ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT

INTENTIONAL RADIATOR CERTIFICATION TO FCC PART 22 SUBPART H, PART 24 SUBPART E and PART 27 SUBPART D, F, H, L &M and PART 90 R, S REQUIREMENT

OF

Applicant:	HP Inc. 1501 Page Mill Road Palo Alto, CA 94304
Product Name:	Notebook Computer
Brand Name:	HP
Model No.:	HSN-I22C
Model Difference:	N/A
Report Number:	T190328W02-RP
FCC ID:	B94HNI22CPKJP
FCC Rule Part:	2 , 22H & 24E & 27D, F, H, L & M & 90 R, S
Issue Date:	May 20, 2019
Date of Test:	Mar. 29, 2019 ~ Apr. 22, 2019
Date of EUT Received:	Mar. 29, 2019
Issued by:	Compliance Certification Services Inc.Wugu Lab. No.11, Wugong 6th Rd., Wugu Dist., New Taipei City 24891, Taiwan. (R.O.C.) service@ccsrf.com

The test Result was tested by Compliance Certification Services Inc. The test data, data evaluation, test procedures, and equipment configurations shown in this report were given in ANSI C63.26: 2015 and compliance standards.
The test results of this report relate only to the tested sample (EUT) identified in this report
The test Report of full or partial shall not copy. Without written approval of Compliance Certification Services Inc. (Wugu Laboratory).

Tested By: Henry Chiang

Henry Chiang / Engineer

Approved By: Kevin Tsai

Kevin Tsai / Deputy Manager

Testing Laboratory
1309

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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	Effected Page	Issue Date	Revised By
T190328W02-RP	Rev.00	Initial creation of document	All	Apr. 29, 2019	Violetta Tang
T190328W02-RP	Rev.01	1. Update compliance standards 2. Update test setup & equipment list 3. Update power limit information	1, 12, 35~37, 41~103	May 16, 2019	Violetta Tang
T190328W02-RP	Rev.02	Update ERP values for WCDMA Band V	8, 39	May 20, 2019	Violetta Tang

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 PRODUCT INFORMATION 4
2. SYSTEM TEST CONFIGURATION 13
3. SUMMARY OF TEST RESULTS 16
4. DESCRIPTION OF TEST MODES 17
5. MEASUREMENT UNCERTAINTY 34
6. MAXMUM OUTPUT POWER 35
7. OCCUPIED BANDWIDTH MEASUREMENT 104
8. OUT OF BAND EMISSION AT ANTENNA TERMINALS 203
9. FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT 395
10. FREQUENCY STABILITY MEASUREMENT 501
11. PEAK TO AVERAGE RATIO 512

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

1.1. Product Description

General:

Product Name:	Notebook Computer	
Brand Name:	HP	
Model No.:	HSN-I22C	
Model Difference:	N/A	
Hardware Version:	N/A	
Software Version:	N/A	
Power Supply:	7.7Vdc from Rechargeable Li-polymer Battery or 19.5Vdc from AC/DC Adapter	
	Battery:	Model No.: HSTNN-IB8U, Supplier: Simplo
	Adapter:	Model No.: TPN-CA17, Supplier: Chicony
IMEI:	352279100025590	

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

1.2. WCDMA / LTE: Cellular Phone Standards Frequency Range

Operating Frequency (MHz)			
WCDMA / HSPA+ Band II	1852.4	-	1907.6
WCDMA / HSPA+ Band IV	1712.4	-	1752.6
WCDMA / HSPA+ Band V	826.4	-	846.6

LTE Band	BW (MHz)	Operation Frequency (MHz)			LTE Band	BW (MHz)	Operation Frequency (MHz)		
2	1.4	1850.7	-	1909.3	14	5	790.5	-	795.5
	3	1851.5	-	1908.5		10	793		
	5	1852.5	-	1907.5	17	5	706.5	-	713.5
	10	1855.0	-	1905.0		10	709.0	-	711.0
	15	1857.5	-	1902.5	25	1.4	1850.7	-	1914.3
	20	1860.0	-	1900.0		3	1851.5	-	1913.5
4	1.4	1710.7	-	1754.3		5	1852.5	-	1912.5
	3	1711.5	-	1753.5		10	1855.0	-	1910.0
	5	1712.5	-	1752.5		15	1857.5	-	1907.5
	10	1715.0	-	1780.0		20	1860.0	-	1905.0
	15	1717.5	-	1747.5	26	1.4	824.7	-	848.3
	20	1720.0	-	1745.0		3	825.5	-	847.5
5	1.4	824.7	-	848.3		5	826.5	-	846.5
	3	825.5	-	847.5		10	829.0	-	844.0
	5	826.5	-	846.5		15	831.5	-	841.5
	10	829.0	-	844.0	26 Part90	1.4	814.7	-	823.3
7	5	2502.5	-	2567.5		3	815.5	-	822.5
	10	2505.0	-	2565.0		5	816.5	-	821.5
	15	2507.5	-	2562.5		10	819.0		
	20	2510.0	-	2560.0	30	5	2307.5	-	2312.5
12	1.4	699.7	-	715.3		10	2310.0		
	3	700.5	-	714.5	38	5	2572.5	-	2617.5
	5	701.5	-	713.5		10	2575.0	-	2615.0
	10	704.0	-	711.0		15	2577.5	-	2612.5
13	5	779.5	-	784.5		20	2580.0	-	2610.0
	10	782							

LTE Band	BW (MHz)	Operation Frequency (MHz)			LTE Band	BW (MHz)	Operation Frequency (MHz)		
41	5	2498.5	-	2687.5	66	1.4	1710.7	-	1779.3
	10	2501.0	-	2685.0		3	1711.5	-	1778.5
	15	2503.5	-	2682.5		5	1712.5	-	1777.5
	20	2506.0	-	2680.0		10	1715.0	-	1775.0
						15	1717.5	-	1772.5
						20	1720.0	-	1770.0

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.

Antenna Designation

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.

1.3. Type of Emission & Max ERP/EIRP Power Measurement Result:

	ERP / EIRP (dBm)		(W)	Type of Emission
WCDMA Band II	25.26	EIRP	0.336	4M09F9W
HSDPA Band II	25.20	EIRP	0.331	4M09F9W
HSUPA Band II	25.18	EIRP	0.330	4M09F9W
WCDMA Band IV	23.98	EIRP	0.250	4M11F9W
HSDPA Band IV	23.94	EIRP	0.248	4M09F9W
HSUPA Band IV	23.91	EIRP	0.246	4M11F9W
WCDMA Band V	20.26	ERP	0.106	4M12F9W
HSDPA Band V	20.23	ERP	0.105	4M12F9W
HSUPA Band V	20.19	ERP	0.104	4M12F9W

LTE Band	BW (MHz)	Modulation	ERP / EIRP (dBm)		(W)	Type of Emission
2	1.4	QPSK	24.51	EIRP	0.282	1M11G7D
	1.4	16QAM	23.90	EIRP	0.245	1M11W7D
	1.4	64QAM	22.81	EIRP	0.191	1M11W7D
	3	QPSK	24.18	EIRP	0.262	2M74G7D
	3	16QAM	23.67	EIRP	0.233	2M72W7D
	3	64QAM	22.58	EIRP	0.181	2M72W7D
	5	QPSK	24.27	EIRP	0.267	4M53G7D
	5	16QAM	23.78	EIRP	0.239	4M52W7D
	5	64QAM	22.75	EIRP	0.188	4M52W7D
	10	QPSK	24.36	EIRP	0.273	9M10G7D
	10	16QAM	23.87	EIRP	0.244	9M06W7D
	10	64QAM	22.84	EIRP	0.192	9M07W7D
	15	QPSK	24.42	EIRP	0.277	13M6G7D
	15	16QAM	23.97	EIRP	0.249	13M6W7D
	15	64QAM	22.93	EIRP	0.196	13M6W7D
	20	QPSK	24.66	EIRP	0.292	18M0G7D
	20	16QAM	23.95	EIRP	0.248	18M0W7D
	20	64QAM	22.92	EIRP	0.196	18M0W7D

LTE Band	BW (MHz)	Modulation	ERP / EIRP (dBm)		(W)	Type of Emission
4	1.4	QPSK	23.43	EIRP	0.220	1M10G7D
	1.4	16QAM	22.63	EIRP	0.183	1M11W7D
	1.4	64QAM	21.62	EIRP	0.145	1M11W7D
	3	QPSK	23.17	EIRP	0.207	2M72G7D
	3	16QAM	22.34	EIRP	0.171	2M73W7D
	3	64QAM	21.26	EIRP	0.134	2M73W7D
	5	QPSK	23.34	EIRP	0.216	4M52G7D
	5	16QAM	22.51	EIRP	0.178	4M51W7D
	5	64QAM	21.48	EIRP	0.141	4M52W7D
	10	QPSK	23.36	EIRP	0.217	9M07G7D
	10	16QAM	22.55	EIRP	0.180	9M07W7D
	10	64QAM	21.54	EIRP	0.143	9M07W7D
	15	QPSK	23.45	EIRP	0.221	13M6G7D
	15	16QAM	22.71	EIRP	0.187	13M6W7D
	15	64QAM	21.62	EIRP	0.145	13M6W7D
	20	QPSK	23.72	EIRP	0.236	18M1G7D
	20	16QAM	22.73	EIRP	0.187	18M1W7D
	20	64QAM	21.70	EIRP	0.148	18M0W7D

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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	BW (MHz)	Modulation	ERP / EIRP (dBm)		(W)	Type of Emission
5	1.4	QPSK	19.59	ERP	0.091	1M11G7D
	1.4	16QAM	18.80	ERP	0.076	1M11W7D
	1.4	64QAM	17.78	ERP	0.060	1M12W7D
	3	QPSK	19.63	ERP	0.092	2M73G7D
	3	16QAM	18.97	ERP	0.079	2M72W7D
	3	64QAM	17.93	ERP	0.062	2M74W7D
	5	QPSK	19.73	ERP	0.094	4M53G7D
	5	16QAM	19.05	ERP	0.080	4M52W7D
	5	64QAM	17.97	ERP	0.063	4M55W7D
	10	QPSK	19.83	ERP	0.096	9M08G7D
	10	16QAM	19.10	ERP	0.081	9M08W7D
	10	64QAM	18.02	ERP	0.063	9M12W7D
7	5	QPSK	25.24	EIRP	0.334	4M53G7D
	5	16QAM	24.20	EIRP	0.263	4M53W7D
	5	64QAM	23.18	EIRP	0.208	4M52W7D
	10	QPSK	25.03	EIRP	0.318	9M13G7D
	10	16QAM	24.01	EIRP	0.252	9M10W7D
	10	64QAM	23.01	EIRP	0.200	9M10W7D
	15	QPSK	25.11	EIRP	0.324	13M6G7D
	15	16QAM	24.10	EIRP	0.257	13M6W7D
	15	64QAM	23.03	EIRP	0.201	13M6W7D
	20	QPSK	25.25	EIRP	0.335	18M0G7D
	20	16QAM	24.22	EIRP	0.264	18M1W7D
	20	64QAM	23.21	EIRP	0.209	18M1W7D
12	1.4	QPSK	20.35	ERP	0.108	1M11G7D
	1.4	16QAM	19.62	ERP	0.092	1M11W7D
	1.4	64QAM	18.61	ERP	0.073	1M12W7D
	3	QPSK	20.32	ERP	0.108	2M73G7D
	3	16QAM	19.56	ERP	0.090	2M73W7D
	3	64QAM	18.53	ERP	0.071	2M73W7D
	5	QPSK	20.41	ERP	0.110	4M53G7D
	5	16QAM	19.72	ERP	0.094	4M52W7D
	5	64QAM	18.71	ERP	0.074	4M53W7D
	10	QPSK	20.61	ERP	0.115	9M15G7D
	10	16QAM	19.81	ERP	0.096	9M15W7D
	10	64QAM	18.81	ERP	0.076	9M18W7D

LTE Band	BW (MHz)	Modulation	ERP / EIRP (dBm)		(W)	Type of Emission
13	5	QPSK	21.53	ERP	0.142	4M53G7D
	5	16QAM	20.85	ERP	0.122	4M52W7D
	5	64QAM	19.85	ERP	0.097	4M54W7D
	10	QPSK	21.60	ERP	0.145	9M05G7D
	10	16QAM	20.81	ERP	0.121	9M06W7D
	10	64QAM	19.72	ERP	0.094	9M06W7D
14	5	QPSK	21.64	ERP	0.146	4M53G7D
	5	16QAM	20.86	ERP	0.122	4M52W7D
	5	64QAM	19.83	ERP	0.096	4M71W7D
	10	QPSK	21.68	ERP	0.147	9M06G7D
	10	16QAM	20.80	ERP	0.120	9M05W7D
	10	64QAM	19.79	ERP	0.095	9M24W7D
17	5	QPSK	20.22	ERP	0.105	4M54G7D
	5	16QAM	19.48	ERP	0.089	4M52W7D
	5	64QAM	18.36	ERP	0.069	4M54W7D
	10	QPSK	20.26	ERP	0.106	9M01G7D
	10	16QAM	19.46	ERP	0.088	9M01W7D
	10	64QAM	18.39	ERP	0.069	9M06W7D
25	1.4	QPSK	24.44	EIRP	0.278	1M67G7D
	1.4	16QAM	23.72	EIRP	0.236	1M12W7D
	1.4	64QAM	22.52	EIRP	0.179	1M11W7D
	3	QPSK	24.43	EIRP	0.277	2M75G7D
	3	16QAM	23.67	EIRP	0.233	2M72W7D
	3	64QAM	22.57	EIRP	0.181	2M72W7D
	5	QPSK	24.48	EIRP	0.281	4M52G7D
	5	16QAM	23.82	EIRP	0.241	4M51W7D
	5	64QAM	22.52	EIRP	0.179	4M51W7D
	10	QPSK	24.52	EIRP	0.283	9M12G7D
	10	16QAM	23.73	EIRP	0.236	9M07W7D
	10	64QAM	22.56	EIRP	0.180	9M10W7D
	15	QPSK	24.30	EIRP	0.269	13M6G7D
	15	16QAM	23.61	EIRP	0.230	13M6W7D
	15	64QAM	22.55	EIRP	0.180	13M5W7D
	20	QPSK	24.26	EIRP	0.267	18M0G7D
	20	16QAM	23.60	EIRP	0.229	18M1W7D
	20	64QAM	22.60	EIRP	0.182	18M0W7D

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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	BW (MHz)	Modulation	ERP / EIRP (dBm)		(W)	Type of Emission
26	1.4	QPSK	19.69	ERP	0.093	1M11G7D
	1.4	16QAM	18.95	ERP	0.079	1M11W7D
	1.4	64QAM	17.94	ERP	0.062	1M12W7D
	3	QPSK	19.51	ERP	0.089	2M73G7D
	3	16QAM	18.68	ERP	0.074	2M73W7D
	3	64QAM	17.95	ERP	0.062	2M73W7D
	5	QPSK	19.58	ERP	0.091	4M54G7D
	5	16QAM	18.78	ERP	0.076	4M53W7D
	5	64QAM	17.92	ERP	0.062	4M54W7D
	10	QPSK	19.66	ERP	0.092	9M08G7D
	10	16QAM	18.80	ERP	0.076	9M08W7D
	10	64QAM	17.90	ERP	0.062	9M11W7D
	15	QPSK	19.71	ERP	0.094	13M6G7D
	15	16QAM	18.95	ERP	0.079	13M6W7D
	15	64QAM	17.95	ERP	0.062	13M6W7D
26 90S	1.4	QPSK	19.83	ERP	0.096	1M10G7D
	1.4	16QAM	19.11	ERP	0.081	1M11W7D
	1.4	64QAM	18.03	ERP	0.064	1M11W7D
	3	QPSK	19.73	ERP	0.094	2M72G7D
	3	16QAM	18.70	ERP	0.074	2M73W7D
	3	64QAM	17.86	ERP	0.061	2M74W7D
	5	QPSK	19.63	ERP	0.092	4M52G7D
	5	16QAM	18.89	ERP	0.077	4M52W7D
	5	64QAM	17.97	ERP	0.063	4M52W7D
	10	QPSK	19.45	ERP	0.088	9M08G7D
	10	16QAM	18.92	ERP	0.078	9M07W7D
	10	64QAM	17.83	ERP	0.061	9M09W7D
30	5	QPSK	23.30	EIRP	0.214	4M53G7D
	5	16QAM	22.36	EIRP	0.172	4M51W7D
	5	64QAM	21.28	EIRP	0.134	4M53W7D
	10	QPSK	23.35	EIRP	0.216	9M06G7D
	10	16QAM	22.35	EIRP	0.172	9M05W7D
	10	64QAM	21.35	EIRP	0.136	9M07W7D

LTE Band	BW (MHz)	Modulation	ERP / EIRP (dBm)		(W)	Type of Emission
38	5	QPSK	26.77	EIRP	0.475	4M54G7D
	5	16QAM	25.72	EIRP	0.373	4M52W7D
	5	64QAM	24.13	EIRP	0.259	4M53W7D
	10	QPSK	26.85	EIRP	0.484	9M09G7D
	10	16QAM	25.94	EIRP	0.393	9M05W7D
	10	64QAM	24.26	EIRP	0.267	9M10W7D
	15	QPSK	26.88	EIRP	0.488	13M5G7D
	15	16QAM	25.74	EIRP	0.375	13M6W7D
	15	64QAM	24.47	EIRP	0.280	13M6W7D
	20	QPSK	26.89	EIRP	0.489	18M0G7D
	20	16QAM	25.94	EIRP	0.393	18M0W7D
	20	64QAM	24.34	EIRP	0.272	18M0W7D
41	5	QPSK	27.89	EIRP	0.615	4M52G7D
	5	16QAM	25.97	EIRP	0.395	4M52W7D
	5	64QAM	24.95	EIRP	0.313	4M53W7D
	10	QPSK	27.83	EIRP	0.607	9M07G7D
	10	16QAM	25.97	EIRP	0.395	9M06W7D
	10	64QAM	25.02	EIRP	0.318	9M06W7D
	15	QPSK	27.85	EIRP	0.610	13M6G7D
	15	16QAM	25.96	EIRP	0.394	13M5W7D
	15	64QAM	24.97	EIRP	0.314	13M6W7D
	20	QPSK	27.92	EIRP	0.619	18M0G7D
	20	16QAM	25.98	EIRP	0.396	18M0W7D
	20	64QAM	25.03	EIRP	0.318	18M1W7D

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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	BW (MHz)	Modulation	ERP / EIRP (dBm)		(W)	Type of Emission
66	1.4	QPSK	23.58	EIRP	0.228	1M10G7D
	1.4	16QAM	22.71	EIRP	0.187	1M11W7D
	1.4	64QAM	21.62	EIRP	0.145	1M11W7D
	3	QPSK	23.31	EIRP	0.214	2M73G7D
	3	16QAM	22.36	EIRP	0.172	2M72W7D
	3	64QAM	21.27	EIRP	0.134	2M72W7D
	5	QPSK	23.37	EIRP	0.217	4M53G7D
	5	16QAM	22.38	EIRP	0.173	4M51W7D
	5	64QAM	21.22	EIRP	0.132	4M51W7D
	10	QPSK	23.44	EIRP	0.221	9M09G7D
	10	16QAM	22.50	EIRP	0.178	9M08W7D
	10	64QAM	21.47	EIRP	0.140	9M05W7D
	15	QPSK	23.53	EIRP	0.225	13M6G7D
	15	16QAM	22.59	EIRP	0.182	13M6W7D
	15	64QAM	21.47	EIRP	0.140	13M6W7D
	20	QPSK	23.63	EIRP	0.231	18M1G7D
	20	16QAM	22.73	EIRP	0.187	18M0W7D
	20	64QAM	21.66	EIRP	0.147	18M0W7D

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

FCC 47 CFR Part 2, 22, 24, 27, Part 90 R, S.

ANSI C63.26-2015

KDB971168 D01 Power Meas license Digital System v03r01

KDB941225 D01 SAR test for 3G devices v03r01 (SAR Measurement Procedures for 3G Devices, WCDMA / HSPA) was used for EUT and Base station setting.

TS 151 010-1 is used to set, and measure the output power.

Note: All test items have been performed and record as per the above standards.

1.5. Test Facility

Compliance Certification Services Inc. Wugu Lab. No.11, Wugong 6th Rd.,

Wugu Dist., New Taipei City 24891, Taiwan. (R.O.C.) (TAF code 1309)

FCC Designation number: TW1309

1.6. Special Accessories

No special accessories were used during testing.

1.7. Equipment Modifications

There were no modifications incorporated into the EUT.

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

2.1. EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2. EUT Exercise

The EUT (Transmitter) was operated in the continuous transmission mode employed with the simulator of the Base Station that fixates at test default channels to fix the Tx frequency which was for the purpose of the measurements.

