 The SAR Measurement System 275
1.7 System Components 277
1.8 SAR System Verification 279
1.9 Tissue Simulant Fluid for the Frequency Band 281
1.10 Evaluation Procedures 287
1.11 Probe Calibration Procedures 288
1.12 Test Standards and Limits 291
2. Summary of Results 293
3. Simultaneous Transmission Analysis 320
3.1 Estimated SAR calculation 321
3.2 SPLSR evaluation and analysis 321
4. Instruments List 433
5. Measurements 435
6. SAR System Performance Verification 497
7. DAE & Probe Calibration Certificate 519
8. Uncertainty Budget 535
9. Phantom Description 537
10.System Validation from Original Equipment Supplier 538

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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. General Information

1.1 Testing Laboratory

SGS Taiwan Ltd. Electronics & Communication Laboratory	
1F, No. 8, Alley 15, Lane 120, Sec. 1, NeiHu Road, Neihu District, Taipei City, 11493, Taiwan.	
Tel	+886-2-2299-3279
Fax	+886-2-2298-0488
Internet	http://www.tw.sgs.com/

1.2 Details of Applicant

Company Name	HP Inc.
Company Address	1501 Page Mill Road, Palo Alto CA 94304 USA

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Description of EUT

Equipment Under Test	Notebook Computer		
Brand Name	HP		
Model No.	HSN-I22C		
Integrated Module	WLAN	Brand Name : Intel Model Name : 8265NGW FCC ID : B94-8265NGWR	
	WWAN	Brand Name : Fibocom Model Name : L860-GL FCC ID : B94HNI22CPK	
Mode of Operation	☒WCDMA ☒HSDPA ☒HSUPA ☒HSPA+ ☒DC-HSDPA ☒LTE FDD ☒LTE TDD ☒WLAN802.11 a/b/g/n(20M/40M)/ac(20M/40M/80M) ☒Bluetooth		
Duty Cycle	WCDMA	1	
	LTE FDD	1	
	LTE TDD	0.633	
	WLAN802.11 a/b/g/n(20M/40M)/ ac(20M/40M/80M)	1	
	Bluetooth	1	
TX Frequency Range (MHz)	WCDMA Band II	1850 –	1910
	WCDMA Band IV	1710 –	1755
	WCDMA Band V	824 –	849
	LTE FDD Band 2	1850 –	1910
	LTE FDD Band 4	1710 –	1755
	LTE FDD Band 5	824 –	849

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TX Frequency Range (MHz)	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	2496	–	2690
	LTE FDD Band 66	1710	–	1780
	WLAN802.11 b/g/n(20M)	2412	–	2472
	WLAN802.11 n(40M)	2422	–	2462
	WLAN802.11 a/n(20M)/ac(20M) 5.2G	5180	–	5240
	WLAN802.11 n(40M)/ac(40M) 5.2G	5190	–	5230
	WLAN802.11 ac(80M) 5.2G		5210	
	WLAN802.11 a/n(20M)/ac(20M) 5.3G	5260	–	5320
	WLAN802.11 n(40M)/ac(40M) 5.3G	5270	–	5310
	WLAN802.11 ac(80M) 5.3G		5290	
	WLAN802.11 a/n/ac(20M) 5.6G	5500	–	5720
	WLAN802.11 n/ac(40M) 5.6G	5510	–	5710
	WLAN802.11 ac(80M) 5.6G	5530	–	5690
	WLAN802.11 a/n(20M)/ac(20M) 5.8G	5745	–	5825
	WLAN802.11 n(40M)/ac(40M) 5.8G	5710	–	5795
	WLAN802.11 ac(80M) 5.8G		5775	
	Bluetooth	2402	–	2480
Channel Number (ARFCN)	WCDMA Band II	9262	–	9538
	WCDMA Band IV	1312	–	1513

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Channel Number (ARFCN)	WCDMA Band V	4132	–	4233
	LTE FDD Band 2	18607	–	19193
	LTE FDD Band 4	19957	–	20393
	LTE FDD Band 5	20407	–	20643
	LTE FDD Band 7	20775	–	21425
	LTE FDD Band 12	23017	–	23173
	LTE FDD Band 13	23205	–	23255
	LTE FDD Band 14	23305	–	23355
	LTE FDD Band 17	23755	–	23825
	LTE FDD Band 25	26047	–	26683
	LTE FDD Band 26	26697	–	27033
	LTE FDD Band 30	27685	–	27735
	LTE TDD Band 38	37775	–	38225
	LTE TDD Band 41	39675	–	41565
	LTE FDD Band 66	131979	–	132665
	WLAN802.11 b/g/n(20M)	1	–	13
	WLAN802.11 n(40M)	3	–	11
	WLAN802.11 a/n(20M)/ac(20M) 5.2G	36	–	48
	WLAN802.11 n(40M)/ac(40M) 5.2G	38	–	46
	WLAN802.11 ac(80M) 5.2G		42	
	WLAN802.11 a/n(20M)/ac(20M) 5.3G	52	–	64
	WLAN802.11 n(40M)/ac(40M) 5.3G	54	–	62
	WLAN802.11 ac(80M) 5.3G		58	
	WLAN802.11 a/n/ac(20M) 5.6G	100	–	144
	WLAN802.11 n/ac(40M) 5.6G	102	–	142
	WLAN802.11 ac(80M) 5.6G	106	–	138
	WLAN802.11 a/n(20M)/ac(20M) 5.8G	149	–	165

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Channel Number (ARFCN)	WLAN802.11 n(40M)/ac(40M) 5.8G	151	–	159
	WLAN802.11 ac(80M) 5.8G	155		
	Bluetooth	0	–	78

AWAN

Max. SAR (1 g) (Unit: W/Kg)				
Band	Measured	Reported	Channel	Position
WCDMA Band II	1.38	1.41	9262	Top side
WCDMA Band IV	1.35	1.37	1513	Top side
WCDMA Band V	1.40	1.41	4132	Top side
LTE FDD Band 2	1.36	1.36	18900	Top side
LTE FDD Band 4	1.33	1.33	20300	Top side
LTE FDD Band 5	1.43	1.44	20450	Top side
LTE FDD Band 7	1.37	1.39	20850	Top side
LTE FDD Band 12	1.34	1.37	23095	Top side
LTE FDD Band 13	1.29	1.32	23230	Top side
LTE FDD Band 14	1.31	1.31	23330	Top side
LTE FDD Band 17	1.35	1.35	23800	Top side
LTE FDD Band 25	1.30	1.38	26365	Top side
LTE FDD Band 26	1.32	1.32	26965	Top side
LTE FDD Band 30	1.37	1.38	27710	Top side
LTE TDD Band 38	1.15	1.21	37850	Top side
LTE TDD Band 41	1.34	1.34	40185	Top side
LTE FDD Band 66	1.35	1.37	132572	Top side

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

HONG-BO

Max. SAR (1 g) (Unit: W/Kg)				
Band	Measured	Reported	Channel	Position
WCDMA Band II	1.27	1.30	9262	Top side
WCDMA Band IV	1.37	1.39	1513	Top side
WCDMA Band V	1.30	1.31	4132	Top side
LTE FDD Band 2	1.25	1.25	18900	Top side
LTE FDD Band 4	1.36	1.36	20300	Top side
LTE FDD Band 5	1.34	1.35	20450	Top side
LTE FDD Band 7	1.33	1.35	20850	Top side
LTE FDD Band 12	1.36	1.37	23060	Top side
LTE FDD Band 13	1.30	1.42	23230	Top side
LTE FDD Band 14	1.27	1.39	23330	Top side
LTE FDD Band 17	1.33	1.34	23780	Top side
LTE FDD Band 25	1.35	1.43	26365	Top side
LTE FDD Band 26	1.36	1.39	26865	Top side
LTE FDD Band 30	1.30	1.31	27710	Top side
LTE TDD Band 38	1.07	1.13	37850	Top side
LTE TDD Band 41	1.27	1.38	41490	Top side
LTE FDD Band 66	1.35	1.37	132572	Top side

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

AWAN

Max. SAR (1g) (Unit: W/Kg)					
Antenna	Band	Measured	Reported	Channel	Position
Main	WLAN 802.11b	0.46	0.46	1	Top side
	WLAN 802.11n(40M) 5.2G	0.47	0.47	46	Top side
	WLAN 802.11a 5.3G	0.37	0.37	60	Top side
	WLAN 802.11n(40M) 5.3G	0.41	0.41	54	Top side
	WLAN 802.11n(40M) 5.6G	0.57	0.57	102	Top side
	WLAN 802.11ac(80M) 5.6G	0.85	0.85	138	Top side
	WLAN 802.11ac(80M) 5.8G	0.90	0.90	155	Top side
Aux	WLAN 802.11b	0.75	0.75	1	Top side
	Bluetooth(GFSK)	0.15	0.15	39	Top side
	WLAN 802.11n(40M) 5.2G	0.38	0.38	38	Top side
	WLAN 802.11a 5.3G	0.47	0.47	60	Top side
	WLAN 802.11n(40M) 5.3G	0.41	0.41	54	Top side
	WLAN 802.11ac(80M) 5.6G	0.90	0.90	138	Top side
	WLAN 802.11ac(80M) 5.8G	0.78	0.78	155	Top side

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

HONG-BO

Max. SAR (1g) (Unit: W/Kg)					
Antenna	Band	Measured	Reported	Channel	Position
Main	WLAN 802.11b	0.63	0.63	1	Top side
	WLAN 802.11n(40M) 5.2G	0.85	0.85	38	Top side
	WLAN 802.11a 5.3G	0.96	0.97	64	Top side
	WLAN 802.11n(40M) 5.3G	0.88	0.88	54	Top side
	WLAN 802.11n(40M) 5.6G	1.03	1.04	134	Top side
	WLAN 802.11ac(80M) 5.6G	0.92	0.92	138	Top side
	WLAN 802.11ac(80M) 5.8G	0.96	0.96	155	Top side
Aux	WLAN 802.11b	1.19	1.19	1	Top side
	Bluetooth(GFSK)	0.27	0.27	39	Top side
	WLAN 802.11n(40M) 5.2G	0.92	0.94	46	Top side
	WLAN 802.11a 5.3G	1.00	1.01	52	Top side
	WLAN 802.11n(40M) 5.3G	0.99	0.99	54	Top side
	WLAN 802.11ac(80M) 5.6G	0.91	0.92	106	Top side
	WLAN 802.11ac(80M) 5.8G	0.77	0.77	155	Top side

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Antenna Information

WLAN

Tablet mode										
Vendor	**AWAN Corporation**									
Antenna	**Main**					**Aux**				
Part Number	6036B0234201(ANP6Y-100280)					6036B0234101(ANP6Y-100279)				
Frequency	2.4	5.2	5.3	5.6	5.8	2.4	5.2	5.3	5.6	5.8
Gain (dBi)	-3.21	0.29	-0.84	-0.18	-0.18	-3.68	-2.82	-2.44	-1.62	-1.27
NB mode										
Vendor	**AWAN Corporation**									
Antenna	**Main**					**Aux**				
Part Number	6036B0234201(ANP6Y-100280)					6036B0234101(ANP6Y-100279)				
Frequency	2.4	5.2	5.3	5.6	5.8	2.4	5.2	5.3	5.6	5.8
Gain (dBi)	-2.08	0.99	-0.17	-0.68	-1.44	0.18	-1.48	-1.36	0.25	0.44

Tablet mode										
Vendor	**HONG-BO**									
Antenna	**Main**					**Aux**				
Part Number	6036B0233101(260-27273)					6036B0233001(260-27272)				
Frequency	2.4	5.2	5.3	5.6	5.8	2.4	5.2	5.3	5.6	5.8
Gain (dBi)	-2.89	-0.32	-1.11	-2.04	1.54	-1.07	-1.65	-1.65	-1.25	-0.03
NB mode										
Vendor	**HONG-BO**									
Antenna	**Main**					**Aux**				
Part Number	6036B0233101(260-27273)					6036B0233001(260-27272)				
Frequency	2.4	5.2	5.3	5.6	5.8	2.4	5.2	5.3	5.6	5.8
Gain (dBi)	0.49	2.58	2.18	1.48	1.19	-1.13	1.32	1.99	1.89	1.89

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

WWAN

Vendor	Type	Main / Aux	Antenna Part No.	Modulation	Frequency (MHz)			Peak Antenna Gain (dBi)
Awan	PIFA	Main	6036B0232901 (ANP6Y-100277)	WCDMA / HSPA Band Ⅱ	1852.4	~	1907.6	-0.87
				WCDMA / HSPA Band Ⅳ	1712.4	~	1752.6	-0.9
				WCDMA / HSPA Band Ⅴ	826.4	~	846.6	-1.73
				LTE Band 2	1850	~	1910	-0.87
				LTE Band 4	1710	~	1755	-0.66
				LTE Band 5	824	~	849	-1.73
				LTE Band 7	2503	~	2560	-0.53
				LTE Band 12	699	~	716	-1.14
				LTE Band 13	777	~	787	-0.23
				LTE Band 14	788	~	798	-0.58
				LTE Band 17	704	~	716	-1.14
				LTE Band 25	1850	~	1915	-0.87
				LTE Band 26	824	~	849	-1.77
				LTE Band 26 Part 90S	814.7	~	823.3	-1.79
				LTE Band 30	2305	~	2315	1.92
				LTE Band 38	2570	~	2620	0.03
				LTE Band 41	2496	~	2690	0.03
				LTE Band 66	1710	~	1780	-0.66
	PIFA	Aux	6036B0232801 (ANP6Y-100278)	WCDMA / HSPA Band Ⅱ	1852.4	~	1907.6	0.76
				WCDMA / HSPA Band Ⅳ	1712.4	~	1752.6	N/A
				WCDMA / HSPA Band Ⅴ	826.4	~	846.6	N/A
				LTE Band 2	1850	~	1910	0.76
				LTE Band 4	1710	~	1755	N/A
				LTE Band 5	824	~	849	N/A
				LTE Band 7	2503	~	2560	N/A
				LTE Band 12	699	~	716	N/A
				LTE Band 13	777	~	787	N/A
				LTE Band 14	788	~	798	-2.02
				LTE Band 17	704	~	716	N/A
				LTE Band 25	1850	~	1915	-0.43
				LTE Band 26	824	~	849	N/A
				LTE Band 26 Part 90S	814.7	~	823.3	-2.6
				LTE Band 30	2305	~	2315	1.23
				LTE Band 38	2570	~	2620	-0.33
				LTE Band 41	2496	~	2690	-0.33
				LTE Band 66	1710	~	1780	N/A

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Vendor	Type	Main / Aux	Antenna Part No.	Modulation	Frequency (MHz)			Peak Antenna Gain (dBi)
HONG-BO	PIFA	Main	6036B0233801 (260-27270)	WCDMA / HSPA Band Ⅱ	1852.4	~	1907.6	0.79
				WCDMA / HSPA Band Ⅳ	1712.4	~	1752.6	-0.27
				WCDMA / HSPA Band Ⅴ	826.4	~	846.6	-2.06
				LTE Band 2	1850	~	1910	0.85
				LTE Band 4	1710	~	1755	-0.27
				LTE Band 5	824	~	849	-2.06
				LTE Band 7	2503	~	2560	1.25
				LTE Band 12	699	~	716	-0.63
				LTE Band 13	777	~	787	0.01
				LTE Band 14	788	~	798	-0.5
				LTE Band 17	704	~	716	-0.97
				LTE Band 25	1850	~	1915	0.85
				LTE Band 26	824	~	849	-2.06
				LTE Band 26 Part 90S	814.7	~	823.3	-2.06
				LTE Band 30	2305	~	2315	3.37
				LTE Band 38	2570	~	2620	2.96
				LTE Band 41	2496	~	2690	2.96
				LTE Band 66	1710	~	1780	-0.27
	PIFA	Aux	6036B0233901 (260-27271)	WCDMA / HSPA Band Ⅱ	1852.4	~	1907.6	0.97
				WCDMA / HSPA Band Ⅳ	1712.4	~	1752.6	N/A
				WCDMA / HSPA Band Ⅴ	826.4	~	846.6	N/A
				LTE Band 2	1850	~	1910	0.97
				LTE Band 4	1710	~	1755	N/A
				LTE Band 5	824	~	849	N/A
				LTE Band 7	2503	~	2560	N/A
				LTE Band 12	699	~	716	N/A
				LTE Band 13	777	~	787	N/A
				LTE Band 14	788	~	798	-5.25
				LTE Band 17	704	~	716	N/A
				LTE Band 25	1850	~	1915	0.79
				LTE Band 26	824	~	849	N/A
				LTE Band 26 Part 90S	814.7	~	823.3	-5.57
				LTE Band 30	2305	~	2315	-1.28
				LTE Band 38	2570	~	2620	-4.32
				LTE Band 41	2496	~	2690	-0.95
				LTE Band 66	1710	~	1780	N/A

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

WCDMA Band II / Band IV / Band V - HSDPA / HSUPA / HSPA+ / DC-HSDPA conducted power table (Full power):

Unit: dBm

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	24.08	24.29	24.09
3GPP Rel 5	HSDPA Subtest-1	24.04	24.23	24.05
	HSDPA Subtest-2	23.02	23.21	23.06
	HSDPA Subtest-3	22.48	22.69	22.52
	HSDPA Subtest-4	22.22	22.41	22.27
3GPP Rel 6	HSUPA Subtest-1	24.02	24.21	24.03
	HSUPA Subtest-2	22.49	22.71	22.57
	HSUPA Subtest-3	23.01	23.21	23.05
	HSUPA Subtest-4	22.41	22.70	22.52
	HSUPA Subtest-5	23.98	24.22	24.01
3GPP Rel 7	HSPA+	22.46	22.76	22.56
3GPP Rel 8	DC-HSDPA Subtest-1	24.03	24.16	24.01
	DC-HSDPA Subtest-2	22.94	23.20	23.00
	DC-HSDPA Subtest-3	22.46	22.61	22.50
	DC-HSDPA Subtest-4	22.21	22.34	22.19

Band		WCDMA IV		
TX Channel		1312	1412	1513
Frequency (MHz)		1712.4	1732.4	1752.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		**24.50**		
3GPP Rel 99	RMC 12.2Kbps	24.25	24.19	24.18
3GPP Rel 5	HSDPA Subtest-1	24.21	24.11	24.13
	HSDPA Subtest-2	23.16	23.03	23.12
	HSDPA Subtest-3	22.61	22.47	22.66
	HSDPA Subtest-4	22.39	22.18	22.38
3GPP Rel 6	HSUPA Subtest-1	24.18	24.15	24.11
	HSUPA Subtest-2	23.17	22.99	23.11
	HSUPA Subtest-3	22.63	22.46	22.65
	HSUPA Subtest-4	23.12	22.95	23.13
	HSUPA Subtest-5	24.13	24.11	24.10
3GPP Rel 7	HSPA+	23.14	22.93	23.13
3GPP Rel 8	DC-HSDPA Subtest-1	24.17	24.09	24.11
	DC-HSDPA Subtest-2	23.10	23.03	23.04
	DC-HSDPA Subtest-3	22.56	22.47	22.63
	DC-HSDPA Subtest-4	22.30	22.16	22.32

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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	24.09	24.14	24.08
3GPP Rel 5	HSDPA Subtest-1	24.06	24.11	24.06
	HSDPA Subtest-2	23.03	23.06	22.92
	HSDPA Subtest-3	22.52	22.54	22.34
	HSDPA Subtest-4	22.21	22.26	22.04
3GPP Rel 6	HSUPA Subtest-1	24.03	24.07	24.01
	HSUPA Subtest-2	23.03	23.05	22.89
	HSUPA Subtest-3	22.51	22.54	22.36
	HSUPA Subtest-4	23.01	23.04	22.87
	HSUPA Subtest-5	23.97	24.01	23.91
3GPP Rel 7	HSPA+	23.05	23.04	22.83
3GPP Rel 8	DC-HSDPA Subtest-1	23.97	24.09	24.06
	DC-HSDPA Subtest-2	22.94	22.99	22.91
	DC-HSDPA Subtest-3	22.52	22.48	22.33
	DC-HSDPA Subtest-4	22.13	22.26	22.03

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

WCDMA Band II / Band IV / Band V - HSDPA / HSUPA / HSPA+ / DC-HSDPA conducted power table(Reduced power):

Unit: dBm

Band		WCDMA II		
TX Channel		9262	9400	9538
Frequency (MHz)		1852.4	1880	1907.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		**19.00**		
3GPP Rel 99	RMC 12.2Kbps	18.91	18.95	18.86
3GPP Rel 5	HSDPA Subtest-1	18.78	18.86	18.84
	HSDPA Subtest-2	18.70	18.78	18.83
	HSDPA Subtest-3	18.67	18.74	18.81
	HSDPA Subtest-4	18.67	18.72	18.78
3GPP Rel 6	HSUPA Subtest-1	18.73	18.79	18.77
	HSUPA Subtest-2	18.75	18.83	18.81
	HSUPA Subtest-3	18.67	18.73	18.72
	HSUPA Subtest-4	18.77	18.87	18.82
	HSUPA Subtest-5	18.73	18.76	18.73
3GPP Rel 7	HSPA+	18.84	18.93	18.84
3GPP Rel 8	DC-HSDPA Subtest-1	18.82	18.94	18.79
	DC-HSDPA Subtest-2	18.76	18.87	18.80
	DC-HSDPA Subtest-3	18.82	18.91	18.80
	DC-HSDPA Subtest-4	18.82	18.89	18.76

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 IV		
TX Channel		1312	1412	1513
Frequency (MHz)		1712.4	1732.4	1752.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		**20.00**		
3GPP Rel 99	RMC 12.2Kbps	19.98	19.96	19.93
3GPP Rel 5	HSDPA Subtest-1	19.84	19.92	19.82
	HSDPA Subtest-2	19.83	19.76	19.85
	HSDPA Subtest-3	19.82	19.68	19.84
	HSDPA Subtest-4	19.83	19.66	19.82
3GPP Rel 6	HSUPA Subtest-1	19.86	19.79	19.87
	HSUPA Subtest-2	19.85	19.86	19.85
	HSUPA Subtest-3	19.83	19.71	19.86
	HSUPA Subtest-4	19.86	19.93	19.86
	HSUPA Subtest-5	19.84	19.72	19.84
3GPP Rel 7	HSPA+	19.80	19.68	19.83
3GPP Rel 8	DC-HSDPA Subtest-1	19.75	19.63	19.80
	DC-HSDPA Subtest-2	19.79	19.65	19.83
	DC-HSDPA Subtest-3	19.83	19.65	19.84
	DC-HSDPA Subtest-4	19.84	19.72	19.81

Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		**20.50**		
3GPP Rel 99	RMC 12.2Kbps	20.46	20.48	20.47
3GPP Rel 5	HSDPA Subtest-1	20.44	20.45	20.45
	HSDPA Subtest-2	20.42	20.41	20.29
	HSDPA Subtest-3	20.41	20.38	20.20
	HSDPA Subtest-4	20.39	20.41	20.27
3GPP Rel 6	HSUPA Subtest-1	20.42	20.35	20.36
	HSUPA Subtest-2	20.44	20.45	20.42
	HSUPA Subtest-3	20.39	20.40	20.40
	HSUPA Subtest-4	20.45	20.44	20.46
	HSUPA Subtest-5	20.40	20.41	20.27
3GPP Rel 7	HSPA+	20.32	20.41	20.23
3GPP Rel 8	DC-HSDPA Subtest-1	20.36	20.36	20.23
	DC-HSDPA Subtest-2	20.34	20.34	20.24
	DC-HSDPA Subtest-3	20.38	20.40	20.23
	DC-HSDPA Subtest-4	20.31	20.36	20.22

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Sub-Test for HSDPA

SUB-TEST	β_c	β_d	β_d (SF)	β_c/β_d	β_{HS} (Note1, Note 2)	CM (dB) (Note 3)	MPR (dB) (Note 3)
1	2/15	15/15	64	2/15	4/15	0.0	0.0
2	12/15	15/15	64	12/15	24/15	1.0	0.0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

Sub-Test for HSUPA

SUB-TEST	β_c	β_d	β_d (SF)	β_c/β_d	β_{HS} (Note1)	β_{ec}	β_{ed} (Note 5) (Note 6)	β_{ed} (SF)	β_{ed} (Codes)	CM (dB) (Note 2)	MPR (dB) (Note 2)	AG Index (Note 6)	E-TFCI
1	11/15	15/15	64	11/15	22/15	209/225	1309/225	4	1	1.0	0.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	3.0	2.0	12	67
3	15/15	9/15	64	15/9	30/15	30/15	$\beta_{ed}1$: 47/15 $\beta_{ed}2$: 47/15	4 4	2	2.0	1.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	2.0	17	71
5	15/15	15/15	64	15/15	30/15	24/15	134/15	4	1	1.0	0.0	21	81

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 FDD Band 2 / Band 4 / Band 5 / Band 7 / Band 12 / Band 13 / Band 14 / Band 17 / Band 25 / Band 26 / Band 30 / Band 66 power table (Full power):