2.3. Test Procedure

2.3.1 Conducted Measurement at Antenna Port

According to measurement procured ANSI C63.26-2015, the EUT is placed on a turn table which is 0.8 m above ground plane. A low loss of RF cable was used to connect the antenna port of EUT to measurement equipment.

2.3.2 Radiated Emissions (ERP/EIRP)

According to measurement procured ANSI C63.26-2015, The EUT is a placed on as turn table, for emission measurements below 1 GHz is 0.8 m above ground plane, for emission measurements above 1 GHz, the table height shall be 1.5 m. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both Horizontal and Vertical. In order to find out the max. emission, the relative positions of this hand-held transmitter (EUT) was rotated through three orthogonal axes and measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made “while keeping the antenna in the ‘cone of radiation’ from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response.” is still within the 3dB illumination BW of the measurement antenna according to the requirements in Section 8 and 13.

2.4. Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuation factor between EUT conducted port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly EUT RF output level.

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

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Following shows an offset computation in physical test.

	RF cable loss (dB)	Attenuation factor(dB)	offset(dB)
Low Band (Below 1GHz)	3.6	10	13.6
High Band (Above 1 GHz)	3.9	10	13.9

2.5. Final Amplifier Voltage and Current Information:

Test Mode	DC voltage (V)	DC current (mA)
WCDMA B2	7.7	681
WCDMA B4		689.4
WCDMA B5		674.2
LTE Band 2		766
LTE Band 4		775
LTE Band 5		638
LTE Band 7		594
LTE Band 12		596
LTE Band 13		621
LTE Band 14		565
LTE Band 17		551
LTE Band 25		625
LTE Band 26		637
LTE Band 26 (Part 90S)		613
LTE Band 30		813
LTE Band 38		761
LTE Band 41		778
LTE Band 66		753

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

2.6. Configuration of Tested System

Fig. 2-1 Configuration of Tested System (Fixed Channel-Conducted)

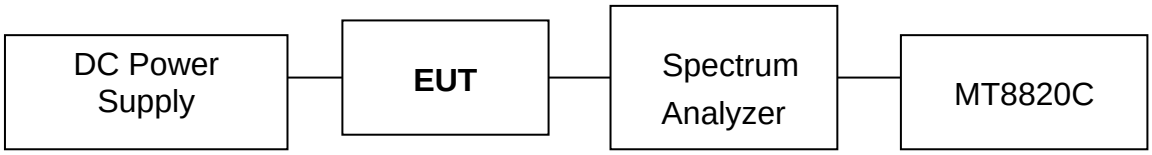


Fig. 2-2 Configuration of Tested System (Fixed Channel-Radiated)

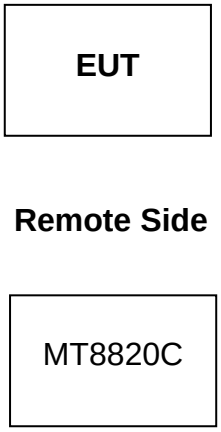


Table 2-1 Equipment Used in

Item	Equipment	Mfr/Brand	Model/ Type No.	Series No.	Data Cable	Power Cord
1.	Radio Communication Analyzer	Anritsu	MT8820C	6201465317	shielded	Un-shielded

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

FCC Rules	Description Of Test	Result
§2.1046(a)	RF Power Output	Compliant
§2.1046(a) §22.913(a)(5) §24.232(c) §27.50(a)(3) §27.50(c)(10) §27.50(d)(4) §90.542 §90.635	ERP/ EIRP measurement	Compliant
§2.1049(h)	99% & 26dB Occuupied Bandwidth	Compliant
§2.1051 §22.917(a) §24.238(a) §27.53(g) §27.50(c)(5) §27.53(h) §27.53(m)(4)(6) §90.691 §90.543	Out of Band Emissions at Antenna Terminals and Band Edge / Emission mask requirements	Compliant
§2.1053 §22.917(a) §24.238(a) §27.53(c)(2),(4) §27.50(c)(5) §27.53(f) §27.53(g) §27.53(h) §27.53(m)(4) §90.691(a)(1)(2) §90.543	Field Strength of Spurious Radiation	Compliant
§24.232(d) §27.50((B)	Peak to Average Ratio	Compliant
§2.1055(a)(1) §22.355 §24.235 §27.54 §90.213 §90.539	Frequency Stability	Compliant

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

4.1. The Worst Test Modes and Channel Details

1. The EUT has been tested under operating condition.
2. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, X(E1)Y(E2)Z(H) axis and antenna ports. The worst case was found as listed below. Following channel(s) was (were) selected for the final test as listed below:

BAND	RADIATED EMISSION
WCDMA/HSPA Band II	H-plan
WCDMA/HSPA Band IV	H-plan
WCDMA/HSPA Band V	H-plan
LTE Band 2	H-plan
LTE Band 4	H-plan
LTE Band 5	H-plan
LTE Band 7	H-plan
LTE Band 12	H-plan
LTE Band 13	H-plan
LTE Band 14	H-plan
LTE Band 17	H-plan
LTE Band 25	H-plan
LTE Band 26	H-plan
LTE Band 26 (Part 90S)	H-plan
LTE Band 30	H-plan
LTE Bnad 38	H-plan
LTE Band 41	H-plan
LTE Band 66	H-plan

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

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	MODE
ERP	4132 to 4233	4132, 4183, 4233	WCDMA/HSPA Band V
EIRP	9262 to 9538 1312 to 1513	1312, 1413, 1513 9262, 9400, 9538	WCDMA/HSPA Band II WCDMA/HSPA Band IV
FREQUENCY STABILITY	4132 to 4233 1312 to 1513 9262 to 9538	4183 1413 9400	WCDMA Band II WCDMA Band IV WCDMA Band V
OCCUPIED BANDWIDTH	4132 to 4233 1312 to 1513 9262 to 9538	4132, 4183, 4233 1312, 1413, 1513 9262, 9400, 9538	WCDMA/HSPA Band II WCDMA/HSPA Band IV WCDMA/HSPA Band V
PEAK TO AVERAGE RATIO	4132 to 4233 1312 to 1513	4132, 4183, 4233 1312, 1413, 1513	WCDMA/HSPA Band II WCDMA/HSPA Band IV
BAND EDGE	4132 to 4233 1312 to 1513 9262 to 9538	4132, 4233 1312, 1513 9262, 9538	WCDMA Band II WCDMA Band IV WCDMA Band V
CONDCUDETED EMISSION	4132 to 4233 1312 to 1513 9262 to 9538	4132, 4183, 4233 1312, 1413, 1513 9262, 9400, 9538	WCDMA Band II WCDMA Band IV WCDMA Band V
RADIATED EMISSION	4132 to 4233 1312 to 1513 9262 to 9538	4132, 4183, 4233 1312, 1413, 1513 9262, 9400, 9538	WCDMA Band II WCDMA Band IV WCDMA Band 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.

LTE Band 2 MODE

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
EIRP	18607 to 19193	18607, 18900, 19193	1.4MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,5 RB Offest
	18615 to 19185	18615, 18900, 19185	3MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,14 RB Offest
	18625 to 19175	18625, 18900, 19175	5MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,24 RB Offest
	18650 to 19150	18650, 18900, 19150	10MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,49 RB Offest
	18675 to 19125	18675, 18900, 19125	15MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,74 RB Offest
	18700 to 19100	18700, 18900, 19100	20MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,99 RB Offest
FREQUENCY STABILITY	18650 to 19150	18900	10MHz	QPSK	Full RB
OCCUPIED BANDWIDTH	18607 to 19193	18607, 18900, 19193	1.4MHz	QPSK, 16QAM, 64QAM	Full RB
	18615 to 19185	18615, 18900, 19185	3MHz	QPSK, 16QAM, 64QAM	Full RB
	18625 to 19175	18625, 18900, 19175	5MHz	QPSK, 16QAM, 64QAM	Full RB
	18650 to 19150	18650, 18900, 19150	10MHz	QPSK, 16QAM, 64QAM	Full RB
	18675 to 19125	18675, 18900, 19125	15MHz	QPSK, 16QAM, 64QAM	Full RB
	18700 to 19100	18700, 18900, 19100	20MHz	QPSK, 16QAM, 64QAM	Full RB
PEAK TO AVER-AGE RATIO	18607 to 19193	18607, 18900, 19193	1.4MHz	64QAM	Full RB
	18615 to 19185	18615, 18900, 19185	3MHz	64QAM	Full RB
	18625 to 19175	18625, 18900, 19175	5MHz	64QAM	Full RB
	18650 to 19150	18650, 18900, 19150	10MHz	64QAM	Full RB
	18675 to 19125	18675, 18900, 19125	15MHz	64QAM	Full RB
	18700 to 19100	18700, 18900, 19100	20MHz	64QAM	Full RB
BAND EDGE	18607 to 19193	18607, 19193	1.4MHz	QPSK	1 RB/ 0,5 RB Offes Full RB
	18615 to 19185	18615, 19185	3MHz	QPSK	1 RB/ 0,14 RB Offest Full RB
	18625 to 19175	18625, 19175	5MHz	QPSK	1 RB/ 0,24 RB Offest Full RB
	18650 to 19150	18650, 19150	10MHz	QPSK	1 RB/ 0,49 RB Offest Full RB
	18675 to 19125	18675, 19125	15MHz	QPSK	1 RB/ 0,74 RB Offest Full RB
	18700 to 19100	18700, 19100	20MHz	QPSK	1 RB/ 0,99 RB Offest Full RB
CONDCUDETED EMISSION	18607 to 19193	18607, 18900, 19193	1.4MHz	QPSK	1 RB, 0 RB Offest
	18615 to 19185	18615, 18900, 19185	3MHz	QPSK	1 RB, 0 RB Offest
	18625 to 19175	18625, 18900, 19175	5MHz	QPSK	1 RB, 0 RB Offest
	18650 to 19150	18650, 18900, 19150	10MHz	QPSK	1 RB, 0 RB Offest
	18675 to 19125	18675, 18900, 19125	15MHz	QPSK	1 RB, 0 RB Offest
	18700 to 19100	18700, 18900, 19100	20MHz	QPSK	1 RB, 0 RB Offest
RADIATED EMISSION	18700 to 19100	18700, 18900, 19100	20MHz	QPSK	1 RB, 1,0 RB Offest

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

LTE Band 4 MODE

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
EIRP	19957 to 19393	19957, 20175, 19393	1.4MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,5 RB Offest
	19965 to 22385	19965, 20175, 22385	3MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,14 RB Offest
	19975 to 20375	19975, 20175, 20375	5MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,24 RB Offest
	20000 to 20350	20000, 20175, 20350	10MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,49 RB Offest
	20025 to 20325	20025, 20175, 20325	15MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,74 RB Offest
	20050 to 20300	20050, 20175, 20300	20MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,99 RB Offest
FREQUENCY STABILITY	20000 to 20350	20175	10MHz	QPSK	Full RB
OCCUPIED BANDWIDTH	19957 to 19393	19957, 20175, 19393	1.4MHz	QPSK, 16QAM, 64QAM	Full RB
	19965 to 22385	19965, 20175, 22385	3MHz	QPSK, 16QAM, 64QAM	Full RB
	19975 to 20375	19975, 20175, 20375	5MHz	QPSK, 16QAM, 64QAM	Full RB
	20000 to 20350	20000, 20175, 20350	10MHz	QPSK, 16QAM, 64QAM	Full RB
	20025 to 20325	20025, 20175, 20325	15MHz	QPSK, 16QAM, 64QAM	Full RB
	20050 to 20300	20050, 20175, 20300	20MHz	QPSK, 16QAM, 64QAM	Full RB
PEAK TO AVER-AGE RATIO	19957 to 19393	19957, 20175, 19393	1.4MHz	64QAM	Full RB
	19965 to 22385	19965, 20175, 22385	3MHz	64QAM	Full RB
	19975 to 20375	19975, 20175, 20375	5MHz	64QAM	Full RB
	20000 to 20350	20000, 20175, 20350	10MHz	64QAM	Full RB
	20025 to 20325	20025, 20175, 20325	15MHz	64QAM	Full RB
	20050 to 20300	20050, 20175, 20300	20MHz	64QAM	Full RB
BAND EDGE	19957 to 19393	19957, 19393	1.4MHz	QPSK	1 RB/ 0,5 RB Offes Full RB
	19965 to 22385	19965, 22385	3MHz	QPSK	1 RB/ 0,14 RB Offest Full RB
	19975 to 20375	19975, 20375	5MHz	QPSK	1 RB/ 0,24 RB Offest Full RB
	20000 to 20350	20000, 20350	10MHz	QPSK	1 RB/ 0,49 RB Offest Full RB
	20025 to 20325	20025, 20325	15MHz	QPSK	1 RB/ 0,74 RB Offest Full RB
	20050 to 20300	20050, 20300	20MHz	QPSK	1 RB/ 0,99 RB Offest Full RB
CONDCUDETED EMISSION	19957 to 19393	19957, 20175, 19393	1.4MHz	QPSK	1 RB, 0 RB Offest
	19965 to 22385	19965, 20175, 22385	3MHz	QPSK	1 RB, 0 RB Offest
	19975 to 20375	19975, 20175, 20375	5MHz	QPSK	1 RB, 0 RB Offest
	20000 to 20350	20000, 20175, 20350	10MHz	QPSK	1 RB, 0 RB Offest
	20025 to 20325	20025, 20175, 20325	15MHz	QPSK	1 RB, 0 RB Offest
	20050 to 20300	20050, 20175, 20300	20MHz	QPSK	1 RB, 0 RB Offest
RADIATED EMISSION	20050 to 20300	20050, 20175, 20300	20MHz	QPSK	1 RB, 0 RB Offest

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

LTE Band 5 MODE

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
ERP	20470 to 20643	20470, 20525, 20643	1.4MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,5 RB Offest
	20415 to 20635	20415, 20525, 20635	3MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,14 RB Offest
	20425 to 20625	20425, 20525, 20625	5MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,24 RB Offest
	20450 to 20600	20450, 20525, 20600	10MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,49 RB Offest
FREQUENCY STABILITY	20450 to 20600	20525	10MHz	QPSK	Full RB
OCCUPIED BANDWIDTH	20470 to 20643	20470, 20525, 20643	1.4MHz	QPSK, 16QAM, 64QAM	Full RB
	20415 to 20635	20415, 20525, 20635	3MHz	QPSK, 16QAM, 64QAM	Full RB
	20425 to 20625	20425, 20525, 20625	5MHz	QPSK, 16QAM, 64QAM	Full RB
	20450 to 20600	20450, 20525, 20600	10MHz	QPSK, 16QAM, 64QAM	Full RB
BAND EDGE	20470 to 20643	20470, 20643	1.4MHz	QPSK	1 RB/ 0,5 RB Offes Full RB
	20415 to 20635	20415, 20635	3MHz	QPSK	1 RB/ 0,14 RB Offest Full RB
	20425 to 20625	20425, 20625	5MHz	QPSK	1 RB/ 0,24 RB Offest Full RB
	20450 to 20600	20450, 20600	10MHz	QPSK	1 RB/ 0,49 RB Offest Full RB
CONDCUDETED EMISSION	20470 to 20643	20470, 20525, 20643	1.4MHz	QPSK	1 RB, 0 RB Offest
	20415 to 20635	20415, 20525, 20635	3MHz	QPSK	1 RB, 0 RB Offest
	20425 to 20625	20425, 20525, 20625	5MHz	QPSK	1 RB, 0 RB Offest
	20450 to 20600	20450, 20525, 20600	10MHz	QPSK	1 RB, 0 RB Offest
RADIATED EMISSION	20450 to 20600	20450, 20525, 20600	10MHz	QPSK	1 RB, 0 RB Offest

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

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
EIRP	20775 to 21425	20775, 21100, 21425	5MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,24 RB Offest
	20800 to 21400	20800, 21100, 21400	10MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,49 RB Offest
	20850 to 21375	20850, 21100, 21375	15MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,74 RB Offest
	20850 to 21350	20850, 21100, 21350	20MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,99 RB Offest
FREQUENCY STABILITY	20800 to 21400	21100	10MHz	QPSK	Full RB
OCCUPIED BANDWIDTH	20775 to 21425	20775, 21100, 21425	5MHz	QPSK, 16QAM, 64QAM	Full RB
	20800 to 21400	20800, 21100, 21400	10MHz	QPSK, 16QAM, 64QAM	Full RB
	20850 to 21375	20850, 21100, 21375	15MHz	QPSK, 16QAM, 64QAM	Full RB
	20850 to 21350	20850, 21100, 21350	20MHz	QPSK, 16QAM, 64QAM	Full RB
PEAK TO AVER-AGE RATIO	20775 to 21425	20775, 21100, 21425	5MHz	64QAM	Full RB
	20800 to 21400	20800, 21100, 21400	10MHz	64QAM	Full RB
	20850 to 21375	20850, 21100, 21375	15MHz	64QAM	Full RB
	20850 to 21350	20850, 21100, 21350	20MHz	64QAM	Full RB
BAND EDGE	20775 to 21425	20775, 21100, 21425	5MHz	QPSK	1 RB/ 0,24 RB Offest Full RB
	20800 to 21400	20800, 21100, 21400	10MHz	QPSK	1 RB/ 0,49 RB Offest Full RB
	20850 to 21375	20850, 21100, 21375	15MHz	QPSK	1 RB/ 0,74 RB Offest Full RB
	20850 to 21350	20850, 21100, 21350	20MHz	QPSK	1 RB/ 0,99 RB Offest Full RB
CONDUCTED EMISSION	20775 to 21425	20775, 21100, 21425	5MHz	QPSK	1 RB, 0 RB Offest
	20800 to 21400	20800, 21100, 21400	10MHz	QPSK	1 RB, 0 RB Offest
	20850 to 21375	20850, 21100, 21375	15MHz	QPSK	1 RB, 0 RB Offest
	20850 to 21350	20850, 21100, 21350	20MHz	QPSK	1 RB, 0 RB Offest
RADIATED EMISSION	20850 to 21350	20850, 21100, 21350	20MHz	QPSK	1 RB, 0 RB Offest
EMISSION MASK	20775 to 21425	20775, 21100, 21425	5MHz	QPSK	1 RB/ 0,24 RB Offest 25 RB/ 0 Offset
	20800 to 21400	20800, 21100, 21400	10MHz	QPSK	1 RB/ 0,49 RB Offest 50 RB/ 0 Offset
	20850 to 21375	20850, 21100, 21375	15MHz	QPSK	1 RB/ 0,74 RB Offest 75 RB/ 0 Offset
	20850 to 21350	20850, 21100, 21350	20MHz	QPSK	1 RB/ 0,99 RB Offest 100 RB/ 0 Offset

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

LTE Band 12 MODE

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
ERP	23017 to 23173	23017, 23095, 23173	1.4MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,5 RB Offest
	23025 to 23165	23025, 23095, 23165	3MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,14 RB Offest
	23035 to 23155	23035, 23095, 23155	5MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,24 RB Offest
	23060 to 23130	23060, 23095, 23130	10MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,49 RB Offest
FREQUENCY STABILITY	23060 to 23130	23095	10MHz	QPSK	Full RB
OCCUPIED BANDWIDTH	23017 to 23173	23017, 23095, 23173	1.4MHz	QPSK, 16QAM, 64QAM	Full RB
	23025 to 23165	23025, 23095, 23165	3MHz	QPSK, 16QAM, 64QAM	Full RB
	23035 to 23155	23035, 23095, 23155	5MHz	QPSK, 16QAM, 64QAM	Full RB
	23060 to 23130	23060, 23095, 23130	10MHz	QPSK, 16QAM, 64QAM	Full RB
PEAK TO AV-ERAGE RATIO	23017 to 23173	23017, 23095, 23173	1.4MHz	64QAM	Full RB
	23025 to 23165	23025, 23095, 23165	3MHz	64QAM	Full RB
	23035 to 23155	23035, 23095, 23155	5MHz	64QAM	Full RB
	23060 to 23130	23060, 23095, 23130	10MHz	64QAM	Full RB
BAND EDGE	23017 to 23173	23017, 23095, 23173	1.4MHz	QPSK	1 RB/ 0,5 RB Offes Full RB
	23025 to 23165	23025, 23095, 23165	3MHz	QPSK	1 RB/ 0,14 RB Offest Full RB
	23035 to 23155	23035, 23095, 23155	5MHz	QPSK	1 RB/ 0,24 RB Offest Full RB
	23060 to 23130	23060, 23095, 23130	10MHz	QPSK	1 RB/ 0,49 RB Offest Full RB
CONDCU-DETED EMIS-SION	23017 to 23173	23017, 23095, 23173	1.4MHz	QPSK	1 RB, 0 RB Offest
	23025 to 23165	23025, 23095, 23165	3MHz	QPSK	1 RB, 0 RB Offest
	23035 to 23155	23035, 23095, 23155	5MHz	QPSK	1 RB, 0 RB Offest
	23060 to 23130	23060, 23095, 23130	10MHz	QPSK	1 RB, 0 RB Offest
RADIATED EMISSION	23060 to 23130	23060, 23095, 23130	10MHz	QPSK	1 RB, 0 RB Offest