FDD Band 2 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1860	18700	23.38	24	0
				1880	18900	23.69	24	0
				1900	19100	23.60	24	0
			50	1860	18700	23.44	24	0
				1880	18900	23.63	24	0
				1900	19100	23.45	24	0
			99	1860	18700	23.62	24	0
				1880	18900	23.56	24	0
				1900	19100	23.32	24	0
		50 RB	0	1860	18700	22.49	23	0-1
				1880	18900	22.86	23	0-1
				1900	19100	22.69	23	0-1
			25	1860	18700	22.54	23	0-1
				1880	18900	22.79	23	0-1
				1900	19100	22.73	23	0-1
			50	1860	18700	22.62	23	0-1
				1880	18900	22.81	23	0-1
				1900	19100	22.71	23	0-1
		100RB		1860	18700	22.59	23	0-1
				1880	18900	22.86	23	0-1
				1900	19100	22.80	23	0-1
	16-QAM	1 RB	0	1860	18700	22.73	23	0-1
				1880	18900	22.98	23	0-1
				1900	19100	22.82	23	0-1
			50	1860	18700	22.76	23	0-1
				1880	18900	22.99	23	0-1
				1900	19100	22.92	23	0-1
			99	1860	18700	22.96	23	0-1
				1880	18900	22.95	23	0-1
				1900	19100	22.68	23	0-1
		50 RB	0	1860	18700	21.55	22	0-2
				1880	18900	21.90	22	0-2
				1900	19100	21.72	22	0-2
			25	1860	18700	21.57	22	0-2
				1880	18900	21.84	22	0-2
				1900	19100	21.76	22	0-2
			50	1860	18700	21.63	22	0-2
				1880	18900	21.85	22	0-2
				1900	19100	21.77	22	0-2
		100RB		1860	18700	21.61	22	0-2
				1880	18900	21.87	22	0-2
				1900	19100	21.82	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	1860	18700	21.68	22	0-2
				1880	18900	21.95	22	0-2
				1900	19100	21.74	22	0-2
			50	1860	18700	21.74	22	0-2
				1880	18900	21.95	22	0-2
				1900	19100	21.85	22	0-2
			99	1860	18700	21.91	22	0-2
				1880	18900	21.91	22	0-2
				1900	19100	21.62	22	0-2
		50 RB	0	1860	18700	20.48	21	0-3
				1880	18900	20.88	21	0-3
				1900	19100	20.71	21	0-3
			25	1860	18700	20.57	21	0-3
				1880	18900	20.78	21	0-3
				1900	19100	20.74	21	0-3
			50	1860	18700	20.54	21	0-3
				1880	18900	20.75	21	0-3
				1900	19100	20.68	21	0-3
		100RB		1860	18700	20.56	21	0-3
				1880	18900	20.87	21	0-3
				1900	19100	20.72	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	1857.5	18675	23.34	24	0
				1880	18900	23.45	24	0
				1902.5	19125	23.43	24	0
			36	1857.5	18675	23.21	24	0
				1880	18900	23.52	24	0
				1902.5	19125	23.52	24	0
			74	1857.5	18675	23.42	24	0
				1880	18900	23.40	24	0
				1902.5	19125	23.12	24	0
		36 RB	0	1857.5	18675	22.32	23	0-1
				1880	18900	22.80	23	0-1
				1902.5	19125	22.63	23	0-1
			18	1857.5	18675	22.37	23	0-1
				1880	18900	22.69	23	0-1
				1902.5	19125	22.68	23	0-1
			37	1857.5	18675	22.52	23	0-1
				1880	18900	22.78	23	0-1
				1902.5	19125	22.67	23	0-1
		75RB		1857.5	18675	22.47	23	0-1
				1880	18900	22.66	23	0-1
				1902.5	19125	22.72	23	0-1
	16-QAM	1 RB	0	1857.5	18675	22.65	23	0-1
				1880	18900	23.00	23	0-1
				1902.5	19125	22.79	23	0-1
			36	1857.5	18675	22.56	23	0-1
				1880	18900	22.87	23	0-1
				1902.5	19125	22.74	23	0-1
			74	1857.5	18675	22.85	23	0-1
				1880	18900	22.96	23	0-1
				1902.5	19125	22.54	23	0-1
		36 RB	0	1857.5	18675	21.48	22	0-2
				1880	18900	21.69	22	0-2
				1902.5	19125	21.66	22	0-2
			18	1857.5	18675	21.47	22	0-2
				1880	18900	21.77	22	0-2
				1902.5	19125	21.70	22	0-2
			37	1857.5	18675	21.48	22	0-2
				1880	18900	21.67	22	0-2
				1902.5	19125	21.70	22	0-2
		75RB		1857.5	18675	21.58	22	0-2
				1880	18900	21.77	22	0-2
				1902.5	19125	21.70	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	1857.5	18675	21.64	22	0-2
				1880	18900	21.90	22	0-2
				1902.5	19125	21.72	22	0-2
			36	1857.5	18675	21.52	22	0-2
				1880	18900	21.85	22	0-2
				1902.5	19125	21.74	22	0-2
			74	1857.5	18675	21.83	22	0-2
				1880	18900	21.96	22	0-2
				1902.5	19125	21.50	22	0-2
		36 RB	0	1857.5	18675	20.46	21	0-3
				1880	18900	20.69	21	0-3
				1902.5	19125	20.64	21	0-3
			18	1857.5	18675	20.44	21	0-3
				1880	18900	20.70	21	0-3
				1902.5	19125	20.66	21	0-3
			37	1857.5	18675	20.42	21	0-3
				1880	18900	20.63	21	0-3
				1902.5	19125	20.61	21	0-3
		75RB		1857.5	18675	20.58	21	0-3
				1880	18900	20.71	21	0-3
				1902.5	19125	20.61	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1855	18650	23.31	24	0
				1880	18900	23.24	24	0
				1905	19150	23.24	24	0
			25	1855	18650	23.08	24	0
				1880	18900	23.48	24	0
				1905	19150	23.37	24	0
			49	1855	18650	23.39	24	0
				1880	18900	23.31	24	0
				1905	19150	22.91	24	0
		25 RB	0	1855	18650	22.29	23	0-1
				1880	18900	22.71	23	0-1
				1905	19150	22.49	23	0-1
			12	1855	18650	22.28	23	0-1
				1880	18900	22.54	23	0-1
				1905	19150	22.49	23	0-1
			25	1855	18650	22.37	23	0-1
				1880	18900	22.66	23	0-1
				1905	19150	22.49	23	0-1
		50RB		1855	18650	22.36	23	0-1
				1880	18900	22.51	23	0-1
				1905	19150	22.61	23	0-1
	16-QAM	1 RB	0	1855	18650	22.46	23	0-1
				1880	18900	22.90	23	0-1
				1905	19150	22.76	23	0-1
			25	1855	18650	22.38	23	0-1
				1880	18900	22.71	23	0-1
				1905	19150	22.70	23	0-1
			49	1855	18650	22.68	23	0-1
				1880	18900	22.89	23	0-1
				1905	19150	22.40	23	0-1
		25 RB	0	1855	18650	21.39	22	0-2
				1880	18900	21.57	22	0-2
				1905	19150	21.51	22	0-2
			12	1855	18650	21.28	22	0-2
				1880	18900	21.62	22	0-2
				1905	19150	21.68	22	0-2
			25	1855	18650	21.40	22	0-2
				1880	18900	21.64	22	0-2
				1905	19150	21.62	22	0-2
		50RB		1855	18650	21.56	22	0-2
				1880	18900	21.65	22	0-2
				1905	19150	21.64	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	1855	18650	21.46	22	0-2
				1880	18900	21.87	22	0-2
				1905	19150	21.74	22	0-2
			25	1855	18650	21.33	22	0-2
				1880	18900	21.64	22	0-2
				1905	19150	21.70	22	0-2
			49	1855	18650	21.59	22	0-2
				1880	18900	21.80	22	0-2
				1905	19150	21.35	22	0-2
		25 RB	0	1855	18650	20.32	21	0-3
				1880	18900	20.54	21	0-3
				1905	19150	20.41	21	0-3
			12	1855	18650	20.23	21	0-3
				1880	18900	20.59	21	0-3
				1905	19150	20.67	21	0-3
			25	1855	18650	20.35	21	0-3
				1880	18900	20.59	21	0-3
				1905	19150	20.61	21	0-3
		50RB		1855	18650	20.52	21	0-3
				1880	18900	20.64	21	0-3
				1905	19150	20.60	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1852.5	18625	23.22	24	0
				1880	18900	23.13	24	0
				1907.5	19175	23.08	24	0
			12	1852.5	18625	22.87	24	0
				1880	18900	23.32	24	0
				1907.5	19175	23.32	24	0
			24	1852.5	18625	23.30	24	0
				1880	18900	23.19	24	0
				1907.5	19175	22.81	24	0
		12 RB	0	1852.5	18625	22.10	23	0-1
				1880	18900	22.56	23	0-1
				1907.5	19175	22.33	23	0-1
			6	1852.5	18625	22.16	23	0-1
				1880	18900	22.34	23	0-1
				1907.5	19175	22.42	23	0-1
			13	1852.5	18625	22.20	23	0-1
				1880	18900	22.60	23	0-1
				1907.5	19175	22.41	23	0-1
		25RB		1852.5	18625	22.22	23	0-1
				1880	18900	22.43	23	0-1
				1907.5	19175	22.44	23	0-1
	16-QAM	1 RB	0	1852.5	18625	22.38	23	0-1
				1880	18900	22.81	23	0-1
				1907.5	19175	22.68	23	0-1
			12	1852.5	18625	22.36	23	0-1
				1880	18900	22.55	23	0-1
				1907.5	19175	22.66	23	0-1
			24	1852.5	18625	22.47	23	0-1
				1880	18900	22.74	23	0-1
				1907.5	19175	22.23	23	0-1
		12 RB	0	1852.5	18625	21.31	22	0-2
				1880	18900	21.38	22	0-2
				1907.5	19175	21.41	22	0-2
			6	1852.5	18625	21.07	22	0-2
				1880	18900	21.41	22	0-2
				1907.5	19175	21.58	22	0-2
			13	1852.5	18625	21.25	22	0-2
				1880	18900	21.45	22	0-2
				1907.5	19175	21.42	22	0-2
		25RB		1852.5	18625	21.50	22	0-2
				1880	18900	21.47	22	0-2
				1907.5	19175	21.56	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	1852.5	18625	21.36	22	0-2
				1880	18900	21.78	22	0-2
				1907.5	19175	21.58	22	0-2
			12	1852.5	18625	21.29	22	0-2
				1880	18900	21.46	22	0-2
				1907.5	19175	21.62	22	0-2
			24	1852.5	18625	21.46	22	0-2
				1880	18900	21.66	22	0-2
				1907.5	19175	21.16	22	0-2
		12 RB	0	1852.5	18625	20.27	21	0-3
				1880	18900	20.36	21	0-3
				1907.5	19175	20.39	21	0-3
			6	1852.5	18625	20.02	21	0-3
				1880	18900	20.31	21	0-3
				1907.5	19175	20.54	21	0-3
			13	1852.5	18625	20.24	21	0-3
				1880	18900	20.41	21	0-3
				1907.5	19175	20.36	21	0-3
		25RB		1852.5	18625	20.42	21	0-3
				1880	18900	20.43	21	0-3
				1907.5	19175	20.49	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1851.5	18615	23.04	24	0
				1880	18900	23.08	24	0
				1908.5	19185	22.92	24	0
			7	1851.5	18615	22.82	24	0
				1880	18900	23.14	24	0
				1908.5	19185	23.25	24	0
			14	1851.5	18615	23.21	24	0
				1880	18900	23.17	24	0
				1908.5	19185	22.68	24	0
		8 RB	0	1851.5	18615	21.92	23	0-1
				1880	18900	22.51	23	0-1
				1908.5	19185	22.29	23	0-1
			4	1851.5	18615	21.96	23	0-1
				1880	18900	22.26	23	0-1
				1908.5	19185	22.38	23	0-1
			7	1851.5	18615	22.05	23	0-1
				1880	18900	22.52	23	0-1
				1908.5	19185	22.20	23	0-1
		15RB		1851.5	18615	22.05	23	0-1
				1880	18900	22.24	23	0-1
				1908.5	19185	22.27	23	0-1
	16-QAM	1 RB	0	1851.5	18615	22.24	23	0-1
				1880	18900	22.70	23	0-1
				1908.5	19185	22.62	23	0-1
			7	1851.5	18615	22.32	23	0-1
				1880	18900	22.46	23	0-1
				1908.5	19185	22.60	23	0-1
			14	1851.5	18615	22.42	23	0-1
				1880	18900	22.63	23	0-1
				1908.5	19185	22.17	23	0-1
		8 RB	0	1851.5	18615	21.23	22	0-2
				1880	18900	21.35	22	0-2
				1908.5	19185	21.30	22	0-2
			4	1851.5	18615	21.00	22	0-2
				1880	18900	21.36	22	0-2
				1908.5	19185	21.42	22	0-2
			7	1851.5	18615	21.13	22	0-2
				1880	18900	21.33	22	0-2
				1908.5	19185	21.30	22	0-2
		15RB		1851.5	18615	21.44	22	0-2
				1880	18900	21.26	22	0-2
				1908.5	19185	21.35	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	1851.5	18615	21.19	22	0-2
				1880	18900	21.61	22	0-2
				1908.5	19185	21.52	22	0-2
			7	1851.5	18615	21.24	22	0-2
				1880	18900	21.37	22	0-2
				1908.5	19185	21.58	22	0-2
			14	1851.5	18615	21.41	22	0-2
				1880	18900	21.55	22	0-2
				1908.5	19185	21.13	22	0-2
		8 RB	0	1851.5	18615	20.21	21	0-3
				1880	18900	20.30	21	0-3
				1908.5	19185	20.26	21	0-3
			4	1851.5	18615	19.92	21	0-3
				1880	18900	20.36	21	0-3
				1908.5	19185	20.33	21	0-3
			7	1851.5	18615	20.04	21	0-3
				1880	18900	20.28	21	0-3
				1908.5	19185	20.30	21	0-3
		15RB		1851.5	18615	20.35	21	0-3
				1880	18900	20.16	21	0-3
				1908.5	19185	20.25	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1850.7	18607	23.35	24	0
				1880	18900	23.54	24	0
				1909.3	19193	23.17	24	0
			2	1850.7	18607	23.31	24	0
				1880	18900	23.41	24	0
				1909.3	19193	23.09	24	0
			5	1850.7	18607	23.37	24	0
				1880	18900	23.43	24	0
				1909.3	19193	23.05	24	0
		3 RB	0	1850.7	18607	22.83	24	0-1
				1880	18900	22.97	24	0-1
				1909.3	19193	22.58	24	0-1
			2	1850.7	18607	22.84	24	0-1
				1880	18900	22.89	24	0-1
				1909.3	19193	22.54	24	0-1
			3	1850.7	18607	22.84	24	0-1
				1880	18900	22.90	24	0-1
				1909.3	19193	22.86	24	0-1
		6RB		1850.7	18607	22.34	23	0-1
				1880	18900	22.64	23	0-1
				1909.3	19193	22.15	23	0-1
	16-QAM	1 RB	0	1850.7	18607	22.56	23	0-1
				1880	18900	22.93	23	0-1
				1909.3	19193	22.36	23	0-1
			2	1850.7	18607	22.45	23	0-1
				1880	18900	22.89	23	0-1
				1909.3	19193	22.22	23	0-1
			5	1850.7	18607	22.55	23	0-1
				1880	18900	22.82	23	0-1
				1909.3	19193	22.46	23	0-1
		3 RB	0	1850.7	18607	22.58	23	0-2
				1880	18900	22.93	23	0-2
				1909.3	19193	22.27	23	0-2
			2	1850.7	18607	22.54	23	0-2
				1880	18900	22.91	23	0-2
				1909.3	19193	22.31	23	0-2
			3	1850.7	18607	22.56	23	0-2
				1880	18900	22.88	23	0-2
				1909.3	19193	22.33	23	0-2
		6RB		1850.7	18607	21.62	22	0-2
				1880	18900	21.87	22	0-2
				1909.3	19193	21.42	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	1850.7	18607	21.51	22	0-2
				1880	18900	21.84	22	0-2
				1909.3	19193	21.34	22	0-2
			2	1850.7	18607	21.43	22	0-2
				1880	18900	21.87	22	0-2
				1909.3	19193	21.16	22	0-2
			5	1850.7	18607	21.52	22	0-2
				1880	18900	21.79	22	0-2
				1909.3	19193	21.40	22	0-2
		3 RB	0	1850.7	18607	21.50	22	0-3
				1880	18900	21.83	22	0-3
				1909.3	19193	21.25	22	0-3
			2	1850.7	18607	21.53	22	0-3
				1880	18900	21.81	22	0-3
				1909.3	19193	21.24	22	0-3
			3	1850.7	18607	21.52	22	0-3
				1880	18900	21.79	22	0-3
				1909.3	19193	21.28	22	0-3
		6RB		1850.7	18607	20.59	21	0-3
				1880	18900	20.80	21	0-3
				1909.3	19193	20.39	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1860	18700	18.76	19	0
				1880	18900	18.99	19	0
				1900	19100	18.89	19	0
			50	1860	18700	18.74	19	0
				1880	18900	18.97	19	0
				1900	19100	18.86	19	0
			99	1860	18700	18.89	19	0
				1880	18900	18.89	19	0
				1900	19100	18.88	19	0
		50 RB	0	1860	18700	18.63	19	0
				1880	18900	18.92	19	0
				1900	19100	18.79	19	0
			25	1860	18700	18.69	19	0
				1880	18900	18.89	19	0
				1900	19100	18.80	19	0
			50	1860	18700	18.72	19	0
				1880	18900	18.77	19	0
				1900	19100	18.74	19	0
		100RB		1860	18700	18.73	19	0
				1880	18900	18.96	19	0
				1900	19100	18.89	19	0
	16-QAM	1 RB	0	1860	18700	18.64	19	0
				1880	18900	18.95	19	0
				1900	19100	18.68	19	0
			50	1860	18700	18.65	19	0
				1880	18900	18.88	19	0
				1900	19100	18.64	19	0
			99	1860	18700	18.85	19	0
				1880	18900	18.78	19	0
				1900	19100	18.80	19	0
		50 RB	0	1860	18700	18.46	19	0
				1880	18900	18.72	19	0
				1900	19100	18.62	19	0
			25	1860	18700	18.62	19	0
				1880	18900	18.83	19	0
				1900	19100	18.69	19	0
			50	1860	18700	18.50	19	0
				1880	18900	18.74	19	0
				1900	19100	18.69	19	0
		100RB		1860	18700	18.68	19	0
				1880	18900	18.86	19	0
				1900	19100	18.75	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	1860	18700	18.65	19	0
				1880	18900	18.82	19	0
				1900	19100	18.76	19	0
			50	1860	18700	18.56	19	0
				1880	18900	18.77	19	0
				1900	19100	18.74	19	0
			99	1860	18700	18.69	19	0
				1880	18900	18.82	19	0
				1900	19100	18.79	19	0
		50 RB	0	1860	18700	18.60	19	0
				1880	18900	18.82	19	0
				1900	19100	18.70	19	0
			25	1860	18700	18.57	19	0
				1880	18900	18.83	19	0
				1900	19100	18.74	19	0
			50	1860	18700	18.61	19	0
				1880	18900	18.64	19	0
				1900	19100	18.52	19	0
		100RB		1860	18700	18.67	19	0
				1880	18900	18.78	19	0
				1900	19100	18.82	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	1857.5	18675	18.58	19	0
				1880	18900	18.82	19	0
				1902.5	19125	18.75	19	0
			36	1857.5	18675	18.67	19	0
				1880	18900	18.93	19	0
				1902.5	19125	18.83	19	0
			74	1857.5	18675	18.74	19	0
				1880	18900	18.68	19	0
				1902.5	19125	18.78	19	0
		36 RB	0	1857.5	18675	18.51	19	0
				1880	18900	18.82	19	0
				1902.5	19125	18.75	19	0
			18	1857.5	18675	18.58	19	0
				1880	18900	18.74	19	0
				1902.5	19125	18.60	19	0
			37	1857.5	18675	18.63	19	0
				1880	18900	18.73	19	0
				1902.5	19125	18.59	19	0
		75RB		1857.5	18675	18.65	19	0
				1880	18900	18.74	19	0
				1902.5	19125	18.73	19	0
	16-QAM	1 RB	0	1857.5	18675	18.52	19	0
				1880	18900	18.91	19	0
				1902.5	19125	18.62	19	0
			36	1857.5	18675	18.54	19	0
				1880	18900	18.74	19	0
				1902.5	19125	18.59	19	0
			74	1857.5	18675	18.63	19	0
				1880	18900	18.67	19	0
				1902.5	19125	18.77	19	0
		36 RB	0	1857.5	18675	18.35	19	0
				1880	18900	18.53	19	0
				1902.5	19125	18.54	19	0
			18	1857.5	18675	18.41	19	0
				1880	18900	18.68	19	0
				1902.5	19125	18.58	19	0
			37	1857.5	18675	18.36	19	0
				1880	18900	18.63	19	0
				1902.5	19125	18.66	19	0
		75RB		1857.5	18675	18.58	19	0
				1880	18900	18.79	19	0
				1902.5	19125	18.71	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	1857.5	18675	18.59	19	0
				1880	18900	18.74	19	0
				1902.5	19125	18.73	19	0
			36	1857.5	18675	18.40	19	0
				1880	18900	18.58	19	0
				1902.5	19125	18.63	19	0
			74	1857.5	18675	18.49	19	0
				1880	18900	18.63	19	0
				1902.5	19125	18.70	19	0
		36 RB	0	1857.5	18675	18.57	19	0
				1880	18900	18.61	19	0
				1902.5	19125	18.50	19	0
			18	1857.5	18675	18.46	19	0
				1880	18900	18.74	19	0
				1902.5	19125	18.58	19	0
			37	1857.5	18675	18.45	19	0
				1880	18900	18.42	19	0
				1902.5	19125	18.48	19	0
		75RB		1857.5	18675	18.57	19	0
				1880	18900	18.56	19	0
				1902.5	19125	18.62	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1855	18650	18.55	19	0
				1880	18900	18.83	19	0
				1905	19150	18.72	19	0
			25	1855	18650	18.54	19	0
				1880	18900	18.83	19	0
				1905	19150	18.75	19	0
			49	1855	18650	18.80	19	0
				1880	18900	18.86	19	0
				1905	19150	18.69	19	0
		25 RB	0	1855	18650	18.42	19	0
				1880	18900	18.85	19	0
				1905	19150	18.62	19	0
			12	1855	18650	18.55	19	0
				1880	18900	18.78	19	0
				1905	19150	18.71	19	0
			25	1855	18650	18.50	19	0
				1880	18900	18.72	19	0
				1905	19150	18.63	19	0
		50RB		1855	18650	18.57	19	0
				1880	18900	18.79	19	0
				1905	19150	18.69	19	0
	16-QAM	1 RB	0	1855	18650	18.57	19	0
				1880	18900	18.91	19	0
				1905	19150	18.52	19	0
			25	1855	18650	18.51	19	0
				1880	18900	18.77	19	0
				1905	19150	18.59	19	0
			49	1855	18650	18.65	19	0
				1880	18900	18.72	19	0
				1905	19150	18.69	19	0
		25 RB	0	1855	18650	18.34	19	0
				1880	18900	18.62	19	0
				1905	19150	18.50	19	0
			12	1855	18650	18.56	19	0
				1880	18900	18.62	19	0
				1905	19150	18.59	19	0
			25	1855	18650	18.45	19	0
				1880	18900	18.68	19	0
				1905	19150	18.58	19	0
		50RB		1855	18650	18.49	19	0
				1880	18900	18.82	19	0
				1905	19150	18.57	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	1855	18650	18.56	19	0
				1880	18900	18.66	19	0
				1905	19150	18.69	19	0
			25	1855	18650	18.37	19	0
				1880	18900	18.59	19	0
				1905	19150	18.62	19	0
			49	1855	18650	18.57	19	0
				1880	18900	18.64	19	0
				1905	19150	18.69	19	0
		25 RB	0	1855	18650	18.55	19	0
				1880	18900	18.70	19	0
				1905	19150	18.67	19	0
			12	1855	18650	18.37	19	0
				1880	18900	18.63	19	0
				1905	19150	18.70	19	0
			25	1855	18650	18.40	19	0
				1880	18900	18.57	19	0
				1905	19150	18.46	19	0
		50RB		1855	18650	18.53	19	0
				1880	18900	18.67	19	0
				1905	19150	18.60	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1852.5	18625	18.66	19	0
				1880	18900	18.91	19	0
				1907.5	19175	18.85	19	0
			12	1852.5	18625	18.56	19	0
				1880	18900	18.93	19	0
				1907.5	19175	18.82	19	0
			24	1852.5	18625	18.74	19	0
				1880	18900	18.78	19	0
				1907.5	19175	18.75	19	0
		12 RB	0	1852.5	18625	18.48	19	0
				1880	18900	18.74	19	0
				1907.5	19175	18.63	19	0
			6	1852.5	18625	18.47	19	0
				1880	18900	18.82	19	0
				1907.5	19175	18.62	19	0
			13	1852.5	18625	18.54	19	0
				1880	18900	18.70	19	0
				1907.5	19175	18.67	19	0
		25RB		1852.5	18625	18.55	19	0
				1880	18900	18.91	19	0
				1907.5	19175	18.82	19	0
	16-QAM	1 RB	0	1852.5	18625	18.45	19	0
				1880	18900	18.85	19	0
				1907.5	19175	18.46	19	0
			12	1852.5	18625	18.45	19	0
				1880	18900	18.83	19	0
				1907.5	19175	18.60	19	0
			24	1852.5	18625	18.68	19	0
				1880	18900	18.60	19	0
				1907.5	19175	18.73	19	0
		12 RB	0	1852.5	18625	18.33	19	0
				1880	18900	18.52	19	0
				1907.5	19175	18.56	19	0
			6	1852.5	18625	18.42	19	0
				1880	18900	18.70	19	0
				1907.5	19175	18.59	19	0
			13	1852.5	18625	18.39	19	0
				1880	18900	18.59	19	0
				1907.5	19175	18.63	19	0
		25RB		1852.5	18625	18.51	19	0
				1880	18900	18.72	19	0
				1907.5	19175	18.57	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	1852.5	18625	18.44	19	0
				1880	18900	18.61	19	0
				1907.5	19175	18.63	19	0
			12	1852.5	18625	18.45	19	0
				1880	18900	18.69	19	0
				1907.5	19175	18.62	19	0
			24	1852.5	18625	18.64	19	0
				1880	18900	18.66	19	0
				1907.5	19175	18.65	19	0
		12 RB	0	1852.5	18625	18.40	19	0
				1880	18900	18.77	19	0
				1907.5	19175	18.64	19	0
			6	1852.5	18625	18.49	19	0
				1880	18900	18.63	19	0
				1907.5	19175	18.66	19	0
			13	1852.5	18625	18.40	19	0
				1880	18900	18.45	19	0
				1907.5	19175	18.31	19	0
		25RB		1852.5	18625	18.59	19	0
				1880	18900	18.56	19	0
				1907.5	19175	18.76	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1851.5	18615	18.61	19	0
				1880	18900	18.96	19	0
				1908.5	19185	18.72	19	0
			7	1851.5	18615	18.69	19	0
				1880	18900	18.82	19	0
				1908.5	19185	18.69	19	0
			14	1851.5	18615	18.80	19	0
				1880	18900	18.81	19	0
				1908.5	19185	18.78	19	0
		8 RB	0	1851.5	18615	18.49	19	0
				1880	18900	18.73	19	0
				1908.5	19185	18.60	19	0
			4	1851.5	18615	18.60	19	0
				1880	18900	18.86	19	0
				1908.5	19185	18.71	19	0
			7	1851.5	18615	18.57	19	0
				1880	18900	18.68	19	0
				1908.5	19185	18.64	19	0
		15RB		1851.5	18615	18.64	19	0
				1880	18900	18.84	19	0
				1908.5	19185	18.86	19	0
	16-QAM	1 RB	0	1851.5	18615	18.47	19	0
				1880	18900	18.73	19	0
				1908.5	19185	18.61	19	0
			7	1851.5	18615	18.45	19	0
				1880	18900	18.70	19	0
				1908.5	19185	18.48	19	0
			14	1851.5	18615	18.82	19	0
				1880	18900	18.57	19	0
				1908.5	19185	18.71	19	0
		8 RB	0	1851.5	18615	18.38	19	0
				1880	18900	18.68	19	0
				1908.5	19185	18.42	19	0
			4	1851.5	18615	18.41	19	0
				1880	18900	18.79	19	0
				1908.5	19185	18.51	19	0
			7	1851.5	18615	18.28	19	0
				1880	18900	18.70	19	0
				1908.5	19185	18.56	19	0
		15RB		1851.5	18615	18.49	19	0
				1880	18900	18.67	19	0
				1908.5	19185	18.61	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	1851.5	18615	18.58	19	0
				1880	18900	18.60	19	0
				1908.5	19185	18.67	19	0
			7	1851.5	18615	18.36	19	0
				1880	18900	18.56	19	0
				1908.5	19185	18.59	19	0
			14	1851.5	18615	18.48	19	0
				1880	18900	18.61	19	0
				1908.5	19185	18.61	19	0
		8 RB	0	1851.5	18615	18.57	19	0
				1880	18900	18.75	19	0
				1908.5	19185	18.63	19	0
			4	1851.5	18615	18.53	19	0
				1880	18900	18.68	19	0
				1908.5	19185	18.69	19	0
			7	1851.5	18615	18.41	19	0
				1880	18900	18.46	19	0
				1908.5	19185	18.39	19	0
		15RB		1851.5	18615	18.51	19	0
				1880	18900	18.68	19	0
				1908.5	19185	18.75	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1850.7	18607	18.71	19	0
				1880	18900	18.78	19	0
				1909.3	19193	18.77	19	0
			2	1850.7	18607	18.65	19	0
				1880	18900	18.79	19	0
				1909.3	19193	18.70	19	0
			5	1850.7	18607	18.72	19	0
				1880	18900	18.86	19	0
				1909.3	19193	18.66	19	0
		3 RB	0	1850.7	18607	18.57	19	0
				1880	18900	18.72	19	0
				1909.3	19193	18.59	19	0
			2	1850.7	18607	18.58	19	0
				1880	18900	18.71	19	0
				1909.3	19193	18.66	19	0
			3	1850.7	18607	18.58	19	0
				1880	18900	18.61	19	0
				1909.3	19193	18.70	19	0
		6RB		1850.7	18607	18.69	19	0
				1880	18900	18.81	19	0
				1909.3	19193	18.81	19	0
	16-QAM	1 RB	0	1850.7	18607	18.55	19	0
				1880	18900	18.84	19	0
				1909.3	19193	18.50	19	0
			2	1850.7	18607	18.47	19	0
				1880	18900	18.72	19	0
				1909.3	19193	18.43	19	0
			5	1850.7	18607	18.63	19	0
				1880	18900	18.68	19	0
				1909.3	19193	18.64	19	0
		3 RB	0	1850.7	18607	18.41	19	0
				1880	18900	18.68	19	0
				1909.3	19193	18.46	19	0
			2	1850.7	18607	18.57	19	0
				1880	18900	18.70	19	0
				1909.3	19193	18.50	19	0
			3	1850.7	18607	18.38	19	0
				1880	18900	18.71	19	0
				1909.3	19193	18.63	19	0
		6RB		1850.7	18607	18.59	19	0
				1880	18900	18.72	19	0
				1909.3	19193	18.67	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 2 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	1850.7	18607	18.47	19	0
				1880	18900	18.72	19	0
				1909.3	19193	18.59	19	0
			2	1850.7	18607	18.47	19	0
				1880	18900	18.66	19	0
				1909.3	19193	18.52	19	0
			5	1850.7	18607	18.54	19	0
				1880	18900	18.72	19	0
				1909.3	19193	18.67	19	0
		3 RB	0	1850.7	18607	18.52	19	0
				1880	18900	18.73	19	0
				1909.3	19193	18.55	19	0
			2	1850.7	18607	18.41	19	0
				1880	18900	18.62	19	0
				1909.3	19193	18.67	19	0
			3	1850.7	18607	18.57	19	0
				1880	18900	18.54	19	0
				1909.3	19193	18.39	19	0
		6RB		1850.7	18607	18.62	19	0
				1880	18900	18.63	19	0
				1909.3	19193	18.72	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1720	20050	23.94	24	0
				1732.5	20175	23.96	24	0
				1745	20300	23.99	24	0
			50	1720	20050	23.97	24	0
				1732.5	20175	23.84	24	0
				1745	20300	23.88	24	0
			99	1720	20050	23.90	24	0
				1732.5	20175	23.97	24	0
				1745	20300	23.93	24	0
		50 RB	0	1720	20050	22.98	23	0-1
				1732.5	20175	22.89	23	0-1
				1745	20300	22.96	23	0-1
			25	1720	20050	22.97	23	0-1
				1732.5	20175	22.81	23	0-1
				1745	20300	22.89	23	0-1
			50	1720	20050	22.89	23	0-1
				1732.5	20175	22.91	23	0-1
				1745	20300	22.83	23	0-1
		100RB		1720	20050	22.99	23	0-1
				1732.5	20175	22.87	23	0-1
				1745	20300	22.92	23	0-1
	16-QAM	1 RB	0	1720	20050	22.97	23	0-1
				1732.5	20175	22.93	23	0-1
				1745	20300	22.94	23	0-1
			50	1720	20050	22.99	23	0-1
				1732.5	20175	22.79	23	0-1
				1745	20300	22.93	23	0-1
			99	1720	20050	23.00	23	0-1
				1732.5	20175	22.94	23	0-1
				1745	20300	23.00	23	0-1
		50 RB	0	1720	20050	21.77	22	0-2
				1732.5	20175	21.68	22	0-2
				1745	20300	21.74	22	0-2
			25	1720	20050	21.74	22	0-2
				1732.5	20175	21.61	22	0-2
				1745	20300	21.71	22	0-2
			50	1720	20050	21.67	22	0-2
				1732.5	20175	21.68	22	0-2
				1745	20300	21.63	22	0-2
		100RB		1720	20050	21.75	22	0-2
				1732.5	20175	21.66	22	0-2
				1745	20300	21.71	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	1720	20050	21.97	22	0-2
				1732.5	20175	21.90	22	0-2
				1745	20300	21.93	22	0-2
			50	1720	20050	21.96	22	0-2
				1732.5	20175	21.69	22	0-2
				1745	20300	21.86	22	0-2
			99	1720	20050	21.96	22	0-2
				1732.5	20175	21.89	22	0-2
				1745	20300	21.95	22	0-2
		50 RB	0	1720	20050	20.76	21	0-3
				1732.5	20175	20.59	21	0-3
				1745	20300	20.66	21	0-3
			25	1720	20050	20.67	21	0-3
				1732.5	20175	20.52	21	0-3
				1745	20300	20.70	21	0-3
			50	1720	20050	20.66	21	0-3
				1732.5	20175	20.59	21	0-3
				1745	20300	20.54	21	0-3
		100RB		1720	20050	20.65	21	0-3
				1732.5	20175	20.63	21	0-3
				1745	20300	20.64	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	1717.5	20025	23.55	24	0
				1732.5	20175	23.66	24	0
				1747.5	20325	23.72	24	0
			36	1717.5	20025	23.74	24	0
				1732.5	20175	23.56	24	0
				1747.5	20325	23.47	24	0
			74	1717.5	20025	23.44	24	0
				1732.5	20175	23.69	24	0
				1747.5	20325	23.57	24	0
		36 RB	0	1717.5	20025	22.54	23	0-1
				1732.5	20175	22.52	23	0-1
				1747.5	20325	22.69	23	0-1
			18	1717.5	20025	22.63	23	0-1
				1732.5	20175	22.44	23	0-1
				1747.5	20325	22.44	23	0-1
			37	1717.5	20025	22.47	23	0-1
				1732.5	20175	22.48	23	0-1
				1747.5	20325	22.52	23	0-1
		75RB		1717.5	20025	22.72	23	0-1
				1732.5	20175	22.47	23	0-1
				1747.5	20325	22.50	23	0-1
	16-QAM	1 RB	0	1717.5	20025	22.90	23	0-1
				1732.5	20175	22.91	23	0-1
				1747.5	20325	22.77	23	0-1
			36	1717.5	20025	22.92	23	0-1
				1732.5	20175	22.71	23	0-1
				1747.5	20325	22.84	23	0-1
			74	1717.5	20025	22.88	23	0-1
				1732.5	20175	22.85	23	0-1
				1747.5	20325	22.98	23	0-1
		36 RB	0	1717.5	20025	21.67	22	0-2
				1732.5	20175	21.62	22	0-2
				1747.5	20325	21.70	22	0-2
			18	1717.5	20025	21.66	22	0-2
				1732.5	20175	21.51	22	0-2
				1747.5	20325	21.61	22	0-2
			37	1717.5	20025	21.63	22	0-2
				1732.5	20175	21.57	22	0-2
				1747.5	20325	21.48	22	0-2
		75RB		1717.5	20025	21.55	22	0-2
				1732.5	20175	21.45	22	0-2
				1747.5	20325	21.58	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	1717.5	20025	21.89	22	0-2
				1732.5	20175	21.88	22	0-2
				1747.5	20325	21.73	22	0-2
			36	1717.5	20025	21.91	22	0-2
				1732.5	20175	21.69	22	0-2
				1747.5	20325	21.82	22	0-2
			74	1717.5	20025	21.85	22	0-2
				1732.5	20175	21.77	22	0-2
				1747.5	20325	21.89	22	0-2
		36 RB	0	1717.5	20025	20.66	21	0-3
				1732.5	20175	20.57	21	0-3
				1747.5	20325	20.63	21	0-3
			18	1717.5	20025	20.57	21	0-3
				1732.5	20175	20.43	21	0-3
				1747.5	20325	20.60	21	0-3
			37	1717.5	20025	20.63	21	0-3
				1732.5	20175	20.48	21	0-3
				1747.5	20325	20.39	21	0-3
		75RB		1717.5	20025	20.52	21	0-3
				1732.5	20175	20.45	21	0-3
				1747.5	20325	20.54	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1715	20000	23.42	24	0
				1732.5	20175	23.63	24	0
				1750	20350	23.51	24	0
			25	1715	20000	23.66	24	0
				1732.5	20175	23.44	24	0
				1750	20350	23.26	24	0
			49	1715	20000	23.35	24	0
				1732.5	20175	23.57	24	0
				1750	20350	23.39	24	0
		25 RB	0	1715	20000	22.34	23	0-1
				1732.5	20175	22.40	23	0-1
				1750	20350	22.49	23	0-1
			12	1715	20000	22.49	23	0-1
				1732.5	20175	22.35	23	0-1
				1750	20350	22.37	23	0-1
			25	1715	20000	22.41	23	0-1
				1732.5	20175	22.34	23	0-1
				1750	20350	22.40	23	0-1
		50RB		1715	20000	22.57	23	0-1
				1732.5	20175	22.32	23	0-1
				1750	20350	22.37	23	0-1
	16-QAM	1 RB	0	1715	20000	22.75	23	0-1
				1732.5	20175	22.80	23	0-1
				1750	20350	22.65	23	0-1
			25	1715	20000	22.79	23	0-1
				1732.5	20175	22.65	23	0-1
				1750	20350	22.74	23	0-1
			49	1715	20000	22.74	23	0-1
				1732.5	20175	22.82	23	0-1
				1750	20350	22.78	23	0-1
		25 RB	0	1715	20000	21.58	22	0-2
				1732.5	20175	21.54	22	0-2
				1750	20350	21.52	22	0-2
			12	1715	20000	21.60	22	0-2
				1732.5	20175	21.42	22	0-2
				1750	20350	21.41	22	0-2
			25	1715	20000	21.47	22	0-2
				1732.5	20175	21.53	22	0-2
				1750	20350	21.30	22	0-2
		50RB		1715	20000	21.53	22	0-2
				1732.5	20175	21.31	22	0-2
				1750	20350	21.39	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	1715	20000	21.65	22	0-2
				1732.5	20175	21.78	22	0-2
				1750	20350	21.55	22	0-2
			25	1715	20000	21.73	22	0-2
				1732.5	20175	21.63	22	0-2
				1750	20350	21.66	22	0-2
			49	1715	20000	21.70	22	0-2
				1732.5	20175	21.81	22	0-2
				1750	20350	21.72	22	0-2
		25 RB	0	1715	20000	20.48	21	0-3
				1732.5	20175	20.52	21	0-3
				1750	20350	20.46	21	0-3
			12	1715	20000	20.56	21	0-3
				1732.5	20175	20.34	21	0-3
				1750	20350	20.39	21	0-3
			25	1715	20000	20.37	21	0-3
				1732.5	20175	20.48	21	0-3
				1750	20350	20.29	21	0-3
		50RB		1715	20000	20.46	21	0-3
				1732.5	20175	20.31	21	0-3
				1750	20350	20.38	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1712.5	19975	23.27	24	0
				1732.5	20175	23.61	24	0
				1752.5	20375	23.31	24	0
			12	1712.5	19975	23.48	24	0
				1732.5	20175	23.38	24	0
				1752.5	20375	23.11	24	0
			24	1712.5	19975	23.29	24	0
				1732.5	20175	23.45	24	0
				1752.5	20375	23.18	24	0
		12 RB	0	1712.5	19975	22.13	23	0-1
				1732.5	20175	22.34	23	0-1
				1752.5	20375	22.38	23	0-1
			6	1712.5	19975	22.31	23	0-1
				1732.5	20175	22.28	23	0-1
				1752.5	20375	22.27	23	0-1
			13	1712.5	19975	22.20	23	0-1
				1732.5	20175	22.28	23	0-1
				1752.5	20375	22.24	23	0-1
		25RB		1712.5	19975	22.38	23	0-1
				1732.5	20175	22.21	23	0-1
				1752.5	20375	22.18	23	0-1
	16-QAM	1 RB	0	1712.5	19975	22.57	23	0-1
				1732.5	20175	22.61	23	0-1
				1752.5	20375	22.54	23	0-1
			12	1712.5	19975	22.74	23	0-1
				1732.5	20175	22.57	23	0-1
				1752.5	20375	22.65	23	0-1
			24	1712.5	19975	22.55	23	0-1
				1732.5	20175	22.78	23	0-1
				1752.5	20375	22.76	23	0-1
		12 RB	0	1712.5	19975	21.55	22	0-2
				1732.5	20175	21.50	22	0-2
				1752.5	20375	21.48	22	0-2
			6	1712.5	19975	21.49	22	0-2
				1732.5	20175	21.34	22	0-2
				1752.5	20375	21.21	22	0-2
			13	1712.5	19975	21.33	22	0-2
				1732.5	20175	21.48	22	0-2
				1752.5	20375	21.20	22	0-2
		25RB		1712.5	19975	21.40	22	0-2
				1732.5	20175	21.19	22	0-2
				1752.5	20375	21.37	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	1712.5	19975	21.50	22	0-2
				1732.5	20175	21.52	22	0-2
				1752.5	20375	21.44	22	0-2
			12	1712.5	19975	21.71	22	0-2
				1732.5	20175	21.51	22	0-2
				1752.5	20375	21.63	22	0-2
			24	1712.5	19975	21.52	22	0-2
				1732.5	20175	21.68	22	0-2
				1752.5	20375	21.75	22	0-2
		12 RB	0	1712.5	19975	20.47	21	0-3
				1732.5	20175	20.41	21	0-3
				1752.5	20375	20.43	21	0-3
			6	1712.5	19975	20.44	21	0-3
				1732.5	20175	20.27	21	0-3
				1752.5	20375	20.12	21	0-3
			13	1712.5	19975	20.32	21	0-3
				1732.5	20175	20.46	21	0-3
				1752.5	20375	20.18	21	0-3
		25RB		1712.5	19975	20.40	21	0-3
				1732.5	20175	20.12	21	0-3
				1752.5	20375	20.35	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1711.5	19965	23.11	24	0
				1732.5	20175	23.44	24	0
				1753.5	20385	23.10	24	0
			7	1711.5	19965	23.36	24	0
				1732.5	20175	23.25	24	0
				1753.5	20385	22.90	24	0
			14	1711.5	19965	23.18	24	0
				1732.5	20175	23.28	24	0
				1753.5	20385	23.08	24	0
		8 RB	0	1711.5	19965	22.08	23	0-1
				1732.5	20175	22.28	23	0-1
				1753.5	20385	22.22	23	0-1
			4	1711.5	19965	22.15	23	0-1
				1732.5	20175	22.10	23	0-1
				1753.5	20385	22.08	23	0-1
			7	1711.5	19965	22.08	23	0-1
				1732.5	20175	22.10	23	0-1
				1753.5	20385	22.17	23	0-1
		15RB		1711.5	19965	22.27	23	0-1
				1732.5	20175	22.14	23	0-1
				1753.5	20385	21.98	23	0-1
	16-QAM	1 RB	0	1711.5	19965	22.46	23	0-1
				1732.5	20175	22.58	23	0-1
				1753.5	20385	22.35	23	0-1
			7	1711.5	19965	22.61	23	0-1
				1732.5	20175	22.51	23	0-1
				1753.5	20385	22.49	23	0-1
			14	1711.5	19965	22.51	23	0-1
				1732.5	20175	22.57	23	0-1
				1753.5	20385	22.61	23	0-1
		8 RB	0	1711.5	19965	21.53	22	0-2
				1732.5	20175	21.30	22	0-2
				1753.5	20385	21.37	22	0-2
			4	1711.5	19965	21.37	22	0-2
				1732.5	20175	21.24	22	0-2
				1753.5	20385	21.00	22	0-2
			7	1711.5	19965	21.18	22	0-2
				1732.5	20175	21.37	22	0-2
				1753.5	20385	21.00	22	0-2
		15RB		1711.5	19965	21.22	22	0-2
				1732.5	20175	21.09	22	0-2
				1753.5	20385	21.21	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	1711.5	19965	21.36	22	0-2
				1732.5	20175	21.49	22	0-2
				1753.5	20385	21.34	22	0-2
			7	1711.5	19965	21.54	22	0-2
				1732.5	20175	21.50	22	0-2
				1753.5	20385	21.45	22	0-2
			14	1711.5	19965	21.50	22	0-2
				1732.5	20175	21.47	22	0-2
				1753.5	20385	21.53	22	0-2
		8 RB	0	1711.5	19965	20.49	21	0-3
				1732.5	20175	20.28	21	0-3
				1753.5	20385	20.36	21	0-3
			4	1711.5	19965	20.36	21	0-3
				1732.5	20175	20.19	21	0-3
				1753.5	20385	19.92	21	0-3
			7	1711.5	19965	20.11	21	0-3
				1732.5	20175	20.29	21	0-3
				1753.5	20385	20.00	21	0-3
		15RB		1711.5	19965	20.15	21	0-3
				1732.5	20175	20.02	21	0-3
				1753.5	20385	20.17	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1710.7	19957	23.54	24	0
				1732.5	20175	23.59	24	0
				1754.3	20393	23.63	24	0
			2	1710.7	19957	23.54	24	0
				1732.5	20175	23.55	24	0
				1754.3	20393	23.68	24	0
			5	1710.7	19957	23.59	24	0
				1732.5	20175	23.57	24	0
				1754.3	20393	23.70	24	0
		3 RB	0	1710.7	19957	22.92	24	0
				1732.5	20175	22.95	24	0
				1754.3	20393	22.87	24	0
			2	1710.7	19957	22.92	24	0
				1732.5	20175	22.95	24	0
				1754.3	20393	22.86	24	0
			3	1710.7	19957	22.93	24	0
				1732.5	20175	22.95	24	0
				1754.3	20393	22.89	24	0
		6RB		1710.7	19957	22.58	23	0-1
				1732.5	20175	22.60	23	0-1
				1754.3	20393	22.71	23	0-1
	16-QAM	1 RB	0	1710.7	19957	22.90	23	0-1
				1732.5	20175	22.88	23	0-1
				1754.3	20393	22.84	23	0-1
			2	1710.7	19957	22.83	23	0-1
				1732.5	20175	22.81	23	0-1
				1754.3	20393	22.93	23	0-1
			5	1710.7	19957	22.90	23	0-1
				1732.5	20175	22.88	23	0-1
				1754.3	20393	22.82	23	0-1
		3 RB	0	1710.7	19957	22.70	23	0-1
				1732.5	20175	22.69	23	0-1
				1754.3	20393	22.79	23	0-1
			2	1710.7	19957	22.67	23	0-1
				1732.5	20175	22.65	23	0-1
				1754.3	20393	22.79	23	0-1
			3	1710.7	19957	22.69	23	0-1
				1732.5	20175	22.70	23	0-1
				1754.3	20393	22.83	23	0-1
		6RB		1710.7	19957	21.69	22	0-2
				1732.5	20175	21.68	22	0-2
				1754.3	20393	21.78	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	1710.7	19957	21.86	22	0-2
				1732.5	20175	21.88	22	0-2
				1754.3	20393	21.83	22	0-2
			2	1710.7	19957	21.80	22	0-2
				1732.5	20175	21.76	22	0-2
				1754.3	20393	21.86	22	0-2
			5	1710.7	19957	21.89	22	0-2
				1732.5	20175	21.83	22	0-2
				1754.3	20393	21.80	22	0-2
		3 RB	0	1710.7	19957	21.68	22	0-2
				1732.5	20175	21.69	22	0-2
				1754.3	20393	21.69	22	0-2
			2	1710.7	19957	21.64	22	0-2
				1732.5	20175	21.58	22	0-2
				1754.3	20393	21.74	22	0-2
			3	1710.7	19957	21.68	22	0-2
				1732.5	20175	21.68	22	0-2
				1754.3	20393	21.73	22	0-2
		6RB		1710.7	19957	20.60	21	0-3
				1732.5	20175	20.60	21	0-3
				1754.3	20393	20.69	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1720	20050	19.80	20	0
				1732.5	20175	19.90	20	0
				1745	20300	19.99	20	0
			50	1720	20050	19.95	20	0
				1732.5	20175	19.78	20	0
				1745	20300	19.87	20	0
			99	1720	20050	19.86	20	0
				1732.5	20175	19.92	20	0
				1745	20300	19.95	20	0
		50 RB	0	1720	20050	19.85	20	0
				1732.5	20175	19.75	20	0
				1745	20300	19.82	20	0
			25	1720	20050	19.84	20	0
				1732.5	20175	19.68	20	0
				1745	20300	19.77	20	0
			50	1720	20050	19.77	20	0
				1732.5	20175	19.77	20	0
				1745	20300	19.73	20	0
		100RB		1720	20050	19.87	20	0
				1732.5	20175	19.75	20	0
				1745	20300	19.81	20	0
	16-QAM	1 RB	0	1720	20050	19.72	20	0
				1732.5	20175	19.77	20	0
				1745	20300	19.82	20	0
			50	1720	20050	19.83	20	0
				1732.5	20175	19.61	20	0
				1745	20300	19.71	20	0
			99	1720	20050	19.67	20	0
				1732.5	20175	19.71	20	0
				1745	20300	19.73	20	0
		50 RB	0	1720	20050	19.82	20	0
				1732.5	20175	19.62	20	0
				1745	20300	19.73	20	0
			25	1720	20050	19.80	20	0
				1732.5	20175	19.60	20	0
				1745	20300	19.56	20	0
			50	1720	20050	19.62	20	0
				1732.5	20175	19.74	20	0
				1745	20300	19.62	20	0
		100RB		1720	20050	19.68	20	0
				1732.5	20175	19.56	20	0
				1745	20300	19.66	20	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	1720	20050	19.62	20	0
				1732.5	20175	19.73	20	0
				1745	20300	19.84	20	0
			50	1720	20050	19.88	20	0
				1732.5	20175	19.67	20	0
				1745	20300	19.69	20	0
			99	1720	20050	19.76	20	0
				1732.5	20175	19.82	20	0
				1745	20300	19.92	20	0
		50 RB	0	1720	20050	19.69	20	0
				1732.5	20175	19.66	20	0
				1745	20300	19.65	20	0
			25	1720	20050	19.68	20	0
				1732.5	20175	19.46	20	0
				1745	20300	19.56	20	0
			50	1720	20050	19.71	20	0
				1732.5	20175	19.61	20	0
				1745	20300	19.70	20	0
		100RB		1720	20050	19.73	20	0
				1732.5	20175	19.55	20	0
				1745	20300	19.69	20	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	1717.5	20025	19.66	20	0
				1732.5	20175	19.70	20	0
				1747.5	20325	19.78	20	0
			36	1717.5	20025	19.73	20	0
				1732.5	20175	19.62	20	0
				1747.5	20325	19.74	20	0
			74	1717.5	20025	19.79	20	0
				1732.5	20175	19.79	20	0
				1747.5	20325	19.85	20	0
		36 RB	0	1717.5	20025	19.65	20	0
				1732.5	20175	19.71	20	0
				1747.5	20325	19.60	20	0
			18	1717.5	20025	19.67	20	0
				1732.5	20175	19.49	20	0
				1747.5	20325	19.61	20	0
			37	1717.5	20025	19.67	20	0
				1732.5	20175	19.63	20	0
				1747.5	20325	19.57	20	0
		75RB		1717.5	20025	19.71	20	0
				1732.5	20175	19.58	20	0
				1747.5	20325	19.66	20	0
	16-QAM	1 RB	0	1717.5	20025	19.69	20	0
				1732.5	20175	19.74	20	0
				1747.5	20325	19.79	20	0
			36	1717.5	20025	19.80	20	0
				1732.5	20175	19.58	20	0
				1747.5	20325	19.68	20	0
			74	1717.5	20025	19.64	20	0
				1732.5	20175	19.68	20	0
				1747.5	20325	19.70	20	0
		36 RB	0	1717.5	20025	19.79	20	0
				1732.5	20175	19.59	20	0
				1747.5	20325	19.70	20	0
			18	1717.5	20025	19.77	20	0
				1732.5	20175	19.57	20	0
				1747.5	20325	19.53	20	0
			37	1717.5	20025	19.59	20	0
				1732.5	20175	19.71	20	0
				1747.5	20325	19.59	20	0
		75RB		1717.5	20025	19.65	20	0
				1732.5	20175	19.53	20	0
				1747.5	20325	19.63	20	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	1717.5	20025	19.59	20	0
				1732.5	20175	19.70	20	0
				1747.5	20325	19.81	20	0
			36	1717.5	20025	19.85	20	0
				1732.5	20175	19.64	20	0
				1747.5	20325	19.66	20	0
			74	1717.5	20025	19.73	20	0
				1732.5	20175	19.79	20	0
				1747.5	20325	19.89	20	0
		36 RB	0	1717.5	20025	19.66	20	0
				1732.5	20175	19.63	20	0
				1747.5	20325	19.62	20	0
			18	1717.5	20025	19.65	20	0
				1732.5	20175	19.43	20	0
				1747.5	20325	19.53	20	0
			37	1717.5	20025	19.68	20	0
				1732.5	20175	19.58	20	0
				1747.5	20325	19.67	20	0
		75RB		1717.5	20025	19.70	20	0
				1732.5	20175	19.52	20	0
				1747.5	20325	19.66	20	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1715	20000	19.62	20	0
				1732.5	20175	19.81	20	0
				1750	20350	19.78	20	0
			25	1715	20000	19.77	20	0
				1732.5	20175	19.72	20	0
				1750	20350	19.72	20	0
			49	1715	20000	19.69	20	0
				1732.5	20175	19.71	20	0
				1750	20350	19.90	20	0
		25 RB	0	1715	20000	19.78	20	0
				1732.5	20175	19.67	20	0
				1750	20350	19.70	20	0
			12	1715	20000	19.65	20	0
				1732.5	20175	19.53	20	0
				1750	20350	19.62	20	0
			25	1715	20000	19.55	20	0
				1732.5	20175	19.64	20	0
				1750	20350	19.58	20	0
		50RB		1715	20000	19.74	20	0
				1732.5	20175	19.54	20	0
				1750	20350	19.67	20	0
	16-QAM	1 RB	0	1715	20000	19.69	20	0
				1732.5	20175	19.74	20	0
				1750	20350	19.79	20	0
			25	1715	20000	19.80	20	0
				1732.5	20175	19.58	20	0
				1750	20350	19.68	20	0
			49	1715	20000	19.64	20	0
				1732.5	20175	19.68	20	0
				1750	20350	19.70	20	0
		25 RB	0	1715	20000	19.79	20	0
				1732.5	20175	19.59	20	0
				1750	20350	19.70	20	0
			12	1715	20000	19.77	20	0
				1732.5	20175	19.57	20	0
				1750	20350	19.53	20	0
			25	1715	20000	19.59	20	0
				1732.5	20175	19.71	20	0
				1750	20350	19.59	20	0
		50RB		1715	20000	19.65	20	0
				1732.5	20175	19.53	20	0
				1750	20350	19.63	20	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	1715	20000	19.59	20	0
				1732.5	20175	19.70	20	0
				1750	20350	19.81	20	0
			25	1715	20000	19.85	20	0
				1732.5	20175	19.64	20	0
				1750	20350	19.66	20	0
			49	1715	20000	19.73	20	0
				1732.5	20175	19.79	20	0
				1750	20350	19.89	20	0
		25 RB	0	1715	20000	19.66	20	0
				1732.5	20175	19.63	20	0
				1750	20350	19.62	20	0
			12	1715	20000	19.65	20	0
				1732.5	20175	19.43	20	0
				1750	20350	19.53	20	0
			25	1715	20000	19.68	20	0
				1732.5	20175	19.58	20	0
				1750	20350	19.67	20	0
		50RB		1715	20000	19.70	20	0
				1732.5	20175	19.52	20	0
				1750	20350	19.66	20	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1712.5	19975	19.68	20	0
				1732.5	20175	19.77	20	0
				1752.5	20375	19.88	20	0
			12	1712.5	19975	19.89	20	0
				1732.5	20175	19.66	20	0
				1752.5	20375	19.66	20	0
			24	1712.5	19975	19.70	20	0
				1732.5	20175	19.78	20	0
				1752.5	20375	19.87	20	0
		12 RB	0	1712.5	19975	19.78	20	0
				1732.5	20175	19.58	20	0
				1752.5	20375	19.61	20	0
			6	1712.5	19975	19.70	20	0
				1732.5	20175	19.59	20	0
				1752.5	20375	19.67	20	0
			13	1712.5	19975	19.68	20	0
				1732.5	20175	19.60	20	0
				1752.5	20375	19.60	20	0
		25RB		1712.5	19975	19.83	20	0
				1732.5	20175	19.64	20	0
				1752.5	20375	19.78	20	0
	16-QAM	1 RB	0	1712.5	19975	19.69	20	0
				1732.5	20175	19.74	20	0
				1752.5	20375	19.79	20	0
			12	1712.5	19975	19.80	20	0
				1732.5	20175	19.58	20	0
				1752.5	20375	19.68	20	0
			24	1712.5	19975	19.64	20	0
				1732.5	20175	19.68	20	0
				1752.5	20375	19.70	20	0
		12 RB	0	1712.5	19975	19.79	20	0
				1732.5	20175	19.59	20	0
				1752.5	20375	19.70	20	0
			6	1712.5	19975	19.77	20	0
				1732.5	20175	19.57	20	0
				1752.5	20375	19.53	20	0
			13	1712.5	19975	19.59	20	0
				1732.5	20175	19.71	20	0
				1752.5	20375	19.59	20	0
		25RB		1712.5	19975	19.65	20	0
				1732.5	20175	19.53	20	0
				1752.5	20375	19.63	20	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	1712.5	19975	19.59	20	0
				1732.5	20175	19.70	20	0
				1752.5	20375	19.81	20	0
			12	1712.5	19975	19.85	20	0
				1732.5	20175	19.64	20	0
				1752.5	20375	19.66	20	0
			24	1712.5	19975	19.73	20	0
				1732.5	20175	19.79	20	0
				1752.5	20375	19.89	20	0
		12 RB	0	1712.5	19975	19.66	20	0
				1732.5	20175	19.63	20	0
				1752.5	20375	19.62	20	0
			6	1712.5	19975	19.65	20	0
				1732.5	20175	19.43	20	0
				1752.5	20375	19.53	20	0
			13	1712.5	19975	19.68	20	0
				1732.5	20175	19.58	20	0
				1752.5	20375	19.67	20	0
		25RB		1712.5	19975	19.70	20	0
				1732.5	20175	19.52	20	0
				1752.5	20375	19.66	20	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1711.5	19965	19.72	20	0
				1732.5	20175	19.85	20	0
				1753.5	20385	19.90	20	0
			7	1711.5	19965	19.89	20	0
				1732.5	20175	19.59	20	0
				1753.5	20385	19.73	20	0
			14	1711.5	19965	19.66	20	0
				1732.5	20175	19.82	20	0
				1753.5	20385	19.82	20	0
		8 RB	0	1711.5	19965	19.64	20	0
				1732.5	20175	19.65	20	0
				1753.5	20385	19.78	20	0
			4	1711.5	19965	19.80	20	0
				1732.5	20175	19.48	20	0
				1753.5	20385	19.55	20	0
			7	1711.5	19965	19.68	20	0
				1732.5	20175	19.70	20	0
				1753.5	20385	19.65	20	0
		15RB		1711.5	19965	19.82	20	0
				1732.5	20175	19.72	20	0
				1753.5	20385	19.59	20	0
	16-QAM	1 RB	0	1711.5	19965	19.69	20	0
				1732.5	20175	19.74	20	0
				1753.5	20385	19.79	20	0
			7	1711.5	19965	19.80	20	0
				1732.5	20175	19.58	20	0
				1753.5	20385	19.68	20	0
			14	1711.5	19965	19.64	20	0
				1732.5	20175	19.68	20	0
				1753.5	20385	19.70	20	0
		8 RB	0	1711.5	19965	19.79	20	0
				1732.5	20175	19.59	20	0
				1753.5	20385	19.70	20	0
			4	1711.5	19965	19.77	20	0
				1732.5	20175	19.57	20	0
				1753.5	20385	19.53	20	0
			7	1711.5	19965	19.59	20	0
				1732.5	20175	19.71	20	0
				1753.5	20385	19.59	20	0
		15RB		1711.5	19965	19.65	20	0
				1732.5	20175	19.53	20	0
				1753.5	20385	19.63	20	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	1711.5	19965	19.59	20	0
				1732.5	20175	19.70	20	0
				1753.5	20385	19.81	20	0
			7	1711.5	19965	19.85	20	0
				1732.5	20175	19.64	20	0
				1753.5	20385	19.66	20	0
			14	1711.5	19965	19.73	20	0
				1732.5	20175	19.79	20	0
				1753.5	20385	19.89	20	0
		8 RB	0	1711.5	19965	19.66	20	0
				1732.5	20175	19.63	20	0
				1753.5	20385	19.62	20	0
			4	1711.5	19965	19.65	20	0
				1732.5	20175	19.43	20	0
				1753.5	20385	19.53	20	0
			7	1711.5	19965	19.68	20	0
				1732.5	20175	19.58	20	0
				1753.5	20385	19.67	20	0
		15RB		1711.5	19965	19.70	20	0
				1732.5	20175	19.52	20	0
				1753.5	20385	19.66	20	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1710.7	19957	19.58	20	0
				1732.5	20175	19.69	20	0
				1754.3	20393	19.93	20	0
			2	1710.7	19957	19.89	20	0
				1732.5	20175	19.56	20	0
				1754.3	20393	19.82	20	0
			5	1710.7	19957	19.70	20	0
				1732.5	20175	19.79	20	0
				1754.3	20393	19.88	20	0
		3 RB	0	1710.7	19957	19.69	20	0
				1732.5	20175	19.58	20	0
				1754.3	20393	19.69	20	0
			2	1710.7	19957	19.66	20	0
				1732.5	20175	19.62	20	0
				1754.3	20393	19.65	20	0
			3	1710.7	19957	19.55	20	0
				1732.5	20175	19.70	20	0
				1754.3	20393	19.64	20	0
		6RB		1710.7	19957	19.69	20	0
				1732.5	20175	19.58	20	0
				1754.3	20393	19.64	20	0
	16-QAM	1 RB	0	1710.7	19957	19.69	20	0
				1732.5	20175	19.74	20	0
				1754.3	20393	19.79	20	0
			2	1710.7	19957	19.80	20	0
				1732.5	20175	19.58	20	0
				1754.3	20393	19.68	20	0
			5	1710.7	19957	19.64	20	0
				1732.5	20175	19.68	20	0
				1754.3	20393	19.70	20	0
		3 RB	0	1710.7	19957	19.79	20	0
				1732.5	20175	19.59	20	0
				1754.3	20393	19.70	20	0
			2	1710.7	19957	19.77	20	0
				1732.5	20175	19.57	20	0
				1754.3	20393	19.53	20	0
			3	1710.7	19957	19.59	20	0
				1732.5	20175	19.71	20	0
				1754.3	20393	19.59	20	0
		6RB		1710.7	19957	19.65	20	0
				1732.5	20175	19.53	20	0
				1754.3	20393	19.63	20	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 4 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	1710.7	19957	19.59	20	0
				1732.5	20175	19.70	20	0
				1754.3	20393	19.81	20	0
			2	1710.7	19957	19.85	20	0
				1732.5	20175	19.64	20	0
				1754.3	20393	19.66	20	0
			5	1710.7	19957	19.73	20	0
				1732.5	20175	19.79	20	0
				1754.3	20393	19.89	20	0
		3 RB	0	1710.7	19957	19.66	20	0
				1732.5	20175	19.63	20	0
				1754.3	20393	19.62	20	0
			2	1710.7	19957	19.65	20	0
				1732.5	20175	19.43	20	0
				1754.3	20393	19.53	20	0
			3	1710.7	19957	19.68	20	0
				1732.5	20175	19.58	20	0
				1754.3	20393	19.67	20	0
		6RB		1710.7	19957	19.70	20	0
				1732.5	20175	19.52	20	0
				1754.3	20393	19.66	20	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 5 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	829	20450	23.68	25	0
				836.5	20525	23.62	25	0
				844	20600	23.71	25	0
			25	829	20450	23.55	25	0
				836.5	20525	23.69	25	0
				844	20600	23.62	25	0
			49	829	20450	23.59	25	0
				836.5	20525	23.62	25	0
				844	20600	23.55	25	0
		25 RB	0	829	20450	22.54	24	0-1
				836.5	20525	22.62	24	0-1
				844	20600	22.65	24	0-1
			12	829	20450	22.50	24	0-1
				836.5	20525	22.65	24	0-1
				844	20600	22.66	24	0-1
			25	829	20450	22.63	24	0-1
				836.5	20525	22.60	24	0-1
				844	20600	22.74	24	0-1
		50RB		829	20450	22.51	24	0-1
				836.5	20525	22.64	24	0-1
				844	20600	22.65	24	0-1
	16-QAM	1 RB	0	829	20450	22.78	24	0-1
				836.5	20525	22.96	24	0-1
				844	20600	22.81	24	0-1
			25	829	20450	22.83	24	0-1
				836.5	20525	22.96	24	0-1
				844	20600	22.88	24	0-1
			49	829	20450	22.98	24	0-1
				836.5	20525	22.89	24	0-1
				844	20600	22.90	24	0-1
		25 RB	0	829	20450	21.65	23	0-2
				836.5	20525	21.72	23	0-2
				844	20600	21.74	23	0-2
			12	829	20450	21.59	23	0-2
				836.5	20525	21.76	23	0-2
				844	20600	21.73	23	0-2
			25	829	20450	21.74	23	0-2
				836.5	20525	21.68	23	0-2
				844	20600	21.84	23	0-2
		500RB		829	20450	21.57	23	0-2
				836.5	20525	21.69	23	0-2
				844	20600	21.67	23	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 5 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	829	20450	21.72	23	0-2
				836.5	20525	21.87	23	0-2
				844	20600	21.79	23	0-2
			25	829	20450	21.76	23	0-2
				836.5	20525	21.89	23	0-2
				844	20600	21.83	23	0-2
			49	829	20450	21.89	23	0-2
				836.5	20525	21.80	23	0-2
				844	20600	21.90	23	0-2
		25 RB	0	829	20450	20.56	22	0-3
				836.5	20525	20.68	22	0-3
				844	20600	20.71	22	0-3
			12	829	20450	20.55	22	0-3
				836.5	20525	20.75	22	0-3
				844	20600	20.65	22	0-3
			25	829	20450	20.70	22	0-3
				836.5	20525	20.66	22	0-3
				844	20600	20.76	22	0-3
		500RB		829	20450	20.53	22	0-3
				836.5	20525	20.68	22	0-3
				844	20600	20.59	22	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 5 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	826.5	20425	23.39	25	0
				836.5	20525	23.43	25	0
				846.5	20625	23.38	25	0
			12	826.5	20425	23.42	25	0
				836.5	20525	23.49	25	0
				846.5	20625	23.45	25	0
			24	826.5	20425	23.48	25	0
				836.5	20525	23.50	25	0
				846.5	20625	23.61	25	0
		12 RB	0	826.5	20425	22.35	24	0-1
				836.5	20525	22.60	24	0-1
				846.5	20625	22.53	24	0-1
			6	826.5	20425	22.40	24	0-1
				836.5	20525	22.62	24	0-1
				846.5	20625	22.49	24	0-1
			13	826.5	20425	22.61	24	0-1
				836.5	20525	22.42	24	0-1
				846.5	20625	22.57	24	0-1
		25RB		826.5	20425	22.36	24	0-1
				836.5	20525	22.54	24	0-1
				846.5	20625	22.58	24	0-1
	16-QAM	1 RB	0	826.5	20425	22.62	24	0-1
				836.5	20525	22.84	24	0-1
				846.5	20625	22.62	24	0-1
			12	826.5	20425	22.63	24	0-1
				836.5	20525	22.93	24	0-1
				846.5	20625	22.79	24	0-1
			24	826.5	20425	22.93	24	0-1
				836.5	20525	22.81	24	0-1
				846.5	20625	22.87	24	0-1
		12 RB	0	826.5	20425	21.62	23	0-2
				836.5	20525	21.58	23	0-2
				846.5	20625	21.68	23	0-2
			6	826.5	20425	21.41	23	0-2
				836.5	20525	21.72	23	0-2
				846.5	20625	21.70	23	0-2
			13	826.5	20425	21.70	23	0-2
				836.5	20525	21.58	23	0-2
				846.5	20625	21.65	23	0-2
		25RB		826.5	20425	21.50	23	0-2
				836.5	20525	21.61	23	0-2
				846.5	20625	21.49	23	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 5 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	826.5	20425	21.52	23	0-2
				836.5	20525	21.79	23	0-2
				846.5	20625	21.62	23	0-2
			12	826.5	20425	21.62	23	0-2
				836.5	20525	21.91	23	0-2
				846.5	20625	21.75	23	0-2
			24	826.5	20425	21.85	23	0-2
				836.5	20525	21.76	23	0-2
				846.5	20625	21.82	23	0-2
		12 RB	0	826.5	20425	20.54	22	0-3
				836.5	20525	20.58	22	0-3
				846.5	20625	20.59	22	0-3
			6	826.5	20425	20.36	22	0-3
				836.5	20525	20.65	22	0-3
				846.5	20625	20.61	22	0-3
			13	826.5	20425	20.68	22	0-3
				836.5	20525	20.51	22	0-3
				846.5	20625	20.60	22	0-3
		25RB		826.5	20425	20.49	22	0-3
				836.5	20525	20.58	22	0-3
				846.5	20625	20.41	22	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 5 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	825.5	20415	23.21	25	0
				836.5	20525	23.27	25	0
				847.5	20635	23.19	25	0
			7	825.5	20415	23.37	25	0
				836.5	20525	23.35	25	0
				847.5	20635	23.42	25	0
			14	825.5	20415	23.31	25	0
				836.5	20525	23.32	25	0
				847.5	20635	23.51	25	0
		8 RB	0	825.5	20415	22.17	24	0-1
				836.5	20525	22.42	24	0-1
				847.5	20635	22.51	24	0-1
			4	825.5	20415	22.32	24	0-1
				836.5	20525	22.55	24	0-1
				847.5	20635	22.36	24	0-1
			7	825.5	20415	22.49	24	0-1
				836.5	20525	22.39	24	0-1
				847.5	20635	22.46	24	0-1
		15RB		825.5	20415	22.28	24	0-1
				836.5	20525	22.38	24	0-1
				847.5	20635	22.45	24	0-1
	16-QAM	1 RB	0	825.5	20415	22.48	24	0-1
				836.5	20525	22.81	24	0-1
				847.5	20635	22.51	24	0-1
			7	825.5	20415	22.48	24	0-1
				836.5	20525	22.72	24	0-1
				847.5	20635	22.59	24	0-1
			14	825.5	20415	22.85	24	0-1
				836.5	20525	22.63	24	0-1
				847.5	20635	22.70	24	0-1
		8 RB	0	825.5	20415	21.49	23	0-2
				836.5	20525	21.45	23	0-2
				847.5	20635	21.57	23	0-2
			4	825.5	20415	21.35	23	0-2
				836.5	20525	21.53	23	0-2
				847.5	20635	21.64	23	0-2
			7	825.5	20415	21.67	23	0-2
				836.5	20525	21.42	23	0-2
				847.5	20635	21.55	23	0-2
		15RB		825.5	20415	21.39	23	0-2
				836.5	20525	21.57	23	0-2
				847.5	20635	21.43	23	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 5 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	825.5	20415	21.44	23	0-2
				836.5	20525	21.81	23	0-2
				847.5	20635	21.41	23	0-2
			7	825.5	20415	21.39	23	0-2
				836.5	20525	21.69	23	0-2
				847.5	20635	21.58	23	0-2
			14	825.5	20415	21.75	23	0-2
				836.5	20525	21.61	23	0-2
				847.5	20635	21.61	23	0-2
		8 RB	0	825.5	20415	20.40	22	0-3
				836.5	20525	20.35	22	0-3
				847.5	20635	20.55	22	0-3
			4	825.5	20415	20.26	22	0-3
				836.5	20525	20.53	22	0-3
				847.5	20635	20.63	22	0-3
			7	825.5	20415	20.64	22	0-3
				836.5	20525	20.42	22	0-3
				847.5	20635	20.54	22	0-3
		15RB		825.5	20415	20.36	22	0-3
				836.5	20525	20.48	22	0-3
				847.5	20635	20.41	22	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 5 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	824.7	20407	23.30	25	0
				836.5	20525	23.37	25	0
				848.3	20643	23.47	25	0
			2	824.7	20407	23.25	25	0
				836.5	20525	23.34	25	0
				848.3	20643	23.40	25	0
			5	824.7	20407	23.30	25	0
				836.5	20525	23.38	25	0
				848.3	20643	23.44	25	0
		3 RB	0	824.7	20407	23.27	25	0
				836.5	20525	23.34	25	0
				848.3	20643	23.41	25	0
			2	824.7	20407	23.26	25	0
				836.5	20525	23.34	25	0
				848.3	20643	23.38	25	0
			3	824.7	20407	23.25	25	0
				836.5	20525	23.34	25	0
				848.3	20643	23.38	25	0
		6RB		824.7	20407	22.27	24	0-1
				836.5	20525	22.37	24	0-1
				848.3	20643	22.43	24	0-1
	16-QAM	1 RB	0	824.7	20407	22.58	24	0-1
				836.5	20525	22.64	24	0-1
				848.3	20643	22.68	24	0-1
			2	824.7	20407	22.49	24	0-1
				836.5	20525	22.60	24	0-1
				848.3	20643	22.60	24	0-1
			5	824.7	20407	22.58	24	0-1
				836.5	20525	22.65	24	0-1
				848.3	20643	22.58	24	0-1
		3 RB	0	824.7	20407	22.35	24	0-1
				836.5	20525	22.43	24	0-1
				848.3	20643	22.51	24	0-1
			2	824.7	20407	22.36	24	0-1
				836.5	20525	22.40	24	0-1
				848.3	20643	22.40	24	0-1
			3	824.7	20407	22.34	24	0-1
				836.5	20525	22.41	24	0-1
				848.3	20643	22.42	24	0-1
		6RB		824.7	20407	21.33	23	0-2
				836.5	20525	21.41	23	0-2
				848.3	20643	21.40	23	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 5 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	824.7	20407	21.52	23	0-2
				836.5	20525	21.57	23	0-2
				848.3	20643	21.66	23	0-2
			2	824.7	20407	21.42	23	0-2
				836.5	20525	21.58	23	0-2
				848.3	20643	21.54	23	0-2
			5	824.7	20407	21.50	23	0-2
				836.5	20525	21.64	23	0-2
				848.3	20643	21.49	23	0-2
		3 RB	0	824.7	20407	21.30	23	0-2
				836.5	20525	21.42	23	0-2
				848.3	20643	21.50	23	0-2
			2	824.7	20407	21.34	23	0-2
				836.5	20525	21.40	23	0-2
				848.3	20643	21.34	23	0-2
			3	824.7	20407	21.25	23	0-2
				836.5	20525	21.41	23	0-2
				848.3	20643	21.34	23	0-2
		6RB		824.7	20407	20.32	22	0-3
				836.5	20525	20.41	22	0-3
				848.3	20643	20.31	22	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 5 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	829	20450	20.98	21	0
				836.5	20525	20.74	21	0
				844	20600	20.99	21	0
			25	829	20450	20.74	21	0
				836.5	20525	20.86	21	0
				844	20600	20.88	21	0
			49	829	20450	20.86	21	0
				836.5	20525	20.84	21	0
				844	20600	20.77	21	0
		25 RB	0	829	20450	20.73	21	0
				836.5	20525	20.79	21	0
				844	20600	20.84	21	0
			12	829	20450	20.70	21	0
				836.5	20525	20.82	21	0
				844	20600	20.84	21	0
			25	829	20450	20.82	21	0
				836.5	20525	20.78	21	0
				844	20600	20.93	21	0
		50RB		829	20450	20.70	21	0
				836.5	20525	20.81	21	0
				844	20600	20.85	21	0
	16-QAM	1 RB	0	829	20450	20.80	21	0
				836.5	20525	20.55	21	0
				844	20600	20.81	21	0
			25	829	20450	20.58	21	0
				836.5	20525	20.65	21	0
				844	20600	20.70	21	0
			49	829	20450	20.74	21	0
				836.5	20525	20.80	21	0
				844	20600	20.59	21	0
		25 RB	0	829	20450	20.65	21	0
				836.5	20525	20.58	21	0
				844	20600	20.80	21	0
			12	829	20450	20.67	21	0
				836.5	20525	20.67	21	0
				844	20600	20.67	21	0
			25	829	20450	20.63	21	0
				836.5	20525	20.73	21	0
				844	20600	20.89	21	0
		500RB		829	20450	20.50	21	0
				836.5	20525	20.66	21	0
				844	20600	20.80	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 5 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	829	20450	20.84	21	0
				836.5	20525	20.60	21	0
				844	20600	20.82	21	0
			25	829	20450	20.58	21	0
				836.5	20525	20.65	21	0
				844	20600	20.73	21	0
			49	829	20450	20.72	21	0
				836.5	20525	20.70	21	0
				844	20600	20.57	21	0
		25 RB	0	829	20450	20.62	21	0
				836.5	20525	20.67	21	0
				844	20600	20.70	21	0
			12	829	20450	20.64	21	0
				836.5	20525	20.64	21	0
				844	20600	20.67	21	0
			25	829	20450	20.60	21	0
				836.5	20525	20.71	21	0
				844	20600	20.81	21	0
		500RB		829	20450	20.60	21	0
				836.5	20525	20.74	21	0
				844	20600	20.76	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 5 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	826.5	20425	20.91	21	0
				836.5	20525	20.59	21	0
				846.5	20625	20.79	21	0
			12	826.5	20425	20.56	21	0
				836.5	20525	20.79	21	0
				846.5	20625	20.66	21	0
			24	826.5	20425	20.75	21	0
				836.5	20525	20.72	21	0
				846.5	20625	20.64	21	0
		12 RB	0	826.5	20425	20.60	21	0
				836.5	20525	20.60	21	0
				846.5	20625	20.63	21	0
			6	826.5	20425	20.59	21	0
				836.5	20525	20.69	21	0
				846.5	20625	20.75	21	0
			13	826.5	20425	20.69	21	0
				836.5	20525	20.56	21	0
				846.5	20625	20.80	21	0
		25RB		826.5	20425	20.56	21	0
				836.5	20525	20.68	21	0
				846.5	20625	20.79	21	0
	16-QAM	1 RB	0	826.5	20425	20.75	21	0
				836.5	20525	20.51	21	0
				846.5	20625	20.71	21	0
			12	826.5	20425	20.39	21	0
				836.5	20525	20.53	21	0
				846.5	20625	20.56	21	0
			24	826.5	20425	20.61	21	0
				836.5	20525	20.73	21	0
				846.5	20625	20.40	21	0
		12 RB	0	826.5	20425	20.45	21	0
				836.5	20525	20.49	21	0
				846.5	20625	20.68	21	0
			6	826.5	20425	20.46	21	0
				836.5	20525	20.62	21	0
				846.5	20625	20.55	21	0
			13	826.5	20425	20.57	21	0
				836.5	20525	20.58	21	0
				846.5	20625	20.70	21	0
		25RB		826.5	20425	20.30	21	0
				836.5	20525	20.47	21	0
				846.5	20625	20.73	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 5 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	826.5	20425	20.68	21	0
				836.5	20525	20.55	21	0
				846.5	20625	20.60	21	0
			12	826.5	20425	20.42	21	0
				836.5	20525	20.46	21	0
				846.5	20625	20.65	21	0
			24	826.5	20425	20.67	21	0
				836.5	20525	20.60	21	0
				846.5	20625	20.47	21	0
		12 RB	0	826.5	20425	20.43	21	0
				836.5	20525	20.47	21	0
				846.5	20625	20.63	21	0
			6	826.5	20425	20.60	21	0
				836.5	20525	20.52	21	0
				846.5	20625	20.51	21	0
			13	826.5	20425	20.45	21	0
				836.5	20525	20.68	21	0
				846.5	20625	20.62	21	0
		25RB		826.5	20425	20.54	21	0
				836.5	20525	20.57	21	0
				846.5	20625	20.59	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 5 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	825.5	20415	20.88	21	0
				836.5	20525	20.62	21	0
				847.5	20635	20.91	21	0
			7	825.5	20415	20.56	21	0
				836.5	20525	20.67	21	0
				847.5	20635	20.67	21	0
			14	825.5	20415	20.68	21	0
				836.5	20525	20.67	21	0
				847.5	20635	20.65	21	0
		8 RB	0	825.5	20415	20.66	21	0
				836.5	20525	20.70	21	0
				847.5	20635	20.73	21	0
			4	825.5	20415	20.67	21	0
				836.5	20525	20.68	21	0
				847.5	20635	20.74	21	0
			7	825.5	20415	20.74	21	0
				836.5	20525	20.60	21	0
				847.5	20635	20.88	21	0
		15RB		825.5	20415	20.63	21	0
				836.5	20525	20.74	21	0
				847.5	20635	20.81	21	0
	16-QAM	1 RB	0	825.5	20415	20.69	21	0
				836.5	20525	20.39	21	0
				847.5	20635	20.67	21	0
			7	825.5	20415	20.49	21	0
				836.5	20525	20.50	21	0
				847.5	20635	20.56	21	0
			14	825.5	20415	20.66	21	0
				836.5	20525	20.63	21	0
				847.5	20635	20.52	21	0
		8 RB	0	825.5	20415	20.50	21	0
				836.5	20525	20.47	21	0
				847.5	20635	20.59	21	0
			4	825.5	20415	20.56	21	0
				836.5	20525	20.56	21	0
				847.5	20635	20.64	21	0
			7	825.5	20415	20.57	21	0
				836.5	20525	20.58	21	0
				847.5	20635	20.79	21	0
		15RB		825.5	20415	20.39	21	0
				836.5	20525	20.46	21	0
				847.5	20635	20.60	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 5 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	825.5	20415	20.78	21	0
				836.5	20525	20.47	21	0
				847.5	20635	20.67	21	0
			7	825.5	20415	20.42	21	0
				836.5	20525	20.51	21	0
				847.5	20635	20.61	21	0
			14	825.5	20415	20.61	21	0
				836.5	20525	20.53	21	0
				847.5	20635	20.48	21	0
		8 RB	0	825.5	20415	20.41	21	0
				836.5	20525	20.45	21	0
				847.5	20635	20.62	21	0
			4	825.5	20415	20.60	21	0
				836.5	20525	20.58	21	0
				847.5	20635	20.47	21	0
			7	825.5	20415	20.45	21	0
				836.5	20525	20.61	21	0
				847.5	20635	20.61	21	0
		15RB		825.5	20415	20.42	21	0
				836.5	20525	20.62	21	0
				847.5	20635	20.67	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 5 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	824.7	20407	20.93	21	0
				836.5	20525	20.55	21	0
				848.3	20643	20.84	21	0
			2	824.7	20407	20.57	21	0
				836.5	20525	20.70	21	0
				848.3	20643	20.66	21	0
			5	824.7	20407	20.73	21	0
				836.5	20525	20.79	21	0
				848.3	20643	20.67	21	0
		3 RB	0	824.7	20407	20.55	21	0
				836.5	20525	20.70	21	0
				848.3	20643	20.75	21	0
			2	824.7	20407	20.61	21	0
				836.5	20525	20.78	21	0
				848.3	20643	20.80	21	0
			3	824.7	20407	20.77	21	0
				836.5	20525	20.57	21	0
				848.3	20643	20.71	21	0
		6RB		824.7	20407	20.62	21	0
				836.5	20525	20.72	21	0
				848.3	20643	20.72	21	0
	16-QAM	1 RB	0	824.7	20407	20.69	21	0
				836.5	20525	20.35	21	0
				848.3	20643	20.59	21	0
			2	824.7	20407	20.50	21	0
				836.5	20525	20.50	21	0
				848.3	20643	20.57	21	0
			5	824.7	20407	20.58	21	0
				836.5	20525	20.74	21	0
				848.3	20643	20.52	21	0
		3 RB	0	824.7	20407	20.52	21	0
				836.5	20525	20.40	21	0
				848.3	20643	20.75	21	0
			2	824.7	20407	20.63	21	0
				836.5	20525	20.55	21	0
				848.3	20643	20.61	21	0
			3	824.7	20407	20.48	21	0
				836.5	20525	20.62	21	0
				848.3	20643	20.70	21	0
		6RB		824.7	20407	20.39	21	0
				836.5	20525	20.46	21	0
				848.3	20643	20.69	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 5 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	824.7	20407	20.65	21	0
				836.5	20525	20.51	21	0
				848.3	20643	20.63	21	0
			2	824.7	20407	20.53	21	0
				836.5	20525	20.58	21	0
				848.3	20643	20.70	21	0
			5	824.7	20407	20.57	21	0
				836.5	20525	20.51	21	0
				848.3	20643	20.39	21	0
		3 RB	0	824.7	20407	20.47	21	0
				836.5	20525	20.52	21	0
				848.3	20643	20.51	21	0
			2	824.7	20407	20.43	21	0
				836.5	20525	20.49	21	0
				848.3	20643	20.48	21	0
			3	824.7	20407	20.45	21	0
				836.5	20525	20.62	21	0
				848.3	20643	20.65	21	0
		6RB		824.7	20407	20.52	21	0
				836.5	20525	20.68	21	0
				848.3	20643	20.67	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 7 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	2510	20850	23.70	24	0
				2535	21100	24.00	24	0
				2560	21350	23.88	24	0
			50	2510	20850	23.40	24	0
				2535	21100	23.74	24	0
				2560	21350	23.86	24	0
			99	2510	20850	23.44	24	0
				2535	21100	23.90	24	0
				2560	21350	23.97	24	0
		50 RB	0	2510	20850	22.18	23	0-1
				2535	21100	22.62	23	0-1
				2560	21350	22.92	23	0-1
			25	2510	20850	22.38	23	0-1
				2535	21100	22.77	23	0-1
				2560	21350	22.90	23	0-1
			50	2510	20850	22.53	23	0-1
				2535	21100	22.94	23	0-1
				2560	21350	22.79	23	0-1
		100RB		2510	20850	22.40	23	0-1
				2535	21100	22.80	23	0-1
				2560	21350	22.95	23	0-1
	16-QAM	1 RB	0	2510	20850	22.40	23	0-1
				2535	21100	22.88	23	0-1
				2560	21350	22.97	23	0-1
			50	2510	20850	22.71	23	0-1
				2535	21100	22.90	23	0-1
				2560	21350	22.98	23	0-1
			99	2510	20850	22.93	23	0-1
				2535	21100	22.95	23	0-1
				2560	21350	22.96	23	0-1
		50 RB	0	2510	20850	21.26	22	0-2
				2535	21100	21.72	22	0-2
				2560	21350	21.99	22	0-2
			25	2510	20850	21.49	22	0-2
				2535	21100	21.82	22	0-2
				2560	21350	21.98	22	0-2
			50	2510	20850	21.62	22	0-2
				2535	21100	21.98	22	0-2
				2560	21350	21.91	22	0-2
		100RB		2510	20850	21.48	22	0-2
				2535	21100	21.86	22	0-2
				2560	21350	21.89	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 7 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	2510	20850	21.38	22	0-2
				2535	21100	21.85	22	0-2
				2560	21350	21.96	22	0-2
			50	2510	20850	21.67	22	0-2
				2535	21100	21.85	22	0-2
				2560	21350	21.93	22	0-2
			99	2510	20850	21.83	22	0-2
				2535	21100	21.86	22	0-2
				2560	21350	21.96	22	0-2
		50 RB	0	2510	20850	20.16	21	0-3
				2535	21100	20.69	21	0-3
				2560	21350	20.97	21	0-3
			25	2510	20850	20.44	21	0-3
				2535	21100	20.76	21	0-3
				2560	21350	20.94	21	0-3
			50	2510	20850	20.59	21	0-3
				2535	21100	20.97	21	0-3
				2560	21350	20.87	21	0-3
		100RB		2510	20850	20.48	21	0-3
				2535	21100	20.81	21	0-3
				2560	21350	20.84	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 7 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	2507.5	20825	23.27	24	0
				2535	21100	23.74	24	0
				2562.5	21375	23.86	24	0
			36	2507.5	20825	23.28	24	0
				2535	21100	23.62	24	0
				2562.5	21375	23.68	24	0
			74	2507.5	20825	23.53	24	0
				2535	21100	23.85	24	0
				2562.5	21375	23.68	24	0
		36 RB	0	2507.5	20825	22.14	23	0-1
				2535	21100	22.45	23	0-1
				2562.5	21375	22.87	23	0-1
			18	2507.5	20825	22.23	23	0-1
				2535	21100	22.58	23	0-1
				2562.5	21375	22.88	23	0-1
			37	2507.5	20825	22.44	23	0-1
				2535	21100	22.87	23	0-1
				2562.5	21375	22.71	23	0-1
		75RB		2507.5	20825	22.24	23	0-1
				2535	21100	22.73	23	0-1
				2562.5	21375	22.77	23	0-1
	16-QAM	1 RB	0	2507.5	20825	22.36	23	0-1
				2535	21100	22.84	23	0-1
				2562.5	21375	22.79	23	0-1
			36	2507.5	20825	22.68	23	0-1
				2535	21100	22.83	23	0-1
				2562.5	21375	22.87	23	0-1
			74	2507.5	20825	22.80	23	0-1
				2535	21100	22.83	23	0-1
				2562.5	21375	22.85	23	0-1
		36 RB	0	2507.5	20825	21.05	22	0-2
				2535	21100	21.54	22	0-2
				2562.5	21375	21.84	22	0-2
			18	2507.5	20825	21.44	22	0-2
				2535	21100	21.77	22	0-2
				2562.5	21375	21.85	22	0-2
			37	2507.5	20825	21.41	22	0-2
				2535	21100	21.88	22	0-2
				2562.5	21375	21.72	22	0-2
		75RB		2507.5	20825	21.41	22	0-2
				2535	21100	21.67	22	0-2
				2562.5	21375	21.70	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 7 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	2507.5	20825	21.30	22	0-2
				2535	21100	21.75	22	0-2
				2562.5	21375	21.76	22	0-2
			36	2507.5	20825	21.68	22	0-2
				2535	21100	21.77	22	0-2
				2562.5	21375	21.87	22	0-2
			74	2507.5	20825	21.78	22	0-2
				2535	21100	21.78	22	0-2
				2562.5	21375	21.77	22	0-2
		36 RB	0	2507.5	20825	20.04	21	0-3
				2535	21100	20.54	21	0-3
				2562.5	21375	20.74	21	0-3
			18	2507.5	20825	20.39	21	0-3
				2535	21100	20.69	21	0-3
				2562.5	21375	20.75	21	0-3
			37	2507.5	20825	20.31	21	0-3
				2535	21100	20.85	21	0-3
				2562.5	21375	20.64	21	0-3
		75RB		2507.5	20825	20.39	21	0-3
				2535	21100	20.57	21	0-3
				2562.5	21375	20.67	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 7 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	2505	20800	23.13	24	0
				2535	21100	23.71	24	0
				2565	21400	23.68	24	0
			25	2505	20800	23.10	24	0
				2535	21100	23.51	24	0
				2565	21400	23.64	24	0
			49	2505	20800	23.44	24	0
				2535	21100	23.78	24	0
				2565	21400	23.57	24	0
		25 RB	0	2505	20800	22.08	23	0-1
				2535	21100	22.40	23	0-1
				2565	21400	22.77	23	0-1
			12	2505	20800	22.21	23	0-1
				2535	21100	22.53	23	0-1
				2565	21400	22.70	23	0-1
			25	2505	20800	22.42	23	0-1
				2535	21100	22.83	23	0-1
				2565	21400	22.55	23	0-1
		50RB		2505	20800	22.19	23	0-1
				2535	21100	22.54	23	0-1
				2565	21400	22.64	23	0-1
	16-QAM	1 RB	0	2505	20800	22.20	23	0-1
				2535	21100	22.69	23	0-1
				2565	21400	22.66	23	0-1
			25	2505	20800	22.62	23	0-1
				2535	21100	22.81	23	0-1
				2565	21400	22.66	23	0-1
			49	2505	20800	22.61	23	0-1
				2535	21100	22.76	23	0-1
				2565	21400	22.67	23	0-1
		25 RB	0	2505	20800	20.91	22	0-2
				2535	21100	21.37	22	0-2
				2565	21400	21.74	22	0-2
			12	2505	20800	21.24	22	0-2
				2535	21100	21.61	22	0-2
				2565	21400	21.66	22	0-2
			25	2505	20800	21.38	22	0-2
				2535	21100	21.71	22	0-2
				2565	21400	21.65	22	0-2
		50RB		2505	20800	21.33	22	0-2
				2535	21100	21.56	22	0-2
				2565	21400	21.57	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 7 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	2505	20800	21.19	22	0-2
				2535	21100	21.69	22	0-2
				2565	21400	21.62	22	0-2
			25	2505	20800	21.60	22	0-2
				2535	21100	21.76	22	0-2
				2565	21400	21.63	22	0-2
			49	2505	20800	21.54	22	0-2
				2535	21100	21.76	22	0-2
				2565	21400	21.60	22	0-2
		25 RB	0	2505	20800	20.55	21	0-3
				2535	21100	20.29	21	0-3
				2565	21400	20.74	21	0-3
			12	2505	20800	20.24	21	0-3
				2535	21100	20.59	21	0-3
				2565	21400	20.58	21	0-3
			25	2505	20800	20.37	21	0-3
				2535	21100	20.69	21	0-3
				2565	21400	20.62	21	0-3
		50RB		2505	20800	20.32	21	0-3
				2535	21100	20.56	21	0-3
				2565	21400	20.51	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 7 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	2502.5	20775	23.31	24	0
				2535	21100	23.80	24	0
				2567.5	21425	23.84	24	0
			12	2502.5	20775	23.42	24	0
				2535	21100	23.87	24	0
				2567.5	21425	23.91	24	0
			24	2502.5	20775	23.47	24	0
				2535	21100	23.90	24	0
				2567.5	21425	23.99	24	0
		12 RB	0	2502.5	20775	22.19	23	0-1
				2535	21100	22.78	23	0-1
				2567.5	21425	22.76	23	0-1
			6	2502.5	20775	22.28	23	0-1
				2535	21100	22.80	23	0-1
				2567.5	21425	22.78	23	0-1
			13	2502.5	20775	22.31	23	0-1
				2535	21100	22.82	23	0-1
				2567.5	21425	22.78	23	0-1
		25RB		2502.5	20775	22.30	23	0-1
				2535	21100	22.81	23	0-1
				2567.5	21425	22.80	23	0-1
	16-QAM	1 RB	0	2502.5	20775	22.69	23	0-1
				2535	21100	22.88	23	0-1
				2567.5	21425	22.82	23	0-1
			12	2502.5	20775	22.44	23	0-1
				2535	21100	22.85	23	0-1
				2567.5	21425	22.93	23	0-1
			24	2502.5	20775	22.51	23	0-1
				2535	21100	22.99	23	0-1
				2567.5	21425	22.95	23	0-1
		12 RB	0	2502.5	20775	21.23	22	0-2
				2535	21100	21.77	22	0-2
				2567.5	21425	21.82	22	0-2
			6	2502.5	20775	21.28	22	0-2
				2535	21100	21.80	22	0-2
				2567.5	21425	21.84	22	0-2
			13	2502.5	20775	21.29	22	0-2
				2535	21100	21.82	22	0-2
				2567.5	21425	21.82	22	0-2
		25RB		2502.5	20775	21.25	22	0-2
				2535	21100	21.78	22	0-2
				2567.5	21425	21.82	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 7 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	2502.5	20775	21.64	22	0-2
				2535	21100	21.83	22	0-2
				2567.5	21425	21.79	22	0-2
			12	2502.5	20775	21.37	22	0-2
				2535	21100	21.81	22	0-2
				2567.5	21425	21.90	22	0-2
			24	2502.5	20775	21.45	22	0-2
				2535	21100	21.93	22	0-2
				2567.5	21425	21.90	22	0-2
		12 RB	0	2502.5	20775	20.22	21	0-3
				2535	21100	20.69	21	0-3
				2567.5	21425	20.80	21	0-3
			6	2502.5	20775	20.25	21	0-3
				2535	21100	20.73	21	0-3
				2567.5	21425	20.84	21	0-3
			13	2502.5	20775	20.26	21	0-3
				2535	21100	20.80	21	0-3
				2567.5	21425	20.73	21	0-3
		25RB		2502.5	20775	20.23	21	0-3
				2535	21100	20.73	21	0-3
				2567.5	21425	20.73	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 7 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	2510	20850	20.43	20.5	0
				2535	21100	20.49	20.5	0
				2560	21350	20.27	20.5	0
			50	2510	20850	19.82	20.5	0
				2535	21100	20.11	20.5	0
				2560	21350	20.36	20.5	0
			99	2510	20850	19.98	20.5	0
				2535	21100	19.97	20.5	0
				2560	21350	20.37	20.5	0
		50 RB	0	2510	20850	19.53	20.5	0
				2535	21100	20.01	20.5	0
				2560	21350	20.32	20.5	0
			25	2510	20850	19.79	20.5	0
				2535	21100	20.13	20.5	0
				2560	21350	20.30	20.5	0
			50	2510	20850	19.93	20.5	0
				2535	21100	20.33	20.5	0
				2560	21350	20.22	20.5	0
		100RB		2510	20850	19.81	20.5	0
				2535	21100	20.18	20.5	0
				2560	21350	20.36	20.5	0
	16-QAM	1 RB	0	2510	20850	20.37	20.5	0
				2535	21100	20.43	20.5	0
				2560	21350	20.05	20.5	0
			50	2510	20850	19.77	20.5	0
				2535	21100	19.93	20.5	0
				2560	21350	20.20	20.5	0
			99	2510	20850	19.91	20.5	0
				2535	21100	19.86	20.5	0
				2560	21350	20.34	20.5	0
		50 RB	0	2510	20850	19.33	20.5	0
				2535	21100	19.90	20.5	0
				2560	21350	20.10	20.5	0
			25	2510	20850	19.67	20.5	0
				2535	21100	19.92	20.5	0
				2560	21350	20.12	20.5	0
			50	2510	20850	19.77	20.5	0
				2535	21100	20.11	20.5	0
				2560	21350	20.10	20.5	0
		100RB		2510	20850	19.61	20.5	0
				2535	21100	20.12	20.5	0
				2560	21350	20.26	20.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 7 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	2510	20850	20.24	20.5	0
				2535	21100	20.27	20.5	0
				2560	21350	20.07	20.5	0
			50	2510	20850	19.63	20.5	0
				2535	21100	19.90	20.5	0
				2560	21350	20.23	20.5	0
			99	2510	20850	19.89	20.5	0
				2535	21100	19.86	20.5	0
				2560	21350	20.20	20.5	0
		50 RB	0	2510	20850	19.37	20.5	0
				2535	21100	19.95	20.5	0
				2560	21350	20.22	20.5	0
			25	2510	20850	19.60	20.5	0
				2535	21100	19.95	20.5	0
				2560	21350	20.16	20.5	0
			50	2510	20850	19.74	20.5	0
				2535	21100	20.22	20.5	0
				2560	21350	20.18	20.5	0
		100RB		2510	20850	19.64	20.5	0
				2535	21100	20.03	20.5	0
				2560	21350	20.21	20.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 7 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	2507.5	20825	20.21	20.5	0
				2535	21100	20.32	20.5	0
				2562.5	21375	20.20	20.5	0
			36	2507.5	20825	19.72	20.5	0
				2535	21100	19.89	20.5	0
				2562.5	21375	20.20	20.5	0
			74	2507.5	20825	19.79	20.5	0
				2535	21100	19.85	20.5	0
				2562.5	21375	20.28	20.5	0
		36 RB	0	2507.5	20825	19.33	20.5	0
				2535	21100	19.79	20.5	0
				2562.5	21375	20.29	20.5	0
			18	2507.5	20825	19.69	20.5	0
				2535	21100	19.97	20.5	0
				2562.5	21375	20.26	20.5	0
			37	2507.5	20825	19.89	20.5	0
				2535	21100	20.21	20.5	0
				2562.5	21375	20.15	20.5	0
		75RB		2507.5	20825	19.62	20.5	0
				2535	21100	19.96	20.5	0
				2562.5	21375	20.17	20.5	0
	16-QAM	1 RB	0	2507.5	20825	20.27	20.5	0
				2535	21100	20.28	20.5	0
				2562.5	21375	19.85	20.5	0
			36	2507.5	20825	19.73	20.5	0
				2535	21100	19.76	20.5	0
				2562.5	21375	20.17	20.5	0
			74	2507.5	20825	19.83	20.5	0
				2535	21100	19.81	20.5	0
				2562.5	21375	20.17	20.5	0
		36 RB	0	2507.5	20825	19.28	20.5	0
				2535	21100	19.86	20.5	0
				2562.5	21375	20.04	20.5	0
			18	2507.5	20825	19.62	20.5	0
				2535	21100	19.87	20.5	0
				2562.5	21375	20.05	20.5	0
			37	2507.5	20825	19.61	20.5	0
				2535	21100	19.97	20.5	0
				2562.5	21375	20.04	20.5	0
		75RB		2507.5	20825	19.47	20.5	0
				2535	21100	19.95	20.5	0
				2562.5	21375	20.11	20.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 7 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	2507.5	20825	20.21	20.5	0
				2535	21100	20.09	20.5	0
				2562.5	21375	20.00	20.5	0
			36	2507.5	20825	19.41	20.5	0
				2535	21100	19.82	20.5	0
				2562.5	21375	20.15	20.5	0
			74	2507.5	20825	19.79	20.5	0
				2535	21100	19.74	20.5	0
				2562.5	21375	20.00	20.5	0
		36 RB	0	2507.5	20825	19.23	20.5	0
				2535	21100	19.82	20.5	0
				2562.5	21375	20.10	20.5	0
			18	2507.5	20825	19.52	20.5	0
				2535	21100	19.81	20.5	0
				2562.5	21375	19.97	20.5	0
			37	2507.5	20825	19.55	20.5	0
				2535	21100	20.00	20.5	0
				2562.5	21375	19.97	20.5	0
		75RB		2507.5	20825	19.53	20.5	0
				2535	21100	19.95	20.5	0
				2562.5	21375	20.10	20.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 7 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	2505	20800	20.34	20.5	0
				2535	21100	20.38	20.5	0
				2565	21400	20.19	20.5	0
			25	2505	20800	19.70	20.5	0
				2535	21100	20.04	20.5	0
				2565	21400	20.30	20.5	0
			49	2505	20800	19.81	20.5	0
				2535	21100	19.94	20.5	0
				2565	21400	20.32	20.5	0
		25 RB	0	2505	20800	19.44	20.5	0
				2535	21100	19.80	20.5	0
				2565	21400	20.20	20.5	0
			12	2505	20800	19.62	20.5	0
				2535	21100	20.09	20.5	0
				2565	21400	20.12	20.5	0
			25	2505	20800	19.72	20.5	0
				2535	21100	20.24	20.5	0
				2565	21400	20.13	20.5	0
		50RB		2505	20800	19.65	20.5	0
				2535	21100	20.04	20.5	0
				2565	21400	20.26	20.5	0
	16-QAM	1 RB	0	2505	20800	20.28	20.5	0
				2535	21100	20.32	20.5	0
				2565	21400	19.87	20.5	0
			25	2505	20800	19.67	20.5	0
				2535	21100	19.71	20.5	0
				2565	21400	20.12	20.5	0
			49	2505	20800	19.78	20.5	0
				2535	21100	19.82	20.5	0
				2565	21400	20.14	20.5	0
		25 RB	0	2505	20800	19.19	20.5	0
				2535	21100	19.78	20.5	0
				2565	21400	20.01	20.5	0
			12	2505	20800	19.47	20.5	0
				2535	21100	19.87	20.5	0
				2565	21400	19.95	20.5	0
			25	2505	20800	19.68	20.5	0
				2535	21100	20.02	20.5	0
				2565	21400	20.07	20.5	0
		50RB		2505	20800	19.45	20.5	0
				2535	21100	20.07	20.5	0
				2565	21400	20.08	20.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 7 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	2505	20800	20.18	20.5	0
				2535	21100	20.16	20.5	0
				2565	21400	19.95	20.5	0
			25	2505	20800	19.46	20.5	0
				2535	21100	19.76	20.5	0
				2565	21400	20.14	20.5	0
			49	2505	20800	19.75	20.5	0
				2535	21100	19.82	20.5	0
				2565	21400	19.99	20.5	0
		25 RB	0	2505	20800	19.24	20.5	0
				2535	21100	19.77	20.5	0
				2565	21400	20.05	20.5	0
			12	2505	20800	19.53	20.5	0
				2535	21100	19.75	20.5	0
				2565	21400	20.05	20.5	0
			25	2505	20800	19.53	20.5	0
				2535	21100	20.03	20.5	0
				2565	21400	20.09	20.5	0
		50RB		2505	20800	19.60	20.5	0
				2535	21100	19.98	20.5	0
				2565	21400	19.99	20.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 7 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	2502.5	20775	20.31	20.5	0
				2535	21100	20.35	20.5	0
				2567.5	21425	20.13	20.5	0
			12	2502.5	20775	19.77	20.5	0
				2535	21100	19.89	20.5	0
				2567.5	21425	20.17	20.5	0
			24	2502.5	20775	19.95	20.5	0
				2535	21100	19.78	20.5	0
				2567.5	21425	20.15	20.5	0
		12 RB	0	2502.5	20775	19.38	20.5	0
				2535	21100	19.86	20.5	0
				2567.5	21425	20.21	20.5	0
			6	2502.5	20775	19.72	20.5	0
				2535	21100	19.98	20.5	0
				2567.5	21425	20.15	20.5	0
			13	2502.5	20775	19.87	20.5	0
				2535	21100	20.15	20.5	0
				2567.5	21425	20.17	20.5	0
		25RB		2502.5	20775	19.62	20.5	0
				2535	21100	20.15	20.5	0
				2567.5	21425	20.29	20.5	0
	16-QAM	1 RB	0	2502.5	20775	20.32	20.5	0
				2535	21100	20.23	20.5	0
				2567.5	21425	20.01	20.5	0
			12	2502.5	20775	19.57	20.5	0
				2535	21100	19.83	20.5	0
				2567.5	21425	20.03	20.5	0
			24	2502.5	20775	19.82	20.5	0
				2535	21100	19.75	20.5	0
				2567.5	21425	20.15	20.5	0
		12 RB	0	2502.5	20775	19.11	20.5	0
				2535	21100	19.87	20.5	0
				2567.5	21425	20.05	20.5	0
			6	2502.5	20775	19.49	20.5	0
				2535	21100	19.83	20.5	0
				2567.5	21425	19.91	20.5	0
			13	2502.5	20775	19.58	20.5	0
				2535	21100	19.92	20.5	0
				2567.5	21425	20.02	20.5	0
		25RB		2502.5	20775	19.51	20.5	0
				2535	21100	19.91	20.5	0
				2567.5	21425	20.07	20.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 7 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	2502.5	20775	20.06	20.5	0
				2535	21100	20.24	20.5	0
				2567.5	21425	19.88	20.5	0
			12	2502.5	20775	19.42	20.5	0
				2535	21100	19.76	20.5	0
				2567.5	21425	20.06	20.5	0
			24	2502.5	20775	19.69	20.5	0
				2535	21100	19.71	20.5	0
				2567.5	21425	20.01	20.5	0
		12 RB	0	2502.5	20775	19.16	20.5	0
				2535	21100	19.73	20.5	0
				2567.5	21425	20.05	20.5	0
			6	2502.5	20775	19.41	20.5	0
				2535	21100	19.87	20.5	0
				2567.5	21425	20.12	20.5	0
			13	2502.5	20775	19.62	20.5	0
				2535	21100	20.02	20.5	0
				2567.5	21425	20.14	20.5	0
		25RB		2502.5	20775	19.57	20.5	0
				2535	21100	19.83	20.5	0
				2567.5	21425	20.11	20.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 12 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	704	23060	23.22	24	0
				707.5	23095	23.28	24	0
				711	23130	23.39	24	0
			25	704	23060	23.11	24	0
				707.5	23095	23.18	24	0
				711	23130	23.20	24	0
			49	704	23060	22.81	24	0
				707.5	23095	23.01	24	0
				711	23130	23.14	24	0
		25 RB	0	704	23060	22.00	23	0-1
				707.5	23095	21.98	23	0-1
				711	23130	22.03	23	0-1
			12	704	23060	22.10	23	0-1
				707.5	23095	22.16	23	0-1
				711	23130	22.16	23	0-1
			25	704	23060	22.24	23	0-1
				707.5	23095	22.17	23	0-1
				711	23130	22.28	23	0-1
		50RB		704	23060	22.06	23	0-1
				707.5	23095	22.16	23	0-1
				711	23130	22.22	23	0-1
	16-QAM	1 RB	0	704	23060	22.05	23	0-1
				707.5	23095	22.35	23	0-1
				711	23130	22.39	23	0-1
			25	704	23060	22.40	23	0-1
				707.5	23095	22.46	23	0-1
				711	23130	22.51	23	0-1
			49	704	23060	22.51	23	0-1
				707.5	23095	22.59	23	0-1
				711	23130	22.57	23	0-1
		25 RB	0	704	23060	21.06	22	0-2
				707.5	23095	21.05	22	0-2
				711	23130	21.15	22	0-2
			12	704	23060	21.17	22	0-2
				707.5	23095	21.29	22	0-2
				711	23130	21.28	22	0-2
			25	704	23060	21.35	22	0-2
				707.5	23095	21.30	22	0-2
				711	23130	21.38	22	0-2
		50RB		704	23060	21.13	22	0-2
				707.5	23095	21.21	22	0-2
				711	23130	21.29	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 12 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	704	23060	21.00	22	0-2
				707.5	23095	21.27	22	0-2
				711	23130	21.37	22	0-2
			25	704	23060	21.33	22	0-2
				707.5	23095	21.41	22	0-2
				711	23130	21.44	22	0-2
			49	704	23060	21.48	22	0-2
				707.5	23095	21.59	22	0-2
				711	23130	21.47	22	0-2
		25 RB	0	704	23060	19.98	21	0-3
				707.5	23095	20.02	21	0-3
				711	23130	20.05	21	0-3
			12	704	23060	20.10	21	0-3
				707.5	23095	20.21	21	0-3
				711	23130	20.26	21	0-3
			25	704	23060	20.27	21	0-3
				707.5	23095	20.21	21	0-3
				711	23130	20.36	21	0-3
		50RB		704	23060	20.04	21	0-3
				707.5	23095	20.17	21	0-3
				711	23130	20.28	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 12 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	701.5	23035	22.79	24	0
				707.5	23095	22.99	24	0
				713.5	23155	23.08	24	0
			12	701.5	23035	22.90	24	0
				707.5	23095	23.06	24	0
				713.5	23155	23.06	24	0
			24	701.5	23035	23.19	24	0
				707.5	23095	23.11	24	0
				713.5	23155	23.19	24	0
		12 RB	0	701.5	23035	21.90	23	0-1
				707.5	23095	21.95	23	0-1
				713.5	23155	21.93	23	0-1
			6	701.5	23035	22.08	23	0-1
				707.5	23095	22.08	23	0-1
				713.5	23155	22.07	23	0-1
			13	701.5	23035	22.09	23	0-1
				707.5	23095	22.00	23	0-1
				713.5	23155	22.20	23	0-1
		25RB		701.5	23035	21.92	23	0-1
				707.5	23095	21.99	23	0-1
				713.5	23155	22.12	23	0-1
	16-QAM	1 RB	0	701.5	23035	21.99	23	0-1
				707.5	23095	22.30	23	0-1
				713.5	23155	22.34	23	0-1
			12	701.5	23035	22.25	23	0-1
				707.5	23095	22.35	23	0-1
				713.5	23155	22.39	23	0-1
			24	701.5	23035	22.42	23	0-1
				707.5	23095	22.38	23	0-1
				713.5	23155	22.50	23	0-1
		12 RB	0	701.5	23035	21.04	22	0-2
				707.5	23095	20.95	22	0-2
				713.5	23155	21.08	22	0-2
			6	701.5	23035	21.15	22	0-2
				707.5	23095	21.13	22	0-2
				713.5	23155	21.09	22	0-2
			13	701.5	23035	21.33	22	0-2
				707.5	23095	21.27	22	0-2
				713.5	23155	21.22	22	0-2
		25RB		701.5	23035	20.97	22	0-2
				707.5	23095	21.13	22	0-2
				713.5	23155	21.24	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 12 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	701.5	23035	20.92	22	0-2
				707.5	23095	21.25	22	0-2
				713.5	23155	21.24	22	0-2
			12	701.5	23035	21.21	22	0-2
				707.5	23095	21.30	22	0-2
				713.5	23155	21.37	22	0-2
			24	701.5	23035	21.42	22	0-2
				707.5	23095	21.37	22	0-2
				713.5	23155	21.49	22	0-2
		12 RB	0	701.5	23035	20.00	21	0-3
				707.5	23095	19.94	21	0-3
				713.5	23155	20.08	21	0-3
			6	701.5	23035	20.14	21	0-3
				707.5	23095	20.06	21	0-3
				713.5	23155	20.02	21	0-3
			13	701.5	23035	20.28	21	0-3
				707.5	23095	20.23	21	0-3
				713.5	23155	20.19	21	0-3
		25RB		701.5	23035	19.96	21	0-3
				707.5	23095	20.10	21	0-3
				713.5	23155	20.23	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 12 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	700.5	23025	22.65	24	0
				707.5	23095	22.87	24	0
				714.5	23165	23.02	24	0
			7	700.5	23025	22.84	24	0
				707.5	23095	22.87	24	0
				714.5	23165	22.86	24	0
			14	700.5	23025	23.10	24	0
				707.5	23095	22.93	24	0
				714.5	23165	23.04	24	0
		8 RB	0	700.5	23025	21.81	23	0-1
				707.5	23095	21.83	23	0-1
				714.5	23165	21.89	23	0-1
			4	700.5	23025	22.03	23	0-1
				707.5	23095	21.92	23	0-1
				714.5	23165	21.93	23	0-1
			7	700.5	23025	22.03	23	0-1
				707.5	23095	21.92	23	0-1
				714.5	23165	22.05	23	0-1
		15RB		700.5	23025	21.86	23	0-1
				707.5	23095	21.95	23	0-1
				714.5	23165	21.99	23	0-1
	16-QAM	1 RB	0	700.5	23025	21.88	23	0-1
				707.5	23095	22.23	23	0-1
				714.5	23165	22.26	23	0-1
			7	700.5	23025	22.18	23	0-1
				707.5	23095	22.22	23	0-1
				714.5	23165	22.26	23	0-1
			14	700.5	23025	22.27	23	0-1
				707.5	23095	22.23	23	0-1
				714.5	23165	22.34	23	0-1
		8 RB	0	700.5	23025	20.91	22	0-2
				707.5	23095	20.82	22	0-2
				714.5	23165	21.06	22	0-2
			4	700.5	23025	20.94	22	0-2
				707.5	23095	20.92	22	0-2
				714.5	23165	20.89	22	0-2
			7	700.5	23025	21.14	22	0-2
				707.5	23095	21.06	22	0-2
				714.5	23165	21.16	22	0-2
		15RB		700.5	23025	20.81	22	0-2
				707.5	23095	21.00	22	0-2
				714.5	23165	21.14	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 12 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	700.5	23025	20.84	22	0-2
				707.5	23095	21.19	22	0-2
				714.5	23165	21.19	22	0-2
			7	700.5	23025	21.14	22	0-2
				707.5	23095	21.18	22	0-2
				714.5	23165	21.19	22	0-2
			14	700.5	23025	21.19	22	0-2
				707.5	23095	21.20	22	0-2
				714.5	23165	21.31	22	0-2
		8 RB	0	700.5	23025	19.88	21	0-3
				707.5	23095	19.78	21	0-3
				714.5	23165	20.06	21	0-3
			4	700.5	23025	19.85	21	0-3
				707.5	23095	19.91	21	0-3
				714.5	23165	19.85	21	0-3
			7	700.5	23025	20.07	21	0-3
				707.5	23095	19.97	21	0-3
				714.5	23165	20.06	21	0-3
		15RB		700.5	23025	19.80	21	0-3
				707.5	23095	19.92	21	0-3
				714.5	23165	20.06	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 12 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	699.7	23017	22.56	24	0
				707.5	23095	22.95	24	0
				715.3	23173	23.07	24	0
			2	699.7	23017	22.57	24	0
				707.5	23095	22.93	24	0
				715.3	23173	23.04	24	0
			5	699.7	23017	22.66	24	0
				707.5	23095	22.94	24	0
				715.3	23173	23.13	24	0
		3 RB	0	699.7	23017	22.56	24	0
				707.5	23095	22.92	24	0
				715.3	23173	22.89	24	0
			2	699.7	23017	22.62	24	0
				707.5	23095	22.90	24	0
				715.3	23173	23.00	24	0
			3	699.7	23017	22.62	24	0
				707.5	23095	22.91	24	0
				715.3	23173	22.92	24	0
		6RB		699.7	23017	21.65	23	0-1
				707.5	23095	21.93	23	0-1
				715.3	23173	22.07	23	0-1
	16-QAM	1 RB	0	699.7	23017	21.88	23	0-1
				707.5	23095	22.19	23	0-1
				715.3	23173	22.26	23	0-1
			2	699.7	23017	21.88	23	0-1
				707.5	23095	22.21	23	0-1
				715.3	23173	22.34	23	0-1
			5	699.7	23017	21.93	23	0-1
				707.5	23095	22.22	23	0-1
				715.3	23173	22.40	23	0-1
		3 RB	0	699.7	23017	21.66	23	0-1
				707.5	23095	21.97	23	0-1
				715.3	23173	21.96	23	0-1
			2	699.7	23017	21.74	23	0-1
				707.5	23095	21.95	23	0-1
				715.3	23173	21.93	23	0-1
			3	699.7	23017	21.67	23	0-1
				707.5	23095	21.91	23	0-1
				715.3	23173	21.92	23	0-1
		6RB		699.7	23017	20.71	22	0-2
				707.5	23095	21.01	22	0-2
				715.3	23173	21.12	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 12 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	699.7	23017	20.85	22	0-2
				707.5	23095	21.16	22	0-2
				715.3	23173	21.20	22	0-2
			2	699.7	23017	20.78	22	0-2
				707.5	23095	21.14	22	0-2
				715.3	23173	21.30	22	0-2
			5	699.7	23017	20.92	22	0-2
				707.5	23095	21.17	22	0-2
				715.3	23173	21.39	22	0-2
		3 RB	0	699.7	23017	20.66	22	0-2
				707.5	23095	20.90	22	0-2
				715.3	23173	20.94	22	0-2
			2	699.7	23017	20.72	22	0-2
				707.5	23095	20.89	22	0-2
				715.3	23173	20.91	22	0-2
			3	699.7	23017	20.61	22	0-2
				707.5	23095	20.85	22	0-2
				715.3	23173	20.91	22	0-2
		6RB		699.7	23017	19.61	21	0-3
				707.5	23095	19.95	21	0-3
				715.3	23173	20.02	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 12 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	704	23060	21.47	21.5	0
				707.5	23095	21.42	21.5	0
				711	23130	21.49	21.5	0
			25	704	23060	21.25	21.5	0
				707.5	23095	21.27	21.5	0
				711	23130	21.33	21.5	0
			49	704	23060	21.30	21.5	0
				707.5	23095	21.35	21.5	0
				711	23130	21.40	21.5	0
		25 RB	0	704	23060	21.05	21.5	0
				707.5	23095	21.05	21.5	0
				711	23130	21.32	21.5	0
			12	704	23060	21.17	21.5	0
				707.5	23095	21.22	21.5	0
				711	23130	21.21	21.5	0
			25	704	23060	21.31	21.5	0
				707.5	23095	21.24	21.5	0
				711	23130	21.43	21.5	0
		50RB		704	23060	21.14	21.5	0
				707.5	23095	21.23	21.5	0
				711	23130	21.46	21.5	0
	16-QAM	1 RB	0	704	23060	21.32	21.5	0
				707.5	23095	21.37	21.5	0
				711	23130	21.30	21.5	0
			25	704	23060	21.22	21.5	0
				707.5	23095	21.24	21.5	0
				711	23130	21.15	21.5	0
			49	704	23060	21.14	21.5	0
				707.5	23095	21.22	21.5	0
				711	23130	21.37	21.5	0
		25 RB	0	704	23060	20.88	21.5	0
				707.5	23095	20.91	21.5	0
				711	23130	21.28	21.5	0
			12	704	23060	20.97	21.5	0
				707.5	23095	21.04	21.5	0
				711	23130	21.04	21.5	0
			25	704	23060	21.18	21.5	0
				707.5	23095	21.03	21.5	0
				711	23130	21.33	21.5	0
		50RB		704	23060	20.97	21.5	0
				707.5	23095	21.07	21.5	0
				711	23130	21.43	21.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 12 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	704	23060	21.37	21.5	0
				707.5	23095	21.24	21.5	0
				711	23130	21.34	21.5	0
			25	704	23060	21.17	21.5	0
				707.5	23095	21.24	21.5	0
				711	23130	21.29	21.5	0
			49	704	23060	21.16	21.5	0
				707.5	23095	21.22	21.5	0
				711	23130	21.23	21.5	0
		25 RB	0	704	23060	20.88	21.5	0
				707.5	23095	20.84	21.5	0
				711	23130	21.10	21.5	0
			12	704	23060	21.14	21.5	0
				707.5	23095	21.09	21.5	0
				711	23130	21.03	21.5	0
			25	704	23060	21.27	21.5	0
				707.5	23095	21.15	21.5	0
				711	23130	21.28	21.5	0
		50RB		704	23060	20.93	21.5	0
				707.5	23095	21.16	21.5	0
				711	23130	21.42	21.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 12 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	701.5	23035	21.26	21.5	0
				707.5	23095	21.21	21.5	0
				713.5	23155	21.37	21.5	0
			12	701.5	23035	21.05	21.5	0
				707.5	23095	21.11	21.5	0
				713.5	23155	21.21	21.5	0
			24	701.5	23035	21.27	21.5	0
				707.5	23095	21.23	21.5	0
				713.5	23155	21.35	21.5	0
		12 RB	0	701.5	23035	20.96	21.5	0
				707.5	23095	20.93	21.5	0
				713.5	23155	21.18	21.5	0
			6	701.5	23035	21.02	21.5	0
				707.5	23095	21.07	21.5	0
				713.5	23155	21.14	21.5	0
			13	701.5	23035	21.25	21.5	0
				707.5	23095	21.04	21.5	0
				713.5	23155	21.35	21.5	0
		25RB		701.5	23035	20.96	21.5	0
				707.5	23095	21.16	21.5	0
				713.5	23155	21.42	21.5	0
	16-QAM	1 RB	0	701.5	23035	21.22	21.5	0
				707.5	23095	21.24	21.5	0
				713.5	23155	21.26	21.5	0
			12	701.5	23035	21.06	21.5	0
				707.5	23095	21.18	21.5	0
				713.5	23155	20.98	21.5	0
			24	701.5	23035	21.06	21.5	0
				707.5	23095	21.04	21.5	0
				713.5	23155	21.17	21.5	0
		12 RB	0	701.5	23035	20.85	21.5	0
				707.5	23095	20.80	21.5	0
				713.5	23155	21.16	21.5	0
			6	701.5	23035	20.77	21.5	0
				707.5	23095	20.98	21.5	0
				713.5	23155	20.83	21.5	0
			13	701.5	23035	21.05	21.5	0
				707.5	23095	20.95	21.5	0
				713.5	23155	21.30	21.5	0
		25RB		701.5	23035	20.85	21.5	0
				707.5	23095	20.87	21.5	0
				713.5	23155	21.31	21.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 12 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	701.5	23035	21.19	21.5	0
				707.5	23095	21.06	21.5	0
				713.5	23155	21.19	21.5	0
			12	701.5	23035	21.11	21.5	0
				707.5	23095	21.03	21.5	0
				713.5	23155	21.13	21.5	0
			24	701.5	23035	20.96	21.5	0
				707.5	23095	21.12	21.5	0
				713.5	23155	21.05	21.5	0
		12 RB	0	701.5	23035	20.73	21.5	0
				707.5	23095	20.73	21.5	0
				713.5	23155	20.98	21.5	0
			6	701.5	23035	20.97	21.5	0
				707.5	23095	20.94	21.5	0
				713.5	23155	20.94	21.5	0
			13	701.5	23035	21.17	21.5	0
				707.5	23095	21.07	21.5	0
				713.5	23155	21.08	21.5	0
		25RB		701.5	23035	20.74	21.5	0
				707.5	23095	20.95	21.5	0
				713.5	23155	21.34	21.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 12 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	700.5	23025	21.44	21.5	0
				707.5	23095	21.38	21.5	0
				714.5	23165	21.45	21.5	0
			7	700.5	23025	21.03	21.5	0
				707.5	23095	21.17	21.5	0
				714.5	23165	21.21	21.5	0
			14	700.5	23025	21.23	21.5	0
				707.5	23095	21.20	21.5	0
				714.5	23165	21.19	21.5	0
		8 RB	0	700.5	23025	20.87	21.5	0
				707.5	23095	20.92	21.5	0
				714.5	23165	21.16	21.5	0
			4	700.5	23025	20.95	21.5	0
				707.5	23095	21.07	21.5	0
				714.5	23165	21.00	21.5	0
			7	700.5	23025	21.12	21.5	0
				707.5	23095	21.06	21.5	0
				714.5	23165	21.21	21.5	0
		15RB		700.5	23025	21.01	21.5	0
				707.5	23095	21.13	21.5	0
				714.5	23165	21.35	21.5	0
	16-QAM	1 RB	0	700.5	23025	21.26	21.5	0
				707.5	23095	21.25	21.5	0
				714.5	23165	21.13	21.5	0
			7	700.5	23025	21.19	21.5	0
				707.5	23095	21.03	21.5	0
				714.5	23165	21.09	21.5	0
			14	700.5	23025	20.93	21.5	0
				707.5	23095	21.04	21.5	0
				714.5	23165	21.23	21.5	0
		8 RB	0	700.5	23025	20.81	21.5	0
				707.5	23095	20.87	21.5	0
				714.5	23165	21.21	21.5	0
			4	700.5	23025	20.83	21.5	0
				707.5	23095	20.94	21.5	0
				714.5	23165	20.97	21.5	0
			7	700.5	23025	21.02	21.5	0
				707.5	23095	21.00	21.5	0
				714.5	23165	21.18	21.5	0
		15RB		700.5	23025	20.92	21.5	0
				707.5	23095	20.85	21.5	0
				714.5	23165	21.37	21.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 12 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	700.5	23025	21.33	21.5	0
				707.5	23095	21.15	21.5	0
				714.5	23165	21.31	21.5	0
			7	700.5	23025	21.13	21.5	0
				707.5	23095	21.20	21.5	0
				714.5	23165	21.07	21.5	0
			14	700.5	23025	20.99	21.5	0
				707.5	23095	21.02	21.5	0
				714.5	23165	21.10	21.5	0
		8 RB	0	700.5	23025	20.72	21.5	0
				707.5	23095	20.80	21.5	0
				714.5	23165	21.03	21.5	0
			4	700.5	23025	20.93	21.5	0
				707.5	23095	20.98	21.5	0
				714.5	23165	20.89	21.5	0
			7	700.5	23025	21.19	21.5	0
				707.5	23095	20.95	21.5	0
				714.5	23165	21.17	21.5	0
		15RB		700.5	23025	20.88	21.5	0
				707.5	23095	21.10	21.5	0
				714.5	23165	21.23	21.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 12 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	699.7	23017	21.25	21.5	0
				707.5	23095	21.37	21.5	0
				715.3	23173	21.32	21.5	0
			2	699.7	23017	21.16	21.5	0
				707.5	23095	21.06	21.5	0
				715.3	23173	21.17	21.5	0
			5	699.7	23017	21.18	21.5	0
				707.5	23095	21.15	21.5	0
				715.3	23173	21.28	21.5	0
		3 RB	0	699.7	23017	20.91	21.5	0
				707.5	23095	20.91	21.5	0
				715.3	23173	21.28	21.5	0
			2	699.7	23017	20.98	21.5	0
				707.5	23095	21.13	21.5	0
				715.3	23173	21.14	21.5	0
			3	699.7	23017	21.13	21.5	0
				707.5	23095	21.19	21.5	0
				715.3	23173	21.25	21.5	0
		6RB		699.7	23017	21.11	21.5	0
				707.5	23095	21.12	21.5	0
				715.3	23173	21.32	21.5	0
	16-QAM	1 RB	0	699.7	23017	21.16	21.5	0
				707.5	23095	21.30	21.5	0
				715.3	23173	21.15	21.5	0
			2	699.7	23017	21.09	21.5	0
				707.5	23095	21.09	21.5	0
				715.3	23173	21.06	21.5	0
			5	699.7	23017	20.94	21.5	0
				707.5	23095	21.12	21.5	0
				715.3	23173	21.24	21.5	0
		3 RB	0	699.7	23017	20.70	21.5	0
				707.5	23095	20.69	21.5	0
				715.3	23173	21.06	21.5	0
			2	699.7	23017	20.92	21.5	0
				707.5	23095	21.01	21.5	0
				715.3	23173	20.92	21.5	0
			3	699.7	23017	21.06	21.5	0
				707.5	23095	20.88	21.5	0
				715.3	23173	21.27	21.5	0
		6RB		699.7	23017	20.82	21.5	0
				707.5	23095	21.03	21.5	0
				715.3	23173	21.29	21.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 12 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	699.7	23017	21.26	21.5	0
				707.5	23095	21.13	21.5	0
				715.3	23173	21.15	21.5	0
			2	699.7	23017	21.02	21.5	0
				707.5	23095	21.11	21.5	0
				715.3	23173	21.15	21.5	0
			5	699.7	23017	20.94	21.5	0
				707.5	23095	21.04	21.5	0
				715.3	23173	21.12	21.5	0
		3 RB	0	699.7	23017	20.80	21.5	0
				707.5	23095	20.66	21.5	0
				715.3	23173	20.98	21.5	0
			2	699.7	23017	20.95	21.5	0
				707.5	23095	20.88	21.5	0
				715.3	23173	20.81	21.5	0
			3	699.7	23017	21.05	21.5	0
				707.5	23095	20.96	21.5	0
				715.3	23173	21.17	21.5	0
		6RB		699.7	23017	20.87	21.5	0
				707.5	23095	21.02	21.5	0
				715.3	23173	21.31	21.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 13 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	782	23230	23.33	24	0
			25	782	23230	23.66	24	0
			49	782	23230	23.74	24	0
		25 RB	0	782	23230	22.54	23	0-1
			12	782	23230	22.62	23	0-1
			25	782	23230	22.73	23	0-1
		50RB		782	23230	22.69	23	0-1
	16-QAM	1 RB	0	782	23230	22.65	23	0-1
			25	782	23230	22.93	23	0-1
			49	782	23230	22.95	23	0-1
		25 RB	0	782	23230	21.69	22	0-2
			12	782	23230	21.76	22	0-2
			25	782	23230	21.80	22	0-2
		50RB		782	23230	21.76	22	0-2
	64-QAM	1 RB	0	782	23230	21.57	22	0-2
			25	782	23230	21.85	22	0-2
			49	782	23230	21.86	22	0-2
		25 RB	0	782	23230	20.67	21	0-3
			12	782	23230	20.68	21	0-3
			25	782	23230	20.75	21	0-3
		50RB		782	23230	20.71	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 13 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	779.5	23205	23.22	24	0
				782	23230	23.39	24	0
				784.5	23255	23.59	24	0
			12	779.5	23205	23.42	24	0
				782	23230	23.57	24	0
				784.5	23255	23.62	24	0
			24	779.5	23205	23.54	24	0
				782	23230	23.67	24	0
				784.5	23255	23.63	24	0
		12 RB	0	779.5	23205	22.33	23	0-1
				782	23230	22.46	23	0-1
				784.5	23255	22.59	23	0-1
			6	779.5	23205	22.36	23	0-1
				782	23230	22.45	23	0-1
				784.5	23255	22.62	23	0-1
			13	779.5	23205	22.46	23	0-1
				782	23230	22.59	23	0-1
				784.5	23255	22.60	23	0-1
		25RB		779.5	23205	22.38	23	0-1
				782	23230	22.55	23	0-1
				784.5	23255	22.63	23	0-1
	16-QAM	1 RB	0	779.5	23205	22.44	23	0-1
				782	23230	22.77	23	0-1
				784.5	23255	22.84	23	0-1
			12	779.5	23205	22.75	23	0-1
				782	23230	22.82	23	0-1
				784.5	23255	22.91	23	0-1
			24	779.5	23205	22.80	23	0-1
				782	23230	22.93	23	0-1
				784.5	23255	22.99	23	0-1
		12 RB	0	779.5	23205	21.38	22	0-2
				782	23230	21.54	22	0-2
				784.5	23255	21.60	22	0-2
			6	779.5	23205	21.50	22	0-2
				782	23230	21.53	22	0-2
				784.5	23255	21.60	22	0-2
			13	779.5	23205	21.56	22	0-2
				782	23230	21.61	22	0-2
				784.5	23255	21.67	22	0-2
		25RB		779.5	23205	21.47	22	0-2
				782	23230	21.59	22	0-2
				784.5	23255	21.63	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 13 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	779.5	23205	21.38	22	0-2
				782	23230	21.76	22	0-2
				784.5	23255	21.77	22	0-2
			12	779.5	23205	21.72	22	0-2
				782	23230	21.75	22	0-2
				784.5	23255	21.86	22	0-2
			24	779.5	23205	21.70	22	0-2
				782	23230	21.89	22	0-2
				784.5	23255	21.99	22	0-2
		12 RB	0	779.5	23205	20.37	21	0-3
				782	23230	20.50	21	0-3
				784.5	23255	20.54	21	0-3
			6	779.5	23205	20.40	21	0-3
				782	23230	20.47	21	0-3
				784.5	23255	20.60	21	0-3
			13	779.5	23205	20.51	21	0-3
				782	23230	20.60	21	0-3
				784.5	23255	20.65	21	0-3
		25RB		779.5	23205	20.39	21	0-3
				782	23230	20.56	21	0-3
				784.5	23255	20.63	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 13 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	782	23230	20.62	21	0
			25	782	23230	20.91	21	0
			49	782	23230	20.98	21	0
		25 RB	0	782	23230	20.31	21	0
			12	782	23230	20.54	21	0
			25	782	23230	20.67	21	0
		50RB		782	23230	20.37	21	0
	16-QAM	1 RB	0	782	23230	20.41	21	0
			25	782	23230	20.72	21	0
			49	782	23230	20.97	21	0
		25 RB	0	782	23230	20.26	21	0
			12	782	23230	20.41	21	0
			25	782	23230	20.49	21	0
		50RB		782	23230	20.20	21	0
	64-QAM	1 RB	0	782	23230	20.42	21	0
			25	782	23230	20.70	21	0
			49	782	23230	20.85	21	0
		25 RB	0	782	23230	20.20	21	0
			12	782	23230	20.38	21	0
			25	782	23230	20.48	21	0
		50RB		782	23230	20.16	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 13 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	779.5	23205	20.42	21	0
				782	23230	20.84	21	0
				784.5	23255	20.87	21	0
			12	779.5	23205	20.26	21	0
				782	23230	20.50	21	0
				784.5	23255	20.61	21	0
			24	779.5	23205	20.32	21	0
				782	23230	20.27	21	0
				784.5	23255	20.59	21	0
		12 RB	0	779.5	23205	20.75	21	0
				782	23230	20.15	21	0
				784.5	23255	20.34	21	0
			6	779.5	23205	20.45	21	0
				782	23230	20.08	21	0
				784.5	23255	20.39	21	0
			13	779.5	23205	20.51	21	0
				782	23230	20.64	21	0
				784.5	23255	20.10	21	0
		25RB		779.5	23205	20.34	21	0
				782	23230	20.37	21	0
				784.5	23255	20.10	21	0
	16-QAM	1 RB	0	779.5	23205	20.46	21	0
				782	23230	20.79	21	0
				784.5	23255	20.86	21	0
			12	779.5	23205	20.17	21	0
				782	23230	20.35	21	0
				784.5	23255	20.53	21	0
			24	779.5	23205	20.15	21	0
				782	23230	20.28	21	0
				784.5	23255	20.50	21	0
		12 RB	0	779.5	23205	20.94	21	0
				782	23230	20.13	21	0
				784.5	23255	20.38	21	0
			6	779.5	23205	20.31	21	0
				782	23230	20.04	21	0
				784.5	23255	20.22	21	0
			13	779.5	23205	20.58	21	0
				782	23230	20.73	21	0
				784.5	23255	20.12	21	0
		25RB		779.5	23205	20.26	21	0
				782	23230	20.38	21	0
				784.5	23255	20.07	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 13 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	779.5	23205	20.55	21	0
				782	23230	20.80	21	0
				784.5	23255	20.87	21	0
			12	779.5	23205	20.22	21	0
				782	23230	20.50	21	0
				784.5	23255	20.61	21	0
			24	779.5	23205	20.15	21	0
				782	23230	20.37	21	0
				784.5	23255	20.50	21	0
		12 RB	0	779.5	23205	20.93	21	0
				782	23230	20.21	21	0
				784.5	23255	20.36	21	0
			6	779.5	23205	20.36	21	0
				782	23230	20.04	21	0
				784.5	23255	20.29	21	0
			13	779.5	23205	20.55	21	0
				782	23230	20.75	21	0
				784.5	23255	20.01	21	0
		25RB		779.5	23205	20.17	21	0
				782	23230	20.42	21	0
				784.5	23255	20.06	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 14 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	793	23330	23.63	24	0
			25	793	23330	23.76	24	0
			49	793	23330	23.82	24	0
		25 RB	0	793	23330	22.80	23	0-1
			12	793	23330	22.84	23	0-1
			25	793	23330	22.90	23	0-1
		50RB		793	23330	22.78	23	0-1
	16-QAM	1 RB	0	793	23330	22.92	23	0-1
			25	793	23330	22.96	23	0-1
			49	793	23330	22.94	23	0-1
		25 RB	0	793	23330	21.90	22	0-2
			12	793	23330	21.91	22	0-2
			25	793	23330	21.97	22	0-2
		50RB		793	23330	21.88	22	0-2
	64-QAM	1 RB	0	793	23330	21.56	22	0-2
			25	793	23330	21.89	22	0-2
			49	793	23330	21.93	22	0-2
		25 RB	0	793	23330	20.63	21	0-3
			12	793	23330	20.67	21	0-3
			25	793	23330	20.77	21	0-3
		50RB		793	23330	20.73	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 14 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	790.5	23305	23.57	24	0
				793	23330	23.69	24	0
				795.5	23355	23.73	24	0
			12	790.5	23305	23.63	24	0
				793	23330	23.70	24	0
				795.5	23355	23.79	24	0
			24	790.5	23305	23.67	24	0
				793	23330	23.78	24	0
				795.5	23355	23.76	24	0
		12 RB	0	790.5	23305	22.55	23	0-1
				793	23330	22.62	23	0-1
				795.5	23355	22.65	23	0-1
			6	790.5	23305	22.63	23	0-1
				793	23330	22.71	23	0-1
				795.5	23355	22.77	23	0-1
			13	790.5	23305	22.58	23	0-1
				793	23330	22.66	23	0-1
				795.5	23355	22.76	23	0-1
		25RB		790.5	23305	22.64	23	0-1
				793	23330	22.72	23	0-1
				795.5	23355	22.79	23	0-1
	16-QAM	1 RB	0	790.5	23305	22.84	23	0-1
				793	23330	22.91	23	0-1
				795.5	23355	22.90	23	0-1
			12	790.5	23305	22.87	23	0-1
				793	23330	22.94	23	0-1
				795.5	23355	22.95	23	0-1
			24	790.5	23305	22.86	23	0-1
				793	23330	23.00	23	0-1
				795.5	23355	22.99	23	0-1
		12 RB	0	790.5	23305	21.58	22	0-2
				793	23330	21.59	22	0-2
				795.5	23355	21.69	22	0-2
			6	790.5	23305	21.67	22	0-2
				793	23330	21.71	22	0-2
				795.5	23355	21.82	22	0-2
			13	790.5	23305	21.57	22	0-2
				793	23330	21.67	22	0-2
				795.5	23355	21.78	22	0-2
		25RB		790.5	23305	21.65	22	0-2
				793	23330	21.70	22	0-2
				795.5	23355	21.78	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 14 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	790.5	23305	21.84	22	0-2
				793	23330	21.85	22	0-2
				795.5	23355	21.90	22	0-2
			12	790.5	23305	21.82	22	0-2
				793	23330	21.85	22	0-2
				795.5	23355	21.86	22	0-2
			24	790.5	23305	21.76	22	0-2
				793	23330	21.97	22	0-2
				795.5	23355	21.93	22	0-2
		12 RB	0	790.5	23305	20.55	21	0-3
				793	23330	20.54	21	0-3
				795.5	23355	20.63	21	0-3
			6	790.5	23305	20.67	21	0-3
				793	23330	20.70	21	0-3
				795.5	23355	20.72	21	0-3
			13	790.5	23305	20.51	21	0-3
				793	23330	20.64	21	0-3
				795.5	23355	20.70	21	0-3
		25RB		790.5	23305	20.61	21	0-3
				793	23330	20.62	21	0-3
				795.5	23355	20.68	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 14 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	793	23330	20.62	21	0
			25	793	23330	20.91	21	0
			49	793	23330	20.99	21	0
		25 RB	0	793	23330	20.45	21	0
			12	793	23330	20.56	21	0
			25	793	23330	20.75	21	0
		50RB		793	23330	20.81	21	0
	16-QAM	1 RB	0	793	23330	20.48	21	0
			25	793	23330	20.86	21	0
			49	793	23330	20.89	21	0
		25 RB	0	793	23330	20.29	21	0
			12	793	23330	20.48	21	0
			25	793	23330	20.71	21	0
		50RB		793	23330	20.75	21	0
	64-QAM	1 RB	0	793	23330	20.43	21	0
			25	793	23330	20.79	21	0
			49	793	23330	20.93	21	0
		25 RB	0	793	23330	20.40	21	0
			12	793	23330	20.53	21	0
			25	793	23330	20.72	21	0
		50RB		793	23330	20.73	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 14 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	790.5	23305	20.40	21	0
				793	23330	20.69	21	0
				795.5	23355	20.81	21	0
			12	790.5	23305	20.37	21	0
				793	23330	20.51	21	0
				795.5	23355	20.62	21	0
			24	790.5	23305	20.63	21	0
				793	23330	20.26	21	0
				795.5	23355	20.69	21	0
		12 RB	0	790.5	23305	20.68	21	0
				793	23330	20.21	21	0
				795.5	23355	20.34	21	0
			6	790.5	23305	20.53	21	0
				793	23330	20.70	21	0
				795.5	23355	20.35	21	0
			13	790.5	23305	20.64	21	0
				793	23330	20.73	21	0
				795.5	23355	20.24	21	0
		25RB		790.5	23305	20.39	21	0
				793	23330	20.69	21	0
				795.5	23355	20.64	21	0
	16-QAM	1 RB	0	790.5	23305	20.44	21	0
				793	23330	20.69	21	0
				795.5	23355	20.80	21	0
			12	790.5	23305	20.29	21	0
				793	23330	20.53	21	0
				795.5	23355	20.68	21	0
			24	790.5	23305	20.71	21	0
				793	23330	20.35	21	0
				795.5	23355	20.74	21	0
		12 RB	0	790.5	23305	20.83	21	0
				793	23330	20.09	21	0
				795.5	23355	20.27	21	0
			6	790.5	23305	20.53	21	0
				793	23330	20.61	21	0
				795.5	23355	20.26	21	0
			13	790.5	23305	20.68	21	0
				793	23330	20.76	21	0
				795.5	23355	20.36	21	0
		25RB		790.5	23305	20.31	21	0
				793	23330	20.57	21	0
				795.5	23355	20.64	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 14 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	790.5	23305	20.52	21	0
				793	23330	20.76	21	0
				795.5	23355	20.82	21	0
			12	790.5	23305	20.26	21	0
				793	23330	20.45	21	0
				795.5	23355	20.56	21	0
			24	790.5	23305	20.59	21	0
				793	23330	20.41	21	0
				795.5	23355	20.83	21	0
		12 RB	0	790.5	23305	20.85	21	0
				793	23330	20.19	21	0
				795.5	23355	20.41	21	0
			6	790.5	23305	20.49	21	0
				793	23330	20.61	21	0
				795.5	23355	20.32	21	0
			13	790.5	23305	20.73	21	0
				793	23330	20.76	21	0
				795.5	23355	20.19	21	0
		25RB		790.5	23305	20.45	21	0
				793	23330	20.50	21	0
				795.5	23355	20.56	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 17 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	709	23780	23.27	24	0
				710	23790	23.30	24	0
				711	23800	23.38	24	0
			25	709	23780	23.11	24	0
				710	23790	23.16	24	0
				711	23800	23.18	24	0
			49	709	23780	23.01	24	0
				710	23790	22.98	24	0
				711	23800	23.10	24	0
		25 RB	0	709	23780	22.10	23	0-1
				710	23790	22.09	23	0-1
				711	23800	22.01	23	0-1
			12	709	23780	22.03	23	0-1
				710	23790	22.08	23	0-1
				711	23800	22.13	23	0-1
			25	709	23780	22.21	23	0-1
				710	23790	22.23	23	0-1
				711	23800	22.24	23	0-1
		50RB		709	23780	22.10	23	0-1
				710	23790	22.15	23	0-1
				711	23800	22.20	23	0-1
	16-QAM	1 RB	0	709	23780	22.30	23	0-1
				710	23790	22.34	23	0-1
				711	23800	22.47	23	0-1
			25	709	23780	22.50	23	0-1
				710	23790	22.45	23	0-1
				711	23800	22.44	23	0-1
			49	709	23780	22.49	23	0-1
				710	23790	22.51	23	0-1
				711	23800	22.58	23	0-1
		25 RB	0	709	23780	21.20	22	0-2
				710	23790	21.20	22	0-2
				711	23800	21.13	22	0-2
			12	709	23780	21.14	22	0-2
				710	23790	21.21	22	0-2
				711	23800	21.25	22	0-2
			25	709	23780	21.33	22	0-2
				710	23790	21.34	22	0-2
				711	23800	21.36	22	0-2
		50RB		709	23780	21.15	22	0-2
				710	23790	21.22	22	0-2
				711	23800	21.25	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 17 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	709	23780	21.20	22	0-2
				710	23790	21.24	22	0-2
				711	23800	21.47	22	0-2
			25	709	23780	21.47	22	0-2
				710	23790	21.35	22	0-2
				711	23800	21.40	22	0-2
			49	709	23780	21.49	22	0-2
				710	23790	21.42	22	0-2
				711	23800	21.51	22	0-2
		25 RB	0	709	23780	20.11	21	0-3
				710	23790	20.19	21	0-3
				711	23800	20.07	21	0-3
			12	709	23780	20.04	21	0-3
				710	23790	20.19	21	0-3
				711	23800	20.22	21	0-3
			25	709	23780	20.27	21	0-3
				710	23790	20.26	21	0-3
				711	23800	20.36	21	0-3
		50RB		709	23780	20.11	21	0-3
				710	23790	20.20	21	0-3
				711	23800	20.17	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 17 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	706.5	23755	22.98	24	0
				710	23790	23.03	24	0
				713.5	23825	23.07	24	0
			12	706.5	23755	23.12	24	0
				710	23790	23.07	24	0
				713.5	23825	23.16	24	0
			24	706.5	23755	23.02	24	0
				710	23790	23.13	24	0
				713.5	23825	23.34	24	0
		12 RB	0	706.5	23755	22.00	23	0-1
				710	23790	22.03	23	0-1
				713.5	23825	22.18	23	0-1
			6	706.5	23755	22.18	23	0-1
				710	23790	22.07	23	0-1
				713.5	23825	22.20	23	0-1
			13	706.5	23755	22.18	23	0-1
				710	23790	22.19	23	0-1
				713.5	23825	22.25	23	0-1
		25RB		706.5	23755	22.17	23	0-1
				710	23790	22.14	23	0-1
				713.5	23825	22.22	23	0-1
	16-QAM	1 RB	0	706.5	23755	22.26	23	0-1
				710	23790	22.36	23	0-1
				713.5	23825	22.37	23	0-1
			12	706.5	23755	22.43	23	0-1
				710	23790	22.33	23	0-1
				713.5	23825	22.35	23	0-1
			24	706.5	23755	22.37	23	0-1
				710	23790	22.41	23	0-1
				713.5	23825	22.60	23	0-1
		12 RB	0	706.5	23755	21.07	22	0-2
				710	23790	21.13	22	0-2
				713.5	23825	21.27	22	0-2
			6	706.5	23755	21.26	22	0-2
				710	23790	21.16	22	0-2
				713.5	23825	21.28	22	0-2
			13	706.5	23755	21.30	22	0-2
				710	23790	21.29	22	0-2
				713.5	23825	21.31	22	0-2
		25RB		706.5	23755	21.28	22	0-2
				710	23790	21.25	22	0-2
				713.5	23825	21.30	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 17 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	706.5	23755	21.12	22	0-2
				710	23790	21.24	22	0-2
				713.5	23825	21.44	22	0-2
			12	706.5	23755	21.39	22	0-2
				710	23790	21.35	22	0-2
				713.5	23825	21.35	22	0-2
			24	706.5	23755	21.48	22	0-2
				710	23790	21.38	22	0-2
				713.5	23825	21.43	22	0-2
		12 RB	0	706.5	23755	20.04	21	0-3
				710	23790	20.16	21	0-3
				713.5	23825	19.97	21	0-3
			6	706.5	23755	19.99	21	0-3
				710	23790	20.18	21	0-3
				713.5	23825	20.20	21	0-3
			13	706.5	23755	20.26	21	0-3
				710	23790	20.20	21	0-3
				713.5	23825	20.30	21	0-3
		25RB		706.5	23755	20.11	21	0-3
				710	23790	20.20	21	0-3
				713.5	23825	20.17	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 17 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	709	23780	21.46	21.5	0
				710	23790	21.47	21.5	0
				711	23800	21.49	21.5	0
			25	709	23780	21.35	21.5	0
				710	23790	21.35	21.5	0
				711	23800	21.34	21.5	0
			49	709	23780	21.16	21.5	0
				710	23790	21.21	21.5	0
				711	23800	21.31	21.5	0
		25 RB	0	709	23780	20.31	21.5	0
				710	23790	20.28	21.5	0
				711	23800	20.21	21.5	0
			12	709	23780	20.24	21.5	0
				710	23790	20.27	21.5	0
				711	23800	20.33	21.5	0
			25	709	23780	20.42	21.5	0
				710	23790	20.43	21.5	0
				711	23800	20.44	21.5	0
		50RB		709	23780	20.31	21.5	0
				710	23790	20.36	21.5	0
				711	23800	20.39	21.5	0
	16-QAM	1 RB	0	709	23780	21.36	21.5	0
				710	23790	21.43	21.5	0
				711	23800	21.34	21.5	0
			25	709	23780	21.30	21.5	0
				710	23790	21.13	21.5	0
				711	23800	21.18	21.5	0
			49	709	23780	21.05	21.5	0
				710	23790	21.01	21.5	0
				711	23800	21.19	21.5	0
		25 RB	0	709	23780	20.26	21.5	0
				710	23790	20.20	21.5	0
				711	23800	20.03	21.5	0
			12	709	23780	20.02	21.5	0
				710	23790	20.11	21.5	0
				711	23800	20.16	21.5	0
			25	709	23780	20.25	21.5	0
				710	23790	20.31	21.5	0
				711	23800	20.30	21.5	0
		50RB		709	23780	20.13	21.5	0
				710	23790	20.24	21.5	0
				711	23800	20.27	21.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 17 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	709	23780	21.43	21.5	0
				710	23790	21.36	21.5	0
				711	23800	21.33	21.5	0
			25	709	23780	21.17	21.5	0
				710	23790	21.32	21.5	0
				711	23800	21.27	21.5	0
			49	709	23780	20.99	21.5	0
				710	23790	21.01	21.5	0
				711	23800	21.18	21.5	0
		25 RB	0	709	23780	20.28	21.5	0
				710	23790	20.08	21.5	0
				711	23800	20.11	21.5	0
			12	709	23780	20.20	21.5	0
				710	23790	20.16	21.5	0
				711	23800	20.24	21.5	0
			25	709	23780	20.27	21.5	0
				710	23790	20.35	21.5	0
				711	23800	20.33	21.5	0
		50RB		709	23780	20.22	21.5	0
				710	23790	20.33	21.5	0
				711	23800	20.32	21.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 17 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	706.5	23755	21.33	21.5	0
				710	23790	21.38	21.5	0
				713.5	23825	21.28	21.5	0
			12	706.5	23755	21.23	21.5	0
				710	23790	21.20	21.5	0
				713.5	23825	21.21	21.5	0
			24	706.5	23755	21.09	21.5	0
				710	23790	21.07	21.5	0
				713.5	23825	21.26	21.5	0
		12 RB	0	706.5	23755	20.13	21.5	0
				710	23790	20.19	21.5	0
				713.5	23825	20.12	21.5	0
			6	706.5	23755	20.19	21.5	0
				710	23790	20.20	21.5	0
				713.5	23825	20.23	21.5	0
			13	706.5	23755	20.28	21.5	0
				710	23790	20.26	21.5	0
				713.5	23825	20.37	21.5	0
		25RB		706.5	23755	20.27	21.5	0
				710	23790	20.33	21.5	0
				713.5	23825	20.26	21.5	0
	16-QAM	1 RB	0	706.5	23755	21.27	21.5	0
				710	23790	21.35	21.5	0
				713.5	23825	21.24	21.5	0
			12	706.5	23755	21.09	21.5	0
				710	23790	20.98	21.5	0
				713.5	23825	21.12	21.5	0
			24	706.5	23755	20.95	21.5	0
				710	23790	20.80	21.5	0
				713.5	23825	21.01	21.5	0
		12 RB	0	706.5	23755	20.06	21.5	0
				710	23790	20.00	21.5	0
				713.5	23825	19.93	21.5	0
			6	706.5	23755	19.98	21.5	0
				710	23790	19.92	21.5	0
				713.5	23825	20.08	21.5	0
			13	706.5	23755	20.03	21.5	0
				710	23790	20.15	21.5	0
				713.5	23825	20.23	21.5	0
		25RB		706.5	23755	20.09	21.5	0
				710	23790	20.11	21.5	0
				713.5	23825	20.18	21.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 17 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	706.5	23755	21.36	21.5	0
				710	23790	21.15	21.5	0
				713.5	23825	21.28	21.5	0
			12	706.5	23755	21.00	21.5	0
				710	23790	21.17	21.5	0
				713.5	23825	21.24	21.5	0
			24	706.5	23755	20.91	21.5	0
				710	23790	20.82	21.5	0
				713.5	23825	21.12	21.5	0
		12 RB	0	706.5	23755	20.23	21.5	0
				710	23790	19.94	21.5	0
				713.5	23825	20.07	21.5	0
			6	706.5	23755	20.02	21.5	0
				710	23790	20.03	21.5	0
				713.5	23825	20.02	21.5	0
			13	706.5	23755	20.22	21.5	0
				710	23790	20.26	21.5	0
				713.5	23825	20.30	21.5	0
		25RB		706.5	23755	20.04	21.5	0
				710	23790	20.11	21.5	0
				713.5	23825	20.20	21.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1860	26140	23.18	24	0
				1882.5	26365	23.26	24	0
				1905	26590	23.11	24	0
			50	1860	26140	23.35	24	0
				1882.5	26365	23.57	24	0
				1905	26590	23.32	24	0
			99	1860	26140	23.26	24	0
				1882.5	26365	23.20	24	0
				1905	26590	23.29	24	0
		50 RB	0	1860	26140	22.41	23	0-1
				1882.5	26365	22.38	23	0-1
				1905	26590	22.35	23	0-1
			25	1860	26140	22.40	23	0-1
				1882.5	26365	22.50	23	0-1
				1905	26590	22.39	23	0-1
			50	1860	26140	22.34	23	0-1
				1882.5	26365	22.48	23	0-1
				1905	26590	22.33	23	0-1
		100RB		1860	26140	22.41	23	0-1
				1882.5	26365	22.48	23	0-1
				1905	26590	22.41	23	0-1
	16-QAM	1 RB	0	1860	26140	22.63	23	0-1
				1882.5	26365	22.50	23	0-1
				1905	26590	22.45	23	0-1
			50	1860	26140	22.69	23	0-1
				1882.5	26365	22.76	23	0-1
				1905	26590	22.60	23	0-1
			99	1860	26140	22.56	23	0-1
				1882.5	26365	22.52	23	0-1
				1905	26590	22.60	23	0-1
		50 RB	0	1860	26140	21.48	22	0-2
				1882.5	26365	21.45	22	0-2
				1905	26590	21.44	22	0-2
			25	1860	26140	21.50	22	0-2
				1882.5	26365	21.54	22	0-2
				1905	26590	21.43	22	0-2
			50	1860	26140	21.47	22	0-2
				1882.5	26365	21.57	22	0-2
				1905	26590	21.42	22	0-2
		100RB		1860	26140	21.48	22	0-2
				1882.5	26365	21.56	22	0-2
				1905	26590	21.43	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	1860	26140	21.63	22	0-2
				1882.5	26365	21.43	22	0-2
				1905	26590	21.38	22	0-2
			50	1860	26140	21.66	22	0-2
				1882.5	26365	21.72	22	0-2
				1905	26590	21.55	22	0-2
			99	1860	26140	21.53	22	0-2
				1882.5	26365	21.43	22	0-2
				1905	26590	21.55	22	0-2
		50 RB	0	1860	26140	20.46	21	0-3
				1882.5	26365	20.44	21	0-3
				1905	26590	20.39	21	0-3
			25	1860	26140	20.45	21	0-3
				1882.5	26365	20.54	21	0-3
				1905	26590	20.37	21	0-3
			50	1860	26140	20.45	21	0-3
				1882.5	26365	20.47	21	0-3
				1905	26590	20.32	21	0-3
		100RB		1860	26140	20.43	21	0-3
				1882.5	26365	20.53	21	0-3
				1905	26590	20.37	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	1857.5	26115	23.22	24	0
				1882.5	26365	23.22	24	0
				1907.5	26615	23.26	24	0
			36	1857.5	26115	23.45	24	0
				1882.5	26365	23.48	24	0
				1907.5	26615	23.25	24	0
			74	1857.5	26115	23.24	24	0
				1882.5	26365	23.33	24	0
				1907.5	26615	23.29	24	0
		36 RB	0	1857.5	26115	22.44	23	0-1
				1882.5	26365	22.46	23	0-1
				1907.5	26615	22.41	23	0-1
			18	1857.5	26115	22.50	23	0-1
				1882.5	26365	22.57	23	0-1
				1907.5	26615	22.42	23	0-1
			37	1857.5	26115	22.48	23	0-1
				1882.5	26365	22.57	23	0-1
				1907.5	26615	22.32	23	0-1
		75RB		1857.5	26115	22.47	23	0-1
				1882.5	26365	22.54	23	0-1
				1907.5	26615	22.42	23	0-1
	16-QAM	1 RB	0	1857.5	26115	22.51	23	0-1
				1882.5	26365	22.60	23	0-1
				1907.5	26615	22.57	23	0-1
			36	1857.5	26115	22.66	23	0-1
				1882.5	26365	22.83	23	0-1
				1907.5	26615	22.54	23	0-1
			74	1857.5	26115	22.64	23	0-1
				1882.5	26365	22.63	23	0-1
				1907.5	26615	22.56	23	0-1
		36 RB	0	1857.5	26115	21.50	22	0-2
				1882.5	26365	21.52	22	0-2
				1907.5	26615	21.49	22	0-2
			18	1857.5	26115	21.59	22	0-2
				1882.5	26365	21.63	22	0-2
				1907.5	26615	21.47	22	0-2
			37	1857.5	26115	21.56	22	0-2
				1882.5	26365	21.64	22	0-2
				1907.5	26615	21.36	22	0-2
		75RB		1857.5	26115	21.54	22	0-2
				1882.5	26365	21.59	22	0-2
				1907.5	26615	21.44	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	1857.5	26115	21.58	22	0-2
				1882.5	26365	21.35	22	0-2
				1907.5	26615	21.31	22	0-2
			36	1857.5	26115	21.64	22	0-2
				1882.5	26365	21.64	22	0-2
				1907.5	26615	21.51	22	0-2
			74	1857.5	26115	21.45	22	0-2
				1882.5	26365	21.43	22	0-2
				1907.5	26615	21.48	22	0-2
		36 RB	0	1857.5	26115	20.46	21	0-3
				1882.5	26365	20.42	21	0-3
				1907.5	26615	20.36	21	0-3
			18	1857.5	26115	20.43	21	0-3
				1882.5	26365	20.54	21	0-3
				1907.5	26615	20.33	21	0-3
			37	1857.5	26115	20.44	21	0-3
				1882.5	26365	20.46	21	0-3
				1907.5	26615	20.27	21	0-3
		75RB		1857.5	26115	20.35	21	0-3
				1882.5	26365	20.46	21	0-3
				1907.5	26615	20.31	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1855	26090	23.22	24	0
				1882.5	26365	23.40	24	0
				1910	26640	23.39	24	0
			25	1855	26090	23.44	24	0
				1882.5	26365	23.53	24	0
				1910	26640	23.10	24	0
			49	1855	26090	23.44	24	0
				1882.5	26365	23.55	24	0
				1910	26640	23.30	24	0
		25 RB	0	1855	26090	22.45	23	0-1
				1882.5	26365	22.59	23	0-1
				1910	26640	22.36	23	0-1
			12	1855	26090	22.49	23	0-1
				1882.5	26365	22.61	23	0-1
				1910	26640	22.30	23	0-1
			25	1855	26090	22.52	23	0-1
				1882.5	26365	22.62	23	0-1
				1910	26640	22.32	23	0-1
		50RB		1855	26090	22.46	23	0-1
				1882.5	26365	22.59	23	0-1
				1910	26640	22.36	23	0-1
	16-QAM	1 RB	0	1855	26090	22.56	23	0-1
				1882.5	26365	22.76	23	0-1
				1910	26640	22.71	23	0-1
			25	1855	26090	22.74	23	0-1
				1882.5	26365	22.83	23	0-1
				1910	26640	22.38	23	0-1
			49	1855	26090	22.70	23	0-1
				1882.5	26365	22.73	23	0-1
				1910	26640	22.55	23	0-1
		25 RB	0	1855	26090	21.54	22	0-2
				1882.5	26365	21.67	22	0-2
				1910	26640	21.42	22	0-2
			12	1855	26090	21.59	22	0-2
				1882.5	26365	21.68	22	0-2
				1910	26640	21.39	22	0-2
			25	1855	26090	21.58	22	0-2
				1882.5	26365	21.68	22	0-2
				1910	26640	21.38	22	0-2
		50RB		1855	26090	21.54	22	0-2
				1882.5	26365	21.63	22	0-2
				1910	26640	21.42	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	1855	26090	21.59	22	0-2
				1882.5	26365	21.37	22	0-2
				1910	26640	21.31	22	0-2
			25	1855	26090	21.57	22	0-2
				1882.5	26365	21.64	22	0-2
				1910	26640	21.54	22	0-2
			49	1855	26090	21.48	22	0-2
				1882.5	26365	21.35	22	0-2
				1910	26640	21.53	22	0-2
		25 RB	0	1855	26090	20.36	21	0-3
				1882.5	26365	20.34	21	0-3
				1910	26640	20.35	21	0-3
			12	1855	26090	20.44	21	0-3
				1882.5	26365	20.53	21	0-3
				1910	26640	20.35	21	0-3
			25	1855	26090	20.45	21	0-3
				1882.5	26365	20.47	21	0-3
				1910	26640	20.30	21	0-3
		50RB		1855	26090	20.37	21	0-3
				1882.5	26365	20.50	21	0-3
				1910	26640	20.35	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1852.5	26065	23.22	24	0
				1882.5	26365	23.48	24	0
				1912.5	26665	23.08	24	0
			12	1852.5	26065	23.35	24	0
				1882.5	26365	23.50	24	0
				1912.5	26665	23.05	24	0
			24	1852.5	26065	23.36	24	0
				1882.5	26365	23.51	24	0
				1912.5	26665	23.28	24	0
		12 RB	0	1852.5	26065	22.21	23	0-1
				1882.5	26365	22.47	23	0-1
				1912.5	26665	22.13	23	0-1
			6	1852.5	26065	22.29	23	0-1
				1882.5	26365	22.46	23	0-1
				1912.5	26665	22.15	23	0-1
			13	1852.5	26065	22.33	23	0-1
				1882.5	26365	22.47	23	0-1
				1912.5	26665	22.21	23	0-1
		25RB		1852.5	26065	22.29	23	0-1
				1882.5	26365	22.46	23	0-1
				1912.5	26665	22.18	23	0-1
	16-QAM	1 RB	0	1852.5	26065	22.51	23	0-1
				1882.5	26365	22.85	23	0-1
				1912.5	26665	22.31	23	0-1
			12	1852.5	26065	22.53	23	0-1
				1882.5	26365	22.75	23	0-1
				1912.5	26665	22.38	23	0-1
			24	1852.5	26065	22.66	23	0-1
				1882.5	26365	22.73	23	0-1
				1912.5	26665	22.46	23	0-1
		12 RB	0	1852.5	26065	21.22	22	0-2
				1882.5	26365	21.49	22	0-2
				1912.5	26665	21.15	22	0-2
			6	1852.5	26065	21.31	22	0-2
				1882.5	26365	21.47	22	0-2
				1912.5	26665	21.12	22	0-2
			13	1852.5	26065	21.35	22	0-2
				1882.5	26365	21.49	22	0-2
				1912.5	26665	21.18	22	0-2
		25RB		1852.5	26065	21.30	22	0-2
				1882.5	26365	21.45	22	0-2
				1912.5	26665	21.15	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	1852.5	26065	21.53	22	0-2
				1882.5	26365	21.40	22	0-2
				1912.5	26665	21.28	22	0-2
			12	1852.5	26065	21.59	22	0-2
				1882.5	26365	21.70	22	0-2
				1912.5	26665	21.53	22	0-2
			24	1852.5	26065	21.43	22	0-2
				1882.5	26365	21.34	22	0-2
				1912.5	26665	21.55	22	0-2
		12 RB	0	1852.5	26065	20.45	21	0-3
				1882.5	26365	20.41	21	0-3
				1912.5	26665	20.30	21	0-3
			6	1852.5	26065	20.44	21	0-3
				1882.5	26365	20.48	21	0-3
				1912.5	26665	20.28	21	0-3
			13	1852.5	26065	20.37	21	0-3
				1882.5	26365	20.46	21	0-3
				1912.5	26665	20.25	21	0-3
		25RB		1852.5	26065	20.40	21	0-3
				1882.5	26365	20.48	21	0-3
				1912.5	26665	20.37	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1851.5	26055	23.10	24	0
				1882.5	26365	23.37	24	0
				1913.5	26675	23.04	24	0
			7	1851.5	26055	23.21	24	0
				1882.5	26365	23.51	24	0
				1913.5	26675	23.18	24	0
			14	1851.5	26055	23.24	24	0
				1882.5	26365	23.46	24	0
				1913.5	26675	23.11	24	0
		8 RB	0	1851.5	26055	22.09	23	0-1
				1882.5	26365	22.37	23	0-1
				1913.5	26675	22.03	23	0-1
			4	1851.5	26055	22.09	23	0-1
				1882.5	26365	22.35	23	0-1
				1913.5	26675	22.08	23	0-1
			7	1851.5	26055	22.17	23	0-1
				1882.5	26365	22.35	23	0-1
				1913.5	26675	22.11	23	0-1
		15RB		1851.5	26055	22.11	23	0-1
				1882.5	26365	22.36	23	0-1
				1913.5	26675	22.12	23	0-1
	16-QAM	1 RB	0	1851.5	26055	22.47	23	0-1
				1882.5	26365	22.55	23	0-1
				1913.5	26675	22.19	23	0-1
			7	1851.5	26055	22.46	23	0-1
				1882.5	26365	22.75	23	0-1
				1913.5	26675	22.41	23	0-1
			14	1851.5	26055	22.52	23	0-1
				1882.5	26365	22.70	23	0-1
				1913.5	26675	22.32	23	0-1
		8 RB	0	1851.5	26055	21.07	22	0-2
				1882.5	26365	21.32	22	0-2
				1913.5	26675	21.04	22	0-2
			4	1851.5	26055	21.07	22	0-2
				1882.5	26365	21.33	22	0-2
				1913.5	26675	21.04	22	0-2
			7	1851.5	26055	21.16	22	0-2
				1882.5	26365	21.35	22	0-2
				1913.5	26675	21.06	22	0-2
		15RB		1851.5	26055	21.08	22	0-2
				1882.5	26365	21.27	22	0-2
				1913.5	26675	21.03	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	1851.5	26055	21.60	22	0-2
				1882.5	26365	21.42	22	0-2
				1913.5	26675	21.34	22	0-2
			7	1851.5	26055	21.59	22	0-2
				1882.5	26365	21.69	22	0-2
				1913.5	26675	21.48	22	0-2
			14	1851.5	26055	21.48	22	0-2
				1882.5	26365	21.36	22	0-2
				1913.5	26675	21.52	22	0-2
		8 RB	0	1851.5	26055	20.41	21	0-3
				1882.5	26365	20.44	21	0-3
				1913.5	26675	20.32	21	0-3
			4	1851.5	26055	20.38	21	0-3
				1882.5	26365	20.51	21	0-3
				1913.5	26675	20.28	21	0-3
			7	1851.5	26055	20.35	21	0-3
				1882.5	26365	20.39	21	0-3
				1913.5	26675	20.30	21	0-3
		15RB		1851.5	26055	20.41	21	0-3
				1882.5	26365	20.48	21	0-3
				1913.5	26675	20.29	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1850.7	26047	23.14	24	0
				1882.5	26365	23.45	24	0
				1914.3	26683	23.23	24	0
			2	1850.7	26047	23.16	24	0
				1882.5	26365	23.44	24	0
				1914.3	26683	23.16	24	0
			5	1850.7	26047	23.21	24	0
				1882.5	26365	23.47	24	0
				1914.3	26683	23.21	24	0
		3 RB	0	1850.7	26047	23.10	24	0
				1882.5	26365	23.37	24	0
				1914.3	26683	23.10	24	0
			2	1850.7	26047	23.09	24	0
				1882.5	26365	23.39	24	0
				1914.3	26683	23.09	24	0
			3	1850.7	26047	23.10	24	0
				1882.5	26365	23.37	24	0
				1914.3	26683	23.08	24	0
		6RB		1850.7	26047	22.10	23	0-1
				1882.5	26365	22.36	23	0-1
				1914.3	26683	22.10	23	0-1
	16-QAM	1 RB	0	1850.7	26047	22.45	23	0-1
				1882.5	26365	22.75	23	0-1
				1914.3	26683	22.44	23	0-1
			2	1850.7	26047	22.37	23	0-1
				1882.5	26365	22.74	23	0-1
				1914.3	26683	22.47	23	0-1
			5	1850.7	26047	22.55	23	0-1
				1882.5	26365	22.65	23	0-1
				1914.3	26683	22.45	23	0-1
		3 RB	0	1850.7	26047	22.20	23	0-1
				1882.5	26365	22.51	23	0-1
				1914.3	26683	22.15	23	0-1
			2	1850.7	26047	22.16	23	0-1
				1882.5	26365	22.45	23	0-1
				1914.3	26683	22.10	23	0-1
			3	1850.7	26047	22.13	23	0-1
				1882.5	26365	22.46	23	0-1
				1914.3	26683	22.12	23	0-1
		6RB		1850.7	26047	21.10	22	0-2
				1882.5	26365	21.41	22	0-2
				1914.3	26683	21.07	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	1850.7	26047	21.55	22	0-2
				1882.5	26365	21.34	22	0-2
				1914.3	26683	21.30	22	0-2
			2	1850.7	26047	21.56	22	0-2
				1882.5	26365	21.72	22	0-2
				1914.3	26683	21.49	22	0-2
			5	1850.7	26047	21.51	22	0-2
				1882.5	26365	21.41	22	0-2
				1914.3	26683	21.51	22	0-2
		3 RB	0	1850.7	26047	21.41	22	0-2
				1882.5	26365	21.38	22	0-2
				1914.3	26683	21.39	22	0-2
			2	1850.7	26047	21.43	22	0-2
				1882.5	26365	21.50	22	0-2
				1914.3	26683	21.31	22	0-2
			3	1850.7	26047	21.45	22	0-2
				1882.5	26365	21.42	22	0-2
				1914.3	26683	21.23	22	0-2
		6RB		1850.7	26047	20.37	21	0-3
				1882.5	26365	20.48	21	0-3
				1914.3	26683	20.36	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1860	26140	18.37	19	0
				1882.5	26365	18.40	19	0
				1905	26590	18.28	19	0
			50	1860	26140	18.55	19	0
				1882.5	26365	18.74	19	0
				1905	26590	18.53	19	0
			99	1860	26140	18.45	19	0
				1882.5	26365	18.42	19	0
				1905	26590	18.51	19	0
		50 RB	0	1860	26140	18.23	19	0
				1882.5	26365	18.12	19	0
				1905	26590	18.09	19	0
			25	1860	26140	18.13	19	0
				1882.5	26365	18.25	19	0
				1905	26590	18.10	19	0
			50	1860	26140	18.08	19	0
				1882.5	26365	18.21	19	0
				1905	26590	18.06	19	0
		100RB		1860	26140	18.13	19	0
				1882.5	26365	18.21	19	0
				1905	26590	18.11	19	0
	16-QAM	1 RB	0	1860	26140	18.24	19	0
				1882.5	26365	18.32	19	0
				1905	26590	18.15	19	0
			50	1860	26140	18.48	19	0
				1882.5	26365	18.61	19	0
				1905	26590	18.46	19	0
			99	1860	26140	18.24	19	0
				1882.5	26365	18.40	19	0
				1905	26590	18.37	19	0
		50 RB	0	1860	26140	18.19	19	0
				1882.5	26365	17.96	19	0
				1905	26590	17.89	19	0
			25	1860	26140	18.10	19	0
				1882.5	26365	18.19	19	0
				1905	26590	17.95	19	0
			50	1860	26140	17.87	19	0
				1882.5	26365	18.02	19	0
				1905	26590	18.01	19	0
		100RB		1860	26140	18.09	19	0
				1882.5	26365	18.03	19	0
				1905	26590	18.01	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	1860	26140	18.24	19	0
				1882.5	26365	18.27	19	0
				1905	26590	18.09	19	0
			50	1860	26140	18.48	19	0
				1882.5	26365	18.46	19	0
				1905	26590	18.40	19	0
			99	1860	26140	18.24	19	0
				1882.5	26365	18.31	19	0
				1905	26590	18.40	19	0
		50 RB	0	1860	26140	18.02	19	0
				1882.5	26365	18.09	19	0
				1905	26590	17.95	19	0
			25	1860	26140	18.02	19	0
				1882.5	26365	18.10	19	0
				1905	26590	18.07	19	0
			50	1860	26140	18.04	19	0
				1882.5	26365	18.10	19	0
				1905	26590	17.97	19	0
		100RB		1860	26140	18.11	19	0
				1882.5	26365	18.02	19	0
				1905	26590	17.90	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	1857.5	26115	18.37	19	0
				1882.5	26365	18.21	19	0
				1907.5	26615	18.25	19	0
			36	1857.5	26115	18.37	19	0
				1882.5	26365	18.60	19	0
				1907.5	26615	18.34	19	0
			74	1857.5	26115	18.25	19	0
				1882.5	26365	18.35	19	0
				1907.5	26615	18.43	19	0
		36 RB	0	1857.5	26115	18.08	19	0
				1882.5	26365	18.04	19	0
				1907.5	26615	18.03	19	0
			18	1857.5	26115	18.02	19	0
				1882.5	26365	18.04	19	0
				1907.5	26615	18.01	19	0
			37	1857.5	26115	17.98	19	0
				1882.5	26365	18.14	19	0
				1907.5	26615	17.94	19	0
		75RB		1857.5	26115	18.08	19	0
				1882.5	26365	18.03	19	0
				1907.5	26615	18.04	19	0
	16-QAM	1 RB	0	1857.5	26115	18.11	19	0
				1882.5	26365	18.25	19	0
				1907.5	26615	18.06	19	0
			36	1857.5	26115	18.41	19	0
				1882.5	26365	18.43	19	0
				1907.5	26615	18.39	19	0
			74	1857.5	26115	18.16	19	0
				1882.5	26365	18.30	19	0
				1907.5	26615	18.35	19	0
		36 RB	0	1857.5	26115	17.98	19	0
				1882.5	26365	17.75	19	0
				1907.5	26615	17.75	19	0
			18	1857.5	26115	18.04	19	0
				1882.5	26365	18.05	19	0
				1907.5	26615	17.76	19	0
			37	1857.5	26115	17.80	19	0
				1882.5	26365	17.82	19	0
				1907.5	26615	17.95	19	0
		75RB		1857.5	26115	17.94	19	0
				1882.5	26365	17.83	19	0
				1907.5	26615	17.86	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	1857.5	26115	18.08	19	0
				1882.5	26365	18.12	19	0
				1907.5	26615	18.06	19	0
			36	1857.5	26115	18.32	19	0
				1882.5	26365	18.39	19	0
				1907.5	26615	18.33	19	0
			74	1857.5	26115	18.10	19	0
				1882.5	26365	18.20	19	0
				1907.5	26615	18.32	19	0
		36 RB	0	1857.5	26115	17.94	19	0
				1882.5	26365	18.05	19	0
				1907.5	26615	17.91	19	0
			18	1857.5	26115	17.86	19	0
				1882.5	26365	17.91	19	0
				1907.5	26615	17.97	19	0
			37	1857.5	26115	17.95	19	0
				1882.5	26365	17.92	19	0
				1907.5	26615	17.77	19	0
		75RB		1857.5	26115	18.08	19	0
				1882.5	26365	17.82	19	0
				1907.5	26615	17.73	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1855	26090	18.34	19	0
				1882.5	26365	18.29	19	0
				1910	26640	18.24	19	0
			25	1855	26090	18.34	19	0
				1882.5	26365	18.56	19	0
				1910	26640	18.51	19	0
			49	1855	26090	18.40	19	0
				1882.5	26365	18.35	19	0
				1910	26640	18.49	19	0
		25 RB	0	1855	26090	18.17	19	0
				1882.5	26365	17.91	19	0
				1910	26640	17.98	19	0
			12	1855	26090	18.04	19	0
				1882.5	26365	18.12	19	0
				1910	26640	18.07	19	0
			25	1855	26090	17.98	19	0
				1882.5	26365	18.04	19	0
				1910	26640	17.87	19	0
		50RB		1855	26090	17.94	19	0
				1882.5	26365	18.03	19	0
				1910	26640	18.06	19	0
	16-QAM	1 RB	0	1855	26090	18.21	19	0
				1882.5	26365	18.25	19	0
				1910	26640	17.97	19	0
			25	1855	26090	18.32	19	0
				1882.5	26365	18.43	19	0
				1910	26640	18.31	19	0
			49	1855	26090	18.10	19	0
				1882.5	26365	18.20	19	0
				1910	26640	18.32	19	0
		25 RB	0	1855	26090	18.17	19	0
				1882.5	26365	17.84	19	0
				1910	26640	17.82	19	0
			12	1855	26090	17.98	19	0
				1882.5	26365	18.11	19	0
				1910	26640	17.91	19	0
			25	1855	26090	17.79	19	0
				1882.5	26365	17.93	19	0
				1910	26640	17.89	19	0
		50RB		1855	26090	17.99	19	0
				1882.5	26365	17.94	19	0
				1910	26640	17.81	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	1855	26090	18.21	19	0
				1882.5	26365	18.18	19	0
				1910	26640	18.06	19	0
			25	1855	26090	18.34	19	0
				1882.5	26365	18.35	19	0
				1910	26640	18.20	19	0
			49	1855	26090	18.10	19	0
				1882.5	26365	18.17	19	0
				1910	26640	18.37	19	0
		25 RB	0	1855	26090	17.90	19	0
				1882.5	26365	17.95	19	0
				1910	26640	17.88	19	0
			12	1855	26090	17.93	19	0
				1882.5	26365	17.92	19	0
				1910	26640	18.05	19	0
			25	1855	26090	17.90	19	0
				1882.5	26365	17.98	19	0
				1910	26640	17.93	19	0
		50RB		1855	26090	17.96	19	0
				1882.5	26365	17.84	19	0
				1910	26640	17.84	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1852.5	26065	18.27	19	0
				1882.5	26365	18.24	19	0
				1912.5	26665	18.20	19	0
			12	1852.5	26065	18.53	19	0
				1882.5	26365	18.49	19	0
				1912.5	26665	18.37	19	0
			24	1852.5	26065	18.38	19	0
				1882.5	26365	18.38	19	0
				1912.5	26665	18.30	19	0
		12 RB	0	1852.5	26065	18.04	19	0
				1882.5	26365	18.07	19	0
				1912.5	26665	18.07	19	0
			6	1852.5	26065	17.97	19	0
				1882.5	26365	18.23	19	0
				1912.5	26665	17.95	19	0
			13	1852.5	26065	18.05	19	0
				1882.5	26365	18.08	19	0
				1912.5	26665	17.98	19	0
		25RB		1852.5	26065	17.93	19	0
				1882.5	26365	18.05	19	0
				1912.5	26665	18.03	19	0
	16-QAM	1 RB	0	1852.5	26065	18.09	19	0
				1882.5	26365	18.30	19	0
				1912.5	26665	17.98	19	0
			12	1852.5	26065	18.34	19	0
				1882.5	26365	18.40	19	0
				1912.5	26665	18.25	19	0
			24	1852.5	26065	18.15	19	0
				1882.5	26365	18.34	19	0
				1912.5	26665	18.26	19	0
		12 RB	0	1852.5	26065	18.04	19	0
				1882.5	26365	17.91	19	0
				1912.5	26665	17.85	19	0
			6	1852.5	26065	18.02	19	0
				1882.5	26365	18.01	19	0
				1912.5	26665	17.82	19	0
			13	1852.5	26065	17.83	19	0
				1882.5	26365	17.88	19	0
				1912.5	26665	17.94	19	0
		25RB		1852.5	26065	18.05	19	0
				1882.5	26365	17.90	19	0
				1912.5	26665	17.83	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	1852.5	26065	18.12	19	0
				1882.5	26365	18.16	19	0
				1912.5	26665	17.91	19	0
			12	1852.5	26065	18.28	19	0
				1882.5	26365	18.26	19	0
				1912.5	26665	18.27	19	0
			24	1852.5	26065	18.06	19	0
				1882.5	26365	18.17	19	0
				1912.5	26665	18.31	19	0
		12 RB	0	1852.5	26065	18.00	19	0
				1882.5	26365	18.00	19	0
				1912.5	26665	17.78	19	0
			6	1852.5	26065	17.91	19	0
				1882.5	26365	17.89	19	0
				1912.5	26665	17.88	19	0
			13	1852.5	26065	17.85	19	0
				1882.5	26365	18.03	19	0
				1912.5	26665	17.95	19	0
		25RB		1852.5	26065	17.94	19	0
				1882.5	26365	17.83	19	0
				1912.5	26665	17.80	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1851.5	26055	18.20	19	0
				1882.5	26365	18.36	19	0
				1913.5	26675	18.25	19	0
			7	1851.5	26055	18.45	19	0
				1882.5	26365	18.43	19	0
				1913.5	26675	18.41	19	0
			14	1851.5	26055	18.33	19	0
				1882.5	26365	18.26	19	0
				1913.5	26675	18.44	19	0
		8 RB	0	1851.5	26055	18.21	19	0
				1882.5	26365	17.96	19	0
				1913.5	26675	17.96	19	0
			4	1851.5	26055	18.11	19	0
				1882.5	26365	18.05	19	0
				1913.5	26675	18.01	19	0
			7	1851.5	26055	18.06	19	0
				1882.5	26365	18.17	19	0
				1913.5	26675	17.89	19	0
		15RB		1851.5	26055	18.07	19	0
				1882.5	26365	18.01	19	0
				1913.5	26675	18.01	19	0
	16-QAM	1 RB	0	1851.5	26055	18.15	19	0
				1882.5	26365	18.13	19	0
				1913.5	26675	18.09	19	0
			7	1851.5	26055	18.45	19	0
				1882.5	26365	18.40	19	0
				1913.5	26675	18.36	19	0
			14	1851.5	26055	18.20	19	0
				1882.5	26365	18.30	19	0
				1913.5	26675	18.29	19	0
		8 RB	0	1851.5	26055	18.05	19	0
				1882.5	26365	17.78	19	0
				1913.5	26675	17.85	19	0
			4	1851.5	26055	17.99	19	0
				1882.5	26365	18.14	19	0
				1913.5	26675	17.76	19	0
			7	1851.5	26055	17.85	19	0
				1882.5	26365	17.85	19	0
				1913.5	26675	17.87	19	0
		15RB		1851.5	26055	17.96	19	0
				1882.5	26365	17.93	19	0
				1913.5	26675	17.93	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	1851.5	26055	18.15	19	0
				1882.5	26365	18.10	19	0
				1913.5	26675	18.03	19	0
			7	1851.5	26055	18.32	19	0
				1882.5	26365	18.44	19	0
				1913.5	26675	18.24	19	0
			14	1851.5	26055	18.11	19	0
				1882.5	26365	18.26	19	0
				1913.5	26675	18.22	19	0
		8 RB	0	1851.5	26055	17.95	19	0
				1882.5	26365	18.01	19	0
				1913.5	26675	17.89	19	0
			4	1851.5	26055	17.95	19	0
				1882.5	26365	17.94	19	0
				1913.5	26675	18.01	19	0
			7	1851.5	26055	17.83	19	0
				1882.5	26365	17.90	19	0
				1913.5	26675	17.88	19	0
		15RB		1851.5	26055	18.09	19	0
				1882.5	26365	17.93	19	0
				1913.5	26675	17.79	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1850.7	26047	18.20	19	0
				1882.5	26365	18.22	19	0
				1914.3	26683	18.13	19	0
			2	1850.7	26047	18.44	19	0
				1882.5	26365	18.57	19	0
				1914.3	26683	18.35	19	0
			5	1850.7	26047	18.33	19	0
				1882.5	26365	18.28	19	0
				1914.3	26683	18.36	19	0
		3 RB	0	1850.7	26047	18.04	19	0
				1882.5	26365	18.10	19	0
				1914.3	26683	17.94	19	0
			2	1850.7	26047	17.92	19	0
				1882.5	26365	18.08	19	0
				1914.3	26683	17.99	19	0
			3	1850.7	26047	17.94	19	0
				1882.5	26365	18.08	19	0
				1914.3	26683	17.86	19	0
		6RB		1850.7	26047	18.09	19	0
				1882.5	26365	18.18	19	0
				1914.3	26683	18.08	19	0
	16-QAM	1 RB	0	1850.7	26047	18.07	19	0
				1882.5	26365	18.26	19	0
				1914.3	26683	18.07	19	0
			2	1850.7	26047	18.37	19	0
				1882.5	26365	18.41	19	0
				1914.3	26683	18.40	19	0
			5	1850.7	26047	18.04	19	0
				1882.5	26365	18.21	19	0
				1914.3	26683	18.18	19	0
		3 RB	0	1850.7	26047	17.98	19	0
				1882.5	26365	17.81	19	0
				1914.3	26683	17.73	19	0
			2	1850.7	26047	17.90	19	0
				1882.5	26365	18.14	19	0
				1914.3	26683	17.90	19	0
			3	1850.7	26047	17.82	19	0
				1882.5	26365	17.82	19	0
				1914.3	26683	17.92	19	0
		6RB		1850.7	26047	18.04	19	0
				1882.5	26365	17.95	19	0
				1914.3	26683	17.94	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 25 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	1850.7	26047	18.11	19	0
				1882.5	26365	18.07	19	0
				1914.3	26683	17.93	19	0
			2	1850.7	26047	18.41	19	0
				1882.5	26365	18.28	19	0
				1914.3	26683	18.24	19	0
			5	1850.7	26047	18.20	19	0
				1882.5	26365	18.25	19	0
				1914.3	26683	18.34	19	0
		3 RB	0	1850.7	26047	17.82	19	0
				1882.5	26365	18.00	19	0
				1914.3	26683	17.91	19	0
			2	1850.7	26047	17.96	19	0
				1882.5	26365	18.01	19	0
				1914.3	26683	18.05	19	0
			3	1850.7	26047	17.88	19	0
				1882.5	26365	18.02	19	0
				1914.3	26683	17.88	19	0
		6RB		1850.7	26047	18.07	19	0
				1882.5	26365	17.99	19	0
				1914.3	26683	17.82	19	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 26 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	821.5	26765	23.47	25	0
				831.5	26865	23.52	25	0
				841.5	26965	23.64	25	0
			36	821.5	26765	23.59	25	0
				831.5	26865	23.49	25	0
				841.5	26965	23.49	25	0
			74	821.5	26765	23.51	25	0
				831.5	26865	23.43	25	0
				841.5	26965	23.50	25	0
		36 RB	0	821.5	26765	22.55	24	0-1
				831.5	26865	22.35	24	0-1
				841.5	26965	22.39	24	0-1
			18	821.5	26765	22.50	24	0-1
				831.5	26865	22.47	24	0-1
				841.5	26965	22.44	24	0-1
			37	821.5	26765	22.42	24	0-1
				831.5	26865	22.46	24	0-1
				841.5	26965	22.49	24	0-1
		75RB		821.5	26765	22.53	24	0-1
				831.5	26865	22.52	24	0-1
				841.5	26965	22.54	24	0-1
	16-QAM	1 RB	0	821.5	26765	22.88	24	0-1
				831.5	26865	22.68	24	0-1
				841.5	26965	22.77	24	0-1
			36	821.5	26765	22.85	24	0-1
				831.5	26865	22.80	24	0-1
				841.5	26965	22.74	24	0-1
			74	821.5	26765	22.78	24	0-1
				831.5	26865	22.80	24	0-1
				841.5	26965	22.84	24	0-1
		36 RB	0	821.5	26765	21.62	23	0-2
				831.5	26865	21.41	23	0-2
				841.5	26965	21.45	23	0-2
			18	821.5	26765	21.57	23	0-2
				831.5	26865	21.55	23	0-2
				841.5	26965	21.50	23	0-2
			37	821.5	26765	21.46	23	0-2
				831.5	26865	21.53	23	0-2
				841.5	26965	21.53	23	0-2
		75RB		821.5	26765	21.56	23	0-2
				831.5	26865	21.55	23	0-2
				841.5	26965	21.55	23	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 26 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	821.5	26765	21.83	23	0-2
				831.5	26865	21.62	23	0-2
				841.5	26965	21.73	23	0-2
			36	821.5	26765	21.81	23	0-2
				831.5	26865	21.74	23	0-2
				841.5	26965	21.65	23	0-2
			74	821.5	26765	21.71	23	0-2
				831.5	26865	21.78	23	0-2
				841.5	26965	21.79	23	0-2
		36 RB	0	821.5	26765	20.55	22	0-3
				831.5	26865	20.33	22	0-3
				841.5	26965	20.45	22	0-3
			18	821.5	26765	20.53	22	0-3
				831.5	26865	20.46	22	0-3
				841.5	26965	20.44	22	0-3
			37	821.5	26765	20.44	22	0-3
				831.5	26865	20.45	22	0-3
				841.5	26965	20.46	22	0-3
		75RB		821.5	26765	20.48	22	0-3
				831.5	26865	20.46	22	0-3
				841.5	26965	20.51	22	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 26 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	819	26740	23.38	25	0
				831.5	26865	23.32	25	0
				844	26990	23.43	25	0
			25	819	26740	23.39	25	0
				831.5	26865	23.40	25	0
				844	26990	23.47	25	0
			49	819	26740	23.39	25	0
				831.5	26865	23.49	25	0
				844	26990	23.60	25	0
		25 RB	0	819	26740	22.43	24	0-1
				831.5	26865	22.20	24	0-1
				844	26990	22.34	24	0-1
			12	819	26740	22.33	24	0-1
				831.5	26865	22.30	24	0-1
				844	26990	22.28	24	0-1
			25	819	26740	22.36	24	0-1
				831.5	26865	22.39	24	0-1
				844	26990	22.30	24	0-1
		50RB		819	26740	22.44	24	0-1
				831.5	26865	22.34	24	0-1
				844	26990	22.37	24	0-1
	16-QAM	1 RB	0	819	26740	22.86	24	0-1
				831.5	26865	22.65	24	0-1
				844	26990	22.67	24	0-1
			25	819	26740	22.83	24	0-1
				831.5	26865	22.72	24	0-1
				844	26990	22.53	24	0-1
			49	819	26740	22.61	24	0-1
				831.5	26865	22.77	24	0-1
				844	26990	22.66	24	0-1
		25 RB	0	819	26740	21.42	23	0-2
				831.5	26865	21.34	23	0-2
				844	26990	21.28	23	0-2
			12	819	26740	21.54	23	0-2
				831.5	26865	21.50	23	0-2
				844	26990	21.48	23	0-2
			25	819	26740	21.38	23	0-2
				831.5	26865	21.44	23	0-2
				844	26990	21.47	23	0-2
		50RB		819	26740	21.44	23	0-2
				831.5	26865	21.45	23	0-2
				844	26990	21.36	23	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 26 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	819	26740	21.77	23	0-2
				831.5	26865	21.54	23	0-2
				844	26990	21.67	23	0-2
			25	819	26740	21.80	23	0-2
				831.5	26865	21.72	23	0-2
				844	26990	21.58	23	0-2
			49	819	26740	21.64	23	0-2
				831.5	26865	21.70	23	0-2
				844	26990	21.71	23	0-2
		25 RB	0	819	26740	20.54	22	0-3
				831.5	26865	20.29	22	0-3
				844	26990	20.44	22	0-3
			12	819	26740	20.48	22	0-3
				831.5	26865	20.45	22	0-3
				844	26990	20.39	22	0-3
			25	819	26740	20.39	22	0-3
				831.5	26865	20.42	22	0-3
				844	26990	20.38	22	0-3
		50RB		819	26740	20.43	22	0-3
				831.5	26865	20.43	22	0-3
				844	26990	20.50	22	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 26 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	816.5	26715	23.19	25	0
				831.5	26865	23.24	25	0
				846.5	27015	23.30	25	0
			12	816.5	26715	23.20	25	0
				831.5	26865	23.35	25	0
				846.5	27015	23.30	25	0
			24	816.5	26715	23.31	25	0
				831.5	26865	23.47	25	0
				846.5	27015	23.53	25	0
		12 RB	0	816.5	26715	22.24	24	0-1
				831.5	26865	22.14	24	0-1
				846.5	27015	22.18	24	0-1
			6	816.5	26715	22.24	24	0-1
				831.5	26865	22.19	24	0-1
				846.5	27015	22.09	24	0-1
			13	816.5	26715	22.18	24	0-1
				831.5	26865	22.21	24	0-1
				846.5	27015	22.15	24	0-1
		25RB		816.5	26715	22.27	24	0-1
				831.5	26865	22.32	24	0-1
				846.5	27015	22.26	24	0-1
	16-QAM	1 RB	0	816.5	26715	22.80	24	0-1
				831.5	26865	22.62	24	0-1
				846.5	27015	22.50	24	0-1
			12	816.5	26715	22.71	24	0-1
				831.5	26865	22.54	24	0-1
				846.5	27015	22.46	24	0-1
			24	816.5	26715	22.48	24	0-1
				831.5	26865	22.59	24	0-1
				846.5	27015	22.62	24	0-1
		12 RB	0	816.5	26715	21.30	23	0-2
				831.5	26865	21.19	23	0-2
				846.5	27015	21.16	23	0-2
			6	816.5	26715	21.43	23	0-2
				831.5	26865	21.39	23	0-2
				846.5	27015	21.30	23	0-2
			13	816.5	26715	21.33	23	0-2
				831.5	26865	21.42	23	0-2
				846.5	27015	21.26	23	0-2
		25RB		816.5	26715	21.42	23	0-2
				831.5	26865	21.38	23	0-2
				846.5	27015	21.23	23	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 26 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	816.5	26715	21.75	23	0-2
				831.5	26865	21.62	23	0-2
				846.5	27015	21.68	23	0-2
			12	816.5	26715	21.78	23	0-2
				831.5	26865	21.72	23	0-2
				846.5	27015	21.60	23	0-2
			24	816.5	26715	21.65	23	0-2
				831.5	26865	21.77	23	0-2
				846.5	27015	21.76	23	0-2
		12 RB	0	816.5	26715	20.53	22	0-3
				831.5	26865	20.29	22	0-3
				846.5	27015	20.39	22	0-3
			6	816.5	26715	20.47	22	0-3
				831.5	26865	20.37	22	0-3
				846.5	27015	20.35	22	0-3
			13	816.5	26715	20.36	22	0-3
				831.5	26865	20.38	22	0-3
				846.5	27015	20.39	22	0-3
		25RB		816.5	26715	20.45	22	0-3
				831.5	26865	20.45	22	0-3
				846.5	27015	20.49	22	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 26 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	815.5	26705	23.13	25	0
				831.5	26865	23.14	25	0
				847.5	27025	23.20	25	0
			7	815.5	26705	23.15	25	0
				831.5	26865	23.31	25	0
				847.5	27025	23.26	25	0
			14	815.5	26705	23.21	25	0
				831.5	26865	23.42	25	0
				847.5	27025	23.36	25	0
		8 RB	0	815.5	26705	22.08	24	0-1
				831.5	26865	22.09	24	0-1
				847.5	27025	22.09	24	0-1
			4	815.5	26705	22.18	24	0-1
				831.5	26865	22.03	24	0-1
				847.5	27025	22.07	24	0-1
			7	815.5	26705	22.11	24	0-1
				831.5	26865	22.18	24	0-1
				847.5	27025	22.13	24	0-1
		15RB		815.5	26705	22.07	24	0-1
				831.5	26865	22.26	24	0-1
				847.5	27025	22.16	24	0-1
	16-QAM	1 RB	0	815.5	26705	22.63	24	0-1
				831.5	26865	22.41	24	0-1
				847.5	27025	22.48	24	0-1
			7	815.5	26705	22.54	24	0-1
				831.5	26865	22.47	24	0-1
				847.5	27025	22.43	24	0-1
			14	815.5	26705	22.39	24	0-1
				831.5	26865	22.54	24	0-1
				847.5	27025	22.43	24	0-1
		8 RB	0	815.5	26705	21.24	23	0-2
				831.5	26865	21.03	23	0-2
				847.5	27025	21.11	23	0-2
			4	815.5	26705	21.31	23	0-2
				831.5	26865	21.28	23	0-2
				847.5	27025	21.27	23	0-2
			7	815.5	26705	21.25	23	0-2
				831.5	26865	21.37	23	0-2
				847.5	27025	21.21	23	0-2
		15RB		815.5	26705	21.37	23	0-2
				831.5	26865	21.18	23	0-2
				847.5	27025	21.02	23	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 26 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	815.5	26705	21.82	23	0-2
				831.5	26865	21.55	23	0-2
				847.5	27025	21.71	23	0-2
			7	815.5	26705	21.72	23	0-2
				831.5	26865	21.68	23	0-2
				847.5	27025	21.58	23	0-2
			14	815.5	26705	21.63	23	0-2
				831.5	26865	21.74	23	0-2
				847.5	27025	21.72	23	0-2
		8 RB	0	815.5	26705	20.52	22	0-3
				831.5	26865	20.29	22	0-3
				847.5	27025	20.43	22	0-3
			4	815.5	26705	20.49	22	0-3
				831.5	26865	20.41	22	0-3
				847.5	27025	20.37	22	0-3
			7	815.5	26705	20.37	22	0-3
				831.5	26865	20.36	22	0-3
				847.5	27025	20.44	22	0-3
		15RB		815.5	26705	20.48	22	0-3
				831.5	26865	20.46	22	0-3
				847.5	27025	20.43	22	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 26 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	814.7	26697	23.50	25	0
				831.5	26865	23.46	25	0
				848.3	27033	23.55	25	0
			2	814.7	26697	23.50	25	0
				831.5	26865	23.46	25	0
				848.3	27033	23.55	25	0
			5	814.7	26697	23.52	25	0
				831.5	26865	23.47	25	0
				848.3	27033	23.49	25	0
		3 RB	0	814.7	26697	23.48	25	0
				831.5	26865	23.46	25	0
				848.3	27033	23.56	25	0
			2	814.7	26697	23.47	25	0
				831.5	26865	23.45	25	0
				848.3	27033	23.51	25	0
			3	814.7	26697	23.49	25	0
				831.5	26865	23.45	25	0
				848.3	27033	23.49	25	0
		6RB		814.7	26697	22.49	24	0-1
				831.5	26865	22.48	24	0-1
				848.3	27033	22.56	24	0-1
	16-QAM	1 RB	0	814.7	26697	22.76	24	0-1
				831.5	26865	22.78	24	0-1
				848.3	27033	22.74	24	0-1
			2	814.7	26697	22.81	24	0-1
				831.5	26865	22.85	24	0-1
				848.3	27033	22.77	24	0-1
			5	814.7	26697	22.80	24	0-1
				831.5	26865	22.81	24	0-1
				848.3	27033	22.74	24	0-1
		3 RB	0	814.7	26697	22.56	24	0-1
				831.5	26865	22.59	24	0-1
				848.3	27033	22.63	24	0-1
			2	814.7	26697	22.56	24	0-1
				831.5	26865	22.54	24	0-1
				848.3	27033	22.56	24	0-1
			3	814.7	26697	22.55	24	0-1
				831.5	26865	22.60	24	0-1
				848.3	27033	22.60	24	0-1
		6RB		814.7	26697	21.54	23	0-2
				831.5	26865	21.57	23	0-2
				848.3	27033	21.52	23	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 26 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	814.7	26697	21.83	23	0-2
				831.5	26865	21.57	23	0-2
				848.3	27033	21.64	23	0-2
			2	814.7	26697	21.77	23	0-2
				831.5	26865	21.70	23	0-2
				848.3	27033	21.58	23	0-2
			5	814.7	26697	21.71	23	0-2
				831.5	26865	21.75	23	0-2
				848.3	27033	21.75	23	0-2
		3 RB	0	814.7	26697	21.52	23	0-2
				831.5	26865	21.25	23	0-2
				848.3	27033	21.42	23	0-2
			2	814.7	26697	21.50	23	0-2
				831.5	26865	21.41	23	0-2
				848.3	27033	21.39	23	0-2
			3	814.7	26697	21.42	23	0-2
				831.5	26865	21.42	23	0-2
				848.3	27033	21.38	23	0-2
		6RB		814.7	26697	20.45	22	0-3
				831.5	26865	20.44	22	0-3
				848.3	27033	20.48	22	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 26 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	821.5	26765	20.81	21	0
				831.5	26865	20.92	21	0
				841.5	26965	21.00	21	0
			36	821.5	26765	20.87	21	0
				831.5	26865	20.89	21	0
				841.5	26965	20.84	21	0
			74	821.5	26765	20.84	21	0
				831.5	26865	20.88	21	0
				841.5	26965	20.99	21	0
		36 RB	0	821.5	26765	20.46	21	0
				831.5	26865	20.24	21	0
				841.5	26965	20.28	21	0
			18	821.5	26765	20.42	21	0
				831.5	26865	20.39	21	0
				841.5	26965	20.34	21	0
			37	821.5	26765	20.33	21	0
				831.5	26865	20.36	21	0
				841.5	26965	20.38	21	0
		75RB		821.5	26765	20.43	21	0
				831.5	26865	20.42	21	0
				841.5	26965	20.45	21	0
	16-QAM	1 RB	0	821.5	26765	20.78	21	0
				831.5	26865	20.89	21	0
				841.5	26965	20.97	21	0
			36	821.5	26765	20.84	21	0
				831.5	26865	20.86	21	0
				841.5	26965	20.81	21	0
			74	821.5	26765	20.81	21	0
				831.5	26865	20.85	21	0
				841.5	26965	20.96	21	0
		36 RB	0	821.5	26765	20.43	21	0
				831.5	26865	20.21	21	0
				841.5	26965	20.25	21	0
			18	821.5	26765	20.39	21	0
				831.5	26865	20.36	21	0
				841.5	26965	20.31	21	0
			37	821.5	26765	20.30	21	0
				831.5	26865	20.33	21	0
				841.5	26965	20.35	21	0
		75RB		821.5	26765	20.40	21	0
				831.5	26865	20.39	21	0
				841.5	26965	20.42	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 26 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	821.5	26765	20.75	21	0
				831.5	26865	20.86	21	0
				841.5	26965	20.94	21	0
			36	821.5	26765	20.81	21	0
				831.5	26865	20.83	21	0
				841.5	26965	20.78	21	0
			74	821.5	26765	20.78	21	0
				831.5	26865	20.82	21	0
				841.5	26965	20.93	21	0
		36 RB	0	821.5	26765	20.40	21	0
				831.5	26865	20.18	21	0
				841.5	26965	20.22	21	0
			18	821.5	26765	20.36	21	0
				831.5	26865	20.33	21	0
				841.5	26965	20.28	21	0
			37	821.5	26765	20.27	21	0
				831.5	26865	20.30	21	0
				841.5	26965	20.32	21	0
		75RB		821.5	26765	20.37	21	0
				831.5	26865	20.36	21	0
				841.5	26965	20.39	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 26 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	819	26740	20.78	21	0
				831.5	26865	20.89	21	0
				844	26990	20.87	21	0
			25	819	26740	20.84	21	0
				831.5	26865	20.86	21	0
				844	26990	20.81	21	0
			49	819	26740	20.81	21	0
				831.5	26865	20.85	21	0
				844	26990	20.96	21	0
		25 RB	0	819	26740	20.43	21	0
				831.5	26865	20.21	21	0
				844	26990	20.25	21	0
			12	819	26740	20.39	21	0
				831.5	26865	20.36	21	0
				844	26990	20.31	21	0
			25	819	26740	20.30	21	0
				831.5	26865	20.33	21	0
				844	26990	20.35	21	0
		50RB		819	26740	20.40	21	0
				831.5	26865	20.39	21	0
				844	26990	20.42	21	0
	16-QAM	1 RB	0	819	26740	20.75	21	0
				831.5	26865	20.86	21	0
				844	26990	20.94	21	0
			25	819	26740	20.81	21	0
				831.5	26865	20.83	21	0
				844	26990	20.78	21	0
			49	819	26740	20.78	21	0
				831.5	26865	20.82	21	0
				844	26990	20.93	21	0
		25 RB	0	819	26740	20.40	21	0
				831.5	26865	20.18	21	0
				844	26990	20.22	21	0
			12	819	26740	20.36	21	0
				831.5	26865	20.33	21	0
				844	26990	20.28	21	0
			25	819	26740	20.27	21	0
				831.5	26865	20.30	21	0
				844	26990	20.32	21	0
		50RB		819	26740	20.37	21	0
				831.5	26865	20.36	21	0
				844	26990	20.39	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 26 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	819	26740	20.72	21	0
				831.5	26865	20.83	21	0
				844	26990	20.91	21	0
			25	819	26740	20.78	21	0
				831.5	26865	20.80	21	0
				844	26990	20.75	21	0
			49	819	26740	20.75	21	0
				831.5	26865	20.79	21	0
				844	26990	20.90	21	0
		25 RB	0	819	26740	20.37	21	0
				831.5	26865	20.15	21	0
				844	26990	20.19	21	0
			12	819	26740	20.33	21	0
				831.5	26865	20.30	21	0
				844	26990	20.25	21	0
			25	819	26740	20.24	21	0
				831.5	26865	20.27	21	0
				844	26990	20.29	21	0
		50RB		819	26740	20.34	21	0
				831.5	26865	20.33	21	0
				844	26990	20.36	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 26 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	816.5	26715	20.78	21	0
				831.5	26865	20.89	21	0
				846.5	27015	20.97	21	0
			12	816.5	26715	20.84	21	0
				831.5	26865	20.86	21	0
				846.5	27015	20.81	21	0
			24	816.5	26715	20.81	21	0
				831.5	26865	20.85	21	0
				846.5	27015	20.96	21	0
		12 RB	0	816.5	26715	20.43	21	0
				831.5	26865	20.21	21	0
				846.5	27015	20.25	21	0
			6	816.5	26715	20.39	21	0
				831.5	26865	20.36	21	0
				846.5	27015	20.31	21	0
			13	816.5	26715	20.30	21	0
				831.5	26865	20.33	21	0
				846.5	27015	20.35	21	0
		25RB		816.5	26715	20.40	21	0
				831.5	26865	20.39	21	0
				846.5	27015	20.42	21	0
	16-QAM	1 RB	0	816.5	26715	20.75	21	0
				831.5	26865	20.86	21	0
				846.5	27015	20.94	21	0
			12	816.5	26715	20.81	21	0
				831.5	26865	20.83	21	0
				846.5	27015	20.78	21	0
			24	816.5	26715	20.78	21	0
				831.5	26865	20.82	21	0
				846.5	27015	20.93	21	0
		12 RB	0	816.5	26715	20.40	21	0
				831.5	26865	20.18	21	0
				846.5	27015	20.22	21	0
			6	816.5	26715	20.36	21	0
				831.5	26865	20.33	21	0
				846.5	27015	20.28	21	0
			13	816.5	26715	20.27	21	0
				831.5	26865	20.30	21	0
				846.5	27015	20.32	21	0
		25RB		816.5	26715	20.37	21	0
				831.5	26865	20.36	21	0
				846.5	27015	20.39	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 26 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	816.5	26715	20.72	21	0
				831.5	26865	20.83	21	0
				846.5	27015	20.91	21	0
			12	816.5	26715	20.78	21	0
				831.5	26865	20.80	21	0
				846.5	27015	20.75	21	0
			24	816.5	26715	20.75	21	0
				831.5	26865	20.79	21	0
				846.5	27015	20.90	21	0
		12 RB	0	816.5	26715	20.37	21	0
				831.5	26865	20.15	21	0
				846.5	27015	20.19	21	0
			6	816.5	26715	20.33	21	0
				831.5	26865	20.30	21	0
				846.5	27015	20.25	21	0
			13	816.5	26715	20.24	21	0
				831.5	26865	20.27	21	0
				846.5	27015	20.29	21	0
		25RB		816.5	26715	20.34	21	0
				831.5	26865	20.33	21	0
				846.5	27015	20.36	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 26 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	815.5	26705	20.78	21	0
				831.5	26865	20.89	21	0
				847.5	27025	20.97	21	0
			7	815.5	26705	20.84	21	0
				831.5	26865	20.86	21	0
				847.5	27025	20.81	21	0
			14	815.5	26705	20.81	21	0
				831.5	26865	20.85	21	0
				847.5	27025	20.96	21	0
		8 RB	0	815.5	26705	20.43	21	0
				831.5	26865	20.21	21	0
				847.5	27025	20.25	21	0
			4	815.5	26705	20.39	21	0
				831.5	26865	20.36	21	0
				847.5	27025	20.31	21	0
			7	815.5	26705	20.30	21	0
				831.5	26865	20.33	21	0
				847.5	27025	20.35	21	0
		15RB		815.5	26705	20.40	21	0
				831.5	26865	20.39	21	0
				847.5	27025	20.42	21	0
	16-QAM	1 RB	0	815.5	26705	20.75	21	0
				831.5	26865	20.86	21	0
				847.5	27025	20.94	21	0
			7	815.5	26705	20.81	21	0
				831.5	26865	20.83	21	0
				847.5	27025	20.78	21	0
			14	815.5	26705	20.78	21	0
				831.5	26865	20.82	21	0
				847.5	27025	20.93	21	0
		8 RB	0	815.5	26705	20.40	21	0
				831.5	26865	20.18	21	0
				847.5	27025	20.22	21	0
			4	815.5	26705	20.36	21	0
				831.5	26865	20.33	21	0
				847.5	27025	20.28	21	0
			7	815.5	26705	20.27	21	0
				831.5	26865	20.30	21	0
				847.5	27025	20.32	21	0
		15RB		815.5	26705	20.37	21	0
				831.5	26865	20.36	21	0
				847.5	27025	20.39	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 26 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	815.5	26705	20.72	21	0
				831.5	26865	20.83	21	0
				847.5	27025	20.91	21	0
			7	815.5	26705	20.78	21	0
				831.5	26865	20.80	21	0
				847.5	27025	20.75	21	0
			14	815.5	26705	20.75	21	0
				831.5	26865	20.79	21	0
				847.5	27025	20.90	21	0
		8 RB	0	815.5	26705	20.37	21	0
				831.5	26865	20.15	21	0
				847.5	27025	20.19	21	0
			4	815.5	26705	20.33	21	0
				831.5	26865	20.30	21	0
				847.5	27025	20.25	21	0
			7	815.5	26705	20.24	21	0
				831.5	26865	20.27	21	0
				847.5	27025	20.29	21	0
		15RB		815.5	26705	20.34	21	0
				831.5	26865	20.33	21	0
				847.5	27025	20.36	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 26 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	814.7	26697	20.78	21	0
				831.5	26865	20.89	21	0
				848.3	27033	20.97	21	0
			2	814.7	26697	20.84	21	0
				831.5	26865	20.86	21	0
				848.3	27033	20.81	21	0
			5	814.7	26697	20.81	21	0
				831.5	26865	20.85	21	0
				848.3	27033	20.96	21	0
		3 RB	0	814.7	26697	20.43	21	0
				831.5	26865	20.21	21	0
				848.3	27033	20.25	21	0
			2	814.7	26697	20.39	21	0
				831.5	26865	20.36	21	0
				848.3	27033	20.31	21	0
			3	814.7	26697	20.30	21	0
				831.5	26865	20.33	21	0
				848.3	27033	20.35	21	0
		6RB		814.7	26697	20.40	21	0
				831.5	26865	20.39	21	0
				848.3	27033	20.42	21	0
	16-QAM	1 RB	0	814.7	26697	20.75	21	0
				831.5	26865	20.86	21	0
				848.3	27033	20.94	21	0
			2	814.7	26697	20.81	21	0
				831.5	26865	20.83	21	0
				848.3	27033	20.78	21	0
			5	814.7	26697	20.78	21	0
				831.5	26865	20.82	21	0
				848.3	27033	20.93	21	0
		3 RB	0	814.7	26697	20.40	21	0
				831.5	26865	20.18	21	0
				848.3	27033	20.22	21	0
			2	814.7	26697	20.36	21	0
				831.5	26865	20.33	21	0
				848.3	27033	20.28	21	0
			3	814.7	26697	20.27	21	0
				831.5	26865	20.30	21	0
				848.3	27033	20.32	21	0
		6RB		814.7	26697	20.37	21	0
				831.5	26865	20.36	21	0
				848.3	27033	20.39	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 26 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	814.7	26697	20.72	21	0
				831.5	26865	20.83	21	0
				848.3	27033	20.91	21	0
			2	814.7	26697	20.78	21	0
				831.5	26865	20.80	21	0
				848.3	27033	20.75	21	0
			5	814.7	26697	20.75	21	0
				831.5	26865	20.79	21	0
				848.3	27033	20.90	21	0
		3 RB	0	814.7	26697	20.37	21	0
				831.5	26865	20.15	21	0
				848.3	27033	20.19	21	0
			2	814.7	26697	20.33	21	0
				831.5	26865	20.30	21	0
				848.3	27033	20.25	21	0
			3	814.7	26697	20.24	21	0
				831.5	26865	20.27	21	0
				848.3	27033	20.29	21	0
		6RB		814.7	26697	20.34	21	0
				831.5	26865	20.33	21	0
				848.3	27033	20.36	21	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 30 (Full Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	2310	27710	19.98	20	0
			25	2310	27710	19.84	20	0
			49	2310	27710	19.87	20	0
		25 RB	0	2310	27710	18.75	19	0-1
			12	2310	27710	18.73	19	0-1
			25	2310	27710	18.65	19	0-1
		50RB		2310	27710	18.83	19	0-1
	16-QAM	1 RB	0	2310	27710	18.98	19	0-1
			25	2310	27710	18.94	19	0-1
			49	2310	27710	18.90	19	0-1
		25 RB	0	2310	27710	17.41	18	0-2
			12	2310	27710	17.39	18	0-2
			25	2310	27710	17.28	18	0-2
		50RB		2310	27710	17.43	18	0-2
	64-QAM	1 RB	0	2310	27710	17.91	18	0-2
			25	2310	27710	17.92	18	0-2
			49	2310	27710	17.98	18	0-2
		25 RB	0	2310	27710	16.41	17	0-3
			12	2310	27710	16.61	17	0-3
			25	2310	27710	16.51	17	0-3
		50RB		2310	27710	16.43	17	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 30 (Full Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	2307.5	27685	19.91	20	0
				2310	27710	19.87	20	0
				2312.5	27735	19.90	20	0
			12	2307.5	27685	19.85	20	0
				2310	27710	19.93	20	0
				2312.5	27735	19.78	20	0
			24	2307.5	27685	19.80	20	0
				2310	27710	19.76	20	0
				2312.5	27735	19.93	20	0
		12 RB	0	2307.5	27685	18.86	19	0-1
				2310	27710	18.66	19	0-1
				2312.5	27735	18.71	19	0-1
			6	2307.5	27685	18.57	19	0-1
				2310	27710	18.66	19	0-1
				2312.5	27735	18.55	19	0-1
			13	2307.5	27685	18.60	19	0-1
				2310	27710	18.75	19	0-1
				2312.5	27735	18.69	19	0-1
		25RB		2307.5	27685	18.65	19	0-1
				2310	27710	18.73	19	0-1
				2312.5	27735	18.60	19	0-1
	16-QAM	1 RB	0	2307.5	27685	18.99	19	0-1
				2310	27710	18.84	19	0-1
				2312.5	27735	18.94	19	0-1
			12	2307.5	27685	18.83	19	0-1
				2310	27710	18.95	19	0-1
				2312.5	27735	18.83	19	0-1
			24	2307.5	27685	18.73	19	0-1
				2310	27710	18.72	19	0-1
				2312.5	27735	18.82	19	0-1
		12 RB	0	2307.5	27685	17.94	18	0-2
				2310	27710	17.74	18	0-2
				2312.5	27735	17.72	18	0-2
			6	2307.5	27685	17.65	18	0-2
				2310	27710	17.75	18	0-2
				2312.5	27735	17.60	18	0-2
			13	2307.5	27685	17.70	18	0-2
				2310	27710	17.78	18	0-2
				2312.5	27735	17.74	18	0-2
		25RB		2307.5	27685	17.68	18	0-2
				2310	27710	17.72	18	0-2
				2312.5	27735	17.62	18	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 30 (Full Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	2307.5	27685	17.91	18	0-2
				2310	27710	17.83	18	0-2
				2312.5	27735	17.89	18	0-2
			12	2307.5	27685	17.79	18	0-2
				2310	27710	17.87	18	0-2
				2312.5	27735	17.83	18	0-2
			24	2307.5	27685	17.64	18	0-2
				2310	27710	17.71	18	0-2
				2312.5	27735	17.82	18	0-2
		12 RB	0	2307.5	27685	16.94	17	0-3
				2310	27710	16.67	17	0-3
				2312.5	27735	16.67	17	0-3
			6	2307.5	27685	16.56	17	0-3
				2310	27710	16.69	17	0-3
				2312.5	27735	16.54	17	0-3
			13	2307.5	27685	16.70	17	0-3
				2310	27710	16.68	17	0-3
				2312.5	27735	16.72	17	0-3
		25RB		2307.5	27685	16.63	17	0-3
				2310	27710	16.62	17	0-3
				2312.5	27735	16.57	17	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1720	132072	23.66	24	0
				1745	132322	23.71	24	0
				1770	132572	23.90	24	0
			50	1720	132072	23.82	24	0
				1745	132322	23.58	24	0
				1770	132572	23.86	24	0
			99	1720	132072	23.59	24	0
				1745	132322	23.74	24	0
				1770	132572	23.88	24	0
		50 RB	0	1720	132072	22.74	23	0-1
				1745	132322	22.72	23	0-1
				1770	132572	22.85	23	0-1
			25	1720	132072	22.75	23	0-1
				1745	132322	22.65	23	0-1
				1770	132572	22.86	23	0-1
			50	1720	132072	22.68	23	0-1
				1745	132322	22.60	23	0-1
				1770	132572	22.96	23	0-1
		100RB		1720	132072	22.79	23	0-1
				1745	132322	22.69	23	0-1
				1770	132572	22.94	23	0-1
	16-QAM	1 RB	0	1720	132072	22.92	23	0-1
				1745	132322	22.83	23	0-1
				1770	132572	22.99	23	0-1
			50	1720	132072	22.87	23	0-1
				1745	132322	22.86	23	0-1
				1770	132572	22.95	23	0-1
			99	1720	132072	22.89	23	0-1
				1745	132322	23.00	23	0-1
				1770	132572	22.88	23	0-1
		50 RB	0	1720	132072	21.77	22	0-2
				1745	132322	21.75	22	0-2
				1770	132572	21.88	22	0-2
			25	1720	132072	21.76	22	0-2
				1745	132322	21.71	22	0-2
				1770	132572	21.92	22	0-2
			50	1720	132072	21.70	22	0-2
				1745	132322	21.62	22	0-2
				1770	132572	21.99	22	0-2
		100RB		1720	132072	21.78	22	0-2
				1745	132322	21.72	22	0-2
				1770	132572	21.98	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	1720	132072	21.84	22	0-2
				1745	132322	21.70	22	0-2
				1770	132572	21.92	22	0-2
			50	1720	132072	21.73	22	0-2
				1745	132322	21.77	22	0-2
				1770	132572	21.89	22	0-2
			99	1720	132072	21.72	22	0-2
				1745	132322	21.93	22	0-2
				1770	132572	21.73	22	0-2
		50 RB	0	1720	132072	20.71	21	0-3
				1745	132322	20.59	21	0-3
				1770	132572	20.80	21	0-3
			25	1720	132072	20.63	21	0-3
				1745	132322	20.62	21	0-3
				1770	132572	20.90	21	0-3
			50	1720	132072	20.55	21	0-3
				1745	132322	20.45	21	0-3
				1770	132572	20.86	21	0-3
		100RB		1720	132072	20.77	21	0-3
				1745	132322	20.70	21	0-3
				1770	132572	20.89	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	1717.5	132047	23.55	24	0
				1745	132322	23.70	24	0
				1772.5	132597	23.77	24	0
			36	1717.5	132047	23.63	24	0
				1745	132322	23.38	24	0
				1772.5	132597	23.66	24	0
			74	1717.5	132047	23.46	24	0
				1745	132322	23.62	24	0
				1772.5	132597	23.80	24	0
		36 RB	0	1717.5	132047	22.61	23	0-1
				1745	132322	22.55	23	0-1
				1772.5	132597	22.82	23	0-1
			18	1717.5	132047	22.67	23	0-1
				1745	132322	22.51	23	0-1
				1772.5	132597	22.71	23	0-1
			37	1717.5	132047	22.62	23	0-1
				1745	132322	22.45	23	0-1
				1772.5	132597	22.86	23	0-1
		75RB		1717.5	132047	22.65	23	0-1
				1745	132322	22.58	23	0-1
				1772.5	132597	22.75	23	0-1
	16-QAM	1 RB	0	1717.5	132047	22.83	23	0-1
				1745	132322	22.69	23	0-1
				1772.5	132597	22.86	23	0-1
			36	1717.5	132047	22.76	23	0-1
				1745	132322	22.69	23	0-1
				1772.5	132597	22.89	23	0-1
			74	1717.5	132047	22.81	23	0-1
				1745	132322	22.79	23	0-1
				1772.5	132597	22.74	23	0-1
		36 RB	0	1717.5	132047	21.62	22	0-2
				1745	132322	21.66	22	0-2
				1772.5	132597	21.70	22	0-2
			18	1717.5	132047	21.60	22	0-2
				1745	132322	21.68	22	0-2
				1772.5	132597	21.90	22	0-2
			37	1717.5	132047	21.56	22	0-2
				1745	132322	21.59	22	0-2
				1772.5	132597	21.84	22	0-2
		75RB		1717.5	132047	21.65	22	0-2
				1745	132322	21.62	22	0-2
				1772.5	132597	21.85	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	1717.5	132047	21.70	22	0-2
				1745	132322	21.67	22	0-2
				1772.5	132597	21.70	22	0-2
			36	1717.5	132047	21.68	22	0-2
				1745	132322	21.59	22	0-2
				1772.5	132597	21.77	22	0-2
			74	1717.5	132047	21.74	22	0-2
				1745	132322	21.61	22	0-2
				1772.5	132597	21.63	22	0-2
		36 RB	0	1717.5	132047	20.50	21	0-3
				1745	132322	20.48	21	0-3
				1772.5	132597	20.65	21	0-3
			18	1717.5	132047	20.49	21	0-3
				1745	132322	20.67	21	0-3
				1772.5	132597	20.84	21	0-3
			37	1717.5	132047	20.56	21	0-3
				1745	132322	20.57	21	0-3
				1772.5	132597	20.67	21	0-3
		75RB		1717.5	132047	20.56	21	0-3
				1745	132322	20.53	21	0-3
				1772.5	132597	20.70	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1715	132022	23.42	24	0
				1745	132322	23.62	24	0
				1775	132622	23.71	24	0
			25	1715	132022	23.58	24	0
				1745	132322	23.30	24	0
				1775	132622	23.57	24	0
			49	1715	132022	23.31	24	0
				1745	132322	23.43	24	0
				1775	132622	23.60	24	0
		25 RB	0	1715	132022	22.56	23	0-1
				1745	132322	22.46	23	0-1
				1775	132622	22.75	23	0-1
			12	1715	132022	22.59	23	0-1
				1745	132322	22.36	23	0-1
				1775	132622	22.65	23	0-1
			25	1715	132022	22.54	23	0-1
				1745	132322	22.37	23	0-1
				1775	132622	22.68	23	0-1
		50RB		1715	132022	22.49	23	0-1
				1745	132322	22.55	23	0-1
				1775	132622	22.62	23	0-1
	16-QAM	1 RB	0	1715	132022	22.77	23	0-1
				1745	132322	22.59	23	0-1
				1775	132622	22.66	23	0-1
			25	1715	132022	22.72	23	0-1
				1745	132322	22.60	23	0-1
				1775	132622	22.83	23	0-1
			49	1715	132022	22.74	23	0-1
				1745	132322	22.58	23	0-1
				1775	132622	22.58	23	0-1
		25 RB	0	1715	132022	21.52	22	0-2
				1745	132322	21.59	22	0-2
				1775	132622	21.58	22	0-2
			12	1715	132022	21.53	22	0-2
				1745	132322	21.56	22	0-2
				1775	132622	21.87	22	0-2
			25	1715	132022	21.40	22	0-2
				1745	132322	21.38	22	0-2
				1775	132622	21.77	22	0-2
		50RB		1715	132022	21.55	22	0-2
				1745	132322	21.55	22	0-2
				1775	132622	21.68	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	1715	132022	21.69	22	0-2
				1745	132322	21.40	22	0-2
				1775	132622	21.54	22	0-2
			25	1715	132022	21.69	22	0-2
				1745	132322	21.56	22	0-2
				1775	132622	21.66	22	0-2
			49	1715	132022	21.74	22	0-2
				1745	132322	21.42	22	0-2
				1775	132622	21.44	22	0-2
		25 RB	0	1715	132022	20.43	21	0-3
				1745	132322	20.42	21	0-3
				1775	132622	20.41	21	0-3
			12	1715	132022	20.50	21	0-3
				1745	132322	20.40	21	0-3
				1775	132622	20.79	21	0-3
			25	1715	132022	20.39	21	0-3
				1745	132322	20.24	21	0-3
				1775	132622	20.72	21	0-3
		50RB		1715	132022	20.44	21	0-3
				1745	132322	20.51	21	0-3
				1775	132622	20.66	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1712.5	131997	23.28	24	0
				1745	132322	23.42	24	0
				1777.5	132647	23.64	24	0
			12	1712.5	131997	23.38	24	0
				1745	132322	23.20	24	0
				1777.5	132647	23.37	24	0
			24	1712.5	131997	23.24	24	0
				1745	132322	23.36	24	0
				1777.5	132647	23.50	24	0
		12 RB	0	1712.5	131997	22.52	23	0-1
				1745	132322	22.36	23	0-1
				1777.5	132647	22.57	23	0-1
			6	1712.5	131997	22.47	23	0-1
				1745	132322	22.17	23	0-1
				1777.5	132647	22.44	23	0-1
			13	1712.5	131997	22.34	23	0-1
				1745	132322	22.32	23	0-1
				1777.5	132647	22.66	23	0-1
		25RB		1712.5	131997	22.44	23	0-1
				1745	132322	22.49	23	0-1
				1777.5	132647	22.51	23	0-1
	16-QAM	1 RB	0	1712.5	131997	22.65	23	0-1
				1745	132322	22.45	23	0-1
				1777.5	132647	22.50	23	0-1
			12	1712.5	131997	22.67	23	0-1
				1745	132322	22.55	23	0-1
				1777.5	132647	22.69	23	0-1
			24	1712.5	131997	22.53	23	0-1
				1745	132322	22.46	23	0-1
				1777.5	132647	22.37	23	0-1
		12 RB	0	1712.5	131997	21.46	22	0-2
				1745	132322	21.48	22	0-2
				1777.5	132647	21.52	22	0-2
			6	1712.5	131997	21.34	22	0-2
				1745	132322	21.41	22	0-2
				1777.5	132647	21.80	22	0-2
			13	1712.5	131997	21.38	22	0-2
				1745	132322	21.34	22	0-2
				1777.5	132647	21.72	22	0-2
		25RB		1712.5	131997	21.43	22	0-2
				1745	132322	21.39	22	0-2
				1777.5	132647	21.66	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	1712.5	131997	21.49	22	0-2
				1745	132322	21.43	22	0-2
				1777.5	132647	21.42	22	0-2
			12	1712.5	131997	21.51	22	0-2
				1745	132322	21.50	22	0-2
				1777.5	132647	21.69	22	0-2
			24	1712.5	131997	21.38	22	0-2
				1745	132322	21.35	22	0-2
				1777.5	132647	21.36	22	0-2
		12 RB	0	1712.5	131997	20.39	21	0-3
				1745	132322	20.34	21	0-3
				1777.5	132647	20.48	21	0-3
			6	1712.5	131997	20.15	21	0-3
				1745	132322	20.40	21	0-3
				1777.5	132647	20.69	21	0-3
			13	1712.5	131997	20.26	21	0-3
				1745	132322	20.27	21	0-3
				1777.5	132647	20.61	21	0-3
		25RB		1712.5	131997	20.24	21	0-3
				1745	132322	20.31	21	0-3
				1777.5	132647	20.63	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1711.5	131987	23.10	24	0
				1745	132322	23.40	24	0
				1778.5	132657	23.58	24	0
			7	1711.5	131987	23.27	24	0
				1745	132322	23.05	24	0
				1778.5	132657	23.22	24	0
			14	1711.5	131987	23.13	24	0
				1745	132322	23.31	24	0
				1778.5	132657	23.36	24	0
		8 RB	0	1711.5	131987	22.43	23	0-1
				1745	132322	22.24	23	0-1
				1778.5	132657	22.41	23	0-1
			4	1711.5	131987	22.26	23	0-1
				1745	132322	22.02	23	0-1
				1778.5	132657	22.29	23	0-1
			7	1711.5	131987	22.16	23	0-1
				1745	132322	22.11	23	0-1
				1778.5	132657	22.46	23	0-1
		15RB		1711.5	131987	22.25	23	0-1
				1745	132322	22.44	23	0-1
				1778.5	132657	22.30	23	0-1
	16-QAM	1 RB	0	1711.5	131987	22.63	23	0-1
				1745	132322	22.35	23	0-1
				1778.5	132657	22.39	23	0-1
			7	1711.5	131987	22.51	23	0-1
				1745	132322	22.44	23	0-1
				1778.5	132657	22.48	23	0-1
			14	1711.5	131987	22.51	23	0-1
				1745	132322	22.40	23	0-1
				1778.5	132657	22.18	23	0-1
		8 RB	0	1711.5	131987	21.33	22	0-2
				1745	132322	21.39	22	0-2
				1778.5	132657	21.35	22	0-2
			4	1711.5	131987	21.25	22	0-2
				1745	132322	21.21	22	0-2
				1778.5	132657	21.64	22	0-2
			7	1711.5	131987	21.22	22	0-2
				1745	132322	21.15	22	0-2
				1778.5	132657	21.64	22	0-2
		15RB		1711.5	131987	21.33	22	0-2
				1745	132322	21.37	22	0-2
				1778.5	132657	21.49	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	1711.5	131987	21.54	22	0-2
				1745	132322	21.24	22	0-2
				1778.5	132657	21.27	22	0-2
			7	1711.5	131987	21.39	22	0-2
				1745	132322	21.44	22	0-2
				1778.5	132657	21.30	22	0-2
			14	1711.5	131987	21.37	22	0-2
				1745	132322	21.28	22	0-2
				1778.5	132657	21.15	22	0-2
		8 RB	0	1711.5	131987	20.14	21	0-3
				1745	132322	20.30	21	0-3
				1778.5	132657	20.23	21	0-3
			4	1711.5	131987	20.24	21	0-3
				1745	132322	20.02	21	0-3
				1778.5	132657	20.58	21	0-3
			7	1711.5	131987	20.18	21	0-3
				1745	132322	20.09	21	0-3
				1778.5	132657	20.59	21	0-3
		15RB		1711.5	131987	20.20	21	0-3
				1745	132322	20.35	21	0-3
				1778.5	132657	20.48	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1710.7	131979	23.50	24	0
				1745	132322	23.60	24	0
				1779.3	132665	23.85	24	0
			2	1710.7	131979	23.46	24	0
				1745	132322	23.58	24	0
				1779.3	132665	23.83	24	0
			5	1710.7	131979	23.53	24	0
				1745	132322	23.62	24	0
				1779.3	132665	23.82	24	0
		3 RB	0	1710.7	131979	22.67	24	0
				1745	132322	22.79	24	0
				1779.3	132665	22.93	24	0
			2	1710.7	131979	22.68	24	0
				1745	132322	22.78	24	0
				1779.3	132665	22.91	24	0
			3	1710.7	131979	22.73	24	0
				1745	132322	22.79	24	0
				1779.3	132665	23.00	24	0
		6RB		1710.7	131979	22.56	23	0-1
				1745	132322	22.66	23	0-1
				1779.3	132665	22.89	23	0-1
	16-QAM	1 RB	0	1710.7	131979	22.82	23	0-1
				1745	132322	22.94	23	0-1
				1779.3	132665	22.98	23	0-1
			2	1710.7	131979	22.77	23	0-1
				1745	132322	22.86	23	0-1
				1779.3	132665	22.96	23	0-1
			5	1710.7	131979	22.81	23	0-1
				1745	132322	22.88	23	0-1
				1779.3	132665	22.91	23	0-1
		3 RB	0	1710.7	131979	22.61	23	0-1
				1745	132322	22.71	23	0-1
				1779.3	132665	22.96	23	0-1
			2	1710.7	131979	22.60	23	0-1
				1745	132322	22.65	23	0-1
				1779.3	132665	22.91	23	0-1
			3	1710.7	131979	22.59	23	0-1
				1745	132322	22.73	23	0-1
				1779.3	132665	22.92	23	0-1
		6RB		1710.7	131979	21.62	22	0-2
				1745	132322	21.74	22	0-2
				1779.3	132665	21.96	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	1710.7	131979	21.67	22	0-2
				1745	132322	21.86	22	0-2
				1779.3	132665	21.83	22	0-2
			2	1710.7	131979	21.64	22	0-2
				1745	132322	21.84	22	0-2
				1779.3	132665	21.95	22	0-2
			5	1710.7	131979	21.73	22	0-2
				1745	132322	21.80	22	0-2
				1779.3	132665	21.89	22	0-2
		3 RB	0	1710.7	131979	21.56	22	0-2
				1745	132322	21.70	22	0-2
				1779.3	132665	21.80	22	0-2
			2	1710.7	131979	21.43	22	0-2
				1745	132322	21.55	22	0-2
				1779.3	132665	21.89	22	0-2
			3	1710.7	131979	21.49	22	0-2
				1745	132322	21.57	22	0-2
				1779.3	132665	21.91	22	0-2
		6RB		1710.7	131979	20.51	21	0-3
				1745	132322	20.56	21	0-3
				1779.3	132665	20.83	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	1720	132072	19.14	19.5	0
				1745	132322	19.20	19.5	0
				1770	132572	19.44	19.5	0
			50	1720	132072	19.34	19.5	0
				1745	132322	19.12	19.5	0
				1770	132572	19.42	19.5	0
			99	1720	132072	19.23	19.5	0
				1745	132322	19.23	19.5	0
				1770	132572	19.40	19.5	0
		50 RB	0	1720	132072	18.77	19.5	0
				1745	132322	18.74	19.5	0
				1770	132572	18.89	19.5	0
			25	1720	132072	18.79	19.5	0
				1745	132322	18.68	19.5	0
				1770	132572	18.91	19.5	0
			50	1720	132072	18.72	19.5	0
				1745	132322	18.63	19.5	0
				1770	132572	18.99	19.5	0
		100RB		1720	132072	18.80	19.5	0
				1745	132322	18.70	19.5	0
				1770	132572	19.00	19.5	0
	16-QAM	1 RB	0	1720	132072	19.00	19.5	0
				1745	132322	19.05	19.5	0
				1770	132572	19.39	19.5	0
			50	1720	132072	19.24	19.5	0
				1745	132322	18.93	19.5	0
				1770	132572	19.24	19.5	0
			99	1720	132072	19.20	19.5	0
				1745	132322	19.04	19.5	0
				1770	132572	19.22	19.5	0
		50 RB	0	1720	132072	18.65	19.5	0
				1745	132322	18.65	19.5	0
				1770	132572	18.70	19.5	0
			25	1720	132072	18.67	19.5	0
				1745	132322	18.60	19.5	0
				1770	132572	18.80	19.5	0
			50	1720	132072	18.66	19.5	0
				1745	132322	18.47	19.5	0
				1770	132572	18.90	19.5	0
		100RB		1720	132072	18.60	19.5	0
				1745	132322	18.49	19.5	0
				1770	132572	18.86	19.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	1720	132072	18.98	19.5	0
				1745	132322	19.01	19.5	0
				1770	132572	19.23	19.5	0
			50	1720	132072	19.15	19.5	0
				1745	132322	18.90	19.5	0
				1770	132572	19.36	19.5	0
			99	1720	132072	19.09	19.5	0
				1745	132322	19.08	19.5	0
				1770	132572	19.30	19.5	0
		50 RB	0	1720	132072	18.64	19.5	0
				1745	132322	18.61	19.5	0
				1770	132572	18.83	19.5	0
			25	1720	132072	18.69	19.5	0
				1745	132322	18.55	19.5	0
				1770	132572	18.87	19.5	0
			50	1720	132072	18.55	19.5	0
				1745	132322	18.42	19.5	0
				1770	132572	18.87	19.5	0
		100RB		1720	132072	18.58	19.5	0
				1745	132322	18.52	19.5	0
				1770	132572	18.78	19.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	1717.5	132047	18.96	19.5	0
				1745	132322	19.15	19.5	0
				1772.5	132597	19.27	19.5	0
			36	1717.5	132047	19.18	19.5	0
				1745	132322	19.09	19.5	0
				1772.5	132597	19.31	19.5	0
			74	1717.5	132047	19.20	19.5	0
				1745	132322	19.01	19.5	0
				1772.5	132597	19.23	19.5	0
		36 RB	0	1717.5	132047	18.59	19.5	0
				1745	132322	18.59	19.5	0
				1772.5	132597	18.86	19.5	0
			18	1717.5	132047	18.57	19.5	0
				1745	132322	18.59	19.5	0
				1772.5	132597	18.76	19.5	0
			37	1717.5	132047	18.56	19.5	0
				1745	132322	18.55	19.5	0
				1772.5	132597	18.85	19.5	0
		75RB		1717.5	132047	18.58	19.5	0
				1745	132322	18.66	19.5	0
				1772.5	132597	18.78	19.5	0
	16-QAM	1 RB	0	1717.5	132047	18.95	19.5	0
				1745	132322	18.90	19.5	0
				1772.5	132597	19.18	19.5	0
			36	1717.5	132047	19.05	19.5	0
				1745	132322	18.88	19.5	0
				1772.5	132597	19.19	19.5	0
			74	1717.5	132047	19.04	19.5	0
				1745	132322	18.82	19.5	0
				1772.5	132597	19.04	19.5	0
		36 RB	0	1717.5	132047	18.61	19.5	0
				1745	132322	18.48	19.5	0
				1772.5	132597	18.49	19.5	0
			18	1717.5	132047	18.49	19.5	0
				1745	132322	18.43	19.5	0
				1772.5	132597	18.71	19.5	0
			37	1717.5	132047	18.54	19.5	0
				1745	132322	18.42	19.5	0
				1772.5	132597	18.78	19.5	0
		75RB		1717.5	132047	18.39	19.5	0
				1745	132322	18.29	19.5	0
				1772.5	132597	18.67	19.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	1717.5	132047	18.76	19.5	0
				1745	132322	18.98	19.5	0
				1772.5	132597	19.05	19.5	0
			36	1717.5	132047	19.04	19.5	0
				1745	132322	18.77	19.5	0
				1772.5	132597	19.19	19.5	0
			74	1717.5	132047	19.01	19.5	0
				1745	132322	18.99	19.5	0
				1772.5	132597	19.08	19.5	0
		36 RB	0	1717.5	132047	18.53	19.5	0
				1745	132322	18.46	19.5	0
				1772.5	132597	18.78	19.5	0
			18	1717.5	132047	18.50	19.5	0
				1745	132322	18.33	19.5	0
				1772.5	132597	18.84	19.5	0
			37	1717.5	132047	18.39	19.5	0
				1745	132322	18.39	19.5	0
				1772.5	132597	18.71	19.5	0
		75RB		1717.5	132047	18.46	19.5	0
				1745	132322	18.45	19.5	0
				1772.5	132597	18.58	19.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	1715	132022	19.11	19.5	0
				1745	132322	19.09	19.5	0
				1775	132622	19.30	19.5	0
			25	1715	132022	19.15	19.5	0
				1745	132322	18.90	19.5	0
				1775	132622	19.36	19.5	0
			49	1715	132022	19.13	19.5	0
				1745	132322	19.03	19.5	0
				1775	132622	19.37	19.5	0
		25 RB	0	1715	132022	18.55	19.5	0
				1745	132322	18.60	19.5	0
				1775	132622	18.81	19.5	0
			12	1715	132022	18.68	19.5	0
				1745	132322	18.49	19.5	0
				1775	132622	18.82	19.5	0
			25	1715	132022	18.54	19.5	0
				1745	132322	18.53	19.5	0
				1775	132622	18.79	19.5	0
		50RB		1715	132022	18.69	19.5	0
				1745	132322	18.54	19.5	0
				1775	132622	18.90	19.5	0
	16-QAM	1 RB	0	1715	132022	18.96	19.5	0
				1745	132322	18.92	19.5	0
				1775	132622	19.23	19.5	0
			25	1715	132022	19.17	19.5	0
				1745	132322	18.89	19.5	0
				1775	132622	19.10	19.5	0
			49	1715	132022	19.04	19.5	0
				1745	132322	18.83	19.5	0
				1775	132622	19.17	19.5	0
		25 RB	0	1715	132022	18.50	19.5	0
				1745	132322	18.51	19.5	0
				1775	132622	18.51	19.5	0
			12	1715	132022	18.46	19.5	0
				1745	132322	18.48	19.5	0
				1775	132622	18.74	19.5	0
			25	1715	132022	18.56	19.5	0
				1745	132322	18.26	19.5	0
				1775	132622	18.69	19.5	0
		50RB		1715	132022	18.54	19.5	0
				1745	132322	18.44	19.5	0
				1775	132622	18.75	19.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	1715	132022	18.80	19.5	0
				1745	132322	18.84	19.5	0
				1775	132622	19.05	19.5	0
			25	1715	132022	19.10	19.5	0
				1745	132322	18.71	19.5	0
				1775	132622	19.30	19.5	0
			49	1715	132022	19.01	19.5	0
				1745	132322	19.03	19.5	0
				1775	132622	19.18	19.5	0
		25 RB	0	1715	132022	18.46	19.5	0
				1745	132322	18.49	19.5	0
				1775	132622	18.69	19.5	0
			12	1715	132022	18.57	19.5	0
				1745	132322	18.41	19.5	0
				1775	132622	18.71	19.5	0
			25	1715	132022	18.38	19.5	0
				1745	132322	18.39	19.5	0
				1775	132622	18.82	19.5	0
		50RB		1715	132022	18.42	19.5	0
				1745	132322	18.48	19.5	0
				1775	132622	18.65	19.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	1712.5	131997	18.93	19.5	0
				1745	132322	19.07	19.5	0
				1777.5	132647	19.28	19.5	0
			12	1712.5	131997	19.18	19.5	0
				1745	132322	18.92	19.5	0
				1777.5	132647	19.20	19.5	0
			24	1712.5	131997	19.04	19.5	0
				1745	132322	19.20	19.5	0
				1777.5	132647	19.23	19.5	0
		12 RB	0	1712.5	131997	18.63	19.5	0
				1745	132322	18.70	19.5	0
				1777.5	132647	18.68	19.5	0
			6	1712.5	131997	18.75	19.5	0
				1745	132322	18.54	19.5	0
				1777.5	132647	18.73	19.5	0
			13	1712.5	131997	18.68	19.5	0
				1745	132322	18.51	19.5	0
				1777.5	132647	18.95	19.5	0
		25RB		1712.5	131997	18.67	19.5	0
				1745	132322	18.51	19.5	0
				1777.5	132647	18.92	19.5	0
	16-QAM	1 RB	0	1712.5	131997	18.88	19.5	0
				1745	132322	19.02	19.5	0
				1777.5	132647	19.32	19.5	0
			12	1712.5	131997	19.13	19.5	0
				1745	132322	18.88	19.5	0
				1777.5	132647	19.10	19.5	0
			24	1712.5	131997	19.08	19.5	0
				1745	132322	18.87	19.5	0
				1777.5	132647	19.12	19.5	0
		12 RB	0	1712.5	131997	18.48	19.5	0
				1745	132322	18.43	19.5	0
				1777.5	132647	18.61	19.5	0
			6	1712.5	131997	18.57	19.5	0
				1745	132322	18.56	19.5	0
				1777.5	132647	18.67	19.5	0
			13	1712.5	131997	18.53	19.5	0
				1745	132322	18.30	19.5	0
				1777.5	132647	18.84	19.5	0
		25RB		1712.5	131997	18.53	19.5	0
				1745	132322	18.35	19.5	0
				1777.5	132647	18.69	19.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	1712.5	131997	18.94	19.5	0
				1745	132322	18.95	19.5	0
				1777.5	132647	19.19	19.5	0
			12	1712.5	131997	19.06	19.5	0
				1745	132322	18.73	19.5	0
				1777.5	132647	19.16	19.5	0
			24	1712.5	131997	18.94	19.5	0
				1745	132322	19.01	19.5	0
				1777.5	132647	19.16	19.5	0
		12 RB	0	1712.5	131997	18.52	19.5	0
				1745	132322	18.39	19.5	0
				1777.5	132647	18.78	19.5	0
			6	1712.5	131997	18.56	19.5	0
				1745	132322	18.44	19.5	0
				1777.5	132647	18.65	19.5	0
			13	1712.5	131997	18.43	19.5	0
				1745	132322	18.22	19.5	0
				1777.5	132647	18.84	19.5	0
		25RB		1712.5	131997	18.50	19.5	0
				1745	132322	18.33	19.5	0
				1777.5	132647	18.68	19.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	QPSK	1 RB	0	1711.5	131987	18.97	19.5	0
				1745	132322	19.14	19.5	0
				1778.5	132657	19.33	19.5	0
			7	1711.5	131987	19.22	19.5	0
				1745	132322	19.02	19.5	0
				1778.5	132657	19.38	19.5	0
			14	1711.5	131987	19.16	19.5	0
				1745	132322	19.15	19.5	0
				1778.5	132657	19.32	19.5	0
		8 RB	0	1711.5	131987	18.55	19.5	0
				1745	132322	18.70	19.5	0
				1778.5	132657	18.85	19.5	0
			4	1711.5	131987	18.62	19.5	0
				1745	132322	18.46	19.5	0
				1778.5	132657	18.72	19.5	0
			7	1711.5	131987	18.51	19.5	0
				1745	132322	18.50	19.5	0
				1778.5	132657	18.89	19.5	0
		15RB		1711.5	131987	18.76	19.5	0
				1745	132322	18.56	19.5	0
				1778.5	132657	18.97	19.5	0
	16-QAM	1 RB	0	1711.5	131987	18.90	19.5	0
				1745	132322	18.88	19.5	0
				1778.5	132657	19.34	19.5	0
			7	1711.5	131987	19.13	19.5	0
				1745	132322	18.83	19.5	0
				1778.5	132657	19.08	19.5	0
			14	1711.5	131987	19.11	19.5	0
				1745	132322	19.00	19.5	0
				1778.5	132657	19.14	19.5	0
		8 RB	0	1711.5	131987	18.62	19.5	0
				1745	132322	18.47	19.5	0
				1778.5	132657	18.66	19.5	0
			4	1711.5	131987	18.57	19.5	0
				1745	132322	18.52	19.5	0
				1778.5	132657	18.59	19.5	0
			7	1711.5	131987	18.44	19.5	0
				1745	132322	18.44	19.5	0
				1778.5	132657	18.84	19.5	0
		15RB		1711.5	131987	18.53	19.5	0
				1745	132322	18.37	19.5	0
				1778.5	132657	18.65	19.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
3	64-QAM	1 RB	0	1711.5	131987	18.91	19.5	0
				1745	132322	18.87	19.5	0
				1778.5	132657	19.14	19.5	0
			7	1711.5	131987	18.97	19.5	0
				1745	132322	18.74	19.5	0
				1778.5	132657	19.18	19.5	0
			14	1711.5	131987	18.87	19.5	0
				1745	132322	18.87	19.5	0
				1778.5	132657	19.08	19.5	0
		8 RB	0	1711.5	131987	18.57	19.5	0
				1745	132322	18.53	19.5	0
				1778.5	132657	18.73	19.5	0
			4	1711.5	131987	18.52	19.5	0
				1745	132322	18.41	19.5	0
				1778.5	132657	18.70	19.5	0
			7	1711.5	131987	18.49	19.5	0
				1745	132322	18.37	19.5	0
				1778.5	132657	18.68	19.5	0
		15RB		1711.5	131987	18.50	19.5	0
				1745	132322	18.31	19.5	0
				1778.5	132657	18.61	19.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	QPSK	1 RB	0	1710.7	131979	18.99	19.5	0
				1745	132322	19.14	19.5	0
				1779.3	132665	19.41	19.5	0
			2	1710.7	131979	19.14	19.5	0
				1745	132322	19.07	19.5	0
				1779.3	132665	19.31	19.5	0
			5	1710.7	131979	19.20	19.5	0
				1745	132322	19.02	19.5	0
				1779.3	132665	19.23	19.5	0
		3 RB	0	1710.7	131979	18.74	19.5	0
				1745	132322	18.55	19.5	0
				1779.3	132665	18.70	19.5	0
			2	1710.7	131979	18.73	19.5	0
				1745	132322	18.63	19.5	0
				1779.3	132665	18.79	19.5	0
			3	1710.7	131979	18.62	19.5	0
				1745	132322	18.42	19.5	0
				1779.3	132665	18.88	19.5	0
		6RB		1710.7	131979	18.58	19.5	0
				1745	132322	18.59	19.5	0
				1779.3	132665	18.92	19.5	0
	16-QAM	1 RB	0	1710.7	131979	18.82	19.5	0
				1745	132322	19.02	19.5	0
				1779.3	132665	19.20	19.5	0
			2	1710.7	131979	19.04	19.5	0
				1745	132322	18.71	19.5	0
				1779.3	132665	19.16	19.5	0
			5	1710.7	131979	19.14	19.5	0
				1745	132322	18.99	19.5	0
				1779.3	132665	19.02	19.5	0
		3 RB	0	1710.7	131979	18.52	19.5	0
				1745	132322	18.50	19.5	0
				1779.3	132665	18.61	19.5	0
			2	1710.7	131979	18.48	19.5	0
				1745	132322	18.47	19.5	0
				1779.3	132665	18.58	20	0
			3	1710.7	131979	18.44	19.5	0
				1745	132322	18.40	19.5	0
				1779.3	132665	18.82	19.5	0
		6RB		1710.7	131979	18.41	19.5	0
				1745	132322	18.43	19.5	0
				1779.3	132665	18.64	19.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