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

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
ERP	23205 to 23255	23205, 23230, 23255	5MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,24 RB Offest
	23230	23230	10MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,49 RB Offest
FREQUENCY STABILITY	23230	23230	10MHz	QPSK	Full RB
OCCUPIED BANDWIDTH	23205 to 23255	23205, 23230, 23255	5MHz	QPSK, 16QAM, 64QAM	Full RB
	23230	23230	10MHz	QPSK, 16QAM, 64QAM	Full RB
PEAK TO AV-ERAGE RATIO	23205 to 23255	23205, 23230, 23255	5MHz	64QAM	Full RB
	23230	23230	10MHz	64QAM	Full RB
BAND EDGE	23205 to 23255	23205, 23255	5MHz	QPSK	1 RB/ 0,24 RB Offest Full RB
	23230	23230	10MHz	QPSK	1 RB/ 0,49 RB Offest Full RB
CONDCU-DETED EMIS-SION	23205 to 23255	23205, 23230, 23255	5MHz	QPSK	1 RB, 0 RB Offest
	23230	23230	10MHz	QPSK	1 RB, 0 RB Offest
RADIATED EMISSION	23230	23230	10MHz	QPSK	1 RB/ 49 RB Offest

LTE Band 14 MODE

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
ERP	23305 to 23355	23305,23330,23355	5MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,24 RB Offest
	23330	23330	10MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,49 RB Offest
FREQUENCY STABILITY	23330	23330	10MHz	QPSK	Full RB
OCCUPIED BANDWIDTH	23305 to 23355	23305,23330,23355	5MHz	QPSK, 16QAM, 64QAM	Full RB
	23330	23330	10MHz	QPSK, 16QAM, 64QAM	Full RB
BAND EDGE	23305 to 23355	23305, 23355	5MHz	QPSK	1 RB/ 0,24 RB Offest Full RB
	23330	23330	10MHz	QPSK	1 RB/ 0,49 RB Offest Full RB
CONDCU-DETED EMIS-SION	23305 to 23355	23305,23330,23355	5MHz	QPSK	1 RB, 0 RB Offest
	23330	23330	10MHz	QPSK	1 RB, 0 RB Offest
RADIATED EMISSION	23330	23330	10MHz	QPSK	1 RB/ 49 RB Offest

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

LTE Band 17 MODE

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
ERP	23755 to 23825	23755, 23790, 23825	5MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,24 RB Offest
	23780 to 23800	23780, 23790, 23800	10MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,49 RB Offest
FREQUENCY STABILITY	23780 to 23800	23790	10MHz	QPSK	Full RB
OCCUPIED BANDWIDTH	23755 to 23825	23755, 23790, 23825	5MHz	QPSK, 16QAM, 64QAM	Full RB
	23780 to 23800	23780, 23790, 23800	10MHz	QPSK, 16QAM, 64QAM	Full RB
PEAK TO AV-ERAGE RATIO	23755 to 23825	23755, 23790, 23825	5MHz	64QAM	Full RB
	23780 to 23800	23780, 23790, 23800	10MHz	64QAM	Full RB
BAND EDGE	23755 to 23825	23755, 23825	5MHz	QPSK	1 RB/ 0,24 RB Offest Full RB
	23780 to 23800	23780, 23800	10MHz	QPSK	1 RB/ 0,49 RB Offest Full RB
CONDCU-DETED EMIS-SION	23755 to 23825	23755, 23790, 23825	5MHz	QPSK	1 RB, 0 RB Offest
	23780 to 23800	23780, 23790, 23800	10MHz	QPSK	1 RB, 0 RB Offest
RADIATED EMISSION	23780 to 23800	23780, 23800	10MHz	QPSK	1 RB/ 0 RB Offest

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

LTE Band 25 MODE

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
EIRP	26047 to 26683	26047, 26365, 26683	1.4MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,5 RB Offest
	26055 to 26675	26055, 26365, 26675	3MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,14 RB Offest
	26065 to 26665	26065, 26365, 26665	5MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,24 RB Offest
	26090 to 26640	26090, 26365, 26640	10MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,49 RB Offest
	26115 to 26615	26115, 26365, 26615	15MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,74 RB Offest
	26140 to 26590	26140, 26365, 26590	20MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,99 RB Offest
FREQUENCY STABILITY	18650 to 19150	18900	10MHz	QPSK	Full RB
OCCUPIED BANDWIDTH	26047 to 26683	26047, 26365, 26683	1.4MHz	QPSK, 16QAM, 64QAM	Full RB
	26055 to 26675	26055, 26365, 26675	3MHz	QPSK, 16QAM, 64QAM	Full RB
	26065 to 26665	26065, 26365, 26665	5MHz	QPSK, 16QAM, 64QAM	Full RB
	26090 to 26640	26090, 26365, 26640	10MHz	QPSK, 16QAM, 64QAM	Full RB
	26115 to 26615	26115, 26365, 26615	15MHz	QPSK, 16QAM, 64QAM	Full RB
	26140 to 26590	26140, 26365, 26590	20MHz	QPSK, 16QAM, 64QAM	Full RB
PEAK TO AVER-AGE RATIO	26047 to 26683	26047, 26365, 26683	1.4MHz	64QAM	Full RB
	26055 to 26675	26055, 26365, 26675	3MHz	64QAM	Full RB
	26065 to 26665	26065, 26365, 26665	5MHz	64QAM	Full RB
	26090 to 26640	26090, 26365, 26640	10MHz	64QAM	Full RB
	26115 to 26615	26115, 26365, 26615	15MHz	64QAM	Full RB
	26140 to 26590	26140, 26365, 26590	20MHz	64QAM	Full RB
BAND EDGE	26047 to 26683	26047, 26683	1.4MHz	QPSK	1 RB/ 0,5 RB Offes Full RB
	26055 to 26675	26055, 26675	3MHz	QPSK	1 RB/ 0,14 RB Offest Full RB
	26065 to 26665	26065, 26665	5MHz	QPSK	1 RB/ 0,24 RB Offest Full RB
	26090 to 26640	26090, 26640	10MHz	QPSK	1 RB/ 0,49 RB Offest Full RB
	26115 to 26615	26115, 26615	15MHz	QPSK	1 RB/ 0,74 RB Offest Full RB
	26140 to 26590	26140, 26590	20MHz	QPSK	1 RB/ 0,99 RB Offest Full RB
CONDCUDETED EMISSION	26047 to 26683	26047, 26365, 26683	1.4MHz	QPSK	1 RB, 0 RB Offest
	26055 to 26675	26055, 26365, 26675	3MHz	QPSK	1 RB, 0 RB Offest
	26065 to 26665	26065, 26365, 26665	5MHz	QPSK	1 RB, 0 RB Offest
	26090 to 26640	26090, 26365, 26640	10MHz	QPSK	1 RB, 0 RB Offest
	26115 to 26615	26115, 26365, 26615	15MHz	QPSK	1 RB, 0 RB Offest
	26140 to 26590	26140, 26365, 26590	20MHz	QPSK	1 RB, 0 RB Offest
RADIATED EMISSION	26090 to 26640	26090, 26365, 26640	10MHz	QPSK	1 RB, 49 RB Offest

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

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
ERP	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,5 RB Offest
	26805 to 27025	26805, 26915, 27025	3MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,14 RB Offest
	26815 to 27015	26815, 26915, 27015	5MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,24 RB Offest
	26840 to 26990	26840, 26915, 26990	10MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,49 RB Offest
	26865 to 26965	26865, 26915, 26965	15MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,74 RB Offest
FREQUENCY STABILITY	26865 to 26965	26915	15MHz	QPSK	Full RB
OCCUPIED BANDWIDTH	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK, 16QAM, 64QAM	Full RB
	26805 to 27025	26805, 26915, 27025	3MHz	QPSK, 16QAM, 64QAM	Full RB
	26815 to 27015	26815, 26915, 27015	5MHz	QPSK, 16QAM, 64QAM	Full RB
	26840 to 26990	26840, 26915, 26990	10MHz	QPSK, 16QAM, 64QAM	Full RB
	26865 to 26965	26865, 26915, 26965	15MHz	QPSK, 16QAM, 64QAM	Full RB
BAND EDGE	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK	1 RB/ 0,5 RB Offes Full RB
	26805 to 27025	26805, 26915, 27025	3MHz	QPSK	1 RB/ 0,14 RB Offest Full RB
	26815 to 27015	26815, 26915, 27015	5MHz	QPSK	1 RB/ 0,24 RB Offest Full RB
	26840 to 26990	26840, 26915, 26990	10MHz	QPSK	1 RB/ 0,49 RB Offest Full RB
	26865 to 26965	26865, 26915, 26965	15MHz	QPSK	1 RB/ 0,74 RB Offest
CONDCUDETED EMISSION	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK	1 RB, 0 RB Offest
	26805 to 27025	26805, 26915, 27025	3MHz	QPSK	1 RB, 0 RB Offest
	26815 to 27015	26815, 26915, 27015	5MHz	QPSK	1 RB, 0 RB Offest
	26840 to 26990	26840, 26915, 26990	10MHz	QPSK	1 RB, 0 RB Offest
	26865 to 26965	26865, 26915, 26965	15MHz	QPSK	1 RB, 0 RB Offest
RADIATED EMISSION	26865 to 26965	26865, 26915, 26965	15MHz	QPSK	1 RB, 0 RB Offest

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

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
ERP	26697 to 26783	26697, 26740, 26783	1.4MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,5 RB Offest
	26705 to 26775	26705, 26740, 26775	3MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,14 RB Offest
	26715 to 26765	26715, 26740, 26765	5MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,24 RB Offest
	26740	26740	10MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,49 RB Offest
FREQUENCY STABILITY	26697 to 26783	26740	1.4MHz	QPSK	Full RB
OCCUPIED BANDWIDTH	26697 to 26783	26697, 26740, 26783	1.4MHz	QPSK, 16QAM, 64QAM	Full RB
	26705 to 26775	26705, 26740, 26775	3MHz	QPSK, 16QAM, 64QAM	Full RB
	26715 to 26765	26715, 26740, 26765	5MHz	QPSK, 16QAM, 64QAM	Full RB
	26740	26740	10MHz	QPSK, 16QAM, 64QAM	Full RB
EMISSION MASK	26697 to 26783	26697, 26740, 26783	1.4MHz	QPSK	1 RB/ 0,5 RB Offes Full RB
	26705 to 26775	26705, 26740, 26775	3MHz	QPSK	1 RB/ 0,14 RB Offest Full RB
	26715 to 26765	26715, 26740, 26765	5MHz	QPSK	1 RB/ 0,24 RB Offest Full RB
	26740	26740	10MHz	QPSK	1 RB/ 0,49 RB Offest Full RB
CONDCUDETED EMISSION	26697 to 26783	26697, 26740, 26783	1.4MHz	QPSK	1 RB, 0 RB Offest
	26705 to 26775	26705, 26740, 26775	3MHz	QPSK	1 RB, 0 RB Offest
	26715 to 26765	26715, 26740, 26765	5MHz	QPSK	1 RB, 0 RB Offest
	26740	26740	10MHz	QPSK	1 RB, 0 RB Offest
RADIATED EMISSION	26697 to 26783	26697, 26740, 26783	1.4MHz	QPSK	1 RB, 5 RB Offest

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

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
ERP	27685 to 27735	27685, 27710, 27735	5MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,24 RB Offest
	27710	27710	10MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,49 RB Offest
FREQUENCY STABILITY	27710	27710	10MHz	QPSK	Full RB
OCCUPIED BANDWIDTH	27685 to 27735	27685, 27710, 27735	5MHz	QPSK, 16QAM, 64QAM	Full RB
	27710	27710	10MHz	QPSK, 16QAM, 64QAM	Full RB
PEAK TO AV-ERAGE RATIO	27685 to 27735	27685, 27710, 27735	5MHz	64QAM	Full RB
	27710	27710	10MHz	64QAM	Full RB
EMISSION MASK	27685 to 27735	27685, 27710, 27735	5MHz	QPSK	1 RB/ 0,24 RB Offest Full RB
	27710	27710	10MHz	QPSK	1 RB/ 0,49 RB Offest Full RB
CONDCU-DETED EMIS-SION	27685 to 27735	27685, 27710, 27735	5MHz	QPSK	1 RB, 0 RB Offest
	27710	27710	10MHz	QPSK	1 RB, 0 RB Offest
RADIATED EMISSION	27710	27710	10MHz	QPSK	1 RB/ 0 RB Offest

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

LTE Band 38 MODE

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
EIRP	37775 to 38225	37775, 38000, 38225	5MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,24 RB Offest
	37800 to 38200	37800 , 38000, 38200	10MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,49 RB Offest
	37825 to 38175	37825 , 38000, 38175	15MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,74 RB Offest
	37850 to 38150	37850 , 38000, 38150	20MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,99 RB Offest
FREQUENCY STABILITY	37800 to 38200	37800 , 38000, 38200	10MHz	QPSK	Full RB
OCCUPIED BANDWIDTH	37775 to 38225	37775, 38000, 38225	5MHz	QPSK, 16QAM, 64QAM	Full RB
	37800 to 38200	37800 , 38000, 38200	10MHz	QPSK, 16QAM, 64QAM	Full RB
	37825 to 38175	37825 , 38000, 38175	15MHz	QPSK, 16QAM, 64QAM	Full RB
	37850 to 38150	37850 , 38000, 38150	20MHz	QPSK, 16QAM, 64QAM	Full RB
PEAK TO AVER-AGE RATIO	37775 to 38225	37775, 38000, 38225	5MHz	64QAM	Full RB
	37800 to 38200	37800 , 38000, 38200	10MHz	64QAM	Full RB
	37825 to 38175	37825 , 38000, 38175	15MHz	64QAM	Full RB
	37850 to 38150	37850 , 38000, 38150	20MHz	64QAM	Full RB
BAND EDGE	37775 to 38225	37775, 38000, 38225	5MHz	QPSK	1 RB/ 0,24 RB Offest Full RB
	37800 to 38200	37800 , 38000, 38200	10MHz	QPSK	1 RB/ 0,49 RB Offest Full RB
	37825 to 38175	37825 , 38000, 38175	15MHz	QPSK	1 RB/ 0,74 RB Offest Full RB
	37850 to 38150	37850 , 38000, 38150	20MHz	QPSK	1 RB/ 0,99 RB Offest Full RB
CONDUCTED EMISSION	37775 to 38225	37775, 38000, 38225	5MHz	QPSK	1 RB, 0 RB Offest
	37800 to 38200	37800 , 38000, 38200	10MHz	QPSK	1 RB, 0 RB Offest
	37825 to 38175	37825 , 38000, 38175	15MHz	QPSK	1 RB, 0 RB Offest
	37850 to 38150	37850 , 38000, 38150	20MHz	QPSK	1 RB, 0 RB Offest
RADIATED EMISSION	37850 to 38150	37850 , 38000, 38150	20MHz	QPSK	1 RB, 99 RB Offest
EMISSION MASK	37775 to 38225	37775, 38000, 38225	5MHz	QPSK	1 RB/ 0,24 RB Offest 25 RB/ 0 Offset
	37800 to 38200	37800 , 38000, 38200	10MHz	QPSK	1 RB/ 0,49 RB Offest 50 RB/ 0 Offset
	37825 to 38175	37825 , 38000, 38175	15MHz	QPSK	1 RB/ 0,74 RB Offest 75 RB/ 0 Offset
	37850 to 38150	37850 , 38000, 38150	20MHz	QPSK	1 RB/ 0,99 RB Offest 100 RB/ 0 Offset

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

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
EIRP	39675 to 41565	39675, 40620, 41565	5MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,24 RB Offest
	39700 to 41540	39700, 40620, 41540	10MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,49 RB Offest
	39725 to 41515	39725, 40620, 41515	15MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,74 RB Offest
	39750 to 41490	39750, 40620, 41490	20MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,99 RB Offest
FREQUENCY STABILITY	39700 to 41540	39700, 40620, 41540	10MHz	QPSK	Full RB
OCCUPIED BANDWIDTH	39675 to 41565	39675, 40620, 41565	5MHz	QPSK, 16QAM, 64QAM	Full RB
	39700 to 41540	39700, 40620, 41540	10MHz	QPSK, 16QAM, 64QAM	Full RB
	39725 to 41515	39725, 40620, 41515	15MHz	QPSK, 16QAM, 64QAM	Full RB
	39750 to 41490	39750, 40620, 41490	20MHz	QPSK, 16QAM, 64QAM	Full RB
PEAK TO AVER-AGE RATIO	39675 to 41565	39675, 40620, 41565	5MHz	64QAM	Full RB
	39700 to 41540	39700, 40620, 41540	10MHz	64QAM	Full RB
	39725 to 41515	39725, 40620, 41515	15MHz	64QAM	Full RB
	39750 to 41490	39750, 40620, 41490	20MHz	64QAM	Full RB
CONDCUDETED EMISSION	39675 to 41565	39675, 40620, 41565	5MHz	QPSK	1 RB, 0 RB Offest
	39700 to 41540	39700, 40620, 41540	10MHz	QPSK	1 RB, 0 RB Offest
	39725 to 41515	39725, 40620, 41515	15MHz	QPSK	1 RB, 0 RB Offest
	39750 to 41490	39750, 40620, 41490	20MHz	QPSK	1 RB, 0 RB Offest
EMISSION MASK	39675 to 41565	39675, 40620, 41565	5MHz	QPSK	1 RB/ 0,24 RB Offest 25 RB/ 0 Offset
	39700 to 41540	39700, 40620, 41540	10MHz	QPSK	1 RB/ 0,49 RB Offest 50 RB/ 0 Offset
	39725 to 41515	39725, 40620, 41515	15MHz	QPSK	1 RB/ 0,74 RB Offest 75 RB/ 0 Offset
	39750 to 41490	39750, 40620, 41490	20MHz	QPSK	1 RB/ 0,99 RB Offest 100 RB/ 0 Offset
RADIATED EMISSION	39750 to 41490	39750, 40620, 41490	20MHz	QPSK	1 RB, 0 RB Offest

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

LTE Band 66 MODE

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
EIRP	131979 to 132665	131979, 132322, 132665	1.4MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,5 RB Offest
	131987 to 132657	131987, 132322, 132657	3MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,14 RB Offest
	131997 to 132647	131997, 132322, 132647	5MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,24 RB Offest
	132022 to 132622	132022, 132322, 132622	10MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,49 RB Offest
	132047 to 132597	132047, 132322, 132597	15MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,74 RB Offest
	132072 to 132572	132072, 132322, 132572	20MHz	QPSK, 16QAM, 64QAM	1 RB/ 0,99 RB Offest
FREQUENCY STABILITY	18650 to 19150	18900	10MHz	QPSK	Full RB
OCCUPIED BANDWIDTH	131979 to 132665	131979, 132322, 132665	1.4MHz	QPSK, 16QAM, 64QAM	Full RB
	131987 to 132657	131987, 132322, 132657	3MHz	QPSK, 16QAM, 64QAM	Full RB
	131997 to 132647	131997, 132322, 132647	5MHz	QPSK, 16QAM, 64QAM	Full RB
	132022 to 132622	132022, 132322, 132622	10MHz	QPSK, 16QAM, 64QAM	Full RB
	132047 to 132597	132047, 132322, 132597	15MHz	QPSK, 16QAM, 64QAM	Full RB
	132072 to 132572	132072, 132322, 132572	20MHz	QPSK, 16QAM, 64QAM	Full RB
PEAK TO AVER-AGE RATIO	131979 to 132665	131979, 132322, 132665	1.4MHz	64QAM	Full RB
	131987 to 132657	131987, 132322, 132657	3MHz	64QAM	Full RB
	131997 to 132647	131997, 132322, 132647	5MHz	64QAM	Full RB
	132022 to 132622	132022, 132322, 132622	10MHz	64QAM	Full RB
	132047 to 132597	132047, 132322, 132597	15MHz	64QAM	Full RB
	132072 to 132572	132072, 132322, 132572	20MHz	64QAM	Full RB
BAND EDGE	18607 to 19193	18607, 19193	1.4MHz	QPSK	1 RB/ 0,5 RB Offes Full RB
	18615 to 19185	18615, 19185	3MHz	QPSK	1 RB/ 0,14 RB Offest Full RB
	18625 to 19175	18625, 19175	5MHz	QPSK	1 RB/ 0,24 RB Offest Full RB
	18650 to 19150	18650, 19150	10MHz	QPSK	1 RB/ 0,49 RB Offest Full RB
	18675 to 19125	18675, 19125	15MHz	QPSK	1 RB/ 0,74 RB Offest Full RB
	18700 to 19100	18700, 19100	20MHz	QPSK	1 RB/ 0,99 RB Offest Full RB

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

CONDCUDETED EMISSION	18607 to 19193	18607, 18900, 19193	1.4MHz	QPSK	1 RB, 0 RB Offest
	18615 to 19185	18615, 18900, 19185	3MHz	QPSK	1 RB, 0 RB Offest
	18625 to 19175	18625, 18900, 19175	5MHz	QPSK	1 RB, 0 RB Offest
	18650 to 19150	18650, 18900, 19150	10MHz	QPSK	1 RB, 0 RB Offest
	18675 to 19125	18675, 18900, 19125	15MHz	QPSK	1 RB, 0 RB Offest
	18700 to 19100	18700, 18900, 19100	20MHz	QPSK	1 RB, 0 RB Offest
RADIATED EMISSION	18700 to 19100	18700, 18900, 19100	20MHz	QPSK	1 RB, 0 RB Offest

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

Test Items	Uncertainty
RF Output Power	+/- 1.15 dB
99% Occupied Bandwidth	+/- 0.89%
Out of Band Emissions at Antenna Terminals and Band Edge	+/- 0.89 dB
Frequency Stability vs. Temperature	+/- 2.64 Hz
3M Semi Anechoic Chamber / 30M~200M	+/- 4.12 dB
3M Semi Anechoic Chamber / 200MHz ~ 1GHz	+/- 4.68
3M Semi Anechoic Chamber / 1GHz ~ 8GHz	+/- 5.18
3M Semi Anechoic Chamber / 8GHz ~ 18GHz	+/- 5.47
3M Semi Anechoic Chamber / 18GHz ~ 26GHz	+/- 3.81
3M Semi Anechoic Chamber / 26GHz ~ 40GHz	+/- 3.87

Note:

1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.
2. ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report.
3. The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

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

6.1. Standard Applicable

A base station simulator was used to establish communication with the EUT. Its parameters were set to transmit the maximum power on the EUT. The measured power in the radio frequency on the transmitter output terminals.