FDD Band 66 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
1.4	64-QAM	1 RB	0	1710.7	131979	18.95	19.5	0
				1745	132322	18.87	19.5	0
				1779.3	132665	19.20	19.5	0
			2	1710.7	131979	19.04	19.5	0
				1745	132322	18.68	19.5	0
				1779.3	132665	19.21	19.5	0
			5	1710.7	131979	18.95	19.5	0
				1745	132322	18.90	19.5	0
				1779.3	132665	19.25	19.5	0
		3 RB	0	1710.7	131979	18.59	19.5	0
				1745	132322	18.50	19.5	0
				1779.3	132665	18.68	19.5	0
			2	1710.7	131979	18.62	19.5	0
				1745	132322	18.52	19.5	0
				1779.3	132665	18.82	20	0
			3	1710.7	131979	18.41	19.5	0
				1745	132322	18.34	19.5	0
				1779.3	132665	18.78	19.5	0
		6RB		1710.7	131979	18.41	19.5	0
				1745	132322	18.31	19.5	0
				1779.3	132665	18.73	19.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 TDD Band 38 / Band 41 power table (Full power):

TDD Band 38 (Full Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	2580	37850	23.77	24	0
				2595	38000	23.53	24	0
				2610	38150	23.60	24	0
			50	2580	37850	23.61	24	0
				2595	38000	23.66	24	0
				2610	38150	23.83	24	0
			99	2580	37850	23.65	24	0
				2595	38000	23.93	24	0
				2610	38150	23.77	24	0
		50 RB	0	2580	37850	22.66	23	0-1
				2595	38000	22.60	23	0-1
				2610	38150	22.71	23	0-1
			25	2580	37850	22.63	23	0-1
				2595	38000	22.60	23	0-1
				2610	38150	22.75	23	0-1
			50	2580	37850	22.58	23	0-1
				2595	38000	22.63	23	0-1
				2610	38150	22.86	23	0-1
		100RB		2580	37850	22.67	23	0-1
				2595	38000	22.66	23	0-1
				2610	38150	22.76	23	0-1
	16-QAM	1 RB	0	2580	37850	22.83	23	0-1
				2595	38000	22.76	23	0-1
				2610	38150	22.76	23	0-1
			50	2580	37850	22.37	23	0-1
				2595	38000	22.81	23	0-1
				2610	38150	22.91	23	0-1
			99	2580	37850	22.83	23	0-1
				2595	38000	22.98	23	0-1
				2610	38150	22.82	23	0-1
		50 RB	0	2580	37850	21.71	22	0-2
				2595	38000	21.66	22	0-2
				2610	38150	21.73	22	0-2
			25	2580	37850	21.64	22	0-2
				2595	38000	21.63	22	0-2
				2610	38150	21.77	22	0-2
			50	2580	37850	21.61	22	0-2
				2595	38000	21.70	22	0-2
				2610	38150	21.90	22	0-2
		100RB		2580	37850	21.69	22	0-2
				2595	38000	21.63	22	0-2
				2610	38150	21.74	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 38 (Full Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	2580	37850	21.23	22	0-2
				2595	38000	21.16	22	0-2
				2610	38150	21.16	22	0-2
			50	2580	37850	20.77	22	0-2
				2595	38000	21.21	22	0-2
				2610	38150	21.31	22	0-2
			99	2580	37850	21.23	22	0-2
				2595	38000	21.38	22	0-2
				2610	38150	21.22	22	0-2
		50 RB	0	2580	37850	20.11	21	0-3
				2595	38000	20.06	21	0-3
				2610	38150	20.13	21	0-3
			25	2580	37850	20.04	21	0-3
				2595	38000	20.03	21	0-3
				2610	38150	20.17	21	0-3
			50	2580	37850	20.01	21	0-3
				2595	38000	20.10	21	0-3
				2610	38150	20.30	21	0-3
		100RB		2580	37850	20.09	21	0-3
				2595	38000	20.03	21	0-3
				2610	38150	20.14	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 38 (Full Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	2577.5	37825	23.76	24	0
				2595	38000	23.45	24	0
				2612.5	38175	23.46	24	0
			36	2577.5	37825	23.43	24	0
				2595	38000	23.64	24	0
				2612.5	38175	23.72	24	0
			74	2577.5	37825	23.53	24	0
				2595	38000	23.78	24	0
				2612.5	38175	23.69	24	0
		36 RB	0	2577.5	37825	22.55	23	0-1
				2595	38000	22.56	23	0-1
				2612.5	38175	22.51	23	0-1
			18	2577.5	37825	22.61	23	0-1
				2595	38000	22.41	23	0-1
				2612.5	38175	22.61	23	0-1
			37	2577.5	37825	22.49	23	0-1
				2595	38000	22.46	23	0-1
				2612.5	38175	22.85	23	0-1
		75RB		2577.5	37825	22.60	23	0-1
				2595	38000	22.53	23	0-1
				2612.5	38175	22.56	23	0-1
	16-QAM	1 RB	0	2577.5	37825	22.73	23	0-1
				2595	38000	22.71	23	0-1
				2612.5	38175	22.65	23	0-1
			36	2577.5	37825	22.17	23	0-1
				2595	38000	22.68	23	0-1
				2612.5	38175	22.72	23	0-1
			74	2577.5	37825	22.64	23	0-1
				2595	38000	22.83	23	0-1
				2612.5	38175	22.65	23	0-1
		36 RB	0	2577.5	37825	21.52	22	0-2
				2595	38000	21.46	22	0-2
				2612.5	38175	21.55	22	0-2
			18	2577.5	37825	21.50	22	0-2
				2595	38000	21.52	22	0-2
				2612.5	38175	21.74	22	0-2
			37	2577.5	37825	21.55	22	0-2
				2595	38000	21.51	22	0-2
				2612.5	38175	21.80	22	0-2
		75RB		2577.5	37825	21.57	22	0-2
				2595	38000	21.60	22	0-2
				2612.5	38175	21.60	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 38 (Full Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	2577.5	37825	21.16	22	0-2
				2595	38000	21.01	22	0-2
				2612.5	38175	21.07	22	0-2
			36	2577.5	37825	20.68	22	0-2
				2595	38000	21.08	22	0-2
				2612.5	38175	21.25	22	0-2
			74	2577.5	37825	21.20	22	0-2
				2595	38000	21.28	22	0-2
				2612.5	38175	21.15	22	0-2
		36 RB	0	2577.5	37825	20.05	21	0-3
				2595	38000	20.01	21	0-3
				2612.5	38175	20.05	21	0-3
			18	2577.5	37825	19.88	21	0-3
				2595	38000	19.95	21	0-3
				2612.5	38175	20.14	21	0-3
			37	2577.5	37825	19.91	21	0-3
				2595	38000	19.90	21	0-3
				2612.5	38175	20.13	21	0-3
		75RB		2577.5	37825	20.01	21	0-3
				2595	38000	19.92	21	0-3
				2612.5	38175	20.06	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 38 (Full Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	2575	37800	23.67	24	0
				2595	38000	23.35	24	0
				2615	38200	23.43	24	0
			25	2575	37800	23.48	24	0
				2595	38000	23.61	24	0
				2615	38200	23.81	24	0
			49	2575	37800	23.60	24	0
				2595	38000	23.86	24	0
				2615	38200	23.76	24	0
		25 RB	0	2575	37800	22.54	23	0-1
				2595	38000	22.45	23	0-1
				2615	38200	22.58	23	0-1
			12	2575	37800	22.52	23	0-1
				2595	38000	22.40	23	0-1
				2615	38200	22.74	23	0-1
			25	2575	37800	22.42	23	0-1
				2595	38000	22.49	23	0-1
				2615	38200	22.70	23	0-1
		50RB		2575	37800	22.48	23	0-1
				2595	38000	22.53	23	0-1
				2615	38200	22.75	23	0-1
	16-QAM	1 RB	0	2575	37800	22.75	23	0-1
				2595	38000	22.64	23	0-1
				2615	38200	22.67	23	0-1
			25	2575	37800	22.32	23	0-1
				2595	38000	22.78	23	0-1
				2615	38200	22.84	23	0-1
			49	2575	37800	22.76	23	0-1
				2595	38000	22.82	23	0-1
				2615	38200	22.67	23	0-1
		25 RB	0	2575	37800	21.58	22	0-2
				2595	38000	21.58	22	0-2
				2615	38200	21.58	22	0-2
			12	2575	37800	21.60	22	0-2
				2595	38000	21.52	22	0-2
				2615	38200	21.59	22	0-2
			25	2575	37800	21.49	22	0-2
				2595	38000	21.55	22	0-2
				2615	38200	21.76	22	0-2
		50RB		2575	37800	21.56	22	0-2
				2595	38000	21.57	22	0-2
				2615	38200	21.59	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 38 (Full Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	2575	37800	21.09	22	0-2
				2595	38000	21.00	22	0-2
				2615	38200	21.06	22	0-2
			25	2575	37800	20.58	22	0-2
				2595	38000	21.16	22	0-2
				2615	38200	21.24	22	0-2
			49	2575	37800	21.18	22	0-2
				2595	38000	21.21	22	0-2
				2615	38200	21.06	22	0-2
		25 RB	0	2575	37800	20.06	21	0-3
				2595	38000	19.88	21	0-3
				2615	38200	20.02	21	0-3
			12	2575	37800	19.99	21	0-3
				2595	38000	19.96	21	0-3
				2615	38200	20.02	21	0-3
			25	2575	37800	19.83	21	0-3
				2595	38000	19.91	21	0-3
				2615	38200	20.21	21	0-3
		50RB		2575	37800	20.04	21	0-3
				2595	38000	19.83	21	0-3
				2615	38200	20.02	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 38 (Full Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	2572.5	37775	23.58	24	0
				2595	38000	23.36	24	0
				2617.5	38225	23.48	24	0
			12	2572.5	37775	23.41	24	0
				2595	38000	23.48	24	0
				2617.5	38225	23.76	24	0
			24	2572.5	37775	23.63	24	0
				2595	38000	23.74	24	0
				2617.5	38225	23.64	24	0
		12 RB	0	2572.5	37775	22.65	23	0-1
				2595	38000	22.40	23	0-1
				2617.5	38225	22.68	23	0-1
			6	2572.5	37775	22.60	23	0-1
				2595	38000	22.41	23	0-1
				2617.5	38225	22.56	23	0-1
			13	2572.5	37775	22.55	23	0-1
				2595	38000	22.59	23	0-1
				2617.5	38225	22.69	23	0-1
		25RB		2572.5	37775	22.48	23	0-1
				2595	38000	22.56	23	0-1
				2617.5	38225	22.75	23	0-1
	16-QAM	1 RB	0	2572.5	37775	22.64	23	0-1
				2595	38000	22.60	23	0-1
				2617.5	38225	22.75	23	0-1
			12	2572.5	37775	22.27	23	0-1
				2595	38000	22.67	23	0-1
				2617.5	38225	22.84	23	0-1
			24	2572.5	37775	22.74	23	0-1
				2595	38000	22.83	23	0-1
				2617.5	38225	22.66	23	0-1
		12 RB	0	2572.5	37775	21.57	22	0-2
				2595	38000	21.53	22	0-2
				2617.5	38225	21.69	22	0-2
			6	2572.5	37775	21.62	22	0-2
				2595	38000	21.49	22	0-2
				2617.5	38225	21.65	22	0-2
			13	2572.5	37775	21.52	22	0-2
				2595	38000	21.62	22	0-2
				2617.5	38225	21.85	22	0-2
		25RB		2572.5	37775	21.52	22	0-2
				2595	38000	21.58	22	0-2
				2617.5	38225	21.70	22	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 38 (Full Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	2572.5	37775	21.03	22	0-2
				2595	38000	20.99	22	0-2
				2617.5	38225	21.12	22	0-2
			12	2572.5	37775	20.60	22	0-2
				2595	38000	21.12	22	0-2
				2617.5	38225	21.12	22	0-2
			24	2572.5	37775	21.03	22	0-2
				2595	38000	21.28	22	0-2
				2617.5	38225	21.04	22	0-2
		12 RB	0	2572.5	37775	19.96	21	0-3
				2595	38000	19.95	21	0-3
				2617.5	38225	19.95	21	0-3
			6	2572.5	37775	19.85	21	0-3
				2595	38000	20.01	21	0-3
				2617.5	38225	20.03	21	0-3
			13	2572.5	37775	19.97	21	0-3
				2595	38000	19.90	21	0-3
				2617.5	38225	20.12	21	0-3
		25RB		2572.5	37775	20.03	21	0-3
				2595	38000	19.93	21	0-3
				2617.5	38225	20.07	21	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 41 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	2506	39750	24.96	25	0
				2549.5	40185	24.99	25	0
				2593	40620	24.61	25	0
				2636.5	41055	24.43	25	0
				2680	41490	24.30	25	0
			50	2506	39750	24.98	25	0
				2549.5	40185	24.84	25	0
				2593	40620	24.79	25	0
				2636.5	41055	24.43	25	0
				2680	41490	24.35	25	0
			99	2506	39750	24.82	25	0
				2549.5	40185	24.79	25	0
				2593	40620	24.42	25	0
				2636.5	41055	24.45	25	0
				2680	41490	24.29	25	0
		50 RB	0	2506	39750	23.98	24	0-1
				2549.5	40185	23.94	24	0-1
				2593	40620	23.72	24	0-1
				2636.5	41055	23.44	24	0-1
				2680	41490	23.31	24	0-1
			25	2506	39750	23.95	24	0-1
				2549.5	40185	23.49	24	0-1
				2593	40620	23.64	24	0-1
				2636.5	41055	23.44	24	0-1
				2680	41490	23.25	24	0-1
			50	2506	39750	23.82	24	0-1
				2549.5	40185	23.61	24	0-1
				2593	40620	23.59	24	0-1
				2636.5	41055	23.45	24	0-1
				2680	41490	23.28	24	0-1
		100RB		2506	39750	23.86	24	0-1
				2549.5	40185	23.77	24	0-1
				2593	40620	23.66	24	0-1
				2636.5	41055	23.45	24	0-1
				2680	41490	23.28	24	0-1

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

TDD Band 41 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	16-QAM	1 RB	0	2506	39750	22.98	24	0-1
				2549.5	40185	23.22	24	0-1
				2593	40620	22.44	24	0-1
				2636.5	41055	22.11	24	0-1
				2680	41490	22.20	24	0-1
			50	2506	39750	22.81	24	0-1
				2549.5	40185	23.19	24	0-1
				2593	40620	22.41	24	0-1
				2636.5	41055	22.34	24	0-1
				2680	41490	22.09	24	0-1
			99	2506	39750	23.02	24	0-1
				2549.5	40185	23.24	24	0-1
				2593	40620	22.24	24	0-1
				2636.5	41055	22.35	24	0-1
				2680	41490	22.18	24	0-1
		50 RB	0	2506	39750	21.97	23	0-2
				2549.5	40185	22.30	23	0-2
				2593	40620	21.67	23	0-2
				2636.5	41055	21.33	23	0-2
				2680	41490	21.21	23	0-2
			25	2506	39750	22.03	23	0-2
				2549.5	40185	22.43	23	0-2
				2593	40620	21.57	23	0-2
				2636.5	41055	21.45	23	0-2
				2680	41490	21.13	23	0-2
			50	2506	39750	21.92	23	0-2
				2549.5	40185	22.38	23	0-2
				2593	40620	21.56	23	0-2
				2636.5	41055	21.48	23	0-2
				2680	41490	21.17	23	0-2
		100RB		2506	39750	21.97	23	0-2
				2549.5	40185	22.41	23	0-2
				2593	40620	21.48	23	0-2
				2636.5	41055	21.26	23	0-2
				2680	41490	21.25	23	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 41 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	2506	39750	22.07	23	0-2
				2549.5	40185	22.33	23	0-2
				2593	40620	21.48	23	0-2
				2636.5	41055	22.17	23	0-2
				2680	41490	21.33	23	0-2
			50	2506	39750	21.86	23	0-2
				2549.5	40185	22.34	23	0-2
				2593	40620	21.53	23	0-2
				2636.5	41055	21.44	23	0-2
				2680	41490	22.15	23	0-2
			99	2506	39750	22.06	23	0-2
				2549.5	40185	22.44	23	0-2
				2593	40620	21.33	23	0-2
				2636.5	41055	21.47	23	0-2
				2680	41490	21.38	23	0-2
		50 RB	0	2506	39750	20.99	22	0-3
				2549.5	40185	21.43	22	0-3
				2593	40620	20.82	22	0-3
				2636.5	41055	20.47	22	0-3
				2680	41490	20.29	22	0-3
			25	2506	39750	21.15	22	0-3
				2549.5	40185	21.50	22	0-3
				2593	40620	20.63	22	0-3
				2636.5	41055	20.65	22	0-3
				2680	41490	20.20	22	0-3
			50	2506	39750	21.03	22	0-3
				2549.5	40185	21.57	22	0-3
				2593	40620	20.75	22	0-3
				2636.5	41055	20.49	22	0-3
				2680	41490	20.21	22	0-3
		100RB		2506	39750	21.00	22	0-3
				2549.5	40185	21.50	22	0-3
				2593	40620	20.62	22	0-3
				2636.5	41055	20.27	22	0-3
				2680	41490	20.30	22	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 41 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	2503.5	39725	24.89	25	0
				2548.3	40173	24.98	25	0
				2593	40620	24.57	25	0
				2637.8	41068	24.40	25	0
				2682.5	41515	24.25	25	0
			36	2503.5	39725	24.92	25	0
				2548.3	40173	24.77	25	0
				2593	40620	24.70	25	0
				2637.8	41068	24.42	25	0
				2682.5	41515	24.28	25	0
			74	2503.5	39725	24.72	25	0
				2548.3	40173	24.69	25	0
				2593	40620	24.38	25	0
				2637.8	41068	24.43	25	0
				2682.5	41515	24.23	25	0
		36 RB	0	2503.5	39725	23.89	24	0-1
				2548.3	40173	23.84	24	0-1
				2593	40620	23.62	24	0-1
				2637.8	41068	23.38	24	0-1
				2682.5	41515	23.29	24	0-1
			18	2503.5	39725	23.94	24	0-1
				2548.3	40173	23.44	24	0-1
				2593	40620	23.62	24	0-1
				2637.8	41068	23.39	24	0-1
				2682.5	41515	23.19	24	0-1
			37	2503.5	39725	23.78	24	0-1
				2548.3	40173	23.56	24	0-1
				2593	40620	23.55	24	0-1
				2637.8	41068	23.36	24	0-1
				2682.5	41515	23.23	24	0-1
		75RB		2503.5	39725	23.77	24	0-1
				2548.3	40173	23.75	24	0-1
				2593	40620	23.64	24	0-1
				2637.8	41068	23.44	24	0-1
				2682.5	41515	23.19	24	0-1

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

TDD Band 41 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	16-QAM	1 RB	0	2503.5	39725	22.96	24	0-1
				2548.3	40173	23.12	24	0-1
				2593	40620	22.40	24	0-1
				2637.8	41068	22.01	24	0-1
				2682.5	41515	22.12	24	0-1
			36	2503.5	39725	22.76	24	0-1
				2548.3	40173	23.15	24	0-1
				2593	40620	22.34	24	0-1
				2637.8	41068	22.33	24	0-1
				2682.5	41515	22.69	24	0-1
			74	2503.5	39725	23.00	24	0-1
				2548.3	40173	23.15	24	0-1
				2593	40620	22.22	24	0-1
				2637.8	41068	22.27	24	0-1
				2682.5	41515	22.08	24	0-1
		36 RB	0	2503.5	39725	21.89	23	0-2
				2548.3	40173	22.28	23	0-2
				2593	40620	21.65	23	0-2
				2637.8	41068	21.27	23	0-2
				2682.5	41515	21.15	23	0-2
			18	2503.5	39725	21.95	23	0-2
				2548.3	40173	22.35	23	0-2
				2593	40620	21.49	23	0-2
				2637.8	41068	21.42	23	0-2
				2682.5	41515	21.09	23	0-2
			37	2503.5	39725	21.84	23	0-2
				2548.3	40173	22.32	23	0-2
				2593	40620	21.54	23	0-2
				2637.8	41068	21.45	23	0-2
				2682.5	41515	21.12	23	0-2
		75RB		2503.5	39725	21.90	23	0-2
				2548.3	40173	22.34	23	0-2
				2593	40620	21.43	23	0-2
				2637.8	41068	21.18	23	0-2
				2682.5	41515	21.23	23	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 41 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	2503.5	39725	22.00	23	0-2
				2548.3	40173	22.28	23	0-2
				2593	40620	21.41	23	0-2
				2637.8	41068	22.09	23	0-2
				2682.5	41515	21.32	23	0-2
			36	2503.5	39725	21.77	23	0-2
				2548.3	40173	22.29	23	0-2
				2593	40620	21.43	23	0-2
				2637.8	41068	21.35	23	0-2
				2682.5	41515	22.07	23	0-2
			74	2503.5	39725	22.01	23	0-2
				2548.3	40173	22.39	23	0-2
				2593	40620	21.27	23	0-2
				2637.8	41068	21.38	23	0-2
				2682.5	41515	21.37	23	0-2
		36 RB	0	2503.5	39725	20.93	22	0-3
				2548.3	40173	21.40	22	0-3
				2593	40620	20.76	22	0-3
				2637.8	41068	20.37	22	0-3
				2682.5	41515	20.23	22	0-3
			18	2503.5	39725	21.13	22	0-3
				2548.3	40173	21.40	22	0-3
				2593	40620	20.58	22	0-3
				2637.8	41068	20.57	22	0-3
				2682.5	41515	20.10	22	0-3
			37	2503.5	39725	21.01	22	0-3
				2548.3	40173	21.55	22	0-3
				2593	40620	20.74	22	0-3
				2637.8	41068	20.45	22	0-3
				2682.5	41515	20.11	22	0-3
		75RB		2503.5	39725	20.97	22	0-3
				2548.3	40173	21.41	22	0-3
				2593	40620	20.55	22	0-3
				2637.8	41068	20.17	22	0-3
				2682.5	41515	20.23	22	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 41 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	2501	39700	24.87	25	0
				2547	40160	24.95	25	0
				2593	40620	24.57	25	0
				2639	41080	24.40	25	0
				2685	41540	24.22	25	0
			25	2501	39700	24.88	25	0
				2547	40160	24.77	25	0
				2593	40620	24.78	25	0
				2639	41080	24.35	25	0
				2685	41540	24.28	25	0
			49	2501	39700	24.78	25	0
				2547	40160	24.77	25	0
				2593	40620	24.36	25	0
				2639	41080	24.43	25	0
				2685	41540	24.27	25	0
		25 RB	0	2501	39700	23.88	24	0-1
				2547	40160	23.87	24	0-1
				2593	40620	23.70	24	0-1
				2639	41080	23.35	24	0-1
				2685	41540	23.23	24	0-1
			12	2501	39700	23.87	24	0-1
				2547	40160	23.44	24	0-1
				2593	40620	23.63	24	0-1
				2639	41080	23.43	24	0-1
				2685	41540	23.16	24	0-1
			25	2501	39700	23.74	24	0-1
				2547	40160	23.54	24	0-1
				2593	40620	23.57	24	0-1
				2639	41080	23.42	24	0-1
				2685	41540	23.24	24	0-1
		50RB		2501	39700	23.81	24	0-1
				2547	40160	23.72	24	0-1
				2593	40620	23.56	24	0-1
				2639	41080	23.37	24	0-1
				2685	41540	23.23	24	0-1

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

TDD Band 41 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	16-QAM	1 RB	0	2501	39700	22.92	24	0-1
				2547	40160	23.19	24	0-1
				2593	40620	22.35	24	0-1
				2639	41080	22.09	24	0-1
				2685	41540	22.10	24	0-1
			25	2501	39700	22.73	24	0-1
				2547	40160	23.14	24	0-1
				2593	40620	22.36	24	0-1
				2639	41080	22.31	24	0-1
				2685	41540	22.08	24	0-1
			49	2501	39700	23.01	24	0-1
				2547	40160	23.21	24	0-1
				2593	40620	22.19	24	0-1
				2639	41080	22.34	24	0-1
				2685	41540	22.11	24	0-1
		25 RB	0	2501	39700	21.89	23	0-2
				2547	40160	22.23	23	0-2
				2593	40620	21.66	23	0-2
				2639	41080	21.28	23	0-2
				2685	41540	21.20	23	0-2
			12	2501	39700	22.01	23	0-2
				2547	40160	22.42	23	0-2
				2593	40620	21.51	23	0-2
				2639	41080	21.37	23	0-2
				2685	41540	21.10	23	0-2
			25	2501	39700	21.87	23	0-2
				2547	40160	22.36	23	0-2
				2593	40620	21.46	23	0-2
				2639	41080	21.40	23	0-2
				2685	41540	21.07	23	0-2
		50RB		2501	39700	21.88	23	0-2
				2547	40160	22.37	23	0-2
				2593	40620	21.47	23	0-2
				2639	41080	21.23	23	0-2
				2685	41540	21.17	23	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 41 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	2501	39700	22.06	23	0-2
				2547	40160	22.24	23	0-2
				2593	40620	21.42	23	0-2
				2639	41080	22.08	23	0-2
				2685	41540	21.26	23	0-2
			25	2501	39700	21.77	23	0-2
				2547	40160	22.27	23	0-2
				2593	40620	21.43	23	0-2
				2639	41080	21.41	23	0-2
				2685	41540	22.11	23	0-2
			49	2501	39700	22.02	23	0-2
				2547	40160	22.43	23	0-2
				2593	40620	21.24	23	0-2
				2639	41080	21.42	23	0-2
				2685	41540	21.29	23	0-2
		25 RB	0	2501	39700	20.93	22	0-3
				2547	40160	21.36	22	0-3
				2593	40620	20.73	22	0-3
				2639	41080	20.41	22	0-3
				2685	41540	20.21	22	0-3
			12	2501	39700	21.10	22	0-3
				2547	40160	21.40	22	0-3
				2593	40620	20.56	22	0-3
				2639	41080	20.59	22	0-3
				2685	41540	20.13	22	0-3
			25	2501	39700	21.01	22	0-3
				2547	40160	21.47	22	0-3
				2593	40620	20.72	22	0-3
				2639	41080	20.45	22	0-3
				2685	41540	20.17	22	0-3
		50RB		2501	39700	20.90	22	0-3
				2547	40160	21.46	22	0-3
				2593	40620	20.55	22	0-3
				2639	41080	20.19	22	0-3
				2685	41540	20.27	22	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 41 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	2498.5	39675	24.93	25	0
				2547.8	40148	24.90	25	0
				2593	40620	24.56	25	0
				2640.3	41093	24.37	25	0
				2687.5	41565	24.26	25	0
			12	2498.5	39675	24.94	25	0
				2547.8	40148	24.83	25	0
				2593	40620	24.69	25	0
				2640.3	41093	24.42	25	0
				2687.5	41565	24.25	25	0
			24	2498.5	39675	24.75	25	0
				2547.8	40148	24.75	25	0
				2593	40620	24.40	25	0
				2640.3	41093	24.35	25	0
				2687.5	41565	24.27	25	0
		12 RB	0	2498.5	39675	23.96	24	0-1
				2547.8	40148	23.91	24	0-1
				2593	40620	23.65	24	0-1
				2640.3	41093	23.40	24	0-1
				2687.5	41565	23.22	24	0-1
			6	2498.5	39675	23.87	24	0-1
				2547.8	40148	23.44	24	0-1
				2593	40620	23.57	24	0-1
				2640.3	41093	23.37	24	0-1
				2687.5	41565	23.19	24	0-1
			13	2498.5	39675	23.74	24	0-1
				2547.8	40148	23.55	24	0-1
				2593	40620	23.51	24	0-1
				2640.3	41093	23.41	24	0-1
				2687.5	41565	23.25	24	0-1
		25RB		2498.5	39675	23.79	24	0-1
				2547.8	40148	23.69	24	0-1
				2593	40620	23.60	24	0-1
				2640.3	41093	23.37	24	0-1
				2687.5	41565	23.24	24	0-1

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

TDD Band 41 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	16-QAM	1 RB	0	2498.5	39675	22.89	24	0-1
				2547.8	40148	23.20	24	0-1
				2593	40620	22.40	24	0-1
				2640.3	41093	22.06	24	0-1
				2687.5	41565	22.16	24	0-1
			12	2498.5	39675	22.80	24	0-1
				2547.8	40148	23.17	24	0-1
				2593	40620	22.36	24	0-1
				2640.3	41093	22.26	24	0-1
				2687.5	41565	22.08	24	0-1
			24	2498.5	39675	23.01	24	0-1
				2547.8	40148	23.17	24	0-1
				2593	40620	22.16	24	0-1
				2640.3	41093	22.34	24	0-1
				2687.5	41565	22.09	24	0-1
		12 RB	0	2498.5	39675	21.88	23	0-2
				2547.8	40148	22.22	23	0-2
				2593	40620	21.59	23	0-2
				2640.3	41093	21.31	23	0-2
				2687.5	41565	21.16	23	0-2
			6	2498.5	39675	21.96	23	0-2
				2547.8	40148	22.33	23	0-2
				2593	40620	21.53	23	0-2
				2640.3	41093	21.44	23	0-2
				2687.5	41565	21.05	23	0-2
			13	2498.5	39675	21.82	23	0-2
				2547.8	40148	22.34	23	0-2
				2593	40620	21.55	23	0-2
				2640.3	41093	21.47	23	0-2
				2687.5	41565	21.11	23	0-2
		25RB		2498.5	39675	21.95	23	0-2
				2547.8	40148	22.38	23	0-2
				2593	40620	21.46	23	0-2
				2640.3	41093	21.25	23	0-2
				2687.5	41565	21.24	23	0-2

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 41 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	2498.5	39675	22.04	23	0-2
				2547.8	40148	22.28	23	0-2
				2593	40620	21.42	23	0-2
				2640.3	41093	22.14	23	0-2
				2687.5	41565	21.23	23	0-2
			12	2498.5	39675	21.85	23	0-2
				2547.8	40148	22.26	23	0-2
				2593	40620	21.49	23	0-2
				2640.3	41093	21.35	23	0-2
				2687.5	41565	22.07	23	0-2
			24	2498.5	39675	21.99	23	0-2
				2547.8	40148	22.41	23	0-2
				2593	40620	21.29	23	0-2
				2640.3	41093	21.45	23	0-2
				2687.5	41565	21.30	23	0-2
		12 RB	0	2498.5	39675	20.95	22	0-3
				2547.8	40148	21.40	22	0-3
				2593	40620	20.74	22	0-3
				2640.3	41093	20.42	22	0-3
				2687.5	41565	20.22	22	0-3
			6	2498.5	39675	21.11	22	0-3
				2547.8	40148	21.42	22	0-3
				2593	40620	20.61	22	0-3
				2640.3	41093	20.58	22	0-3
				2687.5	41565	20.14	22	0-3
			13	2498.5	39675	21.00	22	0-3
				2547.8	40148	21.52	22	0-3
				2593	40620	20.70	22	0-3
				2640.3	41093	20.48	22	0-3
				2687.5	41565	20.16	22	0-3
		25RB		2498.5	39675	20.90	22	0-3
				2547.8	40148	21.44	22	0-3
				2593	40620	20.57	22	0-3
				2640.3	41093	20.23	22	0-3
				2687.5	41565	20.23	22	0-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 41 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	QPSK	1 RB	0	2506	39750	22.01	22.5	0
				2549.5	40185	22.50	22.5	0
				2593	40620	21.66	22.5	0
				2636.5	41055	21.37	22.5	0
				2680	41490	21.39	22.5	0
			50	2506	39750	22.01	22.5	0
				2549.5	40185	22.43	22.5	0
				2593	40620	21.87	22.5	0
				2636.5	41055	21.54	22.5	0
				2680	41490	22.13	22.5	0
			99	2506	39750	22.34	22.5	0
				2549.5	40185	22.35	22.5	0
				2593	40620	21.51	22.5	0
				2636.5	41055	22.33	22.5	0
				2680	41490	21.38	22.5	0
		50 RB	0	2506	39750	21.03	22.5	0
				2549.5	40185	21.45	22.5	0
				2593	40620	21.48	22.5	0
				2636.5	41055	20.53	22.5	0
				2680	41490	21.43	22.5	0
			25	2506	39750	21.46	22.5	0
				2549.5	40185	21.52	22.5	0
				2593	40620	20.71	22.5	0
				2636.5	41055	20.54	22.5	0
				2680	41490	20.52	22.5	0
			50	2506	39750	21.06	22.5	0
				2549.5	40185	21.07	22.5	0
				2593	40620	20.67	22.5	0
				2636.5	41055	21.41	22.5	0
				2680	41490	20.54	22.5	0
		100RB		2506	39750	21.38	22.5	0
				2549.5	40185	21.53	22.5	0
				2593	40620	21.35	22.5	0
				2636.5	41055	21.36	22.5	0
				2680	41490	21.33	22.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 41 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	16-QAM	1 RB	0	2506	39750	21.94	22.5	0
				2549.5	40185	22.29	22.5	0
				2593	40620	21.49	22.5	0
				2636.5	41055	21.29	22.5	0
				2680	41490	21.19	22.5	0
			50	2506	39750	21.99	22.5	0
				2549.5	40185	22.33	22.5	0
				2593	40620	21.83	22.5	0
				2636.5	41055	21.47	22.5	0
				2680	41490	21.49	22.5	0
			99	2506	39750	22.01	22.5	0
				2549.5	40185	22.33	22.5	0
				2593	40620	21.41	22.5	0
				2636.5	41055	21.50	22.5	0
				2680	41490	21.31	22.5	0
		50 RB	0	2506	39750	21.89	22.5	0
				2549.5	40185	22.30	22.5	0
				2593	40620	21.36	22.5	0
				2636.5	41055	21.21	22.5	0
				2680	41490	21.07	22.5	0
			25	2506	39750	21.67	22.5	0
				2549.5	40185	22.34	22.5	0
				2593	40620	21.67	22.5	0
				2636.5	41055	21.29	22.5	0
				2680	41490	21.26	22.5	0
			50	2506	39750	21.82	22.5	0
				2549.5	40185	22.16	22.5	0
				2593	40620	21.40	22.5	0
				2636.5	41055	21.44	22.5	0
				2680	41490	21.30	22.5	0
		100RB		2506	39750	21.16	22.5	0
				2549.5	40185	21.81	22.5	0
				2593	40620	21.87	22.5	0
				2636.5	41055	21.35	22.5	0
				2680	41490	21.24	22.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 41 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
20	64-QAM	1 RB	0	2506	39750	21.89	22.5	0
				2549.5	40185	22.33	22.5	0
				2593	40620	21.62	22.5	0
				2636.5	41055	21.33	22.5	0
				2680	41490	21.23	22.5	0
			50	2506	39750	21.80	22.5	0
				2549.5	40185	22.22	22.5	0
				2593	40620	21.66	22.5	0
				2636.5	41055	21.48	22.5	0
				2680	41490	21.47	22.5	0
			99	2506	39750	22.03	22.5	0
				2549.5	40185	22.32	22.5	0
				2593	40620	21.35	22.5	0
				2636.5	41055	21.45	22.5	0
				2680	41490	21.31	22.5	0
		50 RB	0	2506	39750	21.76	22.5	0
				2549.5	40185	22.27	22.5	0
				2593	40620	21.52	22.5	0
				2636.5	41055	21.22	22.5	0
				2680	41490	21.08	22.5	0
			25	2506	39750	21.72	22.5	0
				2549.5	40185	22.30	22.5	0
				2593	40620	21.67	22.5	0
				2636.5	41055	21.31	22.5	0
				2680	41490	21.34	22.5	0
			50	2506	39750	21.88	22.5	0
				2549.5	40185	21.98	22.5	0
				2593	40620	21.36	22.5	0
				2636.5	41055	21.34	22.5	0
				2680	41490	21.21	22.5	0
		100RB		2506	39750	21.12	22.5	0
				2549.5	40185	21.71	22.5	0
				2593	40620	21.94	22.5	0
				2636.5	41055	21.25	22.5	0
				2680	41490	21.29	22.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 41 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	QPSK	1 RB	0	2503.5	39725	21.89	22.5	0
				2548.3	40173	22.34	22.5	0
				2593	40620	21.57	22.5	0
				2637.8	41068	21.29	22.5	0
				2682.5	41515	21.28	22.5	0
			36	2503.5	39725	21.80	22.5	0
				2548.3	40173	22.33	22.5	0
				2593	40620	21.83	22.5	0
				2637.8	41068	21.41	22.5	0
				2682.5	41515	21.45	22.5	0
			74	2503.5	39725	22.06	22.5	0
				2548.3	40173	22.25	22.5	0
				2593	40620	21.49	22.5	0
				2637.8	41068	21.43	22.5	0
				2682.5	41515	21.29	22.5	0
		36 RB	0	2503.5	39725	21.84	22.5	0
				2548.3	40173	22.27	22.5	0
				2593	40620	21.39	22.5	0
				2637.8	41068	21.15	22.5	0
				2682.5	41515	21.16	22.5	0
			18	2503.5	39725	21.81	22.5	0
				2548.3	40173	22.28	22.5	0
				2593	40620	21.66	22.5	0
				2637.8	41068	21.21	22.5	0
				2682.5	41515	21.37	22.5	0
			37	2503.5	39725	21.95	22.5	0
				2548.3	40173	22.12	22.5	0
				2593	40620	21.37	22.5	0
				2637.8	41068	21.36	22.5	0
				2682.5	41515	21.13	22.5	0
		75RB		2503.5	39725	21.15	22.5	0
				2548.3	40173	21.80	22.5	0
				2593	40620	22.05	22.5	0
				2637.8	41068	21.35	22.5	0
				2682.5	41515	21.31	22.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 41 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	16-QAM	1 RB	0	2503.5	39725	21.85	22.5	0
				2548.3	40173	22.17	22.5	0
				2593	40620	21.35	22.5	0
				2637.8	41068	21.08	22.5	0
				2682.5	41515	21.05	22.5	0
			36	2503.5	39725	21.84	22.5	0
				2548.3	40173	22.28	22.5	0
				2593	40620	21.79	22.5	0
				2637.8	41068	21.36	22.5	0
				2682.5	41515	21.45	22.5	0
			74	2503.5	39725	21.99	22.5	0
				2548.3	40173	22.28	22.5	0
				2593	40620	21.37	22.5	0
				2637.8	41068	21.38	22.5	0
				2682.5	41515	21.21	22.5	0
		36 RB	0	2503.5	39725	21.81	22.5	0
				2548.3	40173	22.20	22.5	0
				2593	40620	21.32	22.5	0
				2637.8	41068	21.19	22.5	0
				2682.5	41515	20.95	22.5	0
			18	2503.5	39725	21.52	22.5	0
				2548.3	40173	22.19	22.5	0
				2593	40620	21.54	22.5	0
				2637.8	41068	21.11	22.5	0
				2682.5	41515	21.14	22.5	0
			37	2503.5	39725	21.72	22.5	0
				2548.3	40173	22.05	22.5	0
				2593	40620	21.27	22.5	0
				2637.8	41068	21.25	22.5	0
				2682.5	41515	21.13	22.5	0
		75RB		2503.5	39725	21.07	22.5	0
				2548.3	40173	21.72	22.5	0
				2593	40620	21.73	22.5	0
				2637.8	41068	21.23	22.5	0
				2682.5	41515	21.15	22.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 41 (Full power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
15	64-QAM	1 RB	0	2503.5	39725	21.75	22.5	0
				2548.3	40173	22.25	22.5	0
				2593	40620	21.42	22.5	0
				2637.8	41068	21.12	22.5	0
				2682.5	41515	21.17	22.5	0
			36	2503.5	39725	21.69	22.5	0
				2548.3	40173	22.16	22.5	0
				2593	40620	21.60	22.5	0
				2637.8	41068	21.46	22.5	0
				2682.5	41515	21.40	22.5	0
			74	2503.5	39725	21.85	22.5	0
				2548.3	40173	22.24	22.5	0
				2593	40620	21.19	22.5	0
				2637.8	41068	21.41	22.5	0
				2682.5	41515	21.10	22.5	0
		36 RB	0	2503.5	39725	21.68	22.5	0
				2548.3	40173	22.11	22.5	0
				2593	40620	21.39	22.5	0
				2637.8	41068	21.17	22.5	0
				2682.5	41515	21.04	22.5	0
			18	2503.5	39725	21.55	22.5	0
				2548.3	40173	22.19	22.5	0
				2593	40620	21.64	22.5	0
				2637.8	41068	21.11	22.5	0
				2682.5	41515	21.18	22.5	0
			37	2503.5	39725	21.84	22.5	0
				2548.3	40173	21.81	22.5	0
				2593	40620	21.33	22.5	0
				2637.8	41068	21.18	22.5	0
				2682.5	41515	21.10	22.5	0
		75RB		2503.5	39725	21.10	22.5	0
				2548.3	40173	21.66	22.5	0
				2593	40620	21.90	22.5	0
				2637.8	41068	21.12	22.5	0
				2682.5	41515	21.27	22.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 41 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	QPSK	1 RB	0	2501	39700	21.87	22.5	0
				2547	40160	22.30	22.5	0
				2593	40620	21.62	22.5	0
				2639	41080	21.31	22.5	0
				2685	41540	21.19	22.5	0
			25	2501	39700	21.90	22.5	0
				2547	40160	22.35	22.5	0
				2593	40620	21.81	22.5	0
				2639	41080	21.38	22.5	0
				2685	41540	21.33	22.5	0
			49	2501	39700	21.95	22.5	0
				2547	40160	22.25	22.5	0
				2593	40620	21.30	22.5	0
				2639	41080	21.54	22.5	0
				2685	41540	21.25	22.5	0
		25 RB	0	2501	39700	21.82	22.5	0
				2547	40160	22.24	22.5	0
				2593	40620	21.51	22.5	0
				2639	41080	21.16	22.5	0
				2685	41540	21.22	22.5	0
			12	2501	39700	21.73	22.5	0
				2547	40160	22.36	22.5	0
				2593	40620	21.66	22.5	0
				2639	41080	21.40	22.5	0
				2685	41540	21.30	22.5	0
			25	2501	39700	21.88	22.5	0
				2547	40160	22.15	22.5	0
				2593	40620	21.45	22.5	0
				2639	41080	21.33	22.5	0
				2685	41540	21.29	22.5	0
		50RB		2501	39700	21.06	22.5	0
				2547	40160	21.77	22.5	0
				2593	40620	21.93	22.5	0
				2639	41080	21.37	22.5	0
				2685	41540	21.31	22.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 41 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	16-QAM	1 RB	0	2501	39700	21.76	22.5	0
				2547	40160	22.21	22.5	0
				2593	40620	21.28	22.5	0
				2639	41080	21.09	22.5	0
				2685	41540	21.04	22.5	0
			25	2501	39700	21.93	22.5	0
				2547	40160	22.19	22.5	0
				2593	40620	21.71	22.5	0
				2639	41080	21.29	22.5	0
				2685	41540	21.40	22.5	0
			49	2501	39700	21.99	22.5	0
				2547	40160	22.12	22.5	0
				2593	40620	21.32	22.5	0
				2639	41080	21.46	22.5	0
				2685	41540	21.24	22.5	0
		25 RB	0	2501	39700	21.84	22.5	0
				2547	40160	22.25	22.5	0
				2593	40620	21.15	22.5	0
				2639	41080	21.12	22.5	0
				2685	41540	21.00	22.5	0
			12	2501	39700	21.53	22.5	0
				2547	40160	22.13	22.5	0
				2593	40620	21.47	22.5	0
				2639	41080	21.18	22.5	0
				2685	41540	21.19	22.5	0
			25	2501	39700	21.73	22.5	0
				2547	40160	22.06	22.5	0
				2593	40620	21.23	22.5	0
				2639	41080	21.36	22.5	0
				2685	41540	21.15	22.5	0
		50RB		2501	39700	21.02	22.5	0
				2547	40160	21.70	22.5	0
				2593	40620	21.75	22.5	0
				2639	41080	21.33	22.5	0
				2685	41540	21.07	22.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 41 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
10	64-QAM	1 RB	0	2501	39700	21.77	22.5	0
				2547	40160	22.18	22.5	0
				2593	40620	21.58	22.5	0
				2639	41080	21.22	22.5	0
				2685	41540	21.09	22.5	0
			25	2501	39700	21.69	22.5	0
				2547	40160	22.18	22.5	0
				2593	40620	21.60	22.5	0
				2639	41080	21.33	22.5	0
				2685	41540	21.35	22.5	0
			49	2501	39700	21.92	22.5	0
				2547	40160	22.11	22.5	0
				2593	40620	21.15	22.5	0
				2639	41080	21.40	22.5	0
				2685	41540	21.13	22.5	0
		25 RB	0	2501	39700	21.63	22.5	0
				2547	40160	22.07	22.5	0
				2593	40620	21.45	22.5	0
				2639	41080	21.12	22.5	0
				2685	41540	21.04	22.5	0
			12	2501	39700	21.63	22.5	0
				2547	40160	22.27	22.5	0
				2593	40620	21.63	22.5	0
				2639	41080	21.22	22.5	0
				2685	41540	21.26	22.5	0
			25	2501	39700	21.76	22.5	0
				2547	40160	21.96	22.5	0
				2593	40620	21.21	22.5	0
				2639	41080	21.23	22.5	0
				2685	41540	21.10	22.5	0
		50RB		2501	39700	21.04	22.5	0
				2547	40160	21.54	22.5	0
				2593	40620	21.79	22.5	0
				2639	41080	21.20	22.5	0
				2685	41540	21.09	22.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 41 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	QPSK	1 RB	0	2498.5	39675	21.93	22.5	0
				2547.8	40148	22.46	22.5	0
				2593	40620	21.48	22.5	0
				2640.3	41093	21.27	22.5	0
				2687.5	41565	21.32	22.5	0
			12	2498.5	39675	21.96	22.5	0
				2547.8	40148	22.35	22.5	0
				2593	40620	21.79	22.5	0
				2640.3	41093	21.43	22.5	0
				2687.5	41565	21.39	22.5	0
			24	2498.5	39675	21.90	22.5	0
				2547.8	40148	22.21	22.5	0
				2593	40620	21.44	22.5	0
				2640.3	41093	21.54	22.5	0
				2687.5	41565	21.32	22.5	0
		12 RB	0	2498.5	39675	21.79	22.5	0
				2547.8	40148	22.34	22.5	0
				2593	40620	21.46	22.5	0
				2640.3	41093	21.27	22.5	0
				2687.5	41565	21.17	22.5	0
			6	2498.5	39675	21.78	22.5	0
				2547.8	40148	22.28	22.5	0
				2593	40620	21.61	22.5	0
				2640.3	41093	21.35	22.5	0
				2687.5	41565	21.39	22.5	0
			13	2498.5	39675	21.82	22.5	0
				2547.8	40148	22.04	22.5	0
				2593	40620	21.42	22.5	0
				2640.3	41093	21.29	22.5	0
				2687.5	41565	21.25	22.5	0
		25RB		2498.5	39675	21.05	22.5	0
				2547.8	40148	21.73	22.5	0
				2593	40620	22.06	22.5	0
				2640.3	41093	21.28	22.5	0
				2687.5	41565	21.26	22.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 41 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	16-QAM	1 RB	0	2498.5	39675	21.74	22.5	0
				2547.8	40148	22.21	22.5	0
				2593	40620	21.33	22.5	0
				2640.3	41093	21.20	22.5	0
				2687.5	41565	20.98	22.5	0
			12	2498.5	39675	21.82	22.5	0
				2547.8	40148	22.18	22.5	0
				2593	40620	21.63	22.5	0
				2640.3	41093	21.40	22.5	0
				2687.5	41565	21.42	22.5	0
			24	2498.5	39675	21.87	22.5	0
				2547.8	40148	22.15	22.5	0
				2593	40620	21.32	22.5	0
				2640.3	41093	21.46	22.5	0
				2687.5	41565	21.20	22.5	0
		12 RB	0	2498.5	39675	21.87	22.5	0
				2547.8	40148	22.19	22.5	0
				2593	40620	21.31	22.5	0
				2640.3	41093	21.10	22.5	0
				2687.5	41565	20.92	22.5	0
			6	2498.5	39675	21.59	22.5	0
				2547.8	40148	22.31	22.5	0
				2593	40620	21.46	22.5	0
				2640.3	41093	21.16	22.5	0
				2687.5	41565	21.12	22.5	0
			13	2498.5	39675	21.72	22.5	0
				2547.8	40148	21.99	22.5	0
				2593	40620	21.30	22.5	0
				2640.3	41093	21.41	22.5	0
				2687.5	41565	21.22	22.5	0
		25RB		2498.5	39675	21.01	22.5	0
				2547.8	40148	21.68	22.5	0
				2593	40620	21.72	22.5	0
				2640.3	41093	21.31	22.5	0
				2687.5	41565	21.07	22.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

TDD Band 41 (Reducted Power)								
BW(Mhz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
5	64-QAM	1 RB	0	2498.5	39675	21.84	22.5	0
				2547.8	40148	22.13	22.5	0
				2593	40620	21.50	22.5	0
				2640.3	41093	21.14	22.5	0
				2687.5	41565	21.09	22.5	0
			12	2498.5	39675	21.69	22.5	0
				2547.8	40148	22.09	22.5	0
				2593	40620	21.45	22.5	0
				2640.3	41093	21.36	22.5	0
				2687.5	41565	21.39	22.5	0
			24	2498.5	39675	21.84	22.5	0
				2547.8	40148	22.24	22.5	0
				2593	40620	21.19	22.5	0
				2640.3	41093	21.43	22.5	0
				2687.5	41565	21.20	22.5	0
		12 RB	0	2498.5	39675	21.60	22.5	0
				2547.8	40148	22.15	22.5	0
				2593	40620	21.46	22.5	0
				2640.3	41093	21.01	22.5	0
				2687.5	41565	20.91	22.5	0
			6	2498.5	39675	21.68	22.5	0
				2547.8	40148	22.21	22.5	0
				2593	40620	21.51	22.5	0
				2640.3	41093	21.17	22.5	0
				2687.5	41565	21.31	22.5	0
			13	2498.5	39675	21.78	22.5	0
				2547.8	40148	21.92	22.5	0
				2593	40620	21.31	22.5	0
				2640.3	41093	21.14	22.5	0
				2687.5	41565	21.08	22.5	0
		25RB		2498.5	39675	20.91	22.5	0
				2547.8	40148	21.65	22.5	0
				2593	40620	21.91	22.5	0
				2640.3	41093	21.05	22.5	0
				2687.5	41565	21.15	22.5	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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

WLAN802.11 a/b/g/n(20M/40M)/ac(20M/40M/80M) conducted power table:

Antenna / Band	SISO		MIMO
	Chain 0	Chain 1	Chain0+1
WLAN802.11b	V	V	-
WLAN802.11g	V	V	-
WLAN802.11n(20M)	V	V	V
WLAN802.11n(40M)	V	V	V
WLAN802.11a	V	V	-
WLAN802.11n(20M) 5G	V	V	V
WLAN802.11n(40M) 5G	V	V	V
WLAN802.11ac(20M) 5G	V	V	V
WLAN802.11ac(40M) 5G	V	V	V
WLAN802.11ac(80M) 5G	V	V	V

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Tablet mode (Reduced power)

Main Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2450 MHz	802.11b	1	2412	1Mbps	17.50	17.49
		6	2437		17.50	17.43
		11	2462		17.50	17.41
		12	2467		14.00	13.90
		13	2472		8.00	7.92
	802.11g	1	2412	6Mbps	16.00	15.80
		2	2417		17.50	17.26
		6	2437		17.50	17.44
		10	2457		17.50	17.29
		11	2462		16.00	15.79
		12	2467		12.00	11.88
		13	2472		-3.00	-3.10
	802.11n20-HT0	1	2412	MCS0	16.00	15.86
		2	2417		17.50	17.34
		6	2437		17.50	17.32
		10	2457		17.50	17.38
		11	2462		16.00	15.93
		12	2467		12.00	11.95
		13	2472		-3.00	-3.10
	802.11n40-HT0	3	2422	MCS0	13.00	12.88
		4	2427		16.00	15.94
		6	2437		16.50	16.31
		8	2447		15.50	15.45
		9	2452		15.00	14.86
		10	2457		12.00	11.99
		11	2462		-4.00	-4.02

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	15.50	15.35
		40	5200		15.50	15.32
		44	5220		15.50	15.31
		48	5240		15.50	15.43
	802.11n20-HT0	36	5180	MCS0	15.50	15.45
		40	5200		15.50	15.43
		44	5220		15.50	15.38
		48	5240		15.50	15.33
	802.11ac20-VHT0	36	5180	MCS0	15.50	15.38
		40	5200		15.50	15.35
		44	5220		15.50	15.45
		48	5240		15.50	15.32
	802.11n40-HT0	38	5190	MCS0	15.50	15.46
		46	5230		15.50	15.47
	802.11ac40-VHT0	38	5190	MCS0	15.50	15.43
		46	5230		15.50	15.42
	802.11ac80-VHT0	42	5210	MCS0	13.00	12.97

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	15.50	15.41
		56	5280		15.50	15.44
		60	5300		15.50	15.49
		64	5320		15.50	15.45
	802.11n20-HT0	52	5260	MCS0	15.50	15.31
		56	5280		15.50	15.37
		60	5300		15.50	15.41
		64	5320		15.50	15.36
	802.11ac20-VHT0	52	5260	MCS0	15.50	15.34
		56	5280		15.50	15.39
		60	5300		15.50	15.32
		64	5320		15.50	15.44
	802.11n40-HT0	54	5270	MCS0	15.50	15.49
		62	5310		13.00	12.87
	802.11ac40-VHT0	54	5270	MCS0	15.50	15.41
		62	5310		13.00	12.93
	802.11ac80-VHT0	58	5290	MCS0	11.00	10.83

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 MHz	802.11a	100	5500	6Mbps	15.50	15.38
		104	5520		15.50	15.42
		116	5580		15.50	15.44
		120	5600		15.50	15.40
		136	5700		15.50	15.32
		140	5700		15.50	15.43
	802.11n20-HT0	100	5500	MCS0	15.50	15.39
		104	5520		15.50	15.45
		116	5580		15.50	15.31
		120	5600		15.50	15.42
		136	5680		15.50	15.43
		140	5700		15.50	15.41
	802.11ac20-VHT0	100	5500	MCS0	15.50	15.39
		104	5520		15.50	15.33
		116	5580		15.50	15.34
		120	5600		15.50	15.35
		136	5680		15.50	15.28
		140	5700		15.50	15.30
		144	5720		15.50	15.29
	802.11n40-HT0	102	5510	MCS0	15.50	15.49
		110	5550		15.50	15.45
		118	5590		15.50	15.43
		134	5670		15.50	15.48
	802.11ac40-VHT0	102	5510	MCS0	15.50	15.31
		110	5550		15.50	15.39
		118	5590		15.50	15.34
		134	5670		15.50	15.40
		142	5710		15.50	15.35
	802.11ac80-VHT0	106	5530	MCS0	13.00	12.98
		122	5610		15.50	15.45
		138	5690		15.50	15.49

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Antenna						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5800 MHz	802.11a	149	5745	6Mbps	15.50	15.43
		157	5785		15.50	15.42
		165	5825		15.50	15.34
	802.11n20-HT0	149	5745	MCS0	15.50	15.41
		157	5785		15.50	15.42
		165	5825		15.50	15.32
	802.11ac20-VHT0	149	5745	MCS0	15.50	15.45
		157	5785		15.50	15.31
		165	5825		15.50	15.26
	802.11n40-HT0	151	5755	MCS0	15.50	15.39
		159	5795		15.50	15.34
	802.11ac40-VHT0	151	5755	MCS0	15.50	15.29
		159	5795		15.50	15.28
	802.11ac80-VHT0	155	5775	MCS0	15.50	15.49

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2450 MHz	802.11b	1	2412	1Mbps	17.50	17.49
		6	2437		17.50	17.47
		11	2462		17.50	17.46
		12	2467		15.00	14.84
		13	2472		8.00	7.92
	802.11g	1	2412	6Mbps	17.00	16.83
		2	2417		17.50	17.43
		6	2437		17.50	17.33
		10	2457		17.50	17.26
		11	2462		17.00	16.88
		12	2467		13.00	11.90
		13	2472		-3.00	-3.23
	802.11n20-HT0	1	2412	MCS0	17.00	16.84
		2	2417		17.50	17.37
		6	2437		17.50	17.39
		10	2457		17.50	17.28
		11	2462		17.00	16.92
		12	2467		13.00	12.87
		13	2472		-3.00	-3.11
	802.11n40-HT0	3	2422	MCS0	16.00	15.83
		4	2427		16.00	15.93
		6	2437		16.50	16.32
		8	2447		15.50	15.41
		9	2452		15.00	14.84
		10	2457		12.00	11.98
		11	2462		-4.00	-4.04

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	15.50	15.36
		40	5200		15.50	15.26
		44	5220		15.50	15.44
		48	5240		15.50	15.38
	802.11n20-HT0	36	5180	MCS0	15.50	15.36
		40	5200		15.50	15.44
		44	5220		15.50	15.42
		48	5240		15.50	15.38
	802.11ac20-VHT0	36	5180	MCS0	15.50	15.40
		40	5200		15.50	15.39
		44	5220		15.50	15.43
		48	5240		15.50	15.41
	802.11n40-HT0	38	5190	MCS0	15.50	15.47
		46	5230		15.50	15.41
	802.11ac40-VHT0	38	5190	MCS0	15.50	15.45
		46	5230		15.50	15.35
	802.11ac80-VHT0	42	5210	MCS0	13.00	12.89

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	15.50	15.44
		56	5280		15.50	15.40
		60	5300		15.50	15.47
		64	5320		15.50	15.43
	802.11n20-HT0	52	5260	MCS0	15.50	15.39
		56	5280		15.50	15.31
		60	5300		15.50	15.26
		64	5320		15.50	15.30
	802.11ac20-VHT0	52	5260	MCS0	15.50	15.26
		56	5280		15.50	15.31
		60	5300		15.50	15.27
		64	5320		15.50	15.33
	802.11n40-HT0	54	5270	MCS0	15.50	15.49
		62	5310		13.00	13.00
	802.11ac40-VHT0	54	5270	MCS0	15.50	15.42
		62	5310		14.00	13.93
	802.11ac80-VHT0	58	5290	MCS0	12.00	11.98

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 MHz	802.11a	100	5500	6Mbps	15.50	15.44
		104	5520		15.50	15.46
		116	5580		15.50	15.39
		120	5600		15.50	15.45
		136	5700		15.50	15.40
		140	5700		15.50	15.43
	802.11n20-HT0	100	5500	MCS0	15.50	15.39
		104	5520		15.50	15.27
		116	5580		15.50	15.35
		120	5600		15.50	15.33
		136	5680		15.50	15.42
		140	5700		15.50	15.45
	802.11ac20-VHT0	100	5500	MCS0	15.50	15.32
		104	5520		15.50	15.34
		116	5580		15.50	15.39
		120	5600		15.50	15.36
		136	5680		15.50	15.44
		140	5700		15.50	15.30
		144	5720		15.50	15.28
	802.11n40-HT0	102	5510	MCS0	15.50	15.43
		110	5550		15.50	15.41
		118	5590		15.50	15.30
		134	5670		15.50	15.35
	802.11ac40-VHT0	102	5510	MCS0	15.50	15.43
		110	5550		15.50	15.31
		118	5590		15.50	15.41
		134	5670		15.50	15.35
		142	5710		15.50	15.27
	802.11ac80-VHT0	106	5530	MCS0	15.50	15.47
		122	5610		15.50	15.45
		138	5690		15.50	15.49

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Antenna						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5800 MHz	802.11a	149	5745	6Mbps	15.50	15.41
		157	5785		15.50	15.36
		165	5825		15.50	15.37
	802.11n20-HT0	149	5745	MCS0	15.50	15.44
		157	5785		15.50	15.47
		165	5825		15.50	15.43
	802.11n40-VHT0	149	5745	MCS0	15.50	15.29
		157	5785		15.50	15.46
		165	5825		15.50	15.42
	802.11n40-HT0	151	5755	MCS0	15.50	15.31
		159	5795		15.50	15.28
	802.11ac40-VHT0	151	5755	MCS0	15.50	15.38
		159	5795		15.50	15.32
	802.11ac80-VHT0	155	5775	MCS0	15.50	15.49

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Notebook mode (Full power)

Main Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2450 MHz	802.11b	1	2412	1Mbps	18.00	17.95
		2	2417		20.00	19.92
		6	2437		20.00	19.99
		10	2457		20.00	19.95
		11	2462		19.00	18.92
		12	2467		14.00	13.87
		13	2472		8.00	7.94
	802.11g	1	2412	6Mbps	16.00	15.80
		2	2417		19.00	18.84
		6	2437		20.00	19.82
		10	2457		19.00	18.85
		11	2462		16.00	15.95
		12	2467		12.00	11.88
		13	2472		-3.00	-3.18
	802.11n20-HT0	1	2412	MCS0	16.00	15.78
		2	2417		19.00	18.80
		6	2437		20.00	19.92
		10	2457		19.00	18.85
		11	2462		16.00	15.86
		12	2467		12.00	11.91
		13	2472		-3.00	-3.21
	802.11n40-HT0	3	2422	MCS0	13.00	12.77
		4	2427		16.00	15.91
		6	2437		16.50	16.39
		8	2447		15.50	15.38
		9	2452		15.00	14.87
		10	2457		12.00	11.98
		11	2462		-4.00	-4.02

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	18.00	17.99
		40	5200		20.00	19.96
		44	5220		20.00	19.99
		48	5240		20.00	19.95
	802.11n20-HT0	36	5180	MCS0	18.00	17.94
		40	5200		20.00	19.87
		44	5220		20.00	19.76
		48	5240		20.00	19.94
	802.11ac20-VHT0	36	5180	MCS0	18.00	17.77
		40	5200		20.00	19.86
		44	5220		20.00	19.82
		48	5240		20.00	19.94
	802.11n40-HT0	38	5190	MCS0	17.00	16.99
		46	5230		20.00	19.93
	802.11ac40-VHT0	38	5190	MCS0	17.00	16.86
		46	5230		20.00	19.90
	802.11ac80-VHT0	42	5210	MCS0	13.00	12.81

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	20.00	19.97
		56	5280		20.00	19.95
		60	5300		20.00	19.99
		64	5320		17.00	16.95
	802.11n20-HT0	52	5260	MCS0	20.00	19.88
		56	5280		20.00	19.82
		60	5300		20.00	19.86
		64	5320		17.00	16.87
	802.11ac20-VHT0	52	5260	MCS0	20.00	19.95
		56	5280		20.00	19.77
		60	5300		20.00	19.90
		64	5320		17.00	16.84
	802.11n40-HT0	54	5270	MCS0	20.00	19.96
		62	5310		13.00	12.92
	802.11ac40-VHT0	54	5270	MCS0	20.00	19.91
		62	5310		13.00	12.88
	802.11ac80-VHT0	58	5290	MCS0	11.00	10.83

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 MHz	802.11a	100	5500	6Mbps	18.00	17.92
		104	5520		20.00	19.97
		116	5580		20.00	19.99
		120	5600		20.00	19.91
		136	5700		20.00	19.92
		140	5700		17.00	16.95
	802.11n20-HT0	100	5500	MCS0	18.00	17.85
		104	5520		20.00	19.95
		116	5580		20.00	19.76
		120	5600		20.00	19.82
		136	5680		20.00	19.79
		140	5700		17.00	16.78
	802.11ac20-VHT0	100	5500	MCS0	18.00	17.85
		104	5520		20.00	19.89
		116	5580		20.00	19.76
		120	5600		20.00	19.88
		136	5680		20.00	19.77
		140	5700		17.00	16.80
		144	5720		19.00	18.84
	802.11n40-HT0	102	5510	MCS0	18.00	18.00
		110	5550		20.00	19.95
		118	5590		20.00	19.94
		134	5670		19.00	18.98
	802.11ac40-VHT0	102	5510	MCS0	18.00	17.95
		110	5550		20.00	19.83
		118	5590		20.00	19.91
		134	5670		19.00	18.78
		142	5710		20.00	19.80
	802.11ac80-VHT0	106	5530	MCS0	16.00	15.88
		122	5610		18.00	17.87
		138	5690		20.00	19.76

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Antenna						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5800 MHz	802.11a	149	5745	6Mbps	20.00	19.92
		157	5785		20.00	19.79
		165	5825		20.00	19.77
	802.11n20-HT0	149	5745	MCS0	20.00	19.81
		157	5785		20.00	19.86
		165	5825		20.00	19.84
	802.11ac20-VHT0	149	5745	MCS0	20.00	19.89
		157	5785		20.00	19.85
		165	5825		20.00	19.83
	802.11n40-HT0	151	5755	MCS0	20.00	19.94
		159	5795		20.00	19.99
	802.11ac40-VHT0	151	5755	MCS0	20.00	19.91
		159	5795		20.00	19.93
	802.11ac80-VHT0	155	5775	MCS0	18.00	17.87

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2450 MHz	802.11b	1	2412	1Mbps	18.00	17.98
		2	2417		20.00	19.99
		6	2437		20.00	19.94
		10	2457		20.00	19.93
		11	2462		19.00	18.76
		12	2467		15.00	14.89
		13	2472		8.00	7.92
	802.11g	1	2412	6Mbps	17.00	16.89
		2	2417		19.00	18.80
		6	2437		20.00	19.85
		10	2457		19.00	18.88
		11	2462		17.00	16.89
		12	2467		13.00	12.89
		13	2472		-3.00	-3.07
	802.11n20-HT0	1	2412	MCS0	17.00	16.84
		2	2417		19.00	18.85
		6	2437		20.00	19.82
		10	2457		19.00	18.78
		11	2462		17.00	16.93
		12	2467		13.00	12.92
		13	2472		-3.00	-3.16
	802.11n40-HT0	3	2422	MCS0	16.00	15.86
		4	2427		16.00	15.91
		6	2437		16.50	16.30
		8	2447		15.50	15.43
		9	2452		15.00	14.90
		10	2457		12.00	11.99
		11	2462		-4.00	-4.01

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	18.00	17.97
		40	5200		20.00	19.93
		44	5220		20.00	19.98
		48	5240		20.00	19.93
	802.11n20-HT0	36	5180	MCS0	18.00	17.87
		40	5200		20.00	19.95
		44	5220		20.00	19.91
		48	5240		20.00	19.78
	802.11ac20-VHT0	36	5180	MCS0	18.00	17.93
		40	5200		20.00	19.78
		44	5220		20.00	19.87
		48	5240		20.00	19.86
	802.11n40-HT0	38	5190	MCS0	17.00	16.99
		46	5230		20.00	19.95
	802.11ac40-VHT0	38	5190	MCS0	17.00	16.80
		46	5230		20.00	19.87
	802.11ac80-VHT0	42	5210	MCS0	13.00	12.86

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	20.00	19.99
		56	5280		20.00	19.96
		60	5300		20.00	19.91
		64	5320		17.00	16.98
	802.11n20-HT0	52	5260	MCS0	20.00	19.76
		56	5280		20.00	19.85
		60	5300		20.00	19.79
		64	5320		17.00	16.89
	802.11ac20-VHT0	52	5260	MCS0	20.00	19.82
		56	5280		20.00	19.77
		60	5300		20.00	19.78
		64	5320		17.00	16.87
	802.11n40-HT0	54	5270	MCS0	20.00	19.99
		62	5310		14.00	13.99
	802.11ac40-VHT0	54	5270	MCS0	20.00	19.79
		62	5310		14.00	13.82
	802.11ac80-VHT0	58	5290	MCS0	12.00	11.89

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Antenna						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 MHz	802.11a	100	5500	6Mbps	18.00	17.93
		104	5520		20.00	19.81
		116	5580		20.00	19.99
		120	5600		20.00	19.94
		136	5700		20.00	19.97
		140	5700		17.00	16.92
	802.11n20-HT0	100	5500	MCS0	18.00	17.94
		104	5520		20.00	19.90
		116	5580		20.00	19.82
		120	5600		20.00	19.91
		136	5680		20.00	19.80
		140	5700		17.00	16.77
		144	5720		19.00	18.85
	802.11ac20-VHT0	100	5500	MCS0	18.00	17.78
		104	5520		20.00	19.78
		116	5580		20.00	19.88
		120	5600		20.00	19.80
		136	5680		20.00	19.76
		140	5700		17.00	16.85
		144	5720		19.00	18.90
	802.11n40-HT0	102	5510	MCS0	16.00	15.98
		110	5550		20.00	19.99
		118	5590		20.00	19.96
		134	5670		19.00	18.98
	802.11ac40-VHT0	102	5510	MCS0	18.00	17.77
		110	5550		20.00	19.84
		118	5590		20.00	19.79
		134	5670		19.00	18.95
		142	5710		20.00	19.81
	802.11ac80-VHT0	106	5530	MCS0	16.00	15.92
		122	5610		18.00	17.87
		138	5690		20.00	19.93

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Antenna						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5800 MHz	802.11a	149	5745	6Mbps	20.00	19.77
		157	5785		20.00	19.92
		165	5825		20.00	19.95
	802.11n20-HT0	149	5745	MCS0	20.00	19.89
		157	5785		20.00	19.82
		165	5825		20.00	19.79
	802.11n40-VHT0	149	5745	MCS0	20.00	19.87
		157	5785		20.00	19.88
		165	5825		20.00	19.94
	802.11n40-HT0	151	5755	MCS0	20.00	19.99
		159	5795		20.00	19.91
	802.11ac40-VHT0	151	5755	MCS0	20.00	19.81
		159	5795		20.00	19.93
	802.11ac80-VHT0	155	5775	MCS0	18.00	17.91

Bluetooth conducted power table:

Mode	Channel	Frequency (MHz)	1Mbps		2Mbps		3Mbps	
			Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
BR/EDR	CH 00	2402	11.50	11.45	8.00	7.88	7.00	6.94
	CH 39	2441	11.50	11.48	8.00	7.85	7.00	6.99
	CH 78	2480	11.50	11.30	8.00	8.00	7.00	6.79

Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
LE	CH 00	2402	7	6.96
	CH 19	2440		6.73
	CH 39	2480		6.84

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

1.3.1 LTE Downlink CA specification

LTE Downlink 2CA conducted power table

Two Component Carrier Maximum Conducted Power															
PCC									SCC				Full Power		Configurations
PCC Band	PCC Bandwidth [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (UL) Channel	PCC (UL) Frequency [MHz]	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)	
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B17	10	5790	740	23.31	23.45	CA_2A-17A
LTE B17	10	QPSK	1	0	23800	711	5800	741	LTE B2	20	900	1960	23.34	23.38	CA_2A-17A
LTE B4	20	QPSK	1	99	20175	1732.5	2175	2132.5	LTE B17	10	5790	740	23.83	23.97	CA_4A-17A
LTE B17	10	QPSK	1	0	23800	711	5800	741	LTE B4	20	2175	2132.5	23.28	23.38	CA_4A-17A
LTE B5	10	QPSK	1	25	20525	836.5	2525	881.5	LTE B7	20	3100	2655	23.67	23.69	CA_5A-7A
LTE B7	20	QPSK	1	0	21350	2560	3350	2680	LTE B5	10	2525	881.5	23.77	23.88	CA_5A-7A
LTE B5	10	QPSK	1	25	20525	836.5	2525	881.5	LTE B66	20	66786	2145	23.65	23.69	CA_5A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B5	10	2525	881.5	23.80	23.90	CA_5A-66A
LTE B7	20	QPSK	1	0	21350	2560	3350	2680	LTE B7	20	3100	2655	23.81	23.88	CA_7A-7A
LTE B7	20	QPSK	1	0	21350	2560	3350	2680	LTE B7	20	3100	2655	23.74	23.88	CA_7B
LTE B7	20	QPSK	1	0	21350	2560	3350	2680	LTE B7	20	3100	2655	23.86	23.88	CA_7C
LTE B25	20	QPSK	1	50	26140	1860	8140	1940	LTE B26	15	8865	876.5	23.33	23.35	CA_25A-26A
LTE B26	15	QPSK	1	0	26965	841.5	8965	886.5	LTE B25	20	8365	1962.5	23.60	23.64	CA_25A-26A
LTE B25	20	QPSK	1	50	26140	1860	8140	1940	LTE B41	20	40620	2593	23.23	23.35	CA_25A-41A
LTE B41	20	QPSK	1	0	41055	2636.5	41005	2636.5	LTE B25	20	8365	1962.5	24.39	24.43	CA_25A-41A
LTE B25	20	QPSK	1	99	26140	1860	8140	1940	LTE B25	20	8590	1985	23.14	23.26	CA_25A-25A
LTE B26	15	QPSK	1	0	26965	841.5	8965	886.5	LTE B41	20	40620	2593	23.61	23.64	CA_26A-41A
LTE B41	20	QPSK	1	0	41055	2636.5	41005	2636.5	LTE B26	15	8865	876.5	24.33	24.43	CA_26A-41A
LTE B41	20	QPSK	1	0	39750	2506	39750	2506	LTE B41	20	41490	2680	24.89	24.96	CA_41A-41A

Two Component Carrier Maximum Conducted Power															
PCC									SCC				Reduced Power		Configurations
PCC Band	PCC Bandwidth [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (UL) Channel	PCC (UL) Frequency [MHz]	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)	
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B17	10	5790	740	18.71	18.86	CA_2A-17A
LTE B17	10	QPSK	1	0	23800	711	5800	741	LTE B2	20	900	1960	21.35	21.49	CA_2A-17A
LTE B4	20	QPSK	1	50	20050	1720	2050	2120	LTE B17	10	5790	740	19.92	19.95	CA_4A-17A
LTE B17	10	QPSK	1	0	23800	711	5800	741	LTE B4	20	2175	2132.5	21.43	21.49	CA_4A-17A
LTE B5	10	QPSK	1	25	20525	836.5	2525	881.5	LTE B7	20	3100	2655	20.72	20.86	CA_5A-7A
LTE B7	20	QPSK	1	50	20850	2510	2850	2630	LTE B5	10	2525	881.5	19.67	19.82	CA_5A-7A
LTE B5	10	QPSK	1	25	20525	836.5	2525	881.5	LTE B66	20	66786	2145	20.71	20.86	CA_5A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B5	10	2525	881.5	19.29	19.44	CA_5A-66A
LTE B7	20	QPSK	1	50	20850	2510	2850	2630	LTE B7	20	3100	2655	19.69	19.82	CA_7A-7A
LTE B7	20	QPSK	1	50	20850	2510	2850	2630	LTE B7	20	3100	2655	19.69	19.82	CA_7B
LTE B7	20	QPSK	1	50	20850	2510	2850	2630	LTE B7	20	3100	2655	19.71	19.82	CA_7C
LTE B25	20	QPSK	1	0	26365	1882.5	8365	1962.5	LTE B26	15	8865	876.5	18.35	18.40	CA_25A-26A
LTE B26	15	QPSK	1	0	26965	841.5	8965	886.5	LTE B25	20	8365	1962.5	20.96	21.00	CA_25A-26A
LTE B25	20	QPSK	1	0	26365	1882.5	8365	1962.5	LTE B41	20	40620	2593	18.36	18.40	CA_25A-41A
LTE B25	20	QPSK	1	99	26140	1860	8140	1940	LTE B25	20	8590	1985	18.31	18.45	CA_25A-25A
LTE B26	15	QPSK	1	0	26965	841.5	8965	886.5	LTE B41	20	40620	2593	20.85	21.00	CA_26A-41A
LTE B41	20	QPSK	1	0	41055	2636.5	41005	2636.5	LTE B26	15	8865	876.5	21.31	21.37	CA_26A-41A
LTE B41	20	QPSK	1	0	39750	2506	39750	2506	LTE B41	20	41490	2680	21.93	22.01	CA_41A-41A

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 3CA conducted power table

Three Component Carrier Maximum Conducted Power																			
PCC									SCC 1				SCC 2				Full Power		
PCC Band	PCC Bandwidth [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (UL) Channel	PCC (UL) Frequency [MHz]	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)	Configurations
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B4	20	2175	2132.5	LTE B13	10	5230	751	23.42	23.45	CA_2A-4A-13A
LTE B4	20	QPSK	1	99	20175	1732.5	2175	2132.5	LTE B2	20	900	1960	LTE B13	10	5230	751	23.94	23.97	CA_2A-4A-13A
LTE B13	10	QPSK	1	25	23230	782	5230	751	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	23.54	23.66	CA_2A-4A-13A
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B29	10	9715	722.5	LTE B30	10	9820	2355	23.43	23.45	CA_2A-29A-30A
LTE B30	10	QPSK	1	49	27710	2310	9820	2355	LTE B2	20	900	1960	LTE B29	10	9715	722.5	19.77	19.87	CA_2A-29A-30A
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B5	10	2525	881.5	LTE B66	20	66786	2145	23.31	23.45	CA_2A-5A-66A
LTE B5	10	QPSK	1	25	20525	836.5	2525	881.5	LTE B2	20	900	1960	LTE B66	20	66786	2145	23.67	23.69	CA_2A-5A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B2	20	900	1960	LTE B5	10	2525	881.5	23.82	23.90	CA_2A-5A-66A
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B13	10	5230	751	LTE B66	20	66786	2145	23.37	23.45	CA_2A-13A-66A
LTE B13	10	QPSK	1	25	23230	782	5230	751	LTE B2	20	900	1960	LTE B66	20	66786	2145	23.55	23.66	CA_2A-13A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B2	20	900	1960	LTE B13	10	5230	751	23.82	23.90	CA_2A-13A-66A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	898	1959.8	LTE B29	10	9715	722.5	23.27	23.38	CA_2C-29A
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B66	20	66536	2120	LTE B66	20	66734	2139.8	23.35	23.45	CA_2A-66B
LTE B66	10	QPSK	1	49	132622	1775	67086	2175	LTE B66	10	66987	2165.1	LTE B2	20	900	1960	23.49	23.60	CA_2A-66B
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B66	20	66536	2120	LTE B66	20	66734	2139.8	23.39	23.45	CA_2A-66C
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B66	20	66734	2139.8	LTE B2	20	900	1960	23.81	23.90	CA_2A-66C
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B5	10	2525	881.5	23.35	23.38	CA_2A-2A-5A
LTE B5	10	QPSK	1	25	20525	836.5	2525	881.5	LTE B2	20	700	1940	LTE B2	20	1100	1980	23.68	23.69	CA_2A-2A-5A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B13	10	5230	751	23.32	23.38	CA_2A-2A-13A
LTE B13	10	QPSK	1	25	23230	782	5230	751	LTE B2	20	700	1940	LTE B2	20	1100	1980	23.58	23.66	CA_2A-2A-13A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B66	20	66734	2139.8	23.37	23.38	CA_2A-2A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B2	20	700	1940	LTE B2	20	1100	1980	23.75	23.90	CA_2A-2A-66A
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B66	20	66536	2120	LTE B66	20	67036	2170	23.39	23.45	CA_2A-66A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B66	20	66536	2120	LTE B2	20	900	1960	23.81	23.90	CA_2A-66A-66A
LTE B4	20	QPSK	1	99	20175	1732.5	2175	2132.5	LTE B29	10	9715	722.5	LTE B30	10	9820	2355	23.87	23.97	CA_4A-29A-30A
LTE B30	10	QPSK	1	49	27710	2310	9820	2355	LTE B4	20	2175	2132.5	LTE B29	10	9715	722.5	19.85	19.87	CA_4A-29A-30A
LTE B4	20	QPSK	1	0	20050	1720	2050	2120	LTE B4	20	2300	2145	LTE B5	10	2525	881.5	23.91	23.94	CA_4A-4A-5A
LTE B5	10	QPSK	1	25	20525	836.5	2525	881.5	LTE B4	20	2050	2120	LTE B4	20	2300	2145	23.68	23.69	CA_4A-4A-5A
LTE B4	20	QPSK	1	0	20050	1720	2050	2120	LTE B4	20	2300	2145	LTE B13	10	5230	751	23.81	23.94	CA_4A-4A-13A
LTE B13	10	QPSK	1	25	23230	782	5230	751	LTE B4	20	2050	2120	LTE B4	20	2300	2145	23.65	23.66	CA_4A-4A-13A
LTE B5	10	QPSK	1	25	20525	836.5	2525	881.5	LTE B66	20	66536	2120	LTE B66	20	67036	2170	23.68	23.69	CA_5A-66A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B66	20	66536	2120	LTE B5	10	2525	881.5	23.80	23.90	CA_5A-66A-66A
LTE B13	10	QPSK	1	25	23230	782	5230	751	LTE B66	20	66536	2120	LTE B66	20	67036	2170	23.63	23.66	CA_13A-66A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B66	20	66536	2120	LTE B13	10	5230	751	23.81	23.90	CA_13A-66A-66A
LTE B41	20	QPSK	1	0	41005	2636.5	41005	2636.5	LTE B41	20	39750	2506	LTE B41	20	39948	2525.8	24.40	24.43	CA_41A-41C
LTE B41	20	QPSK	1	0	39750	2506	39750	2506	LTE B41	20	39948	2525.8	LTE B41	20	41490	2680	24.81	24.96	CA_41A-41C
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B66	15	67213	2187.7	LTE B66	5	67306	2197	23.88	23.90	CA_66A-66B
LTE B66	20	QPSK	1	99	132072	1720	66536	2120	LTE B66	20	67038	2170.2	LTE B66	20	67236	2190	23.58	23.59	CA_66A-66C
LTE B66	20	QPSK	1	99	132072	1720	66536	2120	LTE B66	20	66734	2139.8	LTE B66	20	66932	2159.6	23.53	23.59	CA_66D

Three Component Carrier Maximum Conducted Power																			
PCC									SCC 1				SCC 2				Reduced Power		
PCC Band	PCC Bandwidth [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (UL) Channel	PCC (UL) Frequency [MHz]	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)	Configurations
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B4	20	2175	2132.5	LTE B13	10	5230	751	18.76	18.86	CA_2A-4A-13A
LTE B4	20	QPSK	1	50	20050	1720	2050	2120	LTE B2	20	900	1960	LTE B13	10	5230	751	19.91	19.95	CA_2A-4A-13A
LTE B13	10	QPSK	1	25	23230	782	5230	751	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	20.86	20.91	CA_2A-4A-13A
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B29	10	9715	722.5	LTE B30	10	9820	2355	18.82	18.86	CA_2A-29A-30A
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B5	10	2525	881.5	LTE B66	20	66786	2145	18.83	18.86	CA_2A-5A-66A
LTE B5	10	QPSK	1	25	20525	836.5	2525	881.5	LTE B2	20	900	1960	LTE B66	20	66786	2145	20.85	20.86	CA_2A-5A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B2	20	900	1960	LTE B5	10	2525	881.5	19.40	19.44	CA_2A-5A-66A
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B13	10	5230	751	LTE B66	20	66786	2145	18.83	18.86	CA_2A-13A-66A
LTE B13	10	QPSK	1	25	23230	782	5230	751	LTE B2	20	900	1960	LTE B66	20	66786	2145	20.85	20.91	CA_2A-13A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B2	20	900	1960	LTE B13	10	5230	751	19.37	19.44	CA_2A-13A-66A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	898	1959.8	LTE B29	10	9715	722.5	18.73	18.76	CA_2C-29A
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B66	20	66536	2120	LTE B66	20	66734	2139.8	18.84	18.86	CA_2A-66B
LTE B66	10	QPSK	1	49	132622	1775	67086	2175	LTE B66	10	66987	2165.1	LTE B2	20	900	1960	19.35	19.37	CA_2A-66B
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B66	20	66536	2120	LTE B66	20	66734	2139.8	18.75	18.86	CA_2A-66C
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B66	20	66734	2139.8	LTE B2	20	900	1960	19.32	19.44	CA_2A-66C
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B5	10	2525	881.5	18.73	18.76	CA_2A-2A-5A
LTE B5	10	QPSK	1	25	20525	836.5	2525	881.5	LTE B2	20	700	1940	LTE B2	20	1100	1980	20.78	20.86	CA_2A-2A-5A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B13	10	5230	751	18.71	18.76	CA_2A-2A-13A
LTE B13	10	QPSK	1	25	23230	782	5230	751	LTE B2	20	700	1940	LTE B2	20	1100	1980	20.85	20.91	CA_2A-2A-13A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B66	20	66734	2139.8	18.65	18.76	CA_2A-2A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B2	20	700	1940	LTE B2	20	1100	1980	19.32	19.44	CA_2A-2A-66A
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B66	20	66536	2120	LTE B66	20	67036	2170	18.83	18.86	CA_2A-66A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B66	20	66536	2120	LTE B2	20	900	1960	19.32	19.44	CA_2A-66A-66A
LTE B4	20	QPSK	1	50	20050	1720	2050	2120	LTE B29	10	9715	722.5	LTE B30	10	9820	2355	19.87	19.95	CA_4A-29A-30A
LTE B4	20	QPSK	1	0	20050	1720	2050	2120	LTE B4	20	2300	2145	LTE B5	10	2525	881.5	19.65	19.80	CA_4A-4A-5A
LTE B5	10	QPSK	1	25	20525	836.5	2525	881.5	LTE B4	20	2050	2120	LTE B4	20	2300	2145	20.85	20.86	CA_4A-4A-5A
LTE B4	20	QPSK	1	0	20050	1720	2050	2120	LTE B4	20	2300	2145	LTE B13	10	5230	751	19.87	19.95	CA_4A-4A-13A
LTE B13	10	QPSK	1	25	23230	782	5230	751	LTE B4	20	2050	2120	LTE B4	20	2300	2145	20.78	20.91	CA_4A-4A-13A
LTE B5	10	QPSK	1	25	20525	836.5	2525	881.5	LTE B66	20	66536	2120	LTE B66	20	67036	2170	20.75	20.86	CA_5A-66A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B66	20	66536	2120	LTE B5	10	2525	881.5	19.30	19.44	CA_5A-66A-66A
LTE B13	10	QPSK	1	25	23230	782	5230	751	LTE B66	20	66536	2120	LTE B66	20	67036	2170	20.83	20.91	CA_13A-66A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B66	20	66536	2120	LTE B13	10	5230	751	19.39	19.44	CA_13A-66A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B66	15	67213	2187.7	LTE B66	5	67306	2197	19.36	19.44	CA_66A-66B
LTE B66	20	QPSK	1	99	132072	1720	66536	2120	LTE B66	20	67038	2170.2	LTE B66	20	67236	2190	19.17	19.23	CA_66A-66C
LTE B66	20	QPSK	1	99	132072	1720	66536	2120	LTE B66	20	66734	2139.8	LTE B66	20	66932	2159.6	19.13	19.23	CA_66D

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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																							
PCC								SCC 1				SCC 2				SCC 3				Full Power		Configurations
PCC Band	PCC Bandwidth [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (UL) Channel	PCC (UL) Frequency [MHz]	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)	
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B4	20	2175	2132.5	LTE B5	10	2525	881.5	LTE B30	10	9820	2355	23.41	23.45	CA_2A-4A-5A-30A
LTE B4	20	QPSK	1	99	20175	1732.5	2175	2132.5	LTE B2	20	900	1960	LTE B5	10	2525	881.5	LTE B30	10	9820	2355	23.33	23.45	CA_2A-4A-5A-30A
LTE B5	10	QPSK	1	25	20525	836.5	2525	881.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B30	10	9820	2355	23.62	23.69	CA_2A-4A-5A-30A
LTE B30	10	QPSK	1	49	27710	2310	9820	2355	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B5	10	2525	881.5	19.83	19.87	CA_2A-4A-5A-30A
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B4	20	2175	2132.5	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	23.44	23.45	CA_2A-4A-12A-30A
LTE B4	20	QPSK	1	99	20175	1732.5	2175	2132.5	LTE B2	20	900	1960	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	23.41	23.45	CA_2A-4A-12A-30A
LTE B12	10	QPSK	1	25	23095	707.5	5095	737.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B30	10	9820	2355	23.09	23.18	CA_2A-4A-12A-30A
LTE B30	10	QPSK	1	49	27710	2310	9820	2355	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B12	10	5095	737.5	19.80	19.87	CA_2A-4A-12A-30A
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B14	10	5330	763	LTE B30	10	9820	2355	LTE B66	20	66734	2139.8	23.31	23.45	CA_2A-14A-30A-66A
LTE B14	10	QPSK	1	0	23330	793	5330	763	LTE B2	20	900	1960	LTE B30	10	9820	2355	LTE B66	20	66734	2139.8	23.53	23.63	CA_2A-14A-30A-66A
LTE B30	10	QPSK	1	49	27710	2310	9820	2355	LTE B2	20	900	1960	LTE B14	10	5330	763	LTE B66	20	66734	2139.8	19.78	19.87	CA_2A-14A-30A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B2	20	900	1960	LTE B14	10	5330	763	LTE B30	10	9820	2355	23.77	23.90	CA_2A-14A-30A-66A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	23.29	23.38	CA_2A-2A-12A-30A
LTE B12	10	QPSK	1	25	23095	707.5	5095	737.5	LTE B2	20	700	1940	LTE B2	20	1100	1980	LTE B30	10	9820	2355	23.16	23.18	CA_2A-2A-12A-30A
LTE B30	10	QPSK	1	49	27710	2310	9820	2355	LTE B2	20	700	1940	LTE B2	20	1100	1980	LTE B12	10	5095	737.5	19.86	19.87	CA_2A-2A-12A-30A
LTE B5	10	QPSK	1	49	20450	829	2450	874	LTE B5	10	2600	889	LTE B66	15	67213	2187.7	LTE B66	5	67306	2197	23.50	23.59	CA_5A-5A-66B
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B66	10	66987	2165.1	LTE B5	10	2450	874	LTE B5	10	2600	889	23.82	23.90	CA_5A-5A-66B
LTE B5	10	QPSK	1	49	20450	829	2450	874	LTE B5	10	2600	889	LTE B66	20	66536	2120	LTE B66	20	66734	2139.8	23.46	23.59	CA_5A-5A-66C
LTE B66	20	QPSK	1	99	132072	1720	66536	2120	LTE B66	20	66734	2139.8	LTE B5	10	2450	874	LTE B5	10	2600	889	23.55	23.59	CA_5A-5A-66C
LTE B5	10	QPSK	1	49	20450	829	2450	874	LTE B5	10	2549	883.9	LTE B66	20	66536	2120	LTE B66	20	67036	2170	23.51	23.59	CA 5B-66A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B66	20	66536	2120	LTE B5	10	2450	874	LTE B5	10	2549	883.9	23.77	23.90	CA 5B-66A-66A
LTE B25	20	QPSK	1	50	26140	1860	8140	1940	LTE B41	20	39750	2506	LTE B41	20	39948	2525.8	LTE B41	20	40146	2545.6	23.27	23.35	CA 25A-41D
LTE B41	20	QPSK	1	0	39750	2506	39750	2506	LTE B41	20	39948	2525.8	LTE B41	20	40146	2545.6	LTE B25	20	8365	1962.5	24.90	24.96	CA 25A-41D
LTE B41	20	QPSK	1	0	39750	2506	39750	2506	LTE B41	20	41094	2640.4	LTE B41	20	41292	2660.2	LTE B41	20	41490	2680	24.89	24.96	CA 41A-41D
LTE B41	20	QPSK	1	0	39750	2506	39750	2506	LTE B41	20	39948	2525.8	LTE B41	20	41292	2660.2	LTE B41	20	41490	2680	24.90	24.96	CA 41C-41C

Four Component Carrier Maximum Conducted Power																							
PCC								SCC 1				SCC 2				SCC 3				Reduced Power		Configurations
PCC Band	PCC Bandwidth [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (UL) Channel	PCC (UL) Frequency [MHz]	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)	
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B4	20	2175	2132.5	LTE B5	10	2525	881.5	LTE B30	10	9820	2355	18.74	18.86	CA_2A-4A-5A-30A
LTE B4	20	QPSK	1	50	20050	1720	2050	2120	LTE B2	20	900	1960	LTE B5	10	2525	881.5	LTE B30	10	9820	2355	19.86	19.95	CA_2A-4A-5A-30A
LTE B5	10	QPSK	1	25	20525	836.5	2525	881.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B30	10	9820	2355	20.74	20.86	CA_2A-4A-5A-30A
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B4	20	2175	2132.5	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	18.83	18.86	CA_2A-4A-12A-30A
LTE B4	20	QPSK	1	50	20050	1720	2050	2120	LTE B2	20	900	1960	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	19.85	19.95	CA_2A-4A-12A-30A
LTE B12	10	QPSK	1	25	23095	707.5	5095	737.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B30	10	9820	2355	21.19	21.27	CA_2A-4A-12A-30A
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B14	10	5330	763	LTE B30	10	9820	2355	LTE B66	20	66734	2139.8	18.80	18.86	CA_2A-14A-30A-66A
LTE B14	10	QPSK	1	0	23330	793	5330	763	LTE B2	20	900	1960	LTE B30	10	9820	2355	LTE B66	20	66734	2139.8	20.53	20.62	CA_2A-14A-30A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B2	20	900	1960	LTE B14	10	5330	763	LTE B30	10	9820	2355	19.31	19.44	CA_2A-14A-30A-66A
LTE B2	20	QPSK	1	0	18700	1860	700	1940	LTE B2	20	1100	1980	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	18.65	18.76	CA_2A-2A-12A-30A
LTE B12	10	QPSK	1	25	23095	707.5	5095	737.5	LTE B2	20	700	1940	LTE B2	20	1100	1980	LTE B30	10	9820	2355	21.25	21.27	CA_2A-2A-12A-30A
LTE B5	10	QPSK	1	25	20450	829	2450	874	LTE B5	10	2600	889	LTE B66	15	67213	2187.7	LTE B66	5	67306	2197	20.62	20.74	CA_5A-5A-66B
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B66	10	66987	2165.1	LTE B5	10	2450	874	LTE B5	10	2600	889	19.34	19.44	CA_5A-5A-66B
LTE B5	10	QPSK	1	49	20450	829	2450	874	LTE B5	10	2600	889	LTE B66	20	66536	2120	LTE B66	20	66734	2139.8	20.76	20.86	CA_5A-5A-66C
LTE B66	20	QPSK	1	99	132072	1720	66536	2120	LTE B66	20	66734	2139.8	LTE B5	10	2450	874	LTE B5	10	2600	889	19.14	19.23	CA_5A-5A-66C
LTE B5	10	QPSK	1	49	20450	829	2450	874	LTE B5	10	2549	883.9	LTE B66	20	66536	2120	LTE B66	20	67036	2170	20.72	20.86	CA 5B-66A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B66	20	66536	2120	LTE B5	10	2450	874	LTE B5	10	2549	883.9	19.40	19.44	CA 5B-66A-66A
LTE B25	20	QPSK	1	0	26365	1882.5	8140	1940	LTE B41	20	39750	2506	LTE B41	20	39948	2525.8	LTE B41	20	40146	2545.6	18.38	18.40	CA 25A-41D

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 5CA conducted power table

Five Component Carrier Maximum Conducted Power																														
PCC									SCC 1				SCC 2				SCC 4				SCC 3				Full Power			
PCC Band	PCC Bandwidth [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (UL) Channel	PCC (UL) Frequency [MHz]	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]	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)	Configurations
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B5	10	2450	874	LTE B5	10	2549	883.9	LTE B30	10	9820	2355	LTE B66	20	66734	2139.8	23.37	23.45	CA 2A-5B-30A-66A
LTE B5	10	QPSK	1	25	20525	836.5	2525	881.5	LTE B5	10	2549	883.9	LTE B2	20	900	1960	LTE B30	10	9820	2355	LTE B66	20	66734	2139.8	23.56	23.69	CA 2A-5B-30A-66A
LTE B30	10	QPSK	1	49	27710	2310	9820	2355	LTE B2	20	900	1960	LTE B5	10	2450	874	LTE B5	10	2549	883.9	LTE B66	20	66734	2139.8	19.75	19.87	CA 2A-5B-30A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B2	20	900	1960	LTE B5	10	2450	874	LTE B5	10	2549	883.9	LTE B30	10	9820	2355	23.83	23.90	CA 2A-5B-30A-66A
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B5	10	2450	874	LTE B5	10	2549	883.9	LTE B66	20	67036	2170	LTE B66	20	66536	2120	23.40	23.45	CA 2A-5B-66A-66A
LTE B5	10	QPSK	1	25	20525	836.5	2525	881.5	LTE B5	10	2450	874	LTE B66	20	67036	2170	LTE B66	20	66536	2120	LTE B2	20	900	1960	23.66	23.69	CA 2A-5B-66A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B66	20	66536	2120	LTE B5	10	2450	874	LTE B5	10	2549	883.9	LTE B2	20	900	1960	23.82	23.90	CA 2A-5B-66A-66A
LTE B41	20	QPSK	1	0	39750	2506	39750	2506	LTE B41	20	39948	2525.8	LTE B41	20	41094	2640.4	LTE B41	20	41292	2660.2	LTE B41	20	41490	2680	24.95	24.96	CA 41C-41D
LTE B41	20	QPSK	1	0	39750	2506	39750	2506	LTE B41	20	39948	2525.8	LTE B41	20	40146	2545.6	LTE B41	20	39750	2506	LTE B41	20	39948	2525.8	24.91	24.96	CA 41C-41D

Five Component Carrier Maximum Conducted Power																														
PCC									SCC 1				SCC 2				SCC 4				SCC 3				Reduced Power			
PCC Band	PCC Bandwidth [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (UL) Channel	PCC (UL) Frequency [MHz]	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]	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)	Configurations
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B5	10	2450	874	LTE B5	10	2549	883.9	LTE B30	10	9820	2355	LTE B66	20	66734	2139.8	18.80	18.86	CA 2A-5B-30A-66A
LTE B5	10	QPSK	1	25	20525	836.5	2525	881.5	LTE B5	10	2549	883.9	LTE B2	20	900	1960	LTE B30	10	9820	2355	LTE B66	20	66734	2139.8	20.75	20.86	CA 2A-5B-30A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B2	20	900	1960	LTE B5	10	2450	874	LTE B5	10	2549	883.9	LTE B30	10	9820	2355	19.34	19.44	CA 2A-5B-30A-66A
LTE B2	20	QPSK	1	50	19100	1900	1100	1980	LTE B5	10	2450	874	LTE B5	10	2549	883.9	LTE B66	20	67036	2170	LTE B66	20	66536	2120	18.72	18.86	CA 2A-5B-66A-66A
LTE B5	10	QPSK	1	25	20525	836.5	2525	881.5	LTE B5	10	2450	874	LTE B66	20	67036	2170	LTE B66	20	66536	2120	LTE B2	20	900	1960	20.83	20.86	CA 2A-5B-66A-66A
LTE B66	20	QPSK	1	0	132572	1770	67036	2170	LTE B66	20	66536	2120	LTE B5	10	2450	874	LTE B5	10	2549	883.9	LTE B2	20	900	1960	19.34	19.44	CA 2A-5B-66A-66A

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 CA information

A)

The device supports downlink LTE Carrier Aggregation (CA) only. It supports a maximum of 5 carriers in the downlink. Other Release 10 features or higher features are not supported, including Uplink Carrier Aggregation, Enhanced SC-FDMA and Uplink MIMO or other antenna diversity configurations etc. All uplink communications are identical to the Release 8 Specifications.

The possible downlink LTE CA combinations supported by this device are as below tables per 3GPP TS 36.521-1 V14.3.0. The conducted power measurement results of downlink LTE CA are provided as above per 3GPP TS 36.521-1 V14.3.0. According to KDB 941225 D05A and RF exposure procedures in TCB workshop April 2018, the downlink LTE CA SAR test is not required.

B)

CA combination table

Index	2CC	Restriction	Completely Covered by Measurement	Index	3CC	Restriction	Completely Covered by Measurement	Index	4CC	Restriction	Completely Covered by Measurement	Index	5CC	Restriction	Completely Covered by Measurement
2CC #1	CA 2A-4A		3CC #1	3CC #1	CA 2A-4A-5A		4CC #1	4CC #1	CA 2A-4A-5A-30A		No	5CC #1	CA 2A-5B-30A-66A		No
2CC #2	CA 2A-5A		3CC #3	3CC #2	CA 2A-4A-13A		No	4CC #2	CA 2A-4A-12A-30A		No	5CC #2	CA 2A-5B-66A-66A		No
2CC #3	CA 2A-12A		3CC #4	3CC #3	CA 2A-5A-30A		4CC #1	4CC #3	CA 2A-14A-30A-66A		No	5CC #3	CA 41C-41D		No
2CC #4	CA 2A-13A		3CC #7	3CC #4	CA 2A-12A-30A		4CC #2	4CC #4	CA 2A-2A-12A-30A		No				
2CC #5	CA 2A-14A		3CC #5	3CC #5	CA 2A-14A-30A		4CC #3	4CC #5	CA 2A-5B-30A		5CC #1				
2CC #6	CA 2A-17A		No	3CC #6	CA 2A-14A-66A		4CC #3	4CC #6	CA 2A-5B-66A		5CC #1				
2CC #7	CA 2A-29A	B29 SCC only	3CC #7	3CC #7	CA 2A-29A-30A	B29 SCC only	No	4CC #7	CA 5B-30A-66A		5CC #1				
2CC #8	CA 2A-30A		3CC #7	3CC #8	CA 2A-5A-66A		No	4CC #8	CA 5A-5A-66B		No				
2CC #9	CA 2A-66A		3CC #6	3CC #9	CA 2A-13A-66A		No	4CC #9	CA 5A-5A-66C		No				
2CC #10	CA 2C		3CC #11	3CC #10	CA 2A-30A-66A		5CC #1	4CC #10	CA 5B-66A-66A		5CC #2				
2CC #11	CA 2A-2A		3CC #15	3CC #11	CA 2C-29A	B29 SCC only	No	4CC #11	CA 25A-41D		No				
2CC #12	CA 4A-5A		3CC #21	3CC #12	CA 2A-5B		4CC #5	4CC #12	CA 41A-41D		No				
2CC #13	CA 4A-12A		3CC #22	3CC #13	CA 2A-66B		No	4CC #13	CA 41C-41C		No				
2CC #14	CA 4A-13A		3CC #2	3CC #14	CA 2A-66C		No								
2CC #15	CA 4A-17A		No	3CC #15	CA 2A-2A-5A		No								
2CC #16	CA 4A-29A		3CC #23	3CC #16	CA 2A-2A-12A		4CC #4								
2CC #17	CA 4A-30A		3CC #21	3CC #17	CA 2A-2A-13A		No								
2CC #18	CA 4A-4A		3CC #24	3CC #18	CA 2A-2A-30A		4CC #4								
2CC #19	CA 5A-7A		No	3CC #19	CA 2A-2A-66A		No								
2CC #20	CA 5A-30A		4CC #1	3CC #20	CA 2A-66A-66A		No								
2CC #21	CA 5A-66A		No	3CC #21	CA 4A-5A-30A		4CC #1								
2CC #22	CA 5A-5A		4CC #8	3CC #22	CA 4A-12A-30A		4CC #2								
2CC #23	CA 5B		3CC #27	3CC #23	CA 4A-29A-30A	B29 SCC only	No								
2CC #24	CA 7A-7A		No	3CC #24	CA 4A-4A-5A		No								
2CC #25	CA 7B		No	3CC #25	CA 4A-4A-13A		No								
2CC #26	CA 7C		No	3CC #26	CA 5A-66A-66A		No								
2CC #27	CA 12A-30A		3CC #4	3CC #27	CA 5B-30A		4CC #5								
2CC #28	CA 13A-66A		3CC #9	3CC #28	CA 5B-66A		4CC #6								
2CC #29	CA 14A-30A		3CC #5	3CC #29	CA 5A-66B		4CC #8								
2CC #30	CA 14A-66A		3CC #6	3CC #30	CA 5A-66C		4CC #9								
2CC #31	CA 25A-26A		No	3CC #31	CA 13A-66A-66A		No								
2CC #32	CA 25A-41A		No	3CC #32	CA 14A-30A-66A		4CC #3								
2CC #32	CA 25A-25A		No	3CC #33	CA 41A-41C		No								
2CC #33	CA 26A-41A		No	3CC #34	CA 41D		4CC #11								
2CC #34	CA 29A-30A	B29 SCC only	3CC #7	3CC #35	CA 66A-66B		No								
2CC #35	CA 30A-66A		3CC #10	3CC #36	CA 66A-66C		No								
2CC #36	CA 41C		3CC #33	3CC #37	CA 66D		No								
2CC #37	CA 41A-41A		No												
2CC #38	CA 66A-66A		3CC #20												
2CC #39	CA 66B		3CC #29												
2CC #40	CA 66C		3CC #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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Note:

1）For the inter-band CA combinations, except B29 can't be PCC, all the listed bands above can be used as PCC or SCC.

2) The channel spacing and aggregated channel bandwidth for CA are identical to the associated specification in 3GPP TS 36.521-1 V14.3.0.

3) The reference test frequencies for CA refers to 3GPP TS 36.508 V14.2.0

4) Testing is not required in bands or modes not intended/allowed for US operation

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

1.4 Test Environment

Ambient Temperature: 22±2° C
Tissue Simulating Liquid: 22±2° C

1.5 Operation Description

For WWAN, the EUT is controlled by using a Radio Communication Tester, and the communication between the EUT and the tester is established by air link.
For WLAN, using chipset specific software to control the EUT, and makes it transmit in maximum power. The EUT is set to maximum power level during all tests, and at the beginning of each test the battery is fully charged.
There are two antenna vendors for this device, one is AWAN, and another is HONG-BO. Both of them were tested fully and respectively.

EUT was tested as below based on KDB inquiry.

WWAN / WLAN

Tablet mode

Back/top/bottom/right/left sides_0mm with reduced power

SAR measurement for laptop mode is not required since the distance between antennas and keyboard bottom is larger than 20cm.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Note:

1. During the SAR testing, the DASY 5 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.

2. The 3G SAR test reduction procedure is applied to HSDPA with 12.2 kbps RMC as the primary mode. Since the maximum output power in a secondary mode (HSDPA) is ≤ ¼ dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (HSDPA). The following 4 sub-tests were completed according to Release 5 procedures in section 5.2 of 3GPP TS 34.121. A summary of these setting are illustrated below:

Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	β_{HS} (1)(2)	CM (3) (dB)	MPR (3) (dB)
1	2/15	15/15	64	2/15	4/15	0.0	0.0
2	12/15 (4)	15/15 (4)	64	12/15 (4)	24/15	1.0	0.0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

Note 1: Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with β_{HS} = 30/15 * β_c.
Note 2: For the HS-DPCCH power mask requirement test in clause 5.2C, 5.7A, and the Error Vector Magnitude (EVM) with HS-DPCCH test in clause 5.13.1A, and HSDPA EVM with phase discontinuity in clause 5.13.1AA, Δ_{ACK} and Δ_{NACK} = 30/15 with β_{HS} = 30/15 * β_c, and Δ_{CQI} = 24/15 with β_{HS} = 24/15 * β_c.
Note 3: CM = 1 for β_c/β_d = 12/15, β_{HS}/β_c = 24/15. For all other combinations of DPDCH, DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases.
Note 4: For subtest 2 the β_c/β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to β_c = 11/15 and β_d = 15/15.

3. The 3G SAR test reduction procedure is applied to HSPA (HSUPA/HSDPA with RMC) with 12.2 kbps RMC as the primary mode. Since the maximum output power in a secondary mode (HSPA) is ≤ ¼ dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (HSPA). The following 5 sub-tests were completed according to Release 6 procedures in section 5.2 of 3GPP TS 34.121. A summary of these setting are illustrated 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Sub-test	β_c	β_d	β_d (SF)	β_c / β_d	β_{HS} (1)	β_{ec}	β_{ed} (4)(5)	β_{ed} (SF)	β_{ed} (Codes)	CM (2) (dB)	MPR (2)(6) (dB)	AG (5) Index	E-TFCI
1	11/15 (3)	15/15 (3)	64	11/15 (3)	22/15	209/225	1309/225	4	1	1.0	0.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	3.0	2.0	12	67
3	15/15	9/15	64	15/9	30/15	30/15	β_{ed}1: 47/15 β_{ed}2: 47/15	4 4	2	2.0	1.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	2.0	17	71
5	15/15	0	-	-	5/15	5/15	47/15	4	1	1.0	0.0	12	67

Note 1: For sub-test 1 to 4, Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with β_{HS} = 30/15 * β_c. For sub-test 5, Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 5/15 with β_{HS} = 5/15 * β_c.
Note 2: CM = 1 for β_c/β_d = 12/15, β_{HS}/β_c = 24/15. For all other combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference.
Note 3: For subtest 1 the β_c/β_d ratio of 11/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to β_c = 10/15 and β_d = 15/15.
Note 4: In case of testing by UE using E-DPDCH Physical Layer category 1, Sub-test 3 is omitted according to TS25.306 Table 5.1g.
Note 5: β_{ed} can not be set directly; it is set by Absolute Grant Value.
Note 6: For subtests 2, 3 and 4, UE may perform E-DPDCH power scaling at max power which could results in slightly smaller MPR values.

4. The 3G SAR test reduction procedure is applied to HSPA+ with 12.2 kbps RMC as the primary mode. Since the maximum output power in a secondary mode (HSPA+) is ≤ ¼ dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (HSPA+). The following 1 sub-test was completed according to Release 7 procedures in section 5.2 of 3GPP TS34.121. A summary of these settings are illustrated below:

Table C.11.1.4: **β values for transmitter characteristics tests with HS-DPCCH and E-DCH with 16QAM**

Sub-test	β_c *(Note3)*	β_d	β_{HS} *(Note1)*	β_{ec}	β_{ed} *(2xSF2)* *(Note 4)*	β_{ed} *(2xSF4)* *(Note 4)*	CM *(dB)* *(Note 2)*	MPR *(dB)* *(Note 2)*	*AG Index* *(Note 4)*	*E-TFCI* (Note 5)	*E-TFCI (boost)*
1	1	0	30/15	30/15	β_{ed}1: 30/15 β_{ed}2: 30/15	β_{ed}3: 24/15 β_{ed}4: 24/15	3.5	2.5	14	105	105

Note 1: Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with β_{hs} = 30/15 * β_c.
Note 2: CM = 3.5 and the MPR is based on the relative CM difference, MPR = MAX(CM-1,0).
Note 3: DPDCH is not configured, therefore the β_c is set to 1 and β_d = 0 by default.
Note 4: β_{ed} can not be set directly; it is set by Absolute Grant Value.
Note 5: All the sub-tests require the UE to transmit 2SF2+2SF4 16QAM EDCH and they apply for UE using E-DPDCH category 7. E-DCH TTI is set to 2ms TTI and E-DCH table index = 2. To support these E-DCH configurations DPDCH is not allocated. The UE is signalled to use the extrapolation algorithm.

5. The 3G SAR test reduction procedure is applied to DC-HSDPA with 12.2 kbps RMC as the primary mode. Power is measured for DC-HSDPA according to the H-Set 12, FRC configuration in Table C.8.1.12 of 3GPP TS 34.121-1 to determine SAR test reduction. A primary and a secondary serving HS-DSCH Cell are required to perform the power measurement and for the results to be acceptable. Since the maximum output power in a secondary mode (DC-HSDPA) is ≤ ¼ dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (DC-HSDPA). The following tests were

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

completed according to procedures in section 7.3.13 of 3GPP TS 34.108 v9.5.0. A summary of these setting are illustrated below:

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

Table C.8.1.12: Fixed Reference Channel H-Set 12

Parameter	Unit	Value
Nominal Avg. Inf. Bit Rate	kbps	60
Inter-TTI Distance	TTI's	1
Number of HARQ Processes	Processes	6
Information Bit Payload (N_{INF})	Bits	120
Number Code Blocks	Blocks	1
Binary Channel Bits Per TTI	Bits	960
Total Available SML's in UE	SML's	19200
Number of SML's per HARQ Proc.	SML's	3200
Coding Rate		0.15
Number of Physical Channel Codes	Codes	1
Modulation		QPSK
Note 1: The RMC is intended to be used for DC-HSDPA mode and both cells shall transmit with identical parameters as listed in the table. Note 2: Maximum number of transmission is limited to 1, i.e., retransmission is not allowed. The redundancy and constellation version 0 shall be used.		

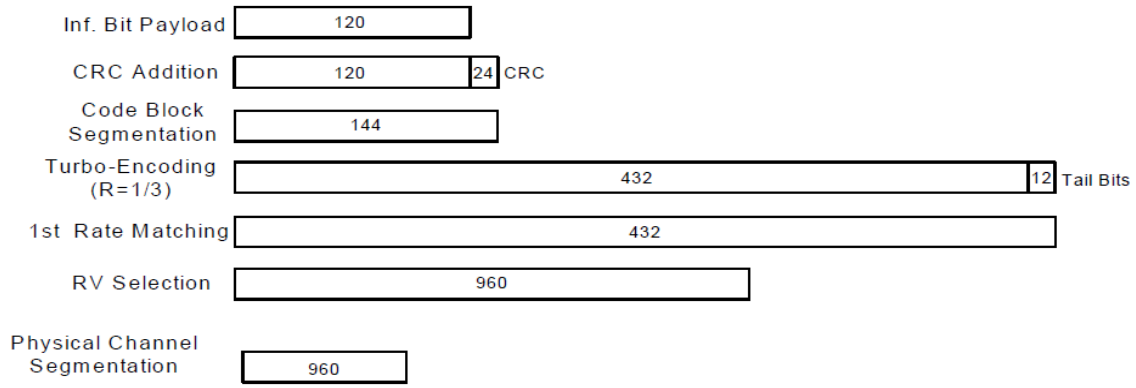


Figure C.8.19: Coding rate for Fixed reference Channel H-Set 12 (QPSK)

The following 4 sub-tests for HSDPA were completed according to Release 8 procedures in section 5.2 of 3GPP TS34.121. A summary of subtest settings are illustrated 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	β_{HS} (1)(2)	CM (3) (dB)	MPR (3) (dB)
1	2/15	15/15	64	2/15	4/15	0.0	0.0
2	12/15 (4)	15/15 (4)	64	12/15 (4)	24/15	1.0	0.0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

Note 1: Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with β_{HS} = 30/15 * β_c.
Note 2: For the HS-DPCCH power mask requirement test in clause 5.2C, 5.7A, and the Error Vector Magnitude (EVM) with HS-DPCCH test in clause 5.13.1A, and HSDPA EVM with phase discontinuity in clause 5.13.1AA, Δ_{ACK} and Δ_{NACK} = 30/15 with β_{HS} = 30/15 * β_c, and Δ_{CQI} = 24/15 with β_{HS} = 24/15 * β_c.
Note 3: CM = 1 for β_c/β_d = 12/15, β_{HS}/β_c = 24/15. For all other combinations of DPDCH, DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases.
Note 4: For subtest 2 the β_c/β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to β_c = 11/15 and β_d = 15/15.

6. 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 ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel.
- When the reported SAR of a required test channel is > 1.45 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 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

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

tested.

d. Per Section 5.2.4, Higher order modulations

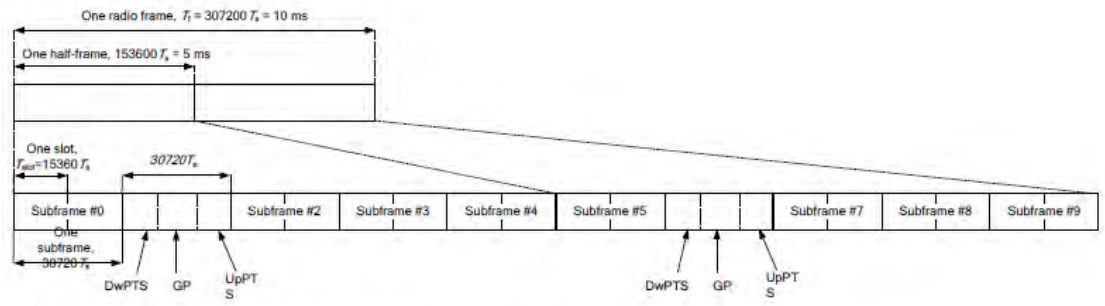
- For each modulation besides QPSK; e.g., 16-QAM, 64-QAM, apply the QPSK procedures in sections 5.2.1, 5.2.2 and 5.2.3 to determine the QAM configurations that may need SAR measurement. For each configuration identified as required for testing, SAR is required only when the highest maximum output power for the configuration in the higher order modulation is > ½ 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 > ½ 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 S subframes using extended cyclic prefix only and special subframe configuration 7. SAR tests were performed at maximum output power and worst-case transmission duty factor in extended cyclic prefix. Per 3GPP 36.211 Section 4, the duty factor for 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



3GPP TS 36.211 Figure 4.2-1: Frame Structure Type 2

Special Subframe Configuration	Normal Cyclic Prefix in Downlink			Extended Cyclic Prefix in Downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal Cyclic Prefix in Uplink	Extended Cyclic Prefix in Uplink		Normal Cyclic Prefix in Uplink	Extended Cyclic Prefix in Uplink
0	6592 • Ts	2192 • Ts	2560 • Ts	7680 • Ts	2192 • Ts	2560 • Ts
1	19760 • Ts			20480 • Ts		
2	21952 • Ts			23040 • Ts		
3	24144 • Ts			25600 • Ts		
4	26336 • Ts			7680 • Ts	4384 • Ts	5120 • Ts
5	6592 • Ts	4384 • Ts	5120 • Ts	20480 • Ts		
6	19760 • Ts			23040 • Ts		
7	21952 • Ts			12800 • Ts		
8	24144 • Ts			-	-	-
9	13168 • Ts			-	-	-

3GPP TS 36.211 Table 4.2-1: Configuration of Special Subframe

Uplink-Downlink Configuration	Downlink-to-Uplink Switch-Point Periodicity	Subframe Number									
		0	1	2	3	4	5	6	7	8	9
0	5 ms	D	S	U	U	U	D	S	U	U	U
1	5 ms	D	S	U	U	D	D	S	U	U	D
2	5 ms	D	S	U	D	D	D	S	U	D	D
3	10 ms	D	S	U	U	U	D	D	D	D	D
4	10 ms	D	S	U	U	D	D	D	D	D	D
5	10 ms	D	S	U	D	D	D	D	D	D	D
6	5 ms	D	S	U	U	U	D	S	U	U	D

3GPP TS 36.211 Table 4.2-2: Uplink-Downlink Configurations

The uplink duty cycle of these seven configurations can be computed as below.

UL-DL Configuration	0	1	2	3	4	5	6
Highest Duty-Cycle	63.33%	43.33%	23.33%	31.67%	21.67%	11.67%	53.33%

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 7 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%.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 CA (KDB942225 D05A)

7. The device supports a maximum of 5 carriers in the downlink. All uplink communications are identical to the Release 8 specifications. Uplink maximum output power is measured with downlink carrier aggregation active, 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 ¼ dB higher than the maximum output power measured when downlink carrier aggregation inactive.

8. 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*|BW1 – BW2|]/2 MHz, where BW1 and BW2 are the channel bandwidths of the CC in a 2-CC aggregation configuration.

9. 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.

10. When downlink carrier aggregation is active uplink maximum output power remains within the specified tune-up tolerance limits and not more than ¼ dB higher than the maximum output power measured when downlink carrier aggregation inactive, so SAR evaluation is not required for downlink carrier aggregation.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

11. According to KDB447498D01v06, SAR test exclusion evaluation for surfaces/edges of tablet mode is not required since SAR measurements for all the surfaces/edges were performed.
12. According to KDB447498D01v06, testing of other required channels is not required when the reported 1-g SAR for the highest output channel is ≤ 0.8 W/kg, when the transmission band is ≤ 100 MHz.
13. According to KDB865664D01v01r04, SAR measurement variability must be assessed for each frequency band. When the original highest measured SAR is ≥ 0.8 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 ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit)

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

1.6 The SAR Measurement System

A block diagram of the SAR measurement System is given in Fig. a. 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= σ ($|Ei|^2$)/ ρ where σ and ρ are the conductivity and mass density of the tissue-simulant.

The DASY 5 system for performing compliance tests consists of the following items:

1. A standard high precision 6-axis robot (Staubli RX family) with controller, teach pendant and software. An arm extension is for accommodating the data acquisition electronics (DAE).
2. A dosimetric probe, i.e., an isotropic E-field probe optimized and calibrated for usage intissue simulating liquid. The probe is equipped with an optical surface detector system.
3. A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.

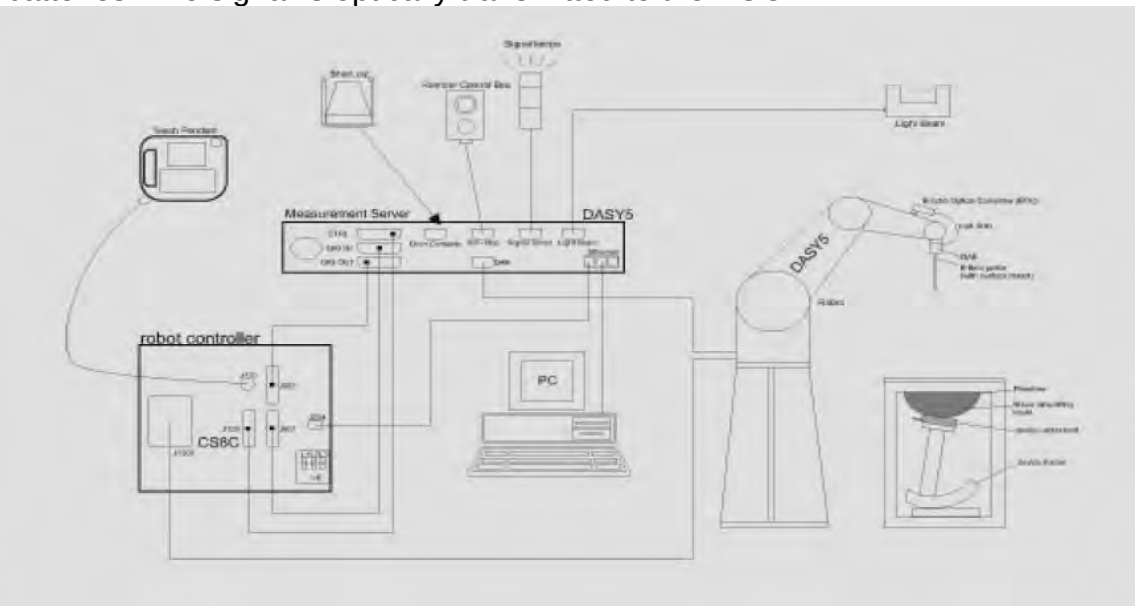


Fig. a The block diagram of SAR system

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

4. The Electro-optical converter (EOC) performs the conversion between optical and electrical of the signals for the digital communication to the DAE and for the analog signal from the optical surface detection. The EOC is connected to the measurement server.
5. The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
6. A probe alignment unit which improves the (absolute) accuracy of the probe positioning.
7. A computer operating Windows 7.
8. DASY 5 software.
9. Remote control with teach pendant and additional circuitry for robot safety such as warning lamps, etc.
10. Tissue simulating liquid mixed according to the given recipes.
11. Validation dipole kits allowing to validate the proper functioning of the system.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

1.7 System Components

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 750/835/1750/1900/2300/2450/2600/ 5200/5300/5600/5800MHz 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

PHANTOM

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

1.8 SAR System Verification

The microwave circuit arrangement for system verification is sketched in Fig. b. The daily system accuracy verification occurs within the flat section of the SAM phantom. A SAR measurement was performed to see if the measured SAR was within +/- 10% from the target SAR values. These tests were done at 750/835/1750/1900/2300/2450/ 2600/5200/5300/5600/5800MHz. The tests were conducted on the same days as the measurement of the DUT. The obtained results from the system accuracy verification are displayed in the table 1 (SAR values are normalized to 1W forward power delivered to the dipole). During the tests, the liquid depth above the ear reference points was ≥ 15 cm ± 5 mm (frequency ≤ 3 GHz) or ≥ 10 cm ± 5 mm (frequency > 3 G Hz) 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.