ERP/EIRP LIMIT

According to FCC §2.1046

FCC 22.913(a) Mobile station is limited to 7W ERP.

FCC 24.232(b) Mobile and portable stations are limited to 2 W EIRP.

FCC 27.50(a)(3) Mobile and portable stations (hand-held devices) are limited to 250 mW/ 5MHz EIRP.

FCC 27.50(c)(10) Portable stations (hand-held devices) are limited to 3 watts ERP.

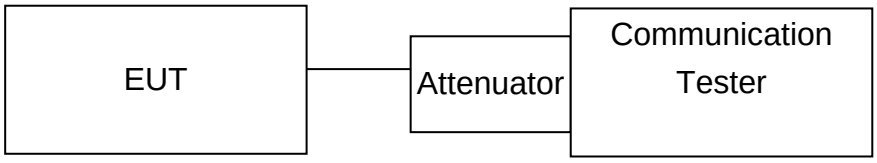
FCC 27.50(d)(4) Fixed, mobile, and portable (hand-held) stations are limited to 1W EIRP.

FCC 27, 50(h)(2) Mobile and other user stations. Mobile stations are limited to 2 W EIRP

FCC 90.635(b) Mobile station is limited to 100W ERP

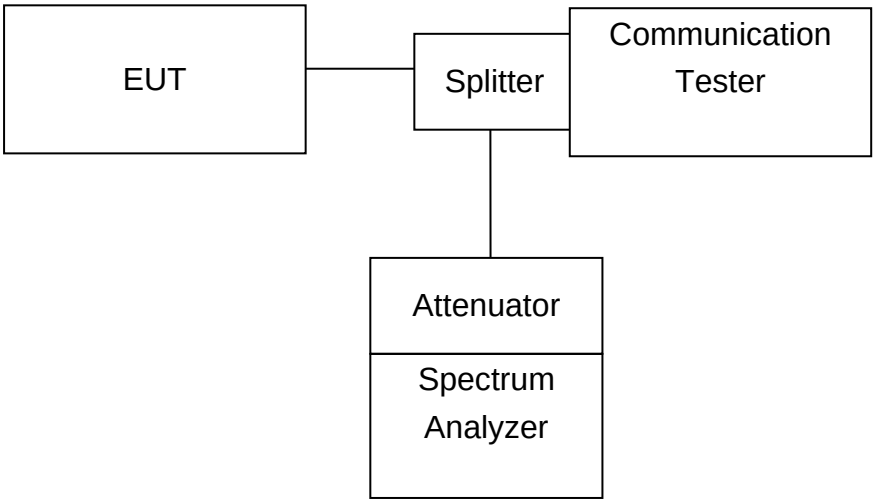
FCC 90.542(a)(7) Portable stations (hand-held devices) transmitting in the 758-768 MHz band and the 788-798 MHz band are limited to 3 watts ERP.

6.2. Test Set-up



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

For Band 30



Note: *Measurement setup for testing on Antenna connector*

6.3. Measurement Procedure

The transmitter output was connected to a calibrated attenuator, the other end of which was connected to a power meter. Transmitter output was read off the power meter in dBm. The power output at the transmitter antenna port was determined by adding the value of the attenuator to the power meter reading. TS 151 010-1 is reference to conduct the test measurement of output power.

The Procedure of KDB941225 (SAR Measurement Procedures for 3G devices, (WCDMA/HSPA) was used for EUT and Base station setting. RMC 12.2kps is used for this testing, and KDB 971168 D01 Power Meas License Digital System as the supplemental test methodology to adjust the proper setting obtaining the measurement results

All LTE bands conducted average power is obtained from the simulator telecommunication test set.

The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP.

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

TEST PROCEDURE:
ANSI C63.26:2015
KDB 971168 Section 5.6

ERP/EIRP = PMeas + GT-LC

where: ERP/EIRP = effective or equivalent radiated power, respectively (expressed in the same units as PMeas, typically dBW or dBm);
PMeas = measured transmitter output power or PSD, in dBm or dBW;
GT = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);
LC = signal attenuation in the connecting cable between the transmitter and antenna, in dB.2
For devices utilizing multiple antennas, KDB 662911 provides guidance for determining the effective array transmit antenna gain term to be used in the above equation.

6.4. Measurement Equipment Used

Conducted Emission (measured at antenna port) Test Site					
EQUIPMENT TYPE	**MFR**	**MODEL NUMBER**	**SERIAL NUMBER**	**LAST CAL.**	**CAL DUE.**
Radio Communication Analyzer	Anritsu	MT8820C	6201465317	01/16/2019	01/15/2020
Spectrum Analyzer	Agilent	N9010A	MY53400256	11/21/2018	11/20/2019
DC Power Supply	Agilent	E3640A	MY53130054	09/03/2018	09/02/2019
Thermostatic/Hrgrosatic Chamber	TAICHY	MHG-150LF	930619	10/08/2018	10/07/2019
DC Block	PASTER-NACK	PE8210	RF256	02/26/2019	02/25/2020
Splitter	Woken	DOM35LW1A2	RF83	02/26/2019	02/25/2020
Attenuator	Marvelous	MVE2213-10	RF80	02/26/2019	02/25/2020

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

6.5. Measurement Result

RF Conducted Output Power

WCDMA MODE:

The following tests were completed according to the test requirements outlined in section 5.2 of the 3GPP TS34.121-1 specification. The EUT supports power Class 3, which has a nominal maximum output power of 24 dBm (+1.7/-3.7). RMC 12.2kps is used for this testing.

Results:

WCDMA/HSUPA/HSDPA Band II Result:

EUT Mode	Freq. (MHz)	CH	Conducted Avg. Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
WCDMA	1852.4	9262	24.08	0.97	25.05	33.00	-7.95
	1880.0	9400	24.29	0.97	25.26	33.00	-7.74
	1907.6	9538	24.09	0.97	25.06	33.00	-7.94
HSDPA	1852.4	9262	24.04	0.97	25.01	33.00	-7.99
	1880.0	9400	24.23	0.97	25.20	33.00	-7.80
	1907.6	9538	24.05	0.97	25.02	33.00	-7.98
HSUPA	1852.4	9262	24.02	0.97	24.99	33.00	-8.01
	1880.0	9400	24.21	0.97	25.18	33.00	-7.82
	1907.6	9538	24.03	0.97	25.00	33.00	-8.00

WCDMA/HSUPA/HSDPA Band IV Result:

EUT Mode	Freq. (MHz)	CH	Conducted Avg. Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
WCDMA	1712.4	1312	24.25	-0.27	23.98	30.00	-6.02
	1732.6	1413	24.19	-0.27	23.92	30.00	-6.08
	1752.6	1513	24.18	-0.27	23.91	30.00	-6.09
HSDPA	1712.4	1312	24.21	-0.27	23.94	30.00	-6.06
	1732.6	1413	24.11	-0.27	23.84	30.00	-6.16
	1752.6	1513	24.13	-0.27	23.86	30.00	-6.14
HSUPA	1712.4	1312	24.18	-0.27	23.91	30.00	-6.09
	1732.6	1413	24.15	-0.27	23.88	30.00	-6.12
	1752.6	1513	24.11	-0.27	23.84	30.00	-6.16

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

EUT Mode	Freq. (MHz)	CH	Conducted Avg. Power (dBm)	Antenna Gain (dBi)	ERP (dBm)	Limit (dBm)	Margin (dB)
WCDMA	826.4	4132	24.09	-1.73	20.21	38.50	-16.14
	836.6	4183	24.14	-1.73	20.26	38.50	-16.09
	846.6	4233	24.08	-1.73	20.20	38.50	-16.15
HSDPA	826.4	4132	24.06	-1.73	20.18	38.50	-16.17
	836.6	4183	24.11	-1.73	20.23	38.50	-16.12
	846.6	4233	24.06	-1.73	20.18	38.50	-16.17
HSUPA	826.4	4132	24.03	-1.73	20.15	38.50	-16.20
	836.6	4183	24.07	-1.73	20.19	38.50	-16.16
	846.6	4233	24.01	-1.73	20.13	38.50	-16.22

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.

HSDPA Release 6 MODE:

The following 4 Sub-Tests were completed according to the test requirements outlined in section 5.2A of the 3GPP TS34.121-1 specification. All TX RMS power requirements for Power Class 3 were met according to table 5.2AA.5 and 5.2B.5 All UE channels and power ratio's are set according to table C10.1.4 & C11.1.3 in the 3GPP TS34.121-1. RMC 12.2kps is used for this testing.

HSDPA SUB-TEST Setting

Table C.10.1.4: β values for transmitter characteristics tests with HS-DPCCH(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)*	**RMC (Kbps)**
1	2/15	15/15	64	2/15	4/15	0.0	0.0	12.2
2	12/15 *(Note 4)*	15/15 *(Note 4)*	64	12/15 *(Note 4)*	24/15	1.0	0.0	12.2
3	15/15	8/15	64	15/8	30/15	1.5	0.5	12.2
4	15/15	4/15	64	15/4	30/15	1.5	0.5	12.2

Note: The recommended HSDPA MPRs are implemented as per following sub-tests.

HSPA (HSDPA & HSUPA) Release 6 MODE

The following 5 Sub-Tests were completed according to the test requirements outlined in section 5.2A of the 3GPP TS34.121-1 specification. All TX RMS power requirements for Power Class 3 were met according to table 5.2AA.5 and 5.2B.5 All UE channels and power ratio's are set according to table C11.1.3 in the 3GPP TS34.121-1. RMC 12.2kps is used for this testing

HSPA SUB-TEST Setting

Table C.11.1.3: β values for transmitter characteristics tests with HS-DPCCH and E-DCH(FOR HSUPA)

Sub-test	β_c	β_d	β_d **(SF)**	β_c/β_d	β_{HS}	β_{ec}	β_{ed}	β_{ed} **(SF)**	β_{ed} **(Codes)**	**CM (dB)**	**MPR (dB)**	**AG Index**	**E-TFCI**	**RMC (Kbps)**
1	11/15 (Note 3)	15/15 (Note 3)	64	11/15 (Note 3)	22/15	209/225	1309/225	4	1	1.0	0.0	20	75	12.2
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	3.0	2.0	12	67	12.2
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	12.2
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	2.0	17	71	12.2
5	15/15 (Note 4)	15/15 (Note 4)	64	15/15 (Note 4)	30/15	24/15	134/15	4	1	1.0	0.0	21	81	12.2

Note: The recommended HSUPA MPRs are implemented as per following sub-tests.

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

Results:

Mode	Sub test	Avg. Power (dBm) Channel		
		9262.00	9400.00	9538.00
HSDPA II	1	24.04	24.23	24.05
	2	23.02	23.21	23.06
	3	22.48	22.69	22.52
	4	22.22	22.41	22.27

Mode	Sub test	Avg. Power (dBm) Channel		
		1312.00	1413.00	1513.00
HSDPA IV	1	24.21	24.11	24.13
	2	23.16	23.03	23.12
	3	22.61	22.47	22.66
	4	22.39	22.18	22.38

Mode	Sub test	Avg. Power (dBm) Channel		
		4132.00	4183.00	4233.00
HSDPA V	1	24.06	24.11	24.06
	2	23.03	23.06	22.92
	3	22.52	22.54	22.34
	4	22.21	22.26	22.04

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.

Mode	Sub test	Avg. Power (dBm) Channel		
		9262.00	9400.00	9538.00
HSUPA II	1	24.02	24.21	24.03
	2	22.49	22.71	22.57
	3	23.01	23.21	23.05
	4	22.41	22.70	22.52
	5	23.98	24.22	24.01

Mode	Sub test	Avg. Power (dBm) Channel		
		1312.00	1413.00	1513.00
HSUPA IV	1	24.18	24.15	24.11
	2	23.17	22.99	23.11
	3	22.63	22.46	22.65
	4	23.12	22.95	23.13
	5	24.13	24.11	24.10

Mode	Sub test	Avg. Power (dBm) Channel		
		4132.00	4183.00	4233.00
HSUPA V	1	24.03	24.07	24.01
	2	23.03	23.05	22.89
	3	22.51	22.54	22.36
	4	23.01	23.04	22.87
	5	23.97	24.01	23.91

WCDMA/HSDPA/HSUPA band II, IV, V

The EUT output power was controlled by simulator. Set Communication Tester MT8820C function key “UE Power Control” and enter max rated power 24dBm. The EUT is going to be set to max output power to 24dBm. Then record the read (see page 15 for measurement data). The min. power was measures by a function key “minimum power” then record the read. It is -52.3dBm. The power variation can be 0.1dB step by setting.

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

Antenna gain (dBi) 0.97

LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
1.4	18607	1850.7	QPSK	1	0	23.35	24.32	33	-8.68
				1	5	23.37	24.34	33	-8.66
				3	2	22.84	23.81	33	-9.19
				6	0	22.34	23.31	33	-9.69
	18900	1880	QPSK	1	0	23.54	24.51	33	-8.49
				1	5	23.43	24.40	33	-8.6
				3	2	22.89	23.86	33	-9.14
				6	0	22.64	23.61	33	-9.39
	19193	1909.3	QPSK	1	0	23.17	24.14	33	-8.86
				1	5	23.05	24.02	33	-8.98
				3	2	22.54	23.51	33	-9.49
				6	0	22.15	23.12	33	-9.88
	18607	1850.7	16QAM	1	0	22.56	23.53	33	-9.47
				1	5	22.55	23.52	33	-9.48
				3	2	22.54	23.51	33	-9.49
				6	0	21.62	22.59	33	-10.41
	18900	1880	16QAM	1	0	22.93	23.90	33	-9.1
				1	5	22.82	23.79	33	-9.21
				3	2	22.91	23.88	33	-9.12
				6	0	21.87	22.84	33	-10.16
	19193	1909.3	16QAM	1	0	22.36	23.33	33	-9.67
				1	5	22.46	23.43	33	-9.57
				3	2	22.31	23.28	33	-9.72
				6	0	21.42	22.39	33	-10.61
	18607	1850.7	64QAM	1	0	21.51	22.48	33	-10.52
				1	5	21.52	22.49	33	-10.51
				3	2	21.53	22.50	33	-10.5
				6	0	20.59	21.56	33	-11.44
	18900	1880	64QAM	1	0	21.84	22.81	33	-10.19
				1	5	21.79	22.76	33	-10.24
				3	2	21.81	22.78	33	-10.22
				6	0	20.80	21.77	33	-11.23
	19193	1909.3	64QAM	1	0	21.34	22.31	33	-10.69
				1	5	21.40	22.37	33	-10.63
				3	2	21.24	22.21	33	-10.79
				6	0	20.39	21.36	33	-11.64

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) 0.97

LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
3	18615	1851.5	QPSK	1	0	23.04	24.01	33	-8.99
				1	14	23.21	24.18	33	-8.82
				8	4	21.96	22.93	33	-10.07
				15	0	22.05	23.02	33	-9.98
	18900	1880	QPSK	1	0	23.08	24.05	33	-8.95
				1	14	23.17	24.14	33	-8.86
				8	4	22.26	23.23	33	-9.77
				15	0	22.24	23.21	33	-9.79
	19185	1908.5	QPSK	1	0	22.92	23.89	33	-9.11
				1	14	22.68	23.65	33	-9.35
				8	4	22.38	23.35	33	-9.65
				15	0	22.27	23.24	33	-9.76
	18615	1851.5	16QAM	1	0	22.24	23.21	33	-9.79
				1	14	22.42	23.39	33	-9.61
				8	4	21.00	21.97	33	-11.03
				15	0	21.44	22.41	33	-10.59
	18900	1880	16QAM	1	0	22.70	23.67	33	-9.33
				1	14	22.63	23.60	33	-9.4
				8	4	21.36	22.33	33	-10.67
				15	0	21.26	22.23	33	-10.77
	19185	1908.5	16QAM	1	0	22.62	23.59	33	-9.41
				1	14	22.17	23.14	33	-9.86
				8	4	21.42	22.39	33	-10.61
				15	0	21.35	22.32	33	-10.68
	18615	1851.5	64QAM	1	0	21.19	22.16	33	-10.84
				1	14	21.41	22.38	33	-10.62
				8	4	19.92	20.89	33	-12.11
				15	0	20.35	21.32	33	-11.68
	18900	1880	64QAM	1	0	21.61	22.58	33	-10.42
				1	14	21.55	22.52	33	-10.48
				8	4	20.36	21.33	33	-11.67
				15	0	20.16	21.13	33	-11.87
	19185	1908.5	64QAM	1	0	21.52	22.49	33	-10.51
				1	14	21.13	22.10	33	-10.9
				8	4	20.33	21.30	33	-11.7
				15	0	20.25	21.22	33	-11.78

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) 0.97

LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	18625	1852.5	QPSK	1	0	23.22	24.19	33	-8.81
				1	24	23.30	24.27	33	-8.73
				12	6	22.16	23.13	33	-9.87
				25	0	22.22	23.19	33	-9.81
	18900	1880	QPSK	1	0	23.13	24.10	33	-8.9
				1	24	23.19	24.16	33	-8.84
				12	6	22.34	23.31	33	-9.69
				25	0	22.43	23.40	33	-9.6
	19175	1907.5	QPSK	1	0	23.08	24.05	33	-8.95
				1	24	22.81	23.78	33	-9.22
				12	6	22.42	23.39	33	-9.61
				25	0	22.44	23.41	33	-9.59
	18625	1852.5	16QAM	1	0	22.38	23.35	33	-9.65
				1	24	22.47	23.44	33	-9.56
				12	6	21.07	22.04	33	-10.96
				25	0	21.50	22.47	33	-10.53
	18900	1880	16QAM	1	0	22.81	23.78	33	-9.22
				1	24	22.74	23.71	33	-9.29
				12	6	21.41	22.38	33	-10.62
				25	0	21.47	22.44	33	-10.56
	19175	1907.5	16QAM	1	0	22.68	23.65	33	-9.35
				1	24	22.23	23.20	33	-9.8
				12	6	21.58	22.55	33	-10.45
				25	0	21.56	22.53	33	-10.47
	18625	1852.5	64QAM	1	0	21.36	22.33	33	-10.67
				1	24	21.46	22.43	33	-10.57
				12	6	20.02	20.99	33	-12.01
				25	0	20.42	21.39	33	-11.61
	18900	1880	64QAM	1	0	21.78	22.75	33	-10.25
				1	24	21.66	22.63	33	-10.37
				12	6	20.31	21.28	33	-11.72
				25	0	20.43	21.40	33	-11.6
	19175	1907.5	64QAM	1	0	21.58	22.55	33	-10.45
				1	24	21.16	22.13	33	-10.87
				12	6	20.54	21.51	33	-11.49
				25	0	20.49	21.46	33	-11.54