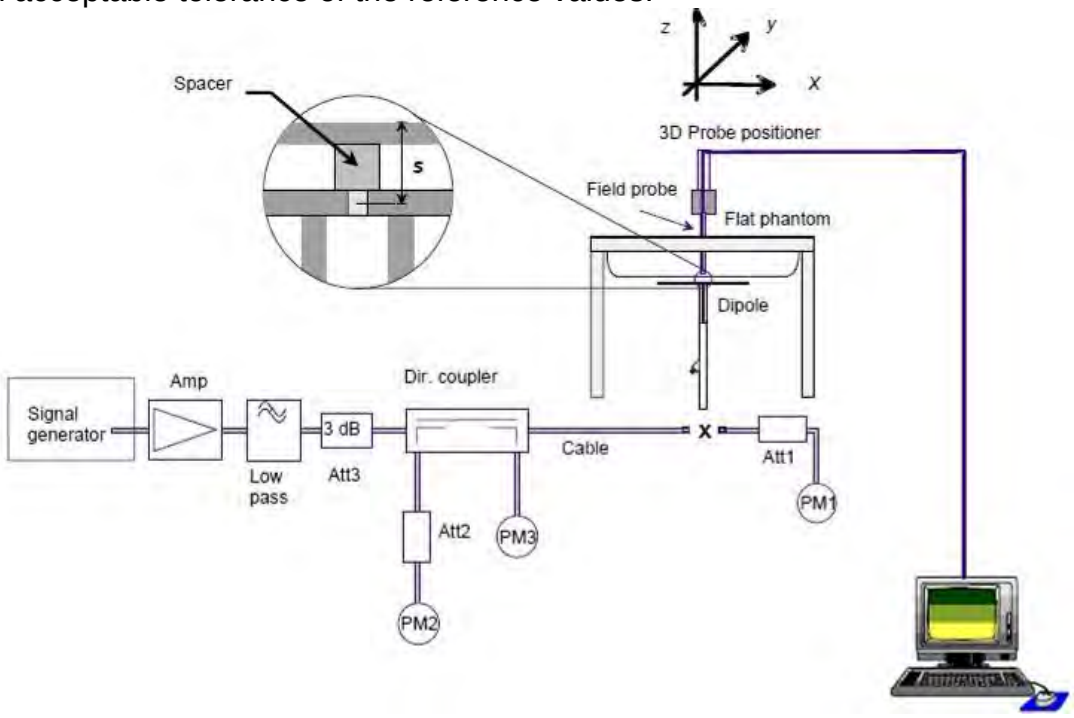


Fig. b The block diagram of system verification

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Validation Kit	S/N	Frequency (MHz)		1W Target SAR-1g (mW/g)	Measured SAR-1g (mW/g)	Measured SAR-1g normalized to 1W (mW/g)	Deviation (%)	Measured Date
D750V3	1015	750	Body	8.62	2.25	9.00	4.41%	Dec. 10, 2018
				8.62	2.09	8.36	-3.02%	Dec. 14, 2018
D835V2	4d063	835	Body	9.56	2.45	9.80	2.51%	Dec. 11, 2018
				9.56	2.43	9.72	1.67%	Dec. 17, 2018
D1750V2	1008	1750	Body	37	9.23	36.92	-0.22%	Dec. 12, 2018
				37	9.27	37.08	0.22%	Dec. 18, 2018
D1900V2	5d173	1900	Body	40.9	10.2	40.80	-0.24%	Dec. 12, 2018
				40.9	10.4	41.60	1.71%	Dec. 18, 2018
D2300V2	1023	2300	Body	47.7	12.7	50.80	6.50%	Dec. 13, 2018
				47.7	12.2	48.80	2.31%	Dec. 19, 2018
D2450V2	727	2450	Body	50.8	12.8	51.20	0.79%	Dec. 01, 2018
				50.8	13.4	53.60	5.51%	Dec. 07, 2018
D2600V2	1005	2600	Body	54.4	14.3	57.20	5.15%	Dec. 13, 2018
				54.4	13.7	54.80	0.74%	Dec. 19, 2018

Validation Kit	S/N	Frequency (MHz)		1W Target SAR-1g (mW/g)	Pin=100mW Measured SAR-1g (mW/g)	Measured SAR-1g normalized to 1W (mW/g)	Deviation (%)	Measured Date
D5GHzV2	1023	5200	Body	72.8	7.09	70.9	-2.61%	Dec. 03, 2018
				72.8	7.07	70.7	-2.88%	Dec. 07, 2018
		5300	Body	76.1	7.39	73.9	-2.89%	Dec. 04, 2018
				76.1	7.52	75.2	-1.18%	Dec. 08, 2018
		5600	Body	79.6	7.88	78.8	-1.01%	Dec. 05, 2018
				79.6	7.82	78.2	-1.76%	Dec. 09, 2018
		5800	Body	75.9	7.32	73.2	-3.56%	Dec. 06, 2018
				75.9	7.43	74.3	-2.11%	Dec. 10, 2018

Table 1. Results of system verification

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

1.9 Tissue Simulant Fluid for the Frequency Band

The dielectric properties for this Head-simulant fluid were measured by using the Agilent Model 85070E Dielectric Probe (rates frequency band 200 MHz to 20 GHz) in conjunction with Network Analyzer.
All dielectric parameters of tissue simulates were measured within 24 hours of SAR measurements. The measured conductivity and permittivity are all within ± 5% of the target values.
The depth of the tissue simulant in the flat section of the phantom was ≥ 15 cm ± 5 mm (Frequency ≤3G) or ≥ 10 cm ± 5 mm (Frequency >3G) during all tests. (Fig. 2)

Tissue Type	Measurement Date	Measured Frequency (MHz)	Target Dielectric Constant, εr	Target Conductivity, σ (S/m)	Measured Dielectric Constant, εr	Measured Conductivity, σ (S/m)	% dev εr	% dev σ
Body	Dec, 10. 2018	704.00	55.710	0.960	53.992	0.967	3.08%	-0.75%
		707.50	55.697	0.960	53.950	0.971	3.14%	-1.14%
		709.00	55.691	0.960	53.923	0.972	3.17%	-1.23%
		710.00	55.687	0.960	53.910	0.973	3.19%	-1.33%
		711.00	55.683	0.960	53.898	0.974	3.21%	-1.42%
		750.00	55.531	0.963	53.492	0.979	3.67%	-1.62%
		782.00	55.406	0.966	53.478	0.985	3.48%	-1.98%
		793.00	55.364	0.967	53.209	0.983	3.89%	-1.68%
	Dec, 11. 2018	821.50	55.242	0.953	57.444	0.982	-3.99%	-3.00%
		826.40	55.226	0.959	57.343	0.986	-3.83%	-2.77%
		829.00	55.218	0.963	57.321	0.989	-3.81%	-2.74%
		831.50	55.211	0.966	57.249	0.992	-3.69%	-2.72%
		835.00	55.200	0.970	57.237	0.996	-3.69%	-2.68%
		836.50	55.195	0.972	57.236	0.998	-3.70%	-2.69%
		836.60	55.195	0.972	57.230	0.996	-3.69%	-2.49%
		841.50	55.180	0.978	57.165	1.001	-3.60%	-2.35%
		844.00	55.172	0.981	57.160	1.005	-3.60%	-2.44%
		846.60	55.164	0.984	57.157	1.006	-3.61%	-2.21%
	Dec, 12. 2018	1712.40	53.531	1.465	51.506	1.426	3.78%	2.64%
		1720.00	53.511	1.469	51.468	1.439	3.82%	2.07%
		1732.40	53.478	1.477	51.465	1.447	3.76%	2.05%
		1732.50	53.478	1.477	51.465	1.447	3.76%	2.06%
		1745.00	53.445	1.485	51.433	1.459	3.76%	1.77%
		1750.00	53.432	1.488	51.392	1.468	3.82%	1.37%
		1752.60	53.425	1.490	51.386	1.471	3.82%	1.28%
		1770.00	53.379	1.501	51.370	1.492	3.76%	0.60%
		1852.40	53.162	1.553	51.069	1.578	3.94%	-1.60%
		1860.00	53.142	1.558	51.038	1.586	3.96%	-1.80%
		1880.00	53.089	1.571	50.905	1.609	4.11%	-2.45%
		1882.50	53.083	1.572	50.904	1.609	4.10%	-2.35%
		1900.00	53.037	1.583	50.897	1.630	4.03%	-2.97%
		1907.60	53.017	1.588	50.871	1.633	4.05%	-2.83%

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Tissue Type	Measurement Date	Measured Frequency (MHz)	Target Dielectric Constant, εr	Target Conductivity, σ (S/m)	Measured Dielectric Constant, εr	Measured Conductivity, σ (S/m)	% dev εr	% dev σ
Body	Dec, 13. 2018	2300.00	52.900	1.807	54.055	1.844	-2.18%	-2.07%
		2310.00	52.887	1.816	54.043	1.853	-2.19%	-2.02%
		2506.00	52.629	2.029	52.854	2.089	-0.43%	-2.94%
		2510.00	52.624	2.035	52.821	2.097	-0.38%	-3.04%
		2535.00	52.592	2.071	52.806	2.129	-0.41%	-2.82%
		2549.50	52.573	2.091	52.748	2.147	-0.33%	-2.67%
		2560.00	52.560	2.106	52.700	2.165	-0.27%	-2.80%
		2593.00	52.518	2.153	52.621	2.210	-0.20%	-2.66%
		2595.00	52.515	2.156	52.608	2.214	-0.18%	-2.71%
		2580.00	52.511	2.134	52.645	2.215	-0.26%	-3.78%
		2600.00	52.509	2.163	52.576	2.216	-0.13%	-2.46%
		2636.50	52.463	2.214	52.466	2.276	-0.01%	-2.78%
		2680.00	52.407	2.276	52.371	2.336	0.07%	-2.63%

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Tissue Type	Measurement Date	Measured Frequency (MHz)	Target Dielectric Constant, εr	Target Conductivity, σ (S/m)	Measured Dielectric Constant, εr	Measured Conductivity, σ (S/m)	% dev εr	% dev σ
Body	Dec, 14. 2018	704.00	55.710	0.960	57.837	0.924	-3.82%	3.71%
		707.50	55.697	0.960	57.831	0.926	-3.83%	3.55%
		709.00	55.691	0.960	57.813	0.926	-3.81%	3.56%
		710.00	55.687	0.960	57.809	0.930	-3.81%	3.15%
		711.00	55.683	0.960	57.679	0.930	-3.58%	3.16%
		750.00	55.531	0.963	57.483	0.969	-3.51%	-0.58%
		782.00	55.406	0.966	57.114	0.984	-3.08%	-1.88%
		793.00	55.364	0.967	57.044	0.993	-3.04%	-2.72%
	Dec, 17. 2018	821.50	55.242	0.953	57.441	0.982	-3.98%	-3.00%
		826.40	55.226	0.959	57.344	0.986	-3.83%	-2.77%
		829.00	55.218	0.963	57.351	0.989	-3.86%	-2.74%
		831.50	55.211	0.966	57.253	0.992	-3.70%	-2.72%
		835.00	55.200	0.970	57.261	0.996	-3.73%	-2.68%
		836.50	55.195	0.972	57.275	0.998	-3.77%	-2.69%
		836.60	55.195	0.972	57.275	0.998	-3.77%	-2.69%
		841.50	55.180	0.978	57.261	1.001	-3.77%	-2.35%
		844.00	55.172	0.981	57.255	1.006	-3.77%	-2.54%
		846.60	55.164	0.984	57.249	1.011	-3.78%	-2.71%
	Dec, 18. 2018	1712.40	53.531	1.465	52.091	1.432	2.69%	2.23%
		1720.00	53.511	1.469	52.060	1.449	2.71%	1.39%
		1732.40	53.478	1.477	52.013	1.456	2.74%	1.44%
		1732.50	53.478	1.477	52.044	1.456	2.68%	1.45%
		1745.00	53.445	1.485	52.004	1.469	2.70%	1.09%
		1750.00	53.432	1.488	51.974	1.474	2.73%	0.97%
		1752.60	53.425	1.490	51.990	1.478	2.69%	0.81%
		1770.00	53.379	1.501	51.921	1.491	2.73%	0.67%
		1852.40	53.162	1.553	51.620	1.588	2.90%	-2.25%
		1860.00	53.142	1.558	51.603	1.594	2.90%	-2.32%
		1880.00	53.089	1.571	51.541	1.616	2.92%	-2.90%
		1882.50	53.083	1.572	51.522	1.617	2.94%	-2.86%
		1900.00	53.037	1.583	51.461	1.642	2.97%	-3.73%
		1907.60	53.017	1.588	51.464	1.647	2.93%	-3.72%
	Dec, 19. 2018	2300.00	52.900	1.807	54.063	1.835	-2.20%	-1.57%
		2310.00	52.887	1.816	54.074	1.839	-2.25%	-1.25%
		2506.00	52.629	2.029	51.404	2.083	2.33%	-2.64%
		2510.00	52.624	2.035	51.423	2.091	2.28%	-2.75%
		2535.00	52.592	2.071	51.344	2.124	2.37%	-2.58%
		2549.50	52.573	2.091	51.314	2.145	2.40%	-2.58%
		2560.00	52.560	2.106	51.231	2.166	2.53%	-2.85%
		2580.00	52.535	2.134	51.198	2.194	2.54%	-2.79%
		2593.00	52.518	2.153	51.174	2.202	2.56%	-2.29%
		2595.00	52.515	2.156	51.123	2.209	2.65%	-2.48%
		2600.00	52.509	2.163	51.104	2.224	2.68%	-2.83%
		2636.50	52.463	2.214	50.981	2.265	2.82%	-2.28%
		2680.00	52.407	2.276	50.843	2.328	2.98%	-2.28%

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Tissue Type	Measurement Date	Measured Frequency (MHz)	Target Dielectric Constant, εr	Target Conductivity, σ (S/m)	Measured Dielectric Constant, εr	Measured Conductivity, σ (S/m)	% dev εr	% dev σ
Body	Dec, 04. 2018	2402.00	52.764	1.904	53.735	1.903	-1.84%	0.05%
		2412.00	52.751	1.914	53.706	1.920	-1.81%	-0.31%
		2417.00	52.744	1.918	53.677	1.928	-1.77%	-0.52%
		2437.00	52.717	1.938	53.609	1.951	-1.69%	-0.67%
		2441.00	52.712	1.941	53.591	1.952	-1.67%	-0.57%
		2450.00	52.700	1.950	53.577	1.974	-1.66%	-1.23%
		2457.00	52.691	1.960	53.551	1.981	-1.63%	-1.07%
		2462.00	52.685	1.967	53.546	1.985	-1.63%	-0.92%
		2480.00	52.662	1.993	53.479	2.006	-1.55%	-0.65%
	Dec, 04. 2018	5180.00	49.041	5.276	49.459	5.141	-0.85%	2.56%
		5190.00	49.028	5.288	49.419	5.153	-0.80%	2.55%
		5200.00	49.014	5.299	49.348	5.158	-0.68%	2.66%
		5220.00	48.987	5.323	49.299	5.176	-0.64%	2.76%
		5230.00	48.974	5.334	49.212	5.209	-0.49%	2.34%
		5240.00	48.960	5.346	49.208	5.218	-0.51%	2.39%
	Dec, 05. 2018	5260.00	48.933	5.369	49.122	5.260	-0.39%	2.03%
		5270.00	48.919	5.381	49.093	5.283	-0.36%	1.82%
		5280.00	48.906	5.393	49.071	5.293	-0.34%	1.85%
		5300.00	48.879	5.416	49.055	5.323	-0.36%	1.72%
		5310.00	48.865	5.428	48.968	5.335	-0.21%	1.71%
		5320.00	48.851	5.439	48.938	5.353	-0.18%	1.58%
	Dec, 05. 2018	5510.00	48.594	5.661	48.301	5.656	0.60%	0.09%
		5530.00	48.566	5.685	48.260	5.692	0.63%	-0.12%
		5550.00	48.539	5.708	48.160	5.720	0.78%	-0.21%
		5590.00	48.485	5.755	48.084	5.806	0.83%	-0.89%
		5600.00	48.471	5.766	48.082	5.808	0.80%	-0.73%
		5610.00	48.458	5.778	48.036	5.820	0.87%	-0.73%
		5670.00	48.376	5.848	47.860	5.925	1.07%	-1.32%
		5690.00	48.349	5.872	47.784	5.978	1.17%	-1.81%
	Dec, 05. 2018	5755.00	48.261	5.947	47.580	6.049	1.41%	-1.72%
		5775.00	48.234	5.971	47.507	6.095	1.51%	-2.08%
		5795.00	48.207	5.994	47.455	6.137	1.56%	-2.39%
		5800.00	48.200	6.000	47.441	6.143	1.57%	-2.38%

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Tissue Type	Measurement Date	Measured Frequency (MHz)	Target Dielectric Constant, εr	Target Conductivity, σ (S/m)	Measured Dielectric Constant, εr	Measured Conductivity, σ (S/m)	% dev εr	% dev σ
Body	Dec, 04. 2018	2402.00	52.764	1.904	53.793	1.916	-1.95%	-0.63%
		2412.00	52.751	1.914	53.779	1.928	-1.95%	-0.73%
		2417.00	52.744	1.918	53.779	1.941	-1.96%	-1.20%
		2437.00	52.717	1.938	53.738	1.964	-1.94%	-1.34%
		2441.00	52.712	1.941	53.692	1.969	-1.86%	-1.44%
		2450.00	52.700	1.950	53.722	1.986	-1.94%	-1.85%
		2457.00	52.691	1.960	53.681	1.988	-1.88%	-1.43%
		2462.00	52.685	1.967	53.639	1.993	-1.81%	-1.32%
		2480.00	52.662	1.993	53.588	2.018	-1.76%	-1.25%
	Dec, 04. 2018	5180.00	49.041	5.276	49.567	5.147	-1.07%	2.45%
		5190.00	49.028	5.288	49.533	5.156	-1.03%	2.50%
		5200.00	49.014	5.299	49.473	5.165	-0.94%	2.53%
		5220.00	48.987	5.323	49.449	5.196	-0.94%	2.39%
		5230.00	48.974	5.334	49.346	5.219	-0.76%	2.16%
		5240.00	48.960	5.346	49.339	5.225	-0.77%	2.26%
	Dec, 05. 2018	5260.00	48.933	5.369	49.222	5.276	-0.59%	1.73%
		5270.00	48.919	5.381	49.214	5.293	-0.60%	1.64%
		5280.00	48.906	5.393	49.193	5.302	-0.59%	1.69%
		5300.00	48.879	5.416	49.159	5.338	-0.57%	1.44%
		5310.00	48.865	5.428	49.119	5.341	-0.52%	1.60%
		5320.00	48.851	5.439	49.079	5.355	-0.47%	1.54%
	Dec, 05. 2018	5510.00	48.594	5.661	48.441	5.678	0.31%	-0.30%
		5530.00	48.566	5.685	48.401	5.701	0.34%	-0.28%
		5550.00	48.539	5.708	48.320	5.731	0.45%	-0.40%
		5590.00	48.485	5.755	48.208	5.817	0.57%	-1.08%
		5600.00	48.471	5.766	48.200	5.820	0.56%	-0.94%
		5610.00	48.458	5.778	48.173	5.830	0.59%	-0.90%
		5670.00	48.376	5.848	47.960	5.944	0.86%	-1.64%
		5690.00	48.349	5.872	47.872	5.984	0.99%	-1.91%
	Dec, 05. 2018	5755.00	48.261	5.947	47.713	6.049	1.14%	-1.72%
		5775.00	48.234	5.971	47.592	6.124	1.33%	-2.56%
		5795.00	48.207	5.994	47.589	6.150	1.28%	-2.60%
		5800.00	48.200	6.000	47.587	6.158	1.27%	-2.63%

Table 2. Dielectric Parameters of Tissue Simulant Fluid

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

The composition of the body tissue simulating liquid:

Frequency (MHz)	Mode	Ingredient						Total amount
		DGMBE	Water	Salt	Preventol D-7	Cellulose	Sugar	
750	Body	–	631.68 g	11.72 g	1.2 g	–	600 g	1.0L(Kg)
850	Body	–	631.68 g	11.72 g	1.2 g	–	600 g	1.0L(Kg)
1750	Body	300.67 g	716.56 g	4.0 g	–	–	–	1.0L(Kg)
1900	Body	300.67 g	716.56 g	4.0 g	–	–	–	1.0L(Kg)
2300	Body	301.7ml	698.3ml	–	–	–	–	1.0L(Kg)
2450	Body	301.7ml	698.3ml	–	–	–	–	1.0L(Kg)
2600	Body	301.7ml	698.3ml	–	–	–	–	1.0L(Kg)

Body Simulating Liquids for 5 GHz, Manufactured by SPEAG:

Ingredients	Water	Esters, Emulsifiers, Inhibitors	Sodium and Salt
(% by weight)	60-80	20-40	0-1.5

Table 3. Recipes for Tissue Simulating Liquid

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

1.10 Evaluation Procedures

The entire evaluation of the spatial peak values is performed within the Post-processing engine (SEMCAD). The system always gives the maximum values for the 1 g and 10 g cubes. The algorithm to find the cube with highest averaged SAR is divided into the following stages:

1. The extraction of the measured data (grid and values) from the Zoom Scan.
2. The calculation of the SAR value at every measurement point based on all stored data (A/D values and measurement parameters)
3. The generation of a high-resolution mesh within the measured volume
4. The interpolation of all measured values from the measurement grid to the high-resolution grid
5. The extrapolation of the entire 3-D field distribution to the phantom surface over the distance from sensor to surface
6. The calculation of the averaged SAR within masses of 1g and 10g.

The probe is calibrated at the center of the dipole sensors that is located 1 to 2.7mm away from the probe tip. During measurements, the probe stops shortly above the phantom surface, depending on the probe and the surface detecting system. Both distances are included as parameters in the probe configuration file. The software always knows exactly how far away the measured point is from the surface. As the probe cannot directly measure at the surface, the values between the deepest measured point and the surface must be extrapolated. The angle between the probe axis and the surface normal line is less than 30 degree.

In the Area Scan, the gradient of the interpolation function is evaluated to find all the extreme of the SAR distribution. The uncertainty on the locations of the extreme is less than 1/20 of the grid size. Only local maximum within –2 dB of the global maximum are searched and passed for the Cube Scan measurement. In the Cube Scan, the interpolation function is used to extrapolate the Peak SAR from the lowest measurement points to the inner phantom surface (the extrapolation distance). The uncertainty increases with the extrapolation distance. To keep the uncertainty within 1% for the 1 g and 10 g cubes, the extrapolation distance should not be larger than 5mm.

The maximum search is automatically performed after each area scan measurement. It is based on splines in two or three dimensions. The procedure can find the maximum for most SAR distributions even with relatively large grid spacing. After the area scanning measurement, the probe is automatically moved to a position at the interpolated maximum. The following scan can directly use this position for reference, e.g., for a finer resolution grid or the cube evaluations. The 1g and 10g peak evaluations are only available for the predefined cube 7x7x7 scans. The routines are verified and optimized for the grid dimensions used in

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

these cube measurements.
The measured volume of 30x30x30mm contains about 30g of tissue.
The first procedure is an extrapolation (incl. Boundary correction) to get the points between the lowest measured plane and the surface. The next step uses 3D interpolation to get all points within the measured volume. In the last step, a 1g cube is placed numerically into the volume and its averaged SAR is calculated. This cube is the moved around until the highest averaged SAR is found. If the highest SAR is found at the edge of the measured volume, the system will issue a warning: higher SAR values might be found outside of the measured volume. In that case the cube measurement can be repeated, using the new interpolated maximum as the center.

1.11 Probe Calibration Procedures

For the calibration of E-field probes in lossy liquids, an electric field with an accurately known field strength must be produced within the measured liquid. For standardization purposes it would be desirable if all measurements which are necessary to assess the correct field strength would be traceable to standardized measurement procedures. In the following two different calibration techniques are summarized:

1.11.1 Transfer Calibration with Temperature Probes

In lossy liquids the specific absorption rate (SAR) is related both to the electric field (E) and the temperature gradient ($\delta T / \delta t$) in the liquid.

$$SAR = \frac{\sigma}{\rho}|E|^2 = c\frac{\delta T}{\delta t}$$

whereby σ is the conductivity, ρ the density and c the heat capacity of the liquid.

Hence, the electric field in lossy liquid can be measured indirectly by measuring the temperature gradient in the liquid. Non-disturbing temperature probes (optical probes or thermistor probes with resistive lines) with high spatial resolution (<1-2 mm) and fast reaction time (<1 s) are available and can be easily calibrated with high precision [1]. The setup and the exciting source have no influence on the calibration; only the relative positioning uncertainties of the standard temperature probe and the E-field probe to be calibrated must be considered. However, several problems limit the available accuracy of probe calibrations with temperature probes:

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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. The temperature gradient is not directly measurable but must be evaluated from temperature measurements at different time steps. Special precaution is necessary to avoid measurement errors caused by temperature gradients due to energy equalizing effects or convection currents in the liquid. Such effects cannot be completely avoided, as the measured field itself destroys the thermal equilibrium in the liquid. With a careful setup these errors can be kept small.
2. The measured volume around the temperature probe is not well defined. It is difficult to calculate the energy transfer from a surrounding gradient temperature field into the probe. These effects must be considered, since temperature probes are calibrated in liquid with homogeneous temperatures. There is no traceable standard for temperature rise measurements.
3. The calibration depends on the assessment of the specific density, the heat capacity and the conductivity of the medium. While the specific density and heat capacity can be measured accurately with standardized procedures (~ 2% for c; much better for ρ) , there is no standard for the measurement of the conductivity. Depending on the method and liquid, the error can well exceed ±5%.
4. Temperature rise measurements are not very sensitive and therefore are often performed at a higher power level than the E-field measurements. The nonlinearities in the system (e.g., power measurements, different components, etc.) must be considered.

Considering these problems, the possible accuracy of the calibration of E-field probes with temperature gradient measurements in a carefully designed setup is about ±10% (RSS) [2]. Recently, a setup which is a combination of the waveguide techniques and the thermal measurements was presented in [3]. The estimated uncertainty of the setup is ±5% (RSS) when the same liquid is used for the calibration and for actual measurements and ±7-9% (RSS) when not, which is in good agreement with the estimates given in [2].

1.11.2 Calibration with Analytical Fields

In this method a technical setup is used in which the field can be calculated analytically from measurements of other physical magnitudes (e.g., input power). This corresponds to the standard field method for probe calibration in air; however, there is no standard defined for fields in lossy liquids.

When using calculated fields in lossy liquids for probe calibration, several points must be considered in the assessment of the uncertainty:

1. The setup must enable accurate determination of the incident power.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

2. The accuracy of the calculated field strength will depend on the assessment of the dielectric parameters of the liquid.
3. Due to the small wavelength in liquids with high permittivity, even small setups might be above the resonant cutoff frequencies. The field distribution in the setup must be carefully checked for conformity with the theoretical field distribution.

References

1. N. Kuster, Q. Balzano, and J.C. Lin, Eds., *Mobile Communications Safety*, Chapman & Hall, London, 1997.
2. K. Meier, M. Burkhardt, T. Schmid, and N. Kuster, \Broadband calibration of E-field probes in lossy media", *IEEE Transactions on Microwave Theory and Techniques*, vol. 44, no. 10, pp. 1954{1962, Oct. 1996.
3. K. Jokela, P. Hyysalo, and L. Puranen, \Calibration of specific absorption rate (SAR) probes in waveguide at 900 MHz", *IEEE Transactions on Instrumentation and Measurements*, vol. 47, no. 2, pp. 432{438, Apr. 1998.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

1.12 Test Standards and Limits

According to FCC 47CFR §2.1093(d) The limits to be used for evaluation are based generally on criteria published by the American National Standards Institute (ANSI) for localized specific absorption rate (‘‘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 C95.1, 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 Radio frequency Electromagnetic Fields,’’ NCRP Report No. 86, Section 17.4.5. Copyright NCRP, 1986, Bethesda, Maryland 20814. SAR is a measure of the rate of energy absorption due to exposure to an RF transmitting source. SAR values have been related to threshold levels for potential biological hazards. The criteria to be used are specified in paragraphs (d)(1) and (d)(2) of this section and shall apply for portable devices transmitting in the frequency range from 100 kHz to 6 GHz. Portable devices that transmit at frequencies above 6 GHz are to be evaluated in terms of the MPE limits specified in § 1.1310 of this chapter. Measurements and calculations to demonstrate compliance with MPE field strength or power density limits for devices operating above 6 GHz should be made at a minimum distance of 5 cm from the radiating source.

1. Limits for Occupational/Controlled exposure: 0.4 W/kg as averaged over the whole-body and spatial peak SAR not exceeding 8 W/kg as averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube). Exceptions are the hands, wrists, feet and ankles where the spatial peak SAR shall not exceed 20 W/kg, as averaged over an 10 grams of tissue (defined as a tissue volume in the shape of a cube).
2. Occupational/Controlled limits apply when persons are exposed as a consequence of their employment provided these persons are fully aware of and exercise control over their exposure. Awareness of exposure can be accomplished by use of warning labels or by specific training or education through appropriate means, such as an RF safety program in a work environment.
3. Limits for General Population/Uncontrolled exposure: 0.08 W/kg as averaged over the whole-body and spatial peak SAR not exceeding 1.6 W/kg as averaged over any 1 gram of tissue (defined as a tissue volume in the shape

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

of a cube). Exceptions are the hands, wrists, feet and ankles where the spatial peak SAR shall not exceed 4 W/kg, as averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube). General Population/Uncontrolled limits apply when the general public may be exposed, or when persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or do not exercise control over their exposure. Warning labels placed on consumer devices such as cellular telephones will not be sufficient reason to allow these devices to be evaluated subject to limits for occupational/controlled exposure in paragraph (d)(1) of this section. (Table 4.)

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

Table 4. RF exposure limits

Notes:

1. Uncontrolled environments are defined as locations where there is potential exposure of individuals who have no knowledge or control of their potential exposure.
2. Controlled environments are defined as locations where there is potential exposure of individuals who have knowledge of their potential exposure and can exercise control over their exposure.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

2. Summary of Results

AWAN

WCDMA Band II

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band II	Back side	0	9400	1880	19.00	18.95	1.16%	0.281	0.284	-
	Top side	0	9262	1852.4	19.00	18.91	2.09%	1.380	1.409	435
	Top side*	0	9262	1852.4	19.00	18.91	2.09%	1.340	1.368	-
	Top side**	0	9262	1852.4	19.00	18.91	2.09%	1.310	1.337	-
	Top side	0	9400	1880	19.00	18.95	1.16%	1.268	1.283	-
	Top side	0	9538	1907.6	19.00	18.86	3.28%	1.174	1.212	-
	Bottom side	0	9400	1880	19.00	18.95	1.16%	0.040	0.040	-
	Right side	0	9400	1880	19.00	18.95	1.16%	0.315	0.319	-
	Left side	0	9400	1880	19.00	18.95	1.16%	0.079	0.080	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

WCDMA Band IV

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band IV	Back side	0	1312	1712.4	20	19.98	0.46%	0.313	0.314	-
	Top side	0	1312	1712.4	20	19.98	0.46%	1.274	1.280	-
	Top side	0	1412	1732.4	20	19.96	0.93%	1.110	1.120	-
	Top side	0	1513	1752.6	20	19.93	1.62%	1.350	1.372	436
	Top side*	0	1513	1752.6	20	19.93	1.62%	1.280	1.301	-
	Top side**	0	1312	1712.4	20	19.93	1.62%	1.190	1.209	-
	Bottom side	0	1412	1732.4	20	19.98	0.46%	0.036	0.036	-
	Right side	0	1513	1752.6	20	19.98	0.46%	0.471	0.473	-
	Left side	0	1513	1752.6	20	19.98	0.46%	0.057	0.057	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

WCDMA Band V

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Back side	0	4183	836.6	20.5	20.48	0.46%	0.254	0.255	-
	Top side	0	4132	826.4	20.5	20.46	0.93%	1.400	1.413	437
	Top side*	0	4132	826.4	20.5	20.46	0.93%	1.330	1.342	-
	Top side**	0	4132	826.4	20.5	20.46	0.93%	1.250	1.262	-
	Top side	0	4183	836.6	20.5	20.48	0.46%	1.230	1.236	-
	Top side	0	4233	846.6	20.5	20.47	0.69%	1.080	1.087	-
	Bottom side	0	4183	836.6	20.5	20.48	0.46%	0.038	0.038	-
	Right side	0	4183	836.6	20.5	20.48	0.46%	0.357	0.359	-
	Left side	0	4183	836.6	20.5	20.48	0.46%	0.068	0.068	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

LTE FDD Band 2

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 2	20MHz	QPSK	1 RB	0	Back side	0	18900	1880	19	19.00	0.00%	0.109	0.109	-
					Top side	0	18900	1880	19	19.00	0.00%	1.360	1.360	438
					Top side*	0	18900	1880	19	19.00	0.00%	1.270	1.270	-
					Top side**	0	18900	1880	19	19.00	0.00%	1.220	1.220	-
					Top side	0	19100	1900	19	18.89	2.57%	1.210	1.241	-
					Bottom side	0	18900	1880	19	19.00	0.00%	0.027	0.027	-
					Right side	0	18900	1880	19	19.00	0.00%	0.211	0.211	-
					Left side	0	18900	1880	19	19.00	0.00%	0.058	0.058	-
				99	Top side	0	18700	1860	19	18.89	2.57%	1.079	1.107	-
			50 RB	0	Back side	0	18900	1880	19	18.92	1.86%	0.098	0.100	-
					Top side	0	18900	1880	19	18.92	1.86%	1.080	1.100	-
					Bottom side	0	18900	1880	19	18.92	1.86%	0.025	0.025	-
					Right side	0	18900	1880	19	18.92	1.86%	0.208	0.212	-
					Left side	0	18900	1880	19	18.92	1.86%	0.046	0.047	-
				25	Top side	0	19100	1900	19	18.80	4.71%	1.030	1.079	-
					Top side	0	18700	1860	19	18.72	6.66%	1.010	1.077	-
			100 RB		Back side	0	18900	1880	19	18.96	0.93%	0.099	0.100	-
					Top side	0	18700	1860	19	18.73	6.41%	0.963	1.025	-
					Top side	0	18900	1880	19	18.96	0.93%	1.012	1.021	-
					Top side	0	19100	1900	19	18.89	2.57%	0.987	1.012	-
					Bottom side	0	18900	1880	19	18.96	0.93%	0.025	0.025	-
					Right side	0	18900	1880	19	18.96	0.93%	0.197	0.199	-
					Left side	0	18900	1880	19	18.96	0.93%	0.045	0.046	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 FDD Band 4

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 4	20MHz	QPSK	1 RB	0	Back side	0	20300	1745	20	19.99	0.23%	0.127	0.127	-
					Top side	0	20300	1745	20	19.99	0.23%	1.330	1.333	439
					Top side*	0	20300	1745	20	19.99	0.23%	1.210	1.213	-
					Top side**	0	20300	1745	20	19.99	0.23%	1.260	1.263	-
					Bottom side	0	20300	1745	20	19.99	0.23%	0.031	0.031	-
					Right side	0	20300	1745	20	19.99	0.23%	0.258	0.259	-
					Left side	0	20300	1745	20	19.99	0.23%	0.064	0.064	-
				50	Top side	0	20050	1720	20	19.95	1.16%	1.180	1.194	-
				99	Top side	0	20175	1732.5	20	19.92	1.86%	1.170	1.192	-
			50 RB	0	Back side	0	20050	1720	20	19.85	3.51%	0.101	0.105	-
					Top side	0	20050	1720	20	19.85	3.51%	1.140	1.180	-
					Top side	0	20300	1745	20	19.82	4.23%	1.110	1.157	-
					Bottom side	0	20050	1720	20	19.85	3.51%	0.027	0.028	-
					Right side	0	20050	1720	20	19.85	3.51%	0.242	0.251	-
					Left side	0	20050	1720	20	19.85	3.51%	0.062	0.064	-
				50	Top side	0	20175	1732.5	20	19.77	5.44%	1.060	1.118	-
			100 RB		Back side	0	20050	1720	20	19.87	3.04%	0.099	0.102	-
					Top side	0	20050	1720	20	19.87	3.04%	1.096	1.129	-
					Top side	0	20175	1732.5	20	19.75	5.93%	0.991	1.050	-
					Top side	0	20030	1745	20	19.81	4.47%	0.996	1.041	-
					Bottom side	0	20050	1720	20	19.87	3.04%	0.026	0.027	-
					Right side	0	20050	1720	20	19.87	3.04%	0.239	0.246	-
					Left side	0	20050	1720	20	19.87	3.04%	0.062	0.064	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 FDD Band 5

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 5	10MHz	QPSK	1 RB	0	Back side	0	20525	836.5	21	20.99	0.23%	0.117	0.117	-
					Top side	0	20450	829	21	20.98	0.46%	1.430	1.437	440
					Top side*	0	20450	829	21	20.98	0.46%	1.360	1.366	-
					Top side**	0	20450	829	21	20.98	0.46%	1.340	1.346	-
					Top side	0	20525	836.5	21	20.99	0.23%	1.330	1.333	-
					Bottom side	0	20525	836.5	21	20.99	0.23%	0.022	0.022	-
					Right side	0	20525	836.5	21	20.99	0.23%	0.267	0.268	-
					Left side	0	20525	836.5	21	20.99	0.23%	0.054	0.054	-
				25	Top side	0	20525	836.5	21	20.86	3.28%	1.210	1.250	-
			25 RB	12	Top side	0	20525	836.5	21	20.82	4.23%	1.070	1.115	-
				25	Back side	0	20600	844	21	20.93	1.62%	0.097	0.099	-
					Top side	0	20450	829	21	20.82	4.23%	1.020	1.063	-
					Top side	0	20600	844	21	20.93	1.62%	1.150	1.169	-
					Bottom side	0	20600	844	21	20.93	1.62%	0.020	0.021	-
					Right side	0	20600	844	21	20.93	1.62%	0.253	0.257	-
					Left side	0	20600	844	21	20.93	1.62%	0.035	0.036	-
			50 RB		Back side	0	20600	844	21	20.85	3.51%	0.095	0.098	-
					Top side	0	20450	829	21	20.70	7.15%	0.993	1.064	-
					Top side	0	20525	836.5	21	20.81	4.47%	1.040	1.087	-
					Top side	0	20600	844	21	20.85	3.51%	1.060	1.097	-
					Bottom side	0	20600	844	21	20.85	3.51%	0.020	0.021	-
					Right side	0	20600	844	21	20.85	3.51%	0.238	0.246	-
					Left side	0	20600	844	21	20.85	3.51%	0.032	0.034	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

LTE FDD Band 7

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 7	20MHz	QPSK	1 RB	0	Back side	0	21100	2535	20.5	20.49	0.23%	0.103	0.103	-
					Top side	0	20850	2510	20.5	20.43	1.62%	1.370	1.392	441
					Top side*	0	20850	2510	20.5	20.43	1.62%	1.310	1.331	-
					Top side**	0	20850	2510	20.5	20.43	1.62%	1.330	1.352	-
					Top side	0	21100	2535	20.5	20.49	0.23%	1.210	1.213	-
					Bottom side	0	21100	2535	20.5	20.49	0.23%	0.019	0.019	-
					Right side	0	21100	2535	20.5	20.49	0.23%	0.231	0.232	-
					Left side	0	21100	2535	20.5	20.49	0.23%	0.031	0.031	-
				99	Top side	0	21350	2560	20.5	20.37	3.04%	1.170	1.206	-
			25 RB	0	Top side	0	21350	2560	20.5	20.32	4.23%	1.070	1.115	-
				25	Back side	0	21100	2535	20.5	20.33	3.99%	0.095	0.099	-
					Top side	0	20850	2510	20.5	19.93	14.02%	0.963	1.098	-
					Top side	0	21100	2535	20.5	20.33	3.99%	1.120	1.165	-
					Bottom side	0	21100	2535	20.5	20.33	3.99%	0.018	0.019	-
					Right side	0	21100	2535	20.5	20.33	3.99%	0.212	0.220	-
					Left side	0	21100	2535	20.5	20.33	3.99%	0.020	0.021	-
			50 RB		Back side	0	21350	2560	20.5	20.36	3.28%	0.094	0.097	-
					Top side	0	20850	2510	20.5	19.81	17.22%	1.120	1.313	-
					Top side	0	21100	2535	20.5	20.18	7.65%	1.110	1.195	-
					Top side	0	21350	2560	20.5	20.36	3.28%	1.200	1.239	-
					Bottom side	0	21350	2560	20.5	20.36	3.28%	0.017	0.018	-
					Right side	0	21350	2560	20.5	20.36	3.28%	0.208	0.215	-
					Left side	0	21350	2560	20.5	20.36	3.28%	0.019	0.019	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 FDD Band 12

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 12	10MHz	QPSK	1 RB	0	Back side	0	23130	711	21.5	21.50	0.00%	0.112	0.112	-
					Top side	0	23060	704	21.5	21.47	0.69%	1.140	1.148	-
					Top side	0	23095	707.5	21.5	21.42	1.86%	1.340	1.365	442
					Top side*	0	23095	707.5	21.5	21.42	1.86%	1.290	1.314	-
					Top side**	0	23095	707.5	21.5	21.42	1.86%	1.230	1.253	-
					Top side	0	23130	711	21.5	21.50	0.00%	1.220	1.220	-
					Bottom side	0	23130	711	21.5	21.50	0.00%	0.022	0.022	-
					Right side	0	23130	711	21.5	21.50	0.00%	0.239	0.239	-
					Left side	0	23130	711	21.5	21.50	0.00%	0.040	0.040	-
			25 RB	25	Back side	0	23130	711	21.5	21.43	1.62%	0.105	0.107	-
					Top side	0	23060	704	21.5	21.31	4.47%	0.991	1.035	-
					Top side	0	23095	707.5	21.5	21.24	6.17%	0.986	1.047	-
					Top side	0	23130	711	21.5	21.43	1.62%	1.060	1.077	-
					Bottom side	0	23130	711	21.5	21.43	1.62%	0.021	0.021	-
					Right side	0	23130	711	21.5	21.43	1.62%	0.213	0.216	-
					Left side	0	23130	711	21.5	21.43	1.62%	0.033	0.034	-
			50 RB		Back side	0	23130	711	21.5	21.46	0.93%	0.100	0.101	-
					Top side	0	23060	704	21.5	21.14	8.64%	1.020	1.108	-
					Top side	0	23095	707.5	21.5	21.23	6.41%	1.100	1.171	-
					Top side	0	23130	711	21.5	21.46	0.93%	1.010	1.019	-
					Bottom side	0	23130	711	21.5	21.46	0.93%	0.020	0.020	-
					Right side	0	23130	711	21.5	21.46	0.93%	0.206	0.208	-
					Left side	0	23130	711	21.5	21.46	0.93%	0.032	0.032	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

LTE FDD Band 13

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 13	10MHz	QPSK	1 RB	0	Top side	0	23230	782	21	20.62	9.14%	1.100	1.201	-
				25	Top side	0	23230	782	21	20.91	2.09%	1.290	1.317	443
				49	Back side	0	23230	782	21	20.98	0.46%	0.107	0.107	-
					Top side	0	23230	782	21	20.98	0.46%	1.210	1.216	-
					Top side*	0	23230	782	21	20.98	0.46%	1.250	1.256	-
					Top side**	0	23230	782	21	20.98	0.46%	1.270	1.276	-
					Bottom side	0	23230	782	21	20.98	0.46%	0.019	0.019	-
					Right side	0	23230	782	21	20.98	0.46%	0.216	0.217	-
					Left side	0	23230	782	21	20.98	0.46%	0.036	0.036	-
			25 RB	0	Top side	0	23230	782	21	20.31	17.22%	0.969	1.136	-
				12	Top side	0	23230	782	21	20.54	11.17%	0.975	1.084	-
				25	Back side	0	23230	782	21	20.67	7.89%	0.097	0.104	-
					Top side	0	23230	782	21	20.67	7.89%	0.984	1.062	-
					Bottom side	0	23230	782	21	20.67	7.89%	0.019	0.020	-
					Right side	0	23230	782	21	20.67	7.89%	0.205	0.221	-
					Left side	0	23230	782	21	20.67	7.89%	0.032	0.034	-
			50 RB		Back side	0	23230	782	21	20.37	15.61%	0.096	0.111	-
					Top side	0	23230	782	21	20.37	15.61%	0.973	1.125	-
					Bottom side	0	23230	782	21	20.37	15.61%	0.018	0.021	-
					Right side	0	23230	782	21	20.37	15.61%	0.201	0.232	-
					Left side	0	23230	782	21	20.37	15.61%	0.027	0.032	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 FDD Band 14

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 14	10MHz	QPSK	1 RB	0	Top side	0	23330	793	21	20.62	9.14%	1.170	1.277	-
				25	Top side	0	23330	793	21	20.91	2.09%	1.220	1.246	-
				49	Back side	0	23330	793	21	20.99	0.23%	0.124	0.124	-
					Top side	0	23330	793	21	20.99	0.23%	1.310	1.313	444
					Top side*	0	23330	793	21	20.99	0.23%	1.250	1.253	-
					Top side**	0	23330	793	21	20.99	0.23%	1.230	1.233	-
					Bottom side	0	23330	793	21	20.99	0.23%	0.024	0.024	-
					Right side	0	23330	793	21	20.99	0.23%	0.286	0.287	-
					Left side	0	23330	793	21	20.99	0.23%	0.048	0.048	-
			25 RB	0	Top side	0	23330	793	21	20.45	13.50%	0.936	1.062	-
				12	Top side	0	23330	793	21	20.56	10.66%	0.964	1.067	-
				25	Back side	0	23330	793	21	20.75	5.93%	0.112	0.119	-
					Top side	0	23330	793	21	20.75	5.93%	1.010	1.070	-
					Bottom side	0	23330	793	21	20.75	5.93%	0.023	0.024	-
					Right side	0	23330	793	21	20.75	5.93%	0.276	0.292	-
					Left side	0	23330	793	21	20.75	5.93%	0.047	0.050	-
			50 RB		Back side	0	23330	793	21	20.81	4.47%	0.103	0.108	-
					Top side	0	23330	793	21	20.81	4.47%	0.964	1.007	-
					Bottom side	0	23330	793	21	20.81	4.47%	0.022	0.023	-
					Right side	0	23330	793	21	20.81	4.47%	0.273	0.285	-
					Left side	0	23330	793	21	20.81	4.47%	0.045	0.047	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 FDD Band 17

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 17	10MHz	QPSK	1 RB	0	Back side	0	23800	711	21.5	21.49	0.23%	0.119	0.119	-
					Top side	0	23780	709	21.5	21.46	0.93%	1.260	1.272	-
					Top side	0	23790	710	21.5	21.47	0.69%	1.290	1.299	-
					Top side	0	23800	711	21.5	21.49	0.23%	1.350	1.353	445
					Top side*	0	23800	711	21.5	21.49	0.23%	1.280	1.283	-
					Top side**	0	23800	711	21.5	21.49	0.23%	1.240	1.243	-
					Bottom side	0	23800	711	21.5	21.49	0.23%	0.035	0.035	-
					Right side	0	23800	711	21.5	21.49	0.23%	0.268	0.269	-
					Left side	0	23800	711	21.5	21.49	0.23%	0.042	0.042	-
			25 RB	25	Back side	0	23800	711	21.5	20.44	27.64%	0.103	0.131	-
					Top side	0	23780	709	21.5	20.42	28.23%	0.934	1.198	-
					Top side	0	23790	710	21.5	20.43	27.94%	0.974	1.246	-
					Top side	0	23800	711	21.5	20.44	27.64%	1.030	1.315	-
					Bottom side	0	23800	711	21.5	20.44	27.64%	0.031	0.040	-
					Right side	0	23800	711	21.5	20.44	27.64%	0.241	0.308	-
					Left side	0	23800	711	21.5	20.44	27.64%	0.041	0.052	-
			50 RB		Back side	0	23800	711	21.5	20.39	29.12%	0.099	0.128	-
					Top side	0	23780	709	21.5	20.31	31.52%	0.989	1.301	-
					Top side	0	23790	710	21.5	20.36	30.02%	0.994	1.292	
					Top side	0	23800	711	21.5	20.39	29.12%	0.988	1.276	
					Bottom side	0	23800	711	21.5	20.39	29.12%	0.030	0.039	-
					Right side	0	23800	711	21.5	20.39	29.12%	0.235	0.303	-
					Left side	0	23800	711	21.5	20.39	29.12%	0.040	0.051	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 FDD Band 25

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 25	20MHz	QPSK	1 RB	50	Back side	0	26365	1882.5	19	18.74	6.17%	0.102	0.108	-
					Top side	0	26140	1860	19	18.55	10.92%	1.030	1.142	-
					Top side	0	26365	1882.5	19	18.74	6.17%	1.300	1.380	446
					Top side*	0	26365	1882.5	19	18.74	6.17%	1.210	1.285	-
					Top side**	0	26365	1882.5	19	18.74	6.17%	1.220	1.295	-
					Top side	0	26590	1905	19	18.53	11.43%	0.996	1.110	-
					Bottom side	0	26365	1882.5	19	18.74	6.17%	0.023	0.025	-
					Right side	0	26365	1882.5	19	18.74	6.17%	0.201	0.213	-
					Left side	0	26365	1882.5	19	18.74	6.17%	0.052	0.056	-
			50 RB	0	Top side	0	26140	1860	19	18.23	19.40%	1.120	1.337	-
				25	Back side	0	26365	1882.5	19	18.25	18.85%	0.096	0.114	-
					Top side	0	26590	1905	19	18.25	18.85%	1.020	1.212	-
					Top side	0	26365	1882.5	19	18.10	23.03%	1.010	1.243	-
					Bottom side	0	26365	1882.5	19	18.25	18.85%	0.023	0.027	-
					Right side	0	26365	1882.5	19	18.25	18.85%	0.192	0.228	-
					Left side	0	26365	1882.5	19	18.25	18.85%	0.052	0.061	-
			100 RB		Back side	0	26365	1882.5	19	18.21	19.95%	0.095	0.114	-
					Top side	0	26140	1860	19	18.13	22.18%	0.943	1.152	-
					Top side	0	26365	1882.5	19	18.21	19.95%	0.977	1.172	-
					Top side	0	26590	1905	19	18.11	22.74%	0.963	1.182	-
					Bottom side	0	26365	1882.5	19	18.21	19.95%	0.022	0.026	-
					Right side	0	26365	1882.5	19	18.21	19.95%	0.187	0.224	-
					Left side	0	26365	1882.5	19	18.21	19.95%	0.050	0.060	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 FDD Band 26

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 26	15MHz	QPSK	1 RB	0	Back side	0	26965	841.5	21	21.00	0.00%	0.248	0.248	-
					Top side	0	26865	831.5	21	20.92	1.86%	1.170	1.192	-
					Top side	0	26965	841.5	21	21.00	0.00%	1.320	1.320	447
					Top side*	0	26965	841.5	21	21.00	0.00%	1.230	1.230	-
					Top side**	0	26965	841.5	21	21.00	0.00%	1.220	1.220	-
					Bottom side	0	26965	841.5	21	21.00	0.00%	1.190	1.190	-
					Right side	0	26965	841.5	21	21.00	0.00%	0.036	0.036	-
					Left side	0	26965	841.5	21	21.00	0.00%	0.347	0.347	-
				36	Top side	0	26765	821.5	21	20.87	3.04%	0.064	0.066	-
			36 RB	0	Back side	0	26825	822.5	21	20.46	13.24%	0.245	0.277	-
					Top side	0	26865	831.5	21	20.46	13.24%	1.030	1.166	-
					Bottom side	0	26825	822.5	21	20.46	13.24%	0.024	0.027	-
					Right side	0	26865	831.5	21	20.46	13.24%	0.321	0.364	-
					Left side	0	26965	841.5	21	20.46	13.24%	0.063	0.071	-
				18	Top side	0	26965	841.5	21	20.39	15.08%	0.984	1.132	-
				37	Top side	0	26965	841.5	21	20.38	15.35%	0.986	1.137	-
			75 RB		Back side	0	26965	841.5	21	20.45	13.50%	0.231	0.262	-
					Top side	0	26825	822.5	21	20.45	13.50%	0.993	1.127	-
					Bottom side	0	26865	831.5	21	20.45	13.50%	0.023	0.026	-
					Right side	0	26965	841.5	21	20.45	13.50%	0.316	0.359	-
					Left side	0	26965	841.5	21	20.45	13.50%	0.062	0.070	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

LTE FDD Band 30

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 30	10MHz	QPSK	1 RB	0	Back side	0	27710	2310	20	19.98	0.46%	0.119	0.120	-
					Top side	0	27710	2310	20	19.98	0.46%	1.370	1.376	448
					Top side*	0	27710	2310	20	19.98	0.46%	1.310	1.316	-
					Top side**	0	27710	2310	20	19.98	0.46%	1.330	1.336	-
					Bottom side	0	27710	2310	20	19.98	0.46%	0.018	0.018	-
					Right side	0	27710	2310	20	19.98	0.46%	0.224	0.225	-
					Left side	0	27710	2310	20	19.98	0.46%	0.028	0.028	-
				25	Top side	0	27710	2310	20	19.84	3.75%	1.210	1.255	-
				49	Top side	0	27710	2310	20	19.87	3.04%	1.240	1.278	-
			25 RB	0	Back side	0	27710	2310	19	18.75	5.93%	0.095	0.101	-
					Top side	0	27710	2310	19	18.75	5.93%	0.963	1.020	-
					Bottom side	0	27710	2310	19	18.75	5.93%	0.014	0.015	-
					Right side	0	27710	2310	19	18.75	5.93%	0.207	0.219	-
					Left side	0	27710	2310	19	18.75	5.93%	0.024	0.025	-
				12	Top side	0	27710	2310	19	18.73	6.41%	0.961	1.023	-
				25	Top side	0	27710	2310	19	18.65	8.39%	0.952	1.032	-
			50 RB		Back side	0	27710	2310	19	18.83	3.99%	0.097	0.101	-
					Top side	0	27710	2310	19	18.83	3.99%	0.974	1.013	-
					Bottom side	0	27710	2310	19	18.83	3.99%	0.015	0.016	-
					Right side	0	27710	2310	19	18.83	3.99%	0.201	0.209	-
					Left side	0	27710	2310	19	18.83	3.99%	0.025	0.026	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 TDD Band 38

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 38	20MHz	QPSK	1 RB	0	Top side	0	37850	2580	24	23.77	5.44%	1.150	1.213	449
					Top side*	0	37850	2580	24	23.77	5.44%	1.110	1.170	-
					Top side**	0	37850	2580	24	23.77	5.44%	1.120	1.181	-
				50	Top side	0	38150	2610	24	23.83	3.99%	1.040	1.082	-
				99	Back side	0	38000	2595	24	23.93	1.62%	0.159	0.162	-
					Top side	0	38000	2595	24	23.93	1.62%	1.060	1.077	-
					Bottom side	0	38000	2595	24	23.93	1.62%	0.024	0.025	-
					Right side	0	38000	2595	24	23.93	1.62%	0.284	0.289	-
					Left side	0	38000	2595	24	23.93	1.62%	0.485	0.493	-
			50 RB	0	Top side	0	37850	2580	23	22.66	8.14%	0.864	0.934	-
				50	Back side	0	38150	2610	23	22.86	3.28%	0.131	0.135	-
					Top side	0	38000	2595	23	22.63	8.89%	0.822	0.895	-
					Top side	0	38150	2610	23	22.86	3.28%	0.777	0.802	-
					Bottom side	0	38150	2610	23	22.86	3.28%	0.023	0.024	-
					Right side	0	38150	2610	23	22.86	3.28%	0.275	0.284	-
					Left side	0	38150	2610	23	22.86	3.28%	0.047	0.048	-
			100 RB		Back side	0	38150	2610	23	22.76	5.68%	0.126	0.133	-
					Top side	0	37850	2580	23	22.67	7.89%	0.821	0.886	-
					Top side	0	38150	2610	23	22.66	8.14%	0.811	0.877	-
					Top side	0	38150	2610	23	22.76	5.68%	0.823	0.870	-
					Bottom side	0	38150	2610	23	22.76	5.68%	0.021	0.023	-
					Right side	0	38150	2610	23	22.76	5.68%	0.264	0.279	-
					Left side	0	38150	2610	23	22.76	5.68%	0.046	0.049	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 TDD Band 41

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 41	20MHz	QPSK	1 RB	0	Back side	0	40185	2549.5	22.5	22.50	0.00%	0.231	0.231	-
					Top side	0	40185	2549.5	22.5	22.50	0.00%	1.340	1.340	450
					Top side*	0	40185	2549.5	22.5	22.50	0.00%	1.280	1.280	-
					Top side**	0	40185	2549.5	22.5	22.50	0.00%	1.210	1.210	-
					Bottom side	0	40185	2549.5	22.5	22.50	0.00%	0.048	0.048	-
					Right side	0	40185	2549.5	22.5	22.50	0.00%	0.418	0.418	-
					Left side	0	40185	2549.5	22.5	22.50	0.00%	0.068	0.068	-
				50	Top side	0	40620	2593	22.5	21.87	15.61%	1.120	1.295	-
					Top side	0	41490	2680	22.5	22.13	8.89%	1.020	1.111	-
				99	Top side	0	39750	2506	22.5	22.34	3.75%	1.230	1.276	-
					Top side	0	41055	2636.5	22.5	22.33	3.99%	1.130	1.175	-
			50 RB	0	Top side	0	40620	2593	22.5	21.48	26.47%	0.965	1.220	-
					Top side	0	41490	2680	22.5	21.43	27.94%	0.931	1.191	-
				25	Back side	0	40185	2549.5	22.5	21.52	25.31%	0.203	0.254	-
					Top side	0	39750	2506	22.5	21.52	25.31%	0.976	1.223	-
					Top side	0	40185	2549.5	22.5	21.52	25.31%	1.060	1.328	-
					Bottom side	0	40185	2549.5	22.5	21.52	25.31%	0.038	0.047	-
					Right side	0	40185	2549.5	22.5	21.52	25.31%	0.342	0.429	-
					Left side	0	40185	2549.5	22.5	21.52	25.31%	0.057	0.071	-
				50	Top side	0	40185	2549.5	22.5	21.41	28.53%	0.943	1.212	-
			100 RB		Back side	0	40185	2549.5	22.5	21.53	25.03%	0.205	0.256	-
					Top side	0	39750	2506	22.5	21.38	29.42%	0.983	1.272	-
					Top side	0	40185	2549.5	22.5	21.53	25.03%	1.040	1.300	-
					Top side	0	40620	2593	22.5	21.35	30.32%	0.946	1.233	-
					Top side	0	41055	2636.5	22.5	21.36	30.02%	0.942	1.225	-
					Top side	0	41490	2680	22.5	21.33	30.92%	0.897	1.174	
					Bottom side	0	40185	2549.5	22.5	21.53	25.03%	0.040	0.050	-
					Right side	0	40185	2549.5	22.5	21.53	25.03%	0.348	0.435	-
					Left side	0	40185	2549.5	22.5	21.53	25.03%	0.057	0.071	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 FDD Band 66

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 66	20MHz	QPSK	1 RB	0	Back side	0	132572	1770	19.5	19.44	1.39%	0.116	0.118	-
					Top side	0	132572	1770	19.5	19.44	1.39%	1.210	1.227	-
					Top side*	0	132572	1770	19.5	19.44	1.39%	1.130	1.146	-
					Top side**	0	132572	1770	19.5	19.44	1.39%	1.350	1.369	451
					Bottom side	0	132572	1770	19.5	19.44	1.39%	0.029	0.029	-
					Right side	0	132572	1770	19.5	19.44	1.39%	0.246	0.249	-
					Left side	0	132572	1770	19.5	19.44	1.39%	0.058	0.059	-
				50	Top side	0	132072	1720	19.5	19.34	3.75%	1.280	1.328	-
				99	Top side	0	132322	1745	19.5	19.23	6.41%	1.170	1.245	-
			50 RB	0	Top side	0	132322	1745	19.5	18.74	19.12%	0.973	1.159	-
				25	Top side	0	132072	1720	19.5	18.79	17.76%	0.976	1.149	-
				50	Back side	0	132572	1770	19.5	18.99	12.46%	0.099	0.111	-
					Top side	0	132572	1770	19.5	18.99	12.46%	1.060	1.192	-
					Bottom side	0	132572	1770	19.5	18.99	12.46%	0.027	0.030	-
					Right side	0	132572	1770	19.5	18.99	12.46%	0.233	0.262	-
					Left side	0	132572	1770	19.5	18.99	12.46%	0.057	0.064	-
			100 RB		Back side	0	132572	1770	19.5	19.00	12.20%	0.098	0.110	-
					Top side	0	132072	1720	19.5	18.80	17.49%	0.996	1.170	-
					Top side	0	132322	1745	19.5	18.70	20.23%	0.993	1.194	-
					Top side	0	132572	1770	19.5	19.00	12.20%	1.040	1.167	-
					Bottom side	0	132572	1770	19.5	19.00	12.20%	0.027	0.030	-
					Right side	0	132572	1770	19.5	19.00	12.20%	0.229	0.257	-
					Left side	0	132572	1770	19.5	19.00	12.20%	0.055	0.061	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

HONG-BO

WCDMA Band II

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band II	Back side	0	9400	1880	19.00	18.95	1.16%	0.287	0.290	-
	Top side	0	9262	1852.4	19.00	18.91	2.09%	1.270	1.297	452
	Top side*	0	9262	1852.4	19.00	18.91	2.09%	1.230	1.256	-
	Top side**	0	9262	1852.4	19.00	18.91	2.09%	1.170	1.194	-
	Top side	0	9400	1880	19.00	18.95	1.16%	1.130	1.143	-
	Top side	0	9538	1907.6	19.00	18.86	3.28%	1.180	1.219	-
	Bottom side	0	9400	1880	19.00	18.95	1.16%	0.035	0.035	-
	Right side	0	9400	1880	19.00	18.95	1.16%	0.486	0.492	-
	Left side	0	9400	1880	19.00	18.95	1.16%	0.054	0.055	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

WCDMA Band IV

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band IV	Back side	0	1312	1712.4	20	19.98	0.46%	0.293	0.294	-
	Top side	0	1312	1712.4	20	19.98	0.46%	1.290	1.296	-
	Top side	0	1412	1732.4	20	19.96	0.93%	1.190	1.201	-
	Top side	0	1513	1752.6	20	19.93	1.62%	1.370	1.392	453
	Top side*	0	1513	1752.6	20	19.93	1.62%	1.260	1.280	-
	Top side**	0	1312	1712.4	20	19.93	1.62%	1.240	1.260	-
	Bottom side	0	1412	1732.4	20	19.98	0.46%	0.041	0.041	-
	Right side	0	1513	1752.6	20	19.98	0.46%	0.473	0.475	-
	Left side	0	1513	1752.6	20	19.98	0.46%	0.052	0.052	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

WCDMA Band V

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Back side	0	4183	836.6	20.5	20.48	0.46%	0.275	0.276	-
	Top side	0	4132	826.4	20.5	20.46	0.93%	1.300	1.312	454
	Top side*	0	4132	826.4	20.5	20.46	0.93%	1.150	1.161	-
	Top side**	0	4132	826.4	20.5	20.46	0.93%	1.120	1.130	-
	Top side	0	4183	836.6	20.5	20.48	0.46%	1.180	1.185	-
	Top side	0	4233	846.6	20.5	20.47	0.69%	1.130	1.138	-
	Bottom side	0	4183	836.6	20.5	20.48	0.46%	0.039	0.039	-
	Right side	0	4183	836.6	20.5	20.48	0.46%	0.477	0.479	-
	Left side	0	4183	836.6	20.5	20.48	0.46%	0.050	0.050	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

LTE FDD Band 2

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 2	20MHz	QPSK	1 RB	0	Back side	0	18900	1880	19	19.00	0.00%	0.241	0.241	-
					Top side	0	18900	1880	19	19.00	0.00%	1.250	1.250	455
					Top side*	0	18900	1880	19	19.00	0.00%	1.120	1.120	-
					Top side**	0	18900	1880	19	19.00	0.00%	1.090	1.090	-
					Top side	0	19100	1900	19	18.89	2.57%	0.029	0.030	-
					Bottom side	0	18900	1880	19	19.00	0.00%	0.436	0.436	-
					Right side	0	18900	1880	19	19.00	0.00%	0.047	0.047	-
					Left side	0	18900	1880	19	19.00	0.00%	1.120	1.120	-
				99	Top side	0	18700	1860	19	18.89	2.57%	1.140	1.169	-
			50 RB	0	Back side	0	18900	1880	19	18.92	1.86%	0.219	0.223	-
					Top side	0	18900	1880	19	18.92	1.86%	0.979	0.997	-
					Bottom side	0	18900	1880	19	18.92	1.86%	0.011	0.011	-
					Right side	0	18900	1880	19	18.92	1.86%	0.397	0.404	-
					Left side	0	18900	1880	19	18.92	1.86%	0.043	0.044	-
				25	Top side	0	19100	1900	19	18.80	4.71%	0.964	1.009	-
					Top side	0	18700	1860	19	18.72	6.66%	0.942	1.005	-
			100 RB		Back side	0	18900	1880	19	18.96	0.93%	0.221	0.223	-
					Top side	0	18700	1860	19	18.73	6.41%	0.933	0.993	-
					Top side	0	18900	1880	19	18.96	0.93%	0.981	0.990	-
					Top side	0	19100	1900	19	18.89	2.57%	0.969	0.994	-
					Bottom side	0	18900	1880	19	18.96	0.93%	0.011	0.011	-
					Right side	0	18900	1880	19	18.96	0.93%	0.393	0.397	-
					Left side	0	18900	1880	19	18.96	0.93%	0.043	0.043	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 FDD Band 4

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 4	20MHz	QPSK	1 RB	0	Back side	0	20300	1745	20	19.99	0.23%	0.278	0.279	-
					Top side	0	20300	1745	20	19.99	0.23%	1.360	1.363	456
					Top side*	0	20300	1745	20	19.99	0.23%	1.170	1.173	-
					Top side**	0	20300	1745	20	19.99	0.23%	1.140	1.143	-
					Bottom side	0	20300	1745	20	19.99	0.23%	0.039	0.039	-
					Right side	0	20300	1745	20	19.99	0.23%	0.412	0.413	-
					Left side	0	20300	1745	20	19.99	0.23%	0.048	0.048	-
				50	Top side	0	20050	1720	20	19.95	1.16%	1.290	1.305	-
				99	Top side	0	20175	1732.5	20	19.92	1.86%	1.320	1.345	-
			50 RB	0	Back side	0	20050	1720	20	19.85	3.51%	0.264	0.273	-
					Top side	0	20050	1720	20	19.85	3.51%	0.992	1.027	-
					Top side	0	20300	1745	20	19.82	4.23%	0.983	1.025	-
					Bottom side	0	20050	1720	20	19.85	3.51%	0.037	0.038	-
					Right side	0	20050	1720	20	19.85	3.51%	0.395	0.409	-
					Left side	0	20050	1720	20	19.85	3.51%	0.046	0.047	-
				50	Top side	0	20175	1732.5	20	19.77	5.44%	0.962	1.014	-
			100 RB		Back side	0	20050	1720	20	19.87	3.04%	0.266	0.274	-
					Top side	0	20050	1720	20	19.87	3.04%	1.180	1.216	-
					Top side	0	20175	1732.5	20	19.75	5.93%	1.020	1.080	-
					Top side	0	20030	1745	20	19.81	4.47%	1.110	1.160	-
					Bottom side	0	20050	1720	20	19.87	3.04%	0.039	0.040	-
					Right side	0	20050	1720	20	19.87	3.04%	0.399	0.411	-
					Left side	0	20050	1720	20	19.87	3.04%	0.051	0.053	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

LTE FDD Band 5

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 5	10MHz	QPSK	1 RB	0	Back side	0	20525	836.5	21	20.99	0.23%	0.267	0.268	-
					Top side	0	20450	829	21	20.98	0.46%	1.340	1.346	457
					Top side*	0	20450	829	21	20.98	0.46%	1.310	1.316	-
					Top side**	0	20450	829	21	20.98	0.46%	1.320	1.326	-
					Top side	0	20525	836.5	21	20.99	0.23%	1.320	1.323	-
					Bottom side	0	20525	836.5	21	20.99	0.23%	0.040	0.040	-
					Right side	0	20525	836.5	21	20.99	0.23%	0.402	0.403	-
					Left side	0	20525	836.5	21	20.99	0.23%	0.053	0.053	-
				25	Top side	0	20525	836.5	21	20.86	3.28%	1.330	1.374	-
			25 RB	12	Top side	0	20525	836.5	21	20.82	4.23%	1.280	1.334	-
				25	Back side	0	20600	844	21	20.93	1.62%	0.261	0.265	-
					Top side	0	20450	829	21	20.82	4.23%	1.260	1.313	-
					Top side	0	20600	844	21	20.93	1.62%	1.290	1.311	-
					Bottom side	0	20600	844	21	20.93	1.62%	0.034	0.035	-
					Right side	0	20600	844	21	20.93	1.62%	0.388	0.394	-
					Left side	0	20600	844	21	20.93	1.62%	0.049	0.050	-
			50 RB		Back side	0	20600	844	21	20.85	3.51%	0.257	0.266	-
					Top side	0	20600	844	21	20.85	3.51%	1.280	1.325	-
					Bottom side	0	20600	844	21	20.85	3.51%	0.031	0.032	-
					Right side	0	20600	844	21	20.85	3.51%	0.383	0.396	-
					Left side	0	20600	844	21	20.85	3.51%	0.045	0.047	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 FDD Band 7

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 7	20MHz	QPSK	1 RB	0	Back side	0	21100	2535	20.5	20.49	0.23%	0.312	0.313	-
					Top side	0	20850	2510	20.5	20.43	1.62%	1.330	1.352	458
					Top side*	0	20850	2510	20.5	20.43	1.62%	1.290	1.311	-
					Top side**	0	20850	2510	20.5	20.43	1.62%	1.250	1.270	-
					Top side	0	21100	2535	20.5	20.49	0.23%	1.230	1.233	-
					Bottom side	0	21100	2535	20.5	20.49	0.23%	0.045	0.045	-
					Right side	0	21100	2535	20.5	20.49	0.23%	0.527	0.528	-
					Left side	0	21100	2535	20.5	20.49	0.23%	0.057	0.057	-
				99	Top side	0	21350	2560	20.5	20.37	3.04%	1.190	1.226	-
			25 RB	0	Top side	0	21350	2560	20.5	20.32	4.23%	1.070	1.115	-
				25	Back side	0	21100	2535	20.5	20.33	3.99%	0.263	0.273	-
					Top side	0	20850	2510	20.5	19.93	14.02%	0.986	1.124	-
					Top side	0	21100	2535	20.5	20.33	3.99%	1.130	1.175	-
					Bottom side	0	21100	2535	20.5	20.33	3.99%	0.043	0.045	-
					Right side	0	21100	2535	20.5	20.33	3.99%	0.488	0.507	-
					Left side	0	21100	2535	20.5	20.33	3.99%	0.047	0.049	-
			50 RB		Back side	0	21350	2560	20.5	20.36	3.28%	0.269	0.278	-
					Top side	0	20850	2510	20.5	19.81	17.22%	0.973	1.141	-
					Top side	0	21100	2535	20.5	20.18	7.65%	1.040	1.120	-
					Top side	0	21350	2560	20.5	20.36	3.28%	1.150	1.188	-
					Bottom side	0	21350	2560	20.5	20.36	3.28%	0.043	0.045	-
					Right side	0	21350	2560	20.5	20.36	3.28%	0.491	0.507	-
					Left side	0	21350	2560	20.5	20.36	3.28%	0.479	0.495	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01

** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 FDD Band 12

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 12	10MHz	QPSK	1 RB	0	Back side	0	23130	711	21.5	21.50	0.00%	0.196	0.196	-
					Top side	0	23060	704	21.5	21.47	0.69%	1.360	1.369	459
					Top side	0	23095	707.5	21.5	21.42	1.86%	1.320	1.345	-
					Top side*	0	23095	707.5	21.5	21.42	1.86%	1.280	1.304	-
					Top side**	0	23095	707.5	21.5	21.42	1.86%	1.260	1.283	-
					Top side	0	23130	711	21.5	21.50	0.00%	1.270	1.270	-
					Bottom side	0	23130	711	21.5	21.50	0.00%	0.038	0.038	-
					Right side	0	23130	711	21.5	21.50	0.00%	0.385	0.385	-
					Left side	0	23130	711	21.5	21.50	0.00%	0.052	0.052	-
			25 RB	25	Back side	0	23130	711	21.5	21.43	1.62%	0.168	0.171	-
					Top side	0	23060	704	21.5	21.31	4.47%	1.210	1.264	-
					Top side	0	23095	707.5	21.5	21.24	6.17%	1.160	1.232	-
					Top side	0	23130	711	21.5	21.43	1.62%	1.260	1.280	-
					Bottom side	0	23130	711	21.5	21.43	1.62%	0.029	0.029	-
					Right side	0	23130	711	21.5	21.43	1.62%	0.361	0.367	-
					Left side	0	23130	711	21.5	21.43	1.62%	0.050	0.051	-
			50 RB		Back side	0	23130	711	21.5	21.46	0.93%	0.152	0.153	-
					Top side	0	23060	704	21.5	21.14	8.64%	0.986	1.071	-
					Top side	0	23095	707.5	21.5	21.23	6.41%	1.060	1.128	-
					Top side	0	23130	711	21.5	21.46	0.93%	1.180	1.191	-
					Bottom side	0	23130	711	21.5	21.46	0.93%	0.028	0.028	-
					Right side	0	23130	711	21.5	21.46	0.93%	0.030	0.030	-
					Left side	0	23130	711	21.5	21.46	0.93%	0.049	0.049	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

LTE FDD Band 13

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 13	10MHz	QPSK	1 RB	0	Top side	0	23230	782	21	20.62	9.14%	0.215	0.235	-
				25	Top side	0	23230	782	21	20.91	2.09%	1.300	1.327	460
				49	Back side	0	23230	782	21	20.98	0.46%	1.230	1.236	-
					Top side	0	23230	782	21	20.98	0.46%	1.190	1.195	-
					Top side*	0	23230	782	21	20.98	0.46%	0.045	0.045	-
					Top side**	0	23230	782	21	20.98	0.46%	0.412	0.414	-
					Bottom side	0	23230	782	21	20.98	0.46%	0.055	0.055	-
					Right side	0	23230	782	21	20.98	0.46%	1.210	1.216	-
					Left side	0	23230	782	21	20.98	0.46%	1.220	1.226	-
			25 RB	0	Top side	0	23230	782	21	20.31	17.22%	1.040	1.219	-
				12	Top side	0	23230	782	21	20.54	11.17%	1.080	1.201	-
				25	Back side	0	23230	782	21	20.67	7.89%	0.187	0.202	-
					Top side	0	23230	782	21	20.67	7.89%	1.160	1.252	-
					Bottom side	0	23230	782	21	20.67	7.89%	0.041	0.044	-
					Right side	0	23230	782	21	20.67	7.89%	0.394	0.425	-
					Left side	0	23230	782	21	20.67	7.89%	0.052	0.056	-
			50 RB		Back side	0	23230	782	21	20.37	15.61%	0.164	0.190	-
					Top side	0	23230	782	21	20.37	15.61%	1.130	1.306	-
					Bottom side	0	23230	782	21	20.37	15.61%	0.039	0.045	-
					Right side	0	23230	782	21	20.37	15.61%	0.386	0.446	-
					Left side	0	23230	782	21	20.37	15.61%	0.051	0.059	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 FDD Band 14

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 14	10MHz	QPSK	1 RB	0	Top side	0	23330	793	21	20.62	9.14%	1.270	1.386	461
				25	Top side	0	23330	793	21	20.91	2.09%	1.210	1.235	-
				49	Back side	0	23330	793	21	20.99	0.23%	0.238	0.239	-
					Top side	0	23330	793	21	20.99	0.23%	1.230	1.233	-
					Top side*	0	23330	793	21	20.99	0.23%	1.130	1.133	-
					Top side**	0	23330	793	21	20.99	0.23%	1.090	1.093	-
					Bottom side	0	23330	793	21	20.99	0.23%	0.051	0.051	-
					Right side	0	23330	793	21	20.99	0.23%	0.425	0.426	-
					Left side	0	23330	793	21	20.99	0.23%	0.057	0.057	-
			25 RB	0	Top side	0	23330	793	21	20.45	13.50%	1.060	1.203	-
				12	Top side	0	23330	793	21	20.56	10.66%	1.120	1.239	-
				25	Back side	0	23330	793	21	20.75	5.93%	0.196	0.208	-
					Top side	0	23330	793	21	20.75	5.93%	1.180	1.250	-
					Bottom side	0	23330	793	21	20.75	5.93%	0.049	0.051	-
					Right side	0	23330	793	21	20.75	5.93%	0.418	0.443	-
					Left side	0	23330	793	21	20.75	5.93%	0.056	0.060	-
			50 RB		Back side	0	23330	793	21	20.81	4.47%	0.182	0.190	-
					Top side	0	23330	793	21	20.81	4.47%	1.020	1.066	-
					Bottom side	0	23330	793	21	20.81	4.47%	0.047	0.049	-
					Right side	0	23330	793	21	20.81	4.47%	0.411	0.429	-
					Left side	0	23330	793	21	20.81	4.47%	0.055	0.057	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

LTE FDD Band 17

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 17	10MHz	QPSK	1 RB	0	Back side	0	23800	711	21.5	21.49	0.23%	0.194	0.194	-
					Top side	0	23780	709	21.5	21.46	0.93%	1.330	1.342	462
					Top side*	0	23780	709	21.5	21.46	0.93%	1.290	1.302	-
					Top side**	0	23780	709	21.5	21.46	0.93%	1.240	1.251	-
					Top side	0	23790	710	21.5	21.47	0.69%	1.210	1.218	-
					Top side	0	23800	711	21.5	21.49	0.23%	1.240	1.243	-
					Bottom side	0	23800	711	21.5	21.49	0.23%	0.038	0.038	-
					Right side	0	23800	711	21.5	21.49	0.23%	0.384	0.385	-
					Left side	0	23800	711	21.5	21.49	0.23%	0.052	0.052	-
			25 RB	25	Back side	0	23800	711	21.5	20.44	27.64%	0.183	0.234	-
					Top side	0	23780	709	21.5	20.42	28.23%	1.110	1.423	-
					Top side	0	23790	710	21.5	20.43	27.94%	1.150	1.471	-
					Top side	0	23800	711	21.5	20.44	27.64%	1.170	1.493	-
					Bottom side	0	23800	711	21.5	20.44	27.64%	0.036	0.046	-
					Right side	0	23800	711	21.5	20.44	27.64%	0.365	0.466	-
					Left side	0	23800	711	21.5	20.44	27.64%	0.049	0.063	-
			50 RB		Back side	0	23800	711	21.5	20.39	29.12%	0.179	0.231	-
					Top side	0	23780	709	21.5	20.31	31.52%	0.994	1.307	-
					Top side	0	23790	710	21.5	20.36	30.02%	1.040	1.352	
					Top side	0	23800	711	21.5	20.39	29.12%	1.090	1.407	
					Bottom side	0	23800	711	21.5	20.39	29.12%	0.031	0.040	-
					Right side	0	23800	711	21.5	20.39	29.12%	0.354	0.457	-
					Left side	0	23800	711	21.5	20.39	29.12%	0.048	0.062	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 FDD Band 25

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 25	20MHz	QPSK	1 RB	50	Back side	0	26365	1882.5	19	18.74	6.17%	0.245	0.260	-
					Top side	0	26140	1860	19	18.55	10.92%	1.280	1.420	-
					Top side	0	26365	1882.5	19	18.74	6.17%	1.350	1.433	463
					Top side*	0	26365	1882.5	19	18.74	6.17%	1.340	1.423	-
					Top side**	0	26365	1882.5	19	18.74	6.17%	1.270	1.348	-
					Top side	0	26590	1905	19	18.53	11.43%	1.260	1.404	-
					Bottom side	0	26365	1882.5	19	18.74	6.17%	0.030	0.032	-
					Right side	0	26365	1882.5	19	18.74	6.17%	0.456	0.484	-
					Left side	0	26365	1882.5	19	18.74	6.17%	0.052	0.055	-
			50 RB	0	Top side	0	26140	1860	19	18.23	19.40%	1.060	1.266	-
				25	Back side	0	26365	1882.5	19	18.25	18.85%	0.241	0.286	-
					Top side	0	26590	1905	19	18.25	18.85%	1.090	1.295	-
					Top side	0	26365	1882.5	19	18.10	23.03%	1.020	1.255	-
					Bottom side	0	26365	1882.5	19	18.25	18.85%	0.029	0.034	-
					Right side	0	26365	1882.5	19	18.25	18.85%	0.452	0.537	-
					Left side	0	26365	1882.5	19	18.25	18.85%	0.045	0.054	-
			100 RB		Back side	0	26365	1882.5	19	18.21	19.95%	0.238	0.285	-
					Top side	0	26140	1860	19	18.13	22.18%	1.050	1.283	-
					Top side	0	26365	1882.5	19	18.21	19.95%	1.070	1.283	-
					Top side	0	26590	1905	19	18.11	22.74%	1.040	1.277	-
					Bottom side	0	26365	1882.5	19	18.21	19.95%	0.029	0.034	-
					Right side	0	26365	1882.5	19	18.21	19.95%	0.449	0.539	-
					Left side	0	26365	1882.5	19	18.21	19.95%	0.043	0.052	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 FDD Band 26

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 26	15MHz	QPSK	1 RB	0	Back side	0	26965	841.5	21	21.00	0.00%	0.249	0.249	-
					Top side	0	26865	831.5	21	20.92	1.86%	1.360	1.385	464
					Top side*	0	26865	831.5	21	20.92	1.86%	1.330	1.355	-
					Top side**	0	26865	831.5	21	20.92	1.86%	1.260	1.283	-
					Top side	0	26965	841.5	21	21.00	0.00%	1.280	1.280	-
					Bottom side	0	26965	841.5	21	21.00	0.00%	0.038	0.038	-
					Right side	0	26965	841.5	21	21.00	0.00%	0.396	0.396	-
					Left side	0	26965	841.5	21	21.00	0.00%	0.049	0.049	-
				36	Top side	0	26765	821.5	21	20.87	3.04%	1.220	1.257	-
			36 RB	0	Back side	0	26825	822.5	21	20.46	13.24%	1.310	1.483	-
					Top side	0	26865	831.5	21	20.46	13.24%	0.221	0.250	-
					Bottom side	0	26825	822.5	21	20.46	13.24%	1.310	1.483	-
					Right side	0	26865	831.5	21	20.46	13.24%	0.037	0.042	-
					Left side	0	26965	841.5	21	20.46	13.24%	0.375	0.425	-
				18	Top side	0	26965	841.5	21	20.39	15.08%	0.045	0.052	-
				37	Top side	0	26965	841.5	21	20.38	15.35%	1.130	1.303	-
			75 RB		Back side	0	26965	841.5	21	20.45	13.50%	0.219	0.249	-
					Top side	0	26765	821.5	21	20.43	14.02%	1.170	1.334	-
					Top side	0	26865	831.5	21	20.42	14.29%	1.150	1.314	
					Top side	0	26965	841.5	21	20.45	13.50%	1.180	1.339	
					Bottom side	0	26965	841.5	21	20.45	13.50%	0.036	0.041	-
					Right side	0	26965	841.5	21	20.45	13.50%	0.372	0.422	-
					Left side	0	26965	841.5	21	20.45	13.50%	0.045	0.051	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

LTE FDD Band 30

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 30	10MHz	QPSK	1 RB	0	Back side	0	27710	2310	20	19.98	0.46%	0.301	0.302	-
					Top side	0	27710	2310	20	19.98	0.46%	1.300	1.306	465
					Top side*	0	27710	2310	20	19.98	0.46%	1.260	1.266	-
					Top side**	0	27710	2310	20	19.98	0.46%	1.240	1.246	-
					Bottom side	0	27710	2310	20	19.98	0.46%	0.043	0.043	-
					Right side	0	27710	2310	20	19.98	0.46%	0.517	0.519	-
					Left side	0	27710	2310	20	19.98	0.46%	0.052	0.053	-
				25	Top side	0	27710	2310	20	19.84	3.75%	1.230	1.276	-
				49	Top side	0	27710	2310	20	19.87	3.04%	1.260	1.298	-
			25 RB	0	Back side	0	27710	2310	19	18.75	5.93%	0.278	0.294	-
					Top side	0	27710	2310	19	18.75	5.93%	1.180	1.250	-
					Bottom side	0	27710	2310	19	18.75	5.93%	0.039	0.041	-
					Right side	0	27710	2310	19	18.75	5.93%	0.485	0.514	-
					Left side	0	27710	2310	19	18.75	5.93%	0.050	0.053	-
				12	Top side	0	27710	2310	19	18.73	6.41%	1.160	1.234	-
				25	Top side	0	27710	2310	19	18.65	8.39%	1.120	1.214	-
			50 RB		Back side	0	27710	2310	19	18.83	3.99%	0.286	0.297	-
					Top side	0	27710	2310	19	18.83	3.99%	1.200	1.248	-
					Bottom side	0	27710	2310	19	18.83	3.99%	0.040	0.042	-
					Right side	0	27710	2310	19	18.83	3.99%	0.493	0.513	-
					Left side	0	27710	2310	19	18.83	3.99%	0.051	0.053	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 TDD Band 38

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 38	20MHz	QPSK	1 RB	0	Top side	0	37850	2580	24	23.77	5.44%	1.070	1.128	466
					Top side*	0	37850	2580	24	23.77	5.44%	1.020	1.075	-
					Top side**	0	37850	2580	24	23.77	5.44%	1.030	1.086	-
				50	Top side	0	38150	2610	24	23.83	3.99%	1.010	1.050	-
				99	Back side	0	38000	2595	24	23.93	1.62%	0.284	0.289	-
					Top side	0	38000	2595	24	23.93	1.62%	1.040	1.057	-
					Bottom side	0	38000	2595	24	23.93	1.62%	0.043	0.044	-
					Right side	0	38000	2595	24	23.93	1.62%	0.496	0.504	-
					Left side	0	38000	2595	24	23.93	1.62%	0.054	0.055	-
			50 RB	0	Top side	0	37850	2580	23	22.66	8.14%	0.872	0.943	-
				50	Back side	0	38150	2610	23	22.86	3.28%	0.245	0.253	-
					Top side	0	38000	2595	23	22.63	8.89%	0.853	0.929	-
					Top side	0	38150	2610	23	22.86	3.28%	0.871	0.900	-
					Bottom side	0	38150	2610	23	22.86	3.28%	0.042	0.043	-
					Right side	0	38150	2610	23	22.86	3.28%	0.477	0.493	-
					Left side	0	38150	2610	23	22.86	3.28%	0.052	0.054	-
			100 RB		Back side	0	38150	2610	23	22.76	5.68%	0.238	0.252	-
					Top side	0	37850	2580	23	22.67	7.89%	0.863	0.931	-
					Top side	0	38150	2610	23	22.66	8.14%	0.867	0.938	-
					Top side	0	38150	2610	23	22.76	5.68%	0.891	0.942	-
					Bottom side	0	38150	2610	23	22.76	5.68%	0.040	0.042	-
					Right side	0	38150	2610	23	22.76	5.68%	0.459	0.485	-
					Left side	0	38150	2610	23	22.76	5.68%	0.051	0.054	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 TDD Band 41

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 41	20MHz	QPSK	1 RB	0	Back side	0	39750	2506	22.5	22.50	0.00%	0.347	0.347	-
					Top side	0	39750	2506	22.5	22.50	0.00%	1.230	1.230	-
					Bottom side	0	39750	2506	22.5	22.50	0.00%	0.047	0.047	-
					Right side	0	39750	2506	22.5	22.50	0.00%	0.543	0.543	-
					Left side	0	39750	2506	22.5	22.50	0.00%	0.063	0.063	-
				50	Top side	0	40620	2593	22.5	21.87	15.61%	1.170	1.353	-
					Top side	0	41490	2680	22.5	22.13	8.89%	1.270	1.383	467
					Top side*	0	41490	2680	22.5	22.13	8.89%	1.210	1.318	-
					Top side**	0	41490	2680	22.5	22.13	8.89%	1.180	1.285	-
				99	Top side	0	39750	2506	22.5	22.34	3.75%	1.190	1.235	-
					Top side	0	41055	2636.5	22.5	22.33	3.99%	1.030	1.071	-
			50 RB	0	Top side	0	40620	2593	22.5	21.48	26.47%	0.986	1.247	-
					Top side	0	41490	2680	22.5	21.43	27.94%	0.945	1.209	-
				25	Back side	0	40185	2549.5	22.5	21.52	25.31%	0.312	0.391	-
					Top side	0	39750	2506	22.5	21.52	25.31%	0.922	1.155	-
					Top side	0	40185	2549.5	22.5	21.52	25.31%	1.050	1.316	-
					Bottom side	0	40185	2549.5	22.5	21.52	25.31%	0.042	0.053	-
					Right side	0	40185	2549.5	22.5	21.52	25.31%	0.529	0.663	-
					Left side	0	40185	2549.5	22.5	21.52	25.31%	0.059	0.073	-
				50	Top side	0	40185	2549.5	22.5	21.41	28.53%	0.957	1.230	-
			100 RB		Back side	0	40185	2549.5	22.5	21.53	25.03%	0.308	0.385	-
					Top side	0	39750	2506	22.5	21.38	29.42%	0.995	1.288	-
					Top side	0	40185	2549.5	22.5	21.53	25.03%	1.040	1.300	-
					Top side	0	40620	2593	22.5	21.35	30.32%	0.976	1.272	-
					Top side	0	41055	2636.5	22.5	21.36	30.02%	0.959	1.247	-
					Bottom side	0	40185	2549.5	22.5	21.53	25.03%	0.042	0.053	-
					Right side	0	40185	2549.5	22.5	21.53	25.03%	0.523	0.654	-
					Left side	0	40185	2549.5	22.5	21.53	25.03%	0.058	0.073	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 FDD Band 66

Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
												Measured	Reported	
LTE Band 66	20MHz	QPSK	1 RB	0	Back side	0	132572	1770	19.5	19.44	1.39%	0.258	0.262	-
					Top side	0	132572	1770	19.5	19.44	1.39%	1.350	1.369	468
					Top side*	0	132572	1770	19.5	19.44	1.39%	1.310	1.328	-
					Top side**	0	132572	1770	19.5	19.44	1.39%	1.250	1.267	-
					Bottom side	0	132572	1770	19.5	19.44	1.39%	0.038	0.038	-
					Right side	0	132572	1770	19.5	19.44	1.39%	0.441	0.447	-
					Left side	0	132572	1770	19.5	19.44	1.39%	0.047	0.047	-
				50	Top side	0	132072	1720	19.5	19.34	3.75%	1.260	1.307	-
				99	Top side	0	132322	1745	19.5	19.23	6.41%	1.240	1.320	-
			50 RB	0	Top side	0	132322	1745	19.5	18.74	19.12%	1.140	1.358	-
				25	Top side	0	132072	1720	19.5	18.79	17.76%	1.160	1.366	-
				50	Back side	0	132572	1770	19.5	18.99	12.46%	0.247	0.278	-
					Top side	0	132572	1770	19.5	18.99	12.46%	1.210	1.361	-
					Bottom side	0	132572	1770	19.5	18.99	12.46%	0.036	0.040	-
					Right side	0	132572	1770	19.5	18.99	12.46%	0.424	0.477	-
					Left side	0	132572	1770	19.5	18.99	12.46%	0.045	0.051	-
			100 RB		Back side	0	132572	1770	19.5	19.00	12.20%	0.249	0.279	-
					Top side	0	132072	1720	19.5	18.80	17.49%	1.170	1.375	-
					Top side	0	132322	1745	19.5	18.70	20.23%	1.110	1.335	-
					Top side	0	132572	1770	19.5	19.00	12.20%	1.190	1.335	-
					Bottom side	0	132572	1770	19.5	19.00	12.20%	0.032	0.036	-
					Right side	0	132572	1770	19.5	19.00	12.20%	0.417	0.468	-
					Left side	0	132572	1770	19.5	19.00	12.20%	0.044	0.049	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd battery

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

AWAN

WLAN Antenna

Antenna	Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
									Measured	Reported	
Main	WLAN 802.11b	Back side	0	1	2412	17.50	17.49	100.23%	0.146	0.146	-
		Top side	0	1	2412	17.50	17.49	100.23%	0.455	0.456	469
		Top side**	0	1	2412	17.50	17.49	100.23%	0.438	0.439	
		Bottom side	0	1	2412	17.50	17.49	100.23%	0.025	0.025	-
		Right side	0	1	2412	17.50	17.49	100.23%	0.042	0.042	-
		Left side	0	1	2412	17.50	17.49	100.23%	0.042	0.042	-
	WLAN 802.11n(40M) 5.2G	Back side	0	46	5230	15.50	15.47	100.69%	0.073	0.074	-
		Top side	0	46	5230	15.50	15.47	100.69%	0.465	0.468	470
		Top side**	0	46	5230	15.50	15.47	100.69%	0.456	0.459	-
		Bottom side	0	46	5230	15.50	15.47	100.69%	0.079	0.080	-
		Right side	0	46	5230	15.50	15.47	100.69%	0.012	0.012	-
		Left side	0	46	5230	15.50	15.47	100.69%	0.042	0.043	-
	WLAN 802.11a 5.3G	Back side	0	60	5300	15.50	15.49	100.23%	0.058	0.058	-
		Top side	0	60	5300	15.50	15.49	100.23%	0.372	0.373	471
		Bottom side	0	60	5300	15.50	15.49	100.23%	0.067	0.067	-
		Right side	0	60	5300	15.50	15.49	100.23%	0.008	0.008	-
		Left side	0	60	5300	15.50	15.49	100.23%	0.031	0.031	-
	WLAN 802.11n(40M) 5.3G	Back side	0	54	5270	15.50	15.50	100.00%	0.068	0.068	-
		Top side	0	54	5270	15.50	15.50	100.00%	0.405	0.405	472
		Top side**	0	54	5270	15.50	15.50	100.00%	0.399	0.399	-
		Bottom side	0	54	5270	15.50	15.50	100.00%	0.073	0.073	-
		Right side	0	54	5270	15.50	15.50	100.00%	0.010	0.010	-
		Left side	0	54	5270	15.50	15.50	100.00%	0.034	0.034	-
	WLAN 802.11n(40M) 5.6G	Back side	0	102	5510	15.50	15.49	100.23%	0.083	0.083	-
		Top side	0	102	5510	15.50	15.49	100.23%	0.565	0.566	473
		Bottom side	0	102	5510	15.50	15.49	100.23%	0.082	0.082	-
		Right side	0	102	5510	15.50	15.49	100.23%	0.013	0.013	-
		Left side	0	102	5510	15.50	15.49	100.23%	0.046	0.046	-
	WLAN 802.11ac(80M) 5.6G	Back side	0	138	5690	15.50	15.49	100.23%	0.131	0.131	-
		Top side	0	122	5610	15.50	15.45	101.16%	0.730	0.738	-
		Top side	0	138	5690	15.50	15.49	100.23%	0.850	0.852	474
		Top side*	0	138	5690	15.50	15.49	100.23%	0.831	0.833	-
		Top side**	0	138	5690	15.50	15.49	100.23%	0.838	0.840	-
		Bottom side	0	138	5690	15.50	15.49	100.23%	0.127	0.127	-
		Right side	0	138	5690	15.50	15.49	100.23%	0.022	0.022	-
		Left side	0	138	5690	15.50	15.49	100.23%	0.064	0.064	-
	WLAN 802.11ac(80M) 5.8G	Back side	0	155	5775	15.50	15.49	100.23%	0.144	0.144	-
		Top side	0	155	5775	15.50	15.49	100.23%	0.895	0.897	475
		Top side*	0	155	5775	15.50	15.49	100.23%	0.881	0.883	-
		Top side**	0	155	5775	15.50	15.49	100.23%	0.876	0.878	-
		Bottom side	0	155	5775	15.50	15.49	100.23%	0.132	0.132	-
		Right side	0	155	5775	15.50	15.49	100.23%	0.026	0.026	-
		Left side	0	155	5775	15.50	15.49	100.23%	0.069	0.069	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd Battery spotcheck

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

WLAN Aux Antenna

Antenna	Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
									Measured	Reported	
Aux	WLAN 802.11b	Back side	0	1	2412	17.50	17.49	100.23%	0.088	0.088	-
		Top side	0	1	2412	17.50	17.49	100.23%	0.747	0.749	476
		Top side**	0	1	2412	17.50	17.49	100.23%	0.738	0.740	-
		Bottom side	0	1	2412	17.50	17.49	100.23%	0.055	0.055	-
		Right side	0	1	2412	17.50	17.49	100.23%	0.028	0.028	-
		Left side	0	1	2412	17.50	17.49	100.23%	0.479	0.480	-
	Bluetooth (GFSK)	Back side	0	39	2441	11.50	11.50	100.00%	0.016	0.016	-
		Top side	0	39	2441	11.50	11.50	100.00%	0.153	0.153	477
		Bottom side	0	39	2441	11.50	11.50	100.00%	0.011	0.011	-
		Right side	0	39	2441	11.50	11.50	100.00%	0.010	0.010	-
		Left side	0	39	2441	11.50	11.50	100.00%	0.107	0.107	-
	WLAN 802.11n(40M) 5.2G	Back side	0	38	5190	15.50	15.47	100.69%	0.037	0.038	-
		Top side	0	38	5190	15.50	15.47	100.69%	0.375	0.378	478
		Top side**	0	38	5190	15.50	15.47	100.69%	0.366	0.369	-
		Bottom side	0	38	5190	15.50	15.47	100.69%	0.016	0.016	-
		Right side	0	38	5190	15.50	15.47	100.69%	0.013	0.013	-
		Left side	0	38	5190	15.50	15.47	100.69%	0.216	0.217	-
	WLAN 802.11a 5.3G	Back side	0	60	5300	15.50	15.47	100.69%	0.042	0.043	-
		Top side	0	60	5300	15.50	15.47	100.69%	0.469	0.472	479
		Top side**	0	60	5300	15.50	15.47	100.69%	0.457	0.460	-
		Bottom side	0	60	5300	15.50	15.47	100.69%	0.020	0.020	-
		Right side	0	60	5300	15.50	15.47	100.69%	0.017	0.018	-
		Left side	0	60	5300	15.50	15.47	100.69%	0.311	0.313	-
	WLAN 802.11n(40M) 5.3G	Back side	0	54	5270	15.50	15.49	100.23%	0.039	0.039	-
		Top side	0	54	5270	15.50	15.49	100.23%	0.410	0.411	480
		Bottom side	0	54	5270	15.50	15.49	100.23%	0.018	0.018	-
		Right side	0	54	5270	15.50	15.49	100.23%	0.014	0.014	-
		Left side	0	54	5270	15.50	15.49	100.23%	0.243	0.244	-
	WLAN 802.11ac(80M) 5.6G	Back side	0	138	5690	15.50	15.49	100.23%	0.082	0.082	-
		Top side	0	106	5530	15.50	15.47	100.69%	0.448	0.451	-
		Top side	0	138	5690	15.50	15.49	100.23%	0.895	0.897	481
		Top side*	0	138	5690	15.50	15.49	100.23%	0.871	0.873	-
		Top side**	0	138	5690	15.50	15.49	100.23%	0.887	0.889	-
		Bottom side	0	138	5690	15.50	15.49	100.23%	0.038	0.038	-
		Right side	0	138	5690	15.50	15.49	100.23%	0.033	0.033	-
		Left side	0	138	5690	15.50	15.49	100.23%	0.552	0.553	-
	WLAN 802.11ac(80M) 5.8G	Back side	0	155	5775	15.50	15.49	100.23%	0.073	0.074	-
		Top side	0	155	5775	15.50	15.49	100.23%	0.780	0.782	482
		Top side**	0	155	5775	15.50	15.49	100.23%	0.774	0.776	-
		Bottom side	0	155	5775	15.50	15.49	100.23%	0.037	0.037	-
		Right side	0	155	5775	15.50	15.49	100.23%	0.032	0.032	-
		Left side	0	155	5775	15.50	15.49	100.23%	0.511	0.512	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd Battery spotcheck

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

HONG-BO

WLAN Antenna

Antenna	Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
									Measured	Reported	
Main	WLAN 802.11b	Back side	0	1	2412	17.50	17.49	100.23%	0.143	0.143	-
		Top side	0	1	2412	17.50	17.49	100.23%	0.630	0.631	483
		Top side**	0	1	2412	17.50	17.49	100.23%	0.623	0.624	-
		Bottom side	0	1	2412	17.50	17.49	100.23%	0.005	0.005	-
		Right side	0	1	2412	17.50	17.49	100.23%	0.004	0.004	-
		Left side	0	1	2412	17.50	17.49	100.23%	0.125	0.125	-
	WLAN 802.11n(40M) 5.2G	Back side	0	46	5230	15.50	15.47	100.69%	0.195	0.196	-
		Top side	0	38	5190	15.50	15.46	100.93%	0.846	0.854	484
		Top side**	0	38	5190	15.50	15.46	100.93%	0.841	0.849	-
		Top side	0	46	5230	15.50	15.47	100.69%	0.803	0.809	-
		Bottom side	0	46	5230	15.50	15.47	100.69%	0.006	0.006	-
		Right side	0	46	5230	15.50	15.47	100.69%	0.007	0.008	-
		Left side	0	46	5230	15.50	15.47	100.69%	0.177	0.178	-
	WLAN 802.11a 5.3G	Back side	0	60	5300	15.50	15.49	100.23%	0.274	0.275	-
		Top side	0	60	5300	15.50	15.49	100.23%	0.945	0.947	-
		Top side	0	64	5320	15.50	15.45	101.16%	0.957	0.968	485
		Top side**	0	64	5320	15.50	15.45	101.16%	0.945	0.956	-
		Bottom side	0	60	5300	15.50	15.49	100.23%	0.010	0.010	-
		Right side	0	60	5300	15.50	15.49	100.23%	0.011	0.011	-
		Left side	0	60	5300	15.50	15.49	100.23%	0.185	0.185	-
	WLAN 802.11n(40M) 5.3G	Back side	0	54	5270	15.50	15.50	100.00%	0.217	0.217	-
		Top side	0	54	5270	15.50	15.50	100.00%	0.877	0.877	486
		Top side	0	62	5310	13.00	12.98	100.46%	0.492	0.494	-
		Bottom side	0	54	5270	15.50	15.50	100.00%	0.008	0.008	-
		Right side	0	54	5270	15.50	15.50	100.00%	0.008	0.008	-
		Left side	0	54	5270	15.50	15.50	100.00%	0.179	0.179	-
	WLAN 802.11n(40M) 5.6G	Back side	0	102	5510	15.50	15.49	100.23%	0.255	0.256	-
		Top side	0	102	5510	15.50	15.49	100.23%	0.926	0.928	-
		Top side	0	134	5670	15.50	15.48	100.46%	1.030	1.035	487
		Top side**	0	134	5670	15.50	15.48	100.46%	0.995	1.000	-
		Bottom side	0	102	5510	15.50	15.49	100.23%	0.010	0.010	-
		Right side	0	102	5510	15.50	15.49	100.23%	0.009	0.009	-
		Left side	0	102	5510	15.50	15.49	100.23%	0.184	0.184	-
	WLAN 802.11ac(80M) 5.6G	Back side	0	138	5690	15.50	15.49	100.23%	0.243	0.244	-
		Top side	0	122	5610	15.50	15.45	101.16%	0.902	0.912	-
		Top side	0	138	5690	15.50	15.49	100.23%	0.918	0.920	488
		Bottom side	0	138	5690	15.50	15.49	100.23%	0.009	0.009	-
		Right side	0	138	5690	15.50	15.49	100.23%	0.008	0.008	-
		Left side	0	138	5690	15.50	15.49	100.23%	0.182	0.182	-
	WLAN 802.11ac(80M) 5.8G	Back side	0	155	5775	15.50	15.49	100.23%	0.288	0.289	-
		Top side	0	155	5775	15.50	15.49	100.23%	0.959	0.961	489
		Top side**	0	155	5775	15.50	15.49	100.23%	0.951	0.953	-
		Bottom side	0	155	5775	15.50	15.49	100.23%	0.011	0.011	-
		Right side	0	155	5775	15.50	15.49	100.23%	0.010	0.010	-
		Left side	0	155	5775	15.50	15.49	100.23%	0.186	0.186	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd Battery spotcheck

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

WLAN Aux Antenna

Antenna	Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
									Measured	Reported	
Aux	WLAN 802.11b	Back side	0	1	2412	17.50	17.49	100.23%	0.413	0.414	-
		Top side	0	1	2412	17.50	17.49	100.23%	1.190	1.193	490
		Top side**	0	1	2412	17.50	17.49	100.23%	1.100	1.103	-
		Top side	0	6	2437	17.50	17.47	100.69%	1.170	1.178	-
		Bottom side	0	1	2412	17.50	17.49	100.23%	0.022	0.022	-
		Right side	0	1	2412	17.50	17.49	100.23%	0.021	0.021	-
		Left side	0	1	2412	17.50	17.49	100.23%	0.394	0.395	-
	Bluetooth (GFSK)	Back side	0	39	2441	11.50	11.50	100.00%	0.088	0.088	-
		Top side	0	39	2441	11.50	11.50	100.00%	0.270	0.270	491
		Bottom side	0	39	2441	11.50	11.50	100.00%	0.005	0.005	-
		Right side	0	39	2441	11.50	11.50	100.00%	0.003	0.003	-
		Left side	0	39	2441	11.50	11.50	100.00%	0.077	0.077	-
	WLAN 802.11n(40M) 5.2G	Back side	0	38	5190	15.50	15.47	100.69%	0.226	0.228	-
		Top side	0	38	5190	15.50	15.47	100.69%	0.901	0.907	-
		Top side	0	46	5230	15.50	15.41	102.09%	0.923	0.942	492
		Top side**	0	46	5230	15.50	15.41	102.09%	0.910	0.929	-
		Bottom side	0	38	5190	15.50	15.47	100.69%	0.019	0.019	-
		Right side	0	38	5190	15.50	15.47	100.69%	0.016	0.016	-
		Left side	0	38	5190	15.50	15.47	100.69%	0.179	0.180	-
	WLAN 802.11a 5.3G	Back side	0	60	5300	15.50	15.47	100.69%	0.253	0.255	-
		Top side	0	52	5260	15.50	15.44	101.39%	1.000	1.014	493
		Top side**	0	52	5260	15.50	15.44	101.39%	0.975	0.989	-
		Top side	0	60	5300	15.50	15.47	100.69%	0.933	0.939	-
		Bottom side	0	60	5300	15.50	15.47	100.69%	0.020	0.020	-
		Right side	0	60	5300	15.50	15.47	100.69%	0.017	0.017	-
		Left side	0	60	5300	15.50	15.47	100.69%	0.182	0.183	-
	WLAN 802.11n(40M) 5.3G	Back side	0	54	5270	15.50	15.49	100.23%	0.261	0.262	-
		Top side	0	54	5270	15.50	15.49	100.23%	0.987	0.989	494
		Top side	0	62	5310	13.00	13.00	100.00%	0.571	0.571	-
		Bottom side	0	54	5270	15.50	15.49	100.23%	0.021	0.021	-
		Right side	0	54	5270	15.50	15.49	100.23%	0.018	0.018	-
		Left side	0	54	5270	15.50	15.49	100.23%	0.187	0.187	-
	WLAN 802.11ac(80M) 5.6G	Back side	0	138	5690	15.50	15.49	100.23%	0.221	0.222	-
		Top side	0	106	5530	15.50	15.47	100.69%	0.910	0.916	495
		Top side**	0	106	5530	15.50	15.47	100.69%	0.905	0.911	-
		Top side	0	138	5690	15.50	15.49	100.23%	0.817	0.819	-
		Bottom side	0	138	5690	15.50	15.49	100.23%	0.018	0.018	-
		Right side	0	138	5690	15.50	15.49	100.23%	0.015	0.015	-
		Left side	0	138	5690	15.50	15.49	100.23%	0.156	0.156	-
	WLAN 802.11ac(80M) 5.8G	Back side	0	155	5775	15.50	15.49	100.23%	0.204	0.204	-
		Top side	0	155	5775	15.50	15.49	100.23%	0.770	0.772	496
		Top side**	0	155	5775	15.50	15.49	100.23%	0.766	0.768	-
		Bottom side	0	155	5775	15.50	15.49	100.23%	0.016	0.016	-
		Right side	0	155	5775	15.50	15.49	100.23%	0.013	0.013	-
		Left side	0	155	5775	15.50	15.49	100.23%	0.158	0.158	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01
** - 2nd Battery spotcheck

Note:

$$\text{Scaling} = \frac{\text{reported SAR}}{\text{measured SAR}} = \frac{P2(mW)}{P1(mW)} = 10^{\left(\frac{P_2 - P_1}{10}\right)}(dBm)$$

Reported SAR = measured SAR * (scaling)
Where P2 is maximum specified power, P1 is measured conducted power

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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. Simultaneous Transmission Analysis

Simultaneous Transmission Scenarios:

NO.	Simultaneous Transmit Configurations	Body
1	UMTS + 2.4GHz WLAN Main / 2.4GHz WLAN Aux / 2.4GHz MIMO	YES
2	UMTS + 5GHz WLAN Main / 5GHz WLAN Aux / 5GHz MIMO	YES
3	UMTS + BT	YES
4	UMTS + 2.4/5GHz WLAN Maiin + BT	YES
5	LTE + 2.4GHz WLAN Main / 2.4GHz WLAN Aux / 2.4GHz MIMO	YES
6	LTE + 5GHz WLAN Main / 5GHz WLAN Aux / 5GHz MIMO	YES
7	LTE + BT	YES
8	LTE + 2.4/5GHz WLAN Main + BT	YES

Note :
1) WWAN and WLAN may transmit simultaneously.
2) Bluetooth and WLAN Aux share the same antenna path.
3) Bluetooth can transmit with WLAN Main simultaneously.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

3.1 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.

3.2 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 **(SAR1 + SAR2)^1.5/Ri**, 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 Ri is the separation distance between the peak SAR locations for the antenna pair in mm.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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

AWAN

Back side WWAN + 2.4G WLAN

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Max. WLAN Aux	SAR Sum	SPLSR
1	Back side	WCDMA Band 2	0	0.284	0.146	0.088	0.518	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.314	0.146	0.088	0.548	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.255	0.146	0.088	0.489	ΣSAR<1.6, Not required
		LTE Band 2	0	0.109	0.146	0.088	0.343	ΣSAR<1.6, Not required
		LTE Band 4	0	0.127	0.146	0.088	0.361	ΣSAR<1.6, Not required
		LTE Band 5	0	0.117	0.146	0.088	0.351	ΣSAR<1.6, Not required
		LTE Band 7	0	0.103	0.146	0.088	0.337	ΣSAR<1.6, Not required
		LTE Band 12	0	0.112	0.146	0.088	0.346	ΣSAR<1.6, Not required
		LTE Band 13	0	0.111	0.146	0.088	0.345	ΣSAR<1.6, Not required
		LTE Band 14	0	0.124	0.146	0.088	0.358	ΣSAR<1.6, Not required
		LTE Band 17	0	0.131	0.146	0.088	0.365	ΣSAR<1.6, Not required
		LTE Band 25	0	0.114	0.146	0.088	0.348	ΣSAR<1.6, Not required
		LTE Band 26	0	0.277	0.146	0.088	0.511	ΣSAR<1.6, Not required
		LTE Band 30	0	0.120	0.146	0.088	0.354	ΣSAR<1.6, Not required
		LTE Band 38	0	0.162	0.146	0.088	0.396	ΣSAR<1.6, Not required
		LTE Band 41	0	0.256	0.146	0.088	0.490	ΣSAR<1.6, Not required
		LTE Band 66	0	0.118	0.146	0.088	0.352	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Back side WWAN + 5G WLAN

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Max. WLAN Aux	SAR Sum	SPLSR
2	Back side	WCDMA Band 2	0	0.284	0.144	0.082	0.510	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.314	0.144	0.082	0.540	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.255	0.144	0.082	0.481	ΣSAR<1.6, Not required
		LTE Band 2	0	0.109	0.144	0.082	0.335	ΣSAR<1.6, Not required
		LTE Band 4	0	0.127	0.144	0.082	0.353	ΣSAR<1.6, Not required
		LTE Band 5	0	0.117	0.144	0.082	0.343	ΣSAR<1.6, Not required
		LTE Band 7	0	0.103	0.144	0.082	0.329	ΣSAR<1.6, Not required
		LTE Band 12	0	0.112	0.144	0.082	0.338	ΣSAR<1.6, Not required
		LTE Band 13	0	0.111	0.144	0.082	0.337	ΣSAR<1.6, Not required
		LTE Band 14	0	0.124	0.144	0.082	0.350	ΣSAR<1.6, Not required
		LTE Band 17	0	0.131	0.144	0.082	0.357	ΣSAR<1.6, Not required
		LTE Band 25	0	0.114	0.144	0.082	0.340	ΣSAR<1.6, Not required
		LTE Band 26	0	0.131	0.144	0.082	0.357	ΣSAR<1.6, Not required
		LTE Band 30	0	0.114	0.144	0.082	0.340	ΣSAR<1.6, Not required
		LTE Band 38	0	0.277	0.144	0.082	0.503	ΣSAR<1.6, Not required
		LTE Band 41	0	0.120	0.144	0.082	0.346	ΣSAR<1.6, Not required
		LTE Band 66	0	0.162	0.144	0.082	0.388	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Back side WWAN + 2.4G WLAN Main + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Bluetooth	SAR Sum	SPLSR
3	Back side	WCDMA Band 2	0	0.284	0.146	0.016	0.446	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.314	0.146	0.016	0.476	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.255	0.146	0.016	0.417	ΣSAR<1.6, Not required
		LTE Band 2	0	0.109	0.146	0.016	0.271	ΣSAR<1.6, Not required
		LTE Band 4	0	0.127	0.146	0.016	0.289	ΣSAR<1.6, Not required
		LTE Band 5	0	0.117	0.146	0.016	0.279	ΣSAR<1.6, Not required
		LTE Band 7	0	0.103	0.146	0.016	0.265	ΣSAR<1.6, Not required
		LTE Band 12	0	0.112	0.146	0.016	0.274	ΣSAR<1.6, Not required
		LTE Band 13	0	0.111	0.146	0.016	0.273	ΣSAR<1.6, Not required
		LTE Band 14	0	0.124	0.146	0.016	0.286	ΣSAR<1.6, Not required
		LTE Band 17	0	0.131	0.146	0.016	0.293	ΣSAR<1.6, Not required
		LTE Band 25	0	0.114	0.146	0.016	0.276	ΣSAR<1.6, Not required
		LTE Band 26	0	0.131	0.146	0.016	0.293	ΣSAR<1.6, Not required
		LTE Band 30	0	0.114	0.146	0.016	0.276	ΣSAR<1.6, Not required
		LTE Band 38	0	0.277	0.146	0.016	0.439	ΣSAR<1.6, Not required
		LTE Band 41	0	0.120	0.146	0.016	0.282	ΣSAR<1.6, Not required
		LTE Band 66	0	0.162	0.146	0.016	0.324	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Back side WWAN + 5G WLAN Main + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Bluetooth	SAR Sum	SPLSR
4	Back side	WCDMA Band 2	0	0.284	0.144	0.016	0.444	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.314	0.144	0.016	0.474	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.255	0.144	0.016	0.415	ΣSAR<1.6, Not required
		LTE Band 2	0	0.109	0.144	0.016	0.269	ΣSAR<1.6, Not required
		LTE Band 4	0	0.127	0.144	0.016	0.287	ΣSAR<1.6, Not required
		LTE Band 5	0	0.117	0.144	0.016	0.277	ΣSAR<1.6, Not required
		LTE Band 7	0	0.103	0.144	0.016	0.263	ΣSAR<1.6, Not required
		LTE Band 12	0	0.112	0.144	0.016	0.272	ΣSAR<1.6, Not required
		LTE Band 13	0	0.111	0.144	0.016	0.271	ΣSAR<1.6, Not required
		LTE Band 14	0	0.124	0.144	0.016	0.284	ΣSAR<1.6, Not required
		LTE Band 17	0	0.131	0.144	0.016	0.291	ΣSAR<1.6, Not required
		LTE Band 25	0	0.114	0.144	0.016	0.274	ΣSAR<1.6, Not required
		LTE Band 26	0	0.131	0.144	0.016	0.291	ΣSAR<1.6, Not required
		LTE Band 30	0	0.114	0.144	0.016	0.274	ΣSAR<1.6, Not required
		LTE Band 38	0	0.277	0.144	0.016	0.437	ΣSAR<1.6, Not required
		LTE Band 41	0	0.120	0.144	0.016	0.280	ΣSAR<1.6, Not required
		LTE Band 66	0	0.162	0.144	0.016	0.322	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top side WWAN + 2.4G WLAN

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Max. WLAN Aux	SAR Sum	SPLSR
5	Top side	WCDMA Band 2	0	1.409	0.456	0.749	**2.614**	Analyzed as below
		WCDMA Band 4	0	1.372	0.456	0.749	**2.577**	Analyzed as below
		WCDMA Band 5	0	1.413	0.456	0.749	**2.618**	Analyzed as below
		LTE Band 2	0	1.360	0.456	0.749	**2.565**	Analyzed as below
		LTE Band 4	0	1.333	0.456	0.749	**2.538**	Analyzed as below
		LTE Band 5	0	1.437	0.456	0.749	**2.642**	Analyzed as below
		LTE Band 7	0	1.392	0.456	0.749	**2.597**	Analyzed as below
		LTE Band 12	0	1.365	0.456	0.749	**2.570**	Analyzed as below
		LTE Band 13	0	1.317	0.456	0.749	**2.522**	Analyzed as below
		LTE Band 14	0	1.313	0.456	0.749	**2.518**	Analyzed as below
		LTE Band 17	0	1.353	0.456	0.749	**2.558**	Analyzed as below
		LTE Band 25	0	1.380	0.456	0.749	**2.585**	Analyzed as below
		LTE Band 26	0	1.320	0.456	0.749	**2.525**	Analyzed as below
		LTE Band 30	0	1.376	0.456	0.749	**2.581**	Analyzed as below
		LTE Band 38	0	1.213	0.456	0.749	**2.418**	Analyzed as below
		LTE Band 41	0	1.340	0.456	0.749	**2.545**	Analyzed as below
		LTE Band 66	0	1.369	0.456	0.749	**2.574**	Analyzed 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top side WWAN + 5G WLAN

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Max. WLAN Aux	SAR Sum	SPLSR
6	Top side	WCDMA Band 2	0	1.409	0.897	0.897	**3.203**	Analyzed as below
		WCDMA Band 4	0	1.372	0.897	0.897	**3.166**	Analyzed as below
		WCDMA Band 5	0	1.413	0.897	0.897	**3.207**	Analyzed as below
		LTE Band 2	0	1.360	0.897	0.897	**3.154**	Analyzed as below
		LTE Band 4	0	1.333	0.897	0.897	**3.127**	Analyzed as below
		LTE Band 5	0	1.437	0.897	0.897	**3.231**	Analyzed as below
		LTE Band 7	0	1.392	0.897	0.897	**3.186**	Analyzed as below
		LTE Band 12	0	1.365	0.897	0.897	**3.159**	Analyzed as below
		LTE Band 13	0	1.317	0.897	0.897	**3.111**	Analyzed as below
		LTE Band 14	0	1.313	0.897	0.897	**3.107**	Analyzed as below
		LTE Band 17	0	1.353	0.897	0.897	**3.147**	Analyzed as below
		LTE Band 25	0	1.380	0.897	0.897	**3.174**	Analyzed as below
		LTE Band 26	0	1.320	0.897	0.897	**3.114**	Analyzed as below
		LTE Band 30	0	1.376	0.897	0.897	**3.170**	Analyzed as below
		LTE Band 38	0	1.213	0.897	0.897	**3.007**	Analyzed as below
		LTE Band 41	0	1.340	0.897	0.897	**3.134**	Analyzed as below
		LTE Band 66	0	1.369	0.897	0.897	**3.163**	Analyzed 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top side WWAN + 2.4G WLAN Main + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Bluetooth	SAR Sum	SPLSR
7	Top side	WCDMA Band 2	0	1.409	0.456	0.153	**2.018**	Analyzed as below
		WCDMA Band 4	0	1.372	0.456	0.153	**1.981**	Analyzed as below
		WCDMA Band 5	0	1.413	0.456	0.153	**2.022**	Analyzed as below
		LTE Band 2	0	1.360	0.456	0.153	**1.969**	Analyzed as below
		LTE Band 4	0	1.333	0.456	0.153	**1.942**	Analyzed as below
		LTE Band 5	0	1.437	0.456	0.153	**2.046**	Analyzed as below
		LTE Band 7	0	1.392	0.456	0.153	**2.001**	Analyzed as below
		LTE Band 12	0	1.365	0.456	0.153	**1.974**	Analyzed as below
		LTE Band 13	0	1.317	0.456	0.153	**1.926**	Analyzed as below
		LTE Band 14	0	1.313	0.456	0.153	**1.922**	Analyzed as below
		LTE Band 17	0	1.353	0.456	0.153	**1.962**	Analyzed as below
		LTE Band 25	0	1.380	0.456	0.153	**1.989**	Analyzed as below
		LTE Band 26	0	1.320	0.456	0.153	**1.929**	Analyzed as below
		LTE Band 30	0	1.376	0.456	0.153	**1.985**	Analyzed as below
		LTE Band 38	0	1.213	0.456	0.153	**1.822**	Analyzed as below
		LTE Band 41	0	1.340	0.456	0.153	**1.949**	Analyzed as below
		LTE Band 66	0	1.369	0.456	0.153	**1.978**	Analyzed 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top side WWAN + 5G WLAN Main + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Bluetooth	SAR Sum	SPLSR
8	Top side	WCDMA Band 2	0	1.409	0.897	0.153	**2.459**	Analyzed as below
		WCDMA Band 4	0	1.372	0.897	0.153	**2.422**	Analyzed as below
		WCDMA Band 5	0	1.413	0.897	0.153	**2.463**	Analyzed as below
		LTE Band 2	0	1.360	0.897	0.153	**2.410**	Analyzed as below
		LTE Band 4	0	1.333	0.897	0.153	**2.383**	Analyzed as below
		LTE Band 5	0	1.437	0.897	0.153	**2.487**	Analyzed as below
		LTE Band 7	0	1.392	0.897	0.153	**2.442**	Analyzed as below
		LTE Band 12	0	1.365	0.897	0.153	**2.415**	Analyzed as below
		LTE Band 13	0	1.317	0.897	0.153	**2.367**	Analyzed as below
		LTE Band 14	0	1.313	0.897	0.153	**2.363**	Analyzed as below
		LTE Band 17	0	1.353	0.897	0.153	**2.403**	Analyzed as below
		LTE Band 25	0	1.380	0.897	0.153	**2.430**	Analyzed as below
		LTE Band 26	0	1.320	0.897	0.153	**2.370**	Analyzed as below
		LTE Band 30	0	1.376	0.897	0.153	**2.426**	Analyzed as below
		LTE Band 38	0	1.213	0.897	0.153	**2.263**	Analyzed as below
		LTE Band 41	0	1.340	0.897	0.153	**2.390**	Analyzed as below
		LTE Band 66	0	1.369	0.897	0.153	**2.419**	Analyzed 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top side WWAN + 2.4G WLAN Main

Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			ΣSAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top side	WLAN Main	0.456	-0.64	-5.18	-0.22	-	-	-	-
	WCDMA Band 2	1.409	-0.95	8.00	-0.68	1.865	131.92	0.019	SPLSR ≤ 0.04, Not required
	WCDMA Band 4	1.372	-0.80	8.00	-0.68	1.828	131.89	0.019	SPLSR ≤ 0.04, Not required
	WCDMA Band 5	1.413	-0.81	9.69	-0.70	1.869	148.79	0.017	SPLSR ≤ 0.04, Not required
	LTE Band 2	1.360	-0.95	8.00	-0.69	1.816	131.92	0.019	SPLSR ≤ 0.04, Not required
	LTE Band 4	1.333	-0.95	8.04	-0.67	1.789	132.31	0.018	SPLSR ≤ 0.04, Not required
	LTE Band 5	1.437	-0.66	9.84	-0.70	1.893	150.28	0.017	SPLSR ≤ 0.04, Not required
	LTE Band 7	1.392	-0.94	7.94	-0.63	1.848	131.30	0.019	SPLSR ≤ 0.04, Not required
	LTE Band 12	1.365	-0.66	10.24	-0.70	1.821	154.28	0.016	SPLSR ≤ 0.04, Not required
	LTE Band 13	1.317	-0.19	9.50	-0.44	1.773	146.89	0.016	SPLSR ≤ 0.04, Not required
	LTE Band 14	1.313	-0.19	9.50	-0.44	1.769	146.89	0.016	SPLSR ≤ 0.04, Not required
	LTE Band 17	1.353	-0.80	9.85	-6.89	1.809	164.46	0.015	SPLSR ≤ 0.04, Not required
	LTE Band 25	1.380	-0.17	7.90	-0.54	1.836	130.93	0.019	SPLSR ≤ 0.04, Not required
	LTE Band 26	1.320	-0.81	9.69	-0.70	1.776	148.79	0.016	SPLSR ≤ 0.04, Not required
	LTE Band 30	1.376	-0.72	7.98	-0.55	1.832	131.64	0.019	SPLSR ≤ 0.04, Not required
	LTE Band 38	1.213	-0.74	7.98	-0.47	1.669	131.63	0.016	SPLSR ≤ 0.04, Not required
	LTE Band 41	1.340	-0.84	7.96	-0.48	1.796	131.44	0.018	SPLSR ≤ 0.04, Not required
	LTE Band 66	1.369	-0.95	8.04	-0.67	1.825	132.31	0.019	SPLSR ≤ 0.04, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top side WWAN + 2.4G WLAN Aux

Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			ΣSAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top side	WLAN Aux	0.749	-0.34	-14.14	-0.22	-	-	-	-
	WCDMA Band 2	1.409	-0.95	8.00	-0.68	2.158	221.53	0.014	SPLSR ≤ 0.04, Not required
	WCDMA Band 4	1.372	-0.80	8.00	-0.68	2.121	221.49	0.014	SPLSR ≤ 0.04, Not required
	WCDMA Band 5	1.413	-0.81	9.69	-0.70	2.162	238.39	0.013	SPLSR ≤ 0.04, Not required
	LTE Band 2	1.360	-0.95	8.00	-0.69	2.109	221.53	0.014	SPLSR ≤ 0.04, Not required
	LTE Band 4	1.333	-0.95	8.04	-0.67	2.082	221.93	0.014	SPLSR ≤ 0.04, Not required
	LTE Band 5	1.437	-0.66	9.84	-0.70	2.186	239.87	0.013	SPLSR ≤ 0.04, Not required
	LTE Band 7	1.392	-0.94	7.94	-0.63	2.141	220.92	0.014	SPLSR ≤ 0.04, Not required
	LTE Band 12	1.365	-0.66	10.24	-0.70	2.114	243.87	0.013	SPLSR ≤ 0.04, Not required
	LTE Band 13	1.317	-0.19	9.50	-0.44	2.066	236.41	0.013	SPLSR ≤ 0.04, Not required
	LTE Band 14	1.313	-0.19	9.50	-0.44	2.062	236.41	0.013	SPLSR ≤ 0.04, Not required
	LTE Band 17	1.353	-0.80	9.85	-6.89	2.102	249.03	0.012	SPLSR ≤ 0.04, Not required
	LTE Band 25	1.380	-0.17	7.90	-0.54	2.129	220.43	0.014	SPLSR ≤ 0.04, Not required
	LTE Band 26	1.320	-0.81	9.69	-0.70	2.069	238.39	0.012	SPLSR ≤ 0.04, Not required
	LTE Band 30	1.376	-0.72	7.98	-0.55	2.125	221.26	0.014	SPLSR ≤ 0.04, Not required
	LTE Band 38	1.213	-0.74	7.98	-0.47	1.962	221.25	0.012	SPLSR ≤ 0.04, Not required
	LTE Band 41	1.340	-0.84	7.96	-0.48	2.089	221.07	0.014	SPLSR ≤ 0.04, Not required
	LTE Band 66	1.369	-0.95	8.04	-0.67	2.118	221.93	0.014	SPLSR ≤ 0.04, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top side WWAN + 5G WLAN Main

Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			ΣSAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top side	WLAN Main	0.897	-0.36	-5.88	-0.21	-	-	-	-
	WCDMA Band 2	1.409	-0.95	8.00	-0.68	2.306	139.01	0.025	SPLSR ≤ 0.04, Not required
	WCDMA Band 4	1.372	-0.80	8.00	-0.68	2.269	138.95	0.025	SPLSR ≤ 0.04, Not required
	WCDMA Band 5	1.413	-0.81	9.69	-0.70	2.310	155.84	0.023	SPLSR ≤ 0.04, Not required
	LTE Band 2	1.360	-0.95	8.00	-0.69	2.257	139.01	0.024	SPLSR ≤ 0.04, Not required
	LTE Band 4	1.333	-0.95	8.04	-0.67	2.230	139.40	0.024	SPLSR ≤ 0.04, Not required
	LTE Band 5	1.437	-0.66	9.84	-0.70	2.334	157.31	0.023	SPLSR ≤ 0.04, Not required
	LTE Band 7	1.392	-0.94	7.94	-0.63	2.289	138.39	0.025	SPLSR ≤ 0.04, Not required
	LTE Band 12	1.365	-0.66	10.24	-0.70	2.262	161.30	0.021	SPLSR ≤ 0.04, Not required
	LTE Band 13	1.317	-0.19	9.50	-0.44	2.214	153.83	0.021	SPLSR ≤ 0.04, Not required
	LTE Band 14	1.313	-0.19	9.50	-0.44	2.210	153.83	0.021	SPLSR ≤ 0.04, Not required
	LTE Band 17	1.353	-0.80	9.85	-6.89	2.250	170.96	0.020	SPLSR ≤ 0.04, Not required
	LTE Band 25	1.380	-0.17	7.90	-0.54	2.277	137.85	0.025	SPLSR ≤ 0.04, Not required
	LTE Band 26	1.320	-0.81	9.69	-0.70	2.217	155.84	0.021	SPLSR ≤ 0.04, Not required
	LTE Band 30	1.376	-0.72	7.98	-0.55	2.273	138.69	0.025	SPLSR ≤ 0.04, Not required
	LTE Band 38	1.213	-0.74	7.98	-0.47	2.110	138.68	0.022	SPLSR ≤ 0.04, Not required
	LTE Band 41	1.340	-0.84	7.96	-0.48	2.237	138.51	0.024	SPLSR ≤ 0.04, Not required
	LTE Band 66	1.369	-0.95	8.04	-0.67	2.266	139.40	0.024	SPLSR ≤ 0.04, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top side WWAN + 5G WLAN Aux

Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			ΣSAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top side	WLAN Aux	0.897	-0.26	-13.94	-0.24	-	-	-	-
	WCDMA Band 2	1.409	-0.95	8.00	-0.68	2.306	219.55	0.016	SPLSR ≤ 0.04, Not required
	WCDMA Band 4	1.372	-0.80	8.00	-0.68	2.269	219.51	0.016	SPLSR ≤ 0.04, Not required
	WCDMA Band 5	1.413	-0.81	9.69	-0.70	2.310	236.41	0.015	SPLSR ≤ 0.04, Not required
	LTE Band 2	1.360	-0.95	8.00	-0.69	2.257	219.56	0.015	SPLSR ≤ 0.04, Not required
	LTE Band 4	1.333	-0.95	8.04	-0.67	2.230	219.95	0.015	SPLSR ≤ 0.04, Not required
	LTE Band 5	1.437	-0.66	9.84	-0.70	2.334	237.88	0.015	SPLSR ≤ 0.04, Not required
	LTE Band 7	1.392	-0.94	7.94	-0.63	2.289	218.94	0.016	SPLSR ≤ 0.04, Not required
	LTE Band 12	1.365	-0.66	10.24	-0.70	2.262	241.88	0.014	SPLSR ≤ 0.04, Not required
	LTE Band 13	1.317	-0.19	9.50	-0.44	2.214	234.41	0.014	SPLSR ≤ 0.04, Not required
	LTE Band 14	1.313	-0.19	9.50	-0.44	2.210	234.41	0.014	SPLSR ≤ 0.04, Not required
	LTE Band 17	1.353	-0.80	9.85	-6.89	2.250	247.09	0.014	SPLSR ≤ 0.04, Not required
	LTE Band 25	1.380	-0.17	7.90	-0.54	2.277	218.42	0.016	SPLSR ≤ 0.04, Not required
	LTE Band 26	1.320	-0.81	9.69	-0.70	2.217	236.41	0.014	SPLSR ≤ 0.04, Not required
	LTE Band 30	1.376	-0.72	7.98	-0.55	2.273	219.27	0.016	SPLSR ≤ 0.04, Not required
	LTE Band 38	1.213	-0.74	7.98	-0.47	2.110	219.27	0.014	SPLSR ≤ 0.04, Not required
	LTE Band 41	1.340	-0.84	7.96	-0.48	2.237	219.09	0.015	SPLSR ≤ 0.04, Not required
	LTE Band 66	1.369	-0.95	8.04	-0.67	2.266	219.95	0.016	SPLSR ≤ 0.04, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

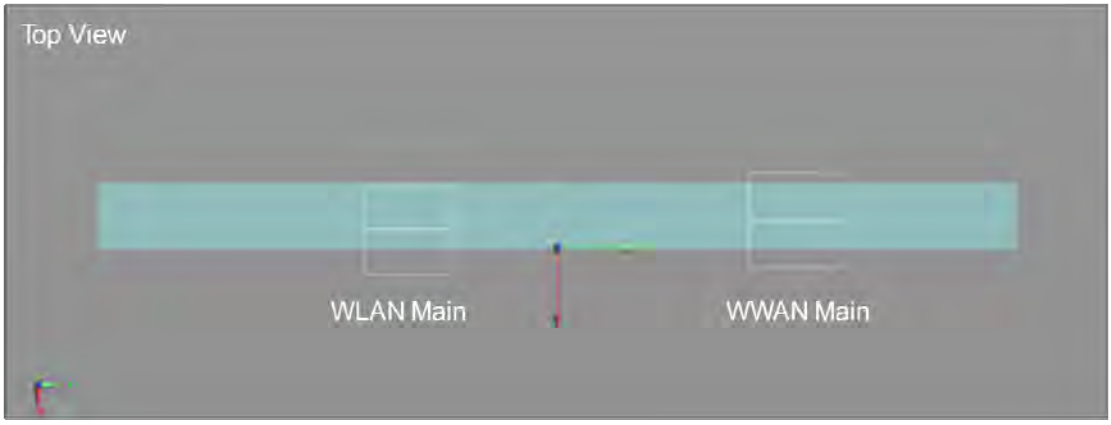
Top side WWAN + BT

Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			ΣSAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top side	Bluetooth	0.153	-0.32	-14.06	-0.23	-	-	-	-
	WCDMA Band 2	1.409	-0.95	8.00	-0.68	1.562	220.74	0.009	SPLSR ≤ 0.04, Not required
	WCDMA Band 4	1.372	-0.80	8.00	-0.68	1.525	220.70	0.009	SPLSR ≤ 0.04, Not required
	WCDMA Band 5	1.413	-0.81	9.69	-0.70	1.566	237.60	0.008	SPLSR ≤ 0.04, Not required
	LTE Band 2	1.360	-0.95	8.00	-0.69	1.513	220.74	0.008	SPLSR ≤ 0.04, Not required
	LTE Band 4	1.333	-0.95	8.04	-0.67	1.486	221.13	0.008	SPLSR ≤ 0.04, Not required
	LTE Band 5	1.437	-0.66	9.84	-0.70	1.590	239.07	0.008	SPLSR ≤ 0.04, Not required
	LTE Band 7	1.392	-0.94	7.94	-0.63	1.545	220.12	0.009	SPLSR ≤ 0.04, Not required
	LTE Band 12	1.365	-0.66	10.24	-0.70	1.518	243.07	0.008	SPLSR ≤ 0.04, Not required
	LTE Band 13	1.317	-0.19	9.50	-0.44	1.470	235.61	0.008	SPLSR ≤ 0.04, Not required
	LTE Band 14	1.313	-0.19	9.50	-0.44	1.466	235.61	0.008	SPLSR ≤ 0.04, Not required
	LTE Band 17	1.353	-0.80	9.85	-6.89	1.506	248.26	0.007	SPLSR ≤ 0.04, Not required
	LTE Band 25	1.380	-0.17	7.90	-0.54	1.533	219.63	0.009	SPLSR ≤ 0.04, Not required
	LTE Band 26	1.320	-0.81	9.69	-0.70	1.473	237.60	0.008	SPLSR ≤ 0.04, Not required
	LTE Band 30	1.376	-0.72	7.98	-0.55	1.529	220.46	0.009	SPLSR ≤ 0.04, Not required
	LTE Band 38	1.213	-0.74	7.98	-0.47	1.366	220.45	0.007	SPLSR ≤ 0.04, Not required
	LTE Band 41	1.340	-0.84	7.96	-0.48	1.493	220.28	0.008	SPLSR ≤ 0.04, Not required
	LTE Band 66	1.369	-0.95	8.04	-0.67	1.522	221.13	0.008	SPLSR ≤ 0.04, Not required

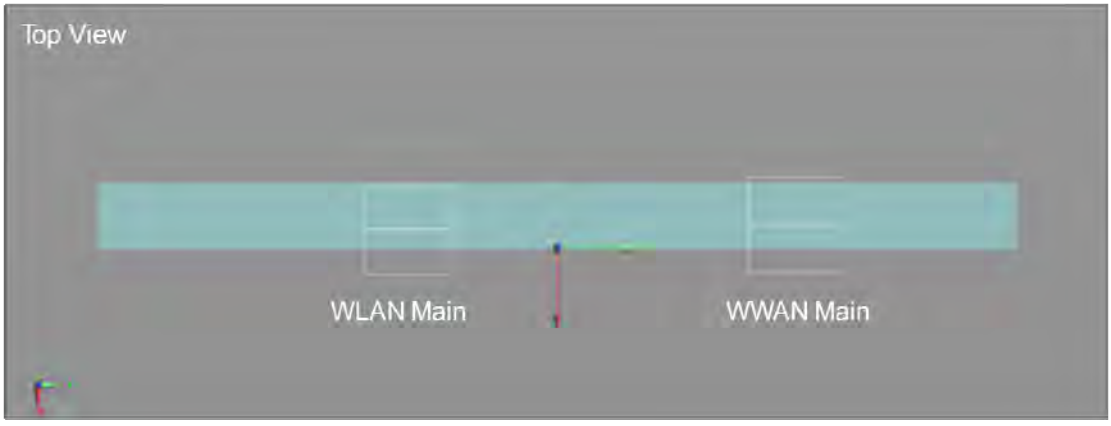
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top_2.4G_Main→WWAN