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) 0.97

LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	18650	1855	QPSK	1	0	23.31	24.28	33	-8.72
				1	49	23.39	24.36	33	-8.64
				25	12	22.28	23.25	33	-9.75
				50	0	22.36	23.33	33	-9.67
	18900	1880	QPSK	1	0	23.24	24.21	33	-8.79
				1	49	23.31	24.28	33	-8.72
				25	12	22.54	23.51	33	-9.49
				50	0	22.51	23.48	33	-9.52
	19150	1905	QPSK	1	0	23.24	24.21	33	-8.79
				1	49	22.91	23.88	33	-9.12
				25	12	22.49	23.46	33	-9.54
				50	0	22.61	23.58	33	-9.42
	18650	1855	16QAM	1	0	22.46	23.43	33	-9.57
				1	49	22.68	23.65	33	-9.35
				25	12	21.28	22.25	33	-10.75
				50	0	21.56	22.53	33	-10.47
	18900	1880	16QAM	1	0	22.90	23.87	33	-9.13
				1	49	22.89	23.86	33	-9.14
				25	12	21.62	22.59	33	-10.41
				50	0	21.65	22.62	33	-10.38
	19150	1905	16QAM	1	0	22.76	23.73	33	-9.27
				1	49	22.40	23.37	33	-9.63
				25	12	21.68	22.65	33	-10.35
				50	0	21.64	22.61	33	-10.39
	18650	1855	64QAM	1	0	21.46	22.43	33	-10.57
				1	49	21.59	22.56	33	-10.44
				25	12	20.23	21.20	33	-11.8
				50	0	20.52	21.49	33	-11.51
	18900	1880	64QAM	1	0	21.87	22.84	33	-10.16
				1	49	21.80	22.77	33	-10.23
				25	12	20.59	21.56	33	-11.44
				50	0	20.64	21.61	33	-11.39
	19150	1905	64QAM	1	0	21.74	22.71	33	-10.29
				1	49	21.35	22.32	33	-10.68
				25	12	20.67	21.64	33	-11.36
				50	0	20.60	21.57	33	-11.43

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) 0.97

LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	18675	1857.5	QPSK	1	0	23.34	24.31	33	-8.69
				1	74	23.42	24.39	33	-8.61
				36	18	22.37	23.34	33	-9.66
				75	0	22.47	23.44	33	-9.56
	18900	1880	QPSK	1	0	23.45	24.42	33	-8.58
				1	74	23.40	24.37	33	-8.63
				36	18	22.69	23.66	33	-9.34
				75	0	22.66	23.63	33	-9.37
	19125	1902.5	QPSK	1	0	23.43	24.40	33	-8.6
				1	74	23.12	24.09	33	-8.91
				36	18	22.68	23.65	33	-9.35
				75	0	22.72	23.69	33	-9.31
	18675	1857.5	16QAM	1	0	22.65	23.62	33	-9.38
				1	74	22.85	23.82	33	-9.18
				36	18	21.47	22.44	33	-10.56
				75	0	21.58	22.55	33	-10.45
	18900	1880	16QAM	1	0	23.00	23.97	33	-9.03
				1	74	22.96	23.93	33	-9.07
				36	18	21.77	22.74	33	-10.26
				75	0	21.77	22.74	33	-10.26
	19125	1902.5	16QAM	1	0	22.79	23.76	33	-9.24
				1	74	22.54	23.51	33	-9.49
				36	18	21.70	22.67	33	-10.33
				75	0	21.70	22.67	33	-10.33
	18675	1857.5	64QAM	1	0	21.64	22.61	33	-10.39
				1	74	21.83	22.80	33	-10.2
				36	18	20.44	21.41	33	-11.59
				75	0	20.58	21.55	33	-11.45
	18900	1880	64QAM	1	0	21.90	22.87	33	-10.13
				1	74	21.96	22.93	33	-10.07
				36	18	20.70	21.67	33	-11.33
				75	0	20.71	21.68	33	-11.32
	19125	1902.5	64QAM	1	0	21.72	22.69	33	-10.31
				1	74	21.50	22.47	33	-10.53
				36	18	20.66	21.63	33	-11.37
				75	0	20.61	21.58	33	-11.42

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) 0.97

LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	18700	1860	QPSK	1	0	23.38	24.35	33	-8.65
				1	99	23.62	24.59	33	-8.41
				50	25	22.54	23.51	33	-9.49
				100	0	22.59	23.56	33	-9.44
	18900	1880	QPSK	1	0	23.69	24.66	33	-8.34
				1	99	23.56	24.53	33	-8.47
				50	25	22.79	23.76	33	-9.24
				100	0	22.81	23.78	33	-9.22
	19100	1900	QPSK	1	0	23.60	24.57	33	-8.43
				1	99	23.32	24.29	33	-8.71
				50	25	22.73	23.70	33	-9.3
				100	0	22.80	23.77	33	-9.23
	18700	1860	16QAM	1	0	22.73	23.70	33	-9.3
				1	99	22.96	23.93	33	-9.07
				50	25	21.57	22.54	33	-10.46
				100	0	21.61	22.58	33	-10.42
	18900	1880	16QAM	1	0	22.98	23.95	33	-9.05
				1	99	22.95	23.92	33	-9.08
				50	25	21.84	22.81	33	-10.19
				100	0	21.87	22.84	33	-10.16
	19100	1900	16QAM	1	0	22.82	23.79	33	-9.21
				1	99	22.68	23.65	33	-9.35
				50	25	21.76	22.73	33	-10.27
				100	0	21.82	22.79	33	-10.21
	18700	1860	64QAM	1	0	21.68	22.65	33	-10.35
				1	99	21.91	22.88	33	-10.12
				50	25	20.57	21.54	33	-11.46
				100	0	20.56	21.53	33	-11.47
	18900	1880	64QAM	1	0	21.95	22.92	33	-10.08
				1	99	21.91	22.88	33	-10.12
				50	25	20.78	21.75	33	-11.25
				100	0	20.87	21.84	33	-11.16
	19100	1900	64QAM	1	0	21.74	22.71	33	-10.29
				1	99	21.62	22.59	33	-10.41
				50	25	20.74	21.71	33	-11.29
				100	0	20.72	21.69	33	-11.31

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -0.27

LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
1.4	19957	1710.7	QPSK	1	0	23.54	23.27	30	-6.73
				1	5	23.59	23.32	30	-6.68
				3	2	22.92	22.65	30	-7.35
				6	0	22.58	22.31	30	-7.69
	20175	1732.5	QPSK	1	0	23.59	23.32	30	-6.68
				1	5	23.57	23.30	30	-6.7
				3	2	22.95	22.68	30	-7.32
				6	0	22.60	22.33	30	-7.67
	20393	1754.3	QPSK	1	0	23.63	23.36	30	-6.64
				1	5	23.70	23.43	30	-6.57
				3	2	22.86	22.59	30	-7.41
				6	0	22.71	22.44	30	-7.56
	19957	1710.7	16QAM	1	0	22.90	22.63	30	-7.37
				1	5	22.90	22.63	30	-7.37
				3	2	22.67	22.40	30	-7.6
				6	0	21.69	21.42	30	-8.58
	20175	1732.5	16QAM	1	0	22.88	22.61	30	-7.39
				1	5	22.88	22.61	30	-7.39
				3	2	22.65	22.38	30	-7.62
				6	0	21.68	21.41	30	-8.59
	20393	1754.3	16QAM	1	0	22.84	22.57	30	-7.43
				1	5	22.82	22.55	30	-7.45
				3	2	22.79	22.52	30	-7.48
				6	0	21.78	21.51	30	-8.49
	19957	1710.7	64QAM	1	0	21.86	21.59	30	-8.41
				1	5	21.89	21.62	30	-8.38
				3	2	21.64	21.37	30	-8.63
				6	0	20.60	20.33	30	-9.67
	20175	1732.5	64QAM	1	0	21.88	21.61	30	-8.39
				1	5	21.83	21.56	30	-8.44
				3	2	21.58	21.31	30	-8.69
				6	0	20.60	20.33	30	-9.67
	20393	1754.3	64QAM	1	0	21.83	21.56	30	-8.44
				1	5	21.80	21.53	30	-8.47
				3	2	21.74	21.47	30	-8.53
				6	0	20.69	20.42	30	-9.58

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -0.27

LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
3	19965	1711.5	QPSK	1	0	23.11	22.84	30	-7.16
				1	14	23.18	22.91	30	-7.09
				8	4	22.15	21.88	30	-8.12
				15	0	22.27	22.00	30	-8
	20175	1732.5	QPSK	1	0	23.44	23.17	30	-6.83
				1	14	23.28	23.01	30	-6.99
				8	4	22.10	21.83	30	-8.17
				15	0	22.14	21.87	30	-8.13
	20385	1753.5	QPSK	1	0	23.10	22.83	30	-7.17
				1	14	23.08	22.81	30	-7.19
				8	4	22.08	21.81	30	-8.19
				15	0	21.98	21.71	30	-8.29
	19965	1711.5	16QAM	1	0	22.46	22.19	30	-7.81
				1	14	22.51	22.24	30	-7.76
				8	4	21.37	21.10	30	-8.9
				15	0	21.22	20.95	30	-9.05
	20175	1732.5	16QAM	1	0	22.58	22.31	30	-7.69
				1	14	22.57	22.30	30	-7.7
				8	4	21.24	20.97	30	-9.03
				15	0	21.09	20.82	30	-9.18
	20385	1753.5	16QAM	1	0	22.35	22.08	30	-7.92
				1	14	22.61	22.34	30	-7.66
				8	4	21.00	20.73	30	-9.27
				15	0	21.21	20.94	30	-9.06
	19965	1711.5	64QAM	1	0	21.36	21.09	30	-8.91
				1	14	21.50	21.23	30	-8.77
				8	4	20.36	20.09	30	-9.91
				15	0	20.15	19.88	30	-10.12
	20175	1732.5	64QAM	1	0	21.49	21.22	30	-8.78
				1	14	21.47	21.20	30	-8.8
				8	4	20.19	19.92	30	-10.08
				15	0	20.02	19.75	30	-10.25
	20385	1753.5	64QAM	1	0	21.34	21.07	30	-8.93
				1	14	21.53	21.26	30	-8.74
				8	4	19.92	19.65	30	-10.35
				15	0	20.17	19.90	30	-10.1

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.

Antenna gain (dBi) -0.27

LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	19975	1712.5	QPSK	1	0	23.27	23.00	30	-7
				1	24	23.29	23.02	30	-6.98
				12	6	22.31	22.04	30	-7.96
				25	0	22.38	22.11	30	-7.89
	20175	1732.5	QPSK	1	0	23.61	23.34	30	-6.66
				1	24	23.45	23.18	30	-6.82
				12	6	22.28	22.01	30	-7.99
				25	0	22.21	21.94	30	-8.06
	20375	1752.5	QPSK	1	0	23.31	23.04	30	-6.96
				1	24	23.18	22.91	30	-7.09
				12	6	22.27	22.00	30	-8
				25	0	22.18	21.91	30	-8.09
	19975	1712.5	16QAM	1	0	22.57	22.30	30	-7.7
				1	24	22.55	22.28	30	-7.72
				12	6	21.49	21.22	30	-8.78
				25	0	21.40	21.13	30	-8.87
	20175	1732.5	16QAM	1	0	22.61	22.34	30	-7.66
				1	24	22.78	22.51	30	-7.49
				12	6	21.34	21.07	30	-8.93
				25	0	21.19	20.92	30	-9.08
	20375	1752.5	16QAM	1	0	22.54	22.27	30	-7.73
				1	24	22.76	22.49	30	-7.51
				12	6	21.21	20.94	30	-9.06
				25	0	21.37	21.10	30	-8.9
	19975	1712.5	64QAM	1	0	21.50	21.23	30	-8.77
				1	24	21.52	21.25	30	-8.75
				12	6	20.44	20.17	30	-9.83
				25	0	20.40	20.13	30	-9.87
	20175	1732.5	64QAM	1	0	21.52	21.25	30	-8.75
				1	24	21.68	21.41	30	-8.59
				12	6	20.27	20.00	30	-10
				25	0	20.12	19.85	30	-10.15
	20375	1752.5	64QAM	1	0	21.44	21.17	30	-8.83
				1	24	21.75	21.48	30	-8.52
				12	6	20.12	19.85	30	-10.15
				25	0	20.35	20.08	30	-9.92

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -0.27

LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	20000	1715	QPSK	1	0	23.42	23.15	30	-6.85
				1	49	23.35	23.08	30	-6.92
				25	12	22.49	22.22	30	-7.78
				50	0	22.57	22.30	30	-7.7
	20175	1732.5	QPSK	1	0	23.63	23.36	30	-6.64
				1	49	23.57	23.30	30	-6.7
				25	12	22.35	22.08	30	-7.92
				50	0	22.32	22.05	30	-7.95
	20375	1750	QPSK	1	0	23.51	23.24	30	-6.76
				1	49	23.39	23.12	30	-6.88
				25	12	22.37	22.10	30	-7.9
				50	0	22.37	22.10	30	-7.9
	20000	1715	16QAM	1	0	22.75	22.48	30	-7.52
				1	49	22.74	22.47	30	-7.53
				25	12	21.60	21.33	30	-8.67
				50	0	21.53	21.26	30	-8.74
	20175	1732.5	16QAM	1	0	22.80	22.53	30	-7.47
				1	49	22.82	22.55	30	-7.45
				25	12	21.42	21.15	30	-8.85
				50	0	21.31	21.04	30	-8.96
	20375	1750	16QAM	1	0	22.65	22.38	30	-7.62
				1	49	22.78	22.51	30	-7.49
				25	12	21.41	21.14	30	-8.86
				50	0	21.39	21.12	30	-8.88
	20000	1715	64QAM	1	0	21.65	21.38	30	-8.62
				1	49	21.70	21.43	30	-8.57
				25	12	20.56	20.29	30	-9.71
				50	0	20.46	20.19	30	-9.81
	20175	1732.5	64QAM	1	0	21.78	21.51	30	-8.49
				1	49	21.81	21.54	30	-8.46
				25	12	20.34	20.07	30	-9.93
				50	0	20.31	20.04	30	-9.96
	20375	1750	64QAM	1	0	21.55	21.28	30	-8.72
				1	49	21.72	21.45	30	-8.55
				25	12	20.39	20.12	30	-9.88
				50	0	20.38	20.11	30	-9.89

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.

Antenna gain (dBi) -0.27

LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	20025	1717.5	QPSK	1	0	23.55	23.28	30	-6.72
				1	74	23.44	23.17	30	-6.83
				36	18	22.63	22.36	30	-7.64
				75	0	22.72	22.45	30	-7.55
	20175	1732.5	QPSK	1	0	23.66	23.39	30	-6.61
				1	74	23.69	23.42	30	-6.58
				36	18	22.44	22.17	30	-7.83
				75	0	22.47	22.20	30	-7.8
	20325	1747.5	QPSK	1	0	23.72	23.45	30	-6.55
				1	74	23.57	23.30	30	-6.7
				36	18	22.44	22.17	30	-7.83
				75	0	22.50	22.23	30	-7.77
	20025	1717.5	16QAM	1	0	22.90	22.63	30	-7.37
				1	74	22.88	22.61	30	-7.39
				36	18	21.66	21.39	30	-8.61
				75	0	21.55	21.28	30	-8.72
	20175	1732.5	16QAM	1	0	22.91	22.64	30	-7.36
				1	74	22.85	22.58	30	-7.42
				36	18	21.51	21.24	30	-8.76
				75	0	21.45	21.18	30	-8.82
	20325	1747.5	16QAM	1	0	22.77	22.50	30	-7.5
				1	74	22.98	22.71	30	-7.29
				36	18	21.61	21.34	30	-8.66
				75	0	21.58	21.31	30	-8.69
	20025	1717.5	64QAM	1	0	21.89	21.62	30	-8.38
				1	74	21.85	21.58	30	-8.42
				36	18	20.57	20.30	30	-9.7
				75	0	20.52	20.25	30	-9.75
	20175	1732.5	64QAM	1	0	21.88	21.61	30	-8.39
				1	74	21.77	21.50	30	-8.5
				36	18	20.43	20.16	30	-9.84
				75	0	20.45	20.18	30	-9.82
	20325	1747.5	64QAM	1	0	21.73	21.46	30	-8.54
				1	74	21.89	21.62	30	-8.38
				36	18	20.60	20.33	30	-9.67
				75	0	20.54	20.27	30	-9.73

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -0.27

LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	20050	1720	QPSK	1	0	23.94	23.67	30	-6.33
				1	99	23.90	23.63	30	-6.37
				50	25	22.97	22.70	30	-7.3
				100	0	22.99	22.72	30	-7.28
	20175	1732.5	QPSK	1	0	23.96	23.69	30	-6.31
				1	99	23.97	23.70	30	-6.3
				50	25	22.81	22.54	30	-7.46
				100	0	22.87	22.60	30	-7.4
	20300	1745	QPSK	1	0	23.99	23.72	30	-6.28
				1	99	23.93	23.66	30	-6.34
				50	25	22.89	22.62	30	-7.38
				100	0	22.92	22.65	30	-7.35
	20050	1720	16QAM	1	0	22.97	22.70	30	-7.3
				1	99	23.00	22.73	30	-7.27
				50	25	21.74	21.47	30	-8.53
				100	0	21.75	21.48	30	-8.52
	20175	1732.5	16QAM	1	0	22.93	22.66	30	-7.34
				1	99	22.94	22.67	30	-7.33
				50	25	21.61	21.34	30	-8.66
				100	0	21.66	21.39	30	-8.61
	20300	1745	16QAM	1	0	22.94	22.67	30	-7.33
				1	99	23.00	22.73	30	-7.27
				50	25	21.71	21.44	30	-8.56
				100	0	21.71	21.44	30	-8.56
	20050	1720	64QAM	1	0	21.97	21.70	30	-8.3
				1	99	21.96	21.69	30	-8.31
				50	25	20.67	20.40	30	-9.6
				100	0	20.65	20.38	30	-9.62
	20175	1732.5	64QAM	1	0	21.90	21.63	30	-8.37
				1	99	21.89	21.62	30	-8.38
				50	25	20.52	20.25	30	-9.75
				100	0	20.63	20.36	30	-9.64
	20300	1745	64QAM	1	0	21.93	21.66	30	-8.34
				1	99	21.95	21.68	30	-8.32
				50	25	20.70	20.43	30	-9.57
				100	0	20.64	20.37	30	-9.63

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.

Antenna gain (dBi) -1.73

LTE Band 5_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
1.4	20407	824.7	QPSK	1	0	23.30	19.42	21.57	38.45	-16.88
				1	5	23.30	19.42	21.57	38.45	-16.88
				3	2	23.26	19.38	21.53	38.45	-16.92
				6	0	22.27	18.39	20.54	38.45	-17.91
	20525	836.5	QPSK	1	0	23.37	19.49	21.64	38.45	-16.81
				1	5	23.38	19.50	21.65	38.45	-16.8
				3	2	23.34	19.46	21.61	38.45	-16.84
				6	0	22.37	18.49	20.64	38.45	-17.81
	20643	848.3	QPSK	1	0	23.47	19.59	21.74	38.45	-16.71
				1	5	23.44	19.56	21.71	38.45	-16.74
				3	2	23.38	19.50	21.65	38.45	-16.8
				6	0	22.43	18.55	20.70	38.45	-17.75
	20407	824.7	16QAM	1	0	22.58	18.70	20.85	38.45	-17.6
				1	5	22.58	18.70	20.85	38.45	-17.6
				3	2	22.36	18.48	20.63	38.45	-17.82
				6	0	21.33	17.45	19.60	38.45	-18.85
	20525	836.5	16QAM	1	0	22.64	18.76	20.91	38.45	-17.54
				1	5	22.65	18.77	20.92	38.45	-17.53
				3	2	22.40	18.52	20.67	38.45	-17.78
				6	0	21.41	17.53	19.68	38.45	-18.77
	20643	848.3	16QAM	1	0	22.68	18.80	20.95	38.45	-17.5
				1	5	22.58	18.70	20.85	38.45	-17.6
				3	2	22.40	18.52	20.67	38.45	-17.78
				6	0	21.40	17.52	19.67	38.45	-18.78
	20407	824.7	64QAM	1	0	21.52	17.64	19.79	38.45	-18.66
				1	5	21.50	17.62	19.77	38.45	-18.68
				3	2	21.34	17.46	19.61	38.45	-18.84
				6	0	20.32	16.44	18.59	38.45	-19.86
	20525	836.5	64QAM	1	0	21.57	17.69	19.84	38.45	-18.61
				1	5	21.64	17.76	19.91	38.45	-18.54
				3	2	21.40	17.52	19.67	38.45	-18.78
				6	0	20.41	16.53	18.68	38.45	-19.77
	20643	848.3	64QAM	1	0	21.66	17.78	19.93	38.45	-18.52
				1	5	21.49	17.61	19.76	38.45	-18.69
				3	2	21.34	17.46	19.61	38.45	-18.84
				6	0	20.31	16.43	18.58	38.45	-19.87

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.