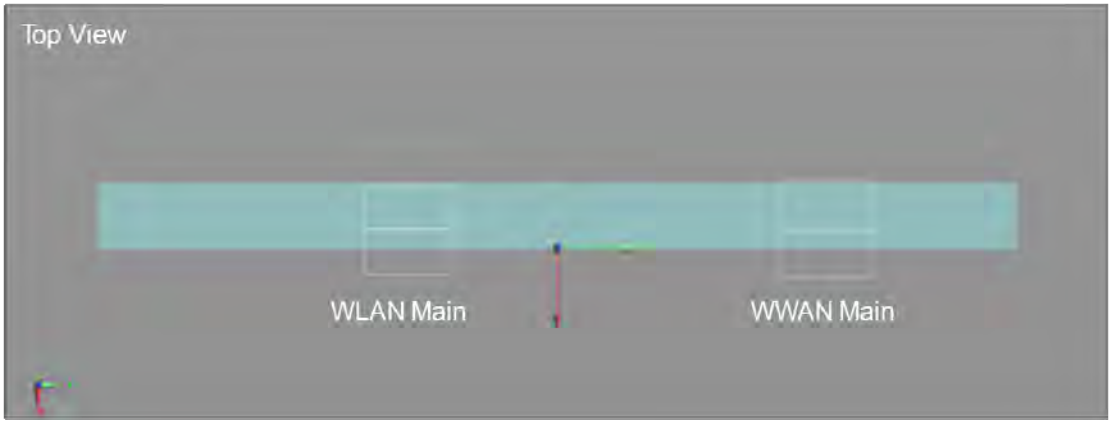
WCDMA Band 2



WCDMA Band 4

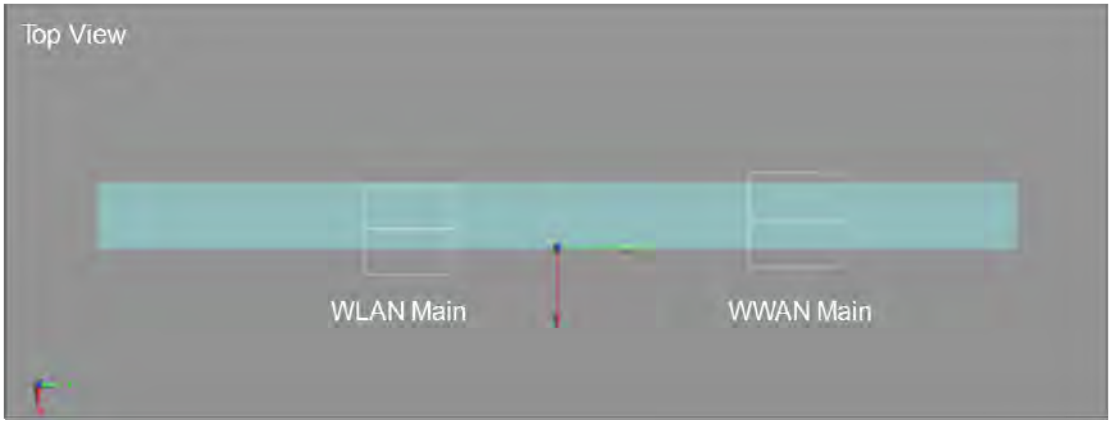


WCDMA Band 5

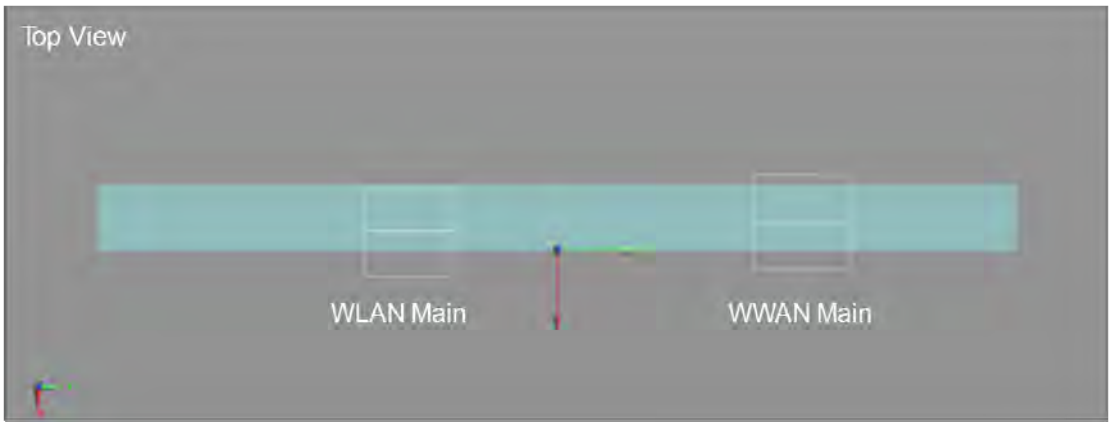


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

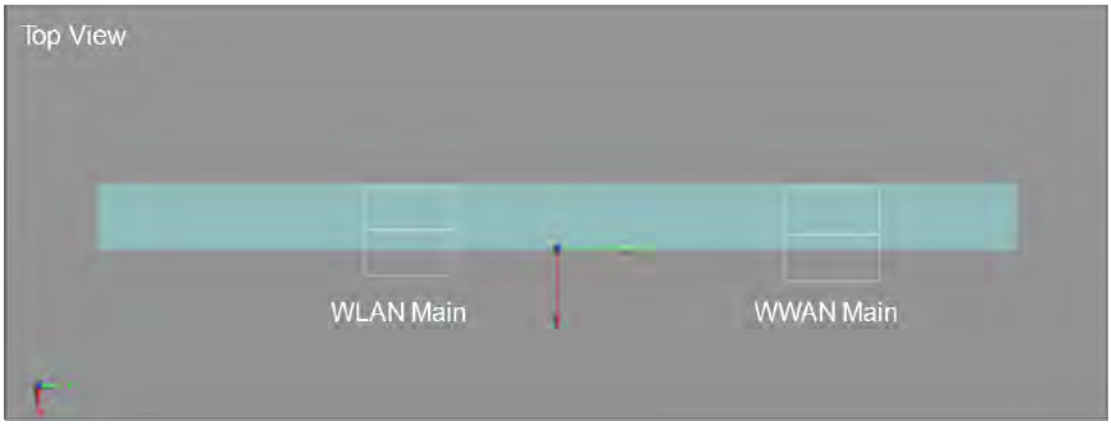
LTE Band 2



LTE Band 4

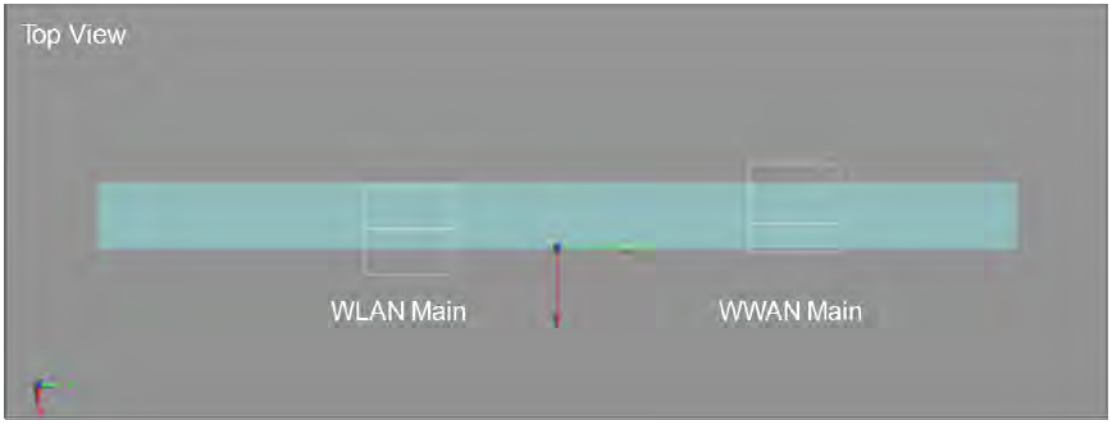


LTE Band 5

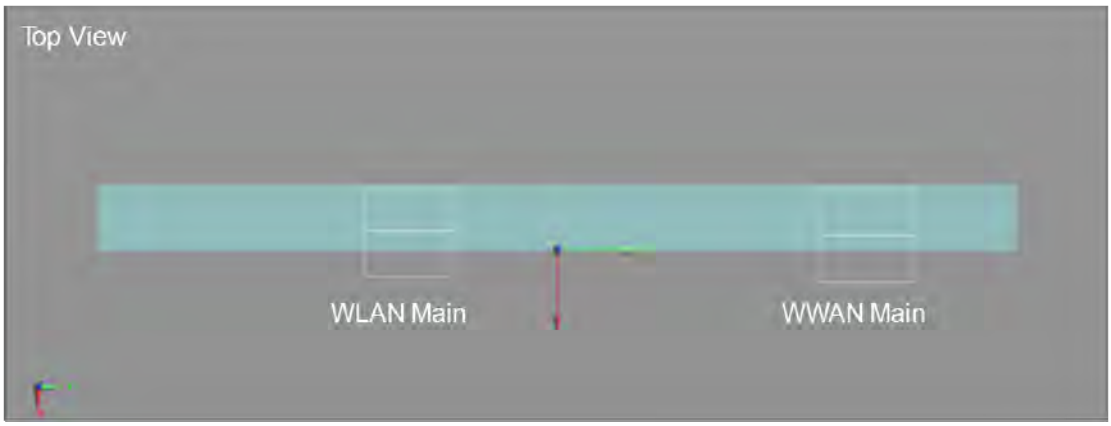


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

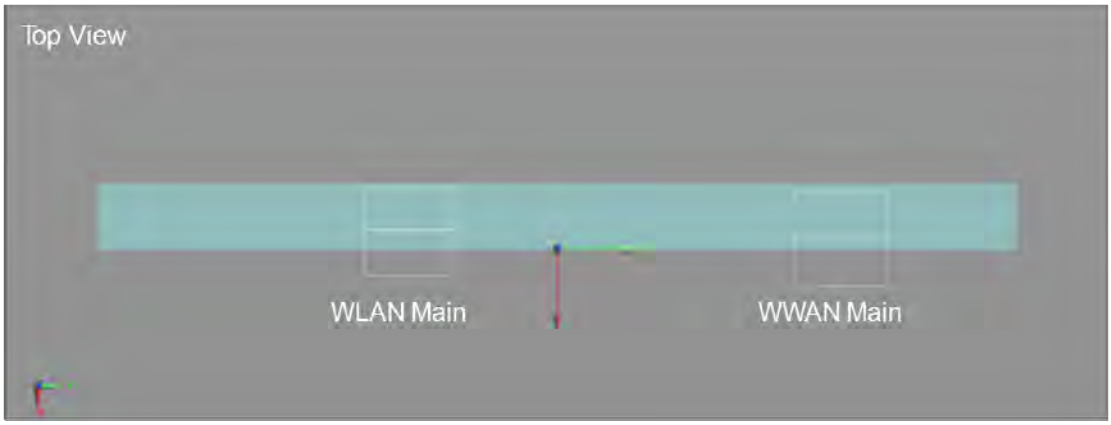
LTE Band 7



LTE Band 12

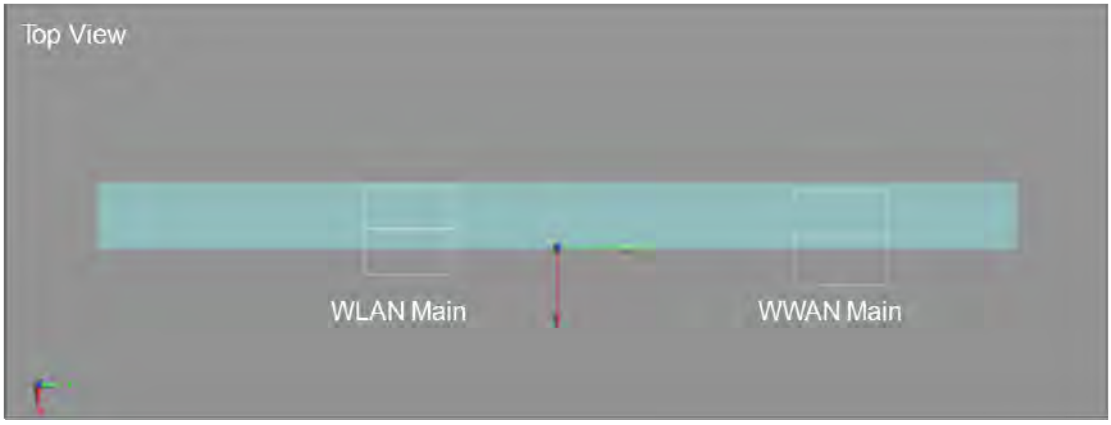


LTE Band 13

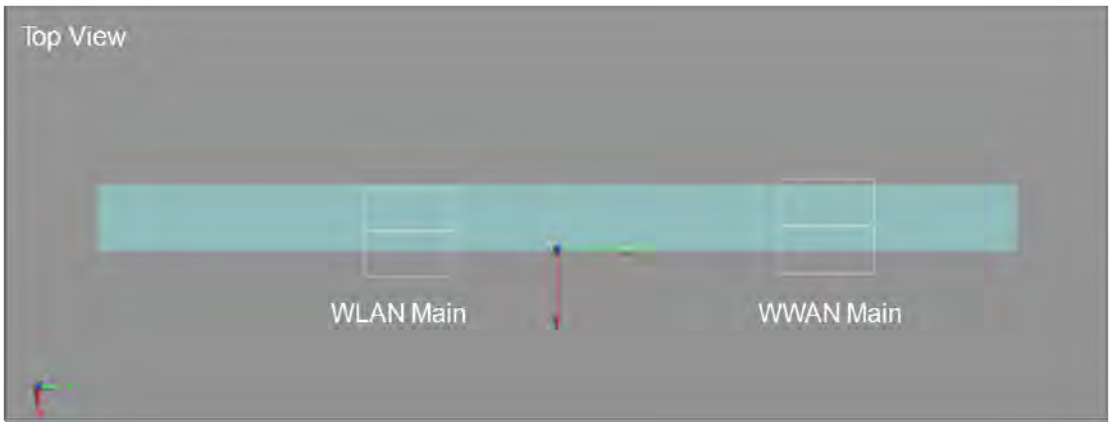


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

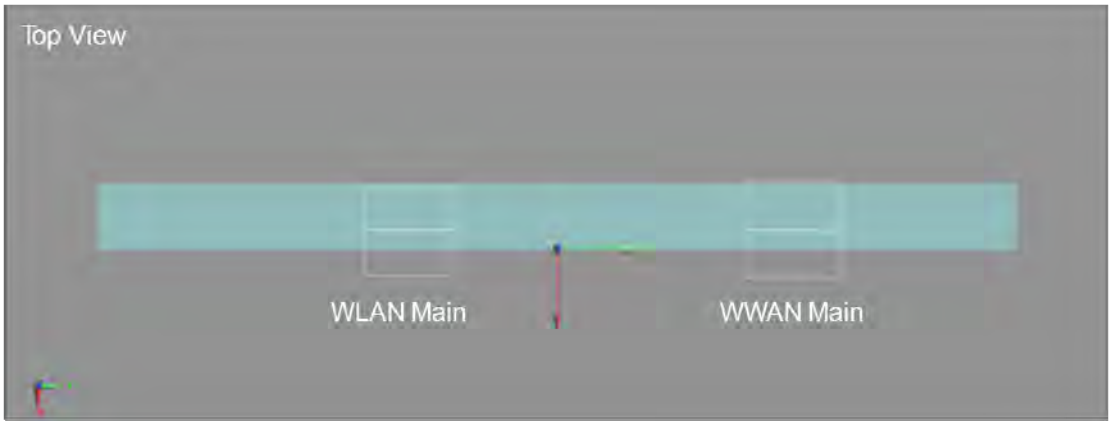
LTE Band 14



LTE Band 17

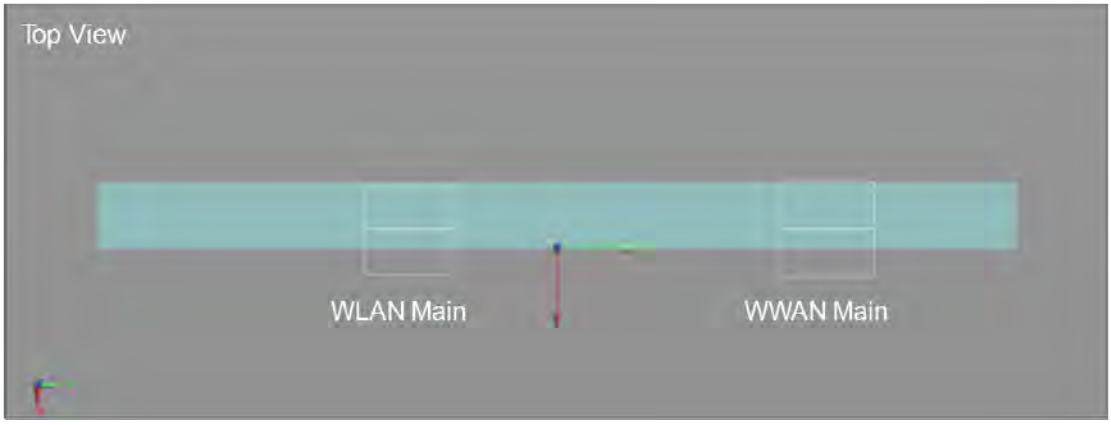


LTE Band 25

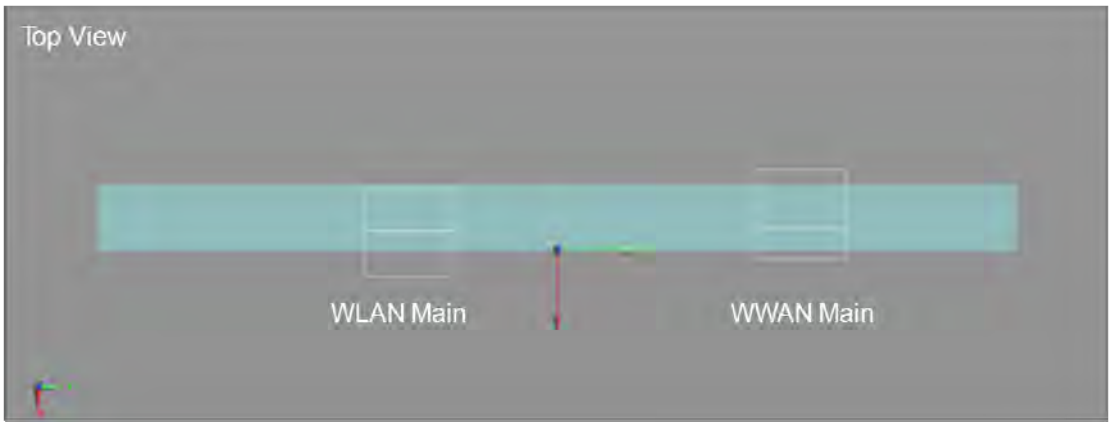


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

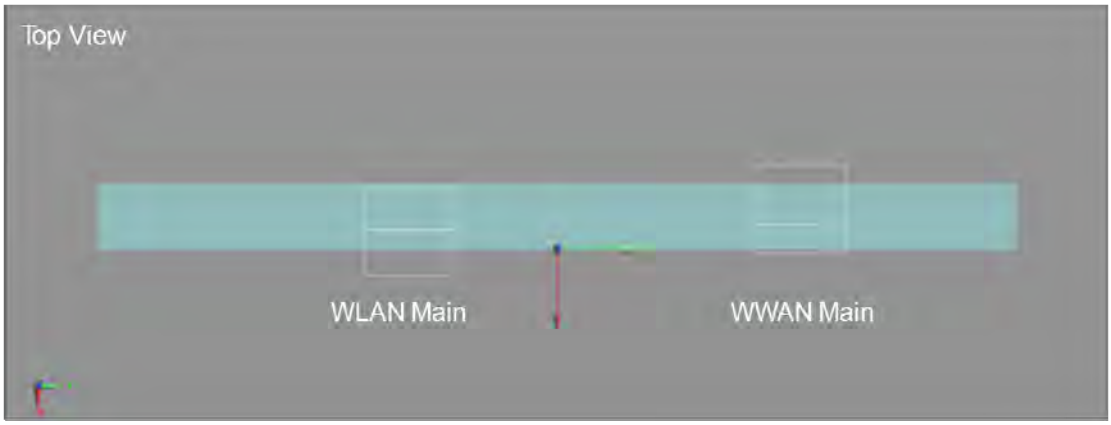
LTE Band 26



LTE Band 30

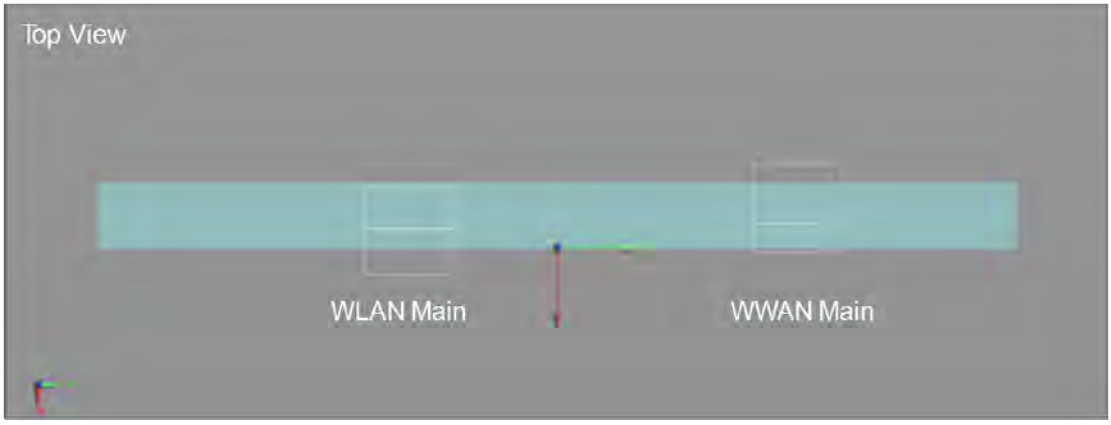


LTE Band 38

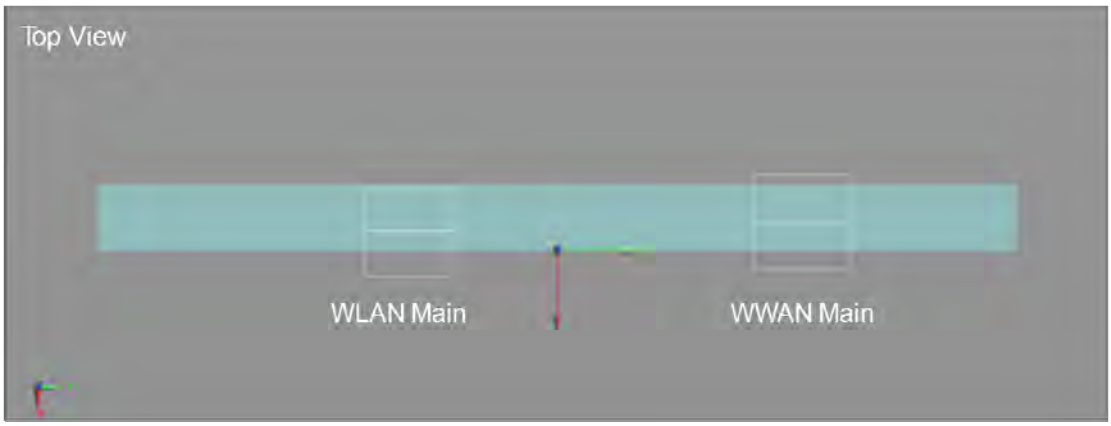


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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



LTE Band 66



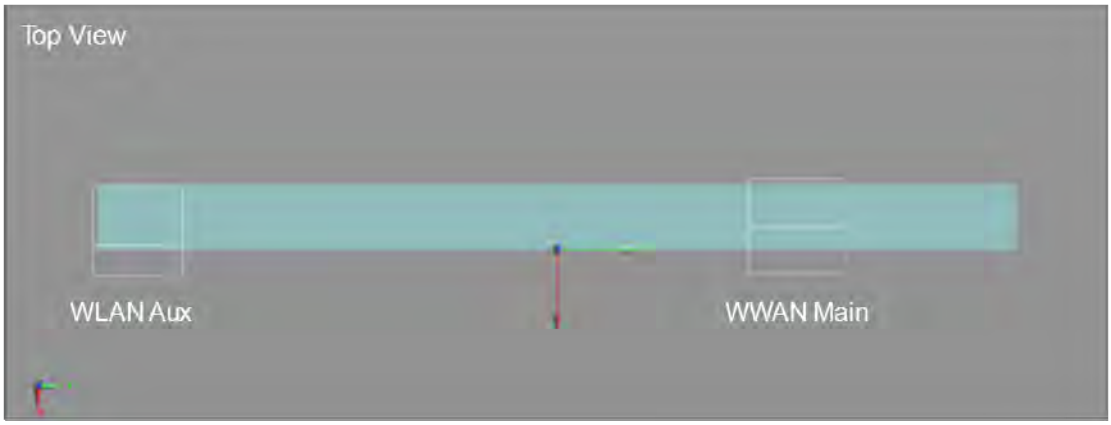
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top_2.4G_Aux→WWAN

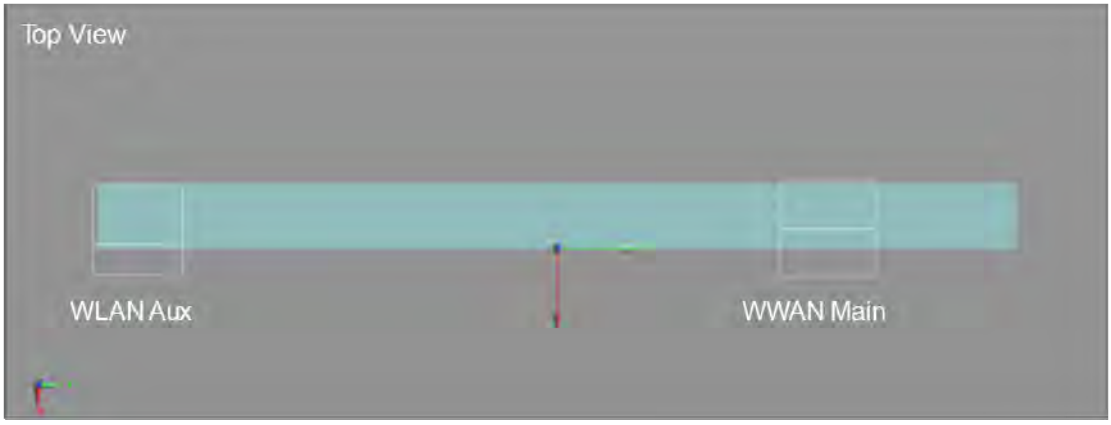
WCDMA Band 2



WCDMA Band 4



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

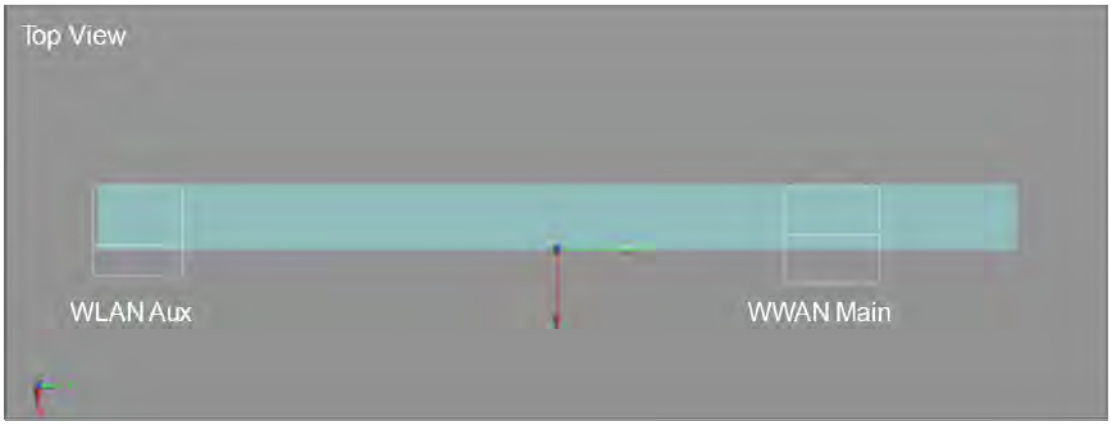
LTE Band 2



LTE Band 4



LTE Band 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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



LTE Band 12



LTE Band 13

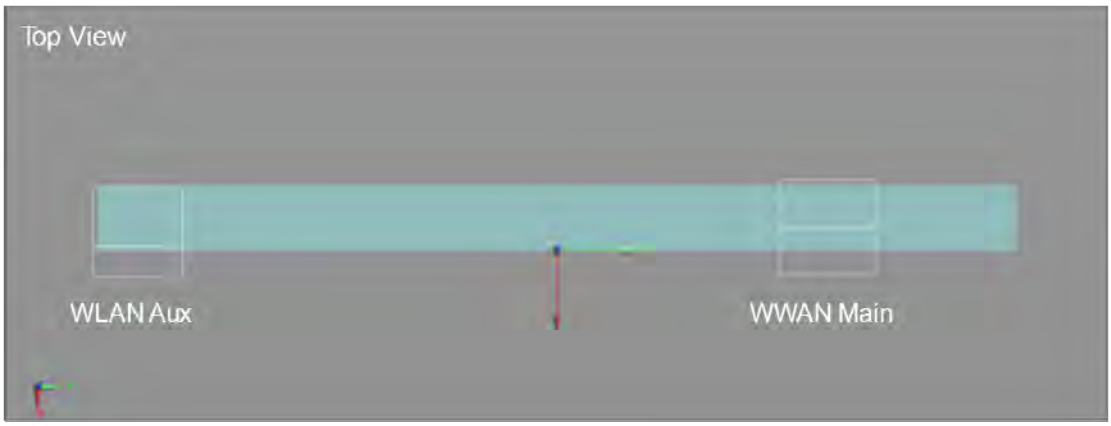


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 14



LTE Band 17

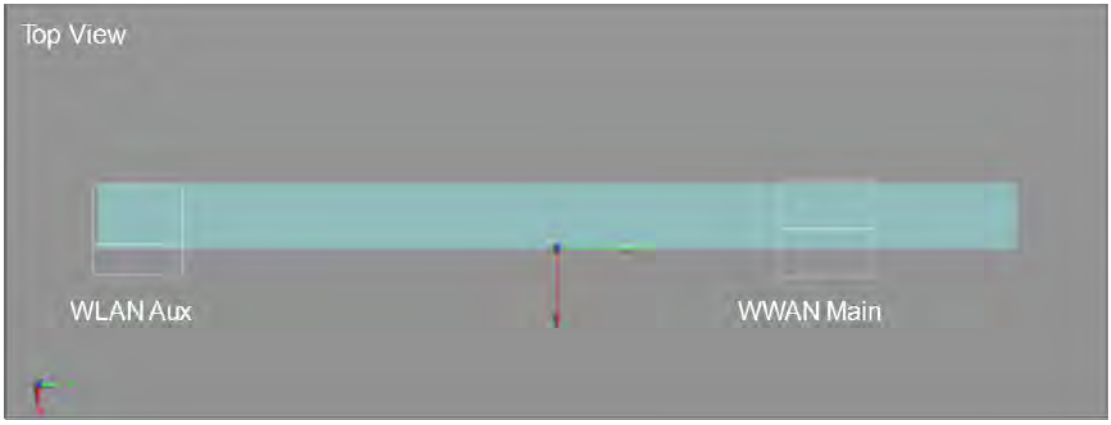


LTE Band 25



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 26



LTE Band 30



LTE Band 38



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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



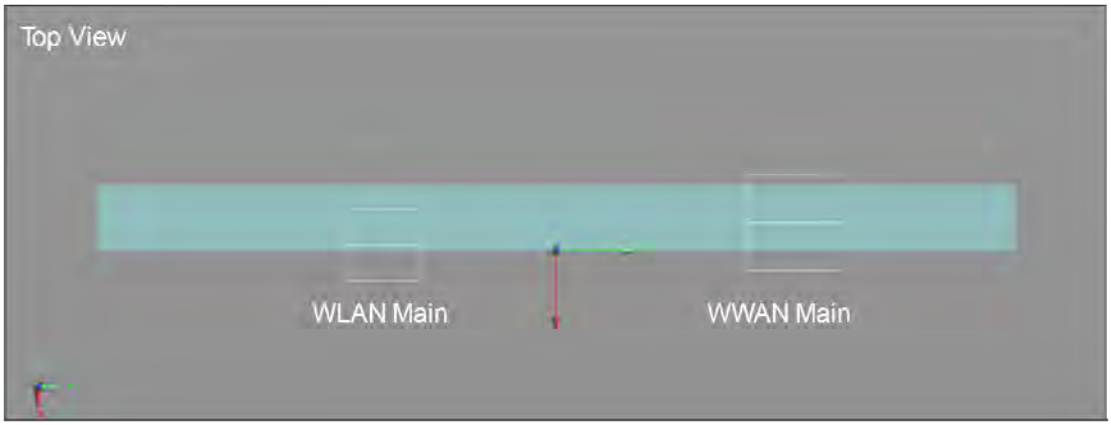
LTE Band 66



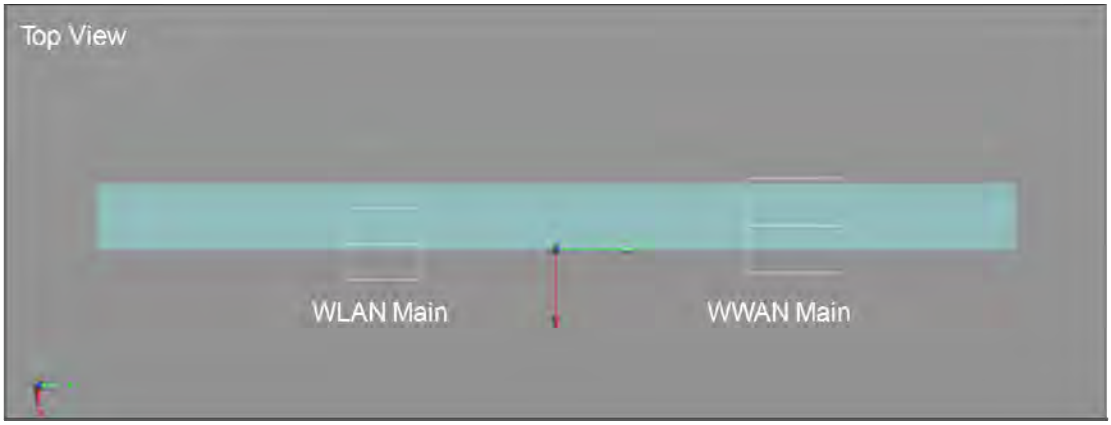
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top_5G_Main→WWAN

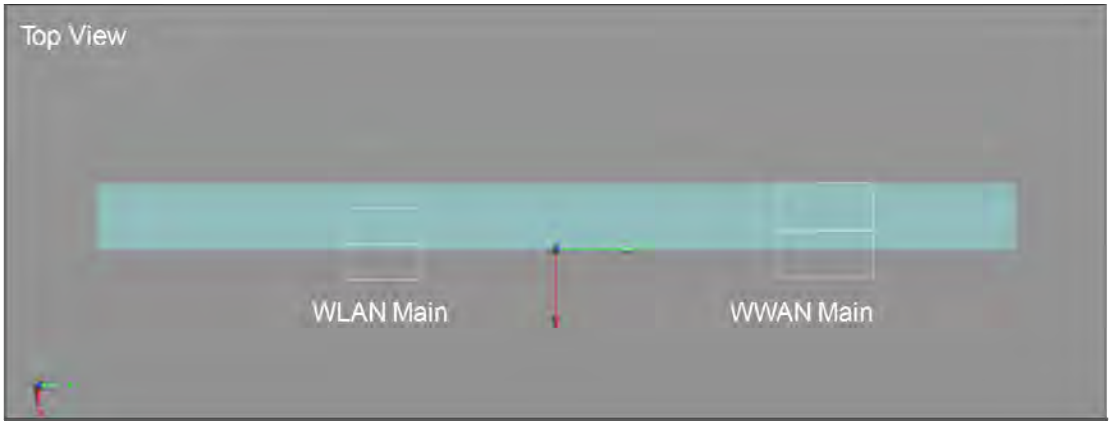
WCDMA Band 2



WCDMA Band 4

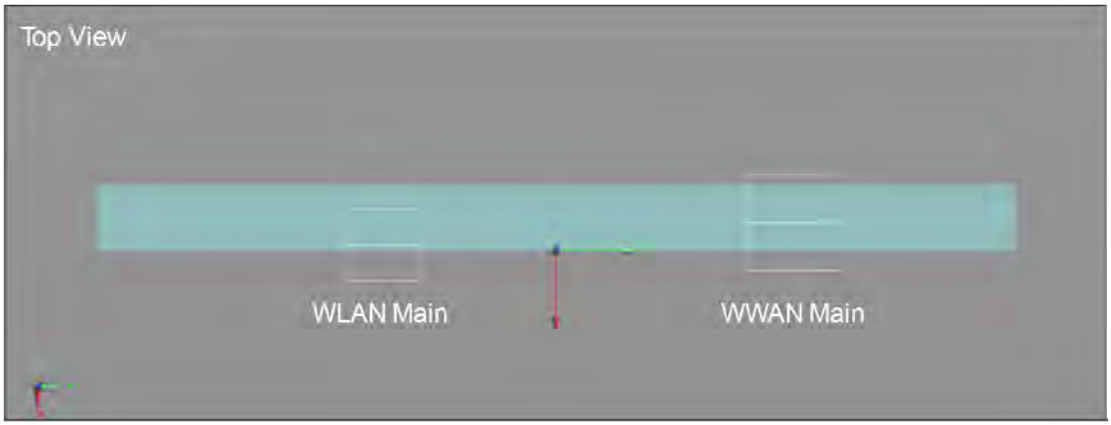


WCDMA Band 5

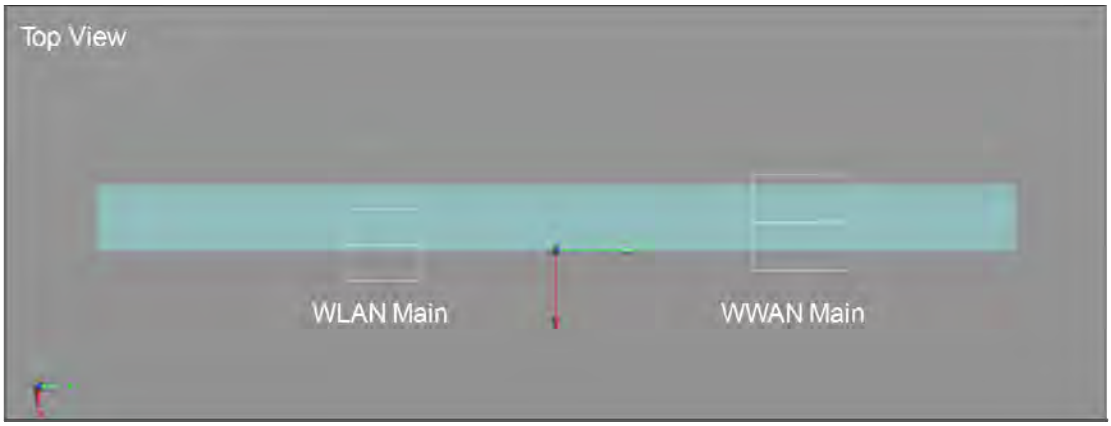


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

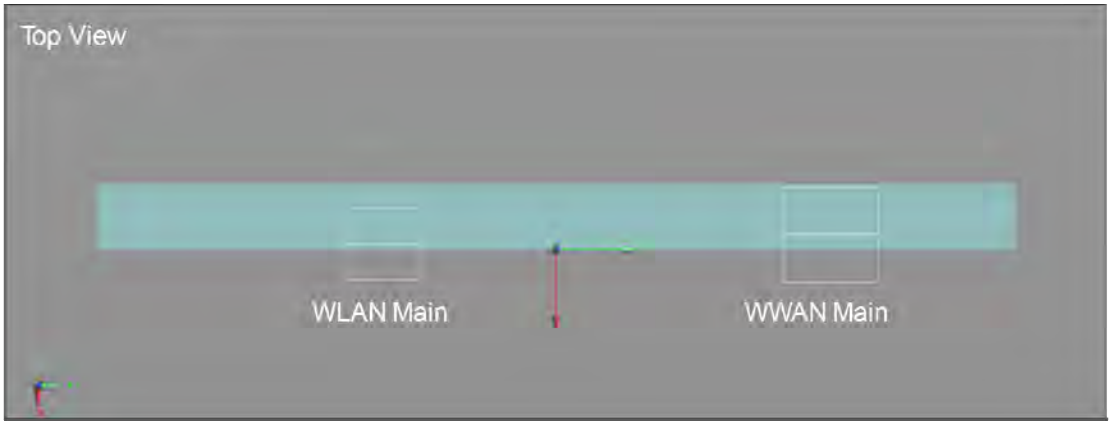
LTE Band 2



LTE Band 4

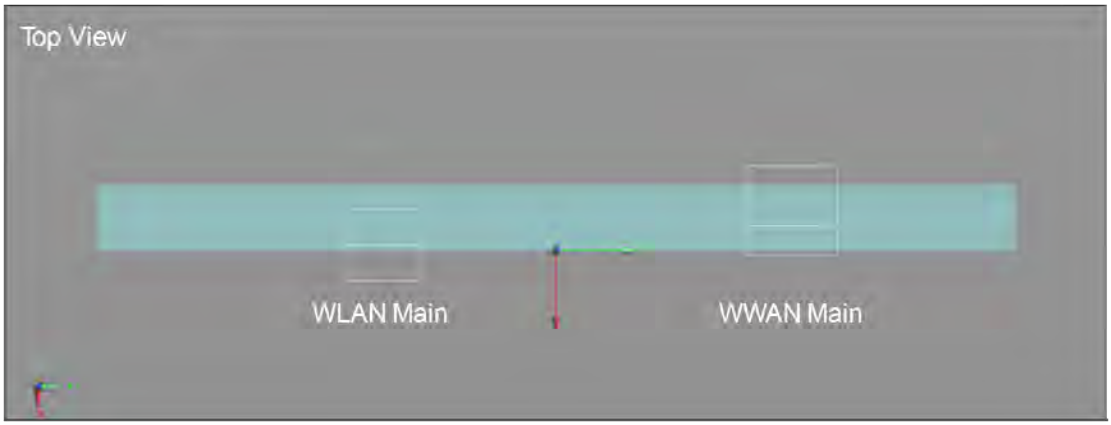


LTE Band 5

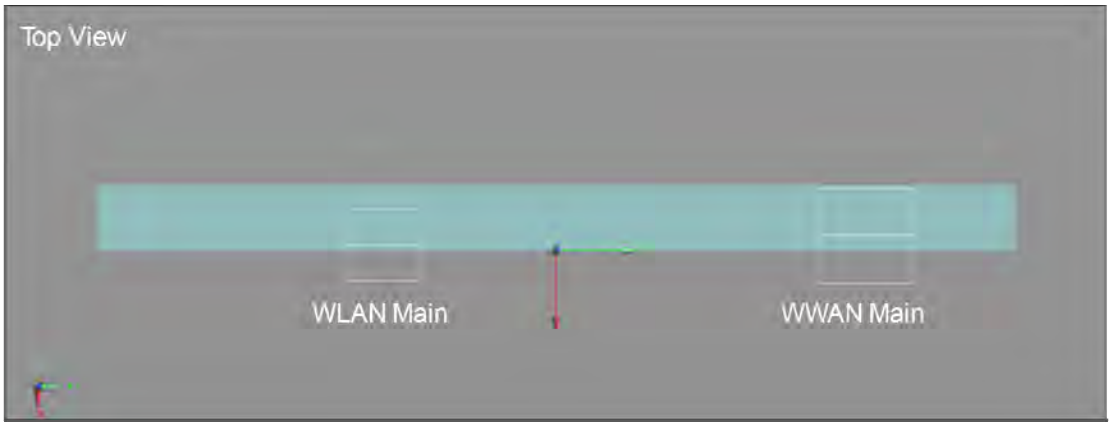


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

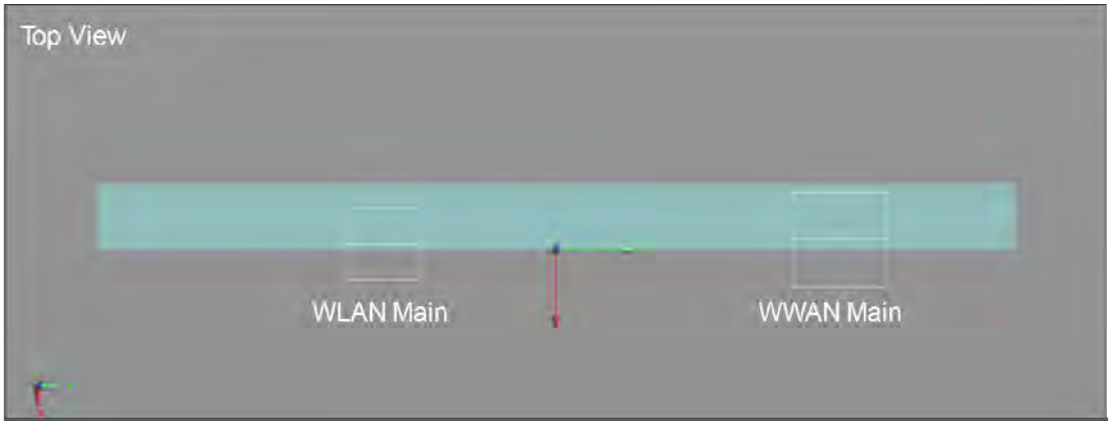
LTE Band 7



LTE Band 12

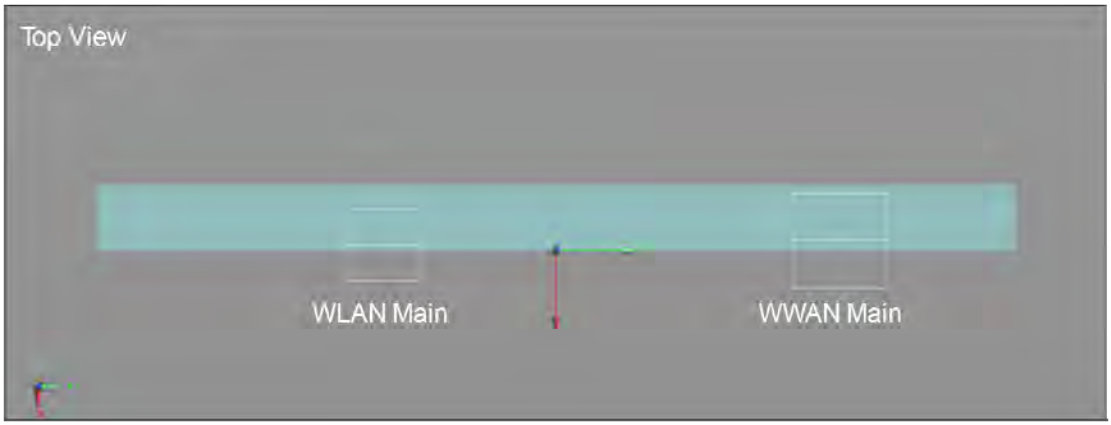


LTE Band 13

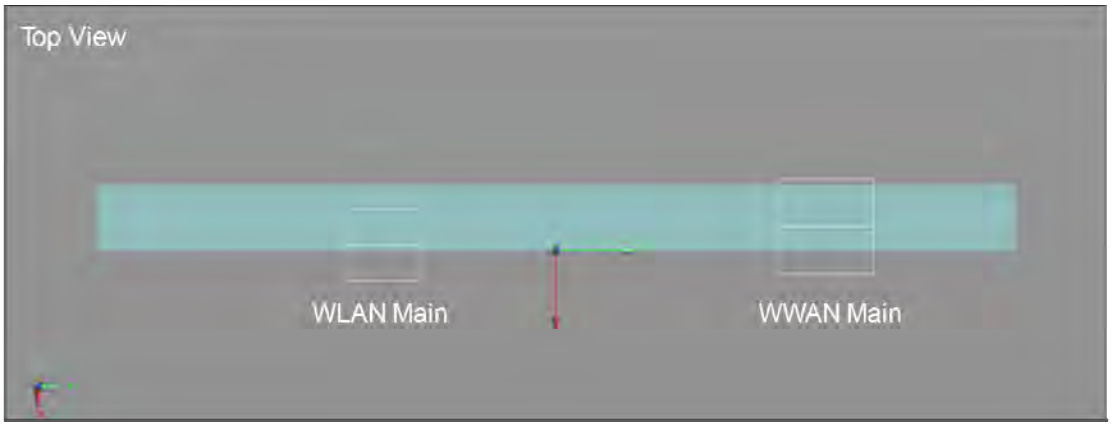


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

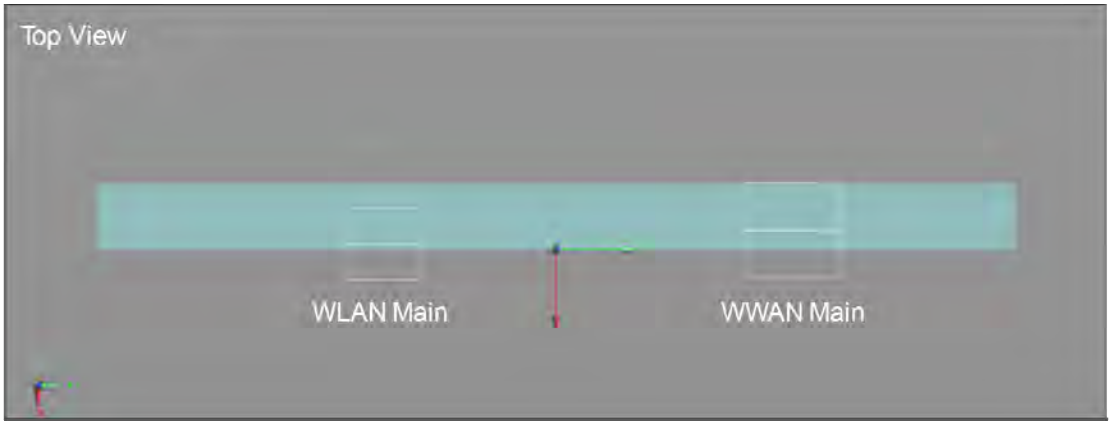
LTE Band 14



LTE Band 17

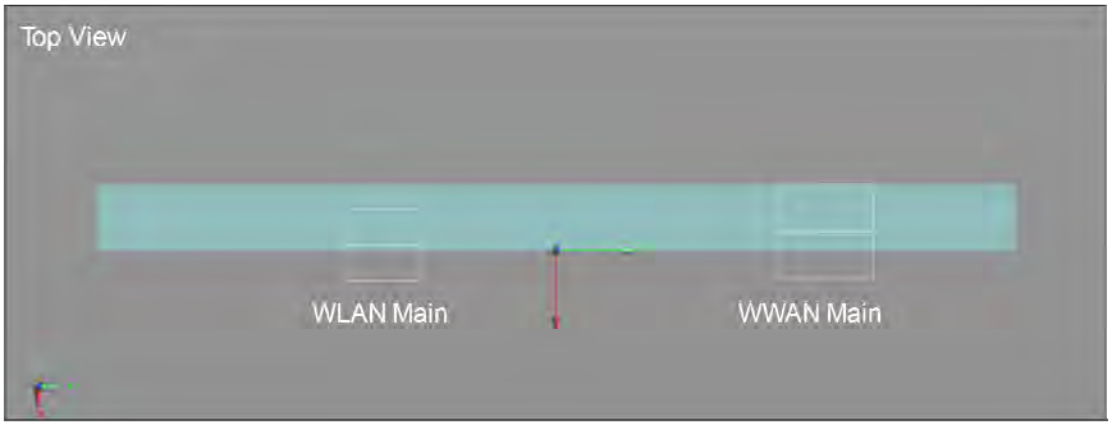


LTE Band 25

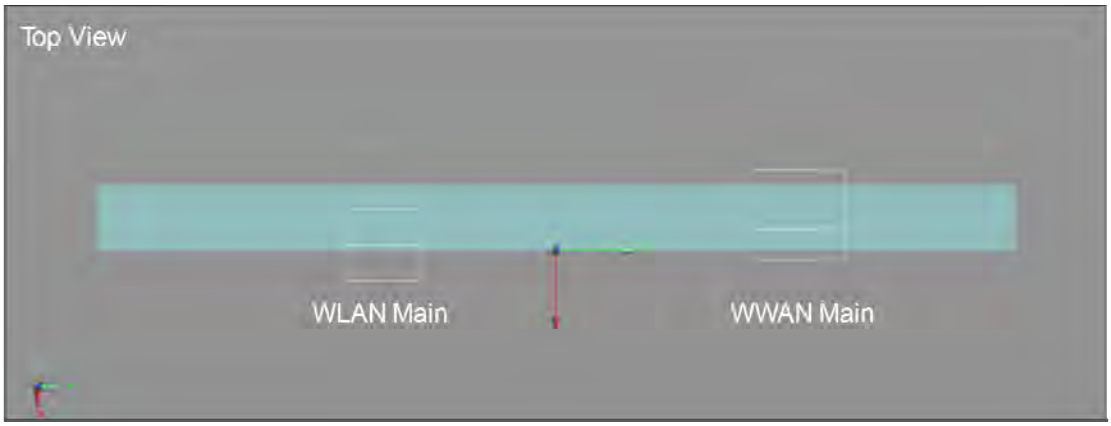


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

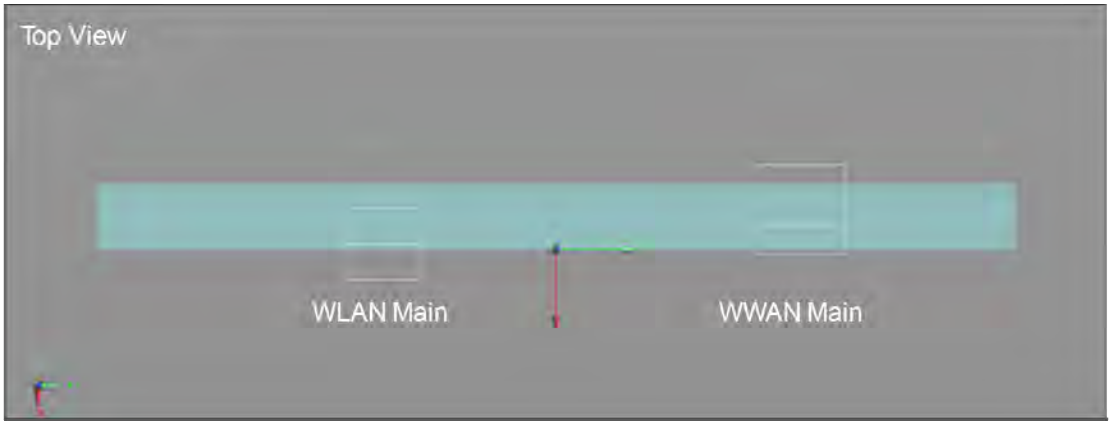
LTE Band 26



LTE Band 30

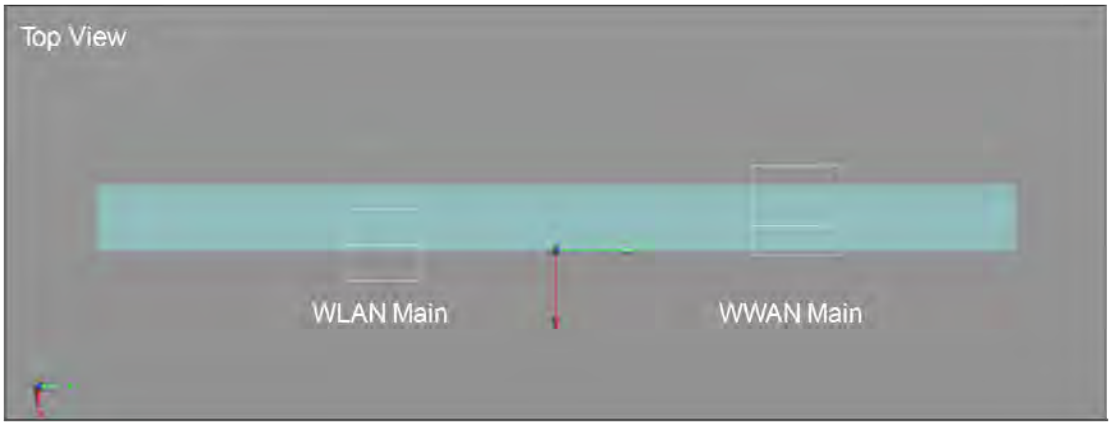


LTE Band 38

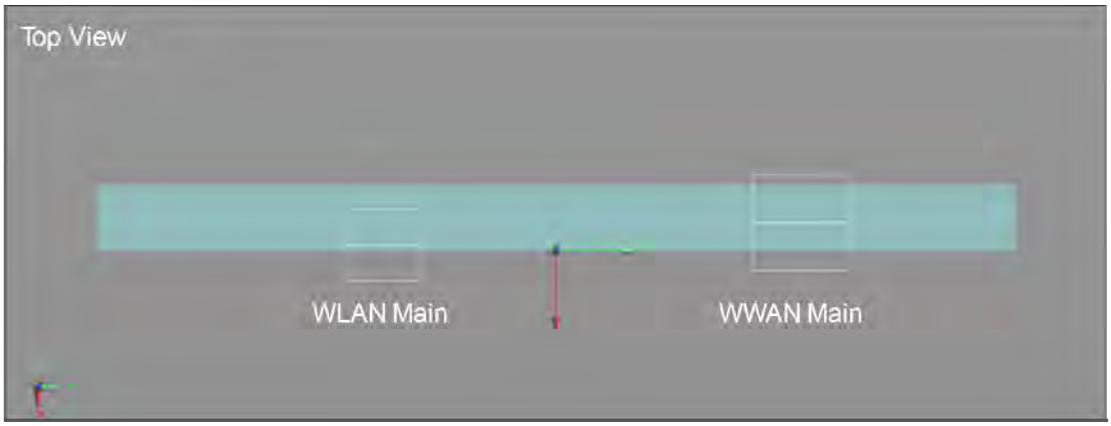


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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



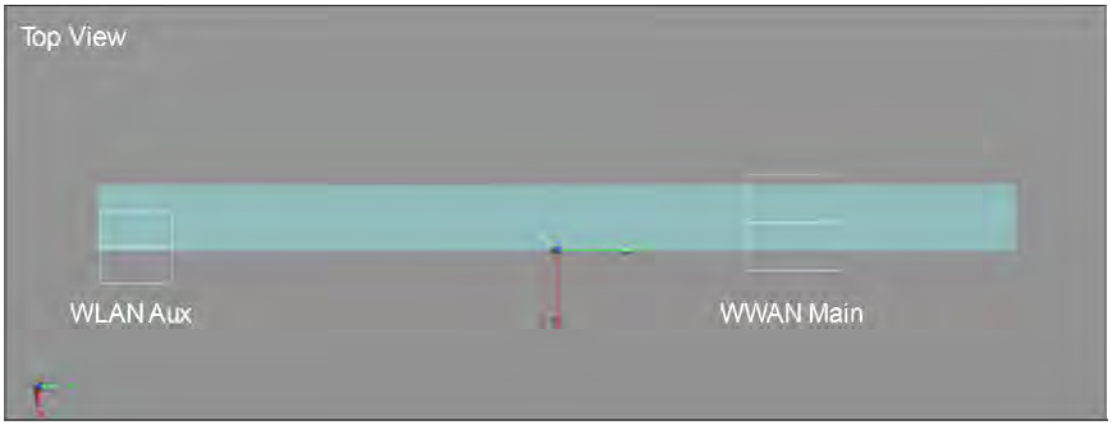
LTE Band 66



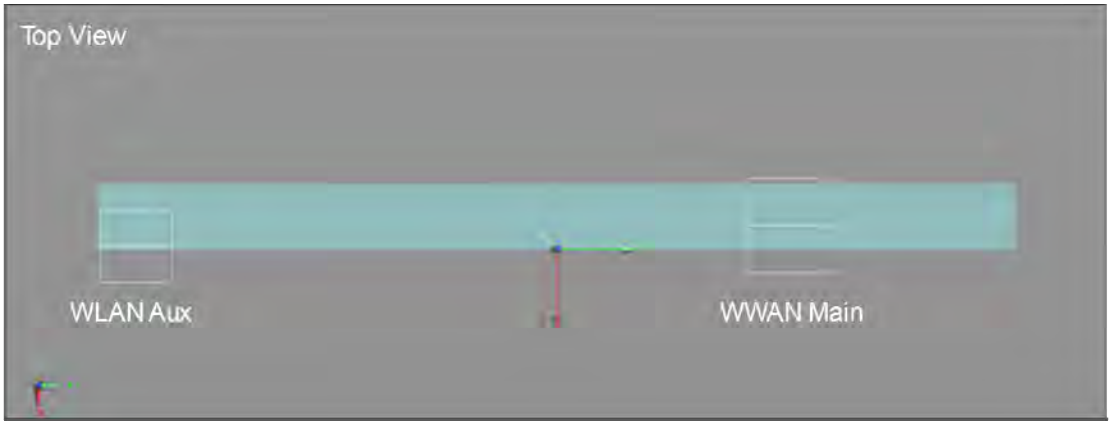
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top_5G_Aux→WWAN

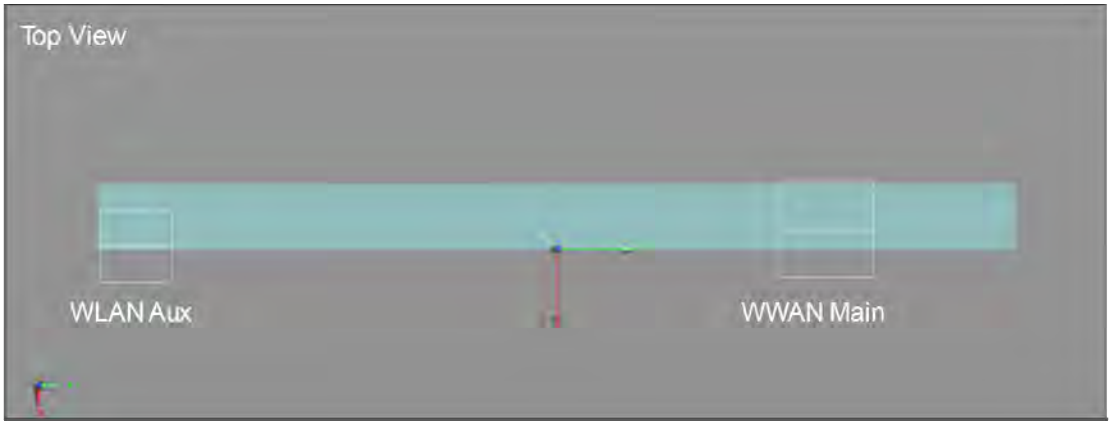
WCDMA Band 2



WCDMA Band 4

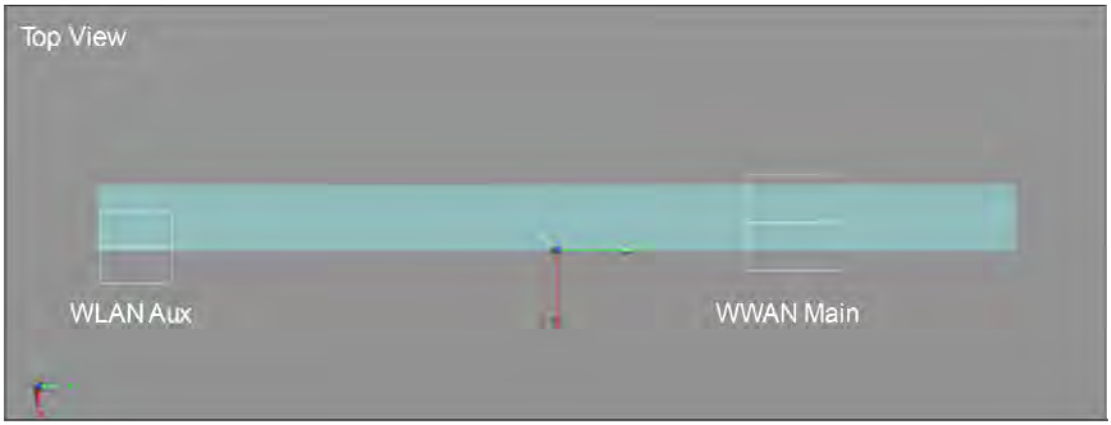


WCDMA Band 5

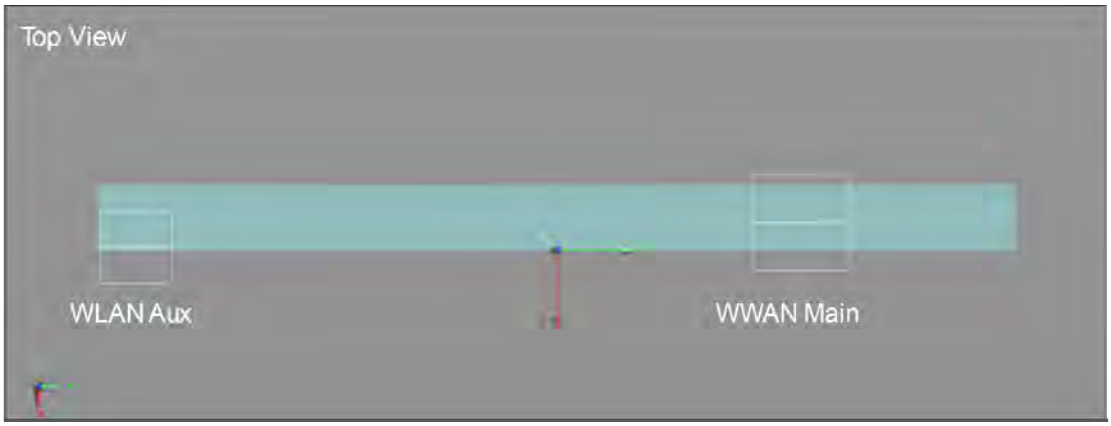


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

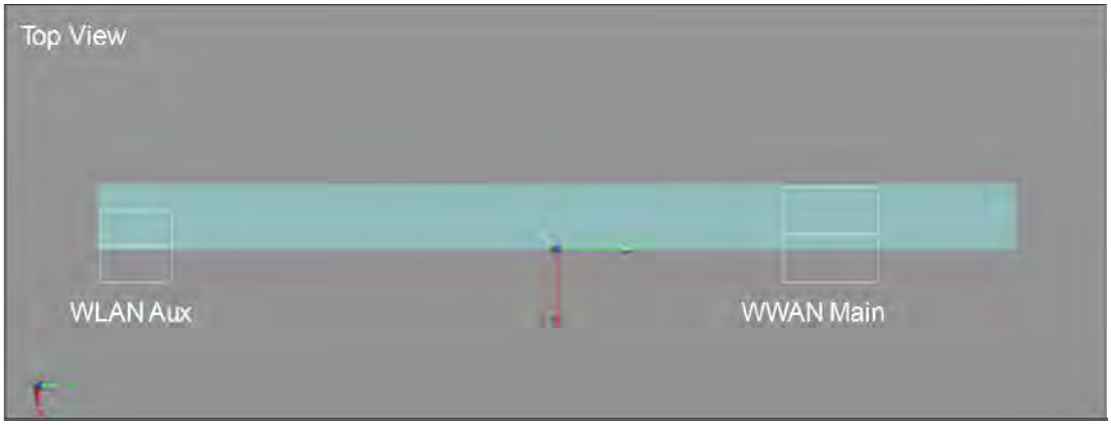
LTE Band 2



LTE Band 4

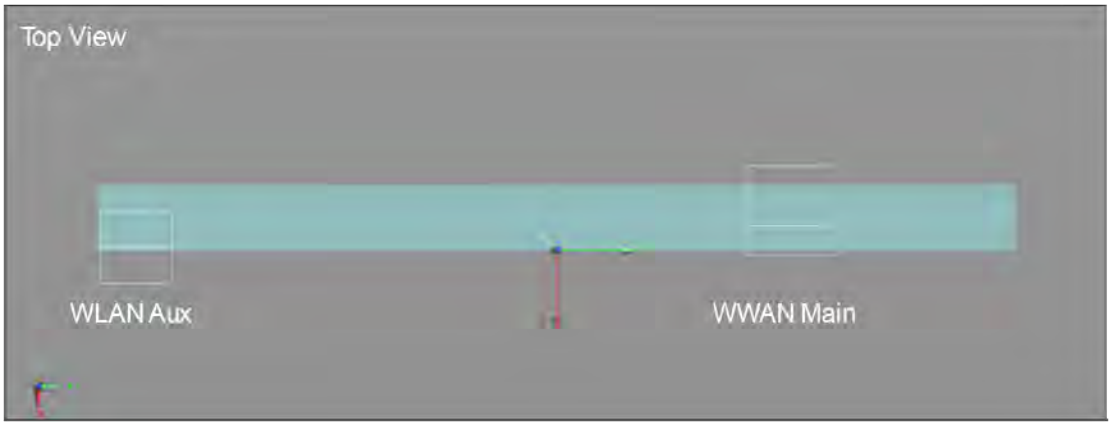


LTE Band 5

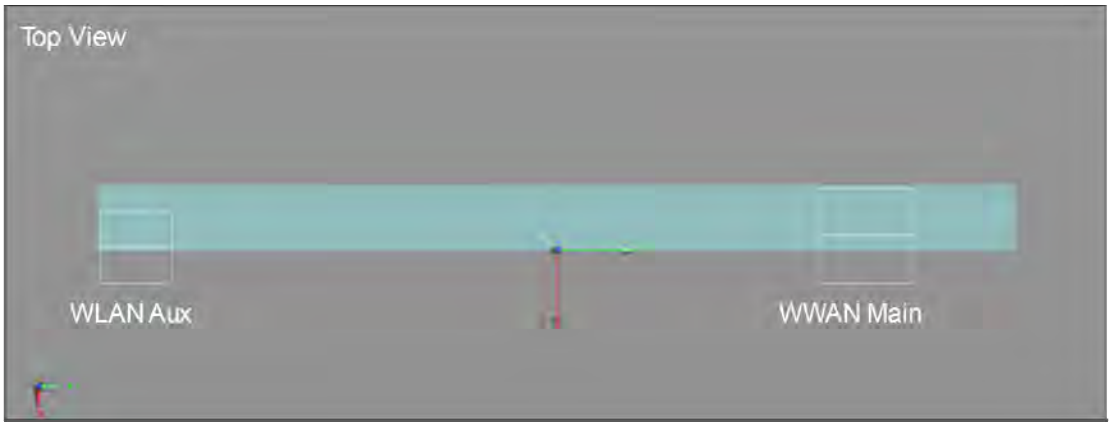


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

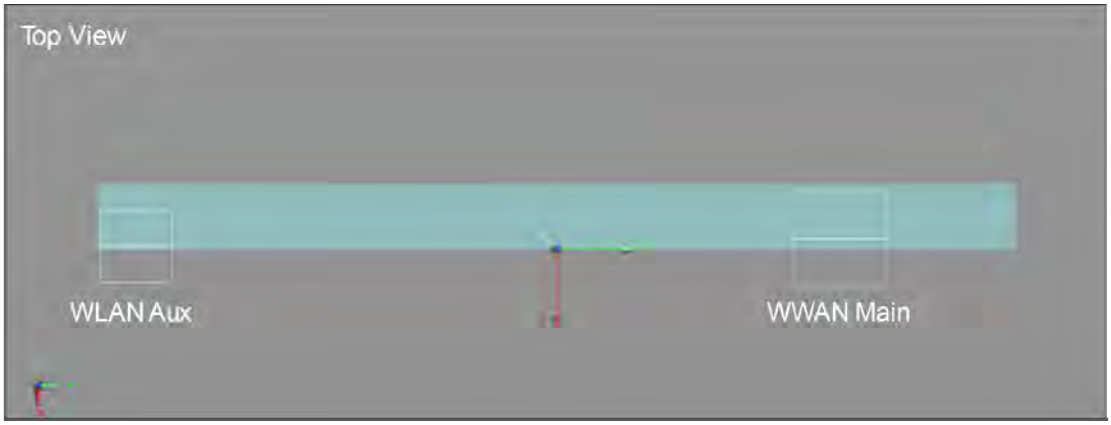
LTE Band 7



LTE Band 12

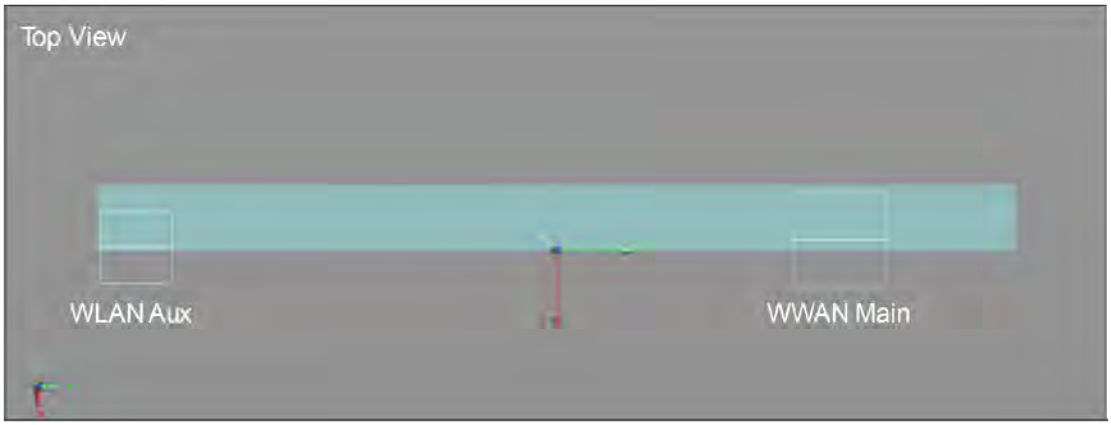


LTE Band 13

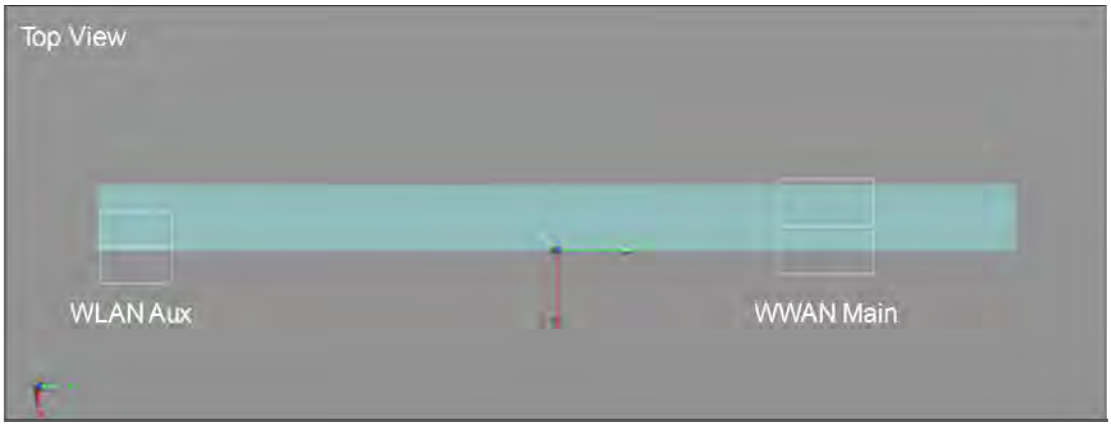


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

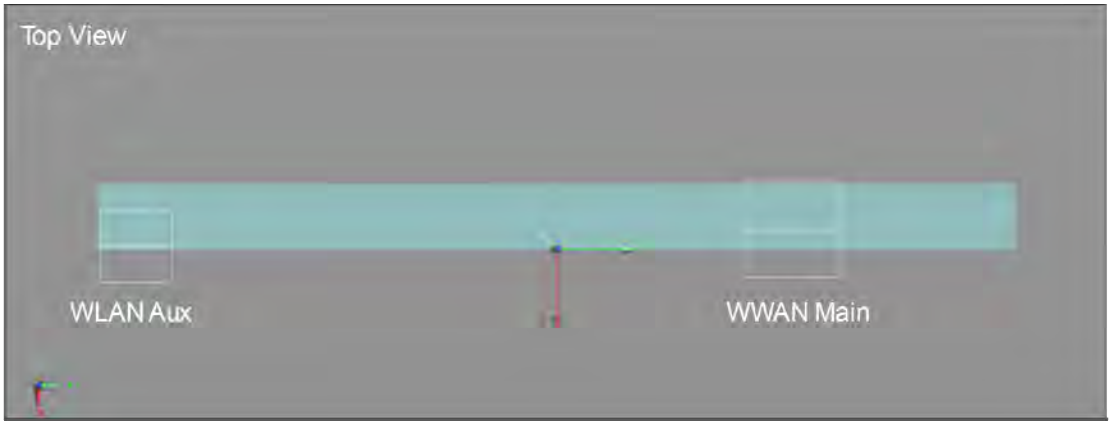
LTE Band 14



LTE Band 17

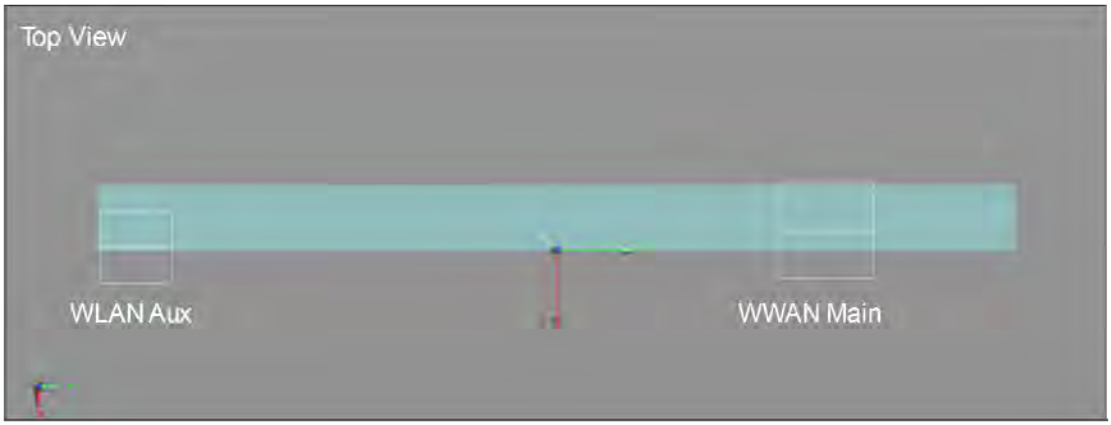


LTE Band 25

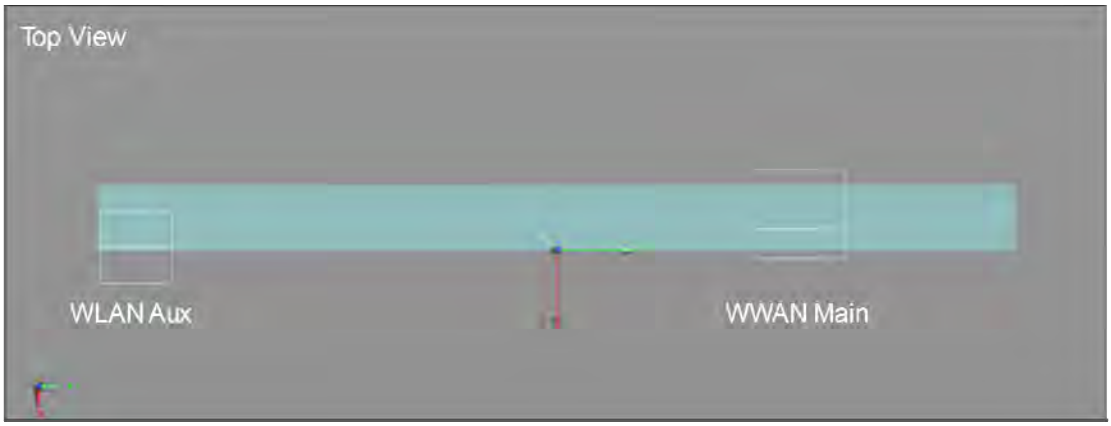


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

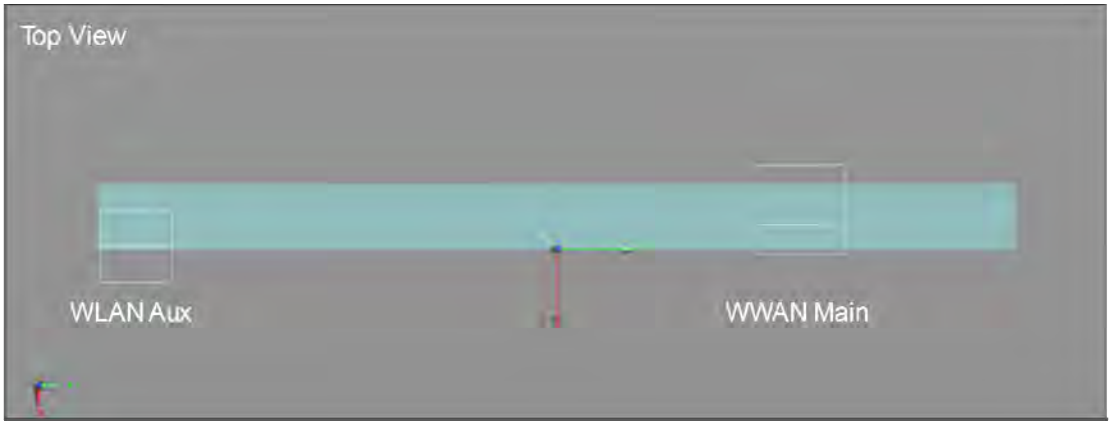
LTE Band 26



LTE Band 30

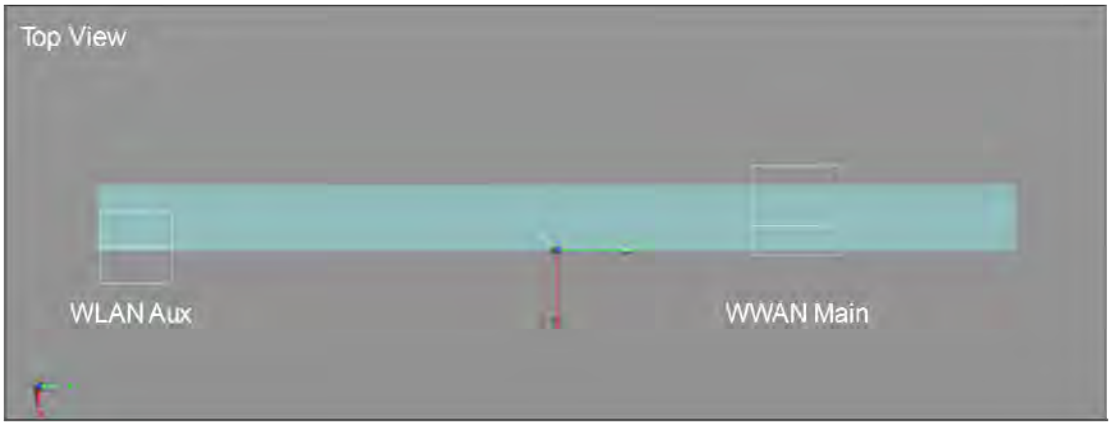


LTE Band 38

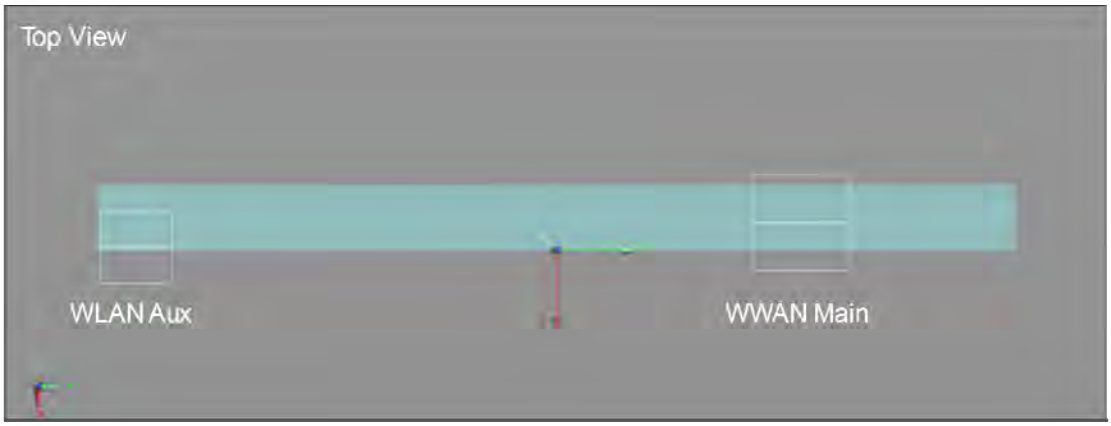


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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



LTE Band 66



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top_BT→WWAN

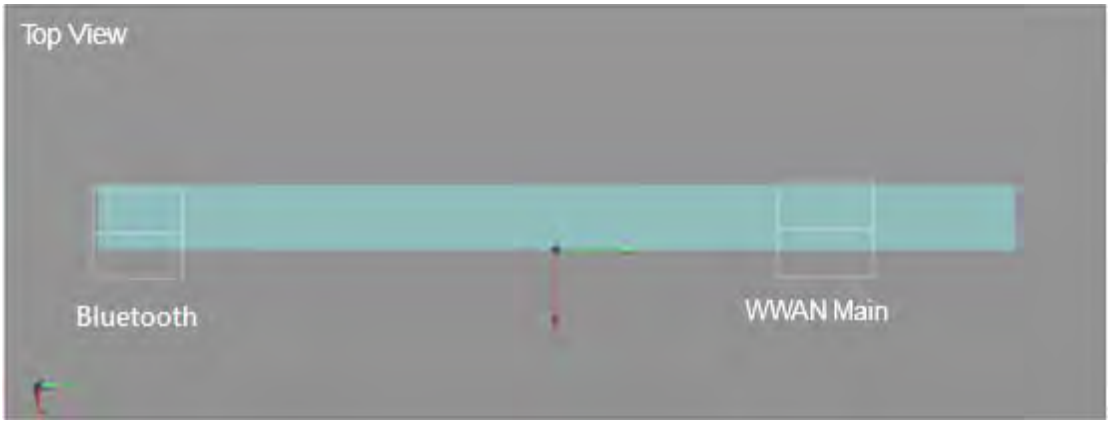
WCDMA Band 2



WCDMA Band 4



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

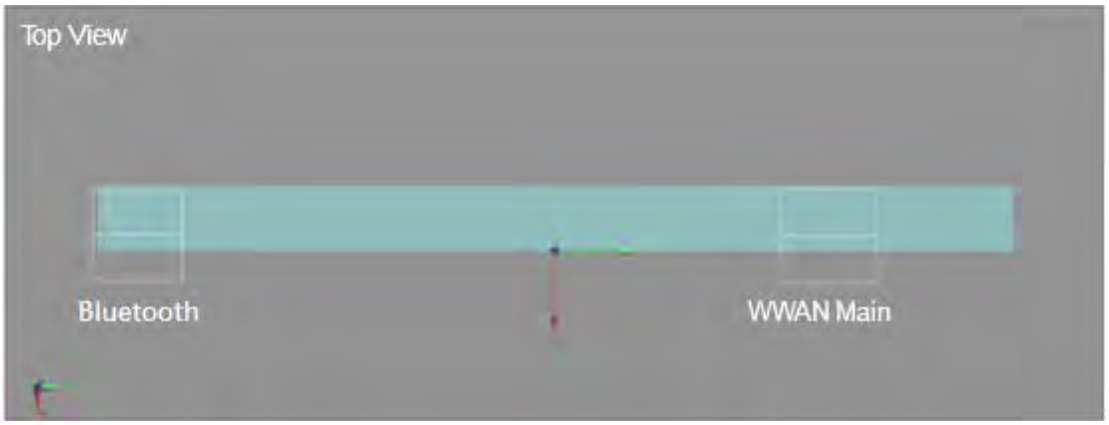
LTE Band 2



LTE Band 4

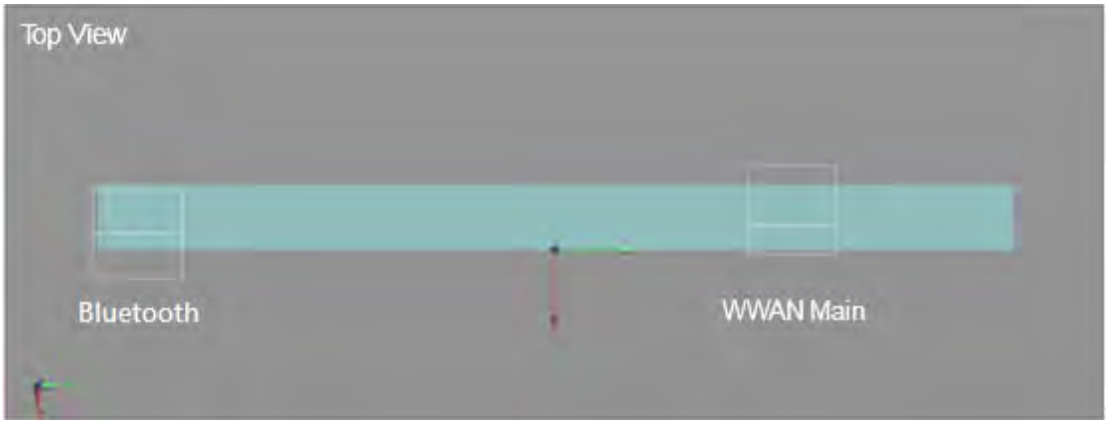


LTE Band 5



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

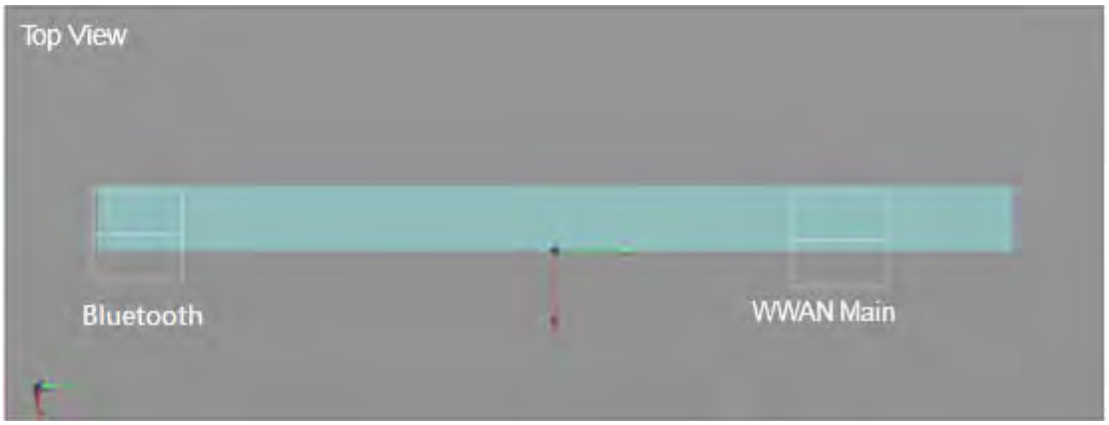
LTE Band 7



LTE Band 12



LTE Band 13

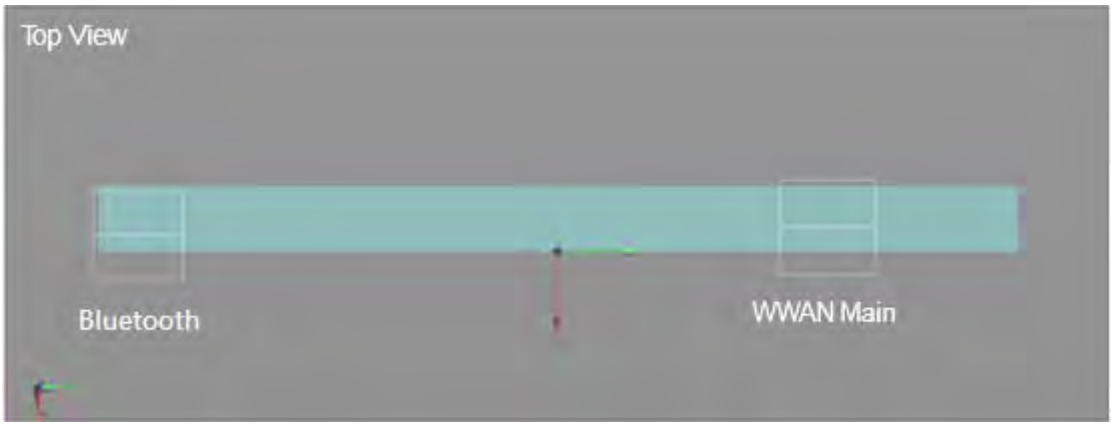


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 14



LTE Band 17

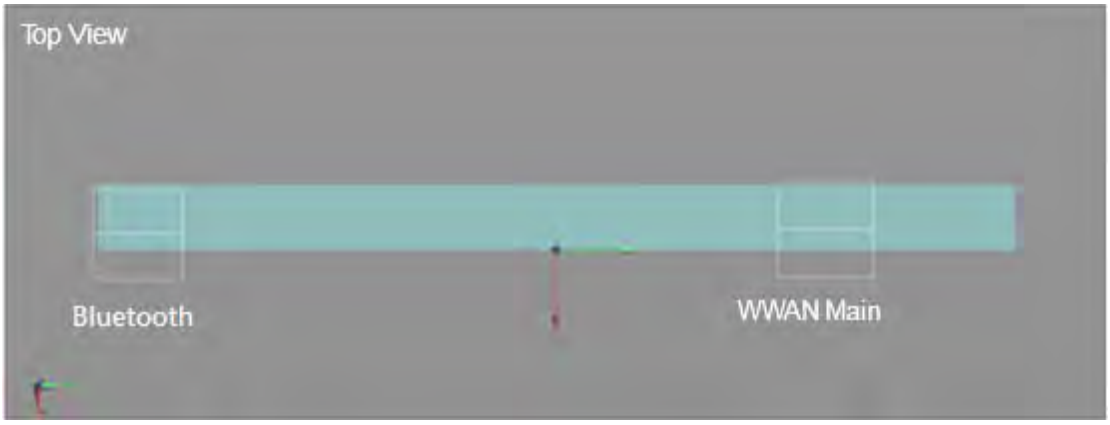


LTE Band 25



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 26



LTE Band 30



LTE Band 38



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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



LTE Band 66



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Bottom side WWAN + 2.4G WLAN

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Max. WLAN Aux	SAR Sum	SPLSR
9	Bottom side	WCDMA Band 2	0	0.040	0.025	0.055	0.120	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.036	0.025	0.055	0.116	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.038	0.025	0.055	0.118	ΣSAR<1.6, Not required
		LTE Band 2	0	0.027	0.025	0.055	0.107	ΣSAR<1.6, Not required
		LTE Band 4	0	0.031	0.025	0.055	0.111	ΣSAR<1.6, Not required
		LTE Band 5	0	0.022	0.025	0.055	0.102	ΣSAR<1.6, Not required
		LTE Band 7	0	0.019	0.025	0.055	0.099	ΣSAR<1.6, Not required
		LTE Band 12	0	0.022	0.025	0.055	0.102	ΣSAR<1.6, Not required
		LTE Band 13	0	0.021	0.025	0.055	0.101	ΣSAR<1.6, Not required
		LTE Band 14	0	0.024	0.025	0.055	0.104	ΣSAR<1.6, Not required
		LTE Band 17	0	0.040	0.025	0.055	0.120	ΣSAR<1.6, Not required
		LTE Band 25	0	0.027	0.025	0.055	0.107	ΣSAR<1.6, Not required
		LTE Band 26	0	0.036	0.025	0.055	0.116	ΣSAR<1.6, Not required
		LTE Band 30	0	0.018	0.025	0.055	0.098	ΣSAR<1.6, Not required
		LTE Band 38	0	0.025	0.025	0.055	0.105	ΣSAR<1.6, Not required
		LTE Band 41	0	0.050	0.025	0.055	0.130	ΣSAR<1.6, Not required
		LTE Band 66	0	0.031	0.025	0.055	0.111	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Bottom side WWAN + 5G WLAN

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Max. WLAN Aux	SAR Sum	SPLSR
10	Bottom side	WCDMA Band 2	0	0.040	0.132	0.038	0.210	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.036	0.132	0.038	0.206	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.038	0.132	0.038	0.208	ΣSAR<1.6, Not required
		LTE Band 2	0	0.027	0.132	0.038	0.197	ΣSAR<1.6, Not required
		LTE Band 4	0	0.031	0.132	0.038	0.201	ΣSAR<1.6, Not required
		LTE Band 5	0	0.022	0.132	0.038	0.192	ΣSAR<1.6, Not required
		LTE Band 7	0	0.019	0.132	0.038	0.189	ΣSAR<1.6, Not required
		LTE Band 12	0	0.022	0.132	0.038	0.192	ΣSAR<1.6, Not required
		LTE Band 13	0	0.021	0.132	0.038	0.191	ΣSAR<1.6, Not required
		LTE Band 14	0	0.024	0.132	0.038	0.194	ΣSAR<1.6, Not required
		LTE Band 17	0	0.040	0.132	0.038	0.210	ΣSAR<1.6, Not required
		LTE Band 25	0	0.027	0.132	0.038	0.197	ΣSAR<1.6, Not required
		LTE Band 26	0	0.036	0.132	0.038	0.206	ΣSAR<1.6, Not required
		LTE Band 30	0	0.018	0.132	0.038	0.188	ΣSAR<1.6, Not required
		LTE Band 38	0	0.025	0.132	0.038	0.195	ΣSAR<1.6, Not required
		LTE Band 41	0	0.050	0.132	0.038	0.220	ΣSAR<1.6, Not required
		LTE Band 66	0	0.031	0.132	0.038	0.201	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Bottom side WWAN + 2.4G WLAN Main + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Bluetooth	SAR Sum	SPLSR
11	Bottom side	WCDMA Band 2	0	0.040	0.025	0.011	0.076	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.036	0.025	0.011	0.072	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.038	0.025	0.011	0.074	ΣSAR<1.6, Not required
		LTE Band 2	0	0.027	0.025	0.011	0.063	ΣSAR<1.6, Not required
		LTE Band 4	0	0.031	0.025	0.011	0.067	ΣSAR<1.6, Not required
		LTE Band 5	0	0.022	0.025	0.011	0.058	ΣSAR<1.6, Not required
		LTE Band 7	0	0.019	0.025	0.011	0.055	ΣSAR<1.6, Not required
		LTE Band 12	0	0.022	0.025	0.011	0.058	ΣSAR<1.6, Not required
		LTE Band 13	0	0.021	0.025	0.011	0.057	ΣSAR<1.6, Not required
		LTE Band 14	0	0.024	0.025	0.011	0.060	ΣSAR<1.6, Not required
		LTE Band 17	0	0.040	0.025	0.011	0.076	ΣSAR<1.6, Not required
		LTE Band 25	0	0.027	0.025	0.011	0.063	ΣSAR<1.6, Not required
		LTE Band 26	0	0.036	0.025	0.011	0.072	ΣSAR<1.6, Not required
		LTE Band 30	0	0.018	0.025	0.011	0.054	ΣSAR<1.6, Not required
		LTE Band 38	0	0.025	0.025	0.011	0.061	ΣSAR<1.6, Not required
		LTE Band 41	0	0.050	0.025	0.011	0.086	ΣSAR<1.6, Not required
		LTE Band 66	0	0.031	0.025	0.011	0.067	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Bottom side WWAN + 5G WLAN Main + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Bluetooth	SAR Sum	SPLSR
12	Bottom side	WCDMA Band 2	0	0.040	0.132	0.011	0.183	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.036	0.132	0.011	0.179	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.038	0.132	0.011	0.181	ΣSAR<1.6, Not required
		LTE Band 2	0	0.027	0.132	0.011	0.170	ΣSAR<1.6, Not required
		LTE Band 4	0	0.031	0.132	0.011	0.174	ΣSAR<1.6, Not required
		LTE Band 5	0	0.022	0.132	0.011	0.165	ΣSAR<1.6, Not required
		LTE Band 7	0	0.019	0.132	0.011	0.162	ΣSAR<1.6, Not required
		LTE Band 12	0	0.022	0.132	0.011	0.165	ΣSAR<1.6, Not required
		LTE Band 13	0	0.021	0.132	0.011	0.164	ΣSAR<1.6, Not required
		LTE Band 14	0	0.024	0.132	0.011	0.167	ΣSAR<1.6, Not required
		LTE Band 17	0	0.040	0.132	0.011	0.183	ΣSAR<1.6, Not required
		LTE Band 25	0	0.027	0.132	0.011	0.170	ΣSAR<1.6, Not required
		LTE Band 26	0	0.036	0.132	0.011	0.179	ΣSAR<1.6, Not required
		LTE Band 30	0	0.018	0.132	0.011	0.161	ΣSAR<1.6, Not required
		LTE Band 38	0	0.025	0.132	0.011	0.168	ΣSAR<1.6, Not required
		LTE Band 41	0	0.050	0.132	0.011	0.193	ΣSAR<1.6, Not required
		LTE Band 66	0	0.031	0.132	0.011	0.174	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Right side WWAN + 2.4G WLAN

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Max. WLAN Aux	SAR Sum	SPLSR
13	Right side	WCDMA Band 2	0	0.319	0.042	0.028	0.389	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.473	0.042	0.028	0.543	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.359	0.042	0.028	0.429	ΣSAR<1.6, Not required
		LTE Band 2	0	0.212	0.042	0.028	0.282	ΣSAR<1.6, Not required
		LTE Band 4	0	0.259	0.042	0.028	0.329	ΣSAR<1.6, Not required
		LTE Band 5	0	0.680	0.042	0.028	0.750	ΣSAR<1.6, Not required
		LTE Band 7	0	0.232	0.042	0.028	0.302	ΣSAR<1.6, Not required
		LTE Band 12	0	0.239	0.042	0.028	0.309	ΣSAR<1.6, Not required
		LTE Band 13	0	0.232	0.042	0.028	0.302	ΣSAR<1.6, Not required
		LTE Band 14	0	0.292	0.042	0.028	0.362	ΣSAR<1.6, Not required
		LTE Band 17	0	0.308	0.042	0.028	0.378	ΣSAR<1.6, Not required
		LTE Band 25	0	0.228	0.042	0.028	0.298	ΣSAR<1.6, Not required
		LTE Band 26	0	0.364	0.042	0.028	0.434	ΣSAR<1.6, Not required
		LTE Band 30	0	0.225	0.042	0.028	0.295	ΣSAR<1.6, Not required
		LTE Band 38	0	0.289	0.042	0.028	0.359	ΣSAR<1.6, Not required
		LTE Band 41	0	0.435	0.042	0.028	0.505	ΣSAR<1.6, Not required
		LTE Band 66	0	0.262	0.042	0.028	0.332	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Right side WWAN + 5G WLAN

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Max. WLAN Aux	SAR Sum	SPLSR
14	Right side	WCDMA Band 2	0	0.319	0.026	0.033	0.378	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.473	0.026	0.033	0.532	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.359	0.026	0.033	0.418	ΣSAR<1.6, Not required
		LTE Band 2	0	0.212	0.026	0.033	0.271	ΣSAR<1.6, Not required
		LTE Band 4	0	0.259	0.026	0.033	0.318	ΣSAR<1.6, Not required
		LTE Band 5	0	0.680	0.026	0.033	0.739	ΣSAR<1.6, Not required
		LTE Band 7	0	0.232	0.026	0.033	0.291	ΣSAR<1.6, Not required
		LTE Band 12	0	0.239	0.026	0.033	0.298	ΣSAR<1.6, Not required
		LTE Band 13	0	0.232	0.026	0.033	0.291	ΣSAR<1.6, Not required
		LTE Band 14	0	0.292	0.026	0.033	0.351	ΣSAR<1.6, Not required
		LTE Band 17	0	0.308	0.026	0.033	0.367	ΣSAR<1.6, Not required
		LTE Band 25	0	0.228	0.026	0.033	0.287	ΣSAR<1.6, Not required
		LTE Band 26	0	0.364	0.026	0.033	0.423	ΣSAR<1.6, Not required
		LTE Band 30	0	0.225	0.026	0.033	0.284	ΣSAR<1.6, Not required
		LTE Band 38	0	0.289	0.026	0.033	0.348	ΣSAR<1.6, Not required
		LTE Band 41	0	0.435	0.026	0.033	0.494	ΣSAR<1.6, Not required
		LTE Band 66	0	0.262	0.026	0.033	0.321	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Right side WWAN + 2.4G WLAN Main + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Bluetooth	SAR Sum	SPLSR
15	Right side	WCDMA Band 2	0	0.319	0.042	0.010	0.371	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.473	0.042	0.010	0.525	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.359	0.042	0.010	0.411	ΣSAR<1.6, Not required
		LTE Band 2	0	0.212	0.042	0.010	0.264	ΣSAR<1.6, Not required
		LTE Band 4	0	0.259	0.042	0.010	0.311	ΣSAR<1.6, Not required
		LTE Band 5	0	0.680	0.042	0.010	0.732	ΣSAR<1.6, Not required
		LTE Band 7	0	0.232	0.042	0.010	0.284	ΣSAR<1.6, Not required
		LTE Band 12	0	0.239	0.042	0.010	0.291	ΣSAR<1.6, Not required
		LTE Band 13	0	0.232	0.042	0.010	0.284	ΣSAR<1.6, Not required
		LTE Band 14	0	0.292	0.042	0.010	0.344	ΣSAR<1.6, Not required
		LTE Band 17	0	0.308	0.042	0.010	0.360	ΣSAR<1.6, Not required
		LTE Band 25	0	0.228	0.042	0.010	0.280	ΣSAR<1.6, Not required
		LTE Band 26	0	0.364	0.042	0.010	0.416	ΣSAR<1.6, Not required
		LTE Band 30	0	0.225	0.042	0.010	0.277	ΣSAR<1.6, Not required
		LTE Band 38	0	0.289	0.042	0.010	0.341	ΣSAR<1.6, Not required
		LTE Band 41	0	0.435	0.042	0.010	0.487	ΣSAR<1.6, Not required
		LTE Band 66	0	0.262	0.042	0.010	0.314	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Right side WWAN + 5G WLAN Main + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Bluetooth	SAR Sum	SPLSR
16	Right side	WCDMA Band 2	0	0.319	0.026	0.010	0.355	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.473	0.026	0.010	0.509	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.359	0.026	0.010	0.395	ΣSAR<1.6, Not required
		LTE Band 2	0	0.212	0.026	0.010	0.248	ΣSAR<1.6, Not required
		LTE Band 4	0	0.259	0.026	0.010	0.295	ΣSAR<1.6, Not required
		LTE Band 5	0	0.680	0.026	0.010	0.716	ΣSAR<1.6, Not required
		LTE Band 7	0	0.232	0.026	0.010	0.268	ΣSAR<1.6, Not required
		LTE Band 12	0	0.239	0.026	0.010	0.275	ΣSAR<1.6, Not required
		LTE Band 13	0	0.232	0.026	0.010	0.268	ΣSAR<1.6, Not required
		LTE Band 14	0	0.292	0.026	0.010	0.328	ΣSAR<1.6, Not required
		LTE Band 17	0	0.308	0.026	0.010	0.344	ΣSAR<1.6, Not required
		LTE Band 25	0	0.228	0.026	0.010	0.264	ΣSAR<1.6, Not required
		LTE Band 26	0	0.364	0.026	0.010	0.400	ΣSAR<1.6, Not required
		LTE Band 30	0	0.225	0.026	0.010	0.261	ΣSAR<1.6, Not required
		LTE Band 38	0	0.289	0.026	0.010	0.325	ΣSAR<1.6, Not required
		LTE Band 41	0	0.435	0.026	0.010	0.471	ΣSAR<1.6, Not required
		LTE Band 66	0	0.262	0.026	0.010	0.298	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Left side WWAN + 2.4G WLAN

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Max. WLAN Aux	SAR Sum	SPLSR
17	Left side	WCDMA Band 2	0	0.080	0.042	0.480	0.602	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.057	0.042	0.480	0.579	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.068	0.042	0.480	0.590	ΣSAR<1.6, Not required
		LTE Band 2	0	0.058	0.042	0.480	0.580	ΣSAR<1.6, Not required
		LTE Band 4	0	0.064	0.042	0.480	0.586	ΣSAR<1.6, Not required
		LTE Band 5	0	0.054	0.042	0.480	0.576	ΣSAR<1.6, Not required
		LTE Band 7	0	0.031	0.042	0.480	0.553	ΣSAR<1.6, Not required
		LTE Band 12	0	0.040	0.042	0.480	0.562	ΣSAR<1.6, Not required
		LTE Band 13	0	0.036	0.042	0.480	0.558	ΣSAR<1.6, Not required
		LTE Band 14	0	0.050	0.042	0.480	0.572	ΣSAR<1.6, Not required
		LTE Band 17	0	0.052	0.042	0.480	0.574	ΣSAR<1.6, Not required
		LTE Band 25	0	0.061	0.042	0.480	0.583	ΣSAR<1.6, Not required
		LTE Band 26	0	0.071	0.042	0.480	0.593	ΣSAR<1.6, Not required
		LTE Band 30	0	0.028	0.042	0.480	0.550	ΣSAR<1.6, Not required
		LTE Band 38	0	0.049	0.042	0.480	0.571	ΣSAR<1.6, Not required
		LTE Band 41	0	0.071	0.042	0.480	0.593	ΣSAR<1.6, Not required
		LTE Band 66	0	0.064	0.042	0.480	0.586	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Left side WWAN + 5G WLAN

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Max. WLAN Aux	SAR Sum	SPLSR
18	Left side	WCDMA Band 2	0	0.080	0.069	0.553	0.702	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.057	0.069	0.553	0.679	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.068	0.069	0.553	0.690	ΣSAR<1.6, Not required
		LTE Band 2	0	0.058	0.069	0.553	0.680	ΣSAR<1.6, Not required
		LTE Band 4	0	0.064	0.069	0.553	0.686	ΣSAR<1.6, Not required
		LTE Band 5	0	0.054	0.069	0.553	0.676	ΣSAR<1.6, Not required
		LTE Band 7	0	0.031	0.069	0.553	0.653	ΣSAR<1.6, Not required
		LTE Band 12	0	0.040	0.069	0.553	0.662	ΣSAR<1.6, Not required
		LTE Band 13	0	0.036	0.069	0.553	0.658	ΣSAR<1.6, Not required
		LTE Band 14	0	0.050	0.069	0.553	0.672	ΣSAR<1.6, Not required
		LTE Band 17	0	0.052	0.069	0.553	0.674	ΣSAR<1.6, Not required
		LTE Band 25	0	0.061	0.069	0.553	0.683	ΣSAR<1.6, Not required
		LTE Band 26	0	0.071	0.069	0.553	0.693	ΣSAR<1.6, Not required
		LTE Band 30	0	0.028	0.069	0.553	0.650	ΣSAR<1.6, Not required
		LTE Band 38	0	0.049	0.069	0.553	0.671	ΣSAR<1.6, Not required
		LTE Band 41	0	0.071	0.069	0.553	0.693	ΣSAR<1.6, Not required
		LTE Band 66	0	0.064	0.069	0.553	0.686	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Left side WWAN + 2.4G WLAN Main + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Bluetooth	SAR Sum	SPLSR
19	Left side	WCDMA Band 2	0	0.080	0.042	0.107	0.229	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.057	0.042	0.107	0.206	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.068	0.042	0.107	0.217	ΣSAR<1.6, Not required
		LTE Band 2	0	0.058	0.042	0.107	0.207	ΣSAR<1.6, Not required
		LTE Band 4	0	0.064	0.042	0.107	0.213	ΣSAR<1.6, Not required
		LTE Band 5	0	0.054	0.042	0.107	0.203	ΣSAR<1.6, Not required
		LTE Band 7	0	0.031	0.042	0.107	0.180	ΣSAR<1.6, Not required
		LTE Band 12	0	0.040	0.042	0.107	0.189	ΣSAR<1.6, Not required
		LTE Band 13	0	0.036	0.042	0.107	0.185	ΣSAR<1.6, Not required
		LTE Band 14	0	0.050	0.042	0.107	0.199	ΣSAR<1.6, Not required
		LTE Band 17	0	0.052	0.042	0.107	0.201	ΣSAR<1.6, Not required
		LTE Band 25	0	0.061	0.042	0.107	0.210	ΣSAR<1.6, Not required
		LTE Band 26	0	0.071	0.042	0.107	0.220	ΣSAR<1.6, Not required
		LTE Band 30	0	0.028	0.042	0.107	0.177	ΣSAR<1.6, Not required
		LTE Band 38	0	0.049	0.042	0.107	0.198	ΣSAR<1.6, Not required
		LTE Band 41	0	0.071	0.042	0.107	0.220	ΣSAR<1.6, Not required
		LTE Band 66	0	0.064	0.042	0.107	0.213	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Left side WWAN + 5G WLAN Main + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Bluetooth	SAR Sum	SPLSR
20	Left side	WCDMA Band 2	0	0.080	0.069	0.107	0.256	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.057	0.069	0.107	0.233	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.068	0.069	0.107	0.244	ΣSAR<1.6, Not required
		LTE Band 2	0	0.058	0.069	0.107	0.234	ΣSAR<1.6, Not required
		LTE Band 4	0	0.064	0.069	0.107	0.240	ΣSAR<1.6, Not required
		LTE Band 5	0	0.054	0.069	0.107	0.230	ΣSAR<1.6, Not required
		LTE Band 7	0	0.031	0.069	0.107	0.207	ΣSAR<1.6, Not required
		LTE Band 12	0	0.040	0.069	0.107	0.216	ΣSAR<1.6, Not required
		LTE Band 13	0	0.036	0.069	0.107	0.212	ΣSAR<1.6, Not required
		LTE Band 14	0	0.050	0.069	0.107	0.226	ΣSAR<1.6, Not required
		LTE Band 17	0	0.052	0.069	0.107	0.228	ΣSAR<1.6, Not required
		LTE Band 25	0	0.061	0.069	0.107	0.237	ΣSAR<1.6, Not required
		LTE Band 26	0	0.071	0.069	0.107	0.247	ΣSAR<1.6, Not required
		LTE Band 30	0	0.028	0.069	0.107	0.204	ΣSAR<1.6, Not required
		LTE Band 38	0	0.049	0.069	0.107	0.225	ΣSAR<1.6, Not required
		LTE Band 41	0	0.071	0.069	0.107	0.247	ΣSAR<1.6, Not required
		LTE Band 66	0	0.064	0.069	0.107	0.240	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Hong-Bo

Back side WWAN + 2.4G WLAN

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Max. WLAN Aux	SAR Sum	SPLSR
21	Back side	WCDMA Band 2	0	0.290	0.143	0.414	0.847	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.294	0.143	0.414	0.851	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.276	0.143	0.414	0.833	ΣSAR<1.6, Not required
		LTE Band 2	0	0.241	0.143	0.414	0.798	ΣSAR<1.6, Not required
		LTE Band 4	0	0.279	0.143	0.414	0.836	ΣSAR<1.6, Not required
		LTE Band 5	0	0.268	0.143	0.414	0.825	ΣSAR<1.6, Not required
		LTE Band 7	0	0.313	0.143	0.414	0.870	ΣSAR<1.6, Not required
		LTE Band 12	0	0.196	0.143	0.414	0.753	ΣSAR<1.6, Not required
		LTE Band 13	0	0.216	0.143	0.414	0.773	ΣSAR<1.6, Not required
		LTE Band 14	0	0.239	0.143	0.414	0.796	ΣSAR<1.6, Not required
		LTE Band 17	0	0.234	0.143	0.414	0.791	ΣSAR<1.6, Not required
		LTE Band 25	0	0.286	0.143	0.414	0.843	ΣSAR<1.6, Not required
		LTE Band 26	0	0.250	0.143	0.414	0.807	ΣSAR<1.6, Not required
		LTE Band 30	0	0.302	0.143	0.414	0.859	ΣSAR<1.6, Not required
		LTE Band 38	0	0.289	0.143	0.414	0.846	ΣSAR<1.6, Not required
		LTE Band 41	0	0.391	0.143	0.414	0.948	ΣSAR<1.6, Not required
		LTE Band 66	0	0.279	0.143	0.414	0.836	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Back side WWAN + 5G WLAN

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Max. WLAN Aux	SAR Sum	SPLSR
22	Back side	WCDMA Band 2	0	0.290	0.289	0.262	0.841	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.294	0.289	0.262	0.845	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.276	0.289	0.262	0.827	ΣSAR<1.6, Not required
		LTE Band 2	0	0.241	0.289	0.262	0.792	ΣSAR<1.6, Not required
		LTE Band 4	0	0.279	0.289	0.262	0.830	ΣSAR<1.6, Not required
		LTE Band 5	0	0.268	0.289	0.262	0.819	ΣSAR<1.6, Not required
		LTE Band 7	0	0.313	0.289	0.262	0.864	ΣSAR<1.6, Not required
		LTE Band 12	0	0.196	0.289	0.262	0.747	ΣSAR<1.6, Not required
		LTE Band 13	0	0.216	0.289	0.262	0.767	ΣSAR<1.6, Not required
		LTE Band 14	0	0.239	0.289	0.262	0.790	ΣSAR<1.6, Not required
		LTE Band 17	0	0.234	0.289	0.262	0.785	ΣSAR<1.6, Not required
		LTE Band 25	0	0.286	0.289	0.262	0.837	ΣSAR<1.6, Not required
		LTE Band 26	0	0.250	0.289	0.262	0.801	ΣSAR<1.6, Not required
		LTE Band 30	0	0.302	0.289	0.262	0.853	ΣSAR<1.6, Not required
		LTE Band 38	0	0.289	0.289	0.262	0.840	ΣSAR<1.6, Not required
		LTE Band 41	0	0.391	0.289	0.262	0.942	ΣSAR<1.6, Not required
		LTE Band 66	0	0.279	0.289	0.262	0.830	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Back side WWAN + 2.4G WLAN Main + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Bluetooth	SAR Sum	SPLSR
23	Back side	WCDMA Band 2	0	0.290	0.143	0.088	0.521	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.294	0.143	0.088	0.525	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.276	0.143	0.088	0.507	ΣSAR<1.6, Not required
		LTE Band 2	0	0.241	0.143	0.088	0.472	ΣSAR<1.6, Not required
		LTE Band 4	0	0.279	0.143	0.088	0.510	ΣSAR<1.6, Not required
		LTE Band 5	0	0.268	0.143	0.088	0.499	ΣSAR<1.6, Not required
		LTE Band 7	0	0.313	0.143	0.088	0.544	ΣSAR<1.6, Not required
		LTE Band 12	0	0.196	0.143	0.088	0.427	ΣSAR<1.6, Not required
		LTE Band 13	0	0.216	0.143	0.088	0.447	ΣSAR<1.6, Not required
		LTE Band 14	0	0.239	0.143	0.088	0.470	ΣSAR<1.6, Not required
		LTE Band 17	0	0.234	0.143	0.088	0.465	ΣSAR<1.6, Not required
		LTE Band 25	0	0.286	0.143	0.088	0.517	ΣSAR<1.6, Not required
		LTE Band 26	0	0.250	0.143	0.088	0.481	ΣSAR<1.6, Not required
		LTE Band 30	0	0.302	0.143	0.088	0.533	ΣSAR<1.6, Not required
		LTE Band 38	0	0.289	0.143	0.088	0.520	ΣSAR<1.6, Not required
		LTE Band 41	0	0.391	0.143	0.088	0.622	ΣSAR<1.6, Not required
		LTE Band 66	0	0.279	0.143	0.088	0.510	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Back side WWAN + 5G WLAN Main + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Bluetooth	SAR Sum	SPLSR
24	Back side	WCDMA Band 2	0	0.290	0.289	0.088	0.667	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.294	0.289	0.088	0.671	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.276	0.289	0.088	0.653	ΣSAR<1.6, Not required
		LTE Band 2	0	0.241	0.289	0.088	0.618	ΣSAR<1.6, Not required
		LTE Band 4	0	0.279	0.289	0.088	0.656	ΣSAR<1.6, Not required
		LTE Band 5	0	0.268	0.289	0.088	0.645	ΣSAR<1.6, Not required
		LTE Band 7	0	0.313	0.289	0.088	0.690	ΣSAR<1.6, Not required
		LTE Band 12	0	0.196	0.289	0.088	0.573	ΣSAR<1.6, Not required
		LTE Band 13	0	0.216	0.289	0.088	0.593	ΣSAR<1.6, Not required
		LTE Band 14	0	0.239	0.289	0.088	0.616	ΣSAR<1.6, Not required
		LTE Band 17	0	0.234	0.289	0.088	0.611	ΣSAR<1.6, Not required
		LTE Band 25	0	0.286	0.289	0.088	0.663	ΣSAR<1.6, Not required
		LTE Band 26	0	0.250	0.289	0.088	0.627	ΣSAR<1.6, Not required
		LTE Band 30	0	0.302	0.289	0.088	0.679	ΣSAR<1.6, Not required
		LTE Band 38	0	0.289	0.289	0.088	0.666	ΣSAR<1.6, Not required
		LTE Band 41	0	0.391	0.289	0.088	0.768	ΣSAR<1.6, Not required
		LTE Band 66	0	0.279	0.289	0.088	0.656	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top side WWAN + 2.4G WLAN

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Max. WLAN Aux	SAR Sum	SPLSR
25	Top side	WCDMA Band 2	0	1.297	0.631	1.193	**3.121**	Analyzed as below
		WCDMA Band 4	0	1.392	0.631	1.193	**3.216**	Analyzed as below
		WCDMA Band 5	0	1.312	0.631	1.193	**3.136**	Analyzed as below
		LTE Band 2	0	1.250	0.631	1.193	**3.074**	Analyzed as below
		LTE Band 4	0	1.363	0.631	1.193	**3.187**	Analyzed as below
		LTE Band 5	0	1.346	0.631	1.193	**3.170**	Analyzed as below
		LTE Band 7	0	1.352	0.631	1.193	**3.176**	Analyzed as below
		LTE Band 12	0	1.369	0.631	1.193	**3.193**	Analyzed as below
		LTE Band 13	0	1.419	0.631	1.193	**3.243**	Analyzed as below
		LTE Band 14	0	1.386	0.631	1.193	**3.210**	Analyzed as below
		LTE Band 17	0	1.342	0.631	1.193	**3.166**	Analyzed as below
		LTE Band 25	0	1.433	0.631	1.193	**3.257**	Analyzed as below
		LTE Band 26	0	1.385	0.631	1.193	**3.209**	Analyzed as below
		LTE Band 30	0	1.306	0.631	1.193	**3.130**	Analyzed as below
		LTE Band 38	0	1.128	0.631	1.193	**2.952**	Analyzed as below
		LTE Band 41	0	1.383	0.631	1.193	**3.207**	Analyzed as below
		LTE Band 66	0	1.369	0.631	1.193	**3.193**	Analyzed 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top side WWAN + 5G WLAN

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Max. WLAN Aux	SAR Sum	SPLSR
26	Top side	WCDMA Band 2	0	1.297	1.035	1.014	**3.346**	Analyzed as below
		WCDMA Band 4	0	1.392	1.035	1.014	**3.441**	Analyzed as below
		WCDMA Band 5	0	1.312	1.035	1.014	**3.361**	Analyzed as below
		LTE Band 2	0	1.250	1.035	1.014	**3.299**	Analyzed as below
		LTE Band 4	0	1.363	1.035	1.014	**3.412**	Analyzed as below
		LTE Band 5	0	1.346	1.035	1.014	**3.395**	Analyzed as below
		LTE Band 7	0	1.352	1.035	1.014	**3.401**	Analyzed as below
		LTE Band 12	0	1.369	1.035	1.014	**3.418**	Analyzed as below
		LTE Band 13	0	1.419	1.035	1.014	**3.468**	Analyzed as below
		LTE Band 14	0	1.386	1.035	1.014	**3.435**	Analyzed as below
		LTE Band 17	0	1.342	1.035	1.014	**3.391**	Analyzed as below
		LTE Band 25	0	1.433	1.035	1.014	**3.482**	Analyzed as below
		LTE Band 26	0	1.385	1.035	1.014	**3.434**	Analyzed as below
		LTE Band 30	0	1.306	1.035	1.014	**3.355**	Analyzed as below
		LTE Band 38	0	1.128	1.035	1.014	**3.177**	Analyzed as below
		LTE Band 41	0	1.383	1.035	1.014	**3.432**	Analyzed as below
		LTE Band 66	0	1.369	1.035	1.014	**3.418**	Analyzed 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top side WWAN + 2.4G WLAN Main + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Bluetooth	SAR Sum	SPLSR
27	Top side	WCDMA Band 2	0	1.297	0.631	0.270	**2.198**	Analyzed as below
		WCDMA Band 4	0	1.392	0.631	0.270	**2.293**	Analyzed as below
		WCDMA Band 5	0	1.312	0.631	0.270	**2.213**	Analyzed as below
		LTE Band 2	0	1.250	0.631	0.270	**2.151**	Analyzed as below
		LTE Band 4	0	1.363	0.631	0.270	**2.264**	Analyzed as below
		LTE Band 5	0	1.346	0.631	0.270	**2.247**	Analyzed as below
		LTE Band 7	0	1.352	0.631	0.270	**2.253**	Analyzed as below
		LTE Band 12	0	1.369	0.631	0.270	**2.270**	Analyzed as below
		LTE Band 13	0	1.419	0.631	0.270	**2.320**	Analyzed as below
		LTE Band 14	0	1.386	0.631	0.270	**2.287**	Analyzed as below
		LTE Band 17	0	1.342	0.631	0.270	**2.243**	Analyzed as below
		LTE Band 25	0	1.433	0.631	0.270	**2.334**	Analyzed as below
		LTE Band 26	0	1.385	0.631	0.270	**2.286**	Analyzed as below
		LTE Band 30	0	1.306	0.631	0.270	**2.207**	Analyzed as below
		LTE Band 38	0	1.128	0.631	0.270	**2.029**	Analyzed as below
		LTE Band 41	0	1.383	0.631	0.270	**2.284**	Analyzed as below
		LTE Band 66	0	1.369	0.631	0.270	**2.270**	Analyzed 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top side WWAN + 5G WLAN Main + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Bluetooth	SAR Sum	SPLSR
28	Top side	WCDMA Band 2	0	1.297	1.035	0.270	**2.602**	Analyzed as below
		WCDMA Band 4	0	1.392	1.035	0.270	**2.697**	Analyzed as below
		WCDMA Band 5	0	1.312	1.035	0.270	**2.617**	Analyzed as below
		LTE Band 2	0	1.250	1.035	0.270	**2.555**	Analyzed as below
		LTE Band 4	0	1.363	1.035	0.270	**2.668**	Analyzed as below
		LTE Band 5	0	1.346	1.035	0.270	**2.651**	Analyzed as below
		LTE Band 7	0	1.352	1.035	0.270	**2.657**	Analyzed as below
		LTE Band 12	0	1.369	1.035	0.270	**2.674**	Analyzed as below
		LTE Band 13	0	1.419	1.035	0.270	**2.724**	Analyzed as below
		LTE Band 14	0	1.386	1.035	0.270	**2.691**	Analyzed as below
		LTE Band 17	0	1.342	1.035	0.270	**2.647**	Analyzed as below
		LTE Band 25	0	1.433	1.035	0.270	**2.738**	Analyzed as below
		LTE Band 26	0	1.385	1.035	0.270	**2.690**	Analyzed as below
		LTE Band 30	0	1.306	1.035	0.270	**2.611**	Analyzed as below
		LTE Band 38	0	1.128	1.035	0.270	**2.433**	Analyzed as below
		LTE Band 41	0	1.383	1.035	0.270	**2.688**	Analyzed as below
		LTE Band 66	0	1.369	1.035	0.270	**2.674**	Analyzed 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top side WWAN + 2.4G WLAN Main

Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			ΣSAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top side	WLAN Main	0.631	-0.64	-5.18	-0.22	-	-	-	-
	WCDMA Band 2	1.297	-0.95	12.90	-0.30	1.928	180.83	0.015	SPLSR ≤ 0.04, Not required
	WCDMA Band 4	1.392	-0.80	12.89	-0.30	2.023	180.71	0.016	SPLSR ≤ 0.04, Not required
	WCDMA Band 5	1.312	-0.36	9.31	-0.38	1.943	144.94	0.019	SPLSR ≤ 0.04, Not required
	LTE Band 2	1.250	-0.95	12.90	-0.53	1.881	180.85	0.014	SPLSR ≤ 0.04, Not required
	LTE Band 4	1.363	-0.80	12.89	-0.53	1.994	180.73	0.016	SPLSR ≤ 0.04, Not required
	LTE Band 5	1.346	-0.36	9.19	-0.38	1.977	143.74	0.019	SPLSR ≤ 0.04, Not required
	LTE Band 7	1.352	-0.54	13.24	-0.39	1.983	184.21	0.015	SPLSR ≤ 0.04, Not required
	LTE Band 12	1.369	-0.35	9.20	-0.38	2.000	143.84	0.020	SPLSR ≤ 0.04, Not required
	LTE Band 13	1.419	-0.35	9.35	-0.39	2.050	145.34	0.020	SPLSR ≤ 0.04, Not required
	LTE Band 14	1.386	-0.65	9.50	-0.27	2.017	146.80	0.020	SPLSR ≤ 0.04, Not required
	LTE Band 17	1.342	-0.35	9.20	-0.38	1.973	143.84	0.019	SPLSR ≤ 0.04, Not required
	LTE Band 25	1.433	-0.80	13.05	-0.32	2.064	182.31	0.016	SPLSR ≤ 0.04, Not required
	LTE Band 26	1.385	-0.36	9.34	-0.38	2.016	145.24	0.020	SPLSR ≤ 0.04, Not required
	LTE Band 30	1.306	-0.54	12.88	-0.44	1.937	180.62	0.015	SPLSR ≤ 0.04, Not required
	LTE Band 38	1.128	-0.70	13.26	-0.36	1.759	184.41	0.013	SPLSR ≤ 0.04, Not required
	LTE Band 41	1.383	-0.68	13.14	-0.36	2.014	183.21	0.016	SPLSR ≤ 0.04, Not required
	LTE Band 66	1.369	-0.80	12.90	-0.53	2.000	180.83	0.016	SPLSR ≤ 0.04, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top side WWAN + 2.4G WLAN + Aux

Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			ΣSAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top side	WLAN Aux	1.193	-0.42	-13.66	-0.21	-	-	-	-
	WCDMA Band 2	1.297	-0.95	12.90	-0.30	2.490	265.65	0.015	SPLSR ≤ 0.04, Not required
	WCDMA Band 4	1.392	-0.80	12.89	-0.30	2.585	265.53	0.016	SPLSR ≤ 0.04, Not required
	WCDMA Band 5	1.312	-0.36	9.31	-0.38	2.505	229.71	0.017	SPLSR ≤ 0.04, Not required
	LTE Band 2	1.250	-0.95	12.90	-0.53	2.443	265.67	0.014	SPLSR ≤ 0.04, Not required
	LTE Band 4	1.363	-0.80	12.89	-0.53	2.556	265.55	0.015	SPLSR ≤ 0.04, Not required
	LTE Band 5	1.346	-0.36	9.19	-0.38	2.539	228.51	0.018	SPLSR ≤ 0.04, Not required
	LTE Band 7	1.352	-0.54	13.24	-0.39	2.545	269.01	0.015	SPLSR ≤ 0.04, Not required
	LTE Band 12	1.369	-0.35	9.20	-0.38	2.562	228.61	0.018	SPLSR ≤ 0.04, Not required
	LTE Band 13	1.419	-0.35	9.35	-0.39	2.612	230.11	0.018	SPLSR ≤ 0.04, Not required
	LTE Band 14	1.386	-0.65	9.50	-0.27	2.579	231.61	0.018	SPLSR ≤ 0.04, Not required
	LTE Band 17	1.342	-0.35	9.20	-0.38	2.535	228.61	0.018	SPLSR ≤ 0.04, Not required
	LTE Band 25	1.433	-0.80	13.05	-0.32	2.626	267.13	0.016	SPLSR ≤ 0.04, Not required
	LTE Band 26	1.385	-0.36	9.34	-0.38	2.578	230.01	0.018	SPLSR ≤ 0.04, Not required
	LTE Band 30	1.306	-0.54	12.88	-0.44	2.499	265.41	0.015	SPLSR ≤ 0.04, Not required
	LTE Band 38	1.128	-0.70	13.26	-0.36	2.321	269.22	0.013	SPLSR ≤ 0.04, Not required
	LTE Band 41	1.383	-0.68	13.14	-0.36	2.576	268.02	0.015	SPLSR ≤ 0.04, Not required
	LTE Band 66	1.369	-0.80	12.90	-0.53	2.562	265.65	0.015	SPLSR ≤ 0.04, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top side WWAN + 5G WLAN + Main

Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			ΣSAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top side	WLAN Main	1.035	-0.50	-5.68	-0.21	-	-	-	-
	WCDMA Band 2	1.297	-0.95	12.90	-0.30	2.332	185.86	0.019	SPLSR ≤ 0.04, Not required
	WCDMA Band 4	1.392	-0.80	12.89	-0.30	2.427	185.73	0.020	SPLSR ≤ 0.04, Not required
	WCDMA Band 5	1.312	-0.36	9.31	-0.38	2.347	149.92	0.024	SPLSR ≤ 0.04, Not required
	LTE Band 2	1.250	-0.95	12.90	-0.53	2.285	185.88	0.019	SPLSR ≤ 0.04, Not required
	LTE Band 4	1.363	-0.80	12.89	-0.53	2.398	185.75	0.020	SPLSR ≤ 0.04, Not required
	LTE Band 5	1.346	-0.36	9.19	-0.38	2.381	148.72	0.025	SPLSR ≤ 0.04, Not required
	LTE Band 7	1.352	-0.54	13.24	-0.39	2.387	189.21	0.019	SPLSR ≤ 0.04, Not required
	LTE Band 12	1.369	-0.35	9.20	-0.38	2.404	148.82	0.025	SPLSR ≤ 0.04, Not required
	LTE Band 13	1.419	-0.35	9.35	-0.39	2.454	150.32	0.026	SPLSR ≤ 0.04, Not required
	LTE Band 14	1.386	-0.65	9.50	-0.27	2.421	151.81	0.025	SPLSR ≤ 0.04, Not required
	LTE Band 17	1.342	-0.35	9.20	-0.38	2.377	148.82	0.025	SPLSR ≤ 0.04, Not required
	LTE Band 25	1.433	-0.80	13.05	-0.32	2.468	187.33	0.021	SPLSR ≤ 0.04, Not required
	LTE Band 26	1.385	-0.36	9.34	-0.38	2.420	150.22	0.025	SPLSR ≤ 0.04, Not required
	LTE Band 30	1.306	-0.54	12.88	-0.44	2.341	185.61	0.019	SPLSR ≤ 0.04, Not required
	LTE Band 38	1.128	-0.70	13.26	-0.36	2.163	189.42	0.017	SPLSR ≤ 0.04, Not required
	LTE Band 41	1.383	-0.68	13.14	-0.36	2.418	188.21	0.020	SPLSR ≤ 0.04, Not required
	LTE Band 66	1.369	-0.80	12.90	-0.53	2.404	185.85	0.020	SPLSR ≤ 0.04, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top side WWAN + 5G WLAN + Aux

Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			ΣSAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top side	WLAN Aux	1.014	-0.40	-14.10	-0.21	-	-	-	-
	WCDMA Band 2	1.297	-0.95	12.90	-0.30	2.311	270.06	0.013	SPLSR ≤ 0.04, Not required
	WCDMA Band 4	1.392	-0.80	12.89	-0.30	2.406	269.93	0.014	SPLSR ≤ 0.04, Not required
	WCDMA Band 5	1.312	-0.36	9.31	-0.38	2.326	234.11	0.015	SPLSR ≤ 0.04, Not required
	LTE Band 2	1.250	-0.95	12.90	-0.53	2.264	270.07	0.013	SPLSR ≤ 0.04, Not required
	LTE Band 4	1.363	-0.80	12.89	-0.53	2.377	269.95	0.014	SPLSR ≤ 0.04, Not required
	LTE Band 5	1.346	-0.36	9.19	-0.38	2.360	232.91	0.016	SPLSR ≤ 0.04, Not required
	LTE Band 7	1.352	-0.54	13.24	-0.39	2.366	273.41	0.013	SPLSR ≤ 0.04, Not required
	LTE Band 12	1.369	-0.35	9.20	-0.38	2.383	233.01	0.016	SPLSR ≤ 0.04, Not required
	LTE Band 13	1.419	-0.35	9.35	-0.39	2.433	234.51	0.016	SPLSR ≤ 0.04, Not required
	LTE Band 14	1.386	-0.65	9.50	-0.27	2.400	236.01	0.016	SPLSR ≤ 0.04, Not required
	LTE Band 17	1.342	-0.35	9.20	-0.38	2.356	233.01	0.016	SPLSR ≤ 0.04, Not required
	LTE Band 25	1.433	-0.80	13.05	-0.32	2.447	271.53	0.014	SPLSR ≤ 0.04, Not required
	LTE Band 26	1.385	-0.36	9.34	-0.38	2.399	234.41	0.016	SPLSR ≤ 0.04, Not required
	LTE Band 30	1.306	-0.54	12.88	-0.44	2.320	269.81	0.013	SPLSR ≤ 0.04, Not required
	LTE Band 38	1.128	-0.70	13.26	-0.36	2.142	273.62	0.011	SPLSR ≤ 0.04, Not required
	LTE Band 41	1.383	-0.68	13.14	-0.36	2.397	272.42	0.014	SPLSR ≤ 0.04, Not required
	LTE Band 66	1.369	-0.80	12.90	-0.53	2.383	270.05	0.014	SPLSR ≤ 0.04, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

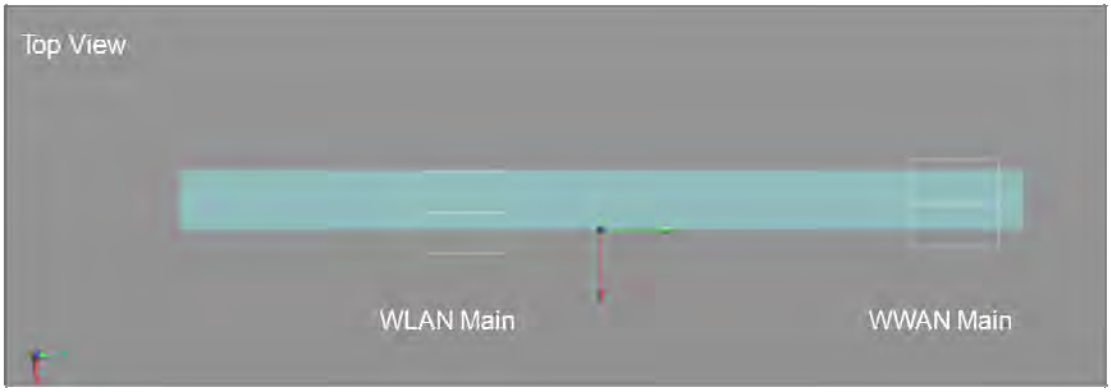
Top side WWAN + BT

Position	Conditions	SAR Value (W/kg)	Coordinates (cm)			ΣSAR (W/kg)	Peak Location Separation Distance (mm)	SPLSR	Simultaneous Transmission SAR Test
			x	y	z				
Top side	Bluetooth	0.270	-0.52	-13.68	-0.21	-	-	-	-
	WCDMA Band 2	1.297	-0.95	12.90	-0.30	1.567	265.84	0.007	SPLSR ≤ 0.04, Not required
	WCDMA Band 4	1.392	-0.80	12.89	-0.30	1.662	265.72	0.008	SPLSR ≤ 0.04, Not required
	WCDMA Band 5	1.312	-0.36	9.31	-0.38	1.582	229.91	0.009	SPLSR ≤ 0.04, Not required
	LTE Band 2	1.250	-0.95	12.90	-0.53	1.520	265.85	0.007	SPLSR ≤ 0.04, Not required
	LTE Band 4	1.363	-0.80	12.89	-0.53	1.633	265.73	0.008	SPLSR ≤ 0.04, Not required
	LTE Band 5	1.346	-0.36	9.19	-0.38	1.616	228.71	0.009	SPLSR ≤ 0.04, Not required
	LTE Band 7	1.352	-0.54	13.24	-0.39	1.622	269.21	0.008	SPLSR ≤ 0.04, Not required
	LTE Band 12	1.369	-0.35	9.20	-0.38	1.639	228.81	0.009	SPLSR ≤ 0.04, Not required
	LTE Band 13	1.419	-0.35	9.35	-0.39	1.689	230.31	0.010	SPLSR ≤ 0.04, Not required
	LTE Band 14	1.386	-0.65	9.50	-0.27	1.656	231.80	0.009	SPLSR ≤ 0.04, Not required
	LTE Band 17	1.342	-0.35	9.20	-0.38	1.612	228.81	0.009	SPLSR ≤ 0.04, Not required
	LTE Band 25	1.433	-0.80	13.05	-0.32	1.703	267.32	0.008	SPLSR ≤ 0.04, Not required
	LTE Band 26	1.385	-0.36	9.34	-0.38	1.655	230.21	0.009	SPLSR ≤ 0.04, Not required
	LTE Band 30	1.306	-0.54	12.88	-0.44	1.576	265.61	0.007	SPLSR ≤ 0.04, Not required
	LTE Band 38	1.128	-0.70	13.26	-0.36	1.398	269.41	0.006	SPLSR ≤ 0.04, Not required
	LTE Band 41	1.383	-0.68	13.14	-0.36	1.653	268.21	0.008	SPLSR ≤ 0.04, Not required
	LTE Band 66	1.369	-0.80	12.90	-0.53	1.639	265.83	0.008	SPLSR ≤ 0.04, Not required

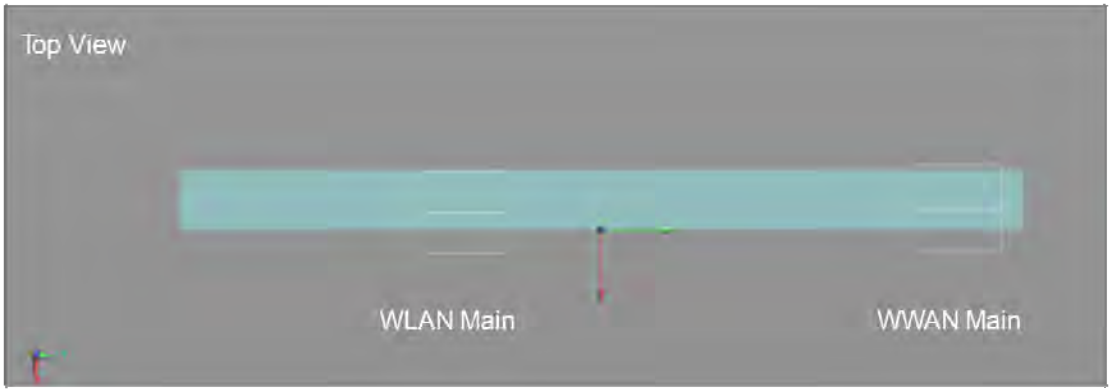
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top_2.4G_Main→WWAN

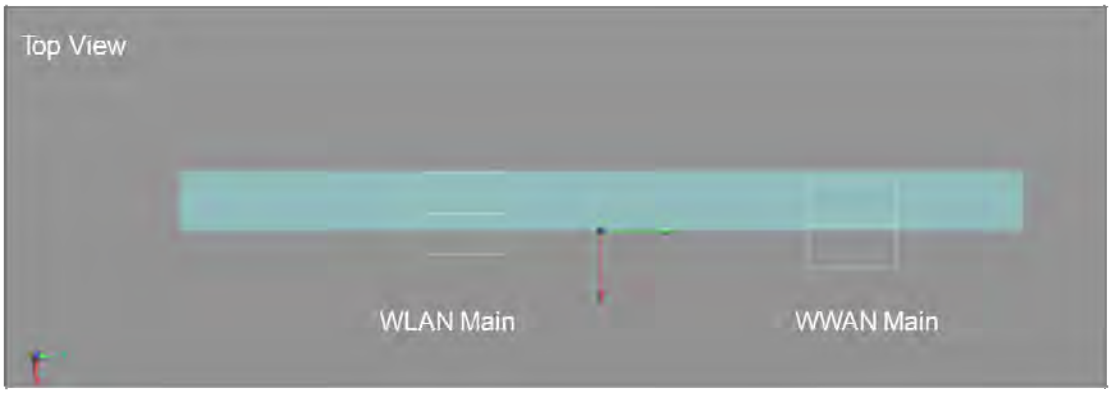
WCDMA Band 2



WCDMA Band 4

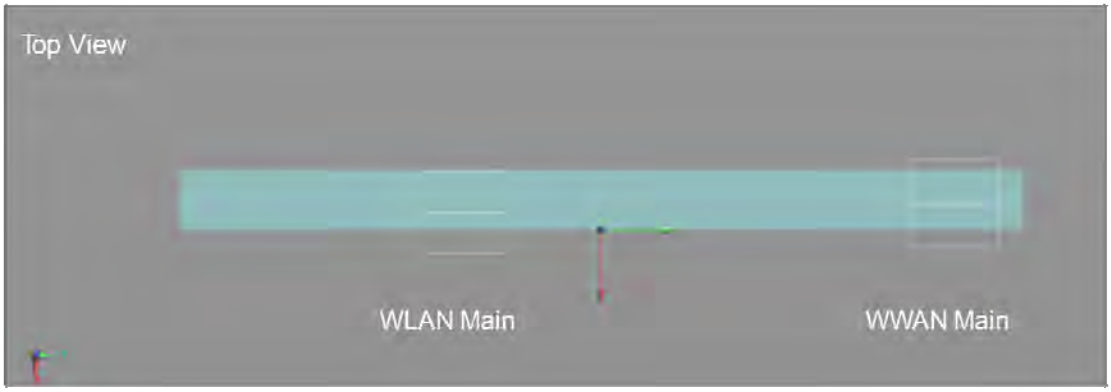


WCDMA Band 5

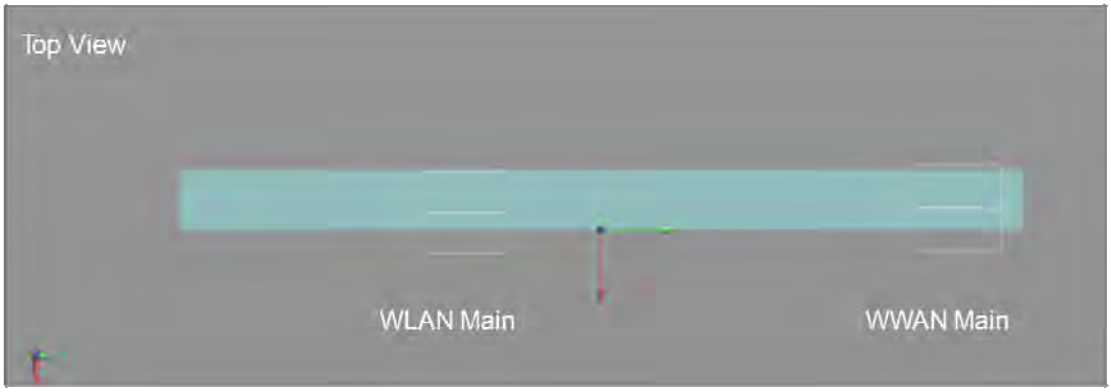


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

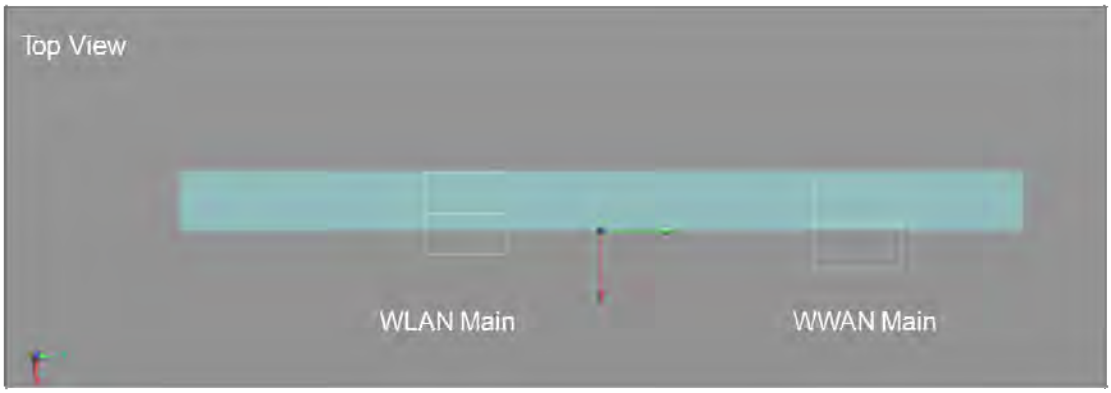
LTE Band 2



LTE Band 4

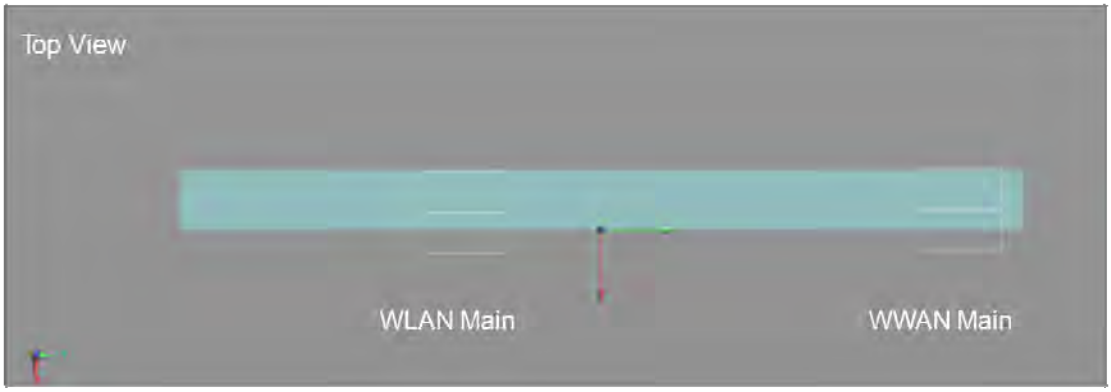


LTE Band 5

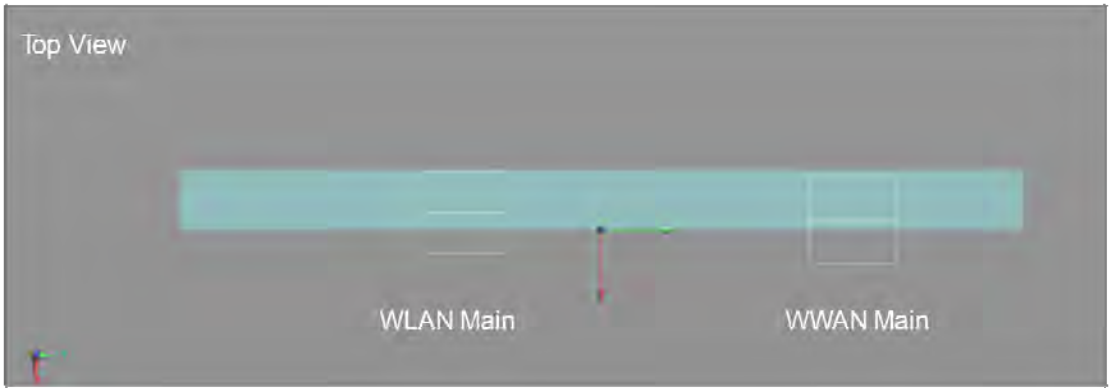


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

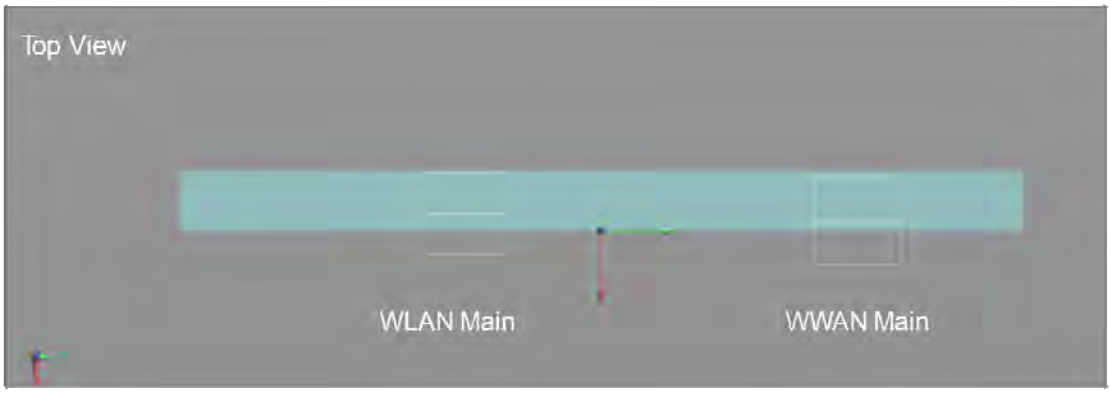
LTE Band 7



LTE Band 12

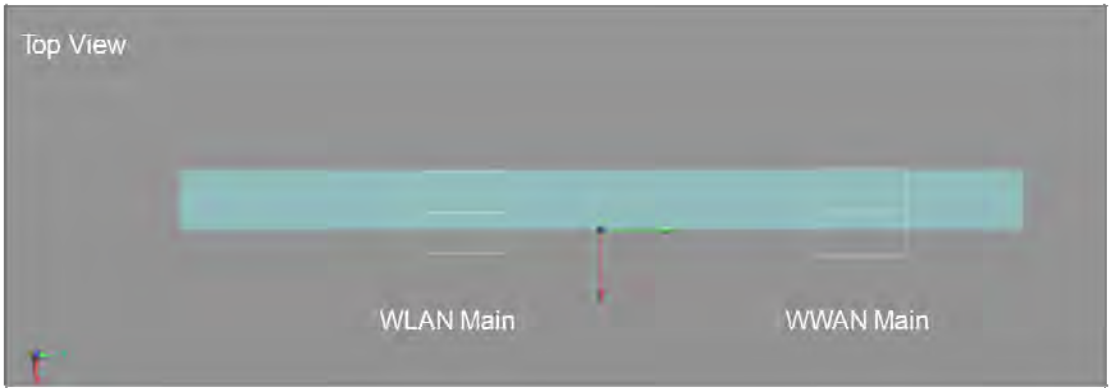


LTE Band 13

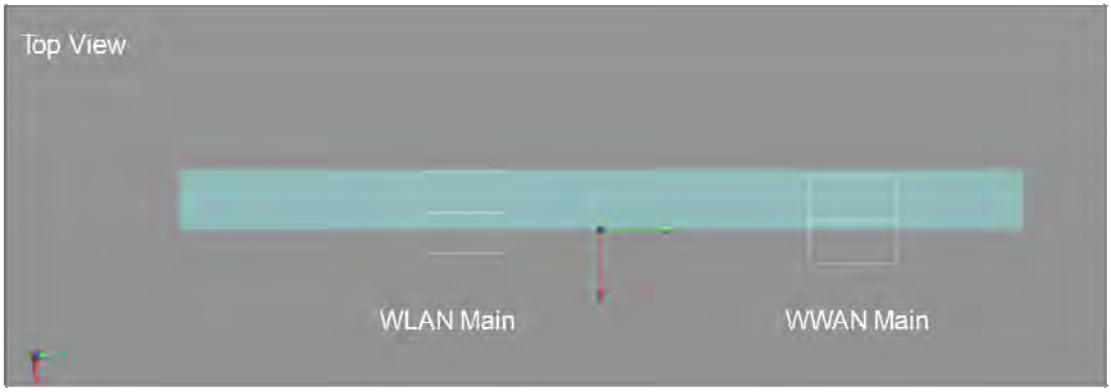


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

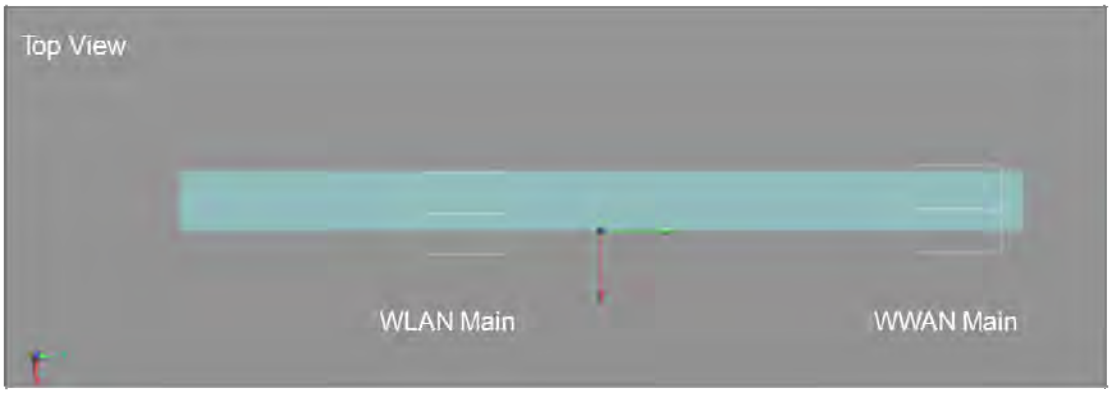
LTE Band 14



LTE Band 17

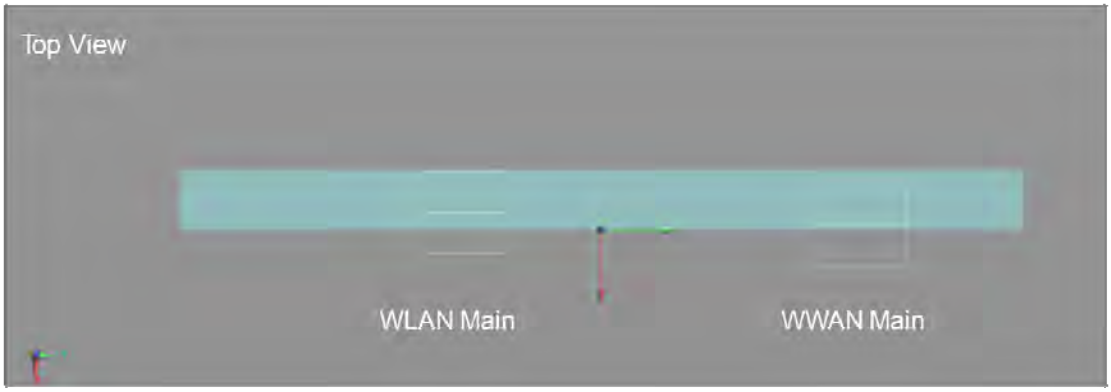


LTE Band 25

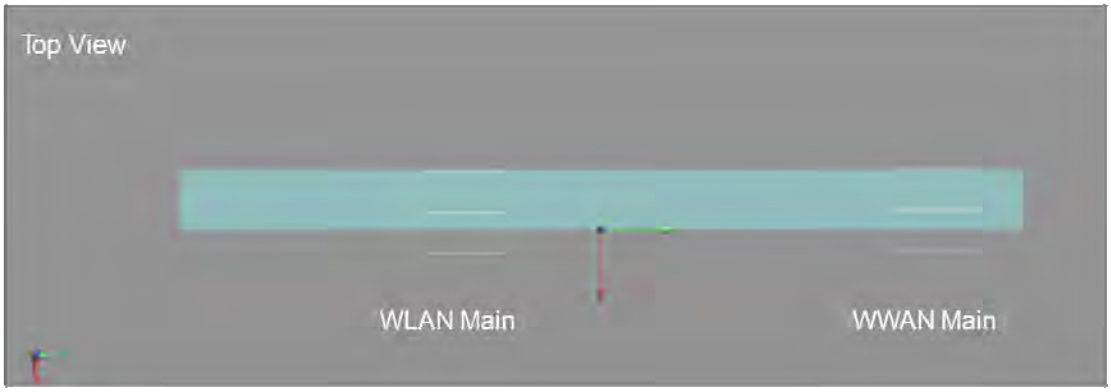


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

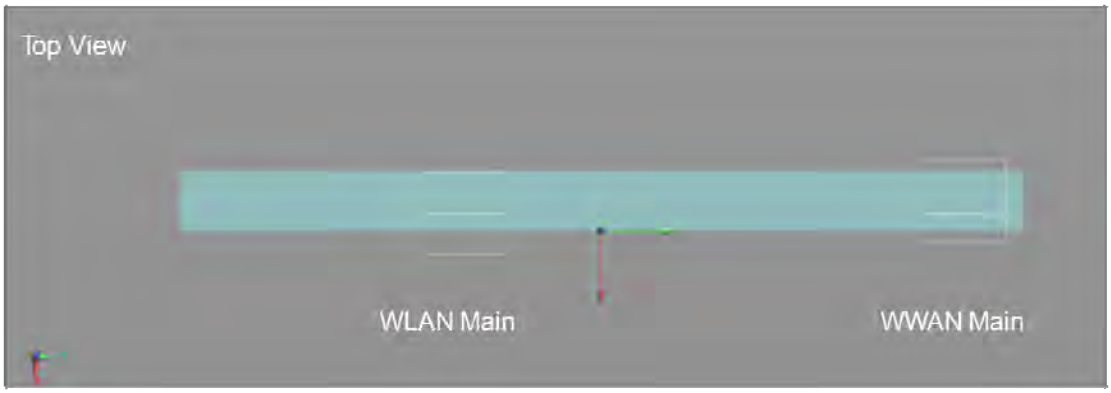
LTE Band 26



LTE Band 30

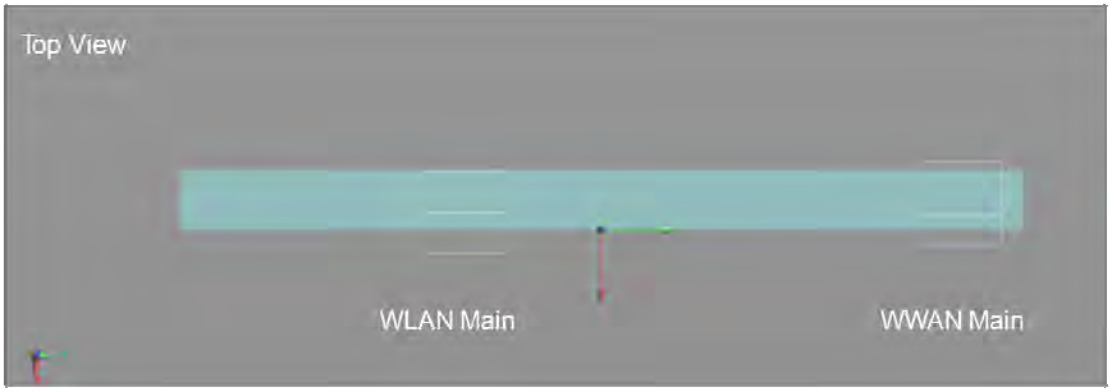


LTE Band 38

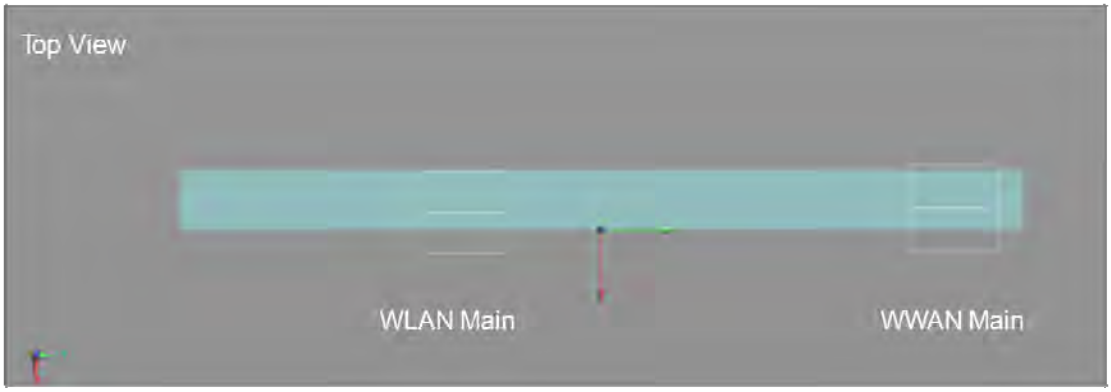


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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



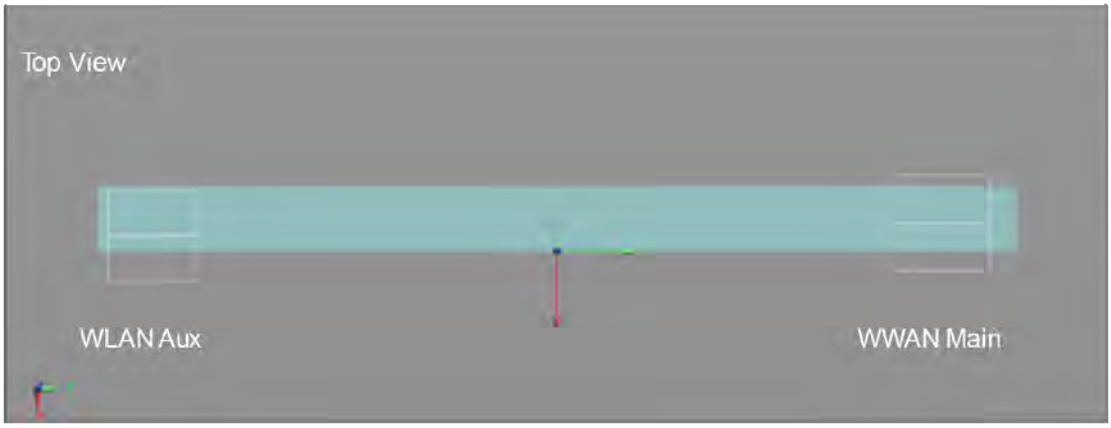
LTE Band 66



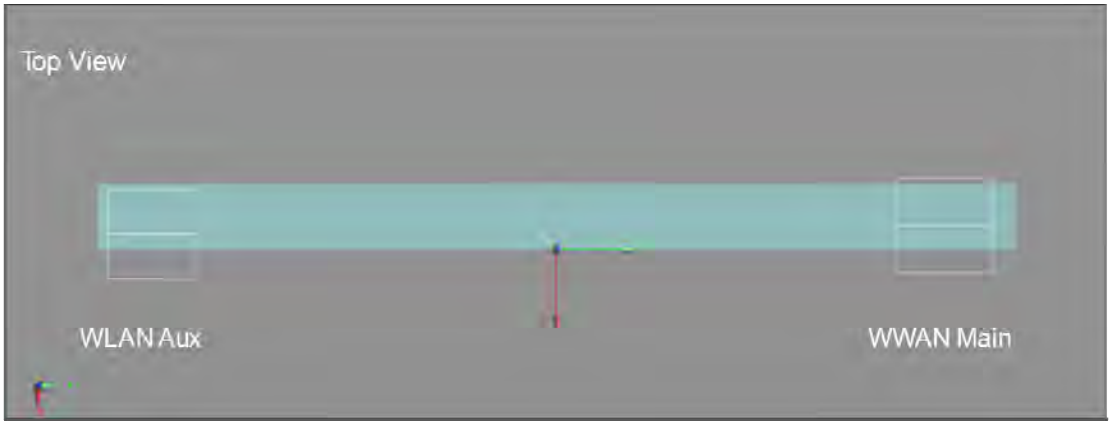
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top_2.4G_Aux→WWAN

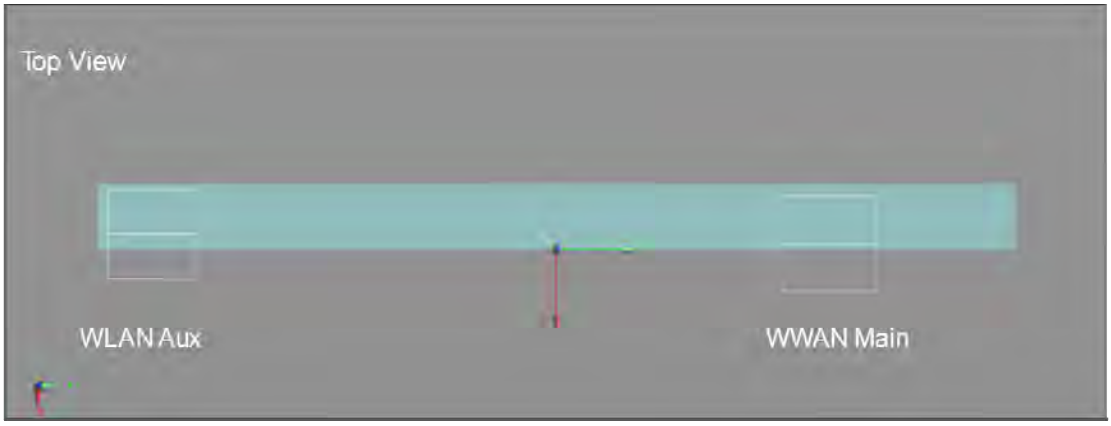
WCDMA Band 2



WCDMA Band 4

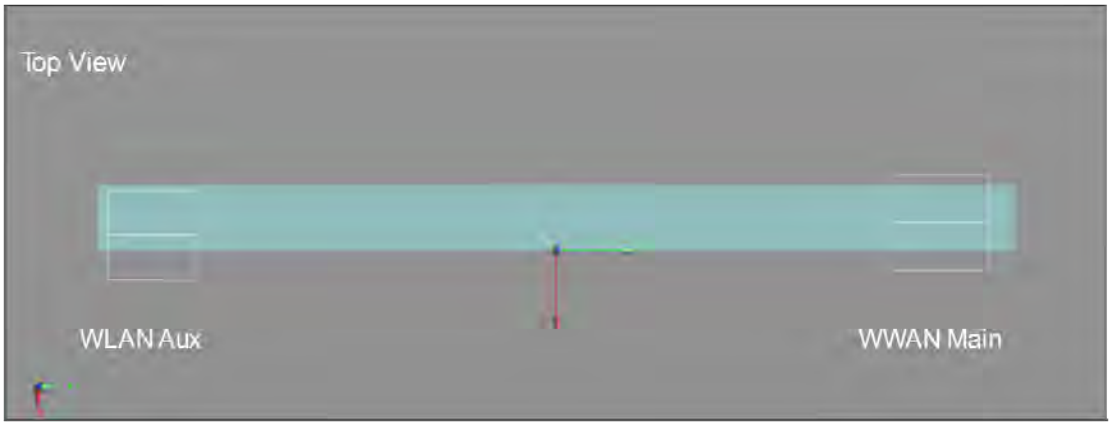


WCDMA Band 5

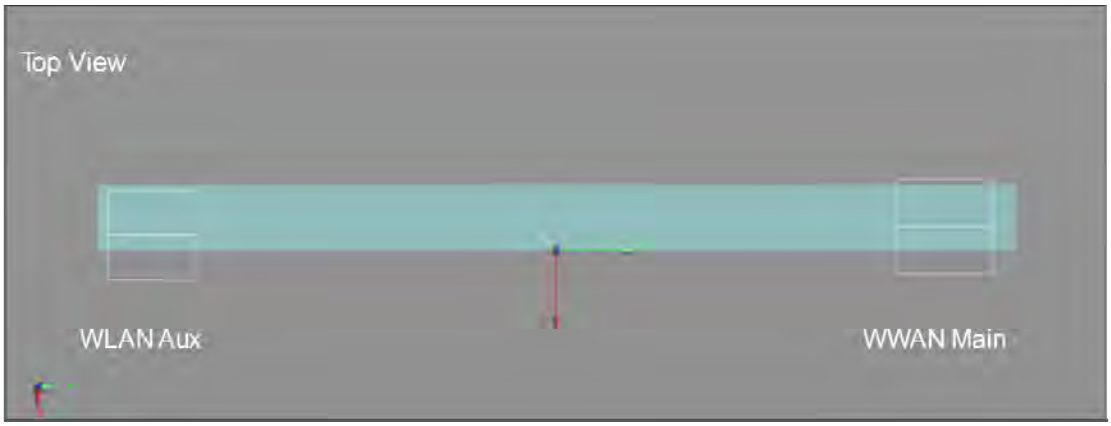


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

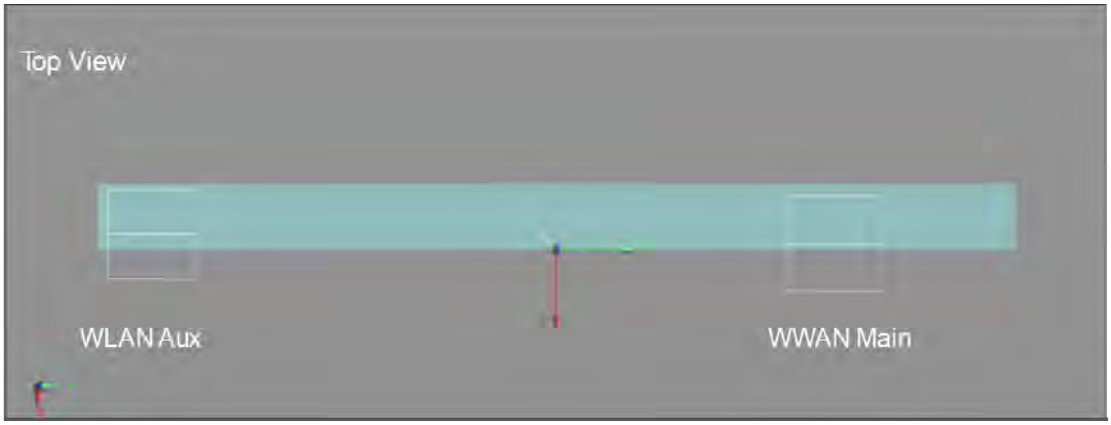
LTE Band 2



LTE Band 4

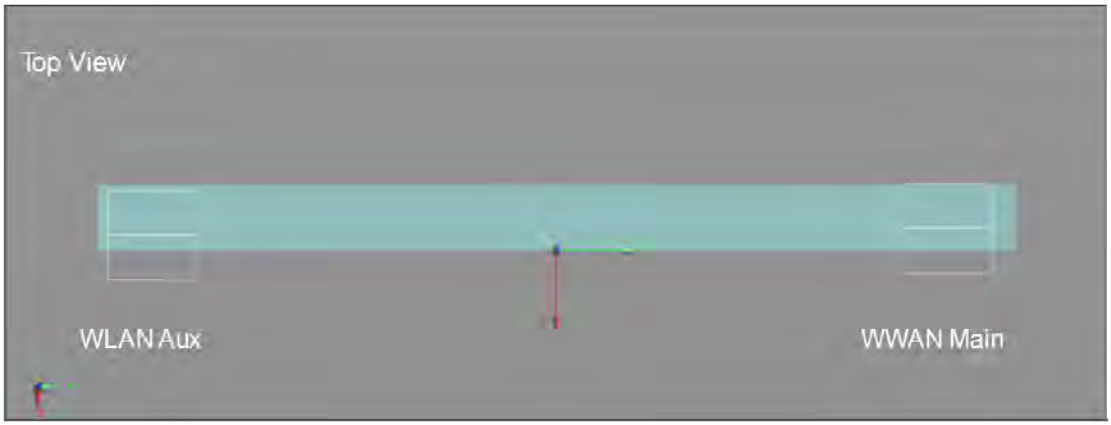


LTE Band 5

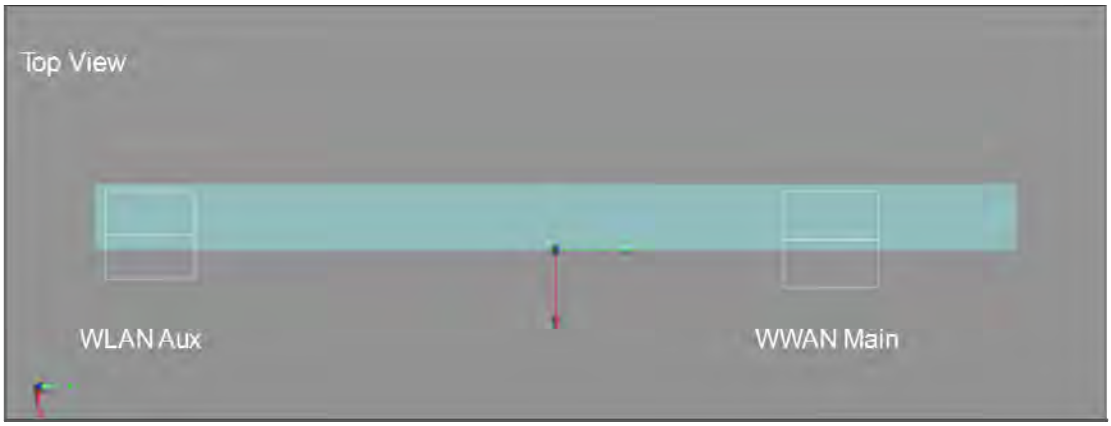


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

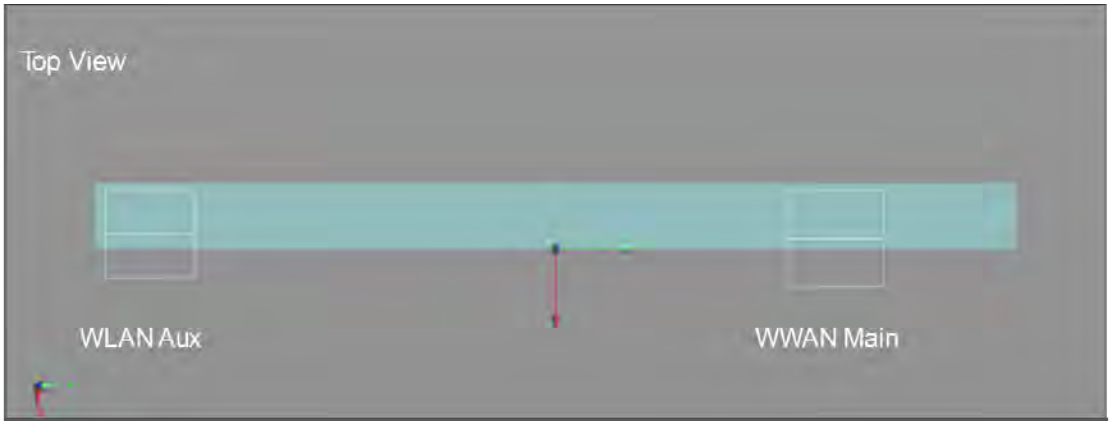
LTE Band 7



LTE Band 12

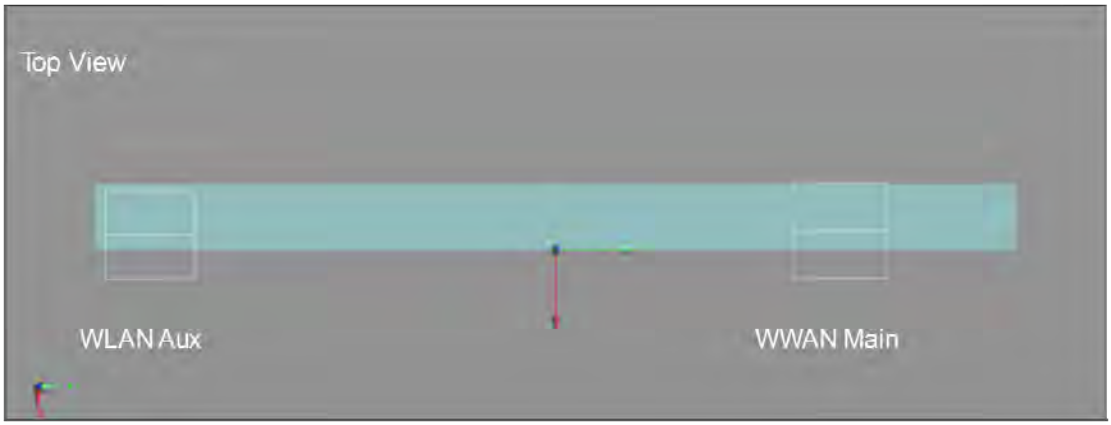


LTE Band 13

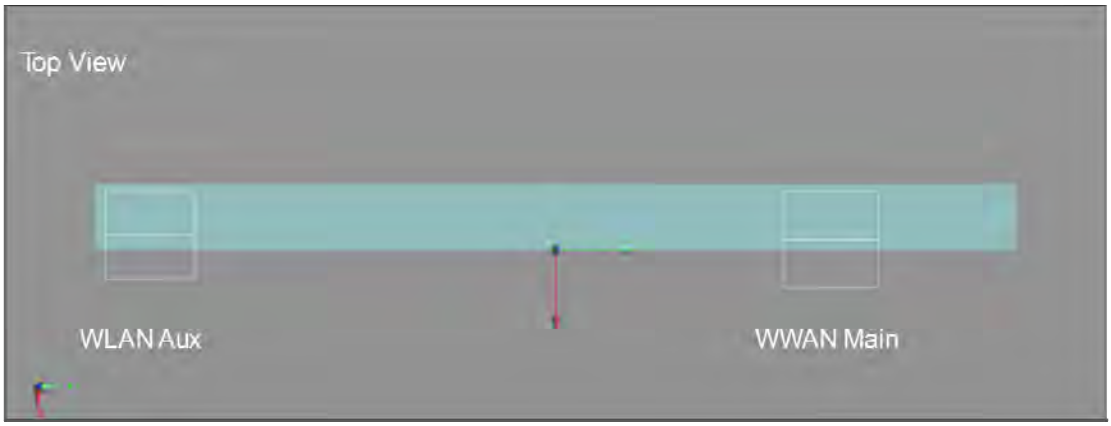


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

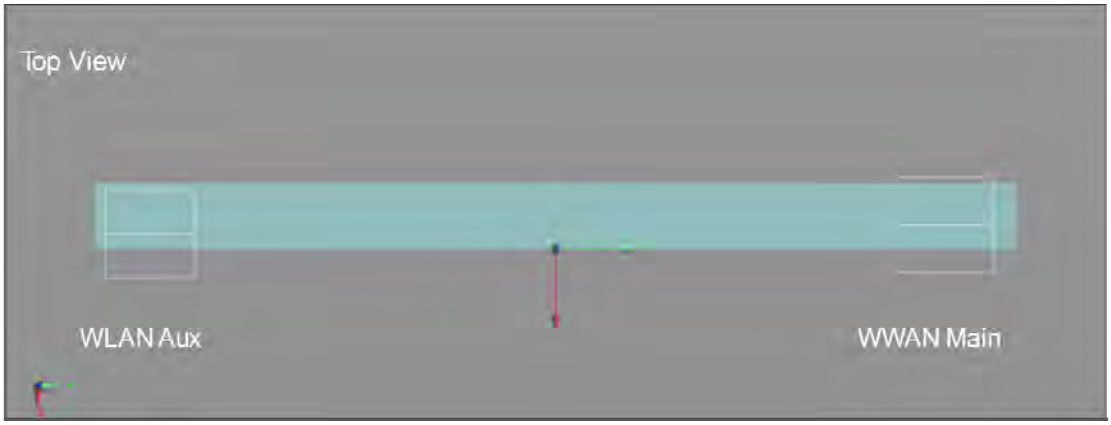
LTE Band 14



LTE Band 17

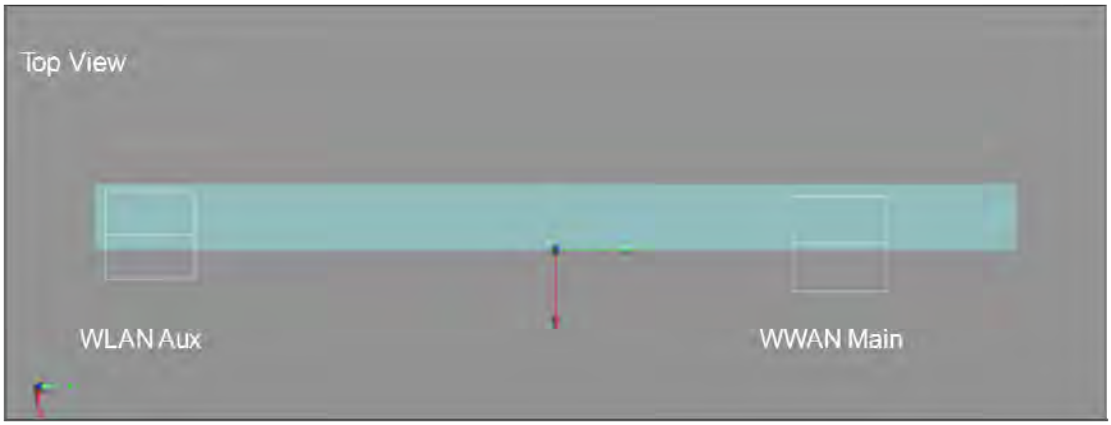


LTE Band 25

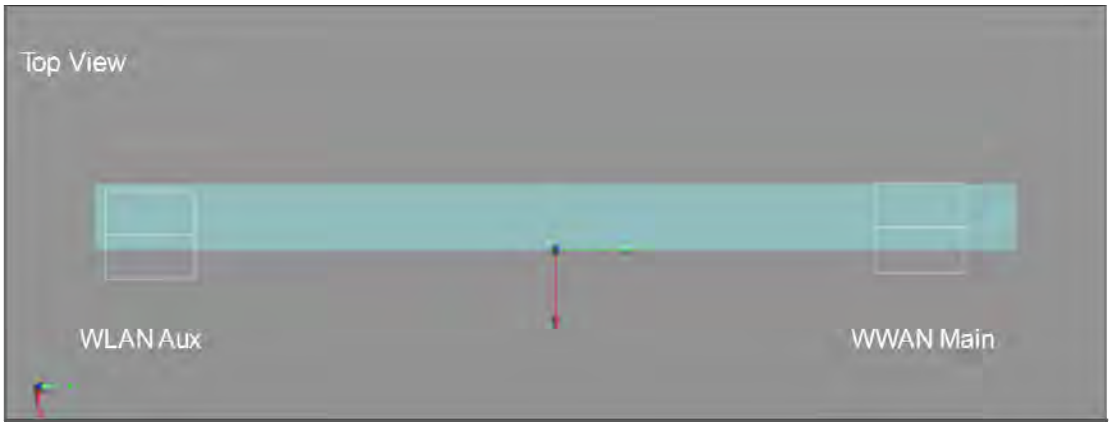


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

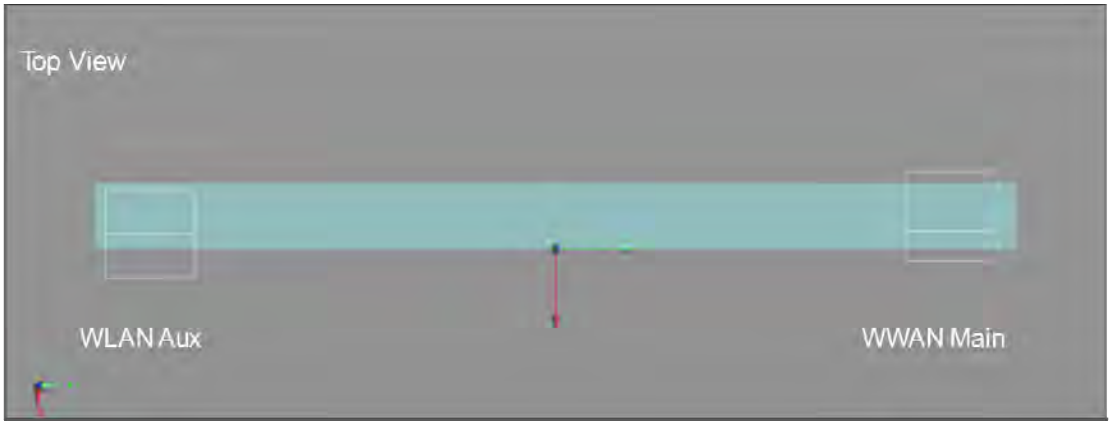
LTE Band 26



LTE Band 30

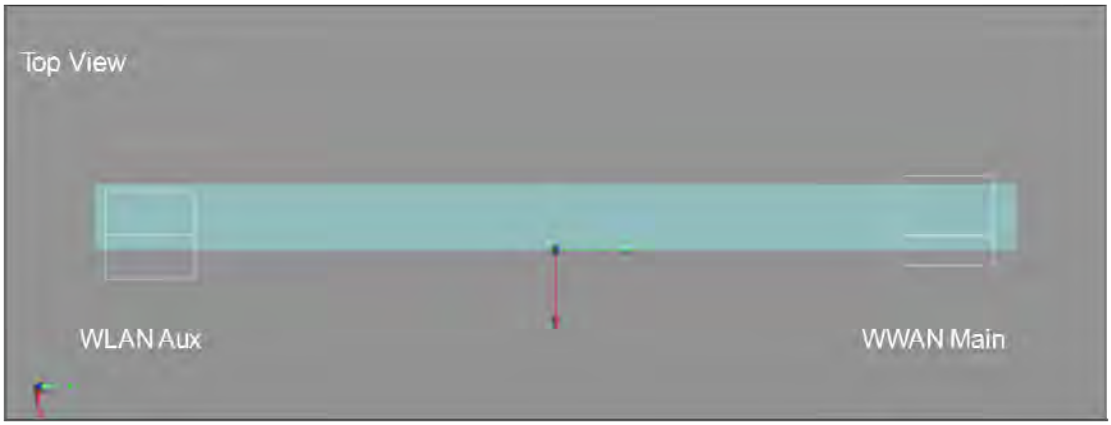


LTE Band 38

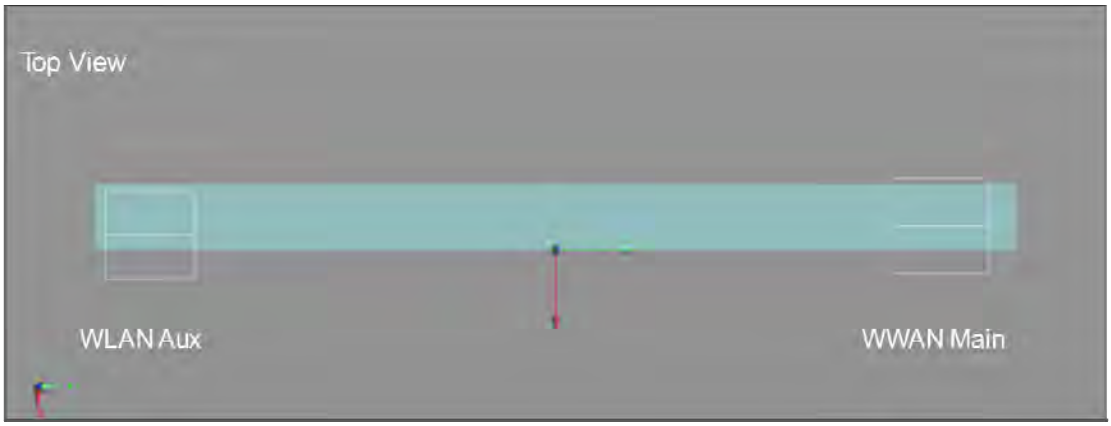


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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



LTE Band 66



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top_5G_Main→WWAN

WCDMA Band 2



WCDMA Band 4



WCDMA Band 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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



LTE Band 4



LTE Band 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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



LTE Band 12



LTE Band 13



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 14



LTE Band 17



LTE Band 25



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 26



LTE Band 30



LTE Band 38



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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



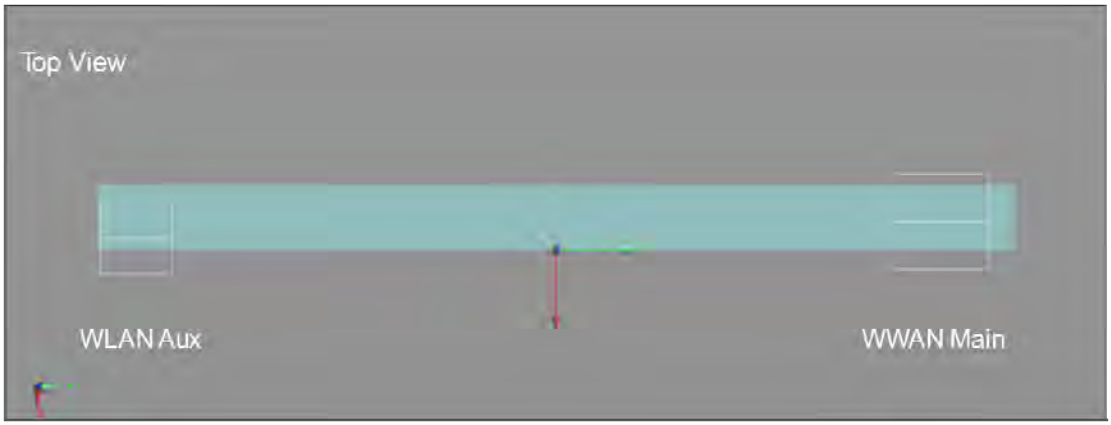
LTE Band 66



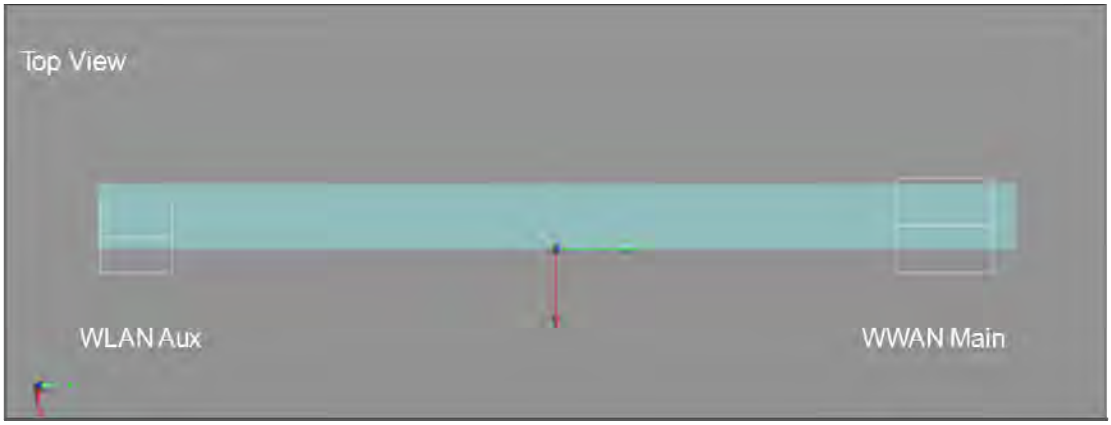
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top_5G_Aux→WWAN

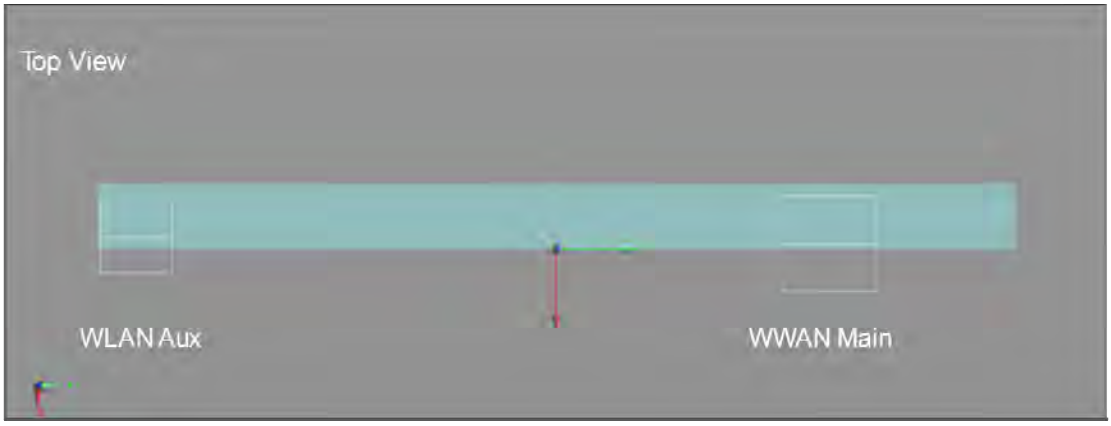
WCDMA Band 2



WCDMA Band 4

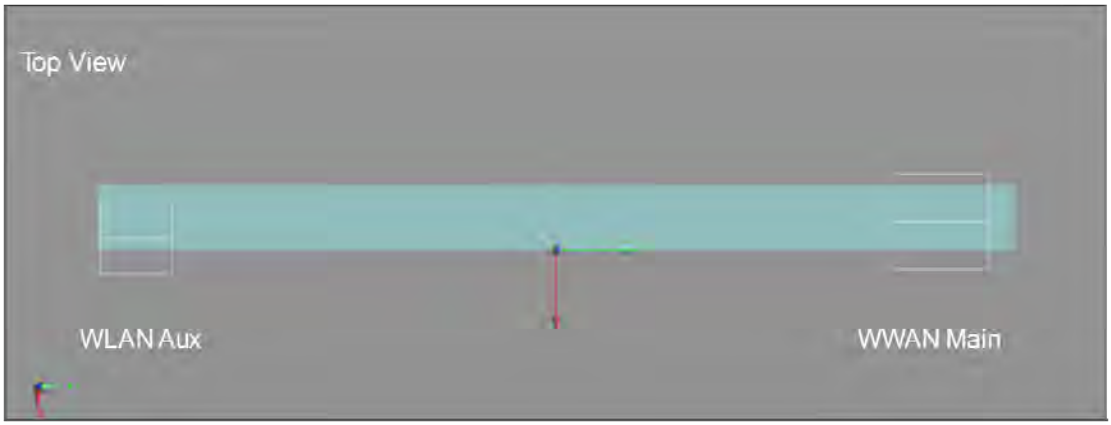


WCDMA Band 5

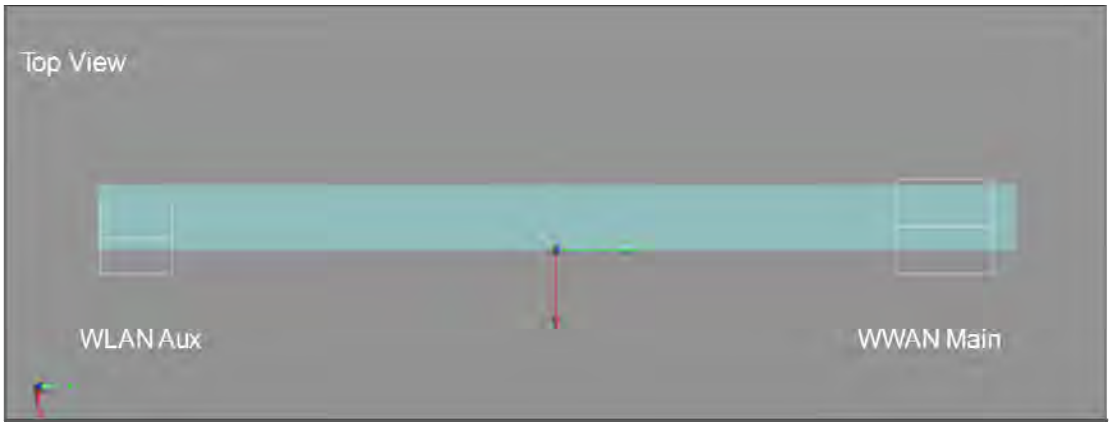


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

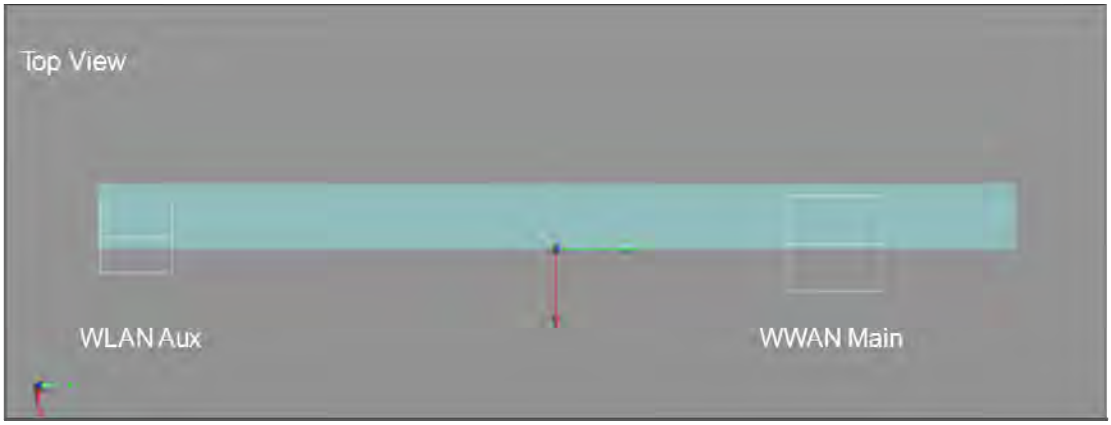
LTE Band 2



LTE Band 4

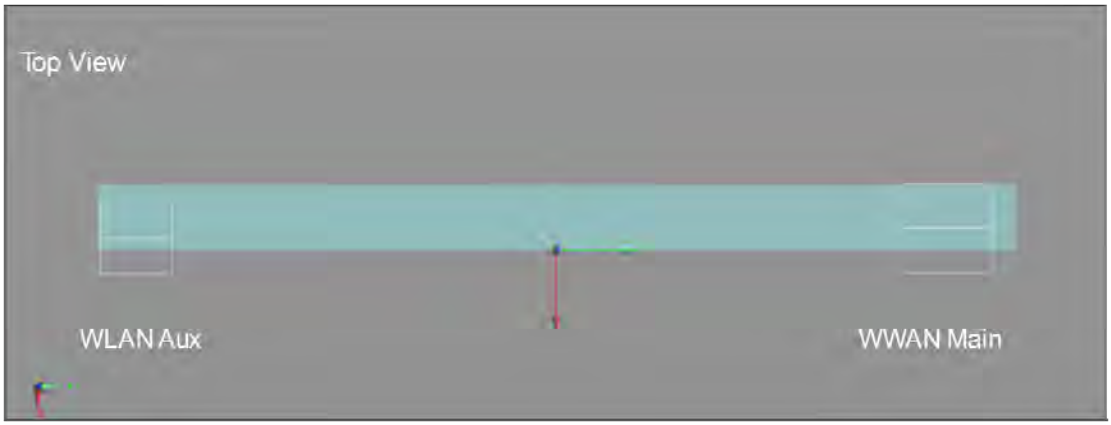


LTE Band 5

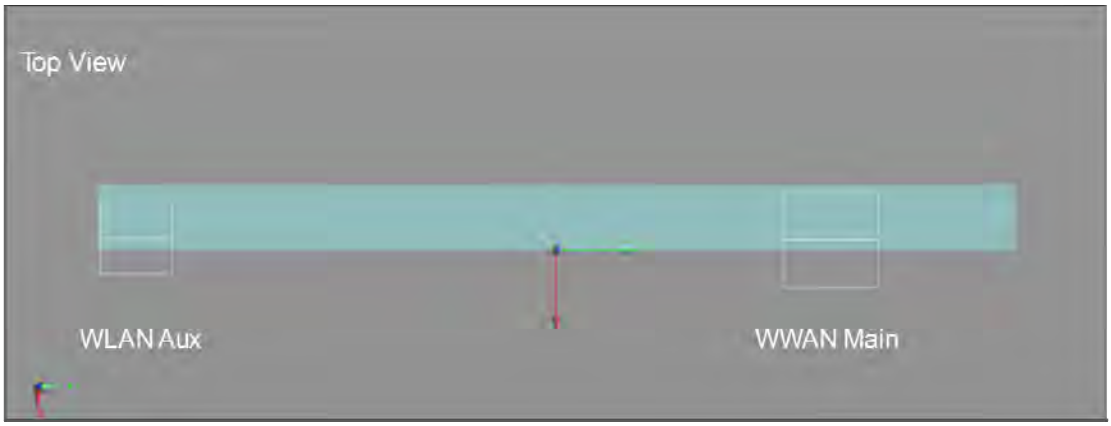


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

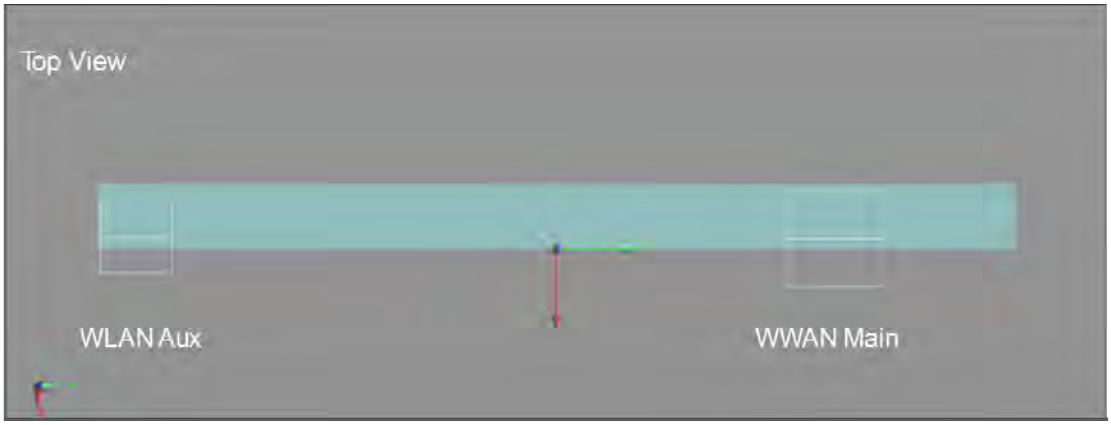
LTE Band 7



LTE Band 12

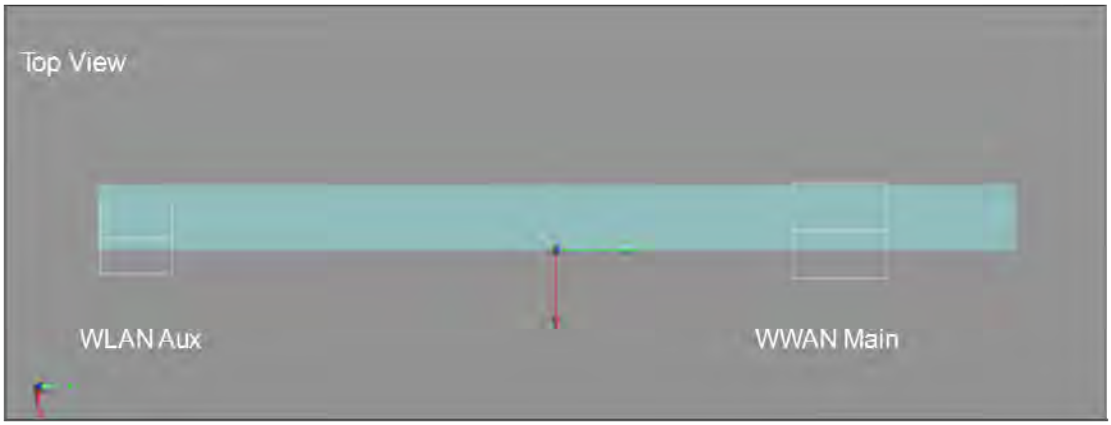


LTE Band 13

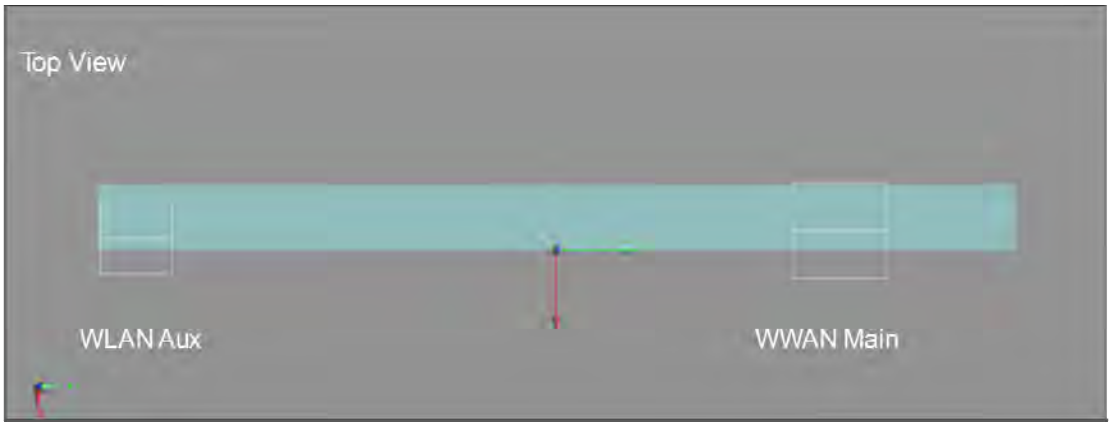


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

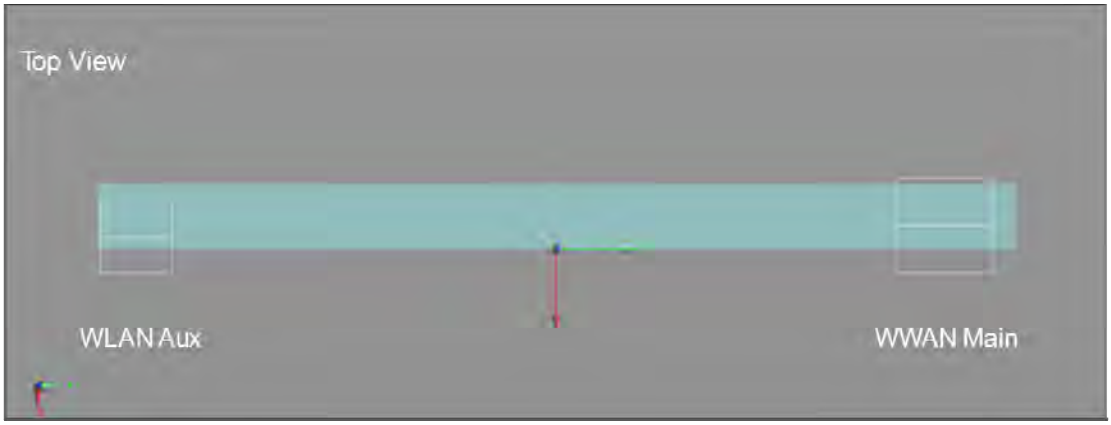
LTE Band 14



LTE Band 17

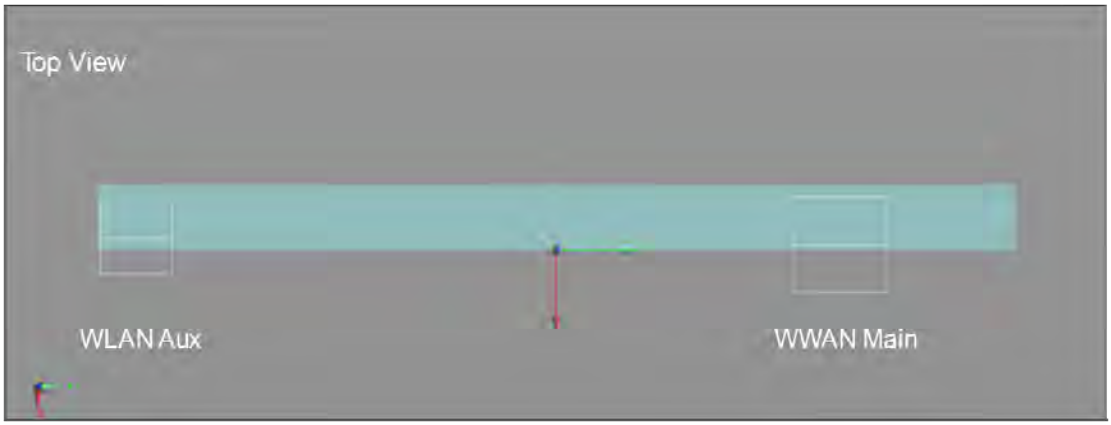


LTE Band 25

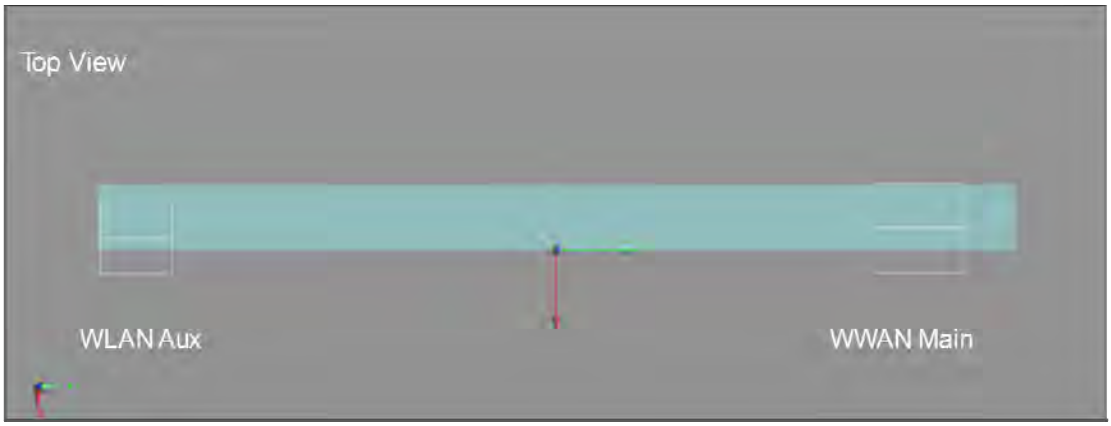


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

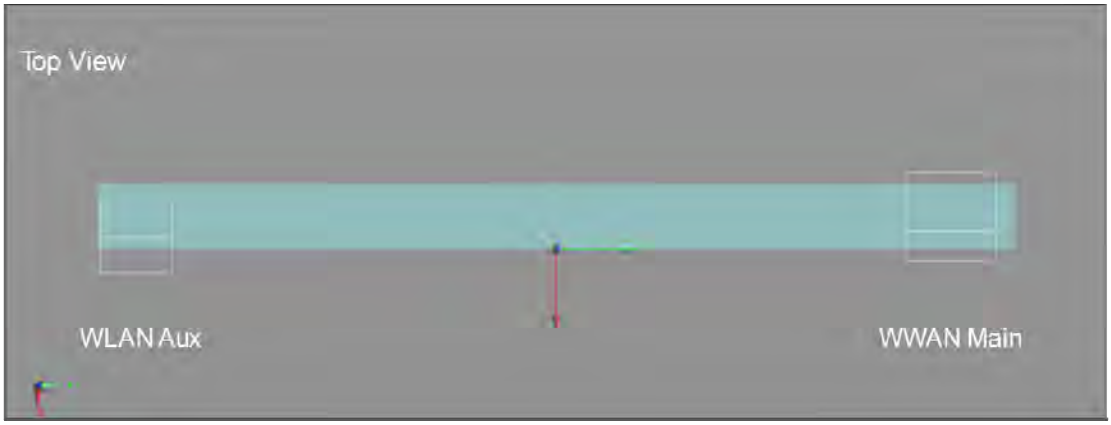
LTE Band 26



LTE Band 30

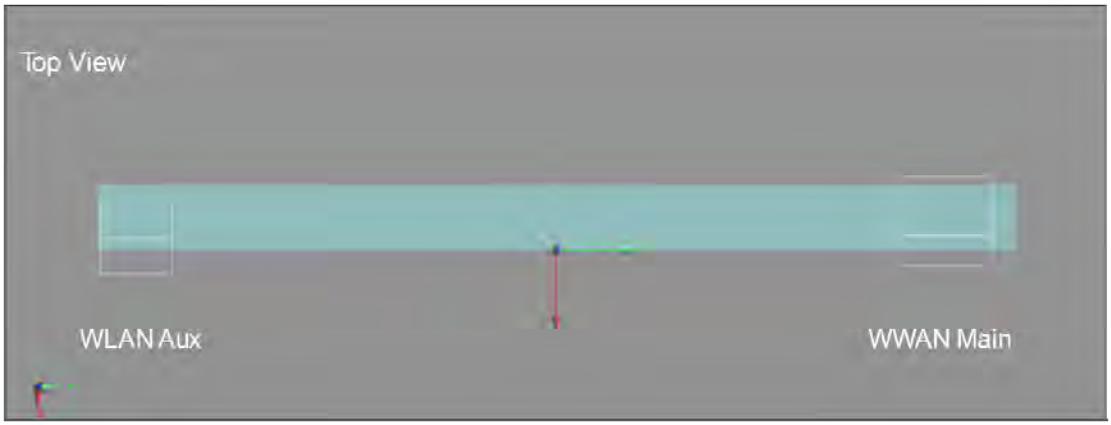


LTE Band 38

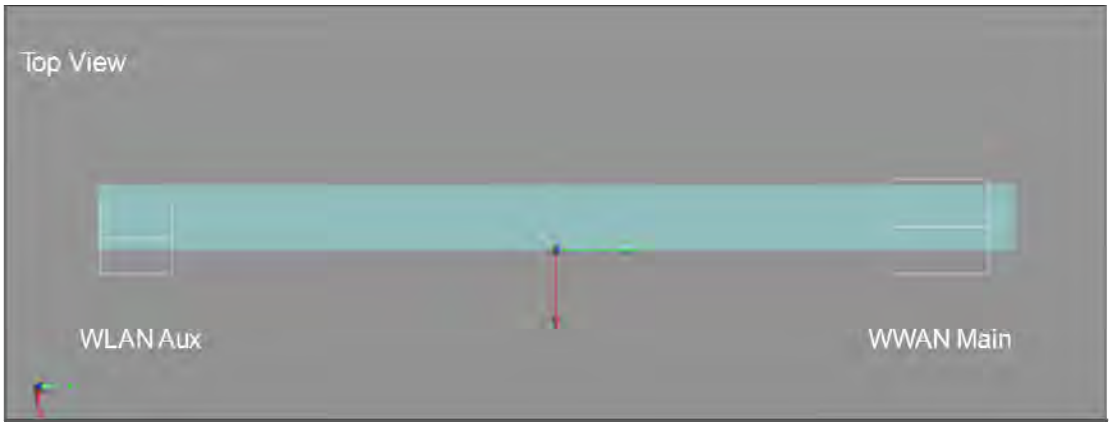


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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



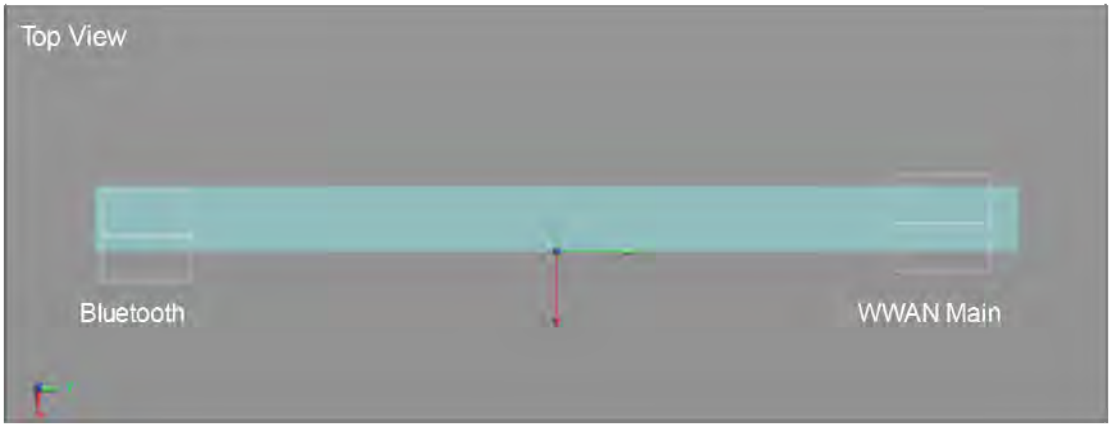
LTE Band 66



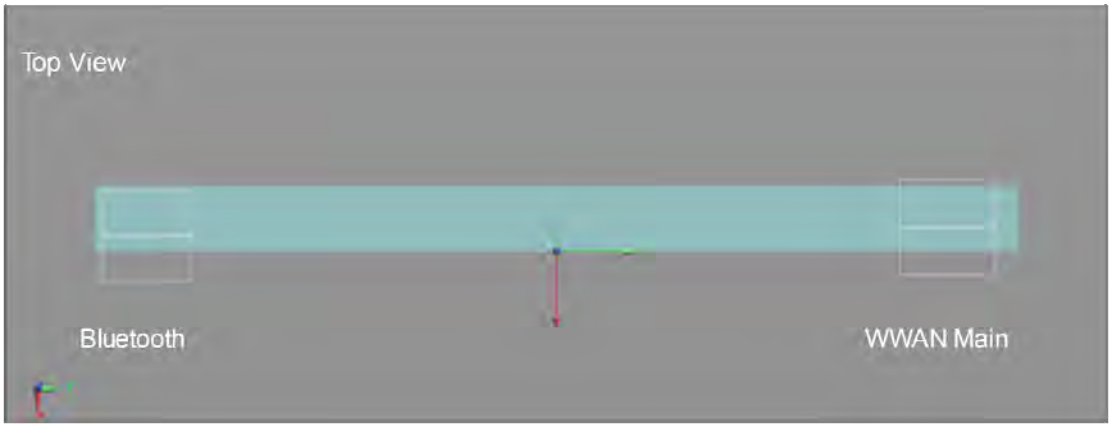
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Top_BT→WWAN

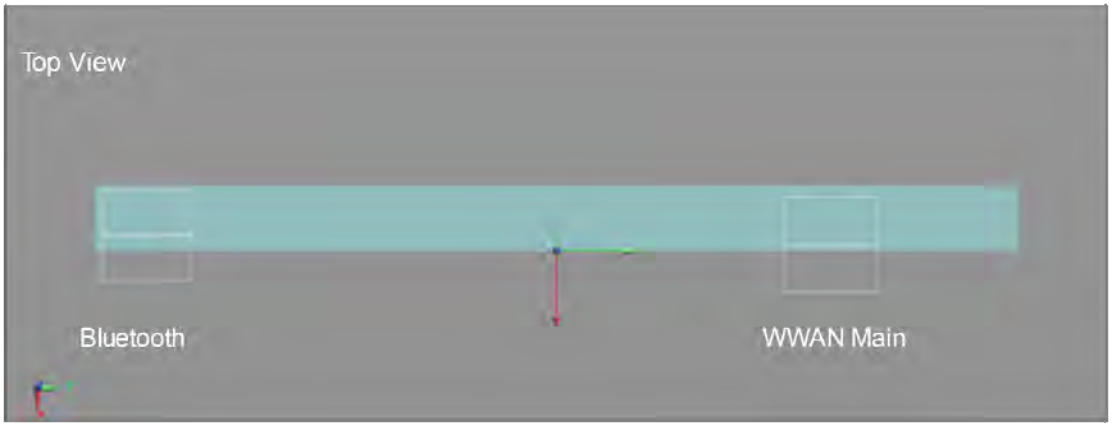
WCDMA Band 2



WCDMA Band 4

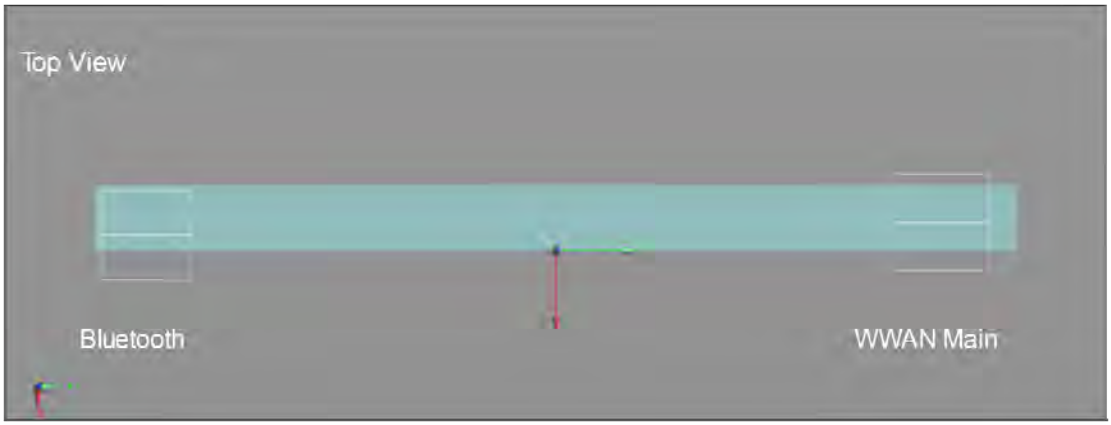


WCDMA Band 5

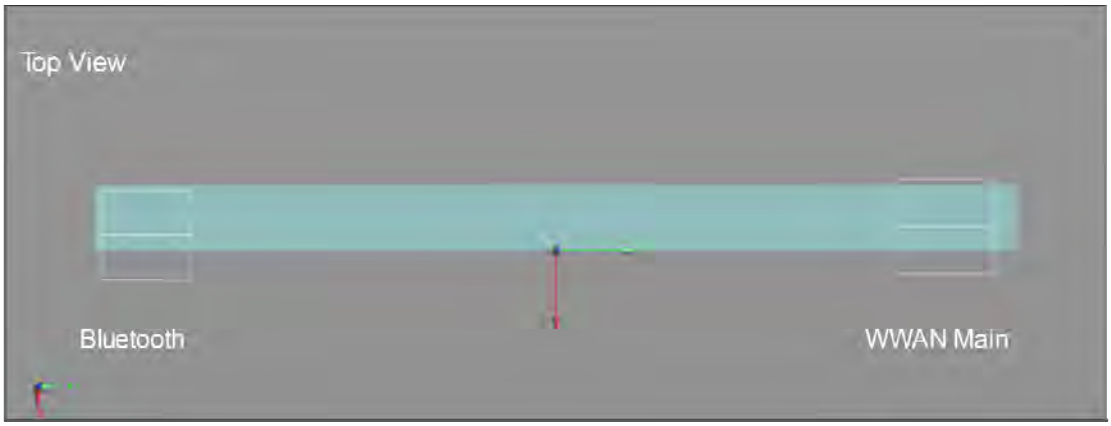


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

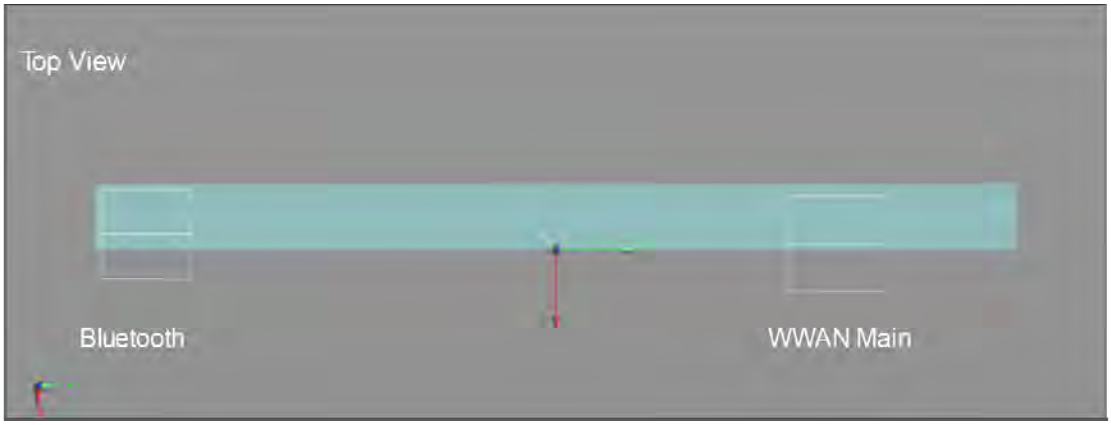
LTE Band 2



LTE Band 4

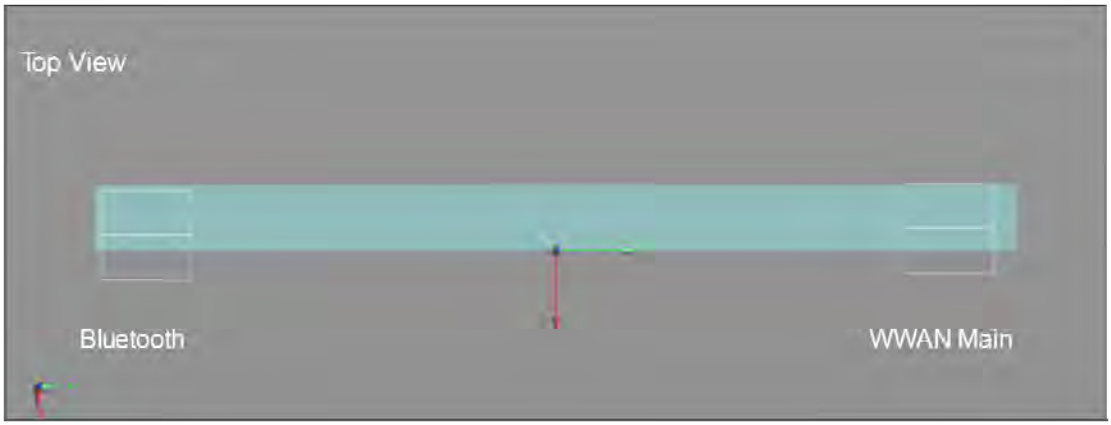


LTE Band 5

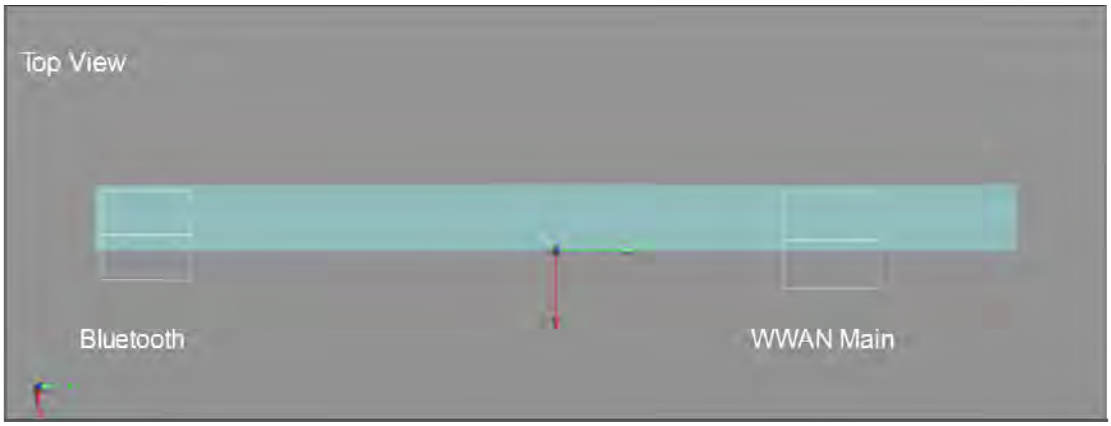


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

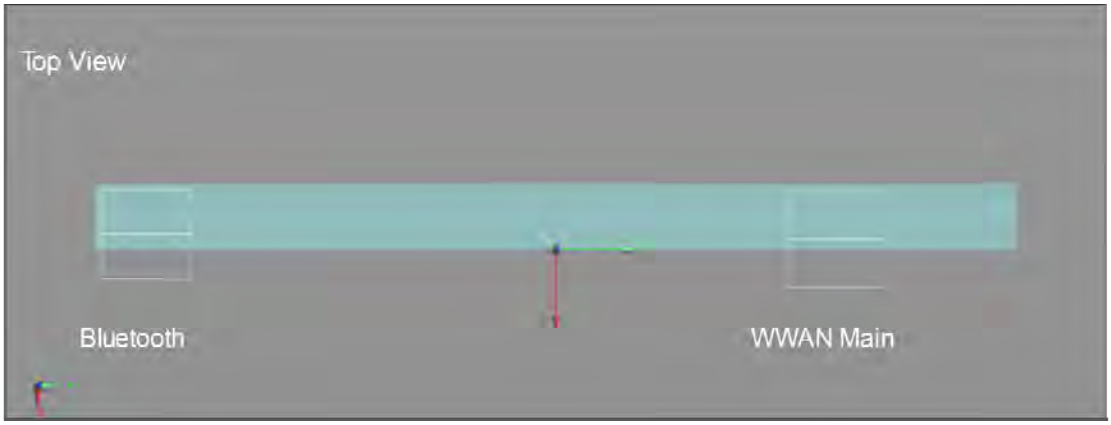
LTE Band 7



LTE Band 12

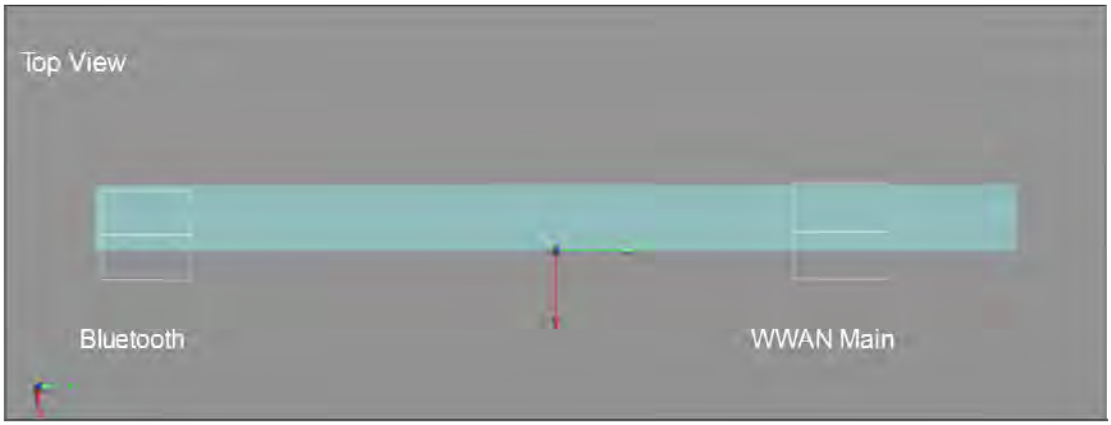


LTE Band 13

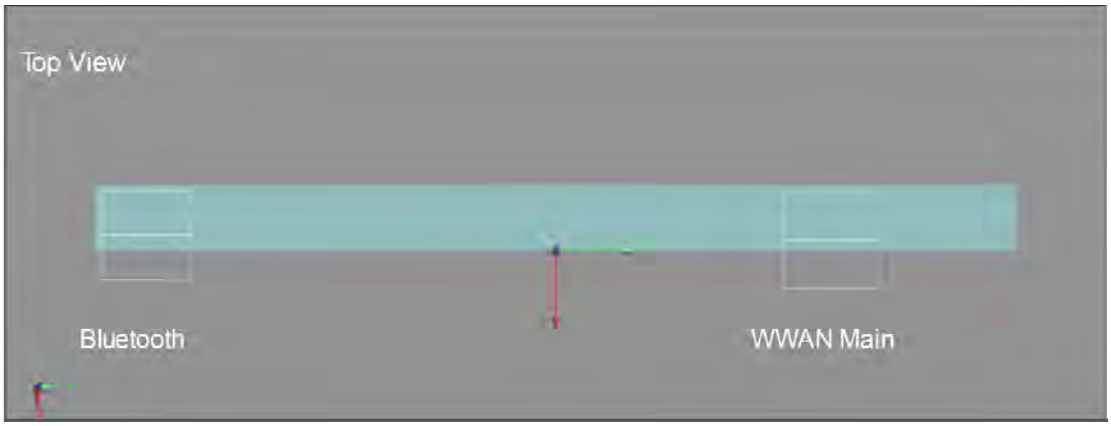


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

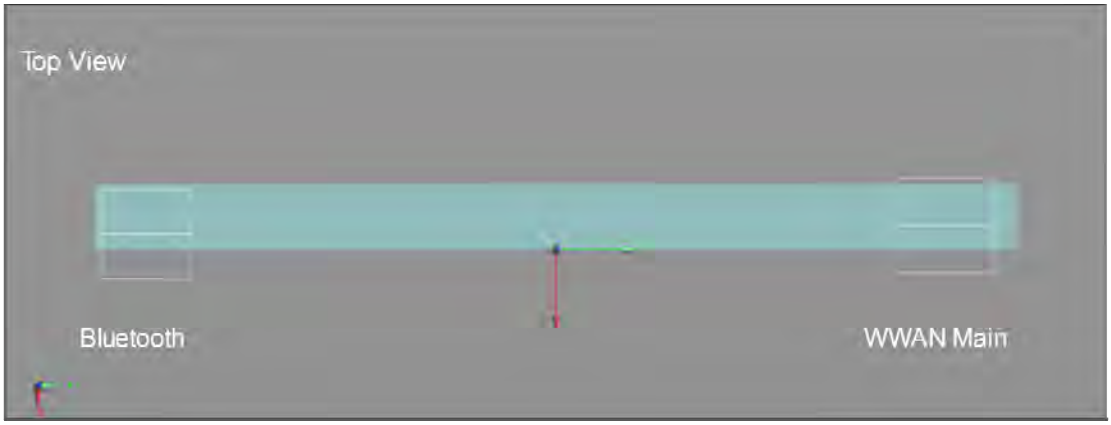
LTE Band 14



LTE Band 17

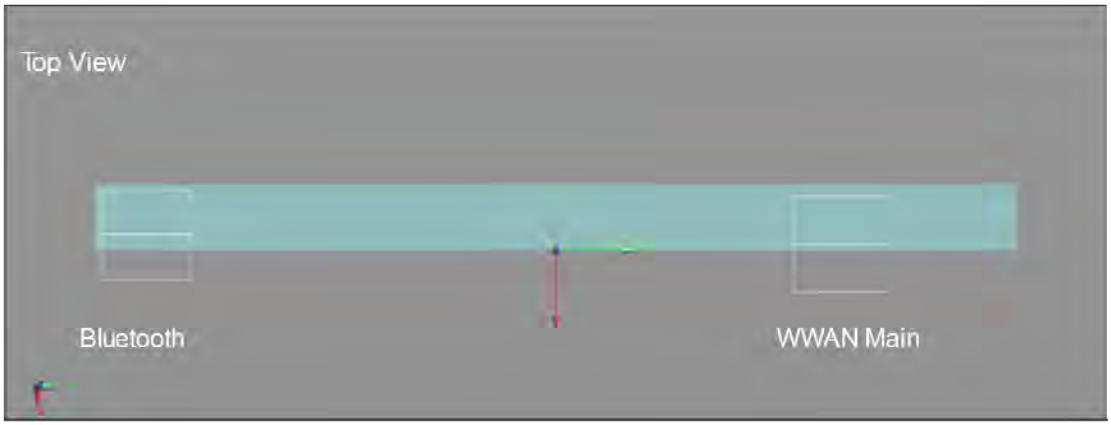


LTE Band 25

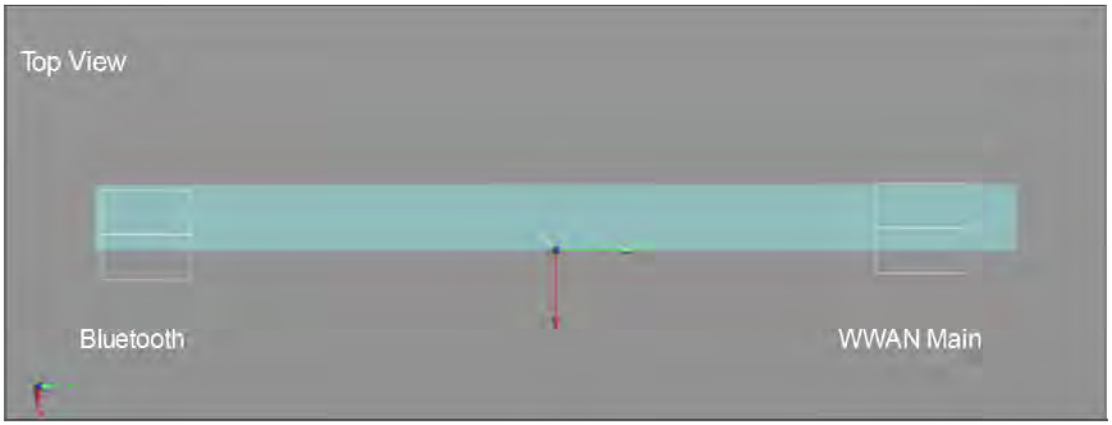


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

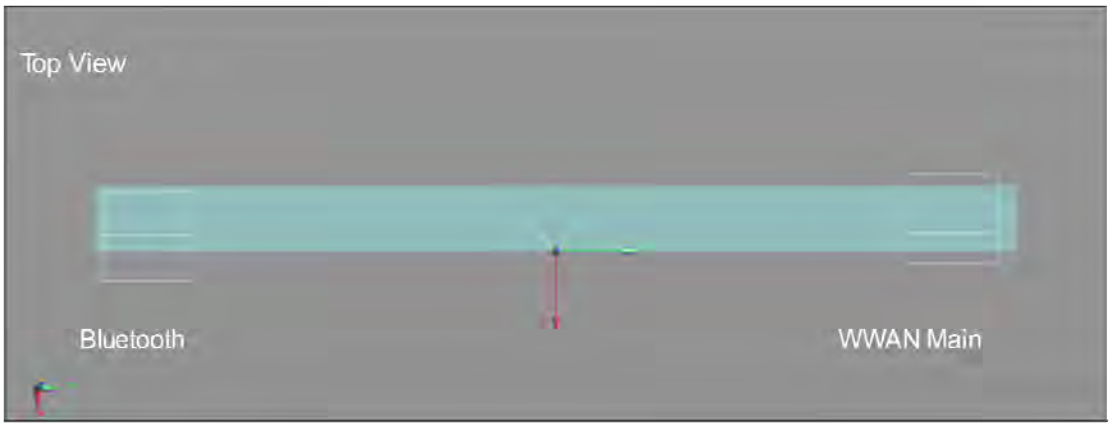
LTE Band 26



LTE Band 30

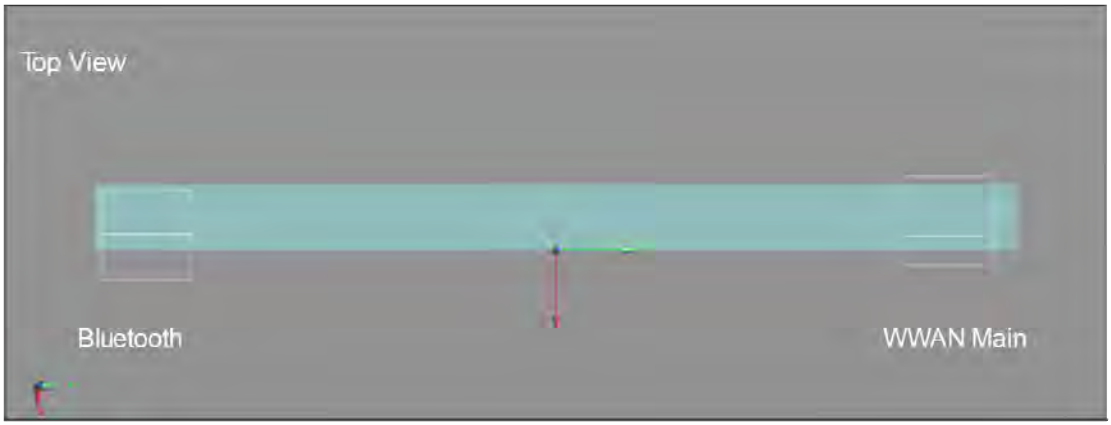


LTE Band 38

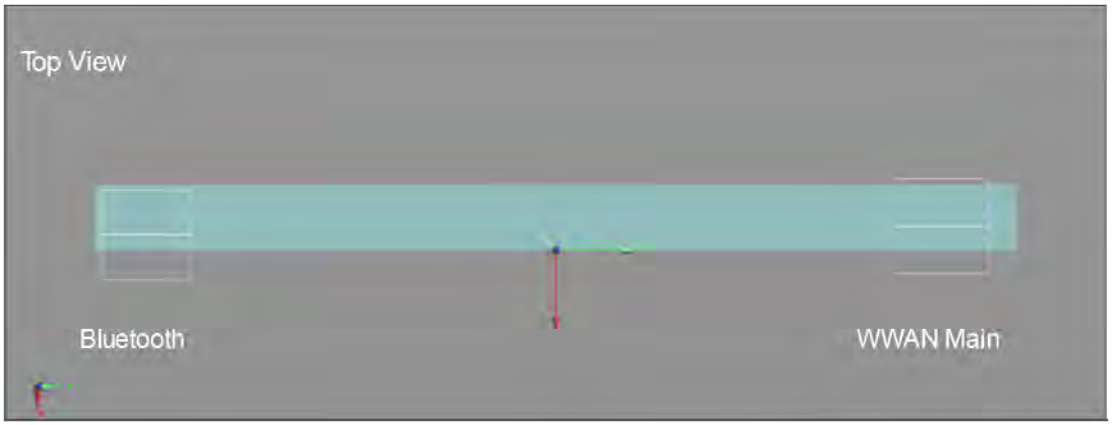


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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



LTE Band 66



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Bottom side WWAN + 2.4G WLAN

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Max. WLAN Aux	SAR Sum	SPLSR
29	Bottom side	WCDMA Band 2	0	0.035	0.005	0.022	0.062	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.041	0.005	0.022	0.068	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.039	0.005	0.022	0.066	ΣSAR<1.6, Not required
		LTE Band 2	0	0.029	0.005	0.022	0.056	ΣSAR<1.6, Not required
		LTE Band 4	0	0.040	0.005	0.022	0.067	ΣSAR<1.6, Not required
		LTE Band 5	0	0.040	0.005	0.022	0.067	ΣSAR<1.6, Not required
		LTE Band 7	0	0.045	0.005	0.022	0.072	ΣSAR<1.6, Not required
		LTE Band 12	0	0.038	0.005	0.022	0.065	ΣSAR<1.6, Not required
		LTE Band 13	0	0.045	0.005	0.022	0.072	ΣSAR<1.6, Not required
		LTE Band 14	0	0.051	0.005	0.022	0.078	ΣSAR<1.6, Not required
		LTE Band 17	0	0.046	0.005	0.022	0.073	ΣSAR<1.6, Not required
		LTE Band 25	0	0.035	0.005	0.022	0.062	ΣSAR<1.6, Not required
		LTE Band 26	0	0.041	0.005	0.022	0.068	ΣSAR<1.6, Not required
		LTE Band 30	0	0.043	0.005	0.022	0.070	ΣSAR<1.6, Not required
		LTE Band 38	0	0.043	0.005	0.022	0.070	ΣSAR<1.6, Not required
		LTE Band 41	0	0.053	0.005	0.022	0.080	ΣSAR<1.6, Not required
		LTE Band 66	0	0.041	0.005	0.022	0.068	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Bottom side WWAN + 5G WLAN

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Max. WLAN Aux	SAR Sum	SPLSR
30	Bottom side	WCDMA Band 2	0	0.035	0.011	0.021	0.067	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.041	0.011	0.021	0.073	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.039	0.011	0.021	0.071	ΣSAR<1.6, Not required
		LTE Band 2	0	0.029	0.011	0.021	0.061	ΣSAR<1.6, Not required
		LTE Band 4	0	0.040	0.011	0.021	0.072	ΣSAR<1.6, Not required
		LTE Band 5	0	0.040	0.011	0.021	0.072	ΣSAR<1.6, Not required
		LTE Band 7	0	0.045	0.011	0.021	0.077	ΣSAR<1.6, Not required
		LTE Band 12	0	0.038	0.011	0.021	0.070	ΣSAR<1.6, Not required
		LTE Band 13	0	0.045	0.011	0.021	0.077	ΣSAR<1.6, Not required
		LTE Band 14	0	0.051	0.011	0.021	0.083	ΣSAR<1.6, Not required
		LTE Band 17	0	0.046	0.011	0.021	0.078	ΣSAR<1.6, Not required
		LTE Band 25	0	0.035	0.011	0.021	0.067	ΣSAR<1.6, Not required
		LTE Band 26	0	0.041	0.011	0.021	0.073	ΣSAR<1.6, Not required
		LTE Band 30	0	0.043	0.011	0.021	0.075	ΣSAR<1.6, Not required
		LTE Band 38	0	0.043	0.011	0.021	0.075	ΣSAR<1.6, Not required
		LTE Band 41	0	0.053	0.011	0.021	0.085	ΣSAR<1.6, Not required
		LTE Band 66	0	0.041	0.011	0.021	0.073	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Bottom side WWAN + 2.4G WLAN Main + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Bluetooth	SAR Sum	SPLSR
31	Bottom side	WCDMA Band 2	0	0.035	0.005	0.005	0.045	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.041	0.005	0.005	0.051	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.039	0.005	0.005	0.049	ΣSAR<1.6, Not required
		LTE Band 2	0	0.029	0.005	0.005	0.039	ΣSAR<1.6, Not required
		LTE Band 4	0	0.040	0.005	0.005	0.050	ΣSAR<1.6, Not required
		LTE Band 5	0	0.040	0.005	0.005	0.050	ΣSAR<1.6, Not required
		LTE Band 7	0	0.045	0.005	0.005	0.055	ΣSAR<1.6, Not required
		LTE Band 12	0	0.038	0.005	0.005	0.048	ΣSAR<1.6, Not required
		LTE Band 13	0	0.045	0.005	0.005	0.055	ΣSAR<1.6, Not required
		LTE Band 14	0	0.051	0.005	0.005	0.061	ΣSAR<1.6, Not required
		LTE Band 17	0	0.046	0.005	0.005	0.056	ΣSAR<1.6, Not required
		LTE Band 25	0	0.035	0.005	0.005	0.045	ΣSAR<1.6, Not required
		LTE Band 26	0	0.041	0.005	0.005	0.051	ΣSAR<1.6, Not required
		LTE Band 30	0	0.043	0.005	0.005	0.053	ΣSAR<1.6, Not required
		LTE Band 38	0	0.043	0.005	0.005	0.053	ΣSAR<1.6, Not required
		LTE Band 41	0	0.053	0.005	0.005	0.063	ΣSAR<1.6, Not required
		LTE Band 66	0	0.041	0.005	0.005	0.051	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Bottom side WWAN + 5G WLAN Main + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Bluetooth	SAR Sum	SPLSR
32	Bottom side	WCDMA Band 2	0	0.035	0.011	0.005	0.051	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.041	0.011	0.005	0.057	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.039	0.011	0.005	0.055	ΣSAR<1.6, Not required
		LTE Band 2	0	0.029	0.011	0.005	0.045	ΣSAR<1.6, Not required
		LTE Band 4	0	0.040	0.011	0.005	0.056	ΣSAR<1.6, Not required
		LTE Band 5	0	0.040	0.011	0.005	0.056	ΣSAR<1.6, Not required
		LTE Band 7	0	0.045	0.011	0.005	0.061	ΣSAR<1.6, Not required
		LTE Band 12	0	0.038	0.011	0.005	0.054	ΣSAR<1.6, Not required
		LTE Band 13	0	0.045	0.011	0.005	0.061	ΣSAR<1.6, Not required
		LTE Band 14	0	0.051	0.011	0.005	0.067	ΣSAR<1.6, Not required
		LTE Band 17	0	0.046	0.011	0.005	0.062	ΣSAR<1.6, Not required
		LTE Band 25	0	0.035	0.011	0.005	0.051	ΣSAR<1.6, Not required
		LTE Band 26	0	0.041	0.011	0.005	0.057	ΣSAR<1.6, Not required
		LTE Band 30	0	0.043	0.011	0.005	0.059	ΣSAR<1.6, Not required
		LTE Band 38	0	0.043	0.011	0.005	0.059	ΣSAR<1.6, Not required
		LTE Band 41	0	0.053	0.011	0.005	0.069	ΣSAR<1.6, Not required
		LTE Band 66	0	0.041	0.011	0.005	0.057	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Right side WWAN + 2.4G WLAN

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Max. WLAN Aux	SAR Sum	SPLSR
33	Right side	WCDMA Band 2	0	0.492	0.004	0.021	0.517	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.475	0.004	0.021	0.500	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.479	0.004	0.021	0.504	ΣSAR<1.6, Not required
		LTE Band 2	0	0.436	0.004	0.021	0.461	ΣSAR<1.6, Not required
		LTE Band 4	0	0.413	0.004	0.021	0.438	ΣSAR<1.6, Not required
		LTE Band 5	0	0.403	0.004	0.021	0.428	ΣSAR<1.6, Not required
		LTE Band 7	0	0.528	0.004	0.021	0.553	ΣSAR<1.6, Not required
		LTE Band 12	0	0.385	0.004	0.021	0.410	ΣSAR<1.6, Not required
		LTE Band 13	0	0.446	0.004	0.021	0.471	ΣSAR<1.6, Not required
		LTE Band 14	0	0.443	0.004	0.021	0.468	ΣSAR<1.6, Not required
		LTE Band 17	0	0.466	0.004	0.021	0.491	ΣSAR<1.6, Not required
		LTE Band 25	0	0.539	0.004	0.021	0.564	ΣSAR<1.6, Not required
		LTE Band 26	0	0.425	0.004	0.021	0.450	ΣSAR<1.6, Not required
		LTE Band 30	0	0.519	0.004	0.021	0.544	ΣSAR<1.6, Not required
		LTE Band 38	0	0.504	0.004	0.021	0.529	ΣSAR<1.6, Not required
		LTE Band 41	0	0.663	0.004	0.021	0.688	ΣSAR<1.6, Not required
		LTE Band 66	0	0.477	0.004	0.021	0.502	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Right side WWAN + 5G WLAN

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Max. WLAN Aux	SAR Sum	SPLSR
34	Right side	WCDMA Band 2	0	0.492	0.011	0.018	0.521	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.475	0.011	0.018	0.504	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.479	0.011	0.018	0.508	ΣSAR<1.6, Not required
		LTE Band 2	0	0.436	0.011	0.018	0.465	ΣSAR<1.6, Not required
		LTE Band 4	0	0.413	0.011	0.018	0.442	ΣSAR<1.6, Not required
		LTE Band 5	0	0.403	0.011	0.018	0.432	ΣSAR<1.6, Not required
		LTE Band 7	0	0.528	0.011	0.018	0.557	ΣSAR<1.6, Not required
		LTE Band 12	0	0.385	0.011	0.018	0.414	ΣSAR<1.6, Not required
		LTE Band 13	0	0.446	0.011	0.018	0.475	ΣSAR<1.6, Not required
		LTE Band 14	0	0.443	0.011	0.018	0.472	ΣSAR<1.6, Not required
		LTE Band 17	0	0.466	0.011	0.018	0.495	ΣSAR<1.6, Not required
		LTE Band 25	0	0.539	0.011	0.018	0.568	ΣSAR<1.6, Not required
		LTE Band 26	0	0.425	0.011	0.018	0.454	ΣSAR<1.6, Not required
		LTE Band 30	0	0.519	0.011	0.018	0.548	ΣSAR<1.6, Not required
		LTE Band 38	0	0.504	0.011	0.018	0.533	ΣSAR<1.6, Not required
		LTE Band 41	0	0.663	0.011	0.018	0.692	ΣSAR<1.6, Not required
		LTE Band 66	0	0.477	0.011	0.018	0.506	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Right side WWAN + 2.4G WLAN Main + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Bluetooth	SAR Sum	SPLSR
35	Right side	WCDMA Band 2	0	0.492	0.004	0.003	0.499	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.475	0.004	0.003	0.482	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.479	0.004	0.003	0.486	ΣSAR<1.6, Not required
		LTE Band 2	0	0.436	0.004	0.003	0.443	ΣSAR<1.6, Not required
		LTE Band 4	0	0.413	0.004	0.003	0.420	ΣSAR<1.6, Not required
		LTE Band 5	0	0.403	0.004	0.003	0.410	ΣSAR<1.6, Not required
		LTE Band 7	0	0.528	0.004	0.003	0.535	ΣSAR<1.6, Not required
		LTE Band 12	0	0.385	0.004	0.003	0.392	ΣSAR<1.6, Not required
		LTE Band 13	0	0.446	0.004	0.003	0.453	ΣSAR<1.6, Not required
		LTE Band 14	0	0.443	0.004	0.003	0.450	ΣSAR<1.6, Not required
		LTE Band 17	0	0.466	0.004	0.003	0.473	ΣSAR<1.6, Not required
		LTE Band 25	0	0.539	0.004	0.003	0.546	ΣSAR<1.6, Not required
		LTE Band 26	0	0.425	0.004	0.003	0.432	ΣSAR<1.6, Not required
		LTE Band 30	0	0.519	0.004	0.003	0.526	ΣSAR<1.6, Not required
		LTE Band 38	0	0.504	0.004	0.003	0.511	ΣSAR<1.6, Not required
		LTE Band 41	0	0.663	0.004	0.003	0.670	ΣSAR<1.6, Not required
		LTE Band 66	0	0.477	0.004	0.003	0.484	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Right side WWAN + 5G WLAN Main + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Bluetooth	SAR Sum	SPLSR
36	Right side	WCDMA Band 2	0	0.492	0.011	0.003	0.506	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.475	0.011	0.003	0.489	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.479	0.011	0.003	0.493	ΣSAR<1.6, Not required
		LTE Band 2	0	0.436	0.011	0.003	0.450	ΣSAR<1.6, Not required
		LTE Band 4	0	0.413	0.011	0.003	0.427	ΣSAR<1.6, Not required
		LTE Band 5	0	0.403	0.011	0.003	0.417	ΣSAR<1.6, Not required
		LTE Band 7	0	0.528	0.011	0.003	0.542	ΣSAR<1.6, Not required
		LTE Band 12	0	0.385	0.011	0.003	0.399	ΣSAR<1.6, Not required
		LTE Band 13	0	0.446	0.011	0.003	0.460	ΣSAR<1.6, Not required
		LTE Band 14	0	0.443	0.011	0.003	0.457	ΣSAR<1.6, Not required
		LTE Band 17	0	0.466	0.011	0.003	0.480	ΣSAR<1.6, Not required
		LTE Band 25	0	0.539	0.011	0.003	0.553	ΣSAR<1.6, Not required
		LTE Band 26	0	0.425	0.011	0.003	0.439	ΣSAR<1.6, Not required
		LTE Band 30	0	0.519	0.011	0.003	0.533	ΣSAR<1.6, Not required
		LTE Band 38	0	0.504	0.011	0.003	0.518	ΣSAR<1.6, Not required
		LTE Band 41	0	0.663	0.011	0.003	0.677	ΣSAR<1.6, Not required
		LTE Band 66	0	0.477	0.011	0.003	0.491	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Left side WWAN + 2.4G WLAN

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Max. WLAN Aux	SAR Sum	SPLSR
37	Left side	WCDMA Band 2	0	0.055	0.125	0.395	0.575	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.052	0.125	0.395	0.572	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.050	0.125	0.395	0.570	ΣSAR<1.6, Not required
		LTE Band 2	0	0.047	0.125	0.395	0.567	ΣSAR<1.6, Not required
		LTE Band 4	0	0.053	0.125	0.395	0.573	ΣSAR<1.6, Not required
		LTE Band 5	0	0.053	0.125	0.395	0.573	ΣSAR<1.6, Not required
		LTE Band 7	0	0.057	0.125	0.395	0.577	ΣSAR<1.6, Not required
		LTE Band 12	0	0.052	0.125	0.395	0.572	ΣSAR<1.6, Not required
		LTE Band 13	0	0.059	0.125	0.395	0.579	ΣSAR<1.6, Not required
		LTE Band 14	0	0.060	0.125	0.395	0.580	ΣSAR<1.6, Not required
		LTE Band 17	0	0.063	0.125	0.395	0.583	ΣSAR<1.6, Not required
		LTE Band 25	0	0.055	0.125	0.395	0.575	ΣSAR<1.6, Not required
		LTE Band 26	0	0.051	0.125	0.395	0.571	ΣSAR<1.6, Not required
		LTE Band 30	0	0.053	0.125	0.395	0.573	ΣSAR<1.6, Not required
		LTE Band 38	0	0.055	0.125	0.395	0.575	ΣSAR<1.6, Not required
		LTE Band 41	0	0.073	0.125	0.395	0.593	ΣSAR<1.6, Not required
		LTE Band 66	0	0.051	0.125	0.395	0.571	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Left side WWAN + 5G WLAN

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Max. WLAN Aux	SAR Sum	SPLSR
38	Left side	WCDMA Band 2	0	0.055	0.186	0.187	0.428	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.052	0.186	0.187	0.425	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.050	0.186	0.187	0.423	ΣSAR<1.6, Not required
		LTE Band 2	0	0.047	0.186	0.187	0.420	ΣSAR<1.6, Not required
		LTE Band 4	0	0.053	0.186	0.187	0.426	ΣSAR<1.6, Not required
		LTE Band 5	0	0.053	0.186	0.187	0.426	ΣSAR<1.6, Not required
		LTE Band 7	0	0.057	0.186	0.187	0.430	ΣSAR<1.6, Not required
		LTE Band 12	0	0.052	0.186	0.187	0.425	ΣSAR<1.6, Not required
		LTE Band 13	0	0.059	0.186	0.187	0.432	ΣSAR<1.6, Not required
		LTE Band 14	0	0.060	0.186	0.187	0.433	ΣSAR<1.6, Not required
		LTE Band 17	0	0.063	0.186	0.187	0.436	ΣSAR<1.6, Not required
		LTE Band 25	0	0.055	0.186	0.187	0.428	ΣSAR<1.6, Not required
		LTE Band 26	0	0.051	0.186	0.187	0.424	ΣSAR<1.6, Not required
		LTE Band 30	0	0.053	0.186	0.187	0.426	ΣSAR<1.6, Not required
		LTE Band 38	0	0.055	0.186	0.187	0.428	ΣSAR<1.6, Not required
		LTE Band 41	0	0.073	0.186	0.187	0.446	ΣSAR<1.6, Not required
		LTE Band 66	0	0.051	0.186	0.187	0.424	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Left side WWAN + 2.4G WLAN Main + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Bluetooth	SAR Sum	SPLSR
39	Left side	WCDMA Band 2	0	0.055	0.125	0.077	0.257	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.052	0.125	0.077	0.254	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.050	0.125	0.077	0.252	ΣSAR<1.6, Not required
		LTE Band 2	0	0.047	0.125	0.077	0.249	ΣSAR<1.6, Not required
		LTE Band 4	0	0.053	0.125	0.077	0.255	ΣSAR<1.6, Not required
		LTE Band 5	0	0.053	0.125	0.077	0.255	ΣSAR<1.6, Not required
		LTE Band 7	0	0.057	0.125	0.077	0.259	ΣSAR<1.6, Not required
		LTE Band 12	0	0.052	0.125	0.077	0.254	ΣSAR<1.6, Not required
		LTE Band 13	0	0.059	0.125	0.077	0.261	ΣSAR<1.6, Not required
		LTE Band 14	0	0.060	0.125	0.077	0.262	ΣSAR<1.6, Not required
		LTE Band 17	0	0.063	0.125	0.077	0.265	ΣSAR<1.6, Not required
		LTE Band 25	0	0.055	0.125	0.077	0.257	ΣSAR<1.6, Not required
		LTE Band 26	0	0.051	0.125	0.077	0.253	ΣSAR<1.6, Not required
		LTE Band 30	0	0.053	0.125	0.077	0.255	ΣSAR<1.6, Not required
		LTE Band 38	0	0.055	0.125	0.077	0.257	ΣSAR<1.6, Not required
		LTE Band 41	0	0.073	0.125	0.077	0.275	ΣSAR<1.6, Not required
		LTE Band 66	0	0.051	0.125	0.077	0.253	ΣSAR<1.6, 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Left side WWAN + 5G WLAN Main + BT

No.	Position	Conditions	Distance (mm)	Max. WWAN	Max. WLAN	Bluetooth	SAR Sum	SPLSR
40	Left side	WCDMA Band 2	0	0.055	0.186	0.077	0.318	ΣSAR<1.6, Not required
		WCDMA Band 4	0	0.052	0.186	0.077	0.315	ΣSAR<1.6, Not required
		WCDMA Band 5	0	0.050	0.186	0.077	0.313	ΣSAR<1.6, Not required
		LTE Band 2	0	0.047	0.186	0.077	0.310	ΣSAR<1.6, Not required
		LTE Band 4	0	0.053	0.186	0.077	0.316	ΣSAR<1.6, Not required
		LTE Band 5	0	0.053	0.186	0.077	0.316	ΣSAR<1.6, Not required
		LTE Band 7	0	0.057	0.186	0.077	0.320	ΣSAR<1.6, Not required
		LTE Band 12	0	0.052	0.186	0.077	0.315	ΣSAR<1.6, Not required
		LTE Band 13	0	0.059	0.186	0.077	0.322	ΣSAR<1.6, Not required
		LTE Band 14	0	0.060	0.186	0.077	0.323	ΣSAR<1.6, Not required
		LTE Band 17	0	0.063	0.186	0.077	0.326	ΣSAR<1.6, Not required
		LTE Band 25	0	0.055	0.186	0.077	0.318	ΣSAR<1.6, Not required
		LTE Band 26	0	0.051	0.186	0.077	0.314	ΣSAR<1.6, Not required
		LTE Band 30	0	0.053	0.186	0.077	0.316	ΣSAR<1.6, Not required
		LTE Band 38	0	0.055	0.186	0.077	0.318	ΣSAR<1.6, Not required
		LTE Band 41	0	0.073	0.186	0.077	0.336	ΣSAR<1.6, Not required
		LTE Band 66	0	0.051	0.186	0.077	0.314	ΣSAR<1.6, Not required

Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because either the sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is ≦ 0.04 for all circumstances that require SPLSR calculation.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

4. Instruments List

Manufacturer	Device	Type	Serial number	Date of last calibration	Date of next calibration
SPEAG	Dosimetric E-Field Probe	EX3DV4	3770	Apr.25,2018	Apr.24,2019
SPEAG	System Validation Dipole	D750V3	1015	Aug.23,2018	Aug.22,2019
		D835V2	4d063	Aug.23,2018	Aug.22,2019
		D1750V2	1008	Aug.30,2018	Aug.29,2019
		D1900V2	5d173	Apr.25,2018	Apr.24,2019
		D2300V2	1023	Aug.24,2018	Aug.23,2019
		D2450V2	727	Apr.24,2018	Apr.23,2019
		D2600V2	1005	Jan.17,2018	Jan.16,2019
		D5GHzV2	1023	Jan.25,2018	Jan.24,2019
SPEAG	Data acquisition Electronics	DAE4	856	Apr.21,2018	Apr.20,2019
SPEAG	Software	DASY 52 V52.10.1	N/A	Calibration not required	Calibration not required
SPEAG	Phantom	ELI	N/A	Calibration not required	Calibration not required
Agilent	Network Analyzer	E5071C	MY46107530	Feb.26,2018	Feb.25,2019
Agilent	Dielectric Probe Kit	85070E	MY44300677	Calibration not required	Calibration not required
Agilent	Dual-directional coupler	772D	MY52180142	Jul.04,2018	Jul.03,2019
		778D	MY52180302	Jul.05,2018	Jul.04,2019
Agilent	RF Signal Generator	N5181A	MY50144143	Mar.15,2018	Mar.14,2019
Agilent	Power Meter	E4417A	MY52240003	Feb.01,2018	Jan.31,2019

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Manufacturer	Device	Type	Serial number	Date of last calibration	Date of next calibration
Agilent	Power Sensor	E9301H	MY52200003	Feb.01,2018	Jan.31,2019
			MY52200004	Feb.01,2018	Jan.31,2019
TECPEL	Digital thermometer	DTM-303A	TP130075	Mar.09,2018	Mar.08,2019
Anritsu	Radio Communication Test	MT8820C	6201061014	Mar.14,2018	Mar.13,2019
R&S	Radio Communication Test	CMW 500	143913	Apr.29.2018	Apr.28.2019

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

5. Measurements

Date: 2018/12/12

WCDMA Band II_Body_Top side_CH 9262_0mm

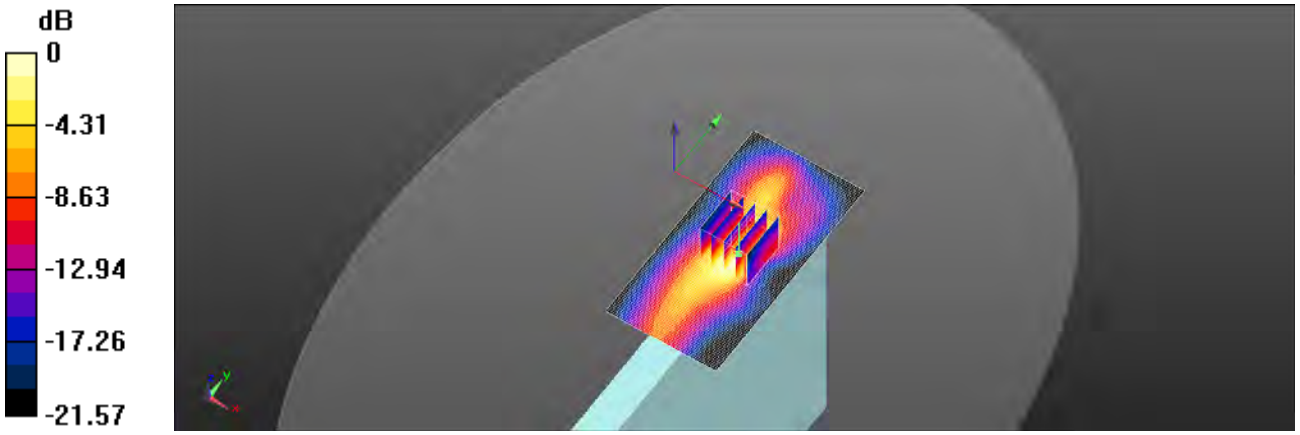
Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1852.4 MHz; σ = 1.577 S/m; ε_r = 51.049; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8, 8, 8); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.47 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.931 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 2.80 W/kg
SAR(1 g) = 1.38 W/kg; SAR(10 g) = 0.625 W/kg
Maximum value of SAR (measured) = 2.14 W/kg



0 dB = 2.14 W/kg = 3.30 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/12

WCDMA Band IV_Body_Top side_CH 1513_0mm

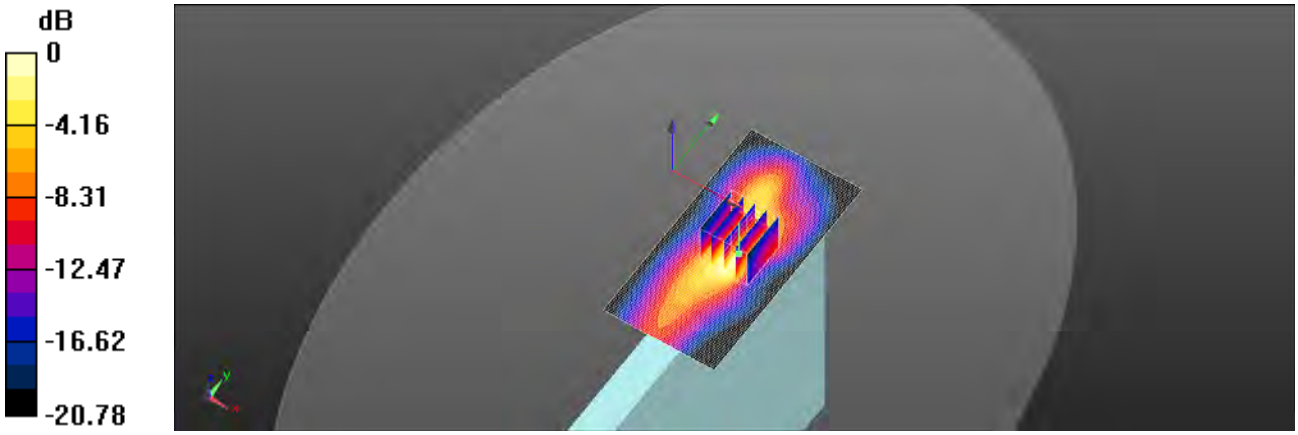
Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1753 MHz; σ = 1.469 S/m; ε_r = 51.419; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.26, 8.26, 8.26); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.32 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.460 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 2.84 W/kg
SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.627 W/kg
Maximum value of SAR (measured) = 2.19 W/kg



0 dB = 2.19 W/kg = 3.40 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/11

WCDMA Band V_Body_Top side_CH 4132_0mm

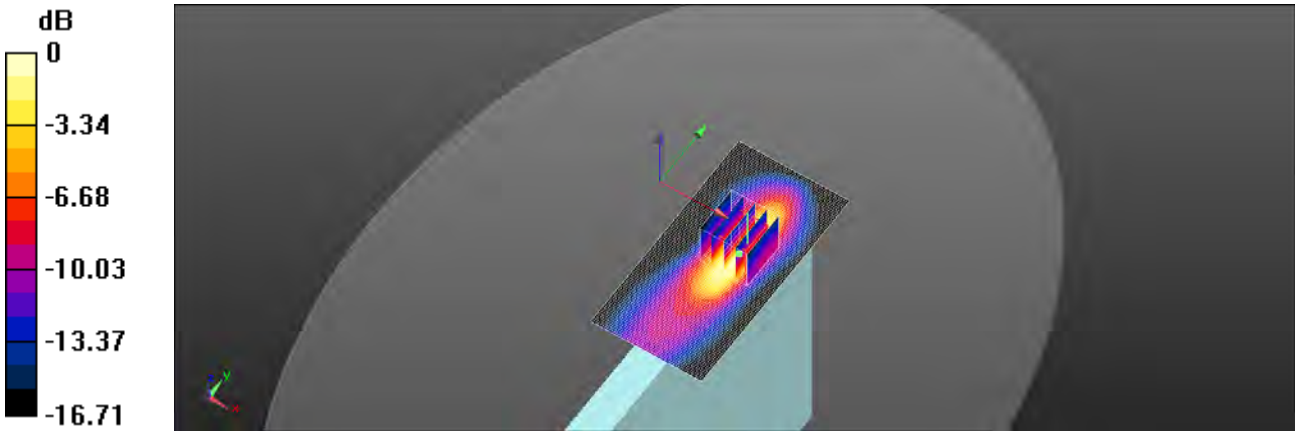
Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 826.4 MHz; σ = 0.986 S/m; ε_r = 57.312; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.72, 9.72, 9.72); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.03 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.83 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 3.17 W/kg
SAR(1 g) = 1.4 W/kg; SAR(10 g) = 0.680 W/kg
Maximum value of SAR (measured) = 2.26 W/kg



0 dB = 2.26 W/kg = 3.54 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/12

LTE Band 2 (20MHz)_Body_Top side_CH 18900_QPSK_1-0_0mm

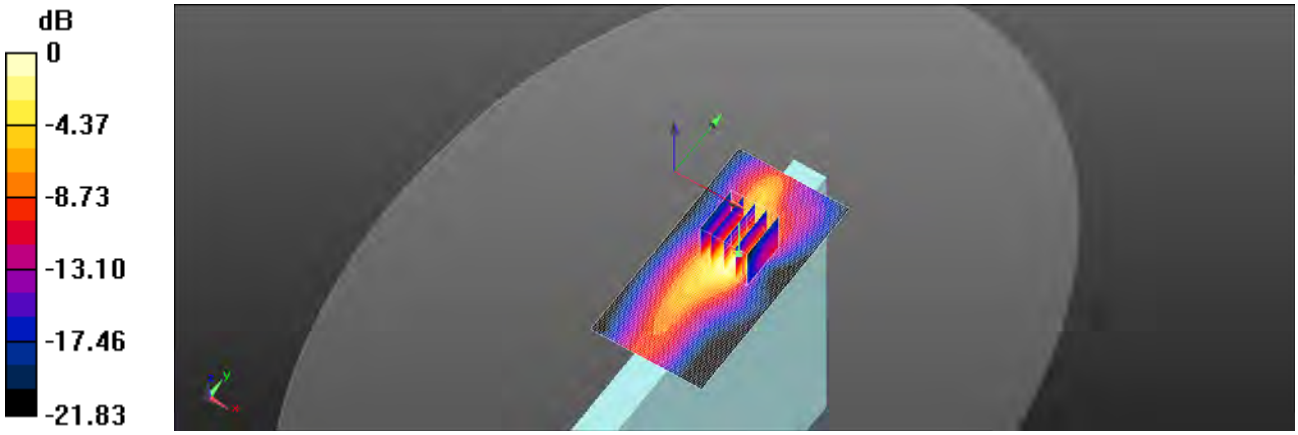
Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.61 S/m; ε_r = 50.905; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8, 8, 8); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.31 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.244 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.88 W/kg
SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.609 W/kg
Maximum value of SAR (measured) = 2.21 W/kg



0 dB = 2.21 W/kg = 3.44 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/12

LTE Band 4 (20MHz)_Body_Top side_CH 20300_QPSK_1-0_0mm

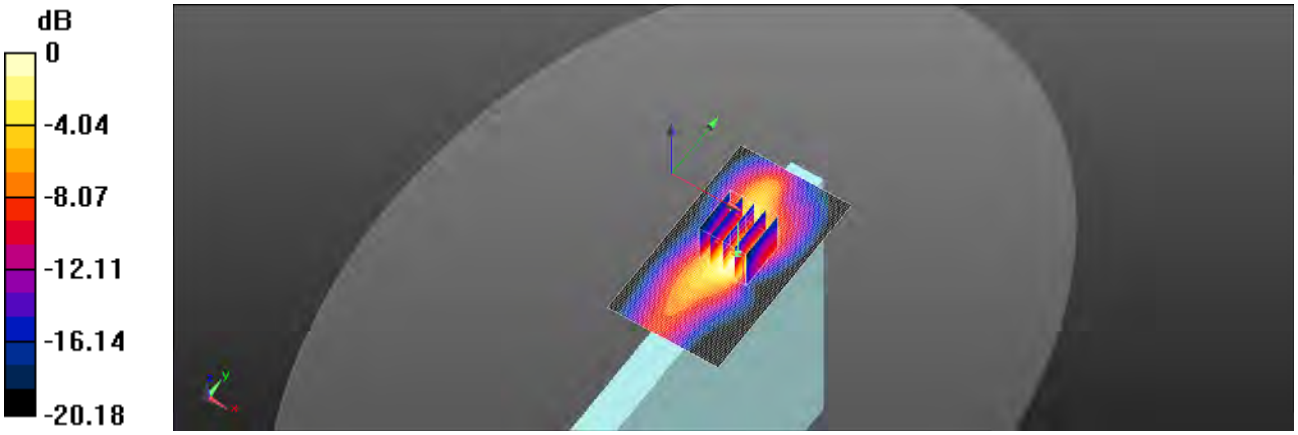
Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.459 S/m; ε_r = 51.433; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.26, 8.26, 8.26); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.14 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.279 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 2.73 W/kg
SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.621 W/kg
Maximum value of SAR (measured) = 2.08 W/kg



0 dB = 2.08 W/kg = 3.18 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/11

LTE Band 5 (10MHz)_Body_Top side_CH 20450_QPSK_1-0_0mm

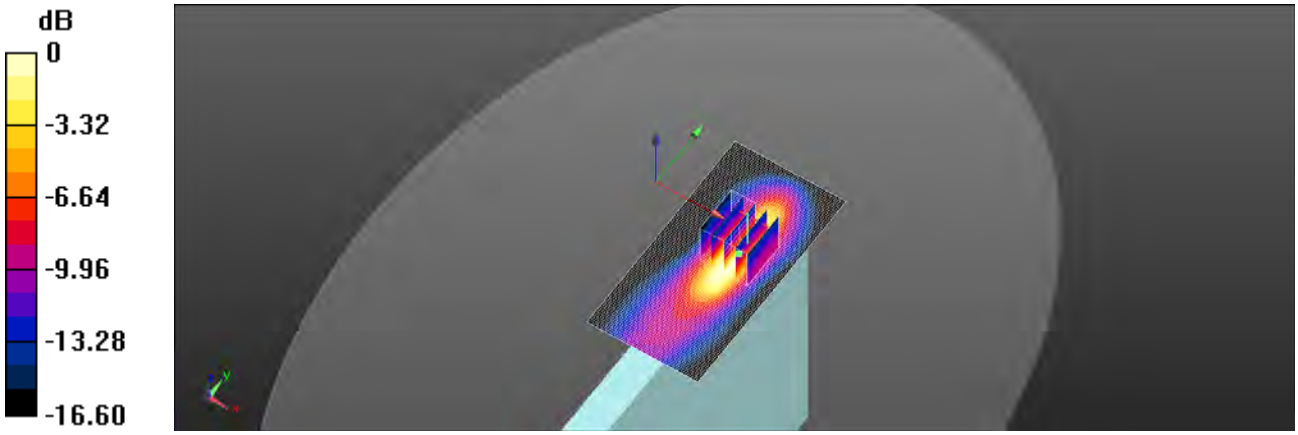
Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1
Medium parameters used: f = 829 MHz; σ = 0.989 S/m; ε_r = 57.321; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.72, 9.72, 9.72); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.31 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.81 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 3.17 W/kg
SAR(1 g) = 1.43 W/kg; SAR(10 g) = 0.695 W/kg
Maximum value of SAR (measured) = 2.31 W/kg