Antenna gain (dBi) -1.73

LTE Band 5_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
3	20415	825.5	QPSK	1	0	23.21	19.33	21.48	38.45	-16.97
				1	14	23.31	19.43	21.58	38.45	-16.87
				8	4	22.32	18.44	20.59	38.45	-17.86
				15	0	22.28	18.40	20.55	38.45	-17.9
	20525	836.5	QPSK	1	0	23.27	19.39	21.54	38.45	-16.91
				1	14	23.32	19.44	21.59	38.45	-16.86
				8	4	22.55	18.67	20.82	38.45	-17.63
				15	0	22.38	18.50	20.65	38.45	-17.8
	20635	847.5	QPSK	1	0	23.19	19.31	21.46	38.45	-16.99
				1	14	23.51	19.63	21.78	38.45	-16.67
				8	4	22.36	18.48	20.63	38.45	-17.82
				15	0	22.45	18.57	20.72	38.45	-17.73
	20415	825.5	16QAM	1	0	22.48	18.60	20.75	38.45	-17.7
				1	14	22.85	18.97	21.12	38.45	-17.33
				8	4	21.35	17.47	19.62	38.45	-18.83
				15	0	21.39	17.51	19.66	38.45	-18.79
	20525	836.5	16QAM	1	0	22.81	18.93	21.08	38.45	-17.37
				1	14	22.63	18.75	20.90	38.45	-17.55
				8	4	21.53	17.65	19.80	38.45	-18.65
				15	0	21.57	17.69	19.84	38.45	-18.61
	20635	847.5	16QAM	1	0	22.51	18.63	20.78	38.45	-17.67
				1	14	22.70	18.82	20.97	38.45	-17.48
				8	4	21.64	17.76	19.91	38.45	-18.54
				15	0	21.43	17.55	19.70	38.45	-18.75
	20415	825.5	64QAM	1	0	21.44	17.56	19.71	38.45	-18.74
				1	14	21.75	17.87	20.02	38.45	-18.43
				8	4	20.26	16.38	18.53	38.45	-19.92
				15	0	20.36	16.48	18.63	38.45	-19.82
	20525	836.5	64QAM	1	0	21.81	17.93	20.08	38.45	-18.37
				1	14	21.61	17.73	19.88	38.45	-18.57
				8	4	20.53	16.65	18.80	38.45	-19.65
				15	0	20.48	16.60	18.75	38.45	-19.7
	20635	847.5	64QAM	1	0	21.41	17.53	19.68	38.45	-18.77
				1	14	21.61	17.73	19.88	38.45	-18.57
				8	4	20.63	16.75	18.90	38.45	-19.55
				15	0	20.41	16.53	18.68	38.45	-19.77

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -1.73

LTE Band 5_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	20425	826.5	QPSK	1	0	23.39	19.51	21.66	38.45	-16.79
				1	24	23.48	19.60	21.75	38.45	-16.7
				12	6	22.40	18.52	20.67	38.45	-17.78
				25	0	22.36	18.48	20.63	38.45	-17.82
	20525	836.5	QPSK	1	0	23.43	19.55	21.70	38.45	-16.75
				1	24	23.50	19.62	21.77	38.45	-16.68
				12	6	22.62	18.74	20.89	38.45	-17.56
				25	0	22.54	18.66	20.81	38.45	-17.64
	20625	846.5	QPSK	1	0	23.38	19.50	21.65	38.45	-16.8
				1	24	23.61	19.73	21.88	38.45	-16.57
				12	6	22.49	18.61	20.76	38.45	-17.69
				25	0	22.58	18.70	20.85	38.45	-17.6
	20425	826.5	16QAM	1	0	22.62	18.74	20.89	38.45	-17.56
				1	24	22.93	19.05	21.20	38.45	-17.25
				12	6	21.41	17.53	19.68	38.45	-18.77
				25	0	21.50	17.62	19.77	38.45	-18.68
	20525	836.5	16QAM	1	0	22.84	18.96	21.11	38.45	-17.34
				1	24	22.81	18.93	21.08	38.45	-17.37
				12	6	21.72	17.84	19.99	38.45	-18.46
				25	0	21.61	17.73	19.88	38.45	-18.57
	20625	846.5	16QAM	1	0	22.62	18.74	20.89	38.45	-17.56
				1	24	22.87	18.99	21.14	38.45	-17.31
				12	6	21.70	17.82	19.97	38.45	-18.48
				25	0	21.49	17.61	19.76	38.45	-18.69
	20425	826.5	64QAM	1	0	21.52	17.64	19.79	38.45	-18.66
				1	24	21.85	17.97	20.12	38.45	-18.33
				12	6	20.36	16.48	18.63	38.45	-19.82
				25	0	20.49	16.61	18.76	38.45	-19.69
	20525	836.5	64QAM	1	0	21.79	17.91	20.06	38.45	-18.39
				1	24	21.76	17.88	20.03	38.45	-18.42
				12	6	20.65	16.77	18.92	38.45	-19.53
				25	0	20.58	16.70	18.85	38.45	-19.6
	20625	846.5	64QAM	1	0	21.62	17.74	19.89	38.45	-18.56
				1	24	21.82	17.94	20.09	38.45	-18.36
				12	6	20.61	16.73	18.88	38.45	-19.57
				25	0	20.41	16.53	18.68	38.45	-19.77

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -1.73

LTE Band 5_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	20450	829	QPSK	1	0	23.68	19.80	21.95	38.45	-16.5
				1	49	23.59	19.71	21.86	38.45	-16.59
				25	12	22.50	18.62	20.77	38.45	-17.68
				50	0	22.51	18.63	20.78	38.45	-17.67
	20525	836.5	QPSK	1	0	23.62	19.74	21.89	38.45	-16.56
				1	49	23.62	19.74	21.89	38.45	-16.56
				25	12	22.65	18.77	20.92	38.45	-17.53
				50	0	22.64	18.76	20.91	38.45	-17.54
	20600	844	QPSK	1	0	23.71	19.83	21.98	38.45	-16.47
				1	49	23.55	19.67	21.82	38.45	-16.63
				25	12	22.66	18.78	20.93	38.45	-17.52
				50	0	22.65	18.77	20.92	38.45	-17.53
	20450	829	16QAM	1	0	22.78	18.90	21.05	38.45	-17.4
				1	49	22.98	19.10	21.25	38.45	-17.2
				25	12	21.59	17.71	19.86	38.45	-18.59
				50	0	21.57	17.69	19.84	38.45	-18.61
	20525	836.5	16QAM	1	0	22.96	19.08	21.23	38.45	-17.22
				1	49	22.89	19.01	21.16	38.45	-17.29
				25	12	21.76	17.88	20.03	38.45	-18.42
				50	0	21.69	17.81	19.96	38.45	-18.49
	20600	844	16QAM	1	0	22.81	18.93	21.08	38.45	-17.37
				1	49	22.90	19.02	21.17	38.45	-17.28
				25	12	21.73	17.85	20.00	38.45	-18.45
				50	0	21.67	17.79	19.94	38.45	-18.51
	20450	829	64QAM	1	0	21.72	17.84	19.99	38.45	-18.46
				1	49	21.89	18.01	20.16	38.45	-18.29
				25	12	20.55	16.67	18.82	38.45	-19.63
				50	0	20.53	16.65	18.80	38.45	-19.65
	20525	836.5	64QAM	1	0	21.87	17.99	20.14	38.45	-18.31
				1	49	21.80	17.92	20.07	38.45	-18.38
				25	12	20.75	16.87	19.02	38.45	-19.43
				50	0	20.68	16.80	18.95	38.45	-19.5
	20600	844	64QAM	1	0	21.79	17.91	20.06	38.45	-18.39
				1	49	21.90	18.02	20.17	38.45	-18.28
				25	12	20.65	16.77	18.92	38.45	-19.53
				50	0	20.59	16.71	18.86	38.45	-19.59

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) 1.25

LTE Band 7_Uplink frequency band : 2500 to 2570 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	Avg. Conducted Power Limit (dBm)	Margin (dB)
5	20775	2502.5	QPSK	1	0	23.31	24.56	33	-8.44
				1	24	23.47	24.72	33	-8.28
				12	6	22.28	23.53	33	-9.47
				25	0	22.30	23.55	33	-9.45
	21100	2535	QPSK	1	0	23.80	25.05	33	-7.95
				1	24	23.90	25.15	33	-7.85
				12	6	22.80	24.05	33	-8.95
				25	0	22.81	24.06	33	-8.94
	21375	2567.5	QPSK	1	0	23.84	25.09	33	-7.91
				1	24	23.99	25.24	33	-7.76
				12	6	22.78	24.03	33	-8.97
				25	0	22.80	24.05	33	-8.95
	20775	2502.5	16QAM	1	0	22.69	23.94	33	-9.06
				1	24	22.51	23.76	33	-9.24
				12	6	21.28	22.53	33	-10.47
				25	0	21.25	22.50	33	-10.5
	21100	2535	16QAM	1	0	22.88	24.13	33	-8.87
				1	24	22.85	24.10	33	-8.9
				12	6	21.80	23.05	33	-9.95
				25	0	21.78	23.03	33	-9.97
	21375	2567.5	16QAM	1	0	22.82	24.07	33	-8.93
				1	24	22.95	24.20	33	-8.8
				12	6	21.84	23.09	33	-9.91
				25	0	21.82	23.07	33	-9.93
	20775	2502.5	64QAM	1	0	21.64	22.89	33	-10.11
				1	24	21.45	22.70	33	-10.3
				12	6	20.25	21.50	33	-11.5
				25	0	20.23	21.48	33	-11.52
	21100	2535	64QAM	1	0	21.83	23.08	33	-9.92
				1	24	21.93	23.18	33	-9.82
				12	6	20.73	21.98	33	-11.02
				25	0	20.73	21.98	33	-11.02
	21375	2567.5	64QAM	1	0	21.79	23.04	33	-9.96
				1	24	21.90	23.15	33	-9.85
				12	6	20.84	22.09	33	-10.91
				25	0	20.73	21.98	33	-11.02

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.

Antenna gain (dBi) 1.25

LTE Band 7_Uplink frequency band : 2500 to 2570 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	Avg. Conducted Power Limit (dBm)	Margin (dB)
10	20800	2505	QPSK	1	0	23.13	24.38	33	-8.62
				1	49	23.44	24.69	33	-8.31
				25	12	22.21	23.46	33	-9.54
				50	0	22.19	23.44	33	-9.56
	21100	2535	QPSK	1	0	23.71	24.96	33	-8.04
				1	49	23.78	25.03	33	-7.97
				25	12	22.53	23.78	33	-9.22
				50	0	22.54	23.79	33	-9.21
	21350	2565	QPSK	1	0	23.68	24.93	33	-8.07
				1	49	23.57	24.82	33	-8.18
				25	12	22.70	23.95	33	-9.05
				50	0	22.64	23.89	33	-9.11
	20800	2505	16QAM	1	0	22.20	23.45	33	-9.55
				1	49	22.61	23.86	33	-9.14
				25	12	21.24	22.49	33	-10.51
				50	0	21.33	22.58	33	-10.42
	21100	2535	16QAM	1	0	22.69	23.94	33	-9.06
				1	49	22.76	24.01	33	-8.99
				25	12	21.61	22.86	33	-10.14
				50	0	21.56	22.81	33	-10.19
	21350	2565	16QAM	1	0	22.66	23.91	33	-9.09
				1	49	22.67	23.92	33	-9.08
				25	12	21.66	22.91	33	-10.09
				50	0	21.57	22.82	33	-10.18
	20800	2505	64QAM	1	0	21.19	22.44	33	-10.56
				1	49	21.54	22.79	33	-10.21
				25	12	20.24	21.49	33	-11.51
				50	0	20.32	21.57	33	-11.43
	21100	2535	64QAM	1	0	21.69	22.94	33	-10.06
				1	49	21.76	23.01	33	-9.99
				25	12	20.59	21.84	33	-11.16
				50	0	20.56	21.81	33	-11.19
	21350	2565	64QAM	1	0	21.62	22.87	33	-10.13
				1	49	21.60	22.85	33	-10.15
				25	12	20.58	21.83	33	-11.17
				50	0	20.51	21.76	33	-11.24

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) 1.25

LTE Band 7_Uplink frequency band : 2500 to 2570 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	Avg. Conducted Power Limit (dBm)	Margin (dB)
15	20825	2507.5	QPSK	1	0	23.27	24.52	33	-8.48
				1	74	23.53	24.78	33	-8.22
				36	18	22.23	23.48	33	-9.52
				75	0	22.24	23.49	33	-9.51
	21100	2535	QPSK	1	0	23.74	24.99	33	-8.01
				1	74	23.85	25.10	33	-7.9
				36	18	22.58	23.83	33	-9.17
				75	0	22.73	23.98	33	-9.02
	21375	2562.5	QPSK	1	0	23.86	25.11	33	-7.89
				1	74	23.68	24.93	33	-8.07
				36	18	22.88	24.13	33	-8.87
				75	0	22.77	24.02	33	-8.98
	20825	2507.5	16QAM	1	0	22.36	23.61	33	-9.39
				1	74	22.80	24.05	33	-8.95
				36	18	21.44	22.69	33	-10.31
				75	0	21.41	22.66	33	-10.34
	21100	2535	16QAM	1	0	22.84	24.09	33	-8.91
				1	74	22.83	24.08	33	-8.92
				36	18	21.77	23.02	33	-9.98
				75	0	21.67	22.92	33	-10.08
	21375	2562.5	16QAM	1	0	22.79	24.04	33	-8.96
				1	74	22.85	24.10	33	-8.9
				36	18	21.85	23.10	33	-9.9
				75	0	21.70	22.95	33	-10.05
	20825	2507.5	64QAM	1	0	21.30	22.55	33	-10.45
				1	74	21.78	23.03	33	-9.97
				36	18	20.39	21.64	33	-11.36
				75	0	20.39	21.64	33	-11.36
	21100	2535	64QAM	1	0	21.75	23.00	33	-10
				1	74	21.78	23.03	33	-9.97
				36	18	20.69	21.94	33	-11.06
				75	0	20.57	21.82	33	-11.18
	21375	2562.5	64QAM	1	0	21.76	23.01	33	-9.99
				1	74	21.77	23.02	33	-9.98
				36	18	20.75	22.00	33	-11
				75	0	20.67	21.92	33	-11.08

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) 1.25

LTE Band 7_Uplink frequency band : 2500 to 2570 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	Avg. Conducted Power Limit (dBm)	Margin (dB)
20	20850	2510	QPSK	1	0	23.70	24.95	33	-8.05
				1	99	23.44	24.69	33	-8.31
				50	25	22.38	23.63	33	-9.37
				100	0	22.40	23.65	33	-9.35
	21100	2535	QPSK	1	0	24.00	25.25	33	-7.75
				1	99	23.90	25.15	33	-7.85
				50	25	22.77	24.02	33	-8.98
				100	0	22.80	24.05	33	-8.95
	21350	2560	QPSK	1	0	23.88	25.13	33	-7.87
				1	99	23.97	25.22	33	-7.78
				50	25	22.90	24.15	33	-8.85
				100	0	22.95	24.20	33	-8.8
	20850	2510	16QAM	1	0	22.40	23.65	33	-9.35
				1	99	22.93	24.18	33	-8.82
				50	25	21.49	22.74	33	-10.26
				100	0	21.48	22.73	33	-10.27
	21100	2535	16QAM	1	0	22.88	24.13	33	-8.87
				1	99	22.95	24.20	33	-8.8
				50	25	21.82	23.07	33	-9.93
				100	0	21.86	23.11	33	-9.89
	21350	2560	16QAM	1	0	22.97	24.22	33	-8.78
				1	99	22.96	24.21	33	-8.79
				50	25	21.98	23.23	33	-9.77
				100	0	21.89	23.14	33	-9.86
	20850	2510	64QAM	1	0	21.38	22.63	33	-10.37
				1	99	21.83	23.08	33	-9.92
				50	25	20.44	21.69	33	-11.31
				100	0	20.48	21.73	33	-11.27
	21100	2535	64QAM	1	0	21.85	23.10	33	-9.9
				1	99	21.86	23.11	33	-9.89
				50	25	20.76	22.01	33	-10.99
				100	0	20.81	22.06	33	-10.94
	21350	2560	64QAM	1	0	21.96	23.21	33	-9.79
				1	99	21.96	23.21	33	-9.79
				50	25	20.94	22.19	33	-10.81
				100	0	20.84	22.09	33	-10.91

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -0.63

LTE Band 12_Uplink frequency band : 699 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
1.4	23017	699.7	QPSK	1	0	22.56	19.78	21.93	34.77	-12.84
				1	5	22.66	19.88	22.03	34.77	-12.74
				3	2	22.62	19.84	21.99	34.77	-12.78
				6	0	21.65	18.87	21.02	34.77	-13.75
	23095	707.5	QPSK	1	0	22.95	20.17	22.32	34.77	-12.45
				1	5	22.94	20.16	22.31	34.77	-12.46
				3	2	22.90	20.12	22.27	34.77	-12.5
				6	0	21.93	19.15	21.30	34.77	-13.47
	23173	715.5	QPSK	1	0	23.07	20.29	22.44	34.77	-12.33
				1	5	23.13	20.35	22.50	34.77	-12.27
				3	2	23.00	20.22	22.37	34.77	-12.4
				6	0	22.07	19.29	21.44	34.77	-13.33
	23017	699.7	16QAM	1	0	21.88	19.10	21.25	34.77	-13.52
				1	5	21.93	19.15	21.30	34.77	-13.47
				3	2	21.74	18.96	21.11	34.77	-13.66
				6	0	20.71	17.93	20.08	34.77	-14.69
	23095	707.5	16QAM	1	0	22.19	19.41	21.56	34.77	-13.21
				1	5	22.22	19.44	21.59	34.77	-13.18
				3	2	21.95	19.17	21.32	34.77	-13.45
				6	0	21.01	18.23	20.38	34.77	-14.39
	23173	715.5	16QAM	1	0	22.26	19.48	21.63	34.77	-13.14
				1	5	22.40	19.62	21.77	34.77	-13
				3	2	21.93	19.15	21.30	34.77	-13.47
				6	0	21.12	18.34	20.49	34.77	-14.28
	23017	699.7	64QAM	1	0	20.85	18.07	20.22	34.77	-14.55
				1	5	20.92	18.14	20.29	34.77	-14.48
				3	2	20.72	17.94	20.09	34.77	-14.68
				6	0	19.61	16.83	18.98	34.77	-15.79
	23095	707.5	64QAM	1	0	21.16	18.38	20.53	34.77	-14.24
				1	5	21.17	18.39	20.54	34.77	-14.23
				3	2	20.89	18.11	20.26	34.77	-14.51
				6	0	19.95	17.17	19.32	34.77	-15.45
	23173	715.5	64QAM	1	0	21.20	18.42	20.57	34.77	-14.2
				1	5	21.39	18.61	20.76	34.77	-14.01
				3	2	20.91	18.13	20.28	34.77	-14.49
				6	0	20.02	17.24	19.39	34.77	-15.38

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.

Antenna gain (dBi) -0.63

LTE Band 12_Uplink frequency band : 699 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
3	23025	700.5	QPSK	1	0	22.65	19.87	22.02	34.77	-12.75
				1	14	23.10	20.32	22.47	34.77	-12.3
				8	4	22.03	19.25	21.40	34.77	-13.37
				15	0	21.86	19.08	21.23	34.77	-13.54
	23095	707.5	QPSK	1	0	22.87	20.09	22.24	34.77	-12.53
				1	14	22.93	20.15	22.30	34.77	-12.47
				8	4	21.92	19.14	21.29	34.77	-13.48
				15	0	21.95	19.17	21.32	34.77	-13.45
	23165	714.5	QPSK	1	0	23.02	20.24	22.39	34.77	-12.38
				1	14	23.04	20.26	22.41	34.77	-12.36
				8	4	21.93	19.15	21.30	34.77	-13.47
				15	0	21.99	19.21	21.36	34.77	-13.41
	23025	700.5	16QAM	1	0	21.88	19.10	21.25	34.77	-13.52
				1	14	22.27	19.49	21.64	34.77	-13.13
				8	4	20.94	18.16	20.31	34.77	-14.46
				15	0	20.81	18.03	20.18	34.77	-14.59
	23095	707.5	16QAM	1	0	22.23	19.45	21.60	34.77	-13.17
				1	14	22.23	19.45	21.60	34.77	-13.17
				8	4	20.92	18.14	20.29	34.77	-14.48
				15	0	21.00	18.22	20.37	34.77	-14.4
	23165	714.5	16QAM	1	0	22.26	19.48	21.63	34.77	-13.14
				1	14	22.34	19.56	21.71	34.77	-13.06
				8	4	20.89	18.11	20.26	34.77	-14.51
				15	0	21.14	18.36	20.51	34.77	-14.26
	23025	700.5	64QAM	1	0	20.84	18.06	20.21	34.77	-14.56
				1	14	21.19	18.41	20.56	34.77	-14.21
				8	4	19.85	17.07	19.22	34.77	-15.55
				15	0	19.80	17.02	19.17	34.77	-15.6
	23095	707.5	64QAM	1	0	21.19	18.41	20.56	34.77	-14.21
				1	14	21.20	18.42	20.57	34.77	-14.2
				8	4	19.91	17.13	19.28	34.77	-15.49
				15	0	19.92	17.14	19.29	34.77	-15.48
	23165	714.5	64QAM	1	0	21.19	18.41	20.56	34.77	-14.21
				1	14	21.31	18.53	20.68	34.77	-14.09
				8	4	19.85	17.07	19.22	34.77	-15.55
				15	0	20.06	17.28	19.43	34.77	-15.34

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -0.63

LTE Band 12_Uplink frequency band : 699 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	23035	701.5	QPSK	1	0	22.79	20.01	22.16	34.77	-12.61
				1	24	23.19	20.41	22.56	34.77	-12.21
				12	6	22.08	19.30	21.45	34.77	-13.32
				25	0	21.92	19.14	21.29	34.77	-13.48
	23095	707.5	QPSK	1	0	22.99	20.21	22.36	34.77	-12.41
				1	24	23.11	20.33	22.48	34.77	-12.29
				12	6	22.08	19.30	21.45	34.77	-13.32
				25	0	21.99	19.21	21.36	34.77	-13.41
	23155	713.5	QPSK	1	0	23.08	20.30	22.45	34.77	-12.32
				1	24	23.19	20.41	22.56	34.77	-12.21
				12	6	22.07	19.29	21.44	34.77	-13.33
				25	0	22.12	19.34	21.49	34.77	-13.28
	23035	701.5	16QAM	1	0	21.99	19.21	21.36	34.77	-13.41
				1	24	22.42	19.64	21.79	34.77	-12.98
				12	6	21.15	18.37	20.52	34.77	-14.25
				25	0	20.97	18.19	20.34	34.77	-14.43
	23095	707.5	16QAM	1	0	22.30	19.52	21.67	34.77	-13.1
				1	24	22.38	19.60	21.75	34.77	-13.02
				12	6	21.13	18.35	20.50	34.77	-14.27
				25	0	21.13	18.35	20.50	34.77	-14.27
	23155	713.5	16QAM	1	0	22.34	19.56	21.71	34.77	-13.06
				1	24	22.50	19.72	21.87	34.77	-12.9
				12	6	21.09	18.31	20.46	34.77	-14.31
				25	0	21.24	18.46	20.61	34.77	-14.16
	23035	701.5	64QAM	1	0	20.92	18.14	20.29	34.77	-14.48
				1	24	21.42	18.64	20.79	34.77	-13.98
				12	6	20.14	17.36	19.51	34.77	-15.26
				25	0	19.96	17.18	19.33	34.77	-15.44
	23095	707.5	64QAM	1	0	21.25	18.47	20.62	34.77	-14.15
				1	24	21.37	18.59	20.74	34.77	-14.03
				12	6	20.06	17.28	19.43	34.77	-15.34
				25	0	20.10	17.32	19.47	34.77	-15.3
	23155	713.5	64QAM	1	0	21.24	18.46	20.61	34.77	-14.16
				1	24	21.49	18.71	20.86	34.77	-13.91
				12	6	20.02	17.24	19.39	34.77	-15.38
				25	0	20.23	17.45	19.60	34.77	-15.17

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -0.63

LTE Band 12_Uplink frequency band : 699 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	23060	704	QPSK	1	0	23.22	20.44	22.59	34.77	-12.18
				1	49	22.81	20.03	22.18	34.77	-12.59
				25	12	22.10	19.32	21.47	34.77	-13.3
				50	0	22.06	19.28	21.43	34.77	-13.34
	23095	707.5	QPSK	1	0	23.28	20.50	22.65	34.77	-12.12
				1	49	23.01	20.23	22.38	34.77	-12.39
				25	12	22.16	19.38	21.53	34.77	-13.24
				50	0	22.16	19.38	21.53	34.77	-13.24
	23130	711	QPSK	1	0	23.39	20.61	22.76	34.77	-12.01
				1	49	23.14	20.36	22.51	34.77	-12.26
				25	12	22.16	19.38	21.53	34.77	-13.24
				50	0	22.22	19.44	21.59	34.77	-13.18
	23060	704	16QAM	1	0	22.05	19.27	21.42	34.77	-13.35
				1	49	22.51	19.73	21.88	34.77	-12.89
				25	12	21.17	18.39	20.54	34.77	-14.23
				50	0	21.13	18.35	20.50	34.77	-14.27
	23095	707.5	16QAM	1	0	22.35	19.57	21.72	34.77	-13.05
				1	49	22.59	19.81	21.96	34.77	-12.81
				25	12	21.29	18.51	20.66	34.77	-14.11
				50	0	21.21	18.43	20.58	34.77	-14.19
	23130	711	16QAM	1	0	22.39	19.61	21.76	34.77	-13.01
				1	49	22.57	19.79	21.94	34.77	-12.83
				25	12	21.28	18.50	20.65	34.77	-14.12
				50	0	21.29	18.51	20.66	34.77	-14.11
	23060	704	64QAM	1	0	21.00	18.22	20.37	34.77	-14.4
				1	49	21.48	18.70	20.85	34.77	-13.92
				25	12	20.10	17.32	19.47	34.77	-15.3
				50	0	20.04	17.26	19.41	34.77	-15.36
	23095	707.5	64QAM	1	0	21.27	18.49	20.64	34.77	-14.13
				1	49	21.59	18.81	20.96	34.77	-13.81
				25	12	20.21	17.43	19.58	34.77	-15.19
				50	0	20.17	17.39	19.54	34.77	-15.23
	23130	711	64QAM	1	0	21.37	18.59	20.74	34.77	-14.03
				1	49	21.47	18.69	20.84	34.77	-13.93
				25	12	20.26	17.48	19.63	34.77	-15.14
				50	0	20.28	17.50	19.65	34.77	-15.12

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) 0.01

LTE Band 13_Uplink frequency band : 777 to 787 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	23205	779.5	QPSK	1	0	23.22	21.08	23.23	34.77	-11.54
				1	24	23.54	21.40	23.55	34.77	-11.22
				12	6	22.36	20.22	22.37	34.77	-12.4
				25	0	22.38	20.24	22.39	34.77	-12.38
	23230	782	QPSK	1	0	23.39	21.25	23.40	34.77	-11.37
				1	24	23.67	21.53	23.68	34.77	-11.09
				12	6	22.45	20.31	22.46	34.77	-12.31
				25	0	22.55	20.41	22.56	34.77	-12.21
	23255	784.5	QPSK	1	0	23.59	21.45	23.60	34.77	-11.17
				1	24	23.63	21.49	23.64	34.77	-11.13
				12	6	22.62	20.48	22.63	34.77	-12.14
				25	0	22.63	20.49	22.64	34.77	-12.13
	23205	779.5	16QAM	1	0	22.44	20.30	22.45	34.77	-12.32
				1	24	22.80	20.66	22.81	34.77	-11.96
				12	6	21.50	19.36	21.51	34.77	-13.26
				25	0	21.47	19.33	21.48	34.77	-13.29
	23230	782	16QAM	1	0	22.77	20.63	22.78	34.77	-11.99
				1	24	22.93	20.79	22.94	34.77	-11.83
				12	6	21.53	19.39	21.54	34.77	-13.23
				25	0	21.59	19.45	21.60	34.77	-13.17
	23255	784.5	16QAM	1	0	22.84	20.70	22.85	34.77	-11.92
				1	24	22.99	20.85	23.00	34.77	-11.77
				12	6	21.60	19.46	21.61	34.77	-13.16
				25	0	21.63	19.49	21.64	34.77	-13.13
	23205	779.5	64QAM	1	0	21.38	19.24	21.39	34.77	-13.38
				1	24	21.70	19.56	21.71	34.77	-13.06
				12	6	20.40	18.26	20.41	34.77	-14.36
				25	0	20.39	18.25	20.40	34.77	-14.37
	23230	782	64QAM	1	0	21.76	19.62	21.77	34.77	-13
				1	24	21.89	19.75	21.90	34.77	-12.87
				12	6	20.47	18.33	20.48	34.77	-14.29
				25	0	20.56	18.42	20.57	34.77	-14.2
	23255	784.5	64QAM	1	0	21.77	19.63	21.78	34.77	-12.99
				1	24	21.99	19.85	22.00	34.77	-12.77
				12	6	20.60	18.46	20.61	34.77	-14.16
				25	0	20.63	18.49	20.64	34.77	-14.13

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.

Antenna gain (dBi) 0.01

LTE Band 13_Uplink frequency band : 777 to 787 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	23230	782	QPSK	1	0	23.33	21.19	23.34	34.77	-11.43
				1	49	23.74	21.60	23.75	34.77	-11.02
				25	12	22.62	20.48	22.63	34.77	-12.14
				50	0	22.69	20.55	22.70	34.77	-12.07
	23230	782	16QAM	1	0	22.65	20.51	22.66	34.77	-12.11
				1	49	22.95	20.81	22.96	34.77	-11.81
				25	12	21.76	19.62	21.77	34.77	-13
				50	0	21.76	19.62	21.77	34.77	-13
	23230	782	64QAM	1	0	21.57	19.43	21.58	34.77	-13.19
				1	49	21.86	19.72	21.87	34.77	-12.9
				25	12	20.68	18.54	20.69	34.77	-14.08
				50	0	20.71	18.57	20.72	34.77	-14.05

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -0.5

LTE Band 14_Uplink frequency band : 788 to 798 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	23305	790.5	QPSK	1	0	23.57	21.43	23.58	34.77	-11.19
				1	24	23.67	21.53	23.68	34.77	-11.09
				12	6	22.63	20.49	22.64	34.77	-12.13
				25	0	22.64	20.50	22.65	34.77	-12.12
	23330	793	QPSK	1	0	23.69	21.55	23.70	34.77	-11.07
				1	24	23.78	21.64	23.79	34.77	-10.98
				12	6	22.71	20.57	22.72	34.77	-12.05
				25	0	22.72	20.58	22.73	34.77	-12.04
	23355	795.5	QPSK	1	0	23.73	21.59	23.74	34.77	-11.03
				1	24	23.76	21.62	23.77	34.77	-11
				12	6	22.77	20.63	22.78	34.77	-11.99
				25	0	22.79	20.65	22.80	34.77	-11.97
	23305	790.5	16QAM	1	0	22.84	20.70	22.85	34.77	-11.92
				1	24	22.86	20.72	22.87	34.77	-11.9
				12	6	21.67	19.53	21.68	34.77	-13.09
				25	0	21.65	19.51	21.66	34.77	-13.11
	23330	793	16QAM	1	0	22.91	20.77	22.92	34.77	-11.85
				1	24	23.00	20.86	23.01	34.77	-11.76
				12	6	21.71	19.57	21.72	34.77	-13.05
				25	0	21.70	19.56	21.71	34.77	-13.06
	23355	795.5	16QAM	1	0	22.90	20.76	22.91	34.77	-11.86
				1	24	22.99	20.85	23.00	34.77	-11.77
				12	6	21.82	19.68	21.83	34.77	-12.94
				25	0	21.78	19.64	21.79	34.77	-12.98
	23305	790.5	64QAM	1	0	21.84	19.70	21.85	34.77	-12.92
				1	24	21.76	19.62	21.77	34.77	-13
				12	6	20.67	18.53	20.68	34.77	-14.09
				25	0	20.61	18.47	20.62	34.77	-14.15
	23330	793	64QAM	1	0	21.85	19.71	21.86	34.77	-12.91
				1	24	21.97	19.83	21.98	34.77	-12.79
				12	6	20.70	18.56	20.71	34.77	-14.06
				25	0	20.62	18.48	20.63	34.77	-14.14
	23355	795.5	64QAM	1	0	21.90	19.76	21.91	34.77	-12.86
				1	24	21.93	19.79	21.94	34.77	-12.83
				12	6	20.72	18.58	20.73	34.77	-14.04
				25	0	20.68	18.54	20.69	34.77	-14.08

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -0.5

LTE Band 14_Uplink frequency band : 788 to 798 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	23330	793	QPSK	1	0	23.63	21.49	23.64	34.77	-11.13
				1	49	23.82	21.68	23.83	34.77	-10.94
				25	12	22.84	20.70	22.85	34.77	-11.92
				50	0	22.78	20.64	22.79	34.77	-11.98
	23330	793	16QAM	1	0	22.92	20.78	22.93	34.77	-11.84
				1	49	22.94	20.80	22.95	34.77	-11.82
				25	12	21.91	19.77	21.92	34.77	-12.85
				50	0	21.88	19.74	21.89	34.77	-12.88
	23330	793	64QAM	1	0	21.56	19.42	21.57	34.77	-13.2
				1	49	21.93	19.79	21.94	34.77	-12.83
				25	12	20.67	18.53	20.68	34.77	-14.09
				50	0	20.73	18.59	20.74	34.77	-14.03

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.

Antenna gain (dBi) -0.97

LTE Band 17_Uplink frequency band : 704 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	23755	706.5	QPSK	1	0	22.98	19.86	22.01	34.77	-12.76
				1	24	23.02	19.90	22.05	34.77	-12.72
				12	6	22.18	19.06	21.21	34.77	-13.56
				25	0	22.17	19.05	21.20	34.77	-13.57
	23790	710	QPSK	1	0	23.03	19.91	22.06	34.77	-12.71
				1	24	23.13	20.01	22.16	34.77	-12.61
				12	6	22.07	18.95	21.10	34.77	-13.67
				25	0	22.14	19.02	21.17	34.77	-13.6
	23825	713.5	QPSK	1	0	23.07	19.95	22.10	34.77	-12.67
				1	24	23.34	20.22	22.37	34.77	-12.4
				12	6	22.20	19.08	21.23	34.77	-13.54
				25	0	22.22	19.10	21.25	34.77	-13.52
	23755	706.5	16QAM	1	0	22.26	19.14	21.29	34.77	-13.48
				1	24	22.37	19.25	21.40	34.77	-13.37
				12	6	21.26	18.14	20.29	34.77	-14.48
				25	0	21.28	18.16	20.31	34.77	-14.46
	23790	710	16QAM	1	0	22.36	19.24	21.39	34.77	-13.38
				1	24	22.41	19.29	21.44	34.77	-13.33
				12	6	21.16	18.04	20.19	34.77	-14.58
				25	0	21.25	18.13	20.28	34.77	-14.49
	23825	713.5	16QAM	1	0	22.37	19.25	21.40	34.77	-13.37
				1	24	22.60	19.48	21.63	34.77	-13.14
				12	6	21.28	18.16	20.31	34.77	-14.46
				25	0	21.30	18.18	20.33	34.77	-14.44
	23755	706.5	64QAM	1	0	21.12	18.00	20.15	34.77	-14.62
				1	24	21.48	18.36	20.51	34.77	-14.26
				12	6	19.99	16.87	19.02	34.77	-15.75
				25	0	20.11	16.99	19.14	34.77	-15.63
	23790	710	64QAM	1	0	21.24	18.12	20.27	34.77	-14.5
				1	24	21.38	18.26	20.41	34.77	-14.36
				12	6	20.18	17.06	19.21	34.77	-15.56
				25	0	20.20	17.08	19.23	34.77	-15.54
	23825	713.5	64QAM	1	0	21.44	18.32	20.47	34.77	-14.3
				1	24	21.43	18.31	20.46	34.77	-14.31
				12	6	20.20	17.08	19.23	34.77	-15.54
				25	0	20.17	17.05	19.20	34.77	-15.57

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -0.97

LTE Band 17_Uplink frequency band : 704 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	23780	709	QPSK	1	0	23.27	20.15	22.30	34.77	-12.47
				1	49	23.01	19.89	22.04	34.77	-12.73
				25	12	22.03	18.91	21.06	34.77	-13.71
				50	0	22.10	18.98	21.13	34.77	-13.64
	23790	710	QPSK	1	0	23.30	20.18	22.33	34.77	-12.44
				1	49	22.98	19.86	22.01	34.77	-12.76
				25	12	22.08	18.96	21.11	34.77	-13.66
				50	0	22.15	19.03	21.18	34.77	-13.59
	23800	711	QPSK	1	0	23.38	20.26	22.41	34.77	-12.36
				1	49	23.10	19.98	22.13	34.77	-12.64
				25	12	22.13	19.01	21.16	34.77	-13.61
				50	0	22.20	19.08	21.23	34.77	-13.54
	23780	709	16QAM	1	0	22.30	19.18	21.33	34.77	-13.44
				1	49	22.49	19.37	21.52	34.77	-13.25
				25	12	21.14	18.02	20.17	34.77	-14.6
				50	0	21.15	18.03	20.18	34.77	-14.59
	23790	710	16QAM	1	0	22.34	19.22	21.37	34.77	-13.4
				1	49	22.51	19.39	21.54	34.77	-13.23
				25	12	21.21	18.09	20.24	34.77	-14.53
				50	0	21.22	18.10	20.25	34.77	-14.52
	23800	711	16QAM	1	0	22.47	19.35	21.50	34.77	-13.27
				1	49	22.58	19.46	21.61	34.77	-13.16
				25	12	21.25	18.13	20.28	34.77	-14.49
				50	0	21.25	18.13	20.28	34.77	-14.49
	23780	709	64QAM	1	0	21.20	18.08	20.23	34.77	-14.54
				1	49	21.49	18.37	20.52	34.77	-14.25
				25	12	20.04	16.92	19.07	34.77	-15.7
				50	0	20.11	16.99	19.14	34.77	-15.63
	23790	710	64QAM	1	0	21.24	18.12	20.27	34.77	-14.5
				1	49	21.42	18.30	20.45	34.77	-14.32
				25	12	20.19	17.07	19.22	34.77	-15.55
				50	0	20.20	17.08	19.23	34.77	-15.54
	23800	711	64QAM	1	0	21.47	18.35	20.50	34.77	-14.27
				1	49	21.51	18.39	20.54	34.77	-14.23
				25	12	20.22	17.10	19.25	34.77	-15.52
				50	0	20.17	17.05	19.20	34.77	-15.57

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) 0.97

LTE Band 25_Uplink frequency band : 1850 to 1915 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
1.4	26047	1850.7	QPSK	1	0	23.14	24.11	33	-8.89
				1	5	23.21	24.18	33	-8.82
				3	2	23.09	24.06	33	-8.94
				6	0	22.10	23.07	33	-9.93
	26365	1882.5	QPSK	1	0	23.45	24.42	33	-8.58
				1	5	23.47	24.44	33	-8.56
				3	2	23.39	24.36	33	-8.64
				6	0	22.36	23.33	33	-9.67
	26683	1914.3	QPSK	1	0	23.23	24.20	33	-8.8
				1	5	23.21	24.18	33	-8.82
				3	2	23.09	24.06	33	-8.94
				6	0	22.10	23.07	33	-9.93
	26047	1850.7	16QAM	1	0	22.45	23.42	33	-9.58
				1	5	22.55	23.52	33	-9.48
				3	2	22.16	23.13	33	-9.87
				6	0	21.10	22.07	33	-10.93
	26365	1882.5	16QAM	1	0	22.75	23.72	33	-9.28
				1	5	22.65	23.62	33	-9.38
				3	2	22.45	23.42	33	-9.58
				6	0	21.41	22.38	33	-10.62
	26683	1914.3	16QAM	1	0	22.44	23.41	33	-9.59
				1	5	22.45	23.42	33	-9.58
				3	2	22.10	23.07	33	-9.93
				6	0	21.07	22.04	33	-10.96
	26047	1850.7	64QAM	1	0	21.55	22.52	33	-10.48
				1	5	21.51	22.48	33	-10.52
				3	2	21.43	22.40	33	-10.6
				6	0	20.37	21.34	33	-11.66
	26365	1882.5	64QAM	1	0	21.34	22.31	33	-10.69
				1	5	21.41	22.38	33	-10.62
				3	2	21.50	22.47	33	-10.53
				6	0	20.48	21.45	33	-11.55
	26683	1914.3	64QAM	1	0	21.30	22.27	33	-10.73
				1	5	21.51	22.48	33	-10.52
				3	2	21.31	22.28	33	-10.72
				6	0	20.36	21.33	33	-11.67