0 dB = 2.31 W/kg = 3.64 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/13

LTE Band 7 (20MHz)_Body_Top side_CH 20850_QPSK_1-0_0mm

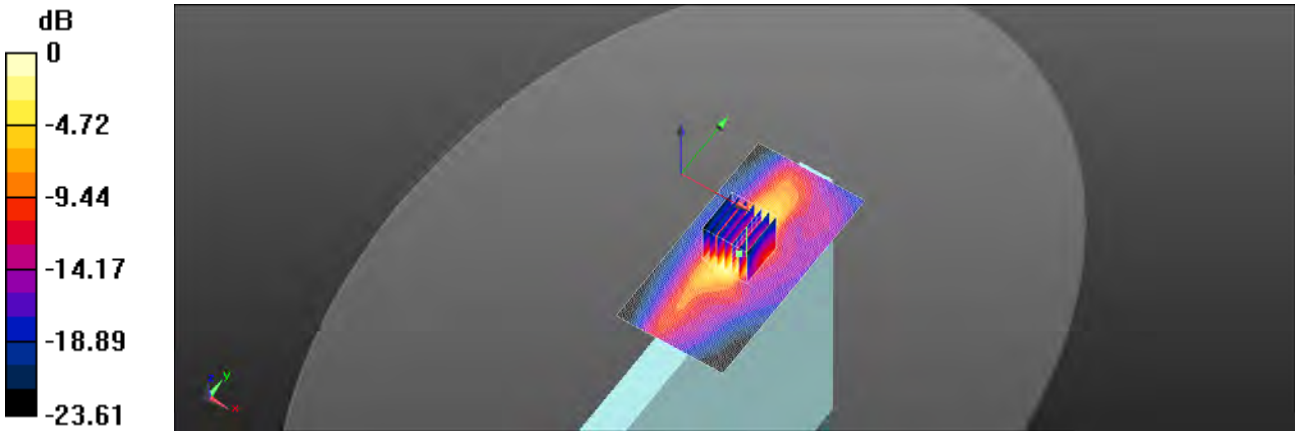
Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 2.097 S/m; ε_r = 52.821; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.37, 7.37, 7.37); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x121x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 2.36 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.636 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.40 W/kg
SAR(1 g) = 1.37 W/kg; SAR(10 g) = 0.569 W/kg
Maximum value of SAR (measured) = 2.43 W/kg



0 dB = 2.43 W/kg = 3.86 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/10

LTE Band 12 (10MHz)_Body_Top side_CH 23095_QPSK_1-0_0mm

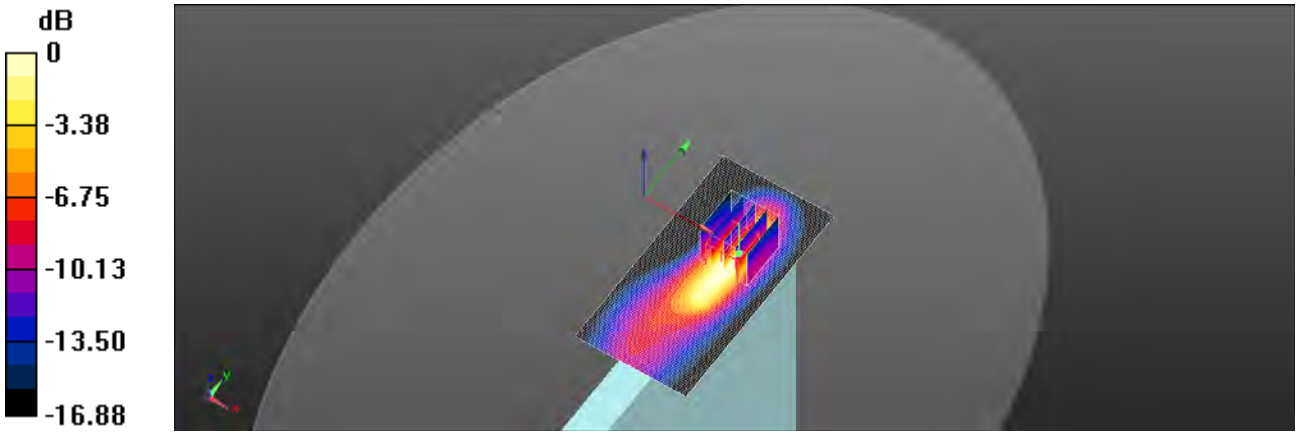
Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.971 S/m; ε_r = 53.950; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.97, 9.97, 9.97); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.10 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.92 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 3.06 W/kg
SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.654 W/kg
Maximum value of SAR (measured) = 2.14 W/kg



0 dB = 2.14 W/kg = 3.30 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/10

LTE Band 13 (10MHz)_Body_Top side_CH 23230_QPSK_1-25_0mm

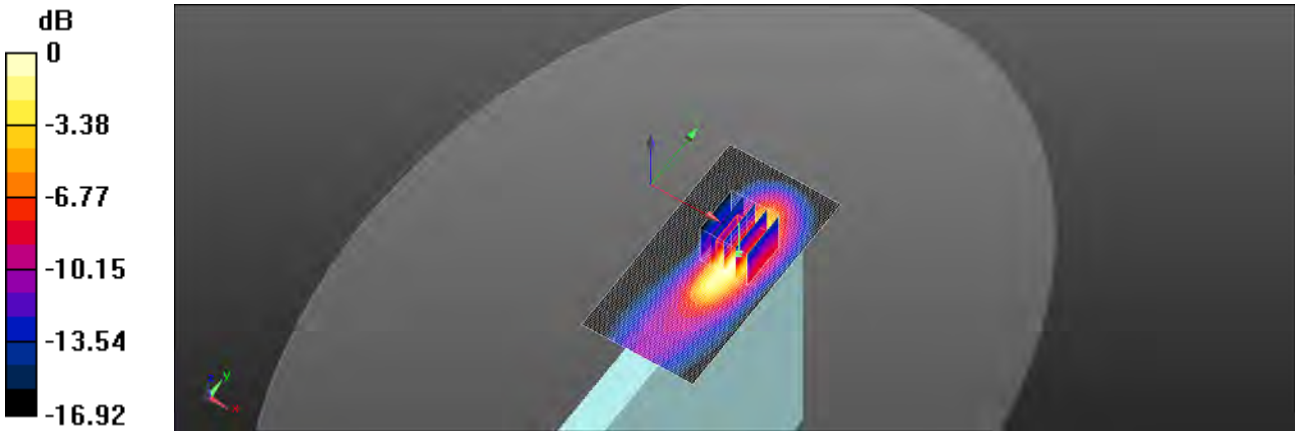
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 0.985 S/m; ε_r = 53.478; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.97, 9.97, 9.97); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.98 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.33 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 3.03 W/kg
SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.621 W/kg
Maximum value of SAR (measured) = 2.14 W/kg



0 dB = 2.14 W/kg = 3.30 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/10

LTE Band 14 (10MHz)_Body_Top side_CH 23330_QPSK_1-49_0mm

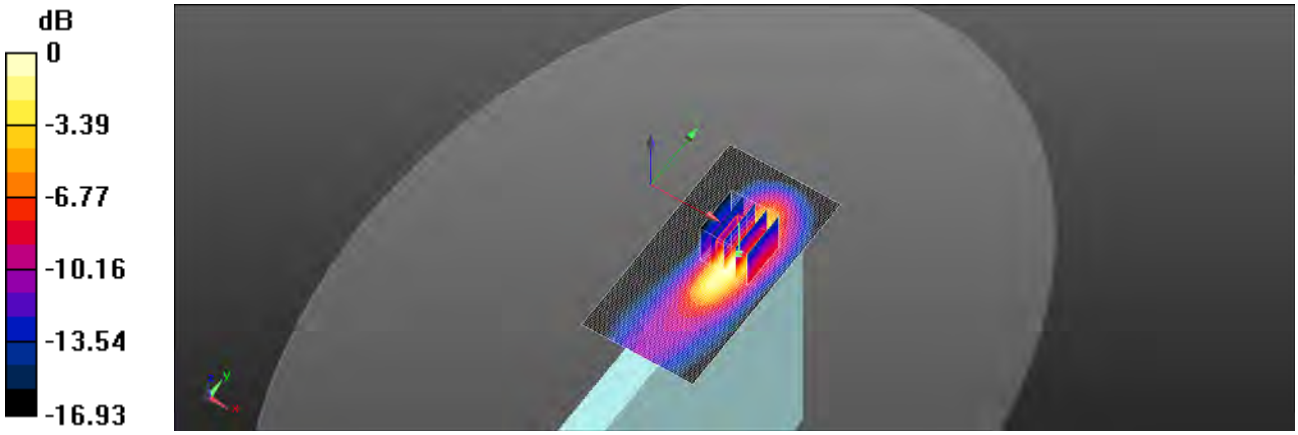
Communication System: LTE; Frequency: 793 MHz; Duty Cycle: 1:1
Medium parameters used: f = 793 MHz; σ = 0.983 S/m; ε_r = 53.209; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.97, 9.97, 9.97); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.00 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.40 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 3.06 W/kg
SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.627 W/kg
Maximum value of SAR (measured) = 2.17 W/kg



0 dB = 2.17 W/kg = 3.36 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/10

LTE Band 17 (10MHz)_Body_Top side_CH 23800_QPSK_1-0_0mm

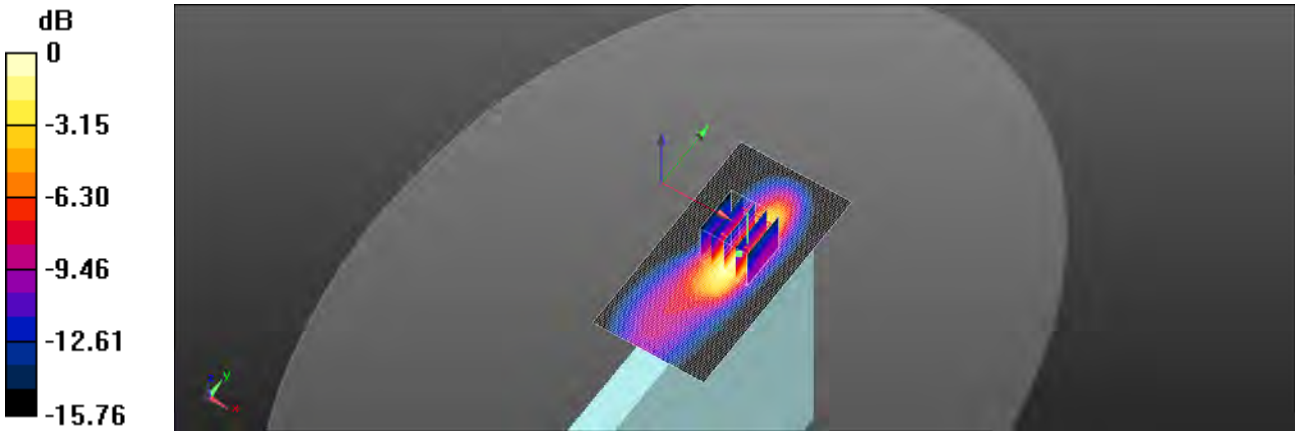
Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1
Medium parameters used: f = 711 MHz; σ = 0.974 S/m; ε_r = 52.898; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.97, 9.97, 9.97); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.92 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.16 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 3.13 W/kg
SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.666 W/kg
Maximum value of SAR (measured) = 2.26 W/kg



0 dB = 2.26 W/kg = 3.54 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/12

LTE Band 25 (20MHz)_Body_Top side_CH 26365_QPSK_1-50_0mm

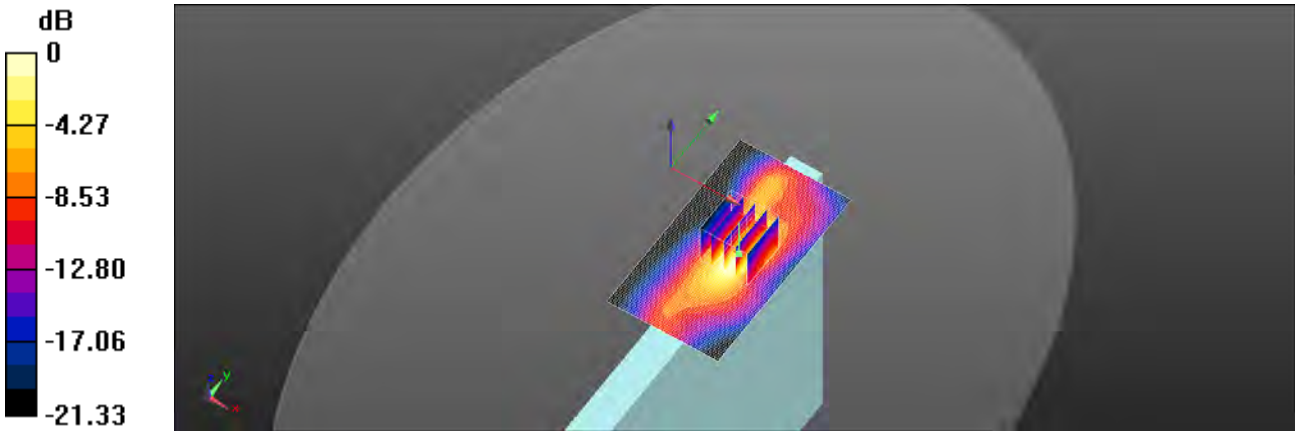
Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1882.5 MHz; σ = 1.609 S/m; ε_r = 50.904; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8, 8, 8); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.89 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.065 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.66 W/kg
SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.589 W/kg
Maximum value of SAR (measured) = 1.67 W/kg



0 dB = 1.67 W/kg = 2.23 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/11

LTE Band 26 (15MHz)_Body_Top side_CH 26965_QPSK_1-0_0mm

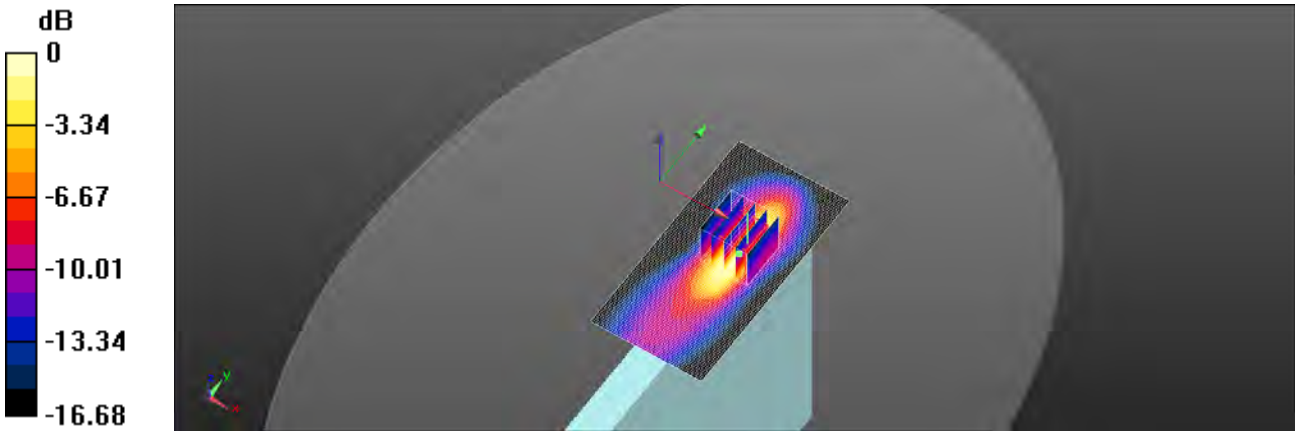
Communication System: LTE; Frequency: 841.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 841.5 MHz; σ = 1.001 S/m; ε_r = 57.165; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.72, 9.72, 9.72); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.91 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.40 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 2.97 W/kg
SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.643 W/kg
Maximum value of SAR (measured) = 2.11 W/kg



0 dB = 2.11 W/kg = 3.24 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/13

LTE Band 30 (10MHz)_Body_Top side_CH 27710_QPSK_1-0_0mm

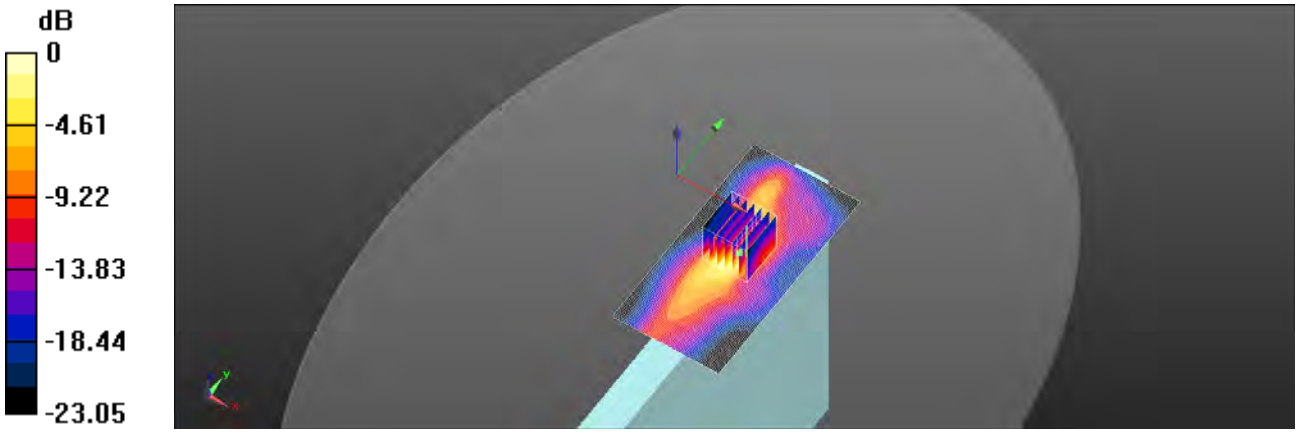
Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2310 MHz; σ = 1.853 S/m; ε_r = 54.043; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.68, 7.68, 7.68); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x121x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.95 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.090 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 3.29 W/kg
SAR(1 g) = 1.37 W/kg; SAR(10 g) = 0.577 W/kg
Maximum value of SAR (measured) = 2.37 W/kg



0 dB = 2.37 W/kg = 3.75 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/13

LTE Band 38 (20MHz)_Body_Top side_CH 37850_QPSK_1-0_0mm

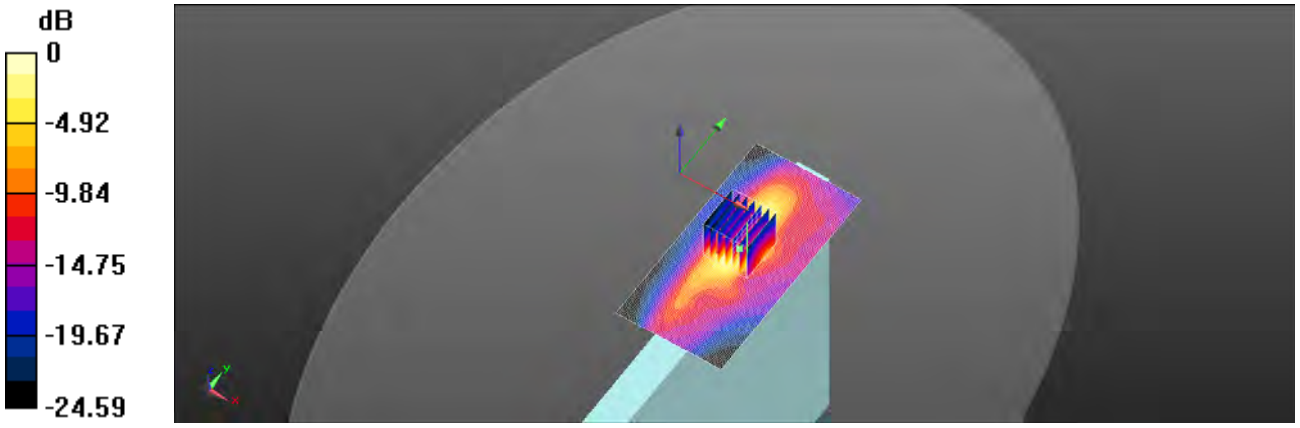
Communication System: LTE; Frequency: 2580 MHz; Duty Cycle: 1: 1:1.59956
Medium parameters used: f = 2580 MHz; σ = 2.325 S/m; ε_r = 52.645; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(7.37, 7.37, 7.37);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x121x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.74 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.281 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.04 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.466 W/kg
Maximum value of SAR (measured) = 2.10 W/kg



0 dB = 2.10 W/kg = 3.22 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/13

LTE Band 41 (20MHz)_Body_Top side_CH 40185_QPSK_1-0_0mm

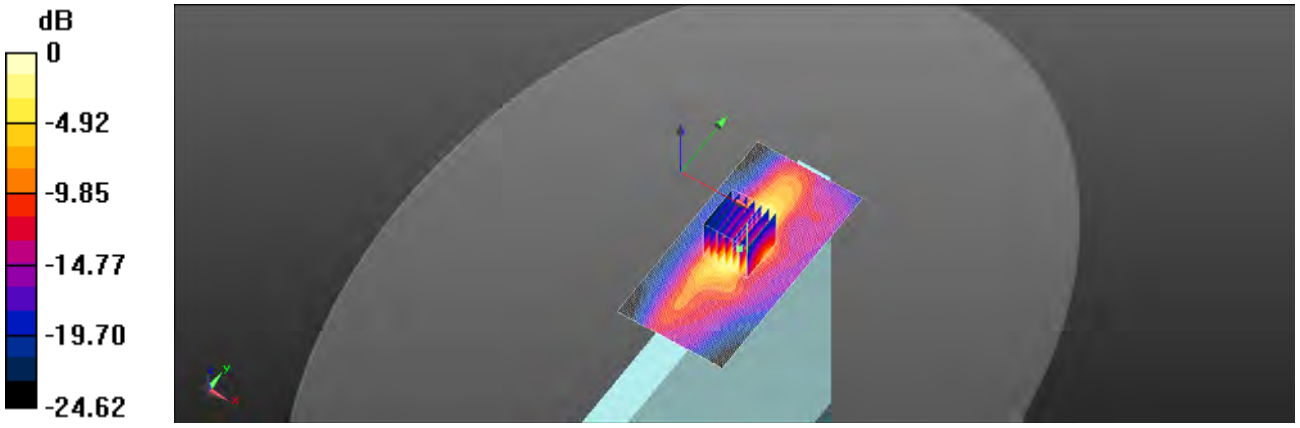
Communication System: LTE; Frequency: 2549.5 MHz; Duty Cycle: 1:1.59956
Medium parameters used: f = 2549.5 MHz; σ = 2.147 S/m; ε_r = 52.758; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(7.37, 7.37, 7.37);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x121x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 2.00 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.635 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 3.31 W/kg
SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.558 W/kg
Maximum value of SAR (measured) = 2.36 W/kg



0 dB = 2.36 W/kg = 3.73 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/12

LTE Band 66 (20MHz)_Body_Top side_CH 132572_QPSK_1-0_0mm

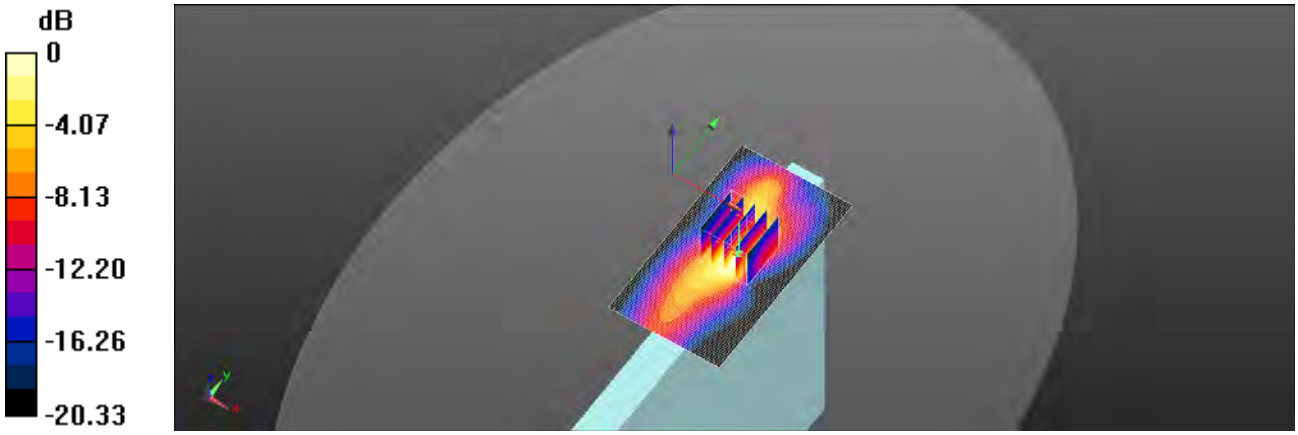
Communication System: LTE; Frequency: 1770 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1770 MHz; σ = 1.492 S/m; ε_r = 51.37; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.26, 8.26, 8.26); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.19 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.107 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.78 W/kg
SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.616 W/kg
Maximum value of SAR (measured) = 2.11 W/kg



0 dB = 2.11 W/kg = 3.24 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/18

WCDMA Band II_Body_Top side_CH 9262_0mm

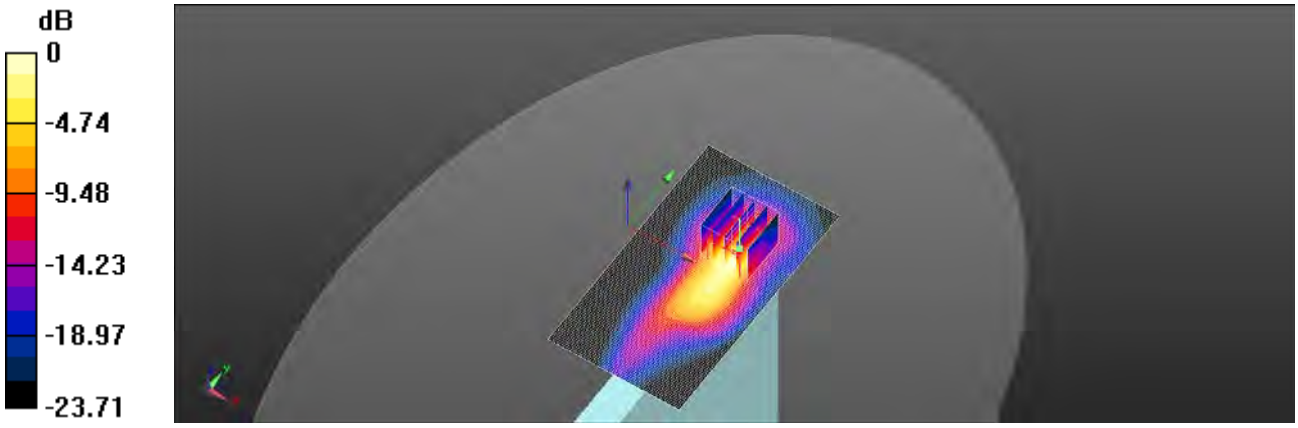
Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1852.4 MHz; σ = 1.588 S/m; ε_r = 51.620; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(8, 8, 8);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x111x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.06 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.619 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 2.87 W/kg
SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.544 W/kg
Maximum value of SAR (measured) = 2.18 W/kg



0 dB = 2.18 W/kg = 3.38 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/18

WCDMA Band IV_Body_Top side_CH 1513_0mm

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1753 MHz; σ = 1.478 S/m; ε_r = 51.990; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 22.0°C

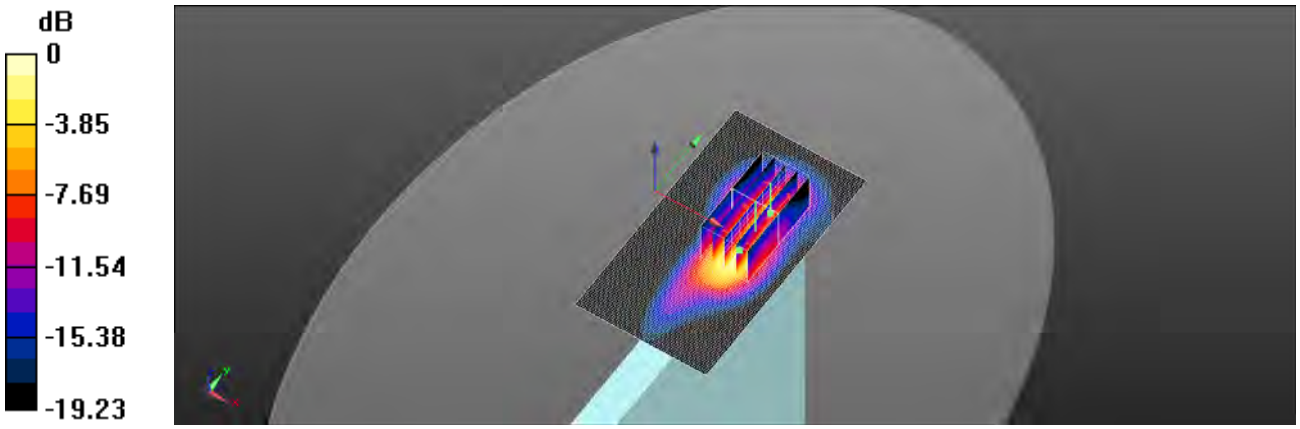
DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(8.26, 8.26, 8.26);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x111x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.17 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.867 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.06 W/kg
SAR(1 g) = 1.37 W/kg; SAR(10 g) = 0.592 W/kg
Maximum value of SAR (measured) = 2.44 W/kg

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.867 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.34 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.542 W/kg
Maximum value of SAR (measured) = 1.81 W/kg



0 dB = 1.81 W/kg = 2.58 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/17

WCDMA Band V_Body_Top side_CH 4132_0mm

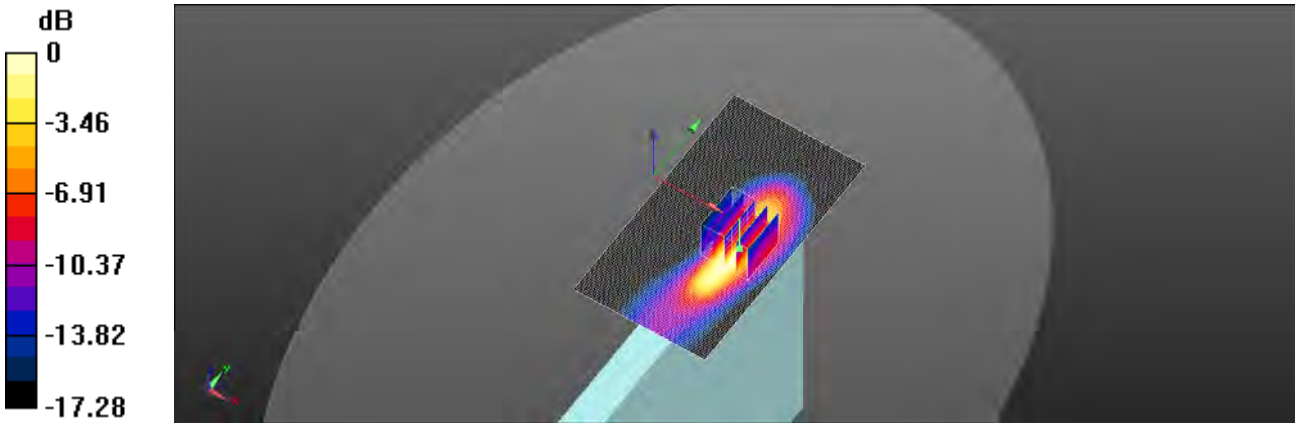
Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 826.4 MHz; σ = 0.986 S/m; ε_r = 57.344; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(9.72, 9.72, 9.72);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x111x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.14 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.09 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 2.81 W/kg
SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.628 W/kg
Maximum value of SAR (measured) = 2.04 W/kg



0 dB = 2.04 W/kg = 3.10 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/18

LTE Band 2 (20MHz)_Body_Top side_CH 18900_QPSK_1-0_0mm

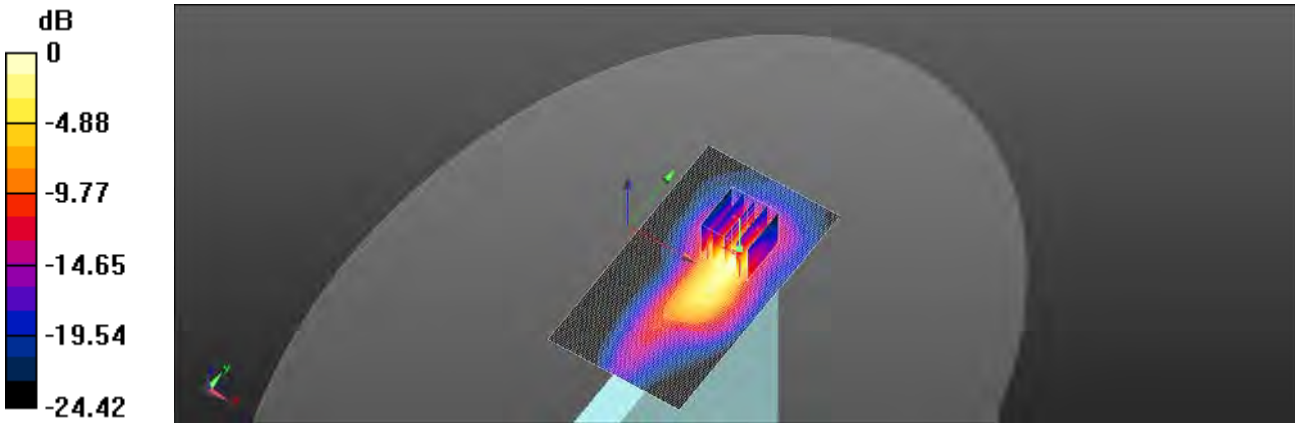
Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.616 S/m; ε_r = 51.541; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(8, 8, 8);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x111x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.08 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.798 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.82 W/kg
SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.535 W/kg
Maximum value of SAR (measured) = 2.13 W/kg



0 dB = 2.13 W/kg = 3.28 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/18

LTE Band 4 (20MHz)_Body_Top side_CH 20300_QPSK_1-0_0mm

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.469 S/m; ε_r = 52.004; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 22.0°C

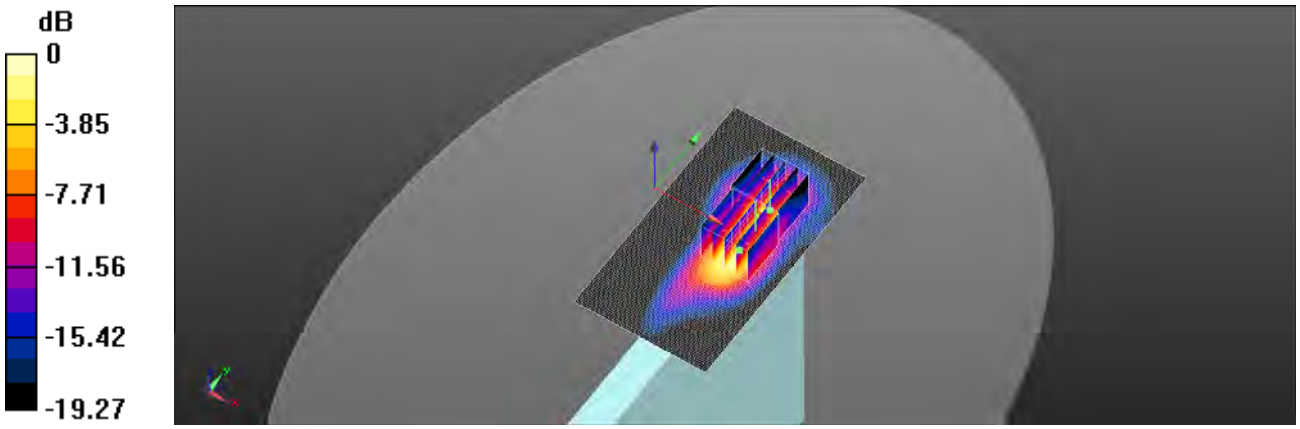
DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(8.26, 8.26, 8.26);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x111x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.20 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.923 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.99 W/kg
SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.592 W/kg
Maximum value of SAR (measured) = 2.38 W/kg

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.923 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.27 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.549 W/kg
Maximum value of SAR (measured) = 1.75 W/kg



0 dB = 1.75 W/kg = 2.43 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/17

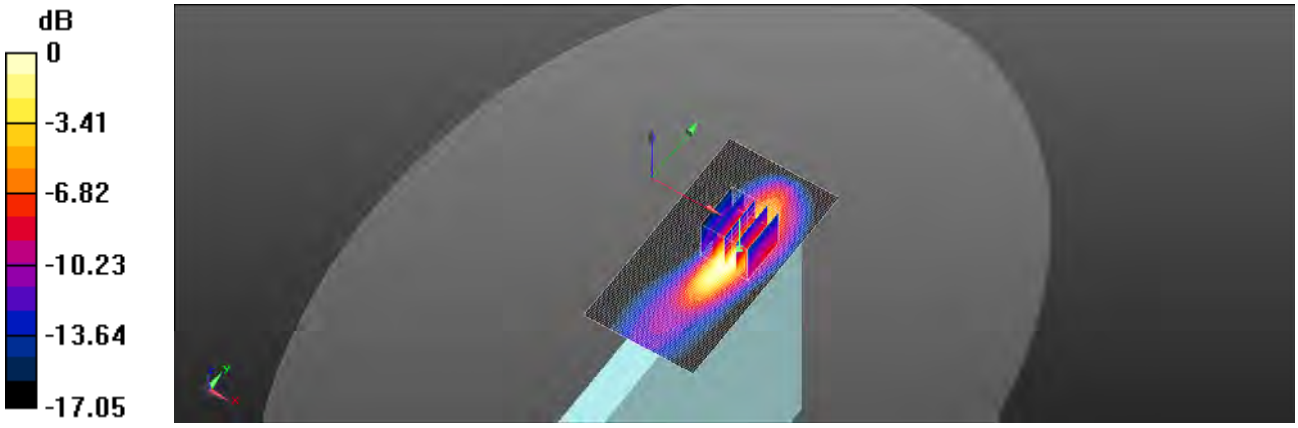
LTE Band 5 (10MHz)_Body_Top side_CH 20450_QPSK_1-0_0mm
Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1
Medium parameters used: f = 829 MHz; σ = 0.989 S/m; ε_r = 57.351; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(9.72, 9.72, 9.72);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.22 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.22 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 2.89 W/kg
SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.653 W/kg
Maximum value of SAR (measured) = 2.12 W/kg



0 dB = 2.12 W/kg = 3.26 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/19

LTE Band 7 (20MHz)_Body_Top side_CH 20850_QPSK_1-0_0mm

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 2.091 S/m; ε_r = 51.423; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.0°C

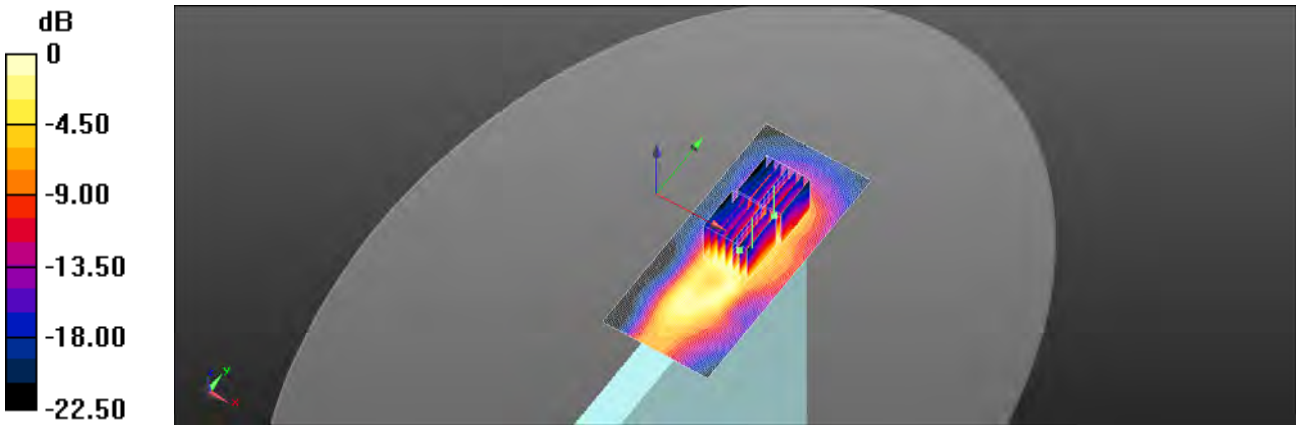
DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(7.37, 7.37, 7.37);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x141x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.35 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.052 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 3.48 W/kg
SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.480 W/kg
Maximum value of SAR (measured) = 2.16 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.052 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.831 W/kg; SAR(10 g) = 0.391 W/kg
Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg = 1.07 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/14

LTE Band 12 (10MHz)_Body_Top side_CH 23060_QPSK_1-0_0mm

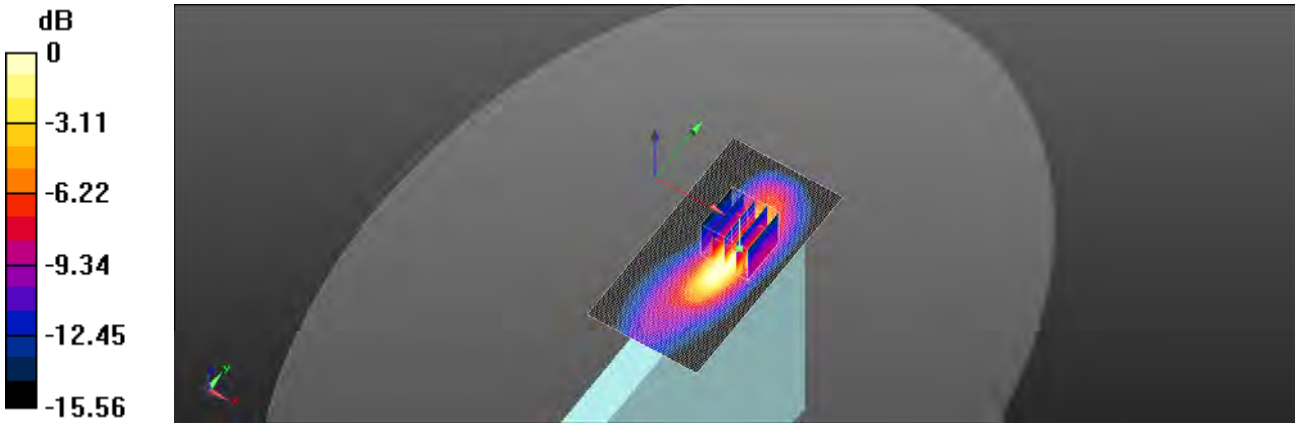
Communication System: LTE; Frequency: 704 MHz; Duty Cycle: 1:1
Medium parameters used: f = 704 MHz; σ = 0.924 S/m; ε_r = 57.837; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(9.97, 9.97, 9.97);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.16 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.67 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 3.11 W/kg
SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.679 W/kg
Maximum value of SAR (measured) = 2.26 W/kg



0 dB = 2.26 W/kg = 3.54 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/14

LTE Band 13 (10MHz)_Body_Top side_CH 23230_QPSK_1-0_0mm

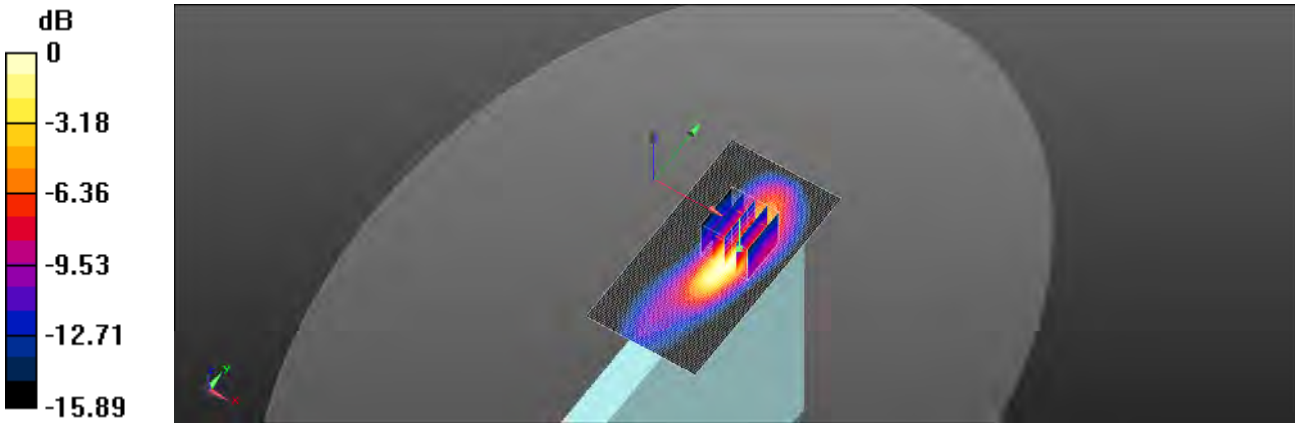
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 0.984 S/m; ε_r = 57.114; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(9.97, 9.97, 9.97);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.07 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.980 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 2.92 W/kg
SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.637 W/kg
Maximum value of SAR (measured) = 2.13 W/kg



0 dB = 2.13 W/kg = 3.28 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/14

LTE Band 14 (10MHz)_Body_Top side_CH 23330_QPSK_1-0_0mm

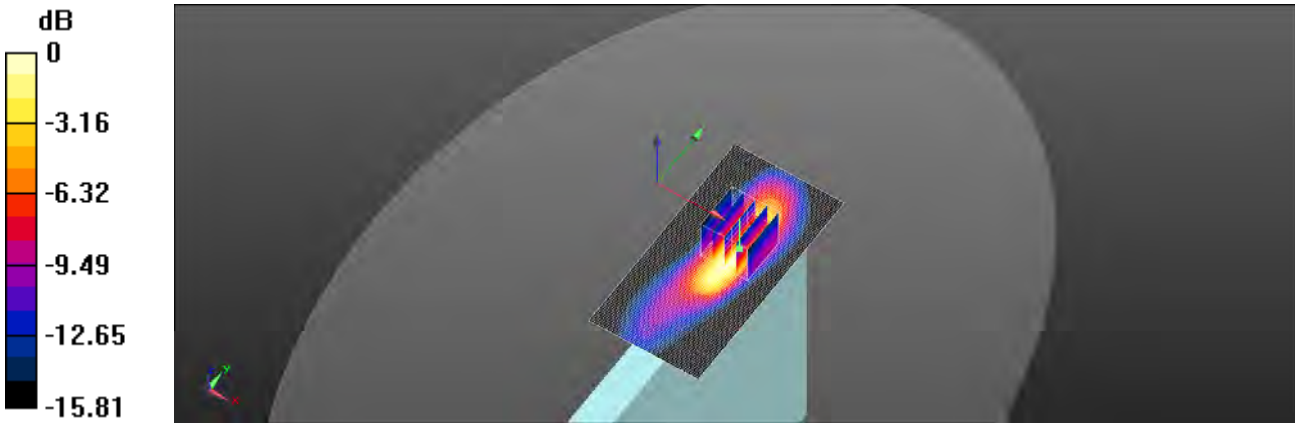
Communication System: LTE; Frequency: 793 MHz; Duty Cycle: 1:1
Medium parameters used: f = 793 MHz; σ = 0.993 S/m; ε_r = 57.044; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(9.97, 9.97, 9.97);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.89 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.701 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 2.75 W/kg
SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.630 W/kg
Maximum value of SAR (measured) = 2.02 W/kg



0 dB = 2.02 W/kg = 3.05 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/14

LTE Band 17 (10MHz)_Body_Top side_CH 23780_QPSK_1-0_0mm

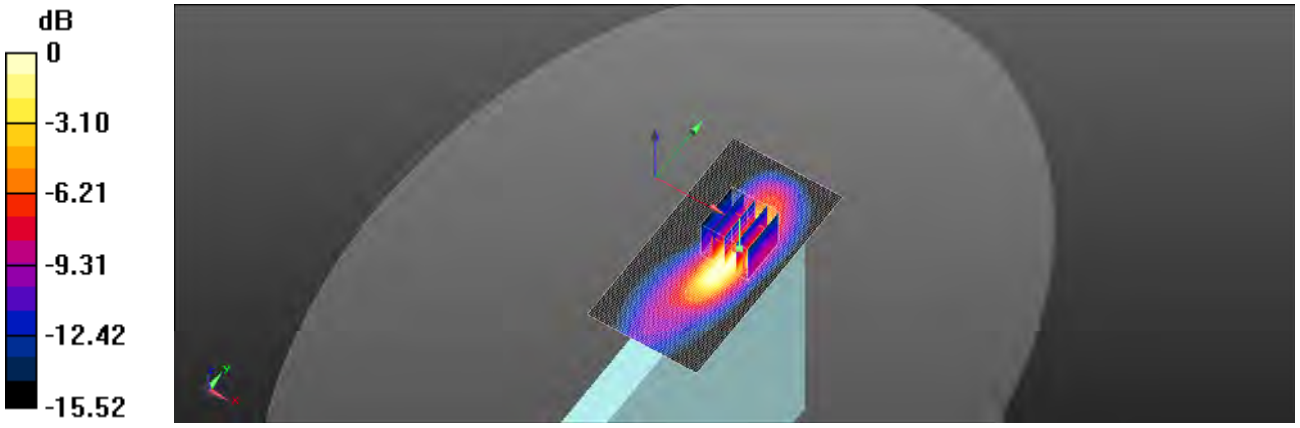
Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1
Medium parameters used: f = 709 MHz; σ = 0.926 S/m; ε_r = 57.813; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(9.97, 9.97, 9.97);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.11 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.74 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 3.03 W/kg
SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.663 W/kg
Maximum value of SAR (measured) = 2.19 W/kg



0 dB = 2.19 W/kg = 3.40 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/18

LTE Band 25 (20MHz)_Body_Top side_CH 26365_QPSK_1-50_0mm

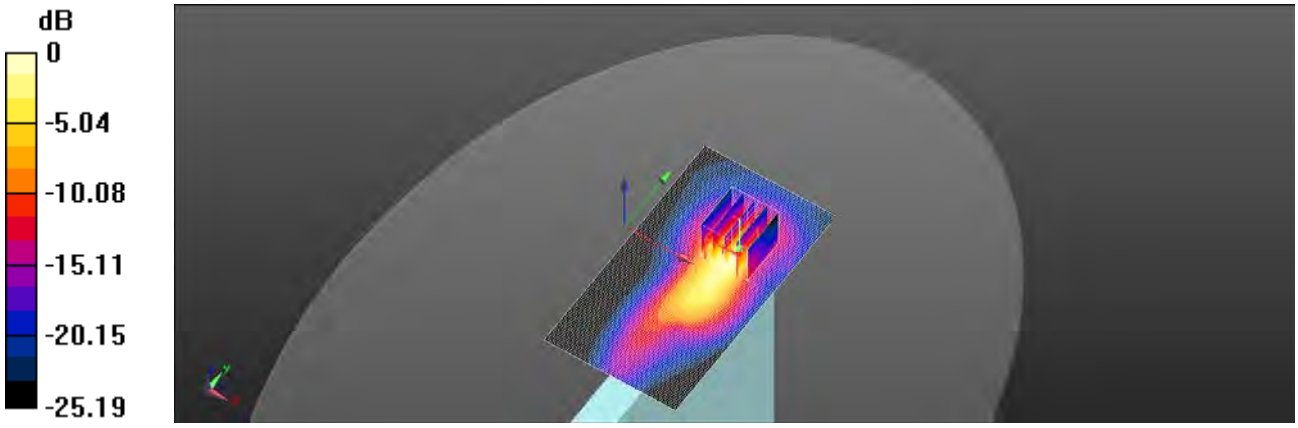
Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1882.5 MHz; σ = 1.617 S/m; ε_r = 51.522; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(8, 8, 8);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x111x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.17 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.118 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 3.04 W/kg
SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.583 W/kg
Maximum value of SAR (measured) = 2.44 W/kg



0 dB = 2.44 W/kg = 3.87 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/17

LTE Band 26 (15MHz)_Body_Top side_CH 26865_QPSK_1-0_0mm

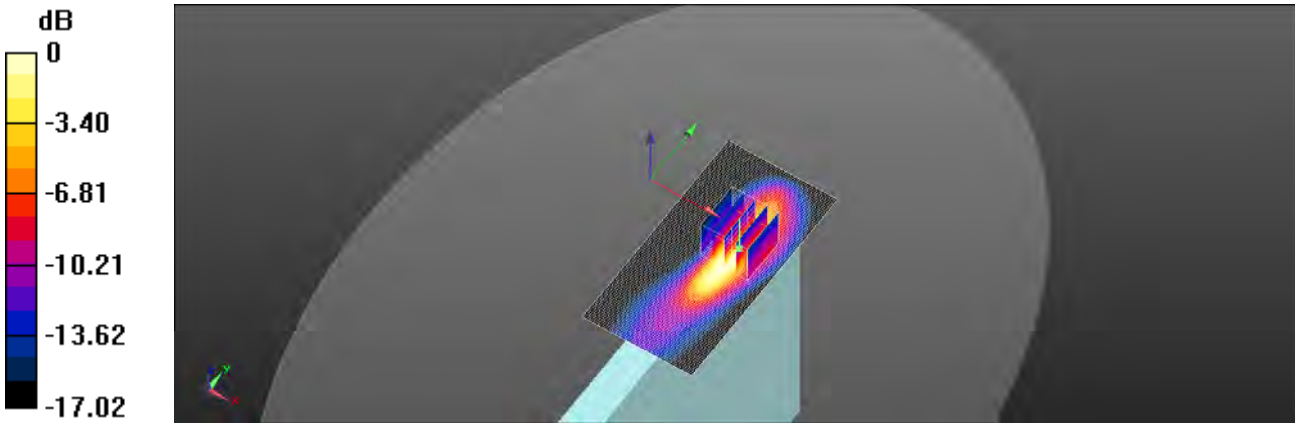
Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 831.5 MHz; σ = 0.992 S/m; ε_r = 57.253; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(9.72, 9.72, 9.72);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.27 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.14 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.97 W/kg
SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.658 W/kg
Maximum value of SAR (measured) = 2.17 W/kg



0 dB = 2.17 W/kg = 3.36 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/19

LTE Band 30 (10MHz)_Body_Top side_CH 27710_QPSK_1-0_0mm

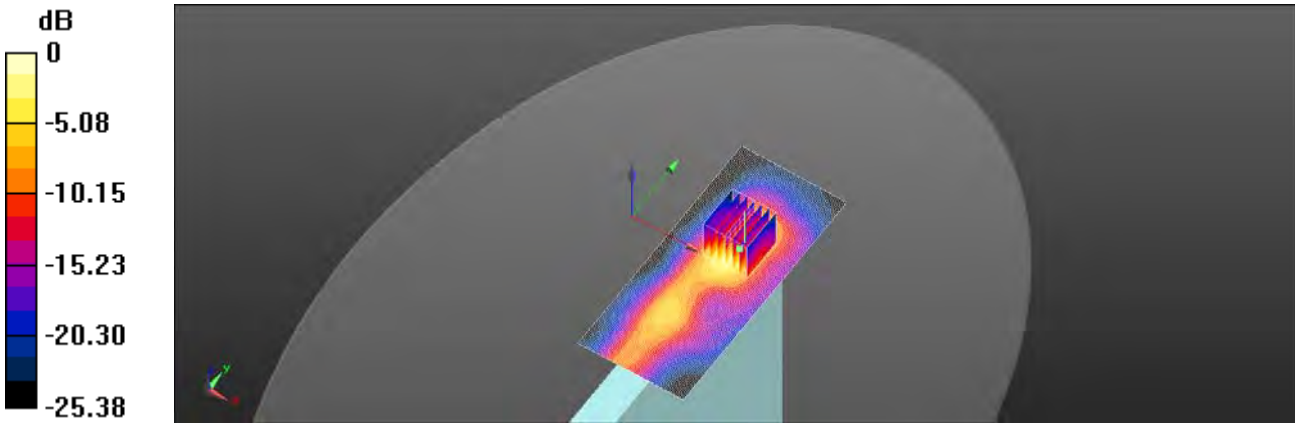
Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2310 MHz; σ = 1.839 S/m; ε_r = 54.074; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(7.68, 7.68, 7.68);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x141x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.53 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.368 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 3.13 W/kg
SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.528 W/kg
Maximum value of SAR (measured) = 2.13 W/kg



0 dB = 2.13 W/kg = 3.28 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/19

LTE Band 38 (20MHz)_Body_Top side_CH 37850_QPSK_1-0_0mm

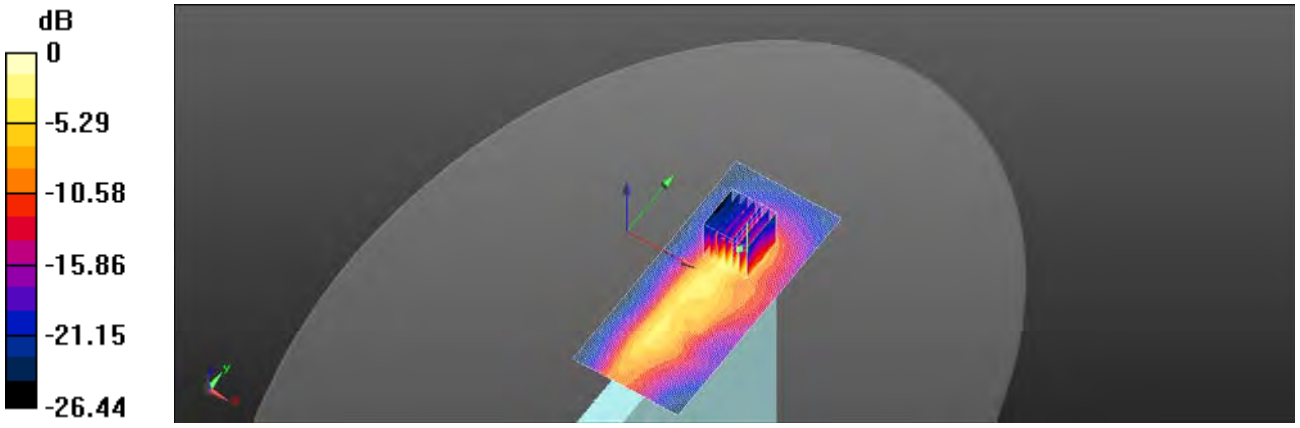
Communication System: LTE; Frequency: 2580 MHz; Duty Cycle: 1:1.59956
Medium parameters used: f = 2580 MHz; σ = 2.194 S/m; ε_r = 51.198; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(7.37, 7.37, 7.37);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x141x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.35 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.050 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 2.82 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.380 W/kg
Maximum value of SAR (measured) = 1.96 W/kg



0 dB = 1.96 W/kg = 2.92 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/19

LTE Band 41 (20MHz)_Body_Top side_CH 41490_QPSK_1-50_0mm

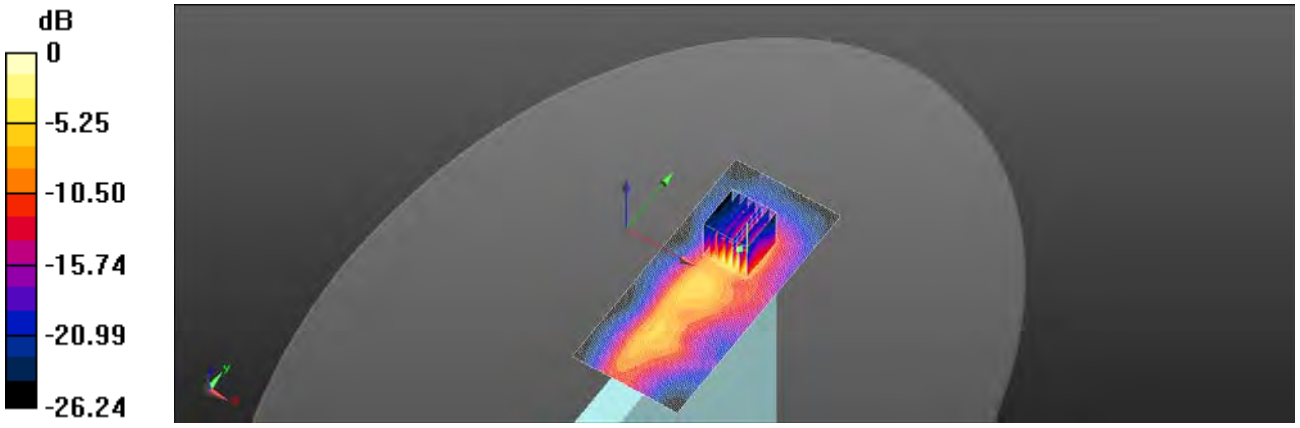
Communication System: LTE; Frequency: 2680 MHz; Duty Cycle: 1:1.59956
Medium parameters used: f = 2680 MHz; σ = 2.328 S/m; ε_r = 50.843; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(7.37, 7.37, 7.37);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x141x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.60 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.089 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 3.50 W/kg
SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.425 W/kg
Maximum value of SAR (measured) = 2.15 W/kg



0 dB = 2.15 W/kg = 3.32 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/18

LTE Band 66 (20MHz)_Body_Top side_CH 132572_QPSK_1-0_0mm

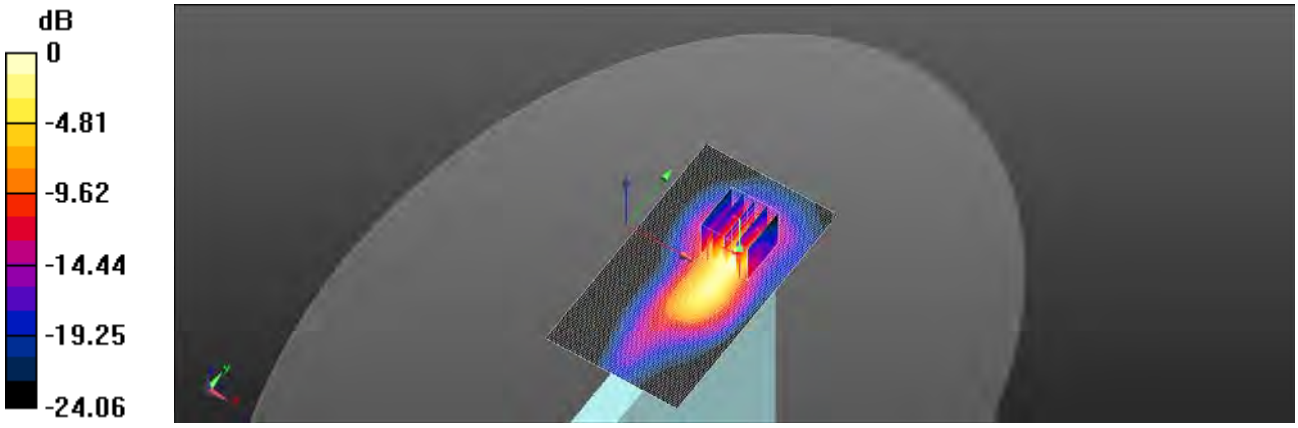
Communication System: LTE; Frequency: 1770 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1770 MHz; σ = 1.491 S/m; ε_r = 51.921; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(8.26, 8.26, 8.26);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x111x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.23 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.668 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 3.05 W/kg
SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.590 W/kg
Maximum value of SAR (measured) = 2.42 W/kg



0 dB = 2.42 W/kg = 3.84 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/1

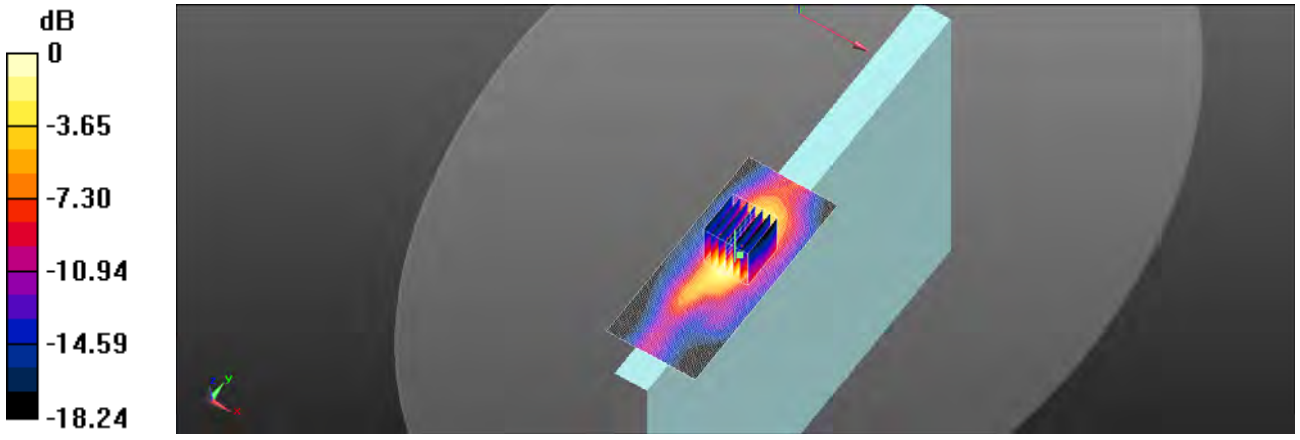
WLAN 802.11b_Body_Top side_CH 1_Main_0mm
Communication System: WLAN 2.45G; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.92 S/m; ε_r = 53.706; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.59, 7.59, 7.59); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x121x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.862 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.422 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.212 W/kg
Maximum value of SAR (measured) = 0.799 W/kg



0 dB = 0.799 W/kg = -0.97 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/3

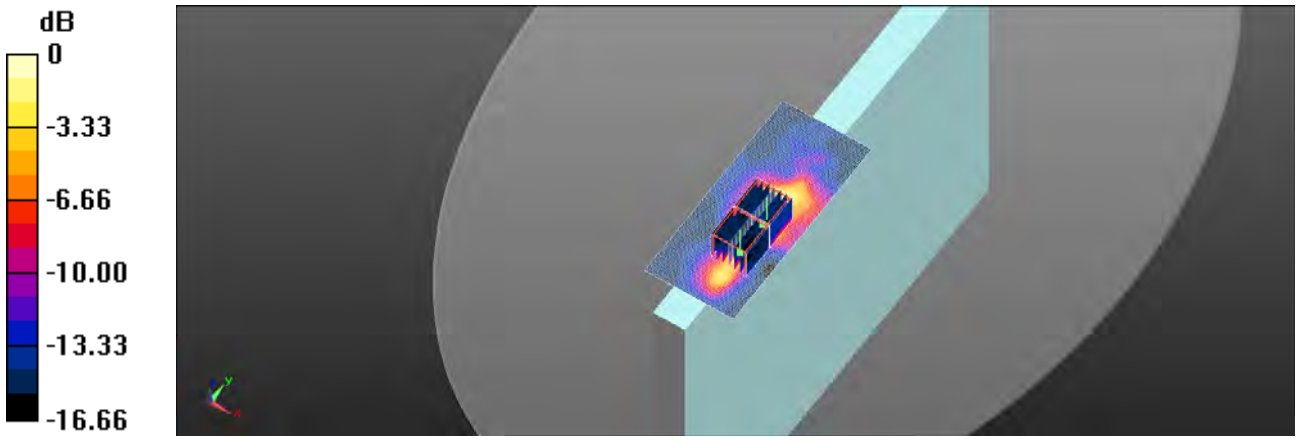
WLAN 802.11n(40M) 5.2G_Body_Top side_CH 46_Main_0mm
Communication System: WLAN 5G; Frequency: 5230 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5230 MHz; σ = 5.209 S/m; ε_r = 49.212; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.65, 4.65, 4.65); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x141x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.830 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.271 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.97 W/kg
SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.146 W/kg
Maximum value of SAR (measured) = 0.945 W/kg
Zoom Scan (7x7x12)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.271 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.102 W/kg
Maximum value of SAR (measured) = 0.777 W/kg



0 dB = 0.777 W/kg = -1.10 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/4

WLAN 802.11a 5.3G_Body_Top side_CH 60_Main_0mm

Communication System: WLAN 5G; Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 5.323 S/m; ε_r = 49.056; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 21.6°C
DASY5 Configuration:

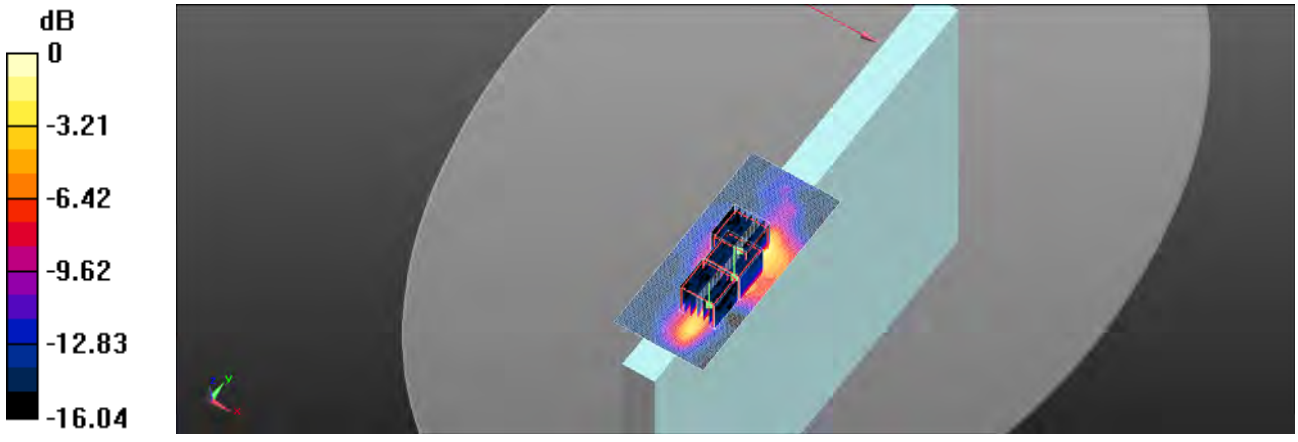
- Probe: EX3DV4 - SN3770; ConvF(4.65, 4.65, 4.65); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x141x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.664 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.599 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.128 W/kg
Maximum value of SAR (measured) = 0.736 W/kg

Zoom Scan (7x7x12)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.090 W/kg
Maximum value of SAR (measured) = 0.701 W/kg

Zoom Scan (7x7x12)/Cube 2: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.599 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.124 W/kg
Maximum value of SAR (measured) = 0.733 W/kg



0 dB = 0.733 W/kg = -1.35 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/4

WLAN 802.11n(40M) 5.3G_Body_Top side_CH 54_Main_0mm

Communication System: WLAN 5G; Frequency: 5270 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5270 MHz; σ = 5.283 S/m; ε_r = 49.093; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 21.6°C

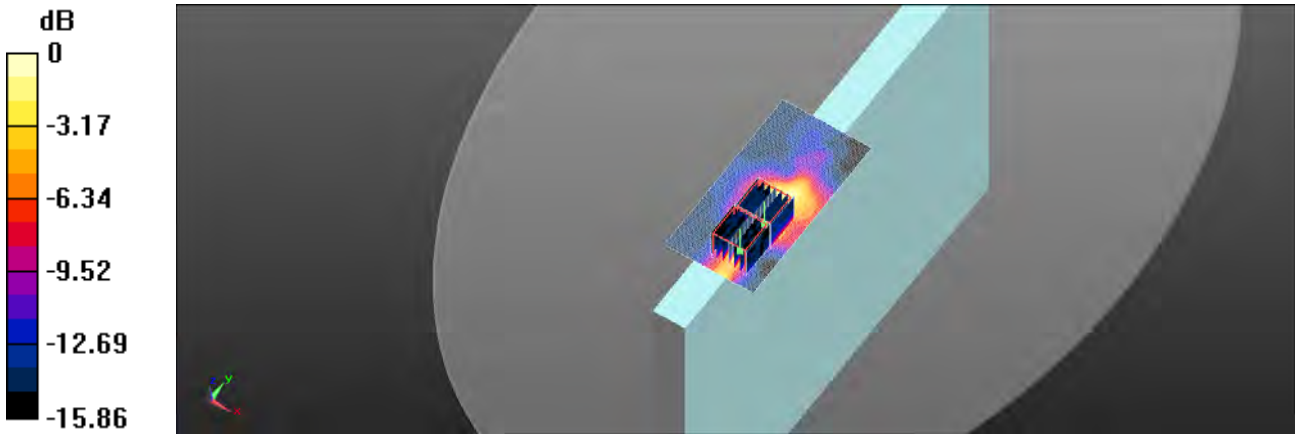
DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.65, 4.65, 4.65); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.736 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.021 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.133 W/kg
Maximum value of SAR (measured) = 0.792 W/kg

Zoom Scan (7x7x12)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.021 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.093 W/kg
Maximum value of SAR (measured) = 0.690 W/kg



0 dB = 0.690 W/kg = -1.61 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/5

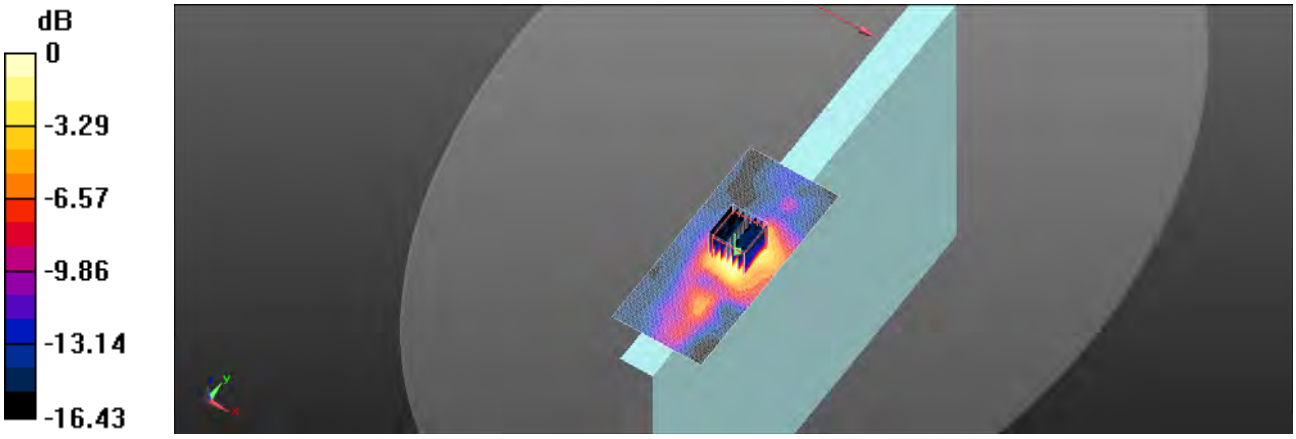
WLAN 802.11n(40M) 5.6G_Body_Top side_CH 102_Main_0mm
Communication System: WLAN 5G; Frequency: 5510 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5510 MHz; σ = 5.656 S/m; ε_r = 48.301; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.06, 4.06, 4.06); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x141x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.04 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.581 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 2.22 W/kg
SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.215 W/kg
Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/5

WLAN 802.11ac(80M) 5.6G_Body_Top side_CH 138_Main_0mm

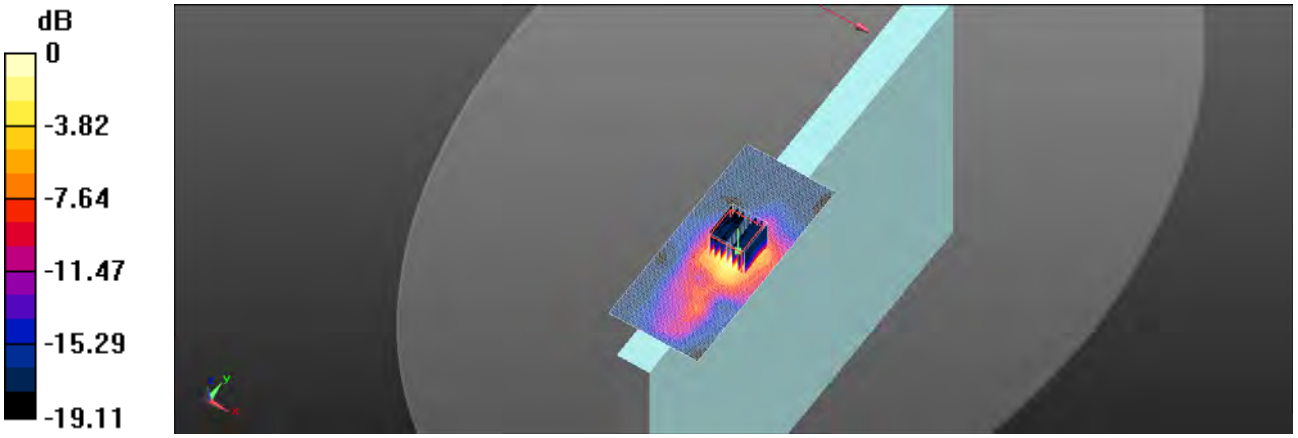
Communication System: WLAN 5G; Frequency: 5690 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5690 MHz; σ = 5.978 S/m; ε_r = 47.784; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.38, 4.38, 4.38); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x141x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.71 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.958 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 3.69 W/kg
SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.282 W/kg
Maximum value of SAR (measured) = 1.76 W/kg



0 dB = 1.76 W/kg = 2.46 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/6

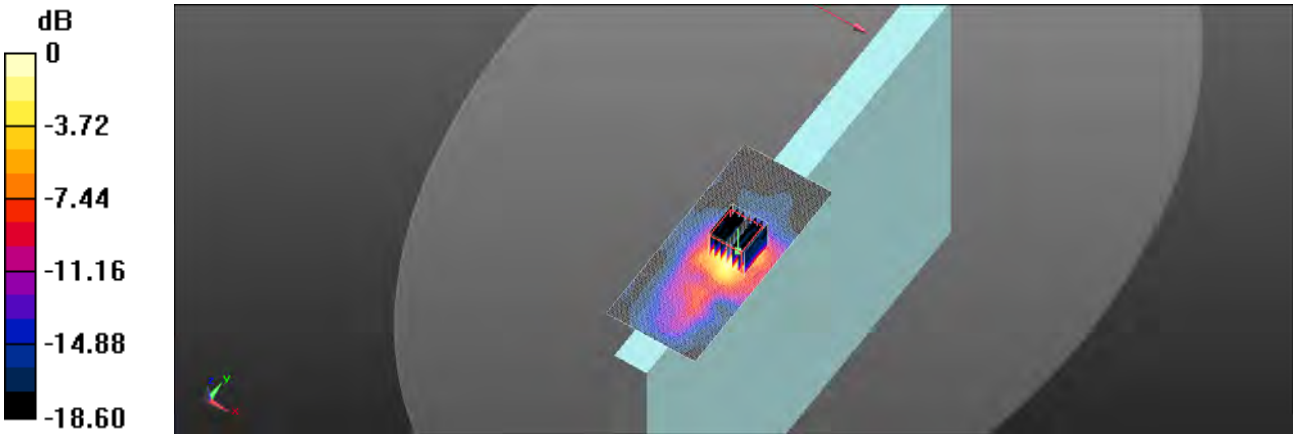
WLAN 802.11ac(80M) 5.8G_Body_Top side_CH 155_Main_0mm
Communication System: WLAN 5G; Frequency: 5775 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5775 MHz; σ = 6.095 S/m; ε_r = 47.507; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.38, 4.38, 4.38); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x141x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.86 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.076 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 4.11 W/kg
SAR(1 g) = 0.895 W/kg; SAR(10 g) = 0.285 W/kg
Maximum value of SAR (measured) = 1.87 W/kg



0 dB = 1.87 W/kg = 2.72 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/1

WLAN 802.11b_Body_Top side_CH 1_Aux_0mm

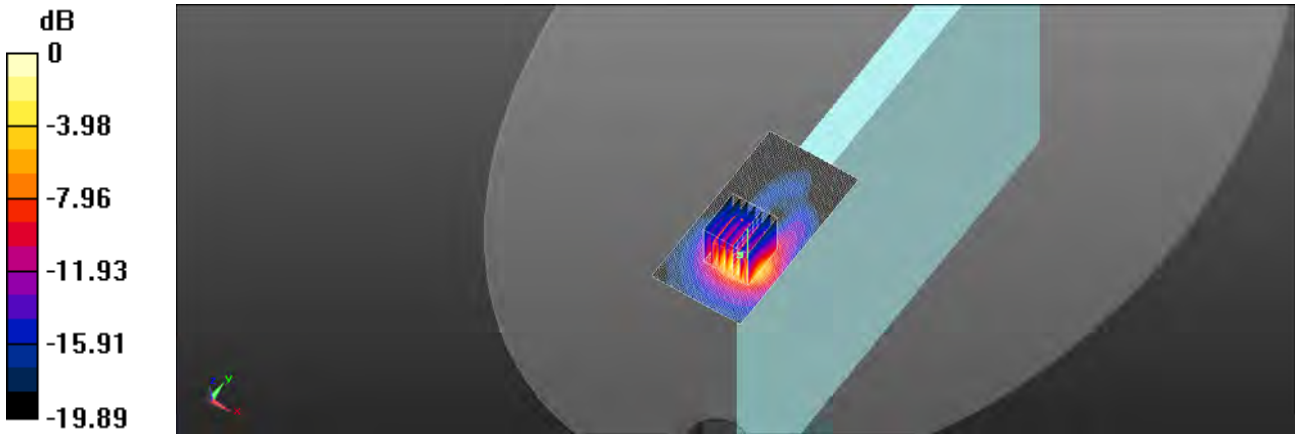
Communication System: WLAN 2.45G; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.92 S/m; ε_r = 53.706; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.59, 7.59, 7.59); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.33 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.869 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.747 W/kg; SAR(10 g) = 0.314 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/1

Bluetooth(GFSK)_Body_Top side_CH 39_Aux_0mm

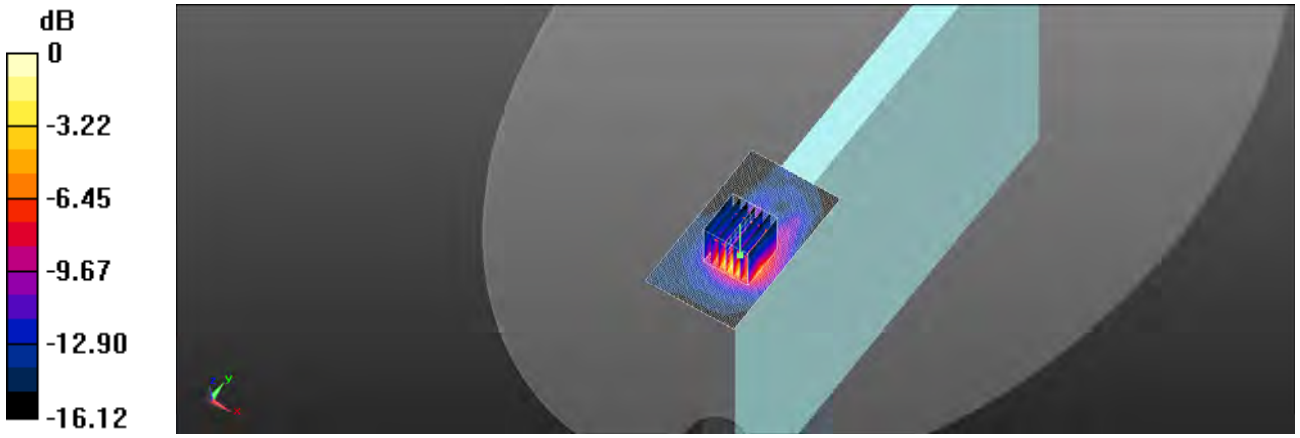
Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2441 MHz; σ = 1.952 S/m; ε_r = 53.591; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.59, 7.59, 7.59); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x91x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.278 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.514 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.343 W/kg
SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.065 W/kg
Maximum value of SAR (measured) = 0.243 W/kg



0 dB = 0.243 W/kg = -6.14 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/3

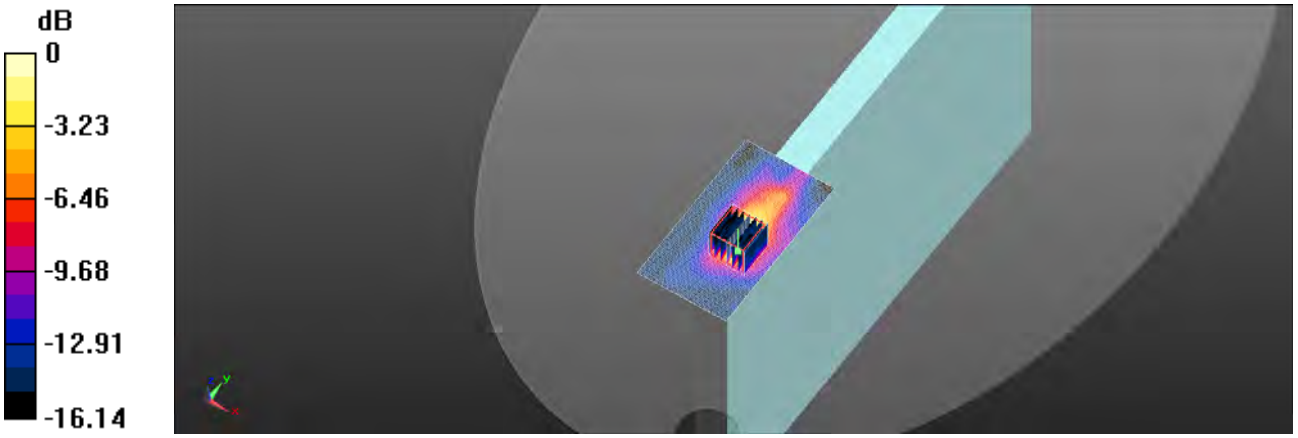
WLAN 802.11n(40M) 5.2G_Body_Top side_CH 38_Aux_0mm
Communication System: WLAN 5G; Frequency: 5190 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5190 MHz; σ = 5.153 S/m; ε_r = 49.419; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.65, 4.65, 4.65); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x111x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.698 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.109 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.120 W/kg
Maximum value of SAR (measured) = 0.752 W/kg



0 dB = 0.752 W/kg = -1.24 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/4

WLAN 802.11a 5.3G_Body_Top side_CH 60_Aux_0mm

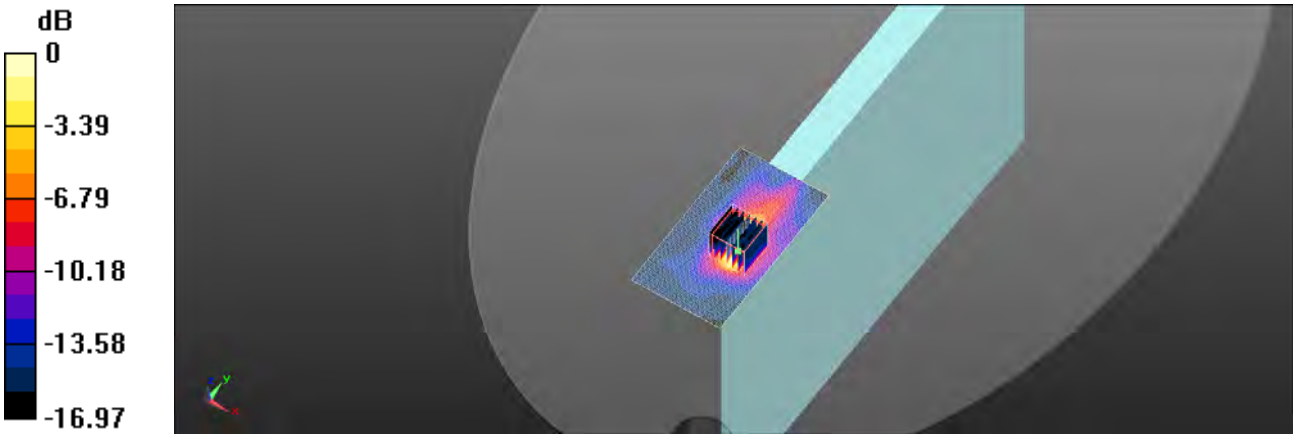
Communication System: WLAN 5G; Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 5.323 S/m; ε_r = 49.056; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.65, 4.65, 4.65); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x111x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.846 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.994 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.18 W/kg
SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.144 W/kg
Maximum value of SAR (measured) = 0.959 W/kg



0 dB = 0.959 W/kg = -0.18 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/4

WLAN 802.11n(40M) 5.3G_Body_Top side_CH 54_Aux_0mm

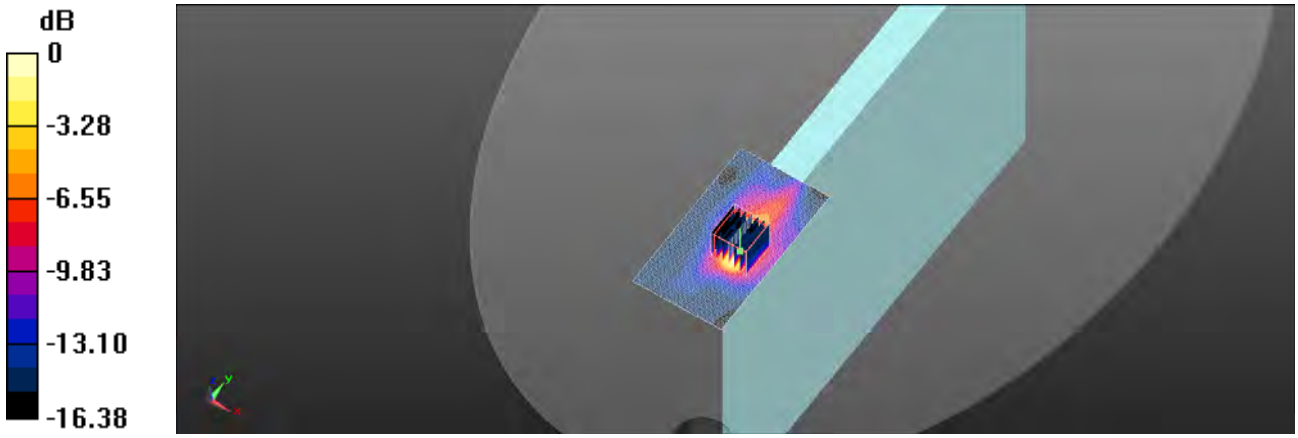
Communication System: WLAN 5G; Frequency: 5270 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5270 MHz; σ = 5.283 S/m; ε_r = 49.093; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.65, 4.65, 4.65); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x111x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.751 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.092 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.134 W/kg
Maximum value of SAR (measured) = 0.825 W/kg



0 dB = 0.825 W/kg = -0.84 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/5

WLAN 802.11ac(80M) 5.6G_Body_Top side_CH 138_Aux_0mm

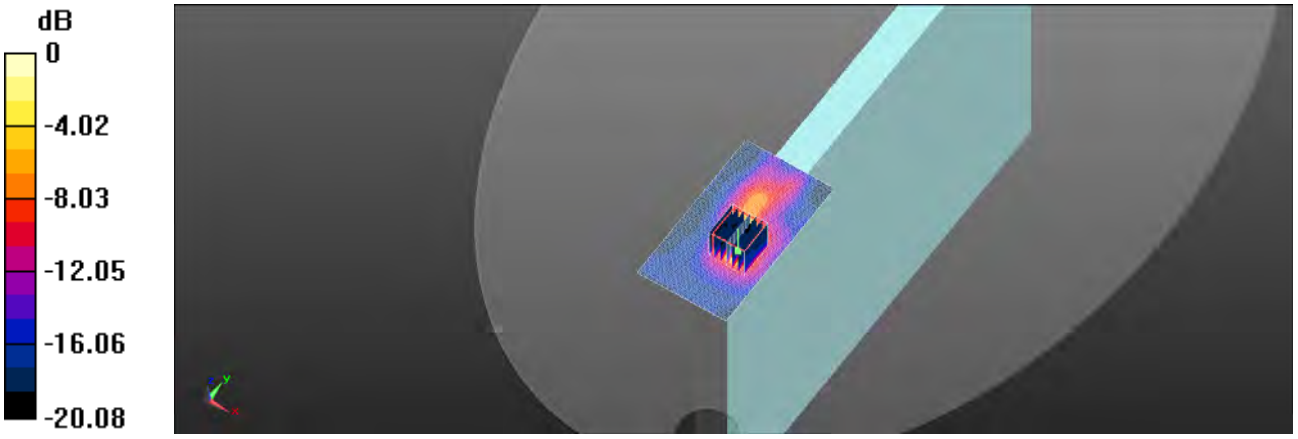
Communication System: WLAN 5G; Frequency: 5690 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5690 MHz; σ = 5.978 S/m; ε_r = 47.784; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.38, 4.38, 4.38); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x111x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.66 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.131 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 4.75 W/kg
SAR(1 g) = 0.895 W/kg; SAR(10 g) = 0.236 W/kg
Maximum value of SAR (measured) = 1.95 W/kg



0 dB = 1.95 W/kg = 2.90 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/6

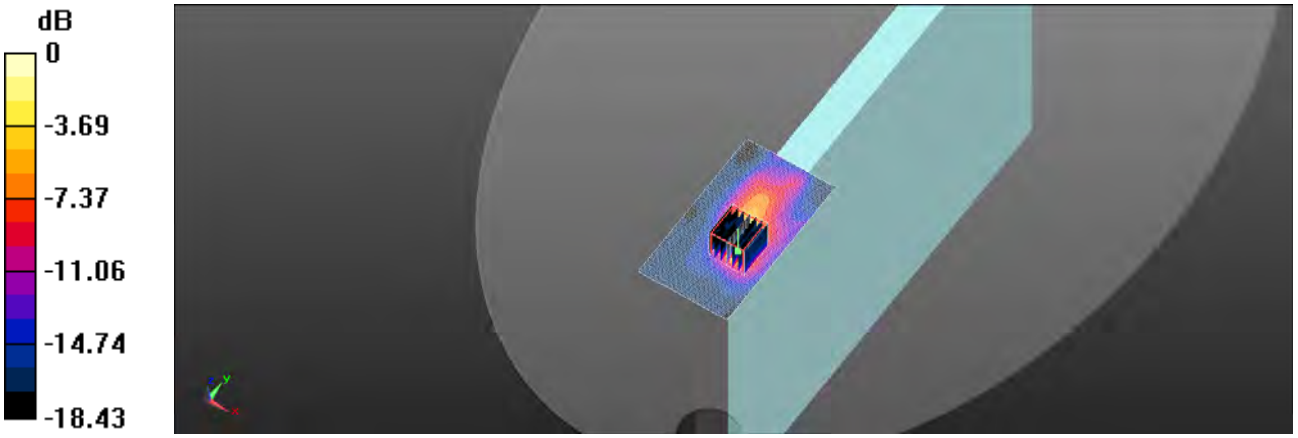
WLAN 802.11ac(80M) 5.8G_Body_Top side_CH 155_Aux_0mm
Communication System: WLAN 5G; Frequency: 5775 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5775 MHz; σ = 6.095 S/m; ε_r = 47.507; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.38, 4.38, 4.38); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x111x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.56 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.016 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 4.09 W/kg
SAR(1 g) = 0.780 W/kg; SAR(10 g) = 0.212 W/kg
Maximum value of SAR (measured) = 1.68 W/kg



0 dB = 1.68 W/kg = 2.25 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/7

WLAN 802.11b_Body_Top side_CH 1_Main_0mm

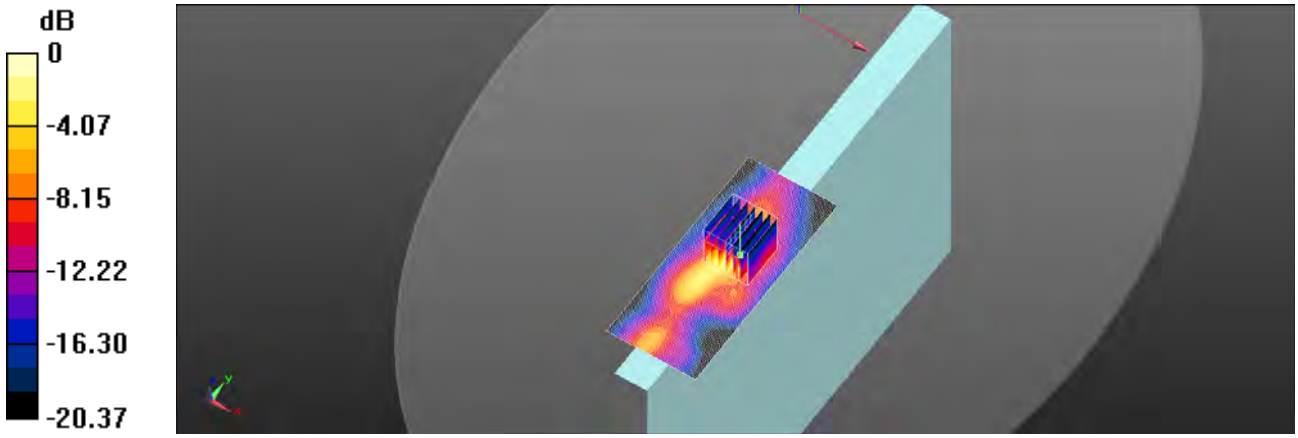
Communication System: WLAN 2.45G; Frequency: 2412 MHz
Medium parameters used: f = 2412 MHz; σ = 1.928 S/m; ε_r = 53.779; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.59, 7.59, 7.59); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x121x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.21 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.415 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 0.630 W/kg; SAR(10 g) = 0.264 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 0.72 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/7

WLAN 802.11n(40M) 5.2G_Body_Top side_CH 38 _Main_0mm

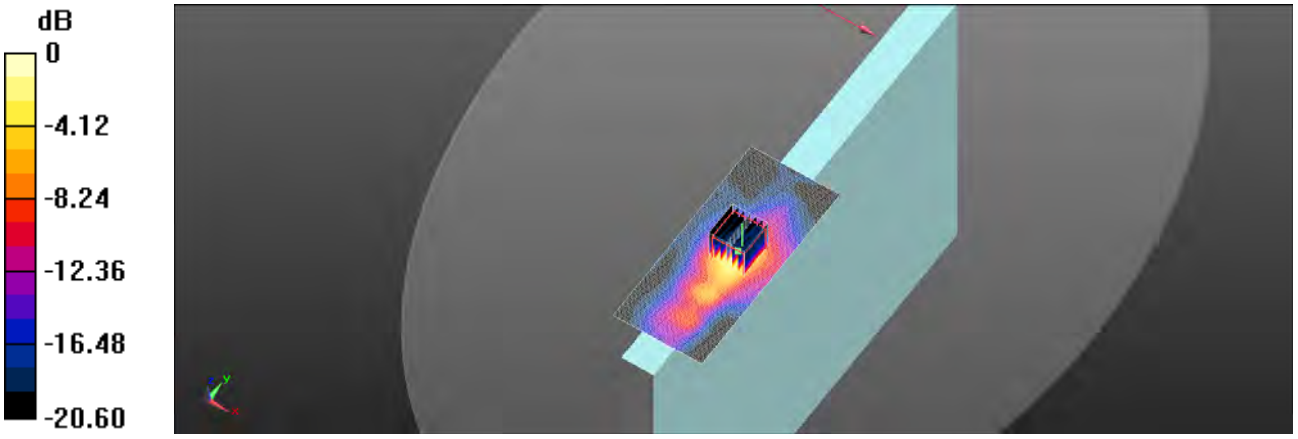
Communication System: WLAN 5G; Frequency: 5190 MHz
Medium parameters used: f = 5190 MHz; σ = 5.156 S/m; ε_r = 49.533; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.65, 4.65, 4.65); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x141x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.58 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.338 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 3.99 W/kg
SAR(1 g) = 0.846 W/kg; SAR(10 g) = 0.271 W/kg
Maximum value of SAR (measured) = 1.83 W/kg



0 dB = 1.83 W/kg = 2.62 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/8

WLAN 802.11a 5.3G_Body_Top side_CH 64_Main_0mm

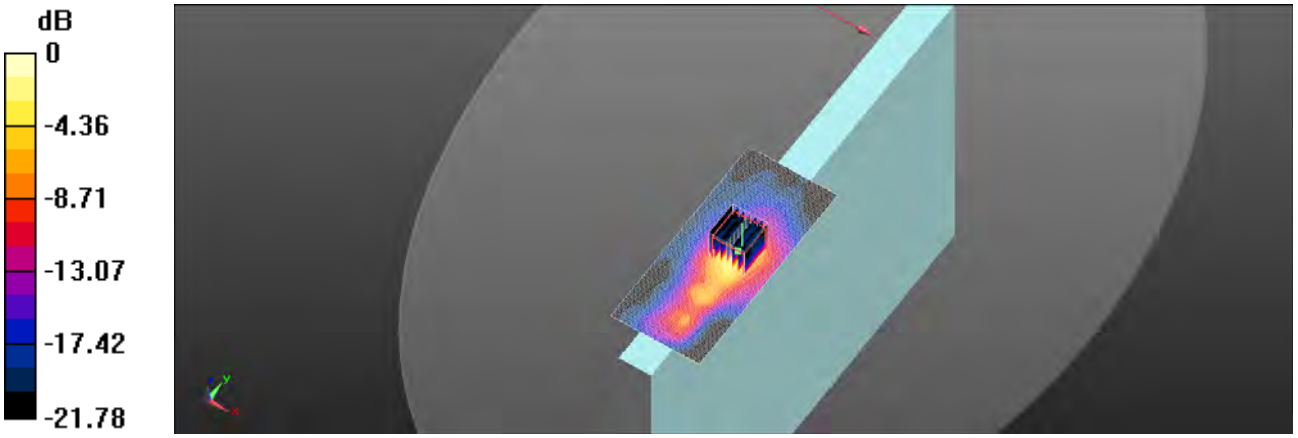
Communication System: WLAN 5G; Frequency: 5320 MHz
Medium parameters used: f = 5320 MHz; σ = 5.355 S/m; ε_r = 49.079; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.65, 4.65, 4.65); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x141x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.63 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.968 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 5.02 W/kg
SAR(1 g) = 0.957 W/kg; SAR(10 g) = 0.284 W/kg
Maximum value of SAR (measured) = 2.25 W/kg



0 dB = 2.25 W/kg = 3.52 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/8

WLAN 802.11n(40M) 5.3G_Body_Top side_CH 54_Main_0mm

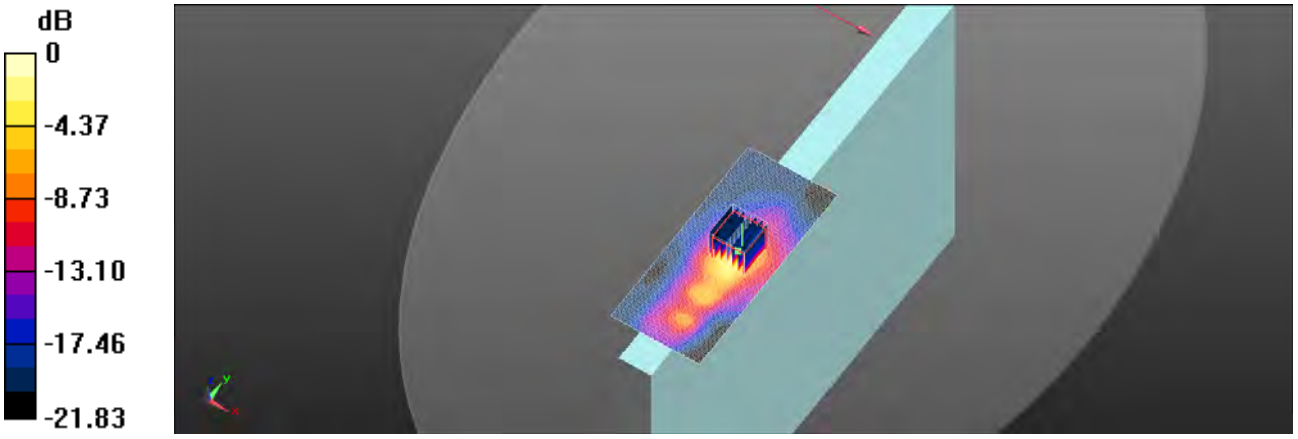
Communication System: WLAN 5G; Frequency: 5270 MHz
Medium parameters used: f = 5270 MHz; σ = 5.293 S/m; ε_r = 49.214; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.65, 4.65, 4.65); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x141x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.58 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.157 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 4.40 W/kg
SAR(1 g) = 0.877 W/kg; SAR(10 g) = 0.273 W/kg
Maximum value of SAR (measured) = 1.98 W/kg



0 dB = 1.98 W/kg = 2.97 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/9

WLAN 802.11n(40M) 5.6G_Body_Top side_CH 134_Main_0mm

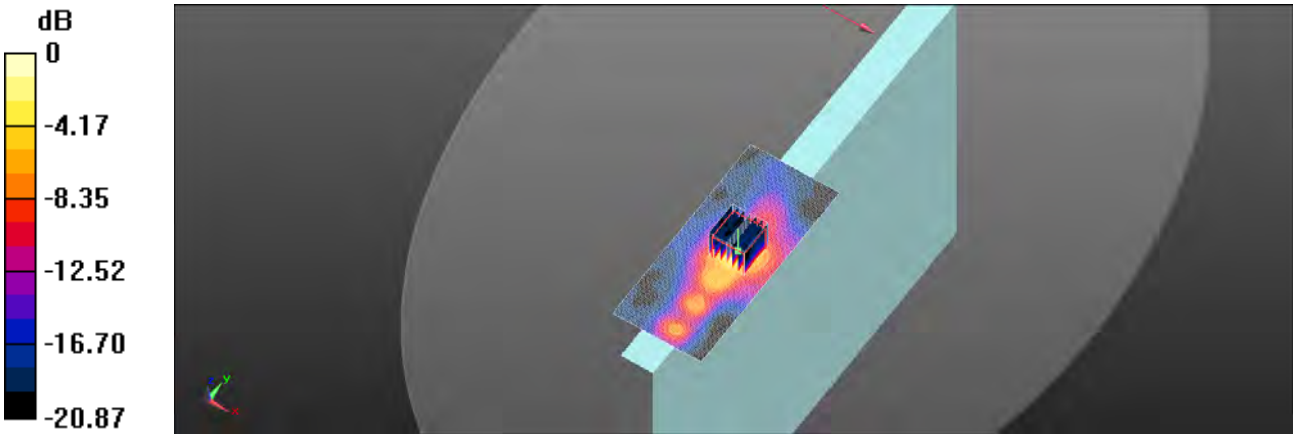
Communication System: WLAN 5G; Frequency: 5670 MHz
Medium parameters used: f = 5670 MHz; σ = 5.944 S/m; ε_r = 47.96; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.06, 4.06, 4.06); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x141x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 2.03 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.340 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 5.14 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.319 W/kg
Maximum value of SAR (measured) = 2.19 W/kg



0 dB = 2.19 W/kg = 3.40 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/9

WLAN 802.11ac(80M) 5.6G_Body_Top side_CH 138_Main_0mm

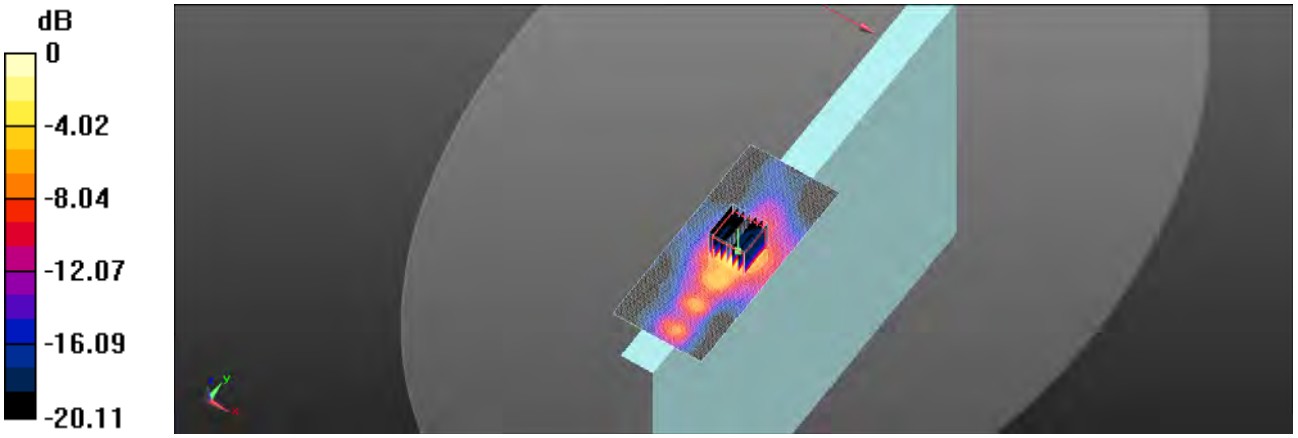
Communication System: WLAN 5G; Frequency: 5690 MHz
Medium parameters used: f = 5690 MHz; σ = 5.984 S/m; ε_r = 47.872; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.38, 4.38, 4.38); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x141x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.84 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.894 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 4.54 W/kg
SAR(1 g) = 0.918 W/kg; SAR(10 g) = 0.288 W/kg
Maximum value of SAR (measured) = 1.97 W/kg



0 dB = 1.97 W/kg = 2.94 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/10

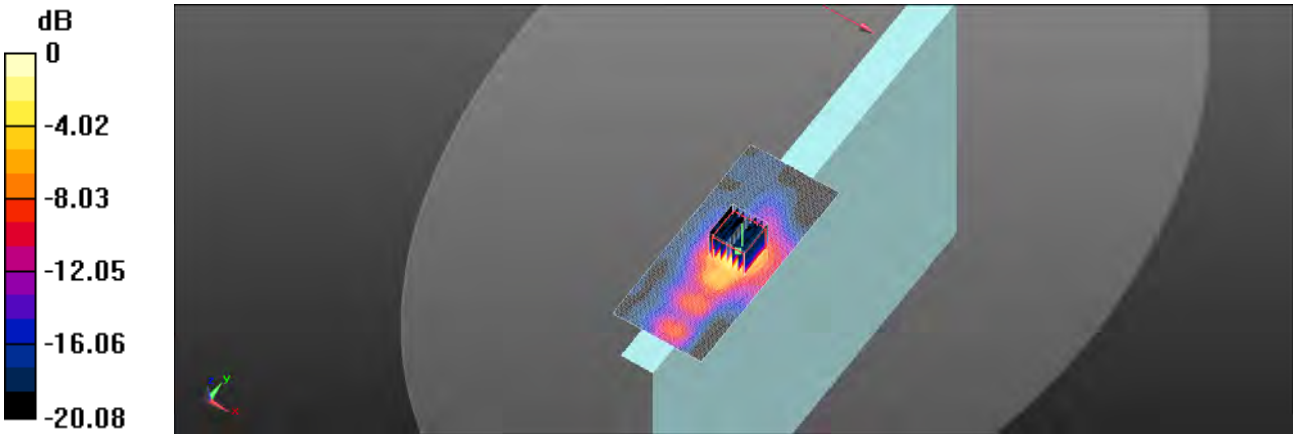
WLAN 802.11ac(80M) 5.8G_Body_Top side_CH 155_Main_0mm
Communication System: WLAN 5G; Frequency: 5775 MHz
Medium parameters used: f = 5775 MHz; σ = 6.124 S/m; ε_r = 47.592; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.38, 4.38, 4.38); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x141x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.88 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.721 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 4.93 W/kg
SAR(1 g) = 0.959 W/kg; SAR(10 g) = 0.312 W/kg
Maximum value of SAR (measured) = 2.03 W/kg



0 dB = 2.03 W/kg = 3.07 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/7

WLAN 802.11b_Body_Top side_CH 1_Aux_0mm

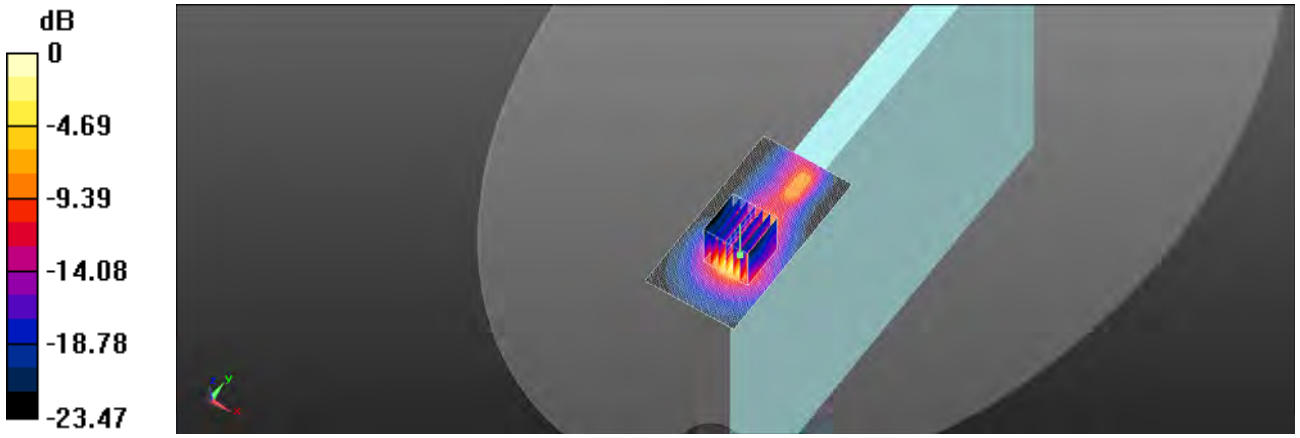
Communication System: WLAN 2.45G; Frequency: 2412 MHz
Medium parameters used: f = 2412 MHz; σ = 1.928 S/m; ε_r = 53.779; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.59, 7.59, 7.59); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 2.19 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.305 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 3.52 W/kg
SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.425 W/kg
Maximum value of SAR (measured) = 2.46 W/kg



0 dB = 2.46 W/kg = 3.91 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/7

Bluetooth(GFSK)_Body_Top side_CH 39_Aux_0mm

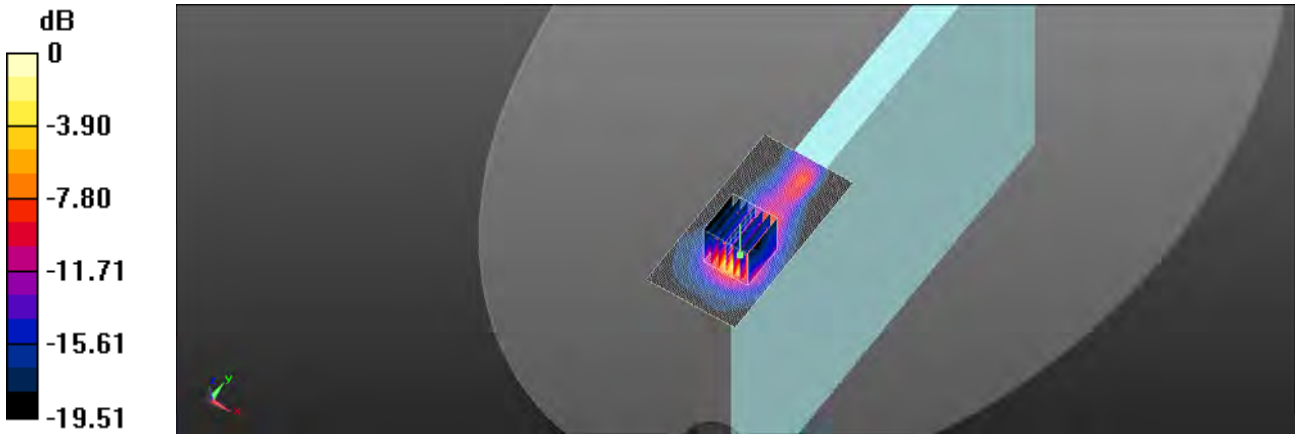
Communication System: Bluetooth; Frequency: 2441 MHz
Medium parameters used: f = 2441 MHz; σ = 1.969 S/m; ε_r = 53.692; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.59, 7.59, 7.59); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (51x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.504 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.410 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.798 W/kg
SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.098 W/kg
Maximum value of SAR (measured) = 0.557 W/kg



0 dB = 0.557 W/kg = -2.54 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/7

WLAN 802.11n(40M) 5.2G_Body_Top side_CH 46_Aux_0mm

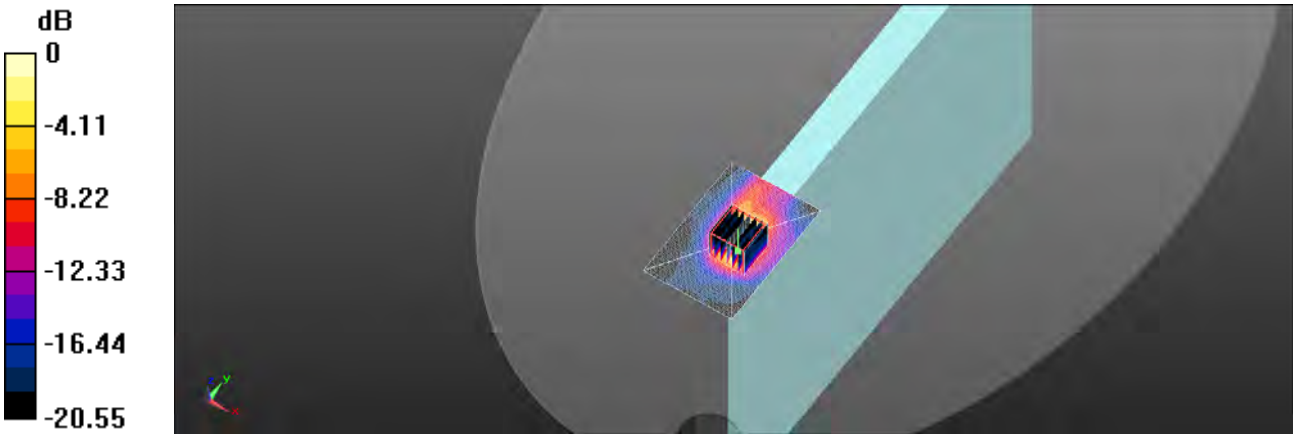
Communication System: WLAN 5G; Frequency: 5230 MHz
Medium parameters used: f = 5230 MHz; σ = 5.219 S/m; ε_r = 49.346; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.65, 4.65, 4.65); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.74 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.934 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 5.16 W/kg
SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.252 W/kg
Maximum value of SAR (measured) = 2.10 W/kg



0 dB = 2.10 W/kg = 3.22 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/8

WLAN 802.11a 5.3G_Body_Top side_CH 52_Aux_0mm

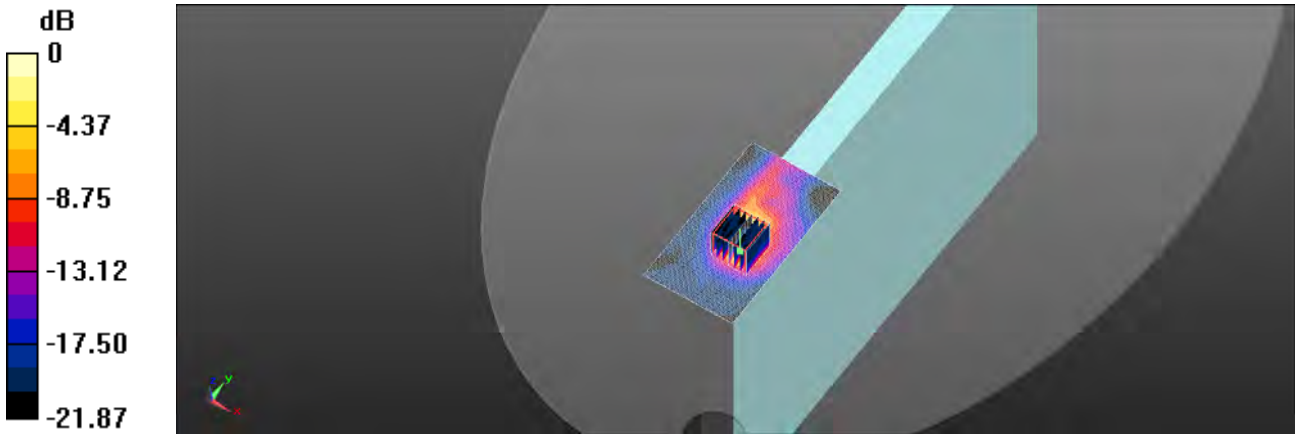
Communication System: WLAN 5G; Frequency: 5260 MHz
Medium parameters used: f = 5260 MHz; σ = 5.276 S/m; ε_r = 49.214; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.65, 4.65, 4.65); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x111x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.88 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.951 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 5.61 W/kg
SAR(1 g) = 1 W/kg; SAR(10 g) = 0.263 W/kg
Maximum value of SAR (measured) = 2.48 W/kg



0 dB = 2.48 W/kg = 3.94 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/8

WLAN 802.11n(40M) 5.3G_Body_Top side_CH 54_Aux_0mm

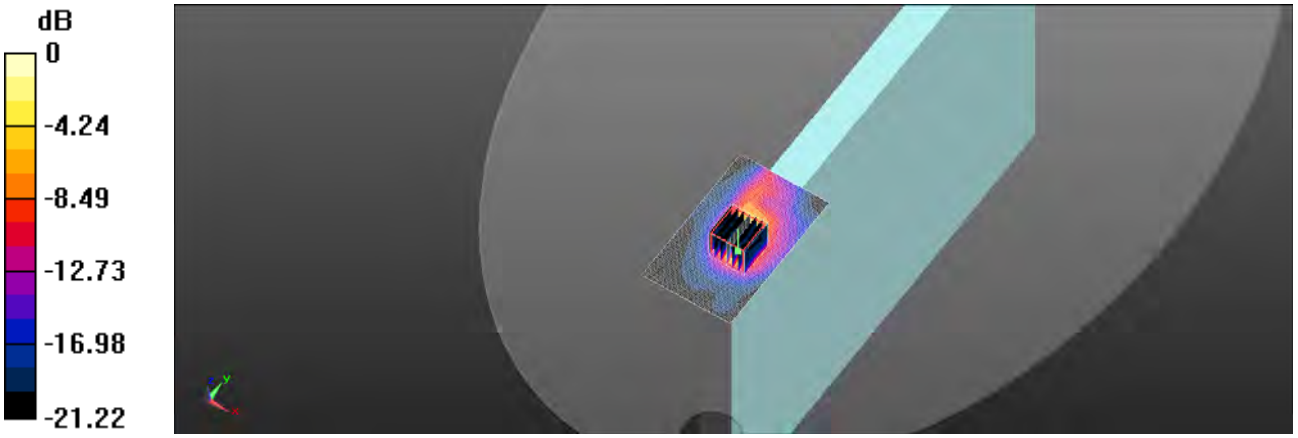
Communication System: WLAN 5G; Frequency: 5270 MHz
Medium parameters used: f = 5270 MHz; σ = 5.293 S/m; ε_r = 49.222; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.65, 4.65, 4.65); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x101x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.87 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.838 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 5.56 W/kg
SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.260 W/kg
Maximum value of SAR (measured) = 2.43 W/kg



0 dB = 2.43 W/kg = 3.86 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/9

WLAN 802.11ac(80M) 5.6G_Body_Top side_CH 106_Aux_0mm

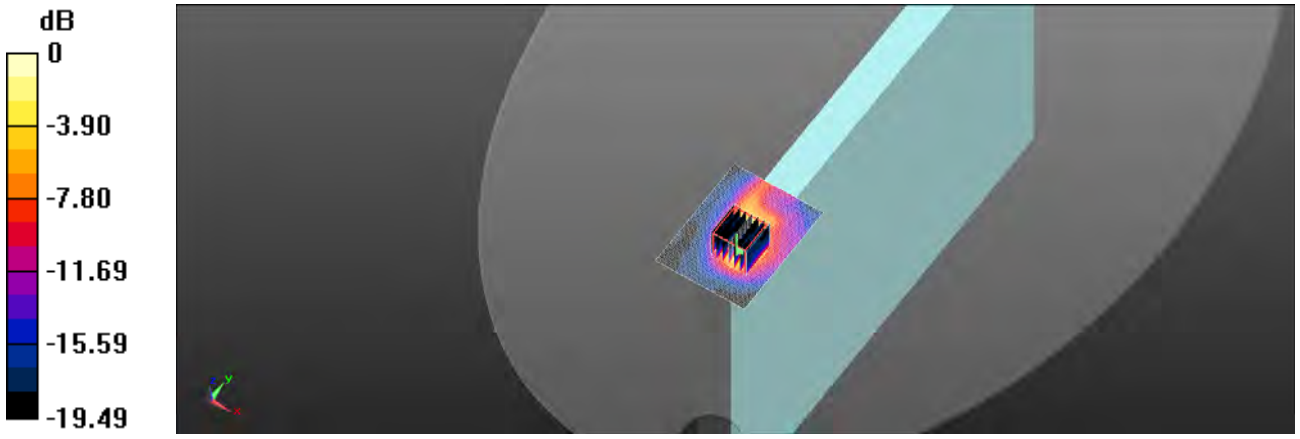
Communication System: WLAN 5G; Frequency: 5530 MHz
Medium parameters used: f = 5530 MHz; σ = 5.701 S/m; ε_r = 48.401; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.06, 4.06, 4.06); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x81x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.85 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.116 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 5.10 W/kg
SAR(1 g) = 0.910 W/kg; SAR(10 g) = 0.275 W/kg
Maximum value of SAR (measured) = 2.06 W/kg



0 dB = 2.06 W/kg = 3.14 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/10

WLAN 802.11ac(80M) 5.8G_Body_Top side_CH 155_Aux_0mm

Communication System: WLAN 5G; Frequency: 5775 MHz
Medium parameters used: f = 5775 MHz; σ = 6.124 S/m; ε_r = 47.592; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 21.9°C

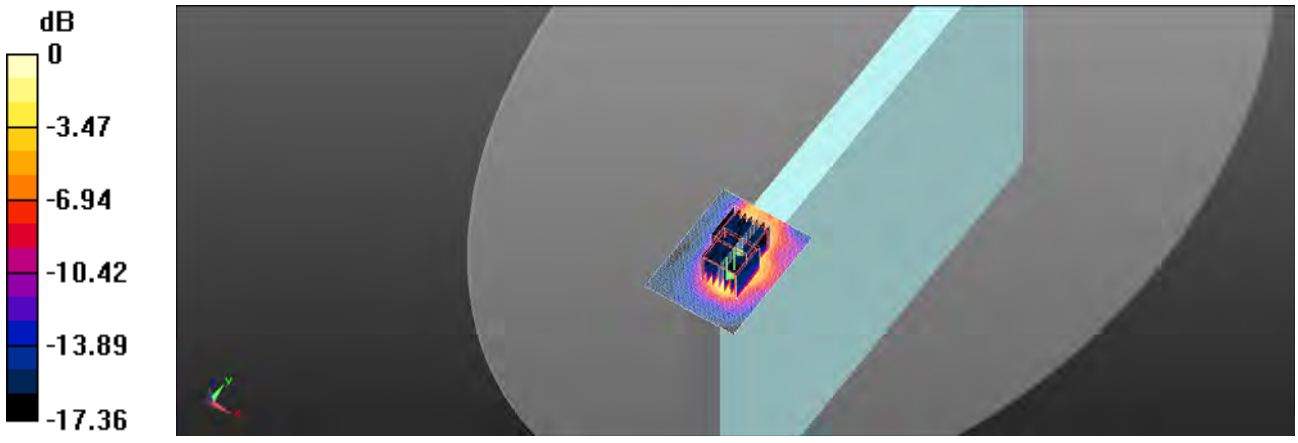
DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.38, 4.38, 4.38); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (61x81x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.63 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.950 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 4.61 W/kg
SAR(1 g) = 0.770 W/kg; SAR(10 g) = 0.256 W/kg
Maximum value of SAR (measured) = 1.81 W/kg

Zoom Scan (7x7x12)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.950 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.58 W/kg
SAR(1 g) = 0.586 W/kg; SAR(10 g) = 0.231 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

6. SAR System Performance Verification

Date: 2018/12/10

Dipole 750 MHz_SN:1015

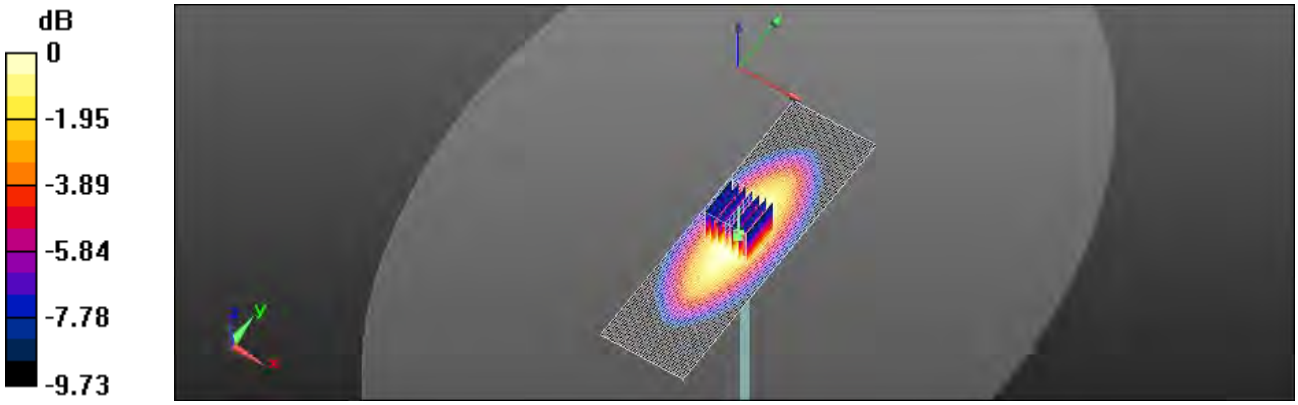
Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.979 S/m; ε_r = 53.492; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.97, 9.97, 9.97); Calibrated: 2018/4/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Pin=250mW/Area Scan (41x141x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.82 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 54.21 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.29 W/kg
SAR(1 g) = 2.25 W/kg; SAR(10 g) = 1.51 W/kg
Maximum value of SAR (measured) = 2.83 W/kg



0 dB = 2.83 W/kg = 4.52 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/14

Dipole 750 MHz_SN:1015

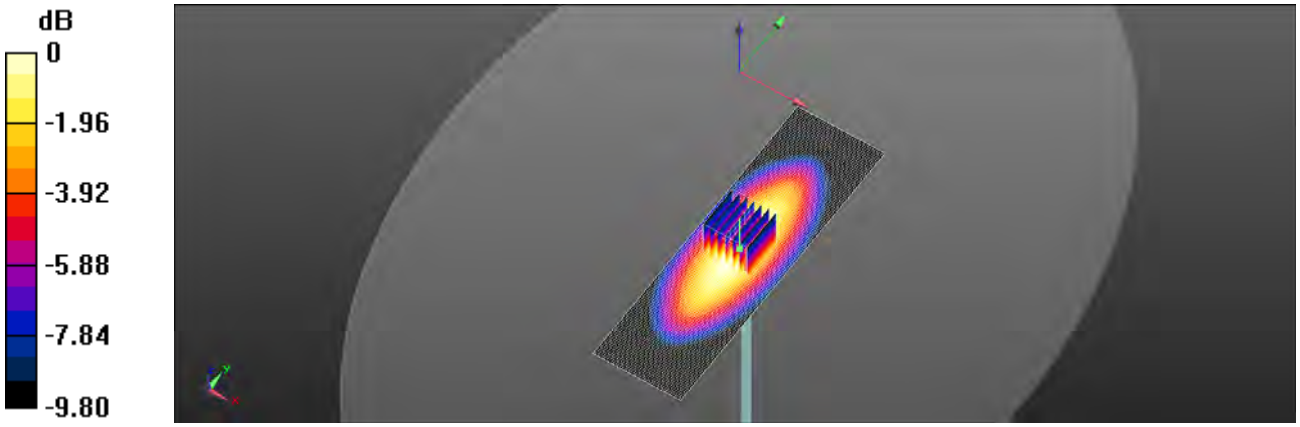
Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.969 S/m; ε_r = 57.114; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(9.97, 9.97, 9.97);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Pin=250mW/Area Scan (41x141x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.63 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.30 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.11 W/kg
SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.4 W/kg
Maximum value of SAR (measured) = 2.65 W/kg



0 dB = 2.65 W/kg = 4.23 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/11

Dipole 835 MHz_SN:4d063

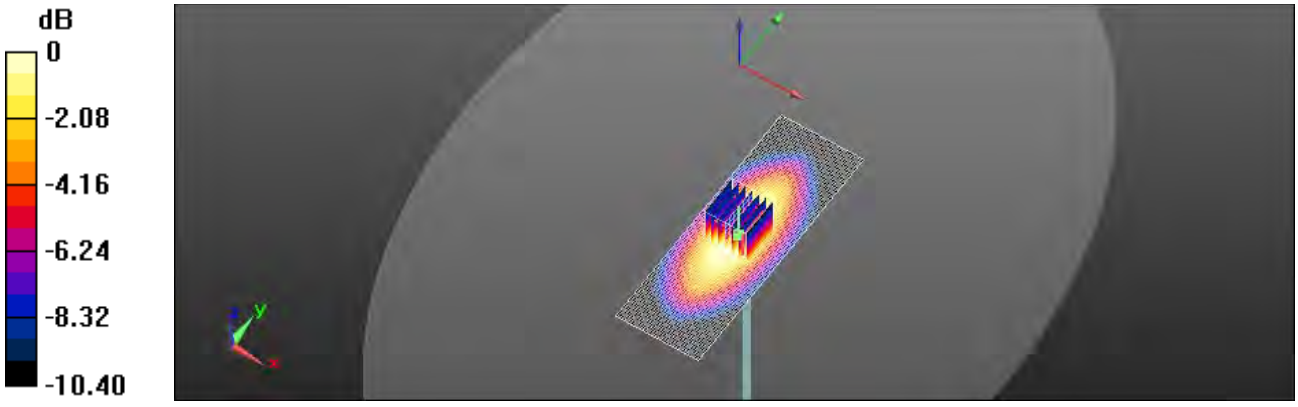
Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.996 S/m; ε_r = 57.237; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.72, 9.72, 9.72); Calibrated: 2018/4/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Pin=250mW/Area Scan (41x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 3.09 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.66 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.64 W/kg
SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.59 W/kg
Maximum value of SAR (measured) = 3.10 W/kg



0 dB = 3.10 W/kg = 4.91 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/17

Dipole 835 MHz_SN:4d063

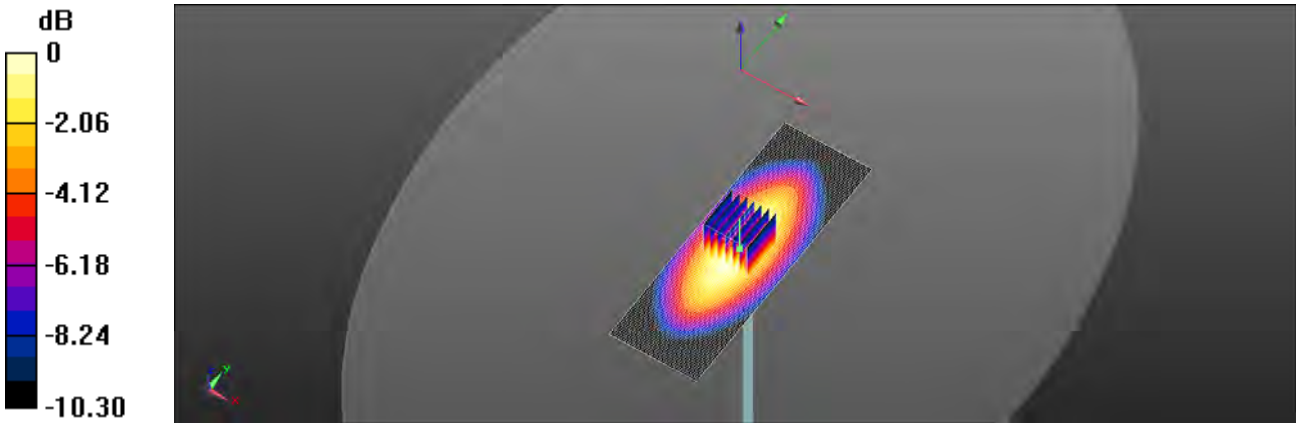
Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.996 S/m; ε_r = 57.261; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(9.72, 9.72, 9.72);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Pin=250mW/Area Scan (41x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 3.07 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.64 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.58 W/kg
SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.6 W/kg
Maximum value of SAR (measured) = 3.06 W/kg



0 dB = 3.06 W/kg = 4.86 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/12

Dipole 1750 MHz_SN:1008

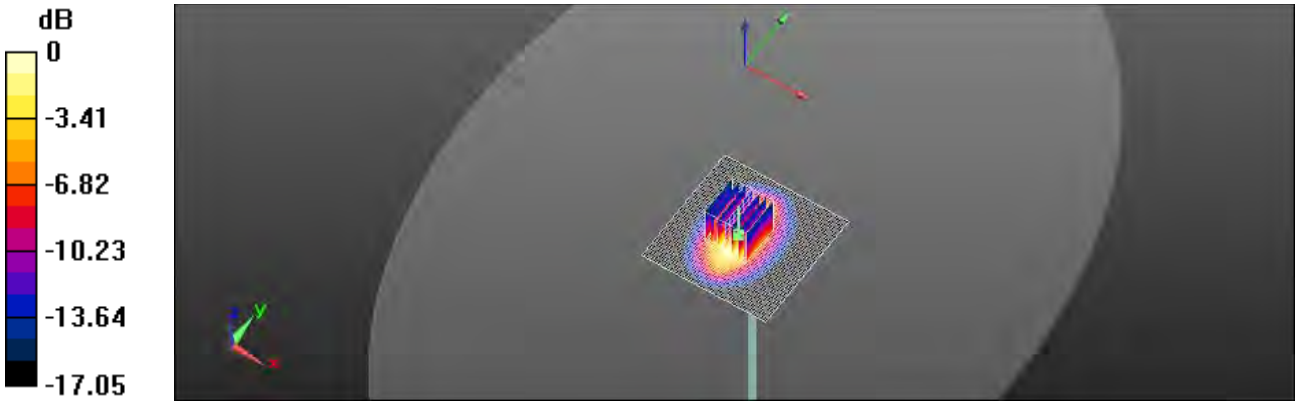
Communication System: CW; Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.468 S/m; ε_r = 51.392; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.26, 8.26, 8.26); Calibrated: 2018/4/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 13.1 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 92.28 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 17.1 W/kg
SAR(1 g) = 9.23 W/kg; SAR(10 g) = 4.83 W/kg
Maximum value of SAR (measured) = 13.3 W/kg



0 dB = 13.3 W/kg = 11.24 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/18

Dipole 1750 MHz_SN:1008

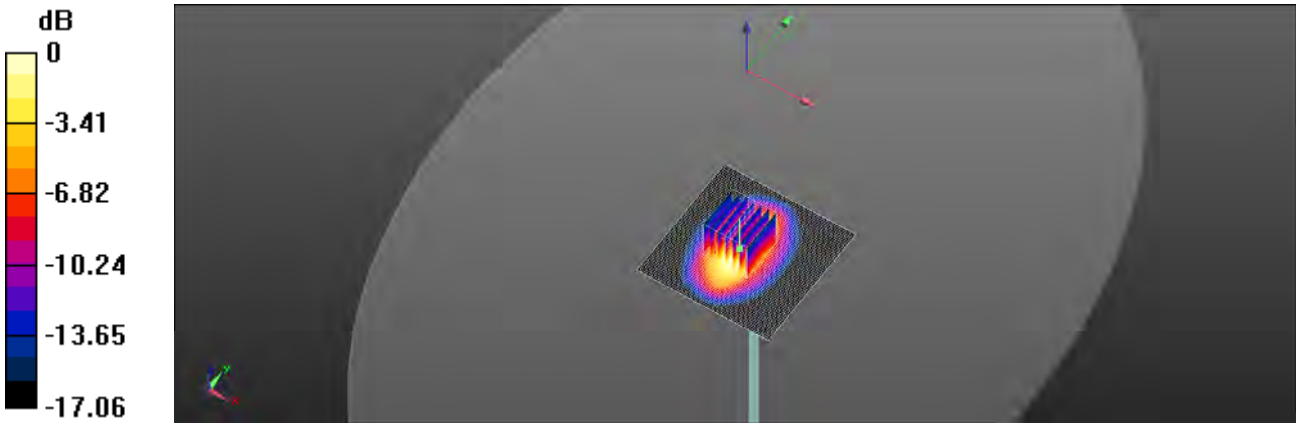
Communication System: CW; Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.474 S/m; ε_r = 51.974; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(8.26, 8.26, 8.26) ;Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 13.1 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 92.28 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 17.1 W/kg
SAR(1 g) = 9.27 W/kg; SAR(10 g) = 4.85 W/kg
Maximum value of SAR (measured) = 13.4 W/kg



0 dB = 13.4 W/kg = 11.27 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/12

Dipole 1900 MHz_SN:5d173

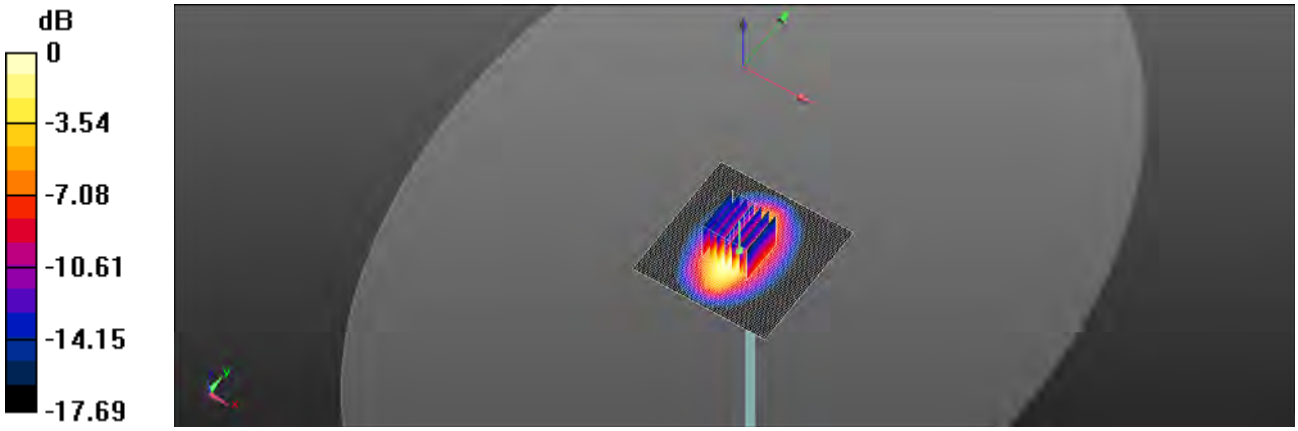
Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.63 S/m; ε_r = 50.897; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8, 8, 8); Calibrated: 2018/4/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 14.7 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 95.70 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 18.8 W/kg
SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.25 W/kg
Maximum value of SAR (measured) = 14.7 W/kg



0 dB = 14.7 W/kg = 11.67 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/18

Dipole 1900 MHz_SN: 5d173

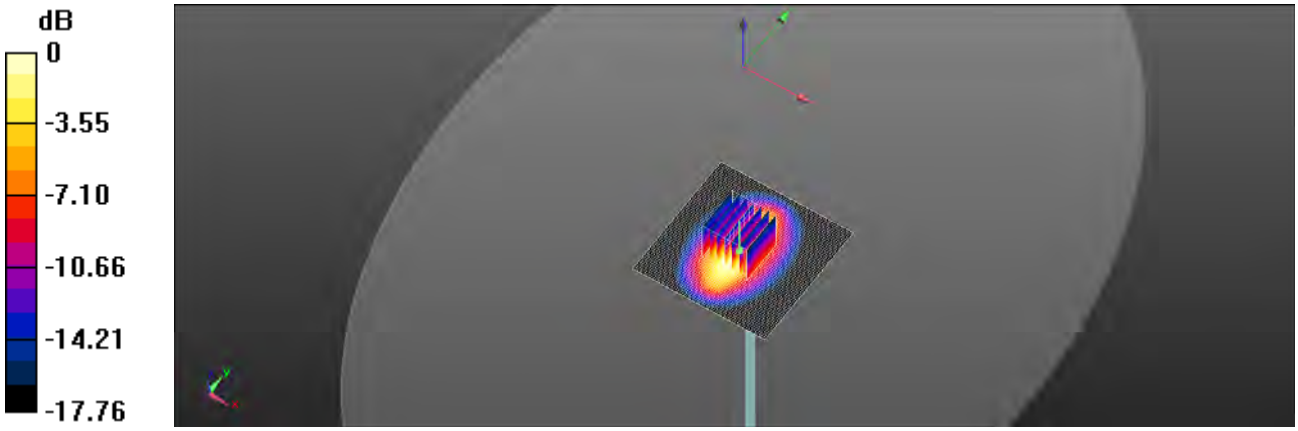
Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.642 S/m; ε_r = 51.461; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8, 8, 8); Calibrated: 2018/4/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 15.2 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 97.27 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 19.5 W/kg
SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.38 W/kg
Maximum value of SAR (measured) = 15.2 W/kg



0 dB = 15.2 W/kg = 11.82 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/13

Dipole 2300 MHz_SN:1023

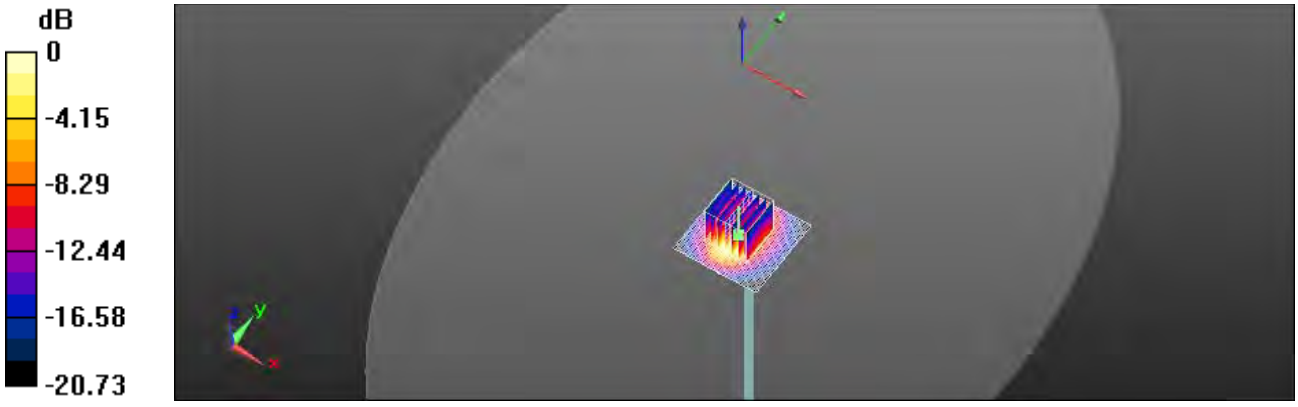
Communication System: CW; Frequency: 2300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2300 MHz; σ = 1.844 S/m; ε_r = 54.055; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.68, 7.68, 7.68); Calibrated: 2018/4/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Pin=250mW/Area Scan (51x51x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 20.2 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 98.73 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 25.4 W/kg
SAR(1 g) = 12.7 W/kg; SAR(10 g) = 6.02 W/kg
Maximum value of SAR (measured) = 19.2 W/kg



0 dB = 19.2 W/kg = 12.83 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/19

Dipole 2300 MHz_SN:1023

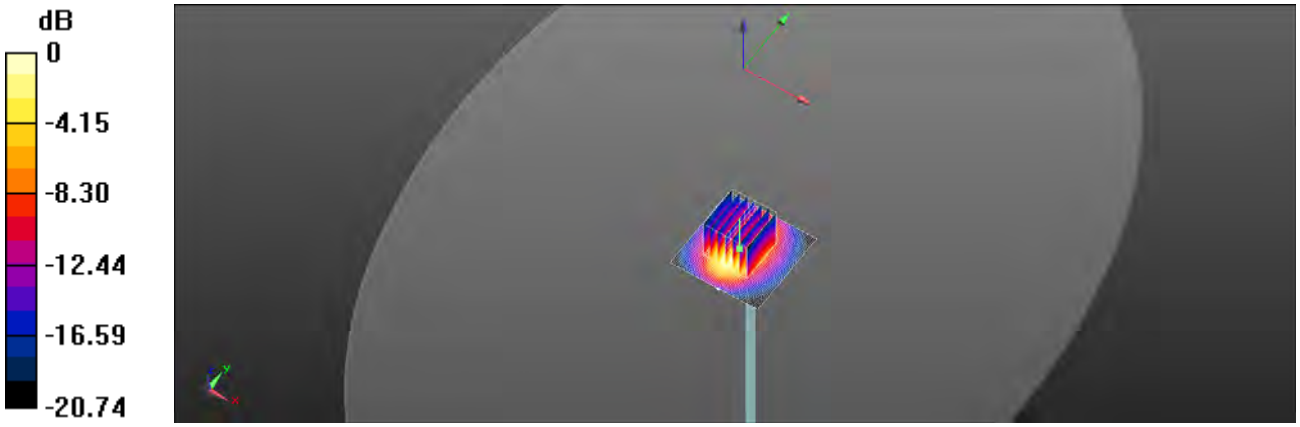
Communication System: CW; Frequency: 2300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2300 MHz; σ = 1.835 S/m; ε_r = 54.063; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(7.68, 7.68, 7.68);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Pin=250mW/Area Scan (51x51x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 19.5 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 97.05 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 24.3 W/kg
SAR(1 g) = 12.2 W/kg; SAR(10 g) = 5.77 W/kg
Maximum value of SAR (measured) = 18.4 W/kg



0 dB = 18.4 W/kg = 12.65 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/1

Dipole 2450 MHz_SN:727

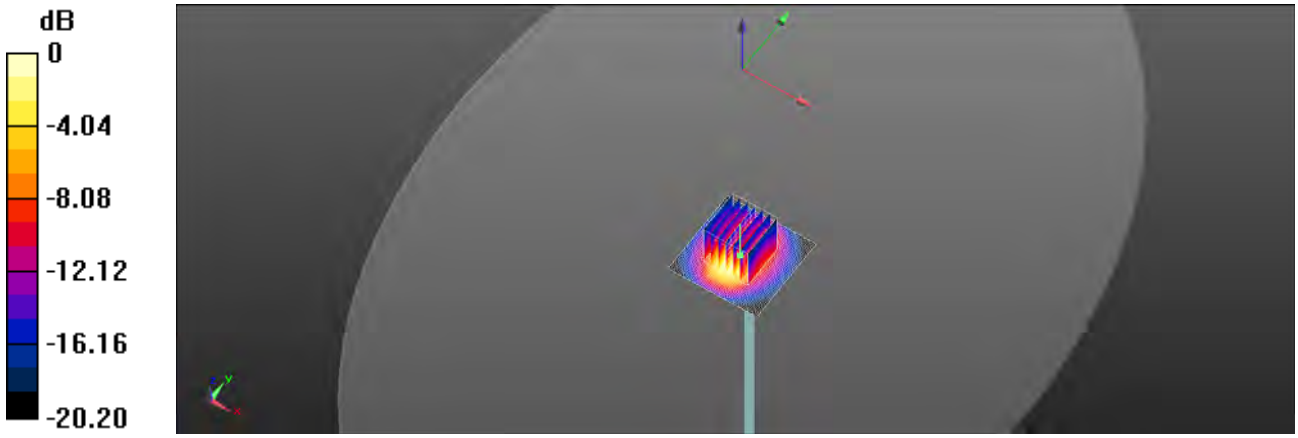
Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.974 S/m; ε_r = 53.577; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.59, 7.59, 7.59); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Pin=250mW/Area Scan (51x51x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 20.4 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 100.2 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 24.9 W/kg
SAR(1 g) = 12.8 W/kg; SAR(10 g) = 6.14 W/kg
Maximum value of SAR (measured) = 19.1 W/kg



0 dB = 19.1 W/kg = 12.81 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/7

Dipole 2450 MHz_SN:727

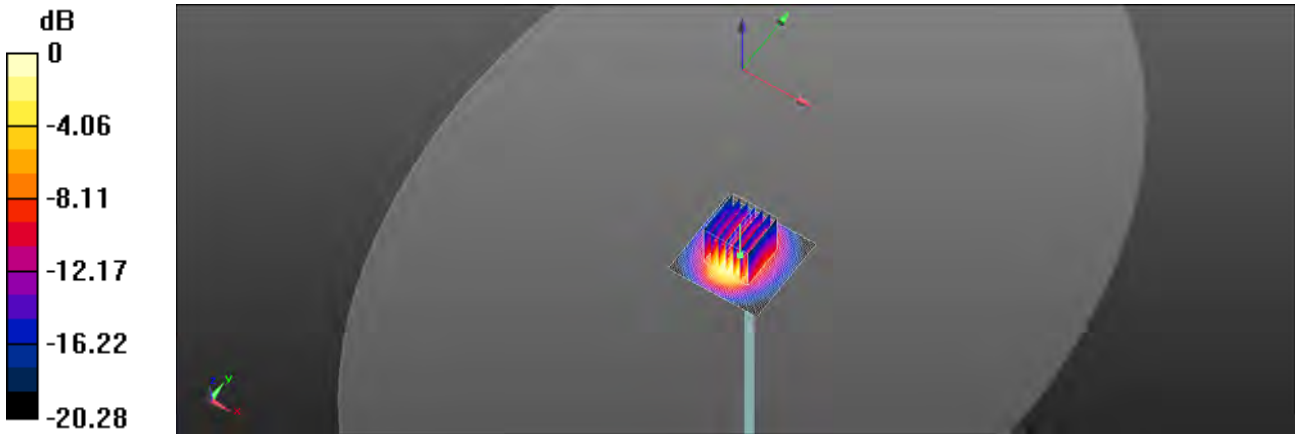
Communication System: CW; Frequency: 2450 MHz
Medium parameters used: f = 2450 MHz; σ = 1.986 S/m; ε_r = 53.722; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.59, 7.59, 7.59); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Pin=250mW/Area Scan (51x51x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 21.4 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 100.6 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 26.0 W/kg
SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.38 W/kg
Maximum value of SAR (measured) = 19.9 W/kg



0 dB = 19.9 W/kg = 12.99 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/13

Dipole 2600 MHz_SN:1005

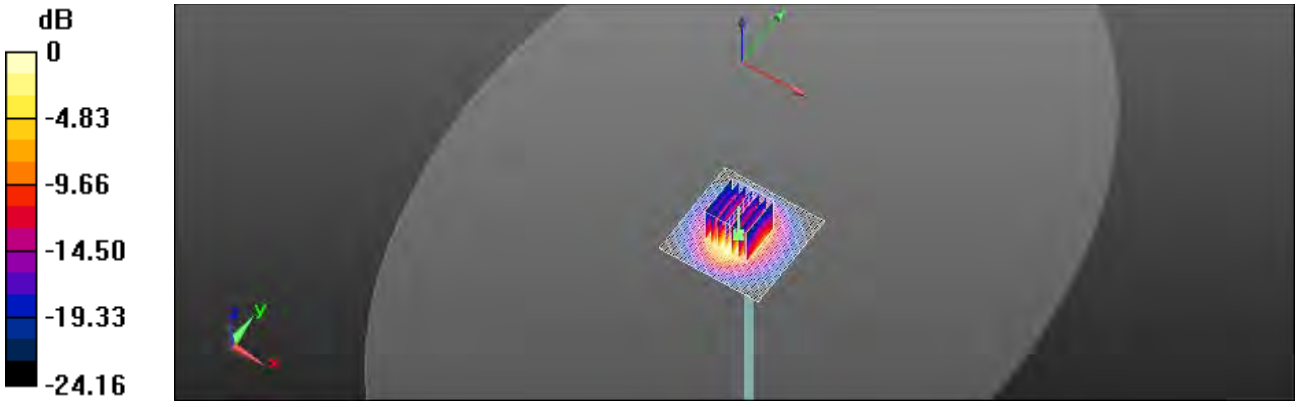
Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 2.216 S/m; ε_r = 52.576; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.37, 7.37, 7.37); Calibrated: 2018/4/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 22.6 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 99.22 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 31.4 W/kg
SAR(1 g) = 14.3 W/kg; SAR(10 g) = 6.27 W/kg
Maximum value of SAR (measured) = 22.7 W/kg



0 dB = 22.7 W/kg = 13.56 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/19

Dipole 2600 MHz_SN:1005

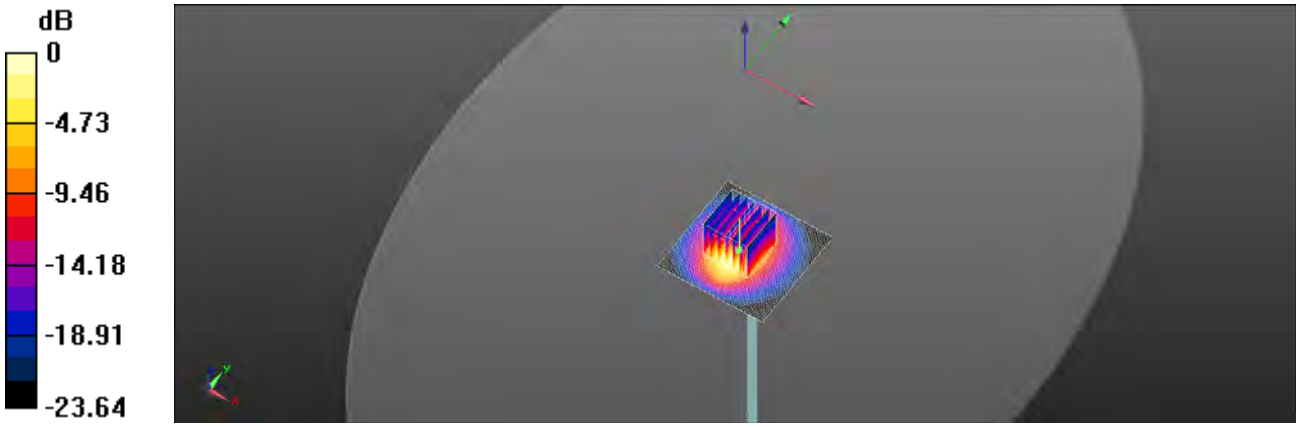
Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 2.224 S/m; ε_r = 51.104; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770;ConvF(7.37, 7.37, 7.37);Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 21.4 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 97.06 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 29.7 W/kg
SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.09 W/kg
Maximum value of SAR (measured) = 21.5 W/kg



0 dB = 21.5 W/kg = 13.32 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/3

Dipole 5200 MHz_SN:1023

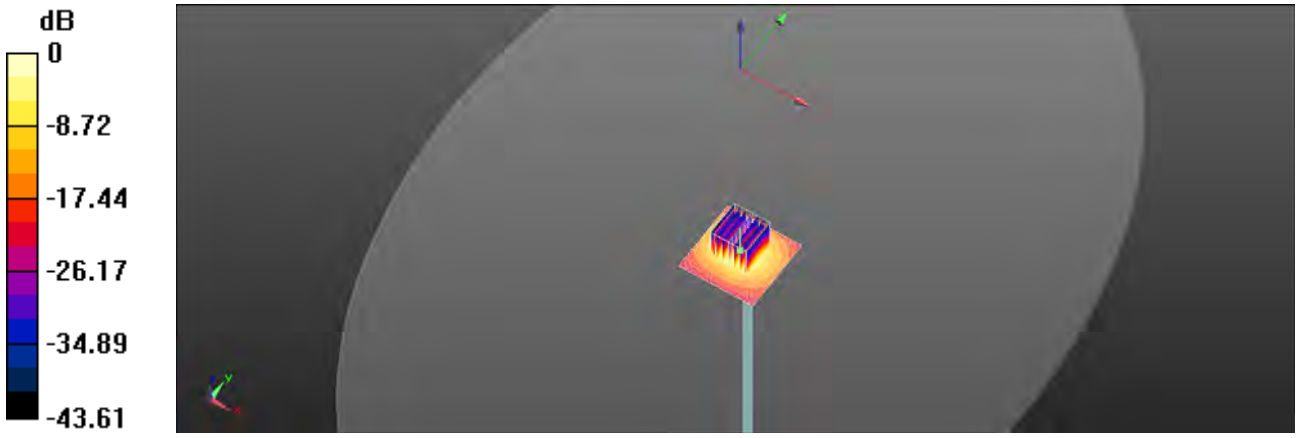
Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.158 S/m; ε_r = 49.348; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.65, 4.65, 4.65); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Pin=100mW/Area Scan (51x51x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 14.6 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 54.81 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 34.3 W/kg
SAR(1 g) = 7.09 W/kg; SAR(10 g) = 1.97 W/kg
Maximum value of SAR (measured) = 15.2 W/kg



0 dB = 15.2 W/kg = 11.82 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/7

Dipole 5200 MHz_SN:1023

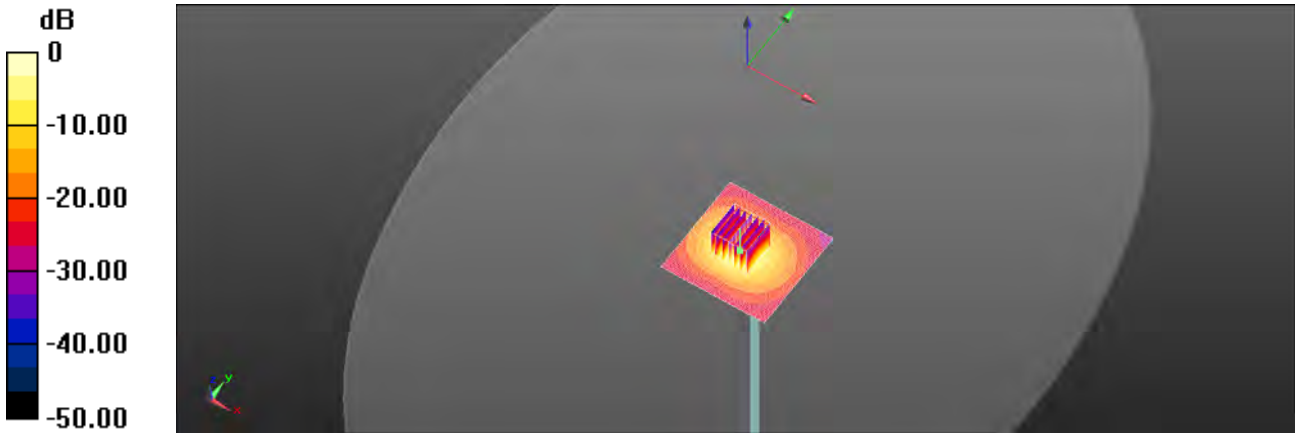
Communication System: CW; Frequency: 5200 MHz
Medium parameters used: f = 5200 MHz; σ = 5.165 S/m; ε_r = 49.473; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.65, 4.65, 4.65); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 14.6 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 54.88 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 30.1 W/kg
SAR(1 g) = 7.07 W/kg; SAR(10 g) = 1.99 W/kg
Maximum value of SAR (measured) = 15.1 W/kg



0 dB = 15.1 W/kg = 11.79 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/4

Dipole 5300 MHz_SN:1023

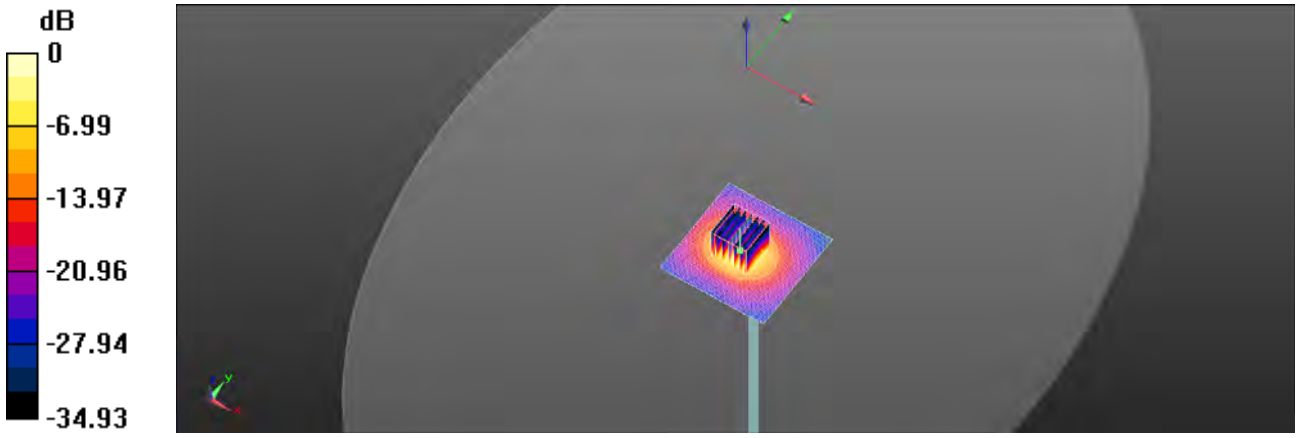
Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 5.323 S/m; ε_r = 49.055; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.65, 4.65, 4.65); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.11(7439)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 15.3 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 55.07 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 31.9 W/kg
SAR(1 g) = 7.39 W/kg; SAR(10 g) = 2.07 W/kg
Maximum value of SAR (measured) = 15.9 W/kg



0 dB = 15.9 W/kg = 12.01 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/8

Dipole 5300 MHz_SN:1023

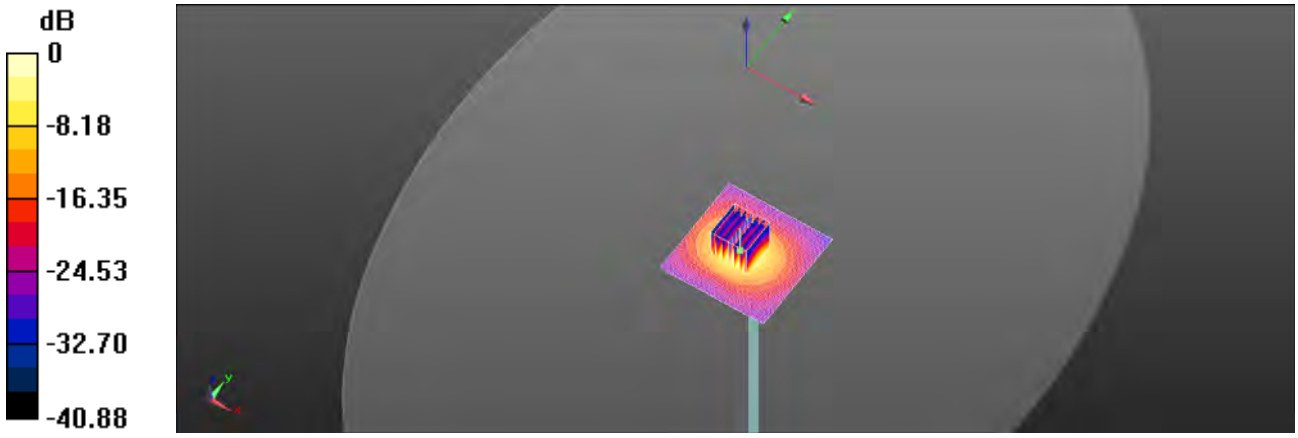
Communication System: CW; Frequency: 5300 MHz
Medium parameters used: f = 5300 MHz; σ = 5.338 S/m; ε_r = 49.159; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.65, 4.65, 4.65); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 15.7 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 55.21 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 32.6 W/kg
SAR(1 g) = 7.52 W/kg; SAR(10 g) = 2.11 W/kg
Maximum value of SAR (measured) = 16.1 W/kg



0 dB = 16.1 W/kg = 12.07 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/5

Dipole 5600 MHz_SN:1023

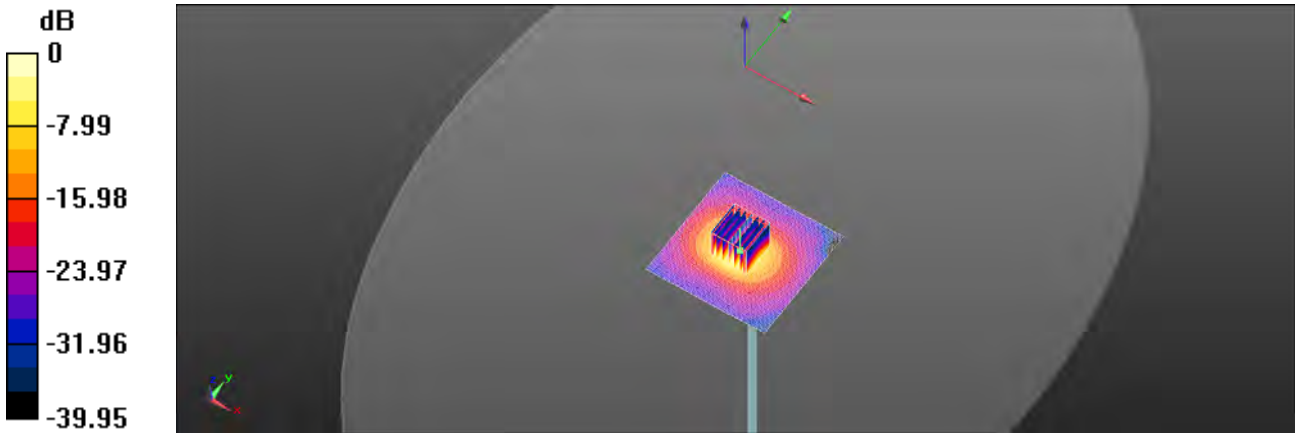
Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.808 S/m; ε_r = 48.082; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.06, 4.06, 4.06); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.11(7439)

Pin=100mW/Area Scan (81x81x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 15.7 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 54.01 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 36.1 W/kg
SAR(1 g) = 7.88 W/kg; SAR(10 g) = 2.18 W/kg
Maximum value of SAR (measured) = 17.0 W/kg



0 dB = 17.0 W/kg = 12.30 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/9

Dipole 5600 MHz_SN:1023

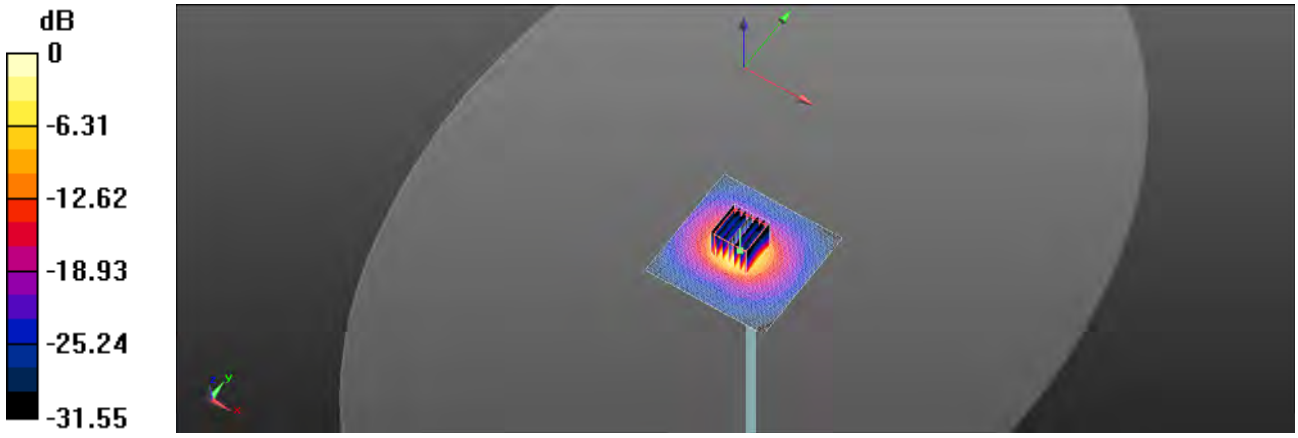
Communication System: CW; Frequency: 5600 MHz
Medium parameters used: f = 5600 MHz; σ = 5.82 S/m; ε_r = 48.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.06, 4.06, 4.06); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Pin=100mW/Area Scan (81x81x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 15.9 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 54.83 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 36.2 W/kg
SAR(1 g) = 7.82 W/kg; SAR(10 g) = 2.15 W/kg
Maximum value of SAR (measured) = 17.1 W/kg



0 dB = 17.1 W/kg = 12.33 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/6

Dipole 5800 MHz_SN:1023

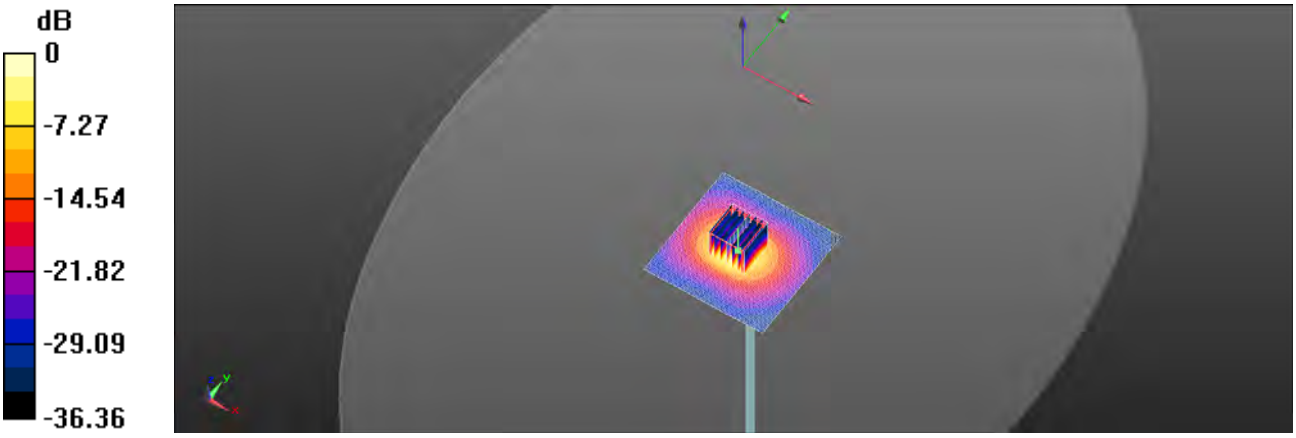
Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 6.143 S/m; ε_r = 47.441; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.38, 4.38, 4.38); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.11(7439)

Pin=100mW/Area Scan (81x81x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 14.7 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 51.70 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 35.6 W/kg
SAR(1 g) = 7.32 W/kg; SAR(10 g) = 2.03 W/kg
Maximum value of SAR (measured) = 16.0 W/kg



0 dB = 16.0 W/kg = 12.04 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Date: 2018/12/10

Dipole 5800 MHz_SN:1023

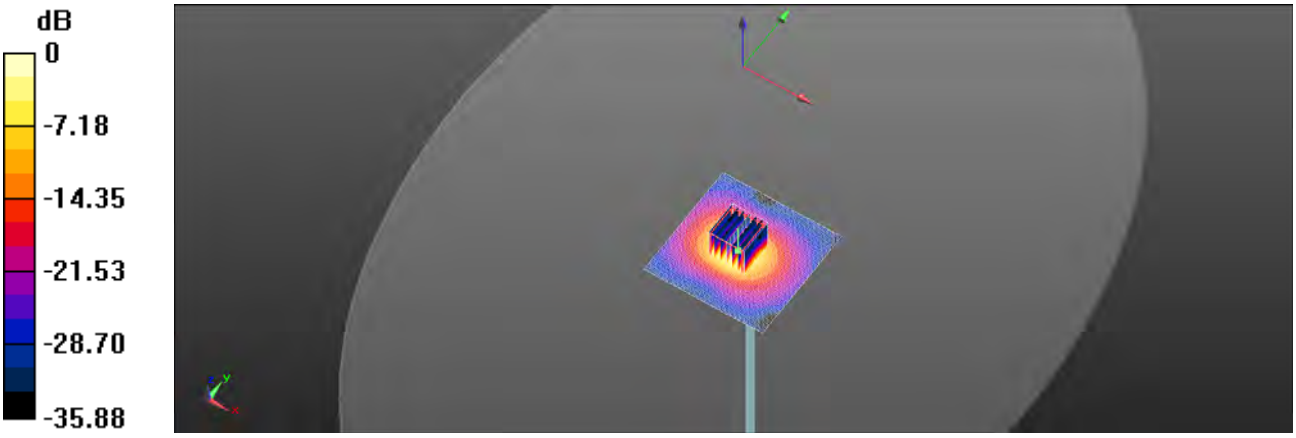
Communication System: CW; Frequency: 5800 MHz
Medium parameters used: f = 5800 MHz; σ = 6.158 S/m; ε_r = 47.587; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.38, 4.38, 4.38); Calibrated: 2018/4/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn856; Calibrated: 2018/4/21
- Phantom: ELI
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Pin=100mW/Area Scan (81x81x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 15.0 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 51.77 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 36.0 W/kg
SAR(1 g) = 7.43 W/kg; SAR(10 g) = 2.07 W/kg
Maximum value of SAR (measured) = 16.2 W/kg



0 dB = 16.2 W/kg = 12.10 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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. DAE & Probe Calibration Certificate



Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client SGS-TW (Auden)

Certificate No: DAE4-856_Apr18

CALIBRATION CERTIFICATE

Object	DAE4 - SD 000 D04 BM - SN: 856
Calibration procedure(s)	QA CAL-06.v29 Calibration procedure for the data acquisition electronics (DAE)
Calibration date:	April 21, 2018

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Keithley Multimeter Type 2001	SN: 0810278	31-Aug-17 (No:21092)	Aug-18
Secondary Standards	**ID #**	**Check Date (in house)**	**Scheduled Check**
Auto DAE Calibration Unit	SE UWS 053 AA 1001	04-Jan-18 (in house check)	In house check: Jan-19
Calibrator Box V2.1	SE UMS 006 AA 1002	04-Jan-18 (in house check)	In house check: Jan-19

	Name	Function	Signature
Calibrated by:	Adrian Gehring	Laboratory Technician	
Approved by:	Sven Kühn	Deputy Manager	

Issued: April 21, 2018

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Certificate No: DAE4-856_Apr18 Page 1 of 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Glossary

DAE	data acquisition electronics
Connector angle	information used in DASY system to align probe sensor X to the robot coordinate system.

Methods Applied and Interpretation of Parameters

- *DC Voltage Measurement*: Calibration Factor assessed for use in DASY system by comparison with a calibrated instrument traceable to national standards. The figure given corresponds to the full scale range of the voltmeter in the respective range.
- *Connector angle*: The angle of the connector is assessed measuring the angle mechanically by a tool inserted. Uncertainty is not required.
- The following parameters as documented in the Appendix contain technical information as a result from the performance test and require no uncertainty.
  - *DC Voltage Measurement Linearity:* Verification of the Linearity at +10% and -10% of the nominal calibration voltage. Influence of offset voltage is included in this measurement.
  - *Common mode sensitivity:* Influence of a positive or negative common mode voltage on the differential measurement.
  - *Channel separation:* Influence of a voltage on the neighbor channels not subject to an input voltage.
  - *AD Converter Values with inputs shorted:* Values on the internal AD converter corresponding to zero input voltage
  - *Input Offset Measurement*: Output voltage and statistical results over a large number of zero voltage measurements.
  - *Input Offset Current*: Typical value for information. Maximum channel input offset current, not considering the input resistance.
  - *Input resistance:* Typical value for information: DAE input resistance at the connector, during internal auto-zeroing and during measurement.
  - *Low Battery Alarm Voltage:* Typical value for information. Below this voltage, a battery alarm signal is generated.
  - *Power consumption:* Typical value for information. Supply currents in various operating modes.

Certificate No: DAE4-886_Apr16 Page 2 of 5

B.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

DC Voltage Measurement

A/D - Converter Resolution nominal

High Range:	1LSB =	6.1μV ,	full range =	-100...+300 mV
Low Range:	1LSB =	61nV ,	full range =	-1.....+3mV

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

Calibration Factors	X	Y	Z
High Range	403.380 ± 0.02% (k=2)	404.500 ± 0.02% (k=2)	403.824 ± 0.02% (k=2)
Low Range	3.97569 ± 1.50% (k=2)	3.98803 ± 1.50% (k=2)	3.94148 ± 1.50% (k=2)

Connector Angle

Connector Angle to be used in DASY system	264.5 ° ± 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Appendix (Additional assessments outside the scope of SCS0108)

1. DC Voltage Linearity

High Range		Reading (µV)	Difference (µV)	Error (%)
Channel X	+ Input	199991.32	-3.93	-0.00
Channel X	+ Input	20000.89	-0.73	-0.00
Channel X	- Input	-19999.72	1.36	-0.01
Channel Y	+ Input	199995.30	0.19	0.00
Channel Y	+ Input	19999.58	-1.86	-0.01
Channel Y	- Input	-20002.18	-0.91	0.00
Channel Z	+ Input	199995.15	0.22	0.00
Channel Z	+ Input	19998.23	-3.34	-0.02
Channel Z	- Input	-20002.45	-1.22	0.01

Low Range		Reading (µV)	Difference (µV)	Error (%)
Channel X	+ Input	2001.18	-0.15	-0.01
Channel X	+ Input	202.02	0.40	0.20
Channel X	- Input	-197.78	0.37	-0.19
Channel Y	+ Input	1999.81	-1.28	-0.06
Channel Y	+ Input	201.37	-0.27	-0.13
Channel Y	- Input	-199.29	-0.94	0.47
Channel Z	+ Input	2000.80	-0.29	-0.01
Channel Z	+ Input	201.21	-0.19	-0.10
Channel Z	- Input	-199.51	-1.18	0.60

2. Common mode sensitivity

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	Common mode Input Voltage (mV)	High Range Average Reading (µV)	Low Range Average Reading (µV)
Channel X	200	-13.71	-15.90
	- 200	17.59	16.11
Channel Y	200	-2.20	-2.52
	- 200	0.55	-0.02
Channel Z	200	11.04	10.58
	- 200	-12.61	-12.99

3. Channel separation

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	Input Voltage (mV)	Channel X (µV)	Channel Y (µV)	Channel Z (µV)
Channel X	200	-	2.30	-2.46
Channel Y	200	7.31	-	3.25
Channel Z	200	8.90	4.49	-

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

4. AD-Converter Values with inputs shorted

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	High Range (LSB)	Low Range (LSB)
Channel X	16218	15730
Channel Y	15957	16114
Channel Z	15879	16093

5. Input Offset Measurement

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec
Input 10MΩ

	Average (μV)	min. Offset (μV)	max. Offset (μV)	Std. Deviation (μV)
Channel X	-0.35	-1.46	1.21	0.40
Channel Y	-0.34	-1.68	0.58	0.46
Channel Z	-0.03	-1.43	1.45	0.57

6. Input Offset Current

Nominal Input circuitry offset current on all channels: <25fA

7. Input Resistance (Typical values for information)

	Zeroing (kOhm)	Measuring (MOhm)
Channel X	200	200
Channel Y	200	200
Channel Z	200	200

8. Low Battery Alarm Voltage (Typical values for information)

Typical values	Alarm Level (VDC)
Supply (+ Vcc)	+7.9
Supply (- Vcc)	-7.6

9. Power Consumption (Typical values for information)

Typical values	Switched off (mA)	Stand by (mA)	Transmitting (mA)
Supply (+ Vcc)	+0.01	+6	+14
Supply (- Vcc)	-0.01	-8	-9

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client: SGS-TW (Auden)

Certificate No: EX3-3770_Apr18

CALIBRATION CERTIFICATE

Object: EX3DV4 - SN:3770

Calibration procedure(s): QA CAL-01.v9, QA CAL-12.v9, QA CAL-14.v4, QA CAL-23.v5, QA CAL-25.v6
Calibration procedure for dosimetric E-field probes

Calibration date: April 25, 2018

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-18 (No. 217-02572/02573)	Apr-19
Power sensor NRP-Z91	SN: 103244	04-Apr-18 (No. 217-02572)	Apr-19
Power sensor NRP-Z91	SN: 103245	04-Apr-18 (No. 217-02573)	Apr-19
Reference 20 dB Attenuator	SN: 55277 (20x)	04-Apr-18 (No. 217-02582)	Apr-19
Reference Probe ES3DV2	SN: 3013	30-Dec-17 (No. ES3-3013_Dec17)	Dec-18
DAE4	SN: 660	21-Dec-17 (No. DAE4-660_Dec17)	Dec-18
Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-16)	In house check: Jun-18
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-16)	In house check: Jun-18
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-16)	In house check: Jun-18
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-16)	In house check: Jun-18
Network Analyzer HP 8753E	SN: US37390585	18-Oct-01 (in house check Oct-17)	In house check: Oct-18

	Name	Function	Signature
Calibrated by:	Claudio Leubler	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: April 26, 2018

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zürich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Glossary:

TSL	tissue simulating liquid
NORMx,y,z	sensitivity in free space
ConvF	sensitivity in TSL / NORMx,y,z
DCP	diode compression point
CF	crest factor (1/duty_cycle) of the RF signal
A, B, C, D	modulation dependent linearization parameters
Polarization φ	φ rotation around probe axis
Polarization ϑ	ϑ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., ϑ = 0 is normal to probe axis
Connector Angle	information used in DASY system to align probe sensor X to the robot coordinate system

Calibration is Performed According to the Following Standards:

a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
b) IEC 62209-1, "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- *NORMx,y,z*: Assessed for E-field polarization ϑ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E^2-field uncertainty inside TSL (see below *ConvF*).
- *NORM(f)x,y,z = NORMx,y,z * frequency_response* (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of *ConvF*.
- *DCPx,y,z*: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal (no uncertainty required). DCP does not depend on frequency nor media.
- *PAR*: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- *Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z*: *A, B, C, D* are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. *VR* is the maximum calibration range expressed in RMS voltage across the diode.
- *ConvF and Boundary Effect Parameters*: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to *NORMx,y,z * ConvF* whereby the uncertainty corresponds to that given for *ConvF*. A frequency dependent *ConvF* is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100 MHz.
- *Spherical Isotropy (3D deviation from Isotropy)*: In a field of low gradients realized using a flat phantom exposed by a patch antenna.
- *Sensor Offset*: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- *Connector Angle*: The angle is assessed using the information gained by determining the *NORMx* (no uncertainty 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Probe EX3DV4

SN:3770

Manufactured: July 6, 2010
Calibrated: April 25, 2018

Calibrated for DASY/EASY Systems
(Note: non-compatible with DASY2 system!)

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3770

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm (μV/(V/m)^2)[A]	0.30	0.60	0.38	± 10.1 %
DCP (mV)[B]	101.9	101.9	101.5	

Modulation Calibration Parameters

UID	Communication System Name		A dB	B dB$\sqrt{\mu V}$	C	D dB	VR mV	Unc[F] (k=2)
0	CW	X	0.0	0.0	1.0	0.00	138.1	±3.5 %
		Y	0.0	0.0	1.0		134.7	
		Z	0.0	0.0	1.0		135.6	

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

[A] The uncertainties of Norm X,Y,Z do not affect the E^2-field uncertainty inside TSL (see Pages 5 and 6).
[B] Numerical linearization parameter: uncertainty not required.
[F] Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3770

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) [C]	Relative Permittivity [F]	Conductivity (S/m) [F]	ConvF X	ConvF Y	ConvF Z	Alpha [G]	Depth [G] (mm)	Unc (k=2)
450	43.5	0.87	11.20	11.20	11.20	0.13	1.25	± 13.3 %
750	41.9	0.89	10.05	10.05	10.05	0.43	0.80	± 12.0 %
835	41.5	0.90	9.55	9.55	9.55	0.35	0.97	± 12.0 %
900	41.5	0.97	9.36	9.36	9.36	0.27	1.10	± 12.0 %
1750	40.1	1.37	8.48	8.48	8.48	0.35	0.80	± 12.0 %
1900	40.0	1.40	8.22	8.22	8.22	0.32	0.80	± 12.0 %
2000	40.0	1.40	8.15	8.15	8.15	0.38	0.80	± 12.0 %
2300	39.5	1.67	7.78	7.78	7.78	0.33	0.84	± 12.0 %
2450	39.2	1.80	7.43	7.43	7.43	0.38	0.80	± 12.0 %
2600	39.0	1.96	7.20	7.20	7.20	0.36	0.84	± 12.0 %
5250	35.9	4.71	5.25	5.25	5.25	0.40	1.80	± 13.1 %
5600	35.5	5.07	4.92	4.92	4.92	0.40	1.80	± 13.1 %
5750	35.4	5.22	5.21	5.21	5.21	0.40	1.80	± 13.1 %

[C] Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Above 5 GHz frequency validity can be extended to ± 110 MHz.
[F] At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ε and σ) is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.
[G] Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3770

Calibration Parameter Determined in Body Tissue Simulating Media

f (MHz) [C]	Relative Permittivity [F]	Conductivity (S/m) [F]	ConvF X	ConvF Y	ConvF Z	Alpha [G]	Depth [G] (mm)	Unc (k=2)
450	56.7	0.94	10.68	10.68	10.68	0.08	1.25	± 13.3 %
750	55.5	0.96	9.97	9.97	9.97	0.39	0.95	± 12.0 %
835	55.2	0.97	9.72	9.72	9.72	0.45	0.88	± 12.0 %
900	55.0	1.05	9.64	9.64	9.64	0.44	0.85	± 12.0 %
1750	53.4	1.49	8.26	8.26	8.26	0.43	0.80	± 12.0 %
1900	53.3	1.52	8.00	8.00	8.00	0.37	0.87	± 12.0 %
2000	53.3	1.52	7.97	7.97	7.97	0.29	1.00	± 12.0 %
2300	52.9	1.81	7.68	7.68	7.68	0.42	0.84	± 12.0 %
2450	52.7	1.95	7.59	7.59	7.59	0.41	0.84	± 12.0 %
2600	52.5	2.16	7.37	7.37	7.37	0.15	0.98	± 12.0 %
5250	48.9	5.36	4.65	4.65	4.65	0.50	1.90	± 13.1 %
5600	48.5	5.77	4.06	4.06	4.06	0.50	1.90	± 13.1 %
5750	48.3	5.94	4.38	4.38	4.38	0.50	1.90	± 13.1 %

[C] Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Above 5 GHz frequency validity can be extended to ± 110 MHz.

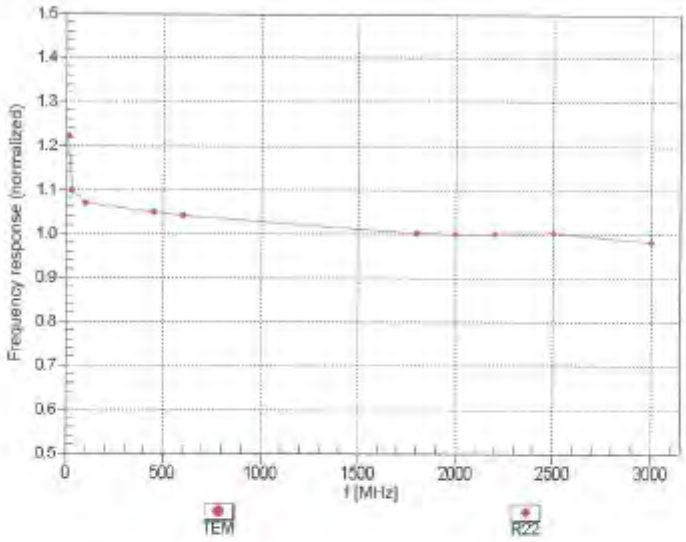
[F] At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ε and σ) is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

[G] Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

EX3DV4- SN:3770 April 25, 2018

Frequency Response of E-Field
(TEM-Cell:ifi110 EXX, Waveguide: R22)

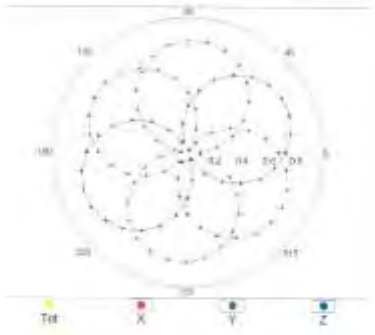


Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

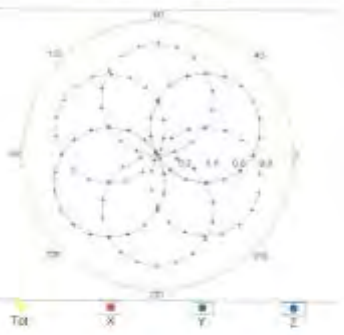
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

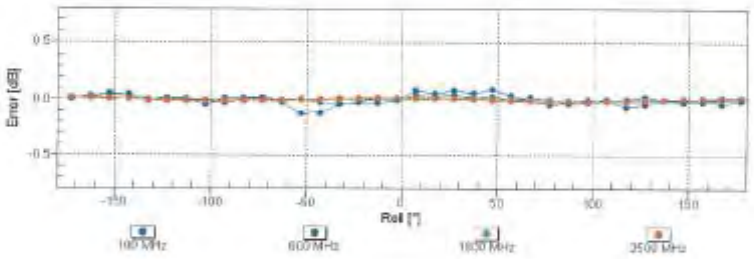
Receiving Pattern (ϕ), ϑ = 0°

f=600 MHz,TEM



f=1800 MHz,R22



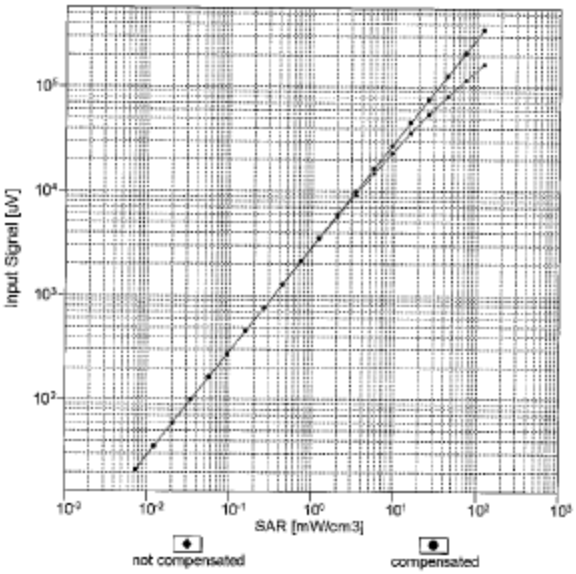


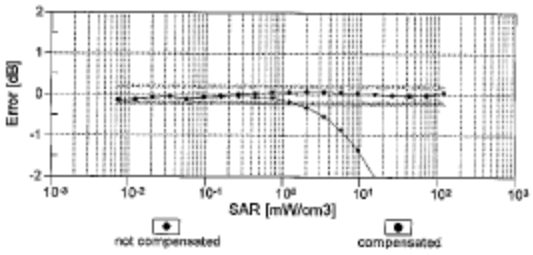
Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

EX3DV4– SN:3770 April 25, 2018

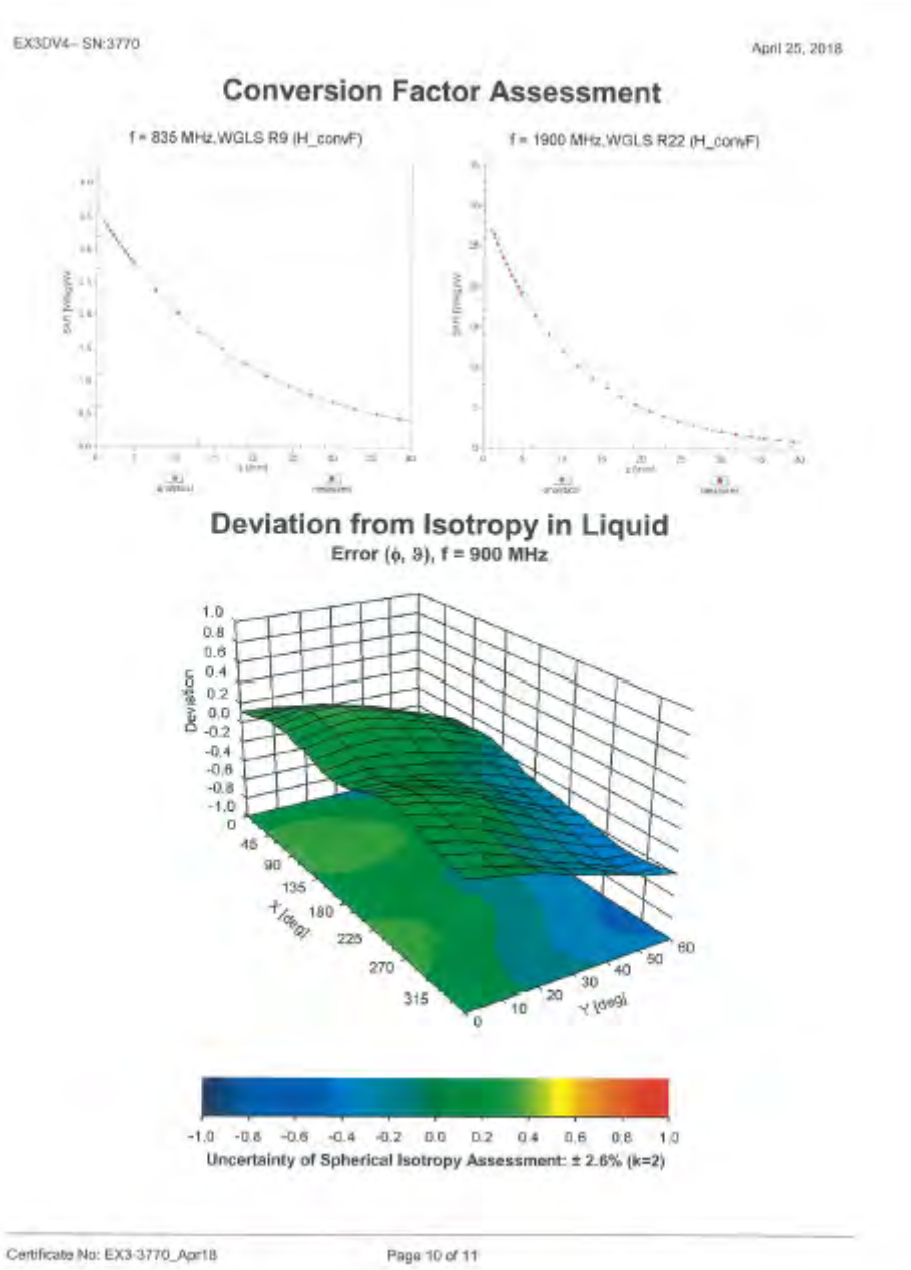
Dynamic Range f(SAR$_{head}$)
(TEM cell , f_{eval}= 1900 MHz)





Uncertainty of Linearity Assessment: ± 0.6% (k=2)

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3770

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	-32.8
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

8. 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	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%	∞
Isotropy , Axial	3.50%	R	√3	1.732	1	1	2.02%	2.02%	∞
Isotropy, Hemispherical	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	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.)	1.57%	N	1	1	0.64	0.43	1.00%	0.68%	M
Liquid Conductivity (mea.)	2.76%	N	1	1	0.6	0.49	1.66%	1.35%	M
Combined standard uncertainty		RSS					11.88%	11.80%	
Expant uncertainty (95% confidence							23.75%	23.61%	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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	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%	∞
Isotropy , Axial	3.50%	R	√3	1.732	1	1	2.02%	2.02%	∞
Isotropy, Hemispherical	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	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.)	4.11%	N	1	1	0.64	0.43	2.63%	1.77%	M
Liquid Conductivity (mea.)	3.78%	N	1	1	0.6	0.49	2.27%	1.85%	M
Combined standard uncertainty		RSS					11.93%	11.69%	
Expant uncertainty (95% confidence							23.87%	23.38%	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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. Phantom Description

Schmid & Partner Engineering AG
s p e a g
Zeughausstrasse 43, 8004 Zurich, Switzerland
Phone +41 44 245 9700, Fax +41 44 245 9779
info@speag.com, http://www.speag.com

Certificate of Conformity / First Article Inspection

Item	Oval Flat Phantom ELI 5.0
Type No	QD OVA 002 A
Series No	1108 and higher
Manufacturer	Untersee Composites Knebelstrasse 8, CH-8268 Mannenbach, Switzerland

Tests
Complete tests were made on the prototype units QD OVA 001 A, pre-series units QD OVA 001 B as well as on some series units QD OVA 001 B. Some tests are made on all series units QD OVA 002 A.

Test	Requirement	Details	Units tested
Shape	Internal dimensions, depth and sagging are compatible with standards	Bottom elliptical 600 x 400 mm, Depth 190 mm, dimension compliant with [1] for f > 375 MHz	Prototypes
Material thickness	Bottom: 2.0mm +/- 0.2mm	dimension compliant with [3] for f > 800 MHz	all
Material parameters	rel. permittivity 2 – 5, loss tangent ≤ 0.05, at f ≤ 6 GHz	rel. permittivity 3.5 +/- 0.5 loss tangent ≤ 0.05	Material samples
Material resistivity	Compatibility with tissue simulating liquids .	Compatible with SPEAG liquids. **	Phantoms, Material sample
Sagging	Sagging of the flat section in tolerance when filled with tissue simulating liquid.	within tolerance for filling height up to 155 mm	Prototypes, samples

** Note: Compatibility restrictions apply certain liquid components mentioned in the standard, containing e.g. DGBE, DGMHE or Triton X-100. Observe technical note on material compatibility.

Standards
[1] OET Bulletin 65, Supplement C, "Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields", Edition 01-01
[2] IEEE 1528-2003, "Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques, December 2003
[3] IEC 62209–1 ed1.0, "Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Human models, instrumentation, and procedures - Part 1: Procedure to determine the specific absorption rate (SAR) for hand-held devices used in close proximity to the ear (frequency range of 300 MHz to 3 GHz)", 2005-02-18
[4] IEC 62209–2 ed1.0, "Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Human models, instrumentation, and procedures - Part 2: Procedure to determine the specific absorption rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", 2010-03-30

Conformity
Based on the sample tests above, we certify that this item is in compliance with the uncertainty requirements of body-worn SAR measurements and system performance checks as specified in [1 – 4] and further standards.

Date 25.7.2011

Signature / Stamp

s p e a g
Schmid & Partner Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland
Phone +41 44 245 9700, Fax +41 44 245 9779
info@speag.com, http://www.speag.com

Doc No 881 – QD OVA 002 A - A Page 1 (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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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.System Validation from Original Equipment Supplier



Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client SGS-TW (Auden)

Certificate No: D750V3-1015_Aug18

CALIBRATION CERTIFICATE

Object D750V3 - SN:1015

Calibration procedure(s) QA CAL-05.v10
Calibration procedure for dipole validation kits above 700 MHz

Calibration date: August 23, 2018

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-18 (No. 217-02672/02673)	Apr-19
Power sensor NRP-Z91	SN: 103244	04-Apr-18 (No. 217-02672)	Apr-19
Power sensor NRP-Z91	SN: 103245	04-Apr-18 (No. 217-02673)	Apr-19
Reference 20 dB Attenuator	SN: 5058 (20k)	04-Apr-18 (No. 217-02682)	Apr-19
Type-N mismatch combination	SN: 5047.2 / 06327	04-Apr-18 (No. 217-02683)	Apr-19
Reference Probe EX3DV4	SN: 7349	30-Dec-17 (No. EX3-7349_Dec17)	Dec-18
DAE4	SN: 601	26-Oct-17 (No. DAE4-601_Oct17)	Oct-18

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter EPM-442A	SN: GB37480704	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-16)	In house check: Oct-18
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-17)	In house check: Oct-18

	Name	Function	Signature
Calibrated by:	Michael Weber	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: August 24, 2018

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Certificate No: D750V3-1015_Aug18 Page 1 of 8

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORM x,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
b) IEC 62209-1, "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY5	V52.10.1
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	15 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	750 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	41.9	0.89 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	40.9 ± 6 %	0.89 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	—	—

SAR result with Head TSL

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	2.07 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**8.23 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	1.34 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**5.34 W/kg ± 16.5 % (k=2)**

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	55.5	0.96 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	55.0 ± 6 %	0.96 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	—	—

SAR result with Body TSL

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	2.16 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**8.62 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	250 mW input power	1.43 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**5.71 W/kg ± 16.5 % (k=2)**

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	53.4 Ω + 0.0 jΩ
Return Loss	- 29.6 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	48.2 Ω - 3.6 jΩ
Return Loss	- 27.8 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.037 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
Manufactured on	March 22, 2010

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

DASY5 Validation Report for Head TSL

Date: 22.08.2018

Test Laboratory: SPEAG, Zurich, Switzerland

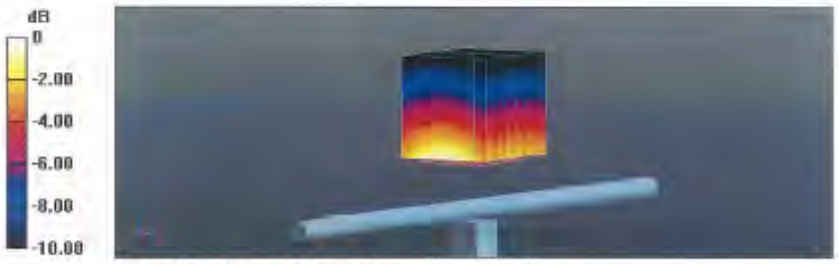
DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1015

Communication System: UID 0 - CW; Frequency: 750 MHz
Medium parameters used: f = 750 MHz; σ = 0.89 S/m; ε_r = 40.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(10.22, 10.22, 10.22) @ 750 MHz; Calibrated: 30.12.2017
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 4.9 (front); Type: QD 00L P49 AA; Serial: 1001
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

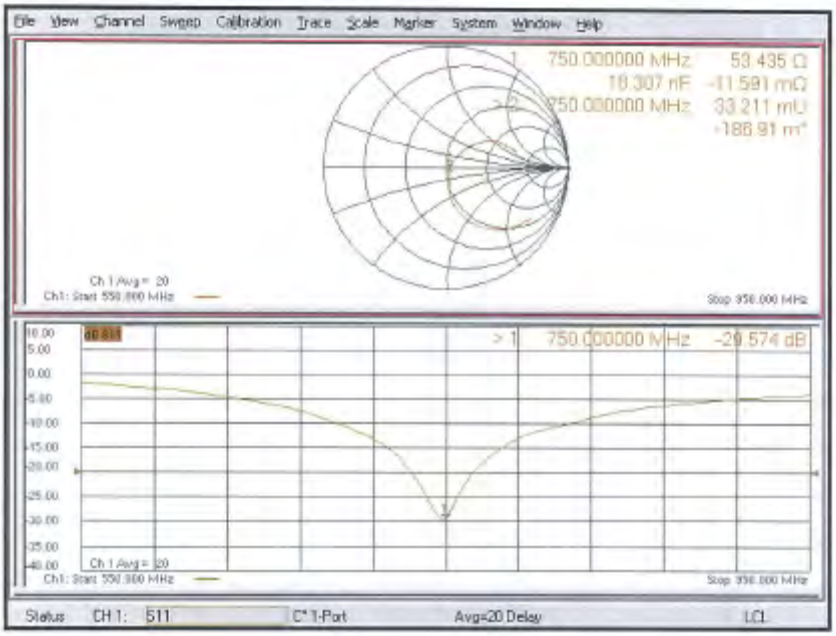
Dipole Calibration for Head Tissue/Pin=250 mW, d=15mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 59.12 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.11 W/kg
SAR(1 g) = 2.07 W/kg; SAR(10 g) = 1.34 W/kg
Maximum value of SAR (measured) = 2.77 W/kg



0 dB = 2.77 W/kg = 4.42 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Impedance Measurement Plot for Head TSL



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

DASY5 Validation Report for Body TSL

Date: 23.08.2018

Test Laboratory: SPEAG, Zurich, Switzerland

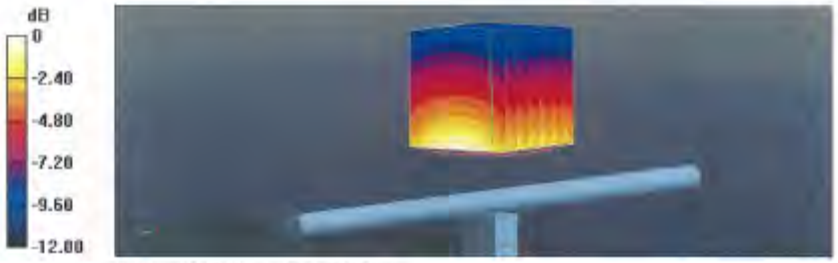
DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1015

Communication System: UID 0 - CW; Frequency: 750 MHz
Medium parameters used: f = 750 MHz; σ = 0.96 S/m; ε_r = 55; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(10.19, 10.19, 10.19) @ 750 MHz; Calibrated: 30.12.2017
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 4.9 (Back); Type: QD 00R P49 AA; Serial: 1005
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

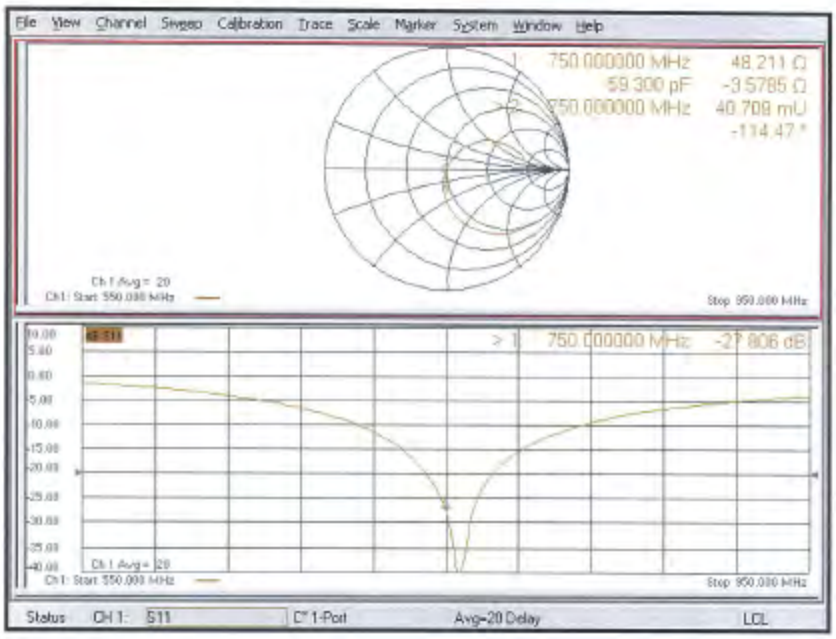
Dipole Calibration for Body Tissue/Pin=250 mW, d=15mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 57.93 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.17 W/kg
SAR(1 g) = 2.16 W/kg; SAR(10 g) = 1.43 W/kg
Maximum value of SAR (measured) = 2.85 W/kg



0 dB = 2.85 W/kg = 4.55 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Impedance Measurement Plot for Body TSL



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client SGS-TW (Auden)

Certificate No: D835V2-4d063_Aug18

CALIBRATION CERTIFICATE

Object D835V2 - SN:4d063

Calibration procedure(s) QA CAL-05.v10
Calibration procedure for dipole validation kits above 700 MHz

Calibration date: August 23, 2018

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-18 (No. 217-02672/02673)	Apr-19
Power sensor NRP-Z91	SN: 103244	04-Apr-18 (No. 217-02672)	Apr-19
Power sensor NRP-Z91	SN: 103245	04-Apr-18 (No. 217-02673)	Apr-19
Reference 20 dB Attenuator	SN: 5058 (20k)	04-Apr-18 (No. 217-02682)	Apr-19
Type-N mismatch combination	SN: 5047.2 / 06327	04-Apr-18 (No. 217-02683)	Apr-19
Reference Probe EX3DV4	SN: 7349	30-Dec-17 (No. EX3-7349_Dec17)	Dec-18
DAE4	SN: 601	26-Oct-17 (No. DAE4-601_Oct17)	Oct-18

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter EPM-442A	SN: GB37480704	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-16)	In house check: Oct-18
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-17)	In house check: Oct-18

	Name	Function	Signature
Calibrated by:	Michael Weber	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: August 24, 2018

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Certificate No: D835V2-4d063_Aug18 Page 1 of 8

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORM x,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
b) IEC 62209-1, "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY5	V52.10.1
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	15 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	835 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	41.5	0.90 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	40.7 ± 6 %	0.92 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	—	—

SAR result with Head TSL

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	2.42 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**9.48 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	1.55 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**6.10 W/kg ± 16.5 % (k=2)**

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	55.2	0.97 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	54.9 ± 6 %	0.99 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	—	—

SAR result with Body TSL

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	2.43 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**9.56 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	250 mW input power	1.59 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**6.28 W/kg ± 16.5 % (k=2)**

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	51.3 Ω - 1.8 jΩ
Return Loss	- 33.3 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	47.7 Ω - 4.4 jΩ
Return Loss	- 25.8 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.393 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
Manufactured on	November 27, 2006

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

DASY5 Validation Report for Head TSL

Date: 22.08.2018

Test Laboratory: SPEAG, Zurich, Switzerland

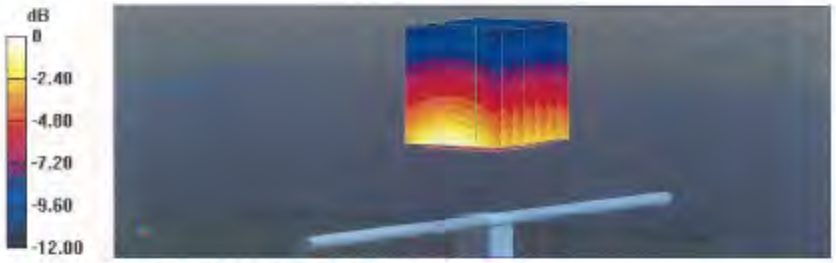
DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d063

Communication System: UID 0 - CW; Frequency: 835 MHz
Medium parameters used: f = 835 MHz; σ = 0.92 S/m; ε_r = 40.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(9.9, 9.9, 9.9) @ 835 MHz; Calibrated: 30.12.2017
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 4.9 (front); Type: QD 00L P49 AA; Serial: 1001
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

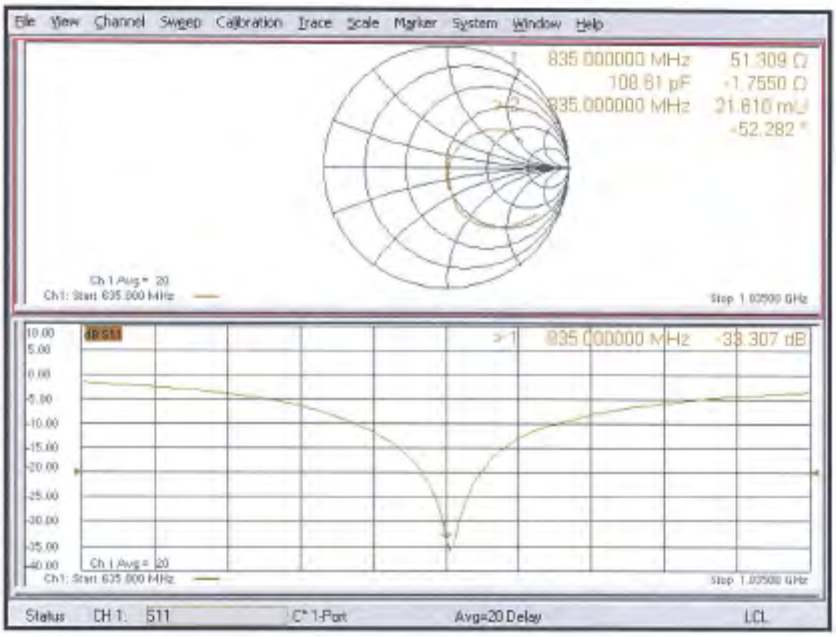
Dipole Calibration for Head Tissue/Pin=250 mW, d=15mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 62.96 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.70 W/kg
SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.55 W/kg
Maximum value of SAR (measured) = 3.25 W/kg



0 dB = 3.25 W/kg = 5.12 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Impedance Measurement Plot for Head TSL



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

DASY5 Validation Report for Body TSL

Date: 23.08.2018

Test Laboratory: SPEAG, Zurich, Switzerland

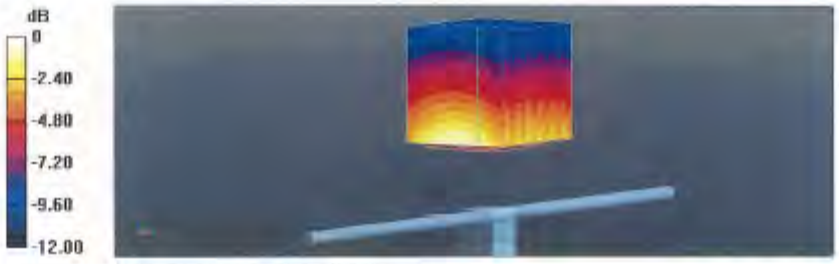
DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d063

Communication System: UID 0 - CW; Frequency: 835 MHz
Medium parameters used: f = 835 MHz; σ = 0.99 S/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(10.05, 10.05, 10.05) @ 835 MHz; Calibrated: 30.12.2017
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 4.9 (Back); Type: QD 00R P49 AA; Serial: 1005
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

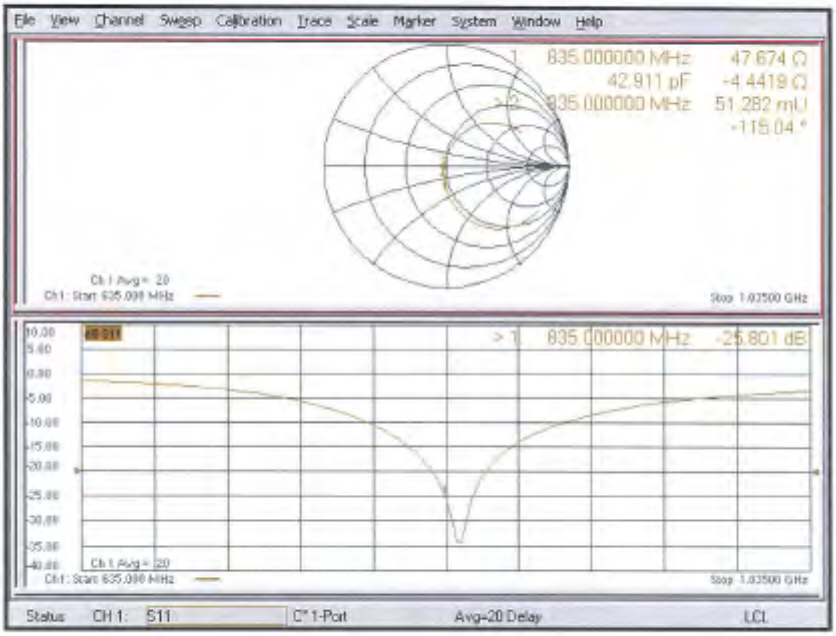
Dipole Calibration for Body Tissue/Pin=250 mW, d=15mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 60.67 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.61 W/kg
SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.59 W/kg
Maximum value of SAR (measured) = 3.23 W/kg



0 dB = 3.23 W/kg = 5.09 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Impedance Measurement Plot for Body TSL



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client SGS-TW (Auden)

Certificate No: D1750V2-1008_Aug18

CALIBRATION CERTIFICATE

Object	D1750V2 - SN:1008
Calibration procedure(s)	QA CAL-05.v10 Calibration procedure for dipole validation kits above 700 MHz
Calibration date:	August 30, 2018

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-18 (No. 217-02672/02673)	Apr-19
Power sensor NRP-Z91	SN: 103244	04-Apr-18 (No. 217-02672)	Apr-19
Power sensor NRP-Z91	SN: 103245	04-Apr-18 (No. 217-02673)	Apr-19
Reference 20 dB Attenuator	SN: 5058 (20k)	04-Apr-18 (No. 217-02682)	Apr-19
Type-N mismatch combination	SN: 5047.2 / 06327	04-Apr-18 (No. 217-02683)	Apr-19
Reference Probe EX3DV4	SN: 7349	30-Dec-17 (No. EX3-7349_Dec17)	Dec-18
DAE4	SN: 601	26-Oct-17 (No. DAE4-601_Oct17)	Oct-18

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter EPM-442A	SN: GB37480704	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-16)	In house check: Oct-18
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-17)	In house check: Oct-18

	Name	Function	Signature
Calibrated by:	Jeton Kastrati	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: August 30, 2018

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Certificate No: D1750V2-1008_Aug18 Page 1 of 8

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORM x,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
b) IEC 62209-1, "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY5	V52.10.1
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	1750 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	40.1	1.37 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	38.9 ± 6 %	1.34 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	—	—

SAR result with Head TSL

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	9.07 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**36.5 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	4.81 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**19.3 W/kg ± 16.5 % (k=2)**

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	53.4	1.49 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	53.4 ± 6 %	1.47 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	—	—

SAR result with Body TSL

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	9.18 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**37.0 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	250 mW input power	4.93 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**19.8 W/kg ± 16.5 % (k=2)**

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	52.0 Ω + 1.6 jΩ
Return Loss	- 32.2 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	46.3 Ω + 0.6 jΩ
Return Loss	- 34.7 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.207 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
Manufactured on	February 11, 2009

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

DASY5 Validation Report for Head TSL

Date: 30.08.2018

Test Laboratory: SPEAG, Zurich, Switzerland

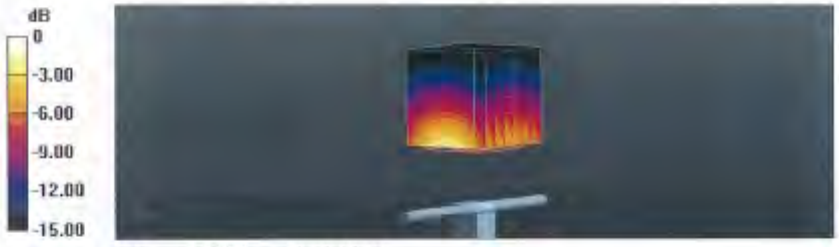
DUT: Dipole 1750 MHz; Type: D1750V2; Serial: D1750V2 - SN:1008

Communication System: UID 0 - CW; Frequency: 1750 MHz
Medium parameters used: f = 1750 MHz; σ = 1.34 S/m; ε_r = 38.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(8.5, 8.5, 8.5) @ 1750 MHz; Calibrated: 30.12.2017
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

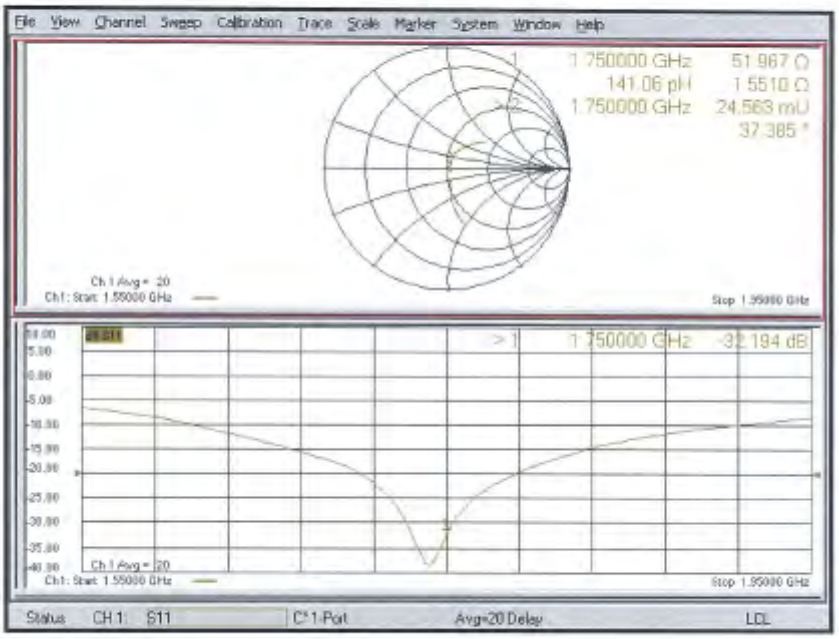
Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 107.6 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 16.3 W/kg
SAR(1 g) = 9.07 W/kg; SAR(10 g) = 4.81 W/kg
Maximum value of SAR (measured) = 13.9 W/kg



0 dB = 13.9 W/kg = 11.43 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Impedance Measurement Plot for Head TSL



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

DASY5 Validation Report for Body TSL

Date: 30.08.2018

Test Laboratory: SPEAG, Zurich, Switzerland

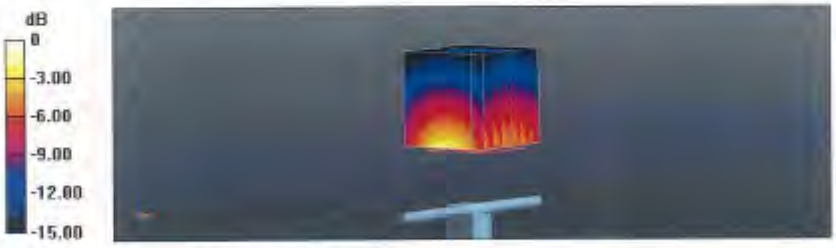
DUT: Dipole 1750 MHz; Type: D1750V2; Serial: D1750V2 - SN:1008

Communication System: UID 0 - CW; Frequency: 1750 MHz
Medium parameters used: f = 1750 MHz; σ = 1.47 S/m; ε_r = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(8.35, 8.35, 8.35) @ 1750 MHz; Calibrated: 30.12.2017
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

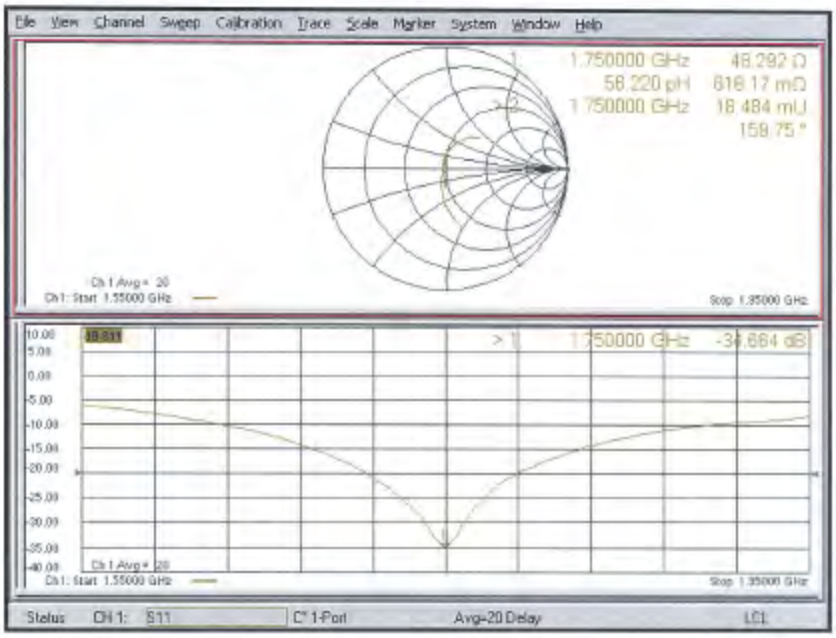
Dipole Calibration for Body Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 101.7 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 15.9 W/kg
SAR(1 g) = 9.16 W/kg; SAR(10 g) = 4.93 W/kg
Maximum value of SAR (measured) = 13.7 W/kg



0 dB = 13.7 W/kg = 11.37 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Impedance Measurement Plot for Body TSL



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client SGS-TW (Auden)

Certificate No: D1900V2-5d173_Apr18

CALIBRATION CERTIFICATE

Object	D1900V2 - SN:5d173
Calibration procedure(s)	QA CAL-05.v10 Calibration procedure for dipole validation kits above 700 MHz
Calibration date:	April 25, 2018

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-18 (No. 217-02672/02673)	Apr-19
Power sensor NRP-Z91	SN: 103244	04-Apr-18 (No. 217-02672)	Apr-19
Power sensor NRP-Z91	SN: 103245	04-Apr-18 (No. 217-02673)	Apr-19
Reference 20 dB Attenuator	SN: 5058 (20k)	04-Apr-18 (No. 217-02682)	Apr-19
Type-N mismatch combination	SN: 5047.2 / 06327	04-Apr-18 (No. 217-02683)	Apr-19
Reference Probe EX3DV4	SN: 7349	30-Dec-17 (No. EX3-7349_Dec17)	Dec-18
DAE4	SN: 601	28-Oct-17 (No. DAE4-601_Oct17)	Oct-18

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter EPM-442A	SN: GB37480704	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-16)	In house check: Oct-18
Network Analyzer HP 8753E	SN: US37390585	18-Oct-01 (in house check Oct-17)	In house check: Oct-18

	Name	Function	Signature
Calibrated by:	Claudio Leubler	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: April 25, 2018

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORM x,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
b) IEC 62209-1, "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY5	V52.10.0
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	1900 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	40.0	1.40 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	41.1 ± 6 %	1.35 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	---	---

SAR result with Head TSL

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	9.89 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**40.7 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	5.21 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**21.2 W/kg ± 16.5 % (k=2)**

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	53.3	1.52 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	55.3 ± 6 %	1.47 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	---	---

SAR result with Body TSL

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	9.93 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**40.9 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	250 mW input power	5.30 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**21.6 W/kg ± 16.5 % (k=2)**

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	51.4 Ω + 5.1 jΩ
Return Loss	- 25.6 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	47.3 Ω + 7.2 jΩ
Return Loss	- 22.1 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.195 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
Manufactured on	June 08, 2012

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

DASY5 Validation Report for Head TSL

Date: 25.04.2018

Test Laboratory: SPEAG, Zurich, Switzerland

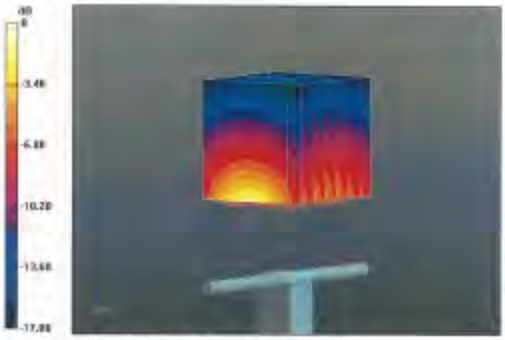
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d173

Communication System: UID 0 - CW; Frequency: 1900 MHz
Medium parameters used: f = 1900 MHz; σ = 1.35 S/m; ε_r = 41.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(8.18, 8.18, 8.18); Calibrated: 30.12.2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 110.9 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 18.3 W/kg
SAR(1 g) = 9.89 W/kg; SAR(10 g) = 5.21 W/kg
Maximum value of SAR (measured) = 15.2 W/kg

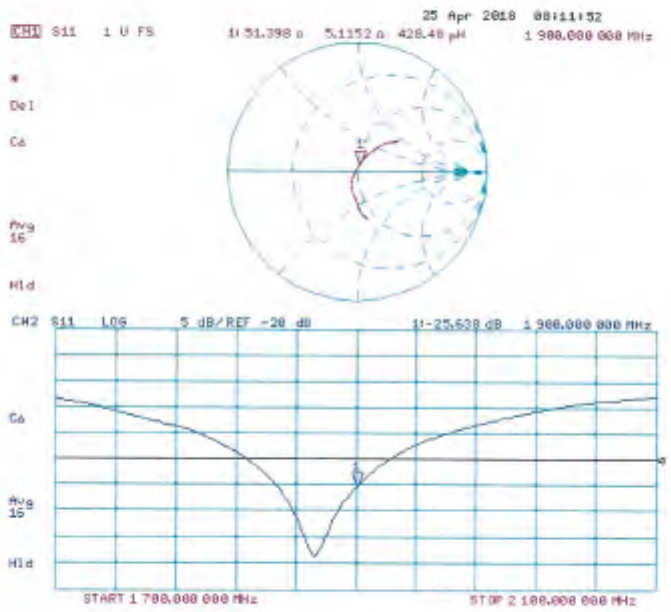


0 dB = 15.2 W/kg = 11.82 dBW/kg

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

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Impedance Measurement Plot for Head TSL



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

DASY5 Validation Report for Body TSL

Date: 25.04.2018

Test Laboratory: SPEAG, Zurich, Switzerland

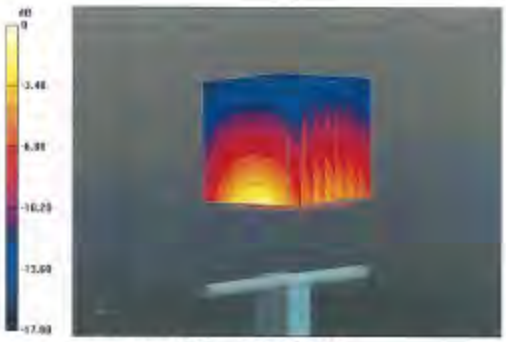
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d173

Communication System: UID 0 - CW; Frequency: 1900 MHz
Medium parameters used: f = 1900 MHz; σ = 1.47 S/m; ε_r = 55.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(8.15, 8.15, 8.15); Calibrated: 30.12.2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

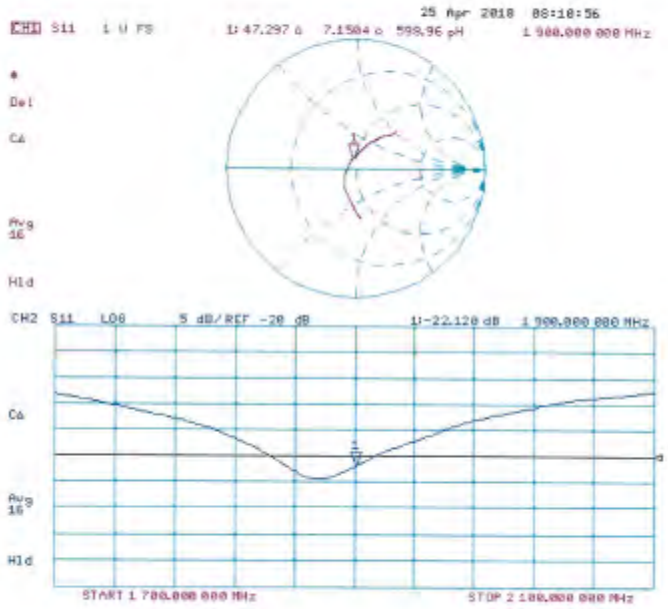
Dipole Calibration for Body Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 104.6 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 17.7 W/kg
SAR(1 g) = 9.93 W/kg; SAR(10 g) = 5.3 W/kg
Maximum value of SAR (measured) = 14.7 W/kg



0 dB = 14.7 W/kg = 11.67 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Impedance Measurement Plot for Body TSL



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group



Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client SGS-TW (Auden)

Certificate No: D2300V2-1023_Aug18

CALIBRATION CERTIFICATE

Object: D2300V2 - SN:1023

Calibration procedure(s): QA CAL-05.v10
Calibration procedure for dipole validation kits above 700 MHz

Calibration date: August 24, 2018

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-18 (No. 217-02672/02673)	Apr-19
Power sensor NRP-Z91	SN: 103244	04-Apr-18 (No. 217-02672)	Apr-19
Power sensor NRP-Z91	SN: 103245	04-Apr-18 (No. 217-02673)	Apr-19
Reference 20 dB Attenuator	SN: 5058 (20k)	04-Apr-18 (No. 217-02682)	Apr-19
Type-N mismatch combination	SN: 5047.2 / 06327	04-Apr-18 (No. 217-02683)	Apr-19
Reference Probe EX3DV4	SN: 7349	30-Dec-17 (No. EX3-7349_Dec17)	Dec-18
DAE4	SN: 601	26-Oct-17 (No. DAE4-601_Oct17)	Oct-18

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter EPM-442A	SN: GB37480704	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-16)	In house check: Oct-18
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-17)	In house check: Oct-18

	Name	Function	Signature
Calibrated by:	Mario Seitz	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: August 24, 2018

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Certificate No: D2300V2-1023_Aug18 Page 1 of 8

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORM x,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
b) IEC 62209-1, "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY5	V52.10.1
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	2300 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	39.5	1.67 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	38.2 ± 6 %	1.70 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	—	—

SAR result with Head TSL

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	12.3 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**48.4 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	5.93 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**23.5 W/kg ± 16.5 % (k=2)**

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	52.9	1.81 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	52.2 ± 6 %	1.85 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	—	—

SAR result with Body TSL

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	12.1 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**47.7 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	250 mW input power	5.86 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**23.2 W/kg ± 16.5 % (k=2)**

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	49.6 Ω - 2.1 jΩ
Return Loss	-33.5 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	45.4 Ω - 0.9 jΩ
Return Loss	- 26.1 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.171 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
Manufactured on	March 30, 2009

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

DASY5 Validation Report for Head TSL

Date: 23.08.2018

Test Laboratory: SPEAG, Zurich, Switzerland

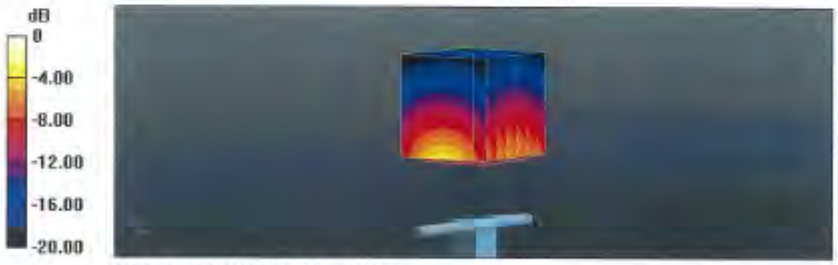
DUT: Dipole 2300 MHz; Type: D2300V2; Serial: D2300V2 - SN:1023

Communication System: UID 0 - CW; Frequency: 2300 MHz
Medium parameters used: f = 2300 MHz; σ = 1.7 S/m; ε_r = 38.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(8.08, 8.08, 8.08) @ 2300 MHz; Calibrated: 30.12.2017
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

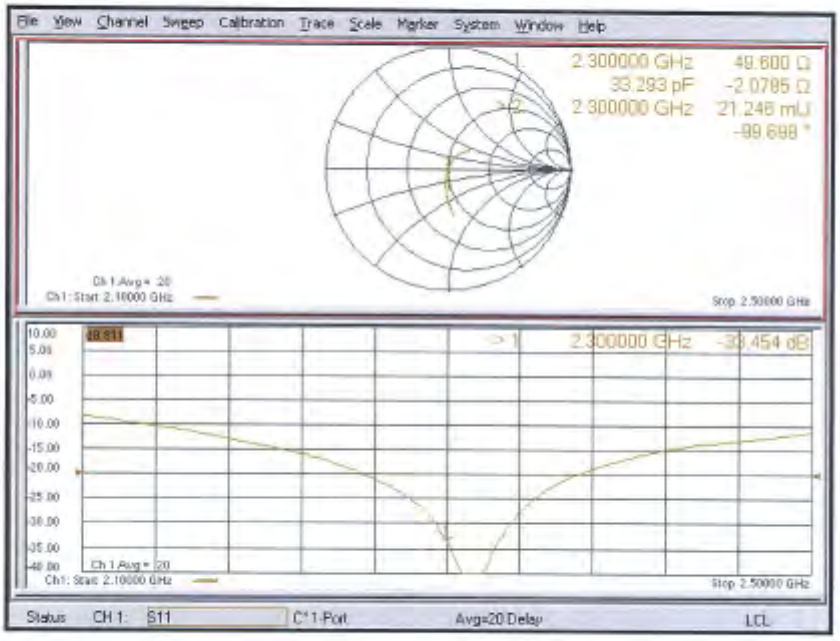
Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 114.4 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 23.7 W/kg
SAR(1 g) = 12.3 W/kg; SAR(10 g) = 5.93 W/kg
Maximum value of SAR (measured) = 19.8 W/kg



0 dB = 19.8 W/kg = 12.97 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Impedance Measurement Plot for Head TSL



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

DASY5 Validation Report for Body TSL

Date: 24.08.2018

Test Laboratory: SPEAG, Zurich, Switzerland

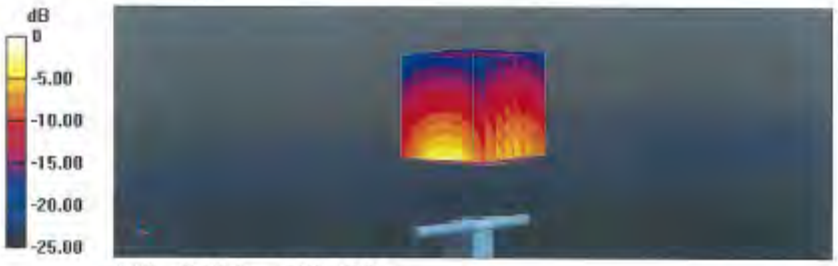
DUT: Dipole 2300 MHz; Type: D2300V2; Serial: D2300V2 - SN:1023

Communication System: UID 0 - CW; Frequency: 2300 MHz
Medium parameters used: f = 2300 MHz; σ = 1.85 S/m; ε_r = 52.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(8.08, 8.08, 8.08) @ 2300 MHz; Calibrated: 30.12.2017
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

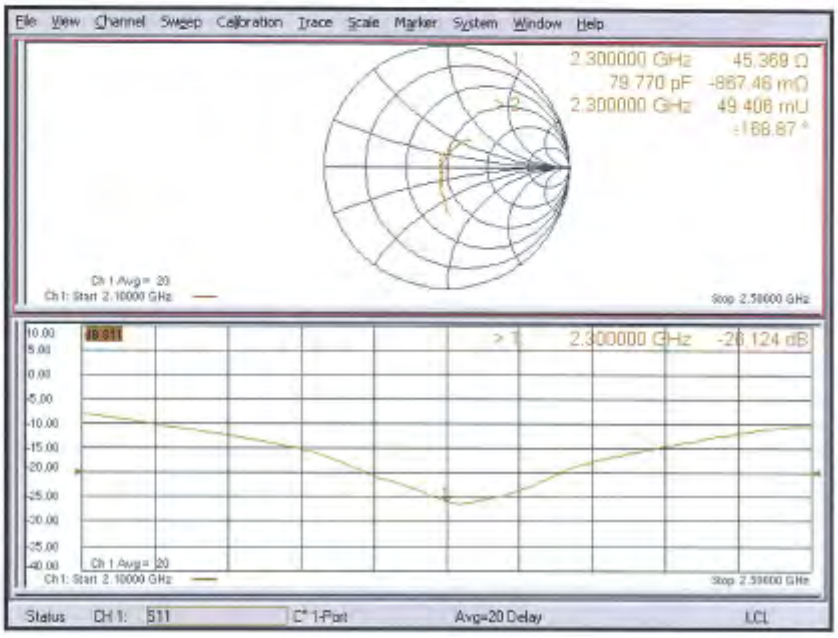
Dipole Calibration for Body Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 108.1 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 22.8 W/kg
SAR(1 g) = 12.1 W/kg; SAR(10 g) = 5.86 W/kg
Maximum value of SAR (measured) = 19.1 W/kg



0 dB = 19.1 W/kg = 12.81 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Impedance Measurement Plot for Body TSL



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client SGS-TW (Auden)

Certificate No: D2450V2-727_Apr18

CALIBRATION CERTIFICATE

Object	D2450V2 - SN:727
Calibration procedure(s)	QA CAL-05.v10 Calibration procedure for dipole validation kits above 700 MHz
Calibration date:	April 24, 2018

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-18 (No. 217-02672/02673)	Apr-19
Power sensor NRP-Z91	SN: 103244	04-Apr-18 (No. 217-02672)	Apr-19
Power sensor NRP-Z91	SN: 103245	04-Apr-18 (No. 217-02673)	Apr-19
Reference 20 dB Attenuator	SN: 5058 (20k)	04-Apr-18 (No. 217-02682)	Apr-19
Type-N mismatch combination	SN: 5047.2 / 06327	04-Apr-18 (No. 217-02683)	Apr-19
Reference Probe EX3DV4	SN: 7349	30-Dec-17 (No. EX3-7349_Dec17)	Dec-18
DAE4	SN: 601	26-Oct-17 (No. DAE4-601_Oct17)	Oct-18

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter EPM-442A	SN: GB37480704	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-16)	In house check: Oct-18
Network Analyzer HP 8753E	SN: US37390585	18-Oct-01 (in house check Oct-17)	In house check: Oct-18

	Name	Function	Signature
Calibrated by:	Jeton Kastrati	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: April 25, 2018

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORM x,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
b) IEC 62209-1, "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

a) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY5	V52.10.0
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	2450 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	39.2	1.80 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	38.3 ± 6 %	1.86 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	—	—

SAR result with Head TSL

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	13.3 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**52.1 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	8.16 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**24.3 W/kg ± 16.5 % (k=2)**

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Body TSL parameters	22.0 °C	52.7	1.95 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	52.5 ± 6 %	2.01 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	—	—

SAR result with Body TSL

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	12.9 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**50.8 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	250 mW input power	8.00 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**23.8 W/kg ± 16.5 % (k=2)**

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	55.2 Ω + 2.7 jΩ
Return Loss	- 25.1 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	51.2 Ω + 5.6 jΩ
Return Loss	- 25.0 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.149 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
Manufactured on	January 09, 2003

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

DASY5 Validation Report for Head TSL

Date: 24.04.2018

Test Laboratory: SPEAG, Zurich, Switzerland

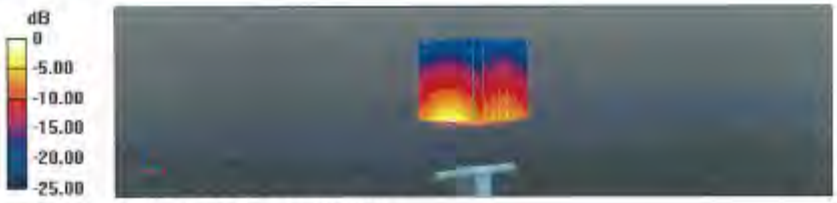
DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:727

Communication System: UID 0 - CW; Frequency: 2450 MHz
Medium parameters used: f = 2450 MHz; σ = 1.86 S/m; ε_r = 38.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(7.88, 7.88, 7.88); Calibrated: 30.12.2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

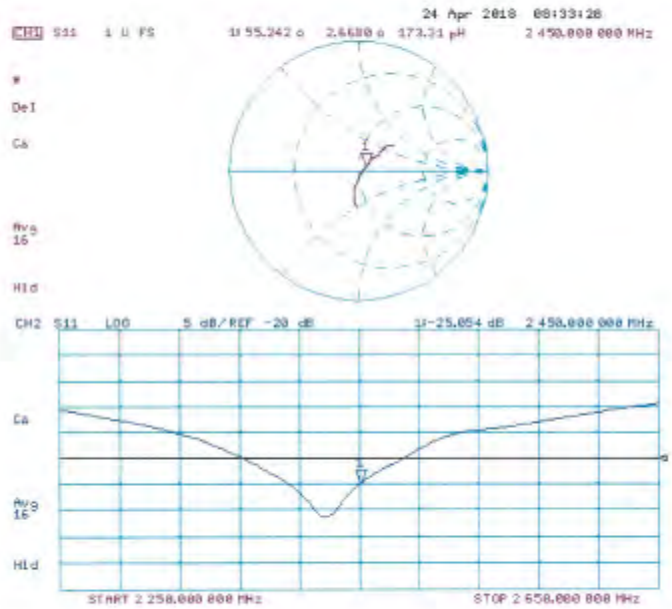
Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 116.0 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 26.7 W/kg
SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.16 W/kg
Maximum value of SAR (measured) = 22.0 W/kg



0 dB = 22.0 W/kg = 13.42 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Impedance Measurement Plot for Head TSL



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

DASY5 Validation Report for Body TSL

Date: 24.04.2018

Test Laboratory: SPEAG, Zurich, Switzerland

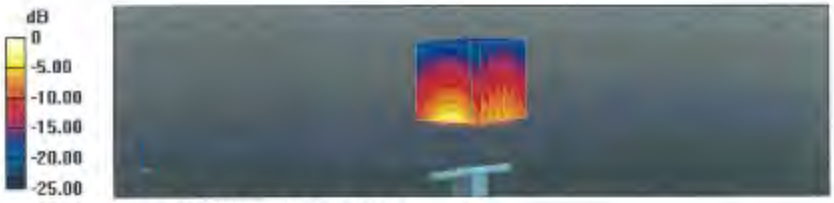
DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:727

Communication System: UID 0 - CW; Frequency: 2450 MHz
Medium parameters used: f = 2450 MHz; σ = 2.01 S/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(8.01, 8.01, 8.01); Calibrated: 30.12.2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

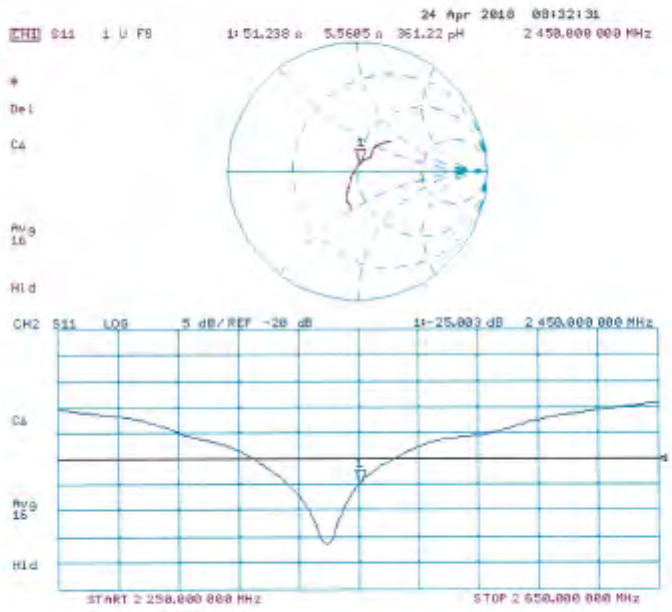
Dipole Calibration for Body Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 108.4 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 25.5 W/kg
SAR(1 g) = 12.9 W/kg; SAR(10 g) = 6 W/kg
Maximum value of SAR (measured) = 21.1 W/kg



0 dB = 21.1 W/kg = 13.24 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Impedance Measurement Plot for Body TSL



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client SGS-TW (Auden)

Certificate No: D2600V2-1005_Jan18

CALIBRATION CERTIFICATE

Object D2600V2 - SN:1005

Calibration procedure(s) QA CAL-05.v9
Calibration procedure for dipole validation kits above 700 MHz

Calibration date: January 17, 2018

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-17 (No. 217-02521/02522)	Apr-18
Power sensor NRP-Z91	SN: 103244	04-Apr-17 (No. 217-02521)	Apr-18
Power sensor NRP-Z91	SN: 103245	04-Apr-17 (No. 217-02522)	Apr-18
Reference 20 dB Attenuator	SN: 5058 (20k)	07-Apr-17 (No. 217-02528)	Apr-18
Type-N mismatch combination	SN: 5047.2 / 06327	07-Apr-17 (No. 217-02529)	Apr-18
Reference Probe EX3DV4	SN: 7349	30-Dec-17 (No. EX3-7349_Dec17)	Dec-18
DAE4	SN: 601	26-Oct-17 (No. DAE4-601_Oct17)	Oct-18

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter EPM-442A	SN: GB37480704	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-16)	In house check: Oct-18
Network Analyzer HP 8753E	SN: US37390585	18-Oct-01 (in house check Oct-17)	In house check: Oct-18

	Name	Function	Signature
Calibrated by:	Jaton Kastrati	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: January 17, 2018

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORM x,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
b) IEC 62209-1, "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY5	V52.10.0
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	2600 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	39.0	1.96 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	37.2 ± 6 %	2.04 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	----	----

SAR result with Head TSL

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	14.6 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**56.8 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	6.49 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**25.5 W/kg ± 16.5 % (k=2)**

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	52.5	2.16 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	51.1 ± 6 %	2.20 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	----	----

SAR result with Body TSL

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	13.8 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**54.4 W/kg ± 17.0 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	250 mW input power	6.13 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**24.3 W/kg ± 16.5 % (k=2)**

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	48.4 Ω - 4.7 jΩ
Return Loss	- 26.0 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	46.2 Ω - 3.0 jΩ
Return Loss	- 25.9 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.155 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
Manufactured on	December 23, 2006

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

DASY5 Validation Report for Head TSL

Date: 17.01.2018

Test Laboratory: SPEAG, Zurich, Switzerland

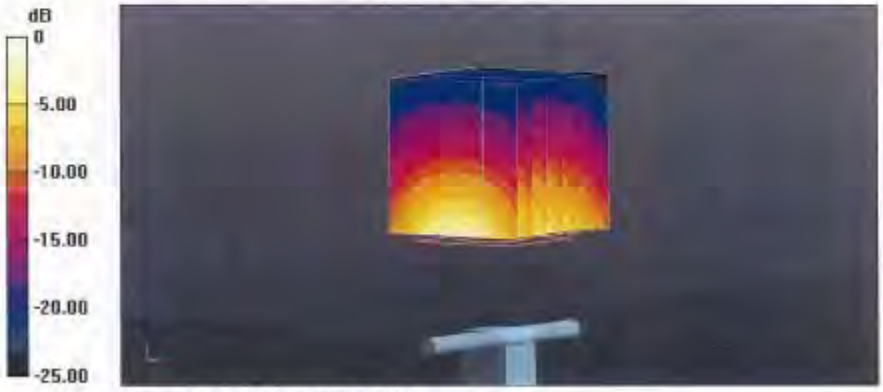
DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1005

Communication System: UID 0 - CW; Frequency: 2600 MHz
Medium parameters used: f = 2600 MHz; σ = 2.04 S/m; ε_r = 37.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(7.7, 7.7, 7.7); Calibrated: 30.12.2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

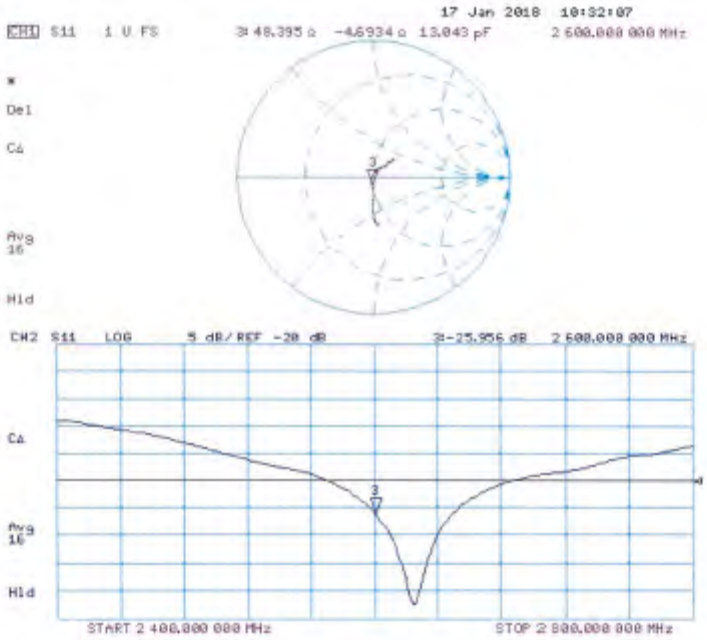
Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 118.8 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 29.8 W/kg
SAR(1 g) = 14.6 W/kg; SAR(10 g) = 6.49 W/kg
Maximum value of SAR (measured) = 24.1 W/kg



0 dB = 24.1 W/kg = 13.82 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Impedance Measurement Plot for Head TSL



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

DASY5 Validation Report for Body TSL

Date: 17.01.2018

Test Laboratory: SPEAG, Zurich, Switzerland

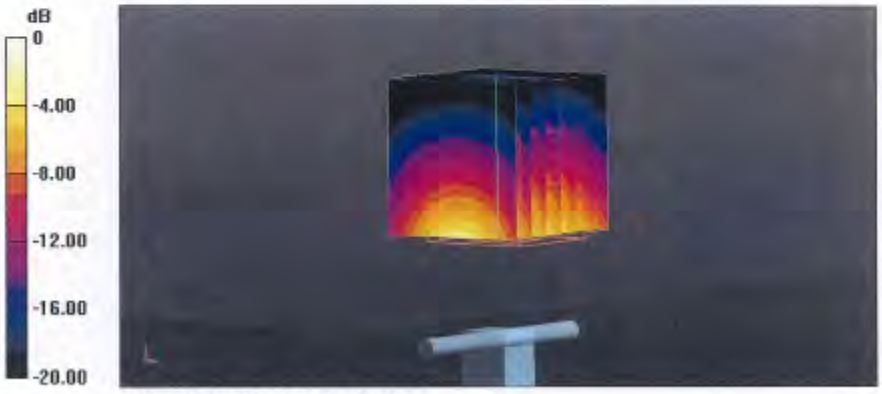
DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1005

Communication System: UID 0 - CW; Frequency: 2600 MHz
Medium parameters used: f = 2600 MHz; σ = 2.2 S/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(7.81, 7.81, 7.81); Calibrated: 30.12.2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

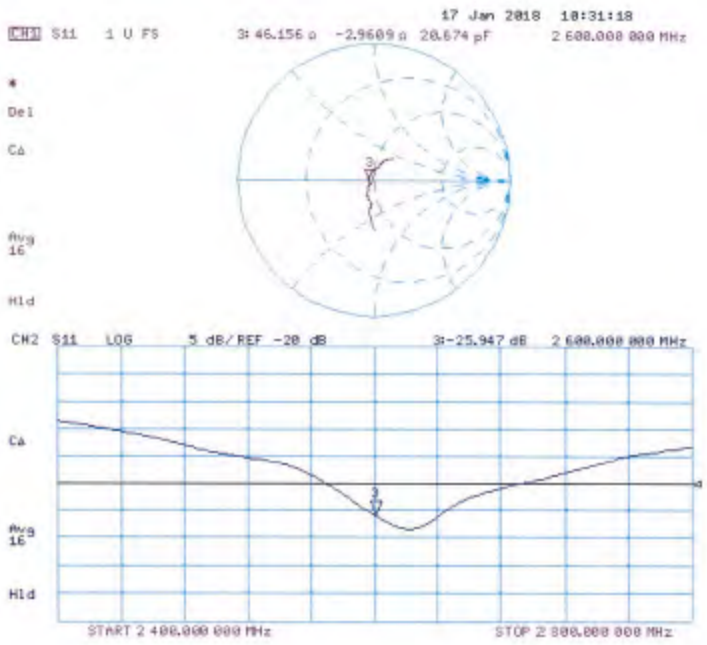
Dipole Calibration for Body Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 108.0 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 28.6 W/kg
SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.13 W/kg
Maximum value of SAR (measured) = 22.6 W/kg



0 dB = 22.6 W/kg = 13.54 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Impedance Measurement Plot for Body TSL



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client SGS-TW (Auden) Certificate No: D5GHzV2-1023_Jan18

CALIBRATION CERTIFICATE

Object D5GHzV2 - SN:1023

Calibration procedure(s) QA CAL-22.v2
Calibration procedure for dipole validation kits between 3-6 GHz

Calibration date: January 25, 2018

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-17 (No. 217-02521/02522)	Apr-18
Power sensor NRP-Z91	SN: 103244	04-Apr-17 (No. 217-02521)	Apr-18
Power sensor NRP-Z91	SN: 103245	04-Apr-17 (No. 217-02522)	Apr-18
Reference 20 dB Attenuator	SN: 5058 (20k)	07-Apr-17 (No. 217-02528)	Apr-18
Type-N mismatch combination	SN: 5047.2 / 06327	07-Apr-17 (No. 217-02529)	Apr-18
Reference Probe EX3DV4	SN: 3503	30-Dec-17 (No. EX3-3503_Dec17)	Dec-18
DAE4	SN: 601	26-Oct-17 (No. DAE4-601_Oct17)	Oct-18

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter EPM-442A	SN: GB37480704	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-16)	In house check: Oct-18
Network Analyzer HP 8753E	SN: US37390585	18-Oct-01 (in house check Oct-17)	In house check: Oct-18

	Name	Function	Signature
Calibrated by:	Jeton Kastrati	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: January 25, 2018

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'etalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORM x,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
b) IEC 62209-1, "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY5	V52.10.0
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom V5.0	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy = 4.0 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	5200 MHz ± 1 MHz 5300 MHz ± 1 MHz 5600 MHz ± 1 MHz 5800 MHz ± 1 MHz	

Head TSL parameters at 5200 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	36.0	4.66 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	36.3 ± 6 %	4.50 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	---	---

SAR result with Head TSL at 5200 MHz

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	7.72 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**77.3 W/kg ± 19.9 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.22 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**22.2 W/kg ± 19.5 % (k=2)**

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Head TSL parameters at 5300 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.9	4.76 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.2 ± 6 %	4.60 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	—	—

SAR result with Head TSL at 5300 MHz

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.09 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**80.9 W / kg ± 19.9 % (k=2)**

SAR averaged over 10 cm^3 (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.32 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**23.2 W/kg ± 19.5 % (k=2)**

Head TSL parameters at 5600 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.5	5.07 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.6 ± 6 %	4.90 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	—	—

SAR result with Head TSL at 5600 MHz

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.19 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**81.9 W/kg ± 19.9 % (k=2)**

SAR averaged over 10 cm^3 (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.34 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**23.4 W/kg ± 19.5 % (k=2)**

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Head TSL parameters at 5800 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.3	5.27 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.5 ± 6 %	5.11 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	---	---

SAR result with Head TSL at 5800 MHz

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	7.90 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**79.0 W/kg ± 19.9 % (k=2)**

SAR averaged over 10 cm^3 (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.25 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**22.5 W/kg ± 19.5 % (k=2)**

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Body TSL parameters at 5200 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	49.0	5.30 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	47.3 ± 6 %	5.41 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	—	—

SAR result with Body TSL at 5200 MHz

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	100 mW input power	7.14 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**70.5 W/kg ± 19.9 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	100 mW input power	2.00 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**19.8 W/kg ± 19.5 % (k=2)**

Body TSL parameters at 5300 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	48.9	5.42 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	47.1 ± 6 %	5.54 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	—	—

SAR result with Body TSL at 5300 MHz

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	100 mW input power	7.34 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**72.9 W/kg ± 19.9 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	100 mW input power	2.06 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**20.4 W/kg ± 19.5 % (k=2)**

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Body TSL parameters at 5600 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	48.5	5.77 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	46.6 ± 6 %	5.94 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	---	---

SAR result with Body TSL at 5600 MHz

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	100 mW input power	7.81 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**77.6 W/kg ± 19.9 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	100 mW input power	2.19 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**21.7 W/kg ± 19.5 % (k=2)**

Body TSL parameters at 5800 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	48.2	6.00 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	46.2 ± 6 %	6.22 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	---	---

SAR result with Body TSL at 5800 MHz

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	100 mW input power	7.46 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**74.1 W/kg ± 19.9 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	100 mW input power	2.07 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	**20.5 W/kg ± 19.5 % (k=2)**

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL at 5200 MHz

Impedance, transformed to feed point	50.1 Ω - 8.1 jΩ
Return Loss	- 21.9 dB

Antenna Parameters with Head TSL at 5300 MHz

Impedance, transformed to feed point	50.5 Ω - 2.3 jΩ
Return Loss	- 32.7 dB

Antenna Parameters with Head TSL at 5600 MHz

Impedance, transformed to feed point	53.9 Ω - 0.7 jΩ
Return Loss	- 28.4 dB

Antenna Parameters with Head TSL at 5800 MHz

Impedance, transformed to feed point	55.3 Ω + 2.6 jΩ
Return Loss	- 25.1 dB

Antenna Parameters with Body TSL at 5200 MHz

Impedance, transformed to feed point	49.8 Ω - 6.9 jΩ
Return Loss	- 23.2 dB

Antenna Parameters with Body TSL at 5300 MHz

Impedance, transformed to feed point	50.9 Ω - 0.9 jΩ
Return Loss	- 37.9 dB

Antenna Parameters with Body TSL at 5600 MHz

Impedance, transformed to feed point	56.0 Ω + 0.5 jΩ
Return Loss	- 24.9 dB

Antenna Parameters with Body TSL at 5800 MHz

Impedance, transformed to feed point	56.6 Ω + 2.3 jΩ
Return Loss	- 23.7 dB

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

General Antenna Parameters and Design

Electrical Delay (one direction)	1.199 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
Manufactured on	February 05, 2004

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

DASY5 Validation Report for Head TSL

Date: 25.01.2018

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1023

Communication System: UID 0 - CW; Frequency: 5200 MHz, Frequency: 5300 MHz, Frequency: 5600 MHz, Frequency: 5800 MHz
Medium parameters used: f = 5200 MHz; σ = 4.5 S/m; ε_r = 36.3; ρ = 1000 kg/m^3,
Medium parameters used: f = 5300 MHz; σ = 4.6 S/m; ε_r = 36.2; ρ = 1000 kg/m^3,
Medium parameters used: f = 5600 MHz; σ = 4.9 S/m; ε_r = 35.8; ρ = 1000 kg/m^3,
Medium parameters used: f = 5800 MHz; σ = 5.11 S/m; ε_r = 35.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN3503; ConvF(5.75, 5.75, 5.75); Calibrated: 30.12.2017, ConvF(5.5, 5.5, 5.5); Calibrated: 30.12.2017; ConvF(5.05, 5.05, 5.05); Calibrated: 30.12.2017, ConvF(4.96, 4.96, 4.96); Calibrated: 30.12.2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

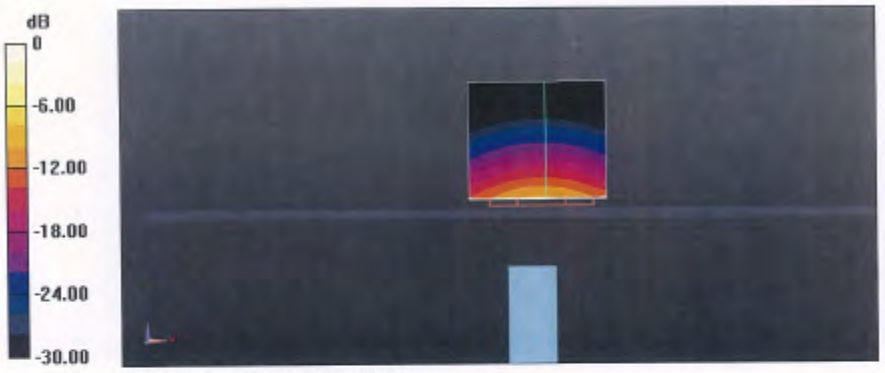
Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5200 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 70.47 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 27.5 W/kg
SAR(1 g) = 7.72 W/kg; SAR(10 g) = 2.22 W/kg
Maximum value of SAR (measured) = 17.7 W/kg

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5300 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 74.63 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 29.6 W/kg
SAR(1 g) = 8.09 W/kg; SAR(10 g) = 2.32 W/kg
Maximum value of SAR (measured) = 18.6 W/kg

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5600 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 70.79 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 31.5 W/kg
SAR(1 g) = 8.19 W/kg; SAR(10 g) = 2.34 W/kg
Maximum value of SAR (measured) = 19.6 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5800 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 69.22 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 31.2 W/kg
SAR(1 g) = 7.9 W/kg; SAR(10 g) = 2.25 W/kg
Maximum value of SAR (measured) = 19.0 W/kg

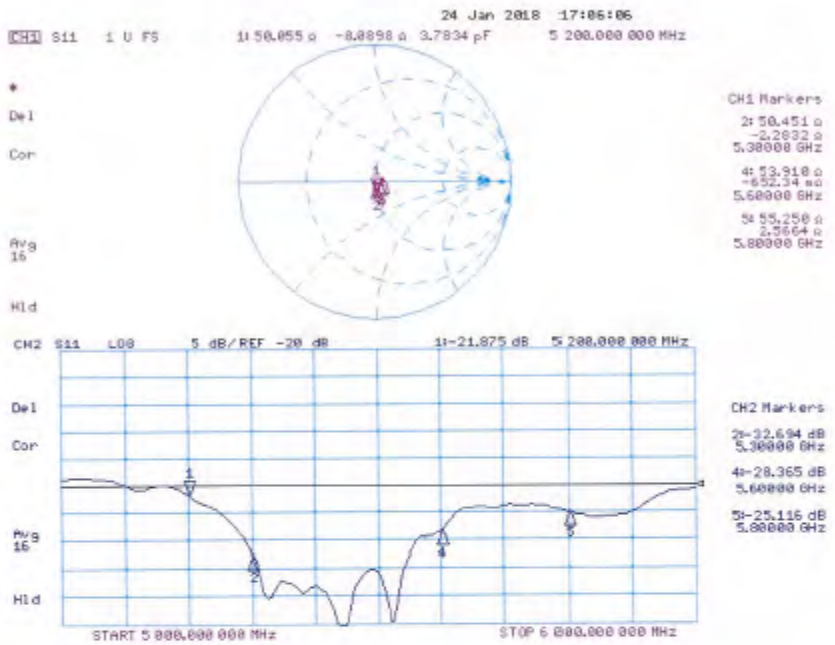


0 dB = 17.7 W/kg = 12.48 dBW/kg

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

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Impedance Measurement Plot for Head TSL



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

DASY5 Validation Report for Body TSL

Date: 23.01.2018

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1023

Communication System: UID 0 - CW; Frequency: 5200 MHz, Frequency: 5300 MHz, Frequency: 5600 MHz, Frequency: 5800 MHz
Medium parameters used: f = 5200 MHz; σ = 5.41 S/m; ε_r = 47.3; ρ = 1000 kg/m^3,
Medium parameters used: f = 5300 MHz; σ = 5.54 S/m; ε_r = 47.1; ρ = 1000 kg/m^3,
Medium parameters used: f = 5600 MHz; σ = 5.94 S/m; ε_r = 46.6; ρ = 1000 kg/m^3,
Medium parameters used: f = 5800 MHz; σ = 6.22 S/m; ε_r = 46.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN3503; ConvF(5.35, 5.35, 5.35); Calibrated: 30.12.2017; ConvF(5.15, 5.15, 5.15); Calibrated: 30.12.2017; ConvF(4.65, 4.65, 4.65); Calibrated: 30.12.2017; ConvF(4.53, 4.53, 4.53); Calibrated: 30.12.2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 26.10.2017
- Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

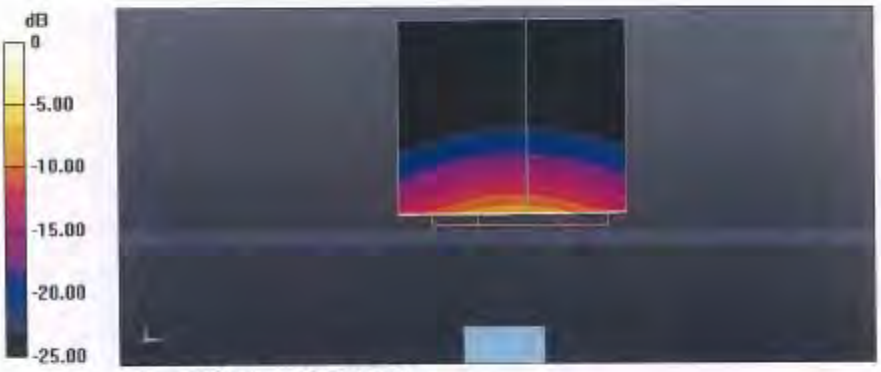
Dipole Calibration for Body Tissue/Pin=100mW, dist=10mm, f=5200 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 66.00 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 26.4 W/kg
SAR(1 g) = 7.14 W/kg; SAR(10 g) = 2 W/kg
Maximum value of SAR (measured) = 16.8 W/kg

Dipole Calibration for Body Tissue/Pin=100mW, dist=10mm, f=5300 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 65.19 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 28.4 W/kg
SAR(1 g) = 7.34 W/kg; SAR(10 g) = 2.06 W/kg
Maximum value of SAR (measured) = 17.6 W/kg

Dipole Calibration for Body Tissue/Pin=100mW, dist=10mm, f=5600 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 66.21 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 32.8 W/kg
SAR(1 g) = 7.81 W/kg; SAR(10 g) = 2.19 W/kg
Maximum value of SAR (measured) = 19.1 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 www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Dipole Calibration for Body Tissue/Pin=100mW, dist=10mm, f=5800 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 64.05 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 32.3 W/kg
SAR(1 g) = 7.46 W/kg; SAR(10 g) = 2.07 W/kg
Maximum value of SAR (measured) = 18.8 W/kg

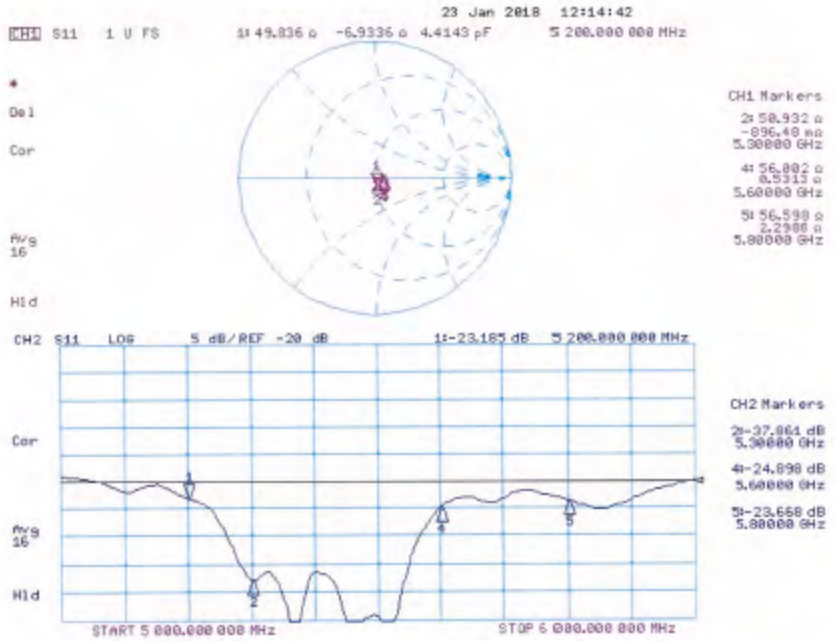


0 dB = 18.8 W/kg = 12.74 dBW/kg

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

SGS Taiwan Ltd. 台灣檢驗科技股份有限公司 | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路134號
t (886-2) 2299-3279 f (886-2) 2298-0488 www.tw.sgs.com
Member of SGS Group

Impedance Measurement Plot for Body TSL



- End of report -

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.