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) 0.97

LTE Band 25_Uplink frequency band : 1850 to 1915 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
3	26055	1851.5	QPSK	1	0	23.10	24.07	33	-8.93
				1	14	23.24	24.21	33	-8.79
				8	4	22.09	23.06	33	-9.94
				15	0	22.11	23.08	33	-9.92
	26365	1882.5	QPSK	1	0	23.37	24.34	33	-8.66
				1	14	23.46	24.43	33	-8.57
				8	4	22.35	23.32	33	-9.68
				15	0	22.36	23.33	33	-9.67
	26675	1913.5	QPSK	1	0	23.04	24.01	33	-8.99
				1	14	23.11	24.08	33	-8.92
				8	4	22.08	23.05	33	-9.95
				15	0	22.12	23.09	33	-9.91
	26055	1851.5	16QAM	1	0	22.47	23.44	33	-9.56
				1	14	22.52	23.49	33	-9.51
				8	4	21.07	22.04	33	-10.96
				15	0	21.08	22.05	33	-10.95
	26365	1882.5	16QAM	1	0	22.55	23.52	33	-9.48
				1	14	22.70	23.67	33	-9.33
				8	4	21.33	22.30	33	-10.7
				15	0	21.27	22.24	33	-10.76
	26675	1913.5	16QAM	1	0	22.19	23.16	33	-9.84
				1	14	22.32	23.29	33	-9.71
				8	4	21.04	22.01	33	-10.99
				15	0	21.03	22.00	33	-11
	26055	1851.5	64QAM	1	0	21.60	22.57	33	-10.43
				1	14	21.48	22.45	33	-10.55
				8	4	20.38	21.35	33	-11.65
				15	0	20.41	21.38	33	-11.62
	26365	1882.5	64QAM	1	0	21.42	22.39	33	-10.61
				1	14	21.36	22.33	33	-10.67
				8	4	20.51	21.48	33	-11.52
				15	0	20.48	21.45	33	-11.55
	26675	1913.5	64QAM	1	0	21.34	22.31	33	-10.69
				1	14	21.52	22.49	33	-10.51
				8	4	20.28	21.25	33	-11.75
				15	0	20.29	21.26	33	-11.74

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

LTE Band 25_Uplink frequency band : 1850 to 1915 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	26065	1852.5	QPSK	1	0	23.22	24.19	33	-8.81
				1	24	23.36	24.33	33	-8.67
				12	6	22.29	23.26	33	-9.74
				25	0	22.29	23.26	33	-9.74
	26365	1882.5	QPSK	1	0	23.48	24.45	33	-8.55
				1	24	23.51	24.48	33	-8.52
				12	6	22.46	23.43	33	-9.57
				25	0	22.46	23.43	33	-9.57
	26665	1912.5	QPSK	1	0	23.08	24.05	33	-8.95
				1	24	23.28	24.25	33	-8.75
				12	6	22.15	23.12	33	-9.88
				25	0	22.18	23.15	33	-9.85
	26065	1852.5	16QAM	1	0	22.51	23.48	33	-9.52
				1	24	22.66	23.63	33	-9.37
				12	6	21.31	22.28	33	-10.72
				25	0	21.30	22.27	33	-10.73
	26365	1882.5	16QAM	1	0	22.85	23.82	33	-9.18
				1	24	22.73	23.70	33	-9.3
				12	6	21.47	22.44	33	-10.56
				25	0	21.45	22.42	33	-10.58
	26665	1912.5	16QAM	1	0	22.31	23.28	33	-9.72
				1	24	22.46	23.43	33	-9.57
				12	6	21.12	22.09	33	-10.91
				25	0	21.15	22.12	33	-10.88
	26065	1852.5	64QAM	1	0	21.53	22.50	33	-10.5
				1	24	21.43	22.40	33	-10.6
				12	6	20.44	21.41	33	-11.59
				25	0	20.40	21.37	33	-11.63
	26365	1882.5	64QAM	1	0	21.40	22.37	33	-10.63
				1	24	21.34	22.31	33	-10.69
				12	6	20.48	21.45	33	-11.55
				25	0	20.48	21.45	33	-11.55
	26665	1912.5	64QAM	1	0	21.28	22.25	33	-10.75
				1	24	21.55	22.52	33	-10.48
				12	6	20.28	21.25	33	-11.75
				25	0	20.37	21.34	33	-11.66

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.

LTE Band 25_Uplink frequency band : 1850 to 1915 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	26090	1855	QPSK	1	0	23.22	24.19	33	-8.81
				1	49	23.44	24.41	33	-8.59
				25	12	22.49	23.46	33	-9.54
				50	0	22.46	23.43	33	-9.57
	26365	1882.5	QPSK	1	0	23.40	24.37	33	-8.63
				1	49	23.55	24.52	33	-8.48
				25	12	22.61	23.58	33	-9.42
				50	0	22.59	23.56	33	-9.44
	26640	1910	QPSK	1	0	23.39	24.36	33	-8.64
				1	49	23.30	24.27	33	-8.73
				25	12	22.30	23.27	33	-9.73
				50	0	22.36	23.33	33	-9.67
	26090	1855	16QAM	1	0	22.56	23.53	33	-9.47
				1	49	22.70	23.67	33	-9.33
				25	12	21.59	22.56	33	-10.44
				50	0	21.54	22.51	33	-10.49
	26365	1882.5	16QAM	1	0	22.76	23.73	33	-9.27
				1	49	22.73	23.70	33	-9.3
				25	12	21.68	22.65	33	-10.35
				50	0	21.63	22.60	33	-10.4
	26640	1910	16QAM	1	0	22.71	23.68	33	-9.32
				1	49	22.55	23.52	33	-9.48
				25	12	21.39	22.36	33	-10.64
				50	0	21.42	22.39	33	-10.61
	26090	1855	64QAM	1	0	21.59	22.56	33	-10.44
				1	49	21.48	22.45	33	-10.55
				25	12	20.44	21.41	33	-11.59
				50	0	20.37	21.34	33	-11.66
	26365	1882.5	64QAM	1	0	21.37	22.34	33	-10.66
				1	49	21.35	22.32	33	-10.68
				25	12	20.53	21.50	33	-11.5
				50	0	20.50	21.47	33	-11.53
	26640	1910	64QAM	1	0	21.31	22.28	33	-10.72
				1	49	21.53	22.50	33	-10.5
				25	12	20.35	21.32	33	-11.68
				50	0	20.35	21.32	33	-11.68

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

LTE Band 25_Uplink frequency band : 1850 to 1915 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	26115	1857.5	QPSK	1	0	23.22	24.19	33	-8.81
				1	74	23.24	24.21	33	-8.79
				36	18	22.50	23.47	33	-9.53
				75	0	22.47	23.44	33	-9.56
	26365	1882.5	QPSK	1	0	23.22	24.19	33	-8.81
				1	74	23.33	24.30	33	-8.7
				36	18	22.57	23.54	33	-9.46
				75	0	22.54	23.51	33	-9.49
	26615	1907.5	QPSK	1	0	23.26	24.23	33	-8.77
				1	74	23.29	24.26	33	-8.74
				36	18	22.42	23.39	33	-9.61
				75	0	22.42	23.39	33	-9.61
	26115	1857.5	16QAM	1	0	22.51	23.48	33	-9.52
				1	74	22.64	23.61	33	-9.39
				36	18	21.59	22.56	33	-10.44
				75	0	21.54	22.51	33	-10.49
	26365	1882.5	16QAM	1	0	22.60	23.57	33	-9.43
				1	74	22.63	23.60	33	-9.4
				36	18	21.63	22.60	33	-10.4
				75	0	21.59	22.56	33	-10.44
	26615	1907.5	16QAM	1	0	22.57	23.54	33	-9.46
				1	74	22.56	23.53	33	-9.47
				36	18	21.47	22.44	33	-10.56
				75	0	21.44	22.41	33	-10.59
	26115	1857.5	64QAM	1	0	21.58	22.55	33	-10.45
				1	74	21.45	22.42	33	-10.58
				36	18	20.43	21.40	33	-11.6
				75	0	20.35	21.32	33	-11.68
	26365	1882.5	64QAM	1	0	21.35	22.32	33	-10.68
				1	74	21.43	22.40	33	-10.6
				36	18	20.54	21.51	33	-11.49
				75	0	20.46	21.43	33	-11.57
	26615	1907.5	64QAM	1	0	21.31	22.28	33	-10.72
				1	74	21.48	22.45	33	-10.55
				36	18	20.33	21.30	33	-11.7
				75	0	20.31	21.28	33	-11.72

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

LTE Band 25_Uplink frequency band : 1850 to 1915 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	26140	1860	QPSK	1	0	23.18	24.15	33	-8.85
				1	99	23.26	24.23	33	-8.77
				50	25	22.40	23.37	33	-9.63
				100	0	22.41	23.38	33	-9.62
	26365	1882.5	QPSK	1	0	23.26	24.23	33	-8.77
				1	99	23.20	24.17	33	-8.83
				50	25	22.50	23.47	33	-9.53
				100	0	22.48	23.45	33	-9.55
	26590	1905	QPSK	1	0	23.11	24.08	33	-8.92
				1	99	23.29	24.26	33	-8.74
				50	25	22.39	23.36	33	-9.64
				100	0	22.41	23.38	33	-9.62
	26140	1860	16QAM	1	0	22.63	23.60	33	-9.4
				1	99	22.56	23.53	33	-9.47
				50	25	21.50	22.47	33	-10.53
				100	0	21.48	22.45	33	-10.55
	26365	1882.5	16QAM	1	0	22.50	23.47	33	-9.53
				1	99	22.52	23.49	33	-9.51
				50	25	21.54	22.51	33	-10.49
				100	0	21.56	22.53	33	-10.47
	26590	1905	16QAM	1	0	22.45	23.42	33	-9.58
				1	99	22.60	23.57	33	-9.43
				50	25	21.43	22.40	33	-10.6
				100	0	21.43	22.40	33	-10.6
	26140	1860	64QAM	1	0	21.63	22.60	33	-10.4
				1	99	21.53	22.50	33	-10.5
				50	25	20.45	21.42	33	-11.58
				100	0	20.43	21.40	33	-11.6
	26365	1882.5	64QAM	1	0	21.43	22.40	33	-10.6
				1	99	21.43	22.40	33	-10.6
				50	25	20.54	21.51	33	-11.49
				100	0	20.53	21.50	33	-11.5
	26590	1905	64QAM	1	0	21.38	22.35	33	-10.65
				1	99	21.55	22.52	33	-10.48
				50	25	20.37	21.34	33	-11.66
				100	0	20.37	21.34	33	-11.66

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.

Antenna gain (dBi) -1.77

LTE Band 26_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
1.4	26797	824.7	QPSK	1	0	23.43	19.51	21.66	38.45	-16.79
				1	5	23.49	19.57	21.72	38.45	-16.73
				3	2	23.40	19.48	21.63	38.45	-16.82
				6	0	22.42	18.50	20.65	38.45	-17.8
	26915	836.5	QPSK	1	0	23.50	19.58	21.73	38.45	-16.72
				1	5	23.52	19.60	21.75	38.45	-16.7
				3	2	23.48	19.56	21.71	38.45	-16.74
				6	0	22.51	18.59	20.74	38.45	-17.71
	27033	848.3	QPSK	1	0	23.61	19.69	21.84	38.45	-16.61
				1	5	23.51	19.59	21.74	38.45	-16.71
				3	2	23.52	19.60	21.75	38.45	-16.7
				6	0	22.57	18.65	20.80	38.45	-17.65
	26797	824.7	16QAM	1	0	22.78	18.86	21.01	38.45	-17.44
				1	5	22.79	18.87	21.02	38.45	-17.43
				3	2	22.50	18.58	20.73	38.45	-17.72
				6	0	21.49	17.57	19.72	38.45	-18.73
	26915	836.5	16QAM	1	0	22.78	18.86	21.01	38.45	-17.44
				1	5	22.82	18.90	21.05	38.45	-17.4
				3	2	22.60	18.68	20.83	38.45	-17.62
				6	0	21.57	17.65	19.80	38.45	-18.65
	27033	848.3	16QAM	1	0	22.87	18.95	21.10	38.45	-17.35
				1	5	22.74	18.82	20.97	38.45	-17.48
				3	2	22.53	18.61	20.76	38.45	-17.69
				6	0	21.56	17.64	19.79	38.45	-18.66
	26797	824.7	64QAM	1	0	21.74	17.82	19.97	38.45	-18.48
				1	5	21.79	17.87	20.02	38.45	-18.43
				3	2	21.47	17.55	19.70	38.45	-18.75
				6	0	20.45	16.53	18.68	38.45	-19.77
	26915	836.5	64QAM	1	0	21.78	17.86	20.01	38.45	-18.44
				1	5	21.79	17.87	20.02	38.45	-18.43
				3	2	21.57	17.65	19.80	38.45	-18.65
				6	0	20.54	16.62	18.77	38.45	-19.68
	27033	848.3	64QAM	1	0	21.86	17.94	20.09	38.45	-18.36
				1	5	21.71	17.79	19.94	38.45	-18.51
				3	2	21.51	17.59	19.74	38.45	-18.71
				6	0	20.55	16.63	18.78	38.45	-19.67

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -1.77

LTE Band 26_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
3	26805	825.5	QPSK	1	0	23.11	19.19	21.34	38.45	-17.11
				1	14	23.05	19.13	21.28	38.45	-17.17
				8	4	22.12	18.20	20.35	38.45	-18.1
				15	0	22.16	18.24	20.39	38.45	-18.06
	26915	836.5	QPSK	1	0	23.01	19.09	21.24	38.45	-17.21
				1	14	23.10	19.18	21.33	38.45	-17.12
				8	4	22.20	18.28	20.43	38.45	-18.02
				15	0	22.25	18.33	20.48	38.45	-17.97
	27025	847.5	QPSK	1	0	23.02	19.10	21.25	38.45	-17.2
				1	14	23.43	19.51	21.66	38.45	-16.79
				8	4	22.10	18.18	20.33	38.45	-18.12
				15	0	22.17	18.25	20.40	38.45	-18.05
	26805	825.5	16QAM	1	0	22.41	18.49	20.64	38.45	-17.81
				1	14	22.60	18.68	20.83	38.45	-17.62
				8	4	21.12	17.20	19.35	38.45	-19.1
				15	0	21.04	17.12	19.27	38.45	-19.18
	26915	836.5	16QAM	1	0	22.53	18.61	20.76	38.45	-17.69
				1	14	22.53	18.61	20.76	38.45	-17.69
				8	4	21.29	17.37	19.52	38.45	-18.93
				15	0	21.24	17.32	19.47	38.45	-18.98
	27025	847.5	16QAM	1	0	22.28	18.36	20.51	38.45	-17.94
				1	14	22.37	18.45	20.60	38.45	-17.85
				8	4	21.04	17.12	19.27	38.45	-19.18
				15	0	21.18	17.26	19.41	38.45	-19.04
	26805	825.5	64QAM	1	0	21.76	17.84	19.99	38.45	-18.46
				1	14	21.87	17.95	20.10	38.45	-18.35
				8	4	20.49	16.57	18.72	38.45	-19.73
				15	0	20.53	16.61	18.76	38.45	-19.69
	26915	836.5	64QAM	1	0	21.65	17.73	19.88	38.45	-18.57
				1	14	21.76	17.84	19.99	38.45	-18.46
				8	4	20.56	16.64	18.79	38.45	-19.66
				15	0	20.56	16.64	18.79	38.45	-19.66
	27025	847.5	64QAM	1	0	21.74	17.82	19.97	38.45	-18.48
				1	14	21.74	17.82	19.97	38.45	-18.48
				8	4	20.44	16.52	18.67	38.45	-19.78
				15	0	20.47	16.55	18.70	38.45	-19.75

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -1.77

LTE Band 26_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	26815	826.5	QPSK	1	0	23.30	19.38	21.53	38.45	-16.92
				1	24	23.19	19.27	21.42	38.45	-17.03
				12	6	22.30	18.38	20.53	38.45	-17.92
				25	0	22.25	18.33	20.48	38.45	-17.97
	26915	836.5	QPSK	1	0	23.09	19.17	21.32	38.45	-17.13
				1	24	23.24	19.32	21.47	38.45	-16.98
				12	6	22.28	18.36	20.51	38.45	-17.94
				25	0	22.27	18.35	20.50	38.45	-17.95
	27015	846.5	QPSK	1	0	23.15	19.23	21.38	38.45	-17.07
				1	24	23.50	19.58	21.73	38.45	-16.72
				12	6	22.12	18.20	20.35	38.45	-18.1
				25	0	22.28	18.36	20.51	38.45	-17.94
	26815	826.5	16QAM	1	0	22.60	18.68	20.83	38.45	-17.62
				1	24	22.70	18.78	20.93	38.45	-17.52
				12	6	21.28	17.36	19.51	38.45	-18.94
				25	0	21.25	17.33	19.48	38.45	-18.97
	26915	836.5	16QAM	1	0	22.55	18.63	20.78	38.45	-17.67
				1	24	22.56	18.64	20.79	38.45	-17.66
				12	6	21.34	17.42	19.57	38.45	-18.88
				25	0	21.26	17.34	19.49	38.45	-18.96
	27015	846.5	16QAM	1	0	22.47	18.55	20.70	38.45	-17.75
				1	24	22.54	18.62	20.77	38.45	-17.68
				12	6	21.20	17.28	19.43	38.45	-19.02
				25	0	21.24	17.32	19.47	38.45	-18.98
	26815	826.5	64QAM	1	0	21.75	17.83	19.98	38.45	-18.47
				1	24	21.84	17.92	20.07	38.45	-18.38
				12	6	20.54	16.62	18.77	38.45	-19.68
				25	0	20.49	16.57	18.72	38.45	-19.73
	26915	836.5	64QAM	1	0	21.64	17.72	19.87	38.45	-18.58
				1	24	21.83	17.91	20.06	38.45	-18.39
				12	6	20.52	16.60	18.75	38.45	-19.7
				25	0	20.55	16.63	18.78	38.45	-19.67
	27015	846.5	64QAM	1	0	21.74	17.82	19.97	38.45	-18.48
				1	24	21.75	17.83	19.98	38.45	-18.47
				12	6	20.48	16.56	18.71	38.45	-19.74
				25	0	20.49	16.57	18.72	38.45	-19.73

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -1.77

LTE Band 26_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	26840	829	QPSK	1	0	23.33	19.41	21.56	38.45	-16.89
				1	49	23.34	19.42	21.57	38.45	-16.88
				25	12	22.37	18.45	20.60	38.45	-17.85
				50	0	22.43	18.51	20.66	38.45	-17.79
	26915	836.5	QPSK	1	0	23.26	19.34	21.49	38.45	-16.96
				1	49	23.44	19.52	21.67	38.45	-16.78
				25	12	22.38	18.46	20.61	38.45	-17.84
				50	0	22.48	18.56	20.71	38.45	-17.74
	26990	844	QPSK	1	0	23.31	19.39	21.54	38.45	-16.91
				1	49	23.58	19.66	21.81	38.45	-16.64
				25	12	22.27	18.35	20.50	38.45	-17.95
				50	0	22.39	18.47	20.62	38.45	-17.83
	26840	829	16QAM	1	0	22.67	18.75	20.90	38.45	-17.55
				1	49	22.72	18.80	20.95	38.45	-17.5
				25	12	21.48	17.56	19.71	38.45	-18.74
				50	0	21.38	17.46	19.61	38.45	-18.84
	26915	836.5	16QAM	1	0	22.69	18.77	20.92	38.45	-17.53
				1	49	22.65	18.73	20.88	38.45	-17.57
				25	12	21.44	17.52	19.67	38.45	-18.78
				50	0	21.45	17.53	19.68	38.45	-18.77
	26990	844	16QAM	1	0	22.63	18.71	20.86	38.45	-17.59
				1	49	22.63	18.71	20.86	38.45	-17.59
				25	12	21.32	17.40	19.55	38.45	-18.9
				50	0	21.39	17.47	19.62	38.45	-18.83
	26840	829	64QAM	1	0	21.73	17.81	19.96	38.45	-18.49
				1	49	21.82	17.90	20.05	38.45	-18.4
				25	12	20.49	16.57	18.72	38.45	-19.73
				50	0	20.53	16.61	18.76	38.45	-19.69
	26915	836.5	64QAM	1	0	21.63	17.71	19.86	38.45	-18.59
				1	49	21.82	17.90	20.05	38.45	-18.4
				25	12	20.52	16.60	18.75	38.45	-19.7
				50	0	20.47	16.55	18.70	38.45	-19.75
	26990	844	64QAM	1	0	21.79	17.87	20.02	38.45	-18.43
				1	49	21.71	17.79	19.94	38.45	-18.51
				25	12	20.52	16.60	18.75	38.45	-19.7
				50	0	20.55	16.63	18.78	38.45	-19.67

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -1.77

LTE Band 26_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
15	26865	831.5	QPSK	1	0	23.52	19.60	21.75	38.45	-16.7
				1	74	23.42	19.50	21.65	38.45	-16.8
				36	18	22.48	18.56	20.71	38.45	-17.74
				75	0	22.55	18.63	20.78	38.45	-17.67
	26915	836.5	QPSK	1	0	23.57	19.65	21.80	38.45	-16.65
				1	74	23.43	19.51	21.66	38.45	-16.79
				36	18	22.50	18.58	20.73	38.45	-17.72
				75	0	22.53	18.61	20.76	38.45	-17.69
	26965	841.5	QPSK	1	0	23.63	19.71	21.86	38.45	-16.59
				1	74	23.46	19.54	21.69	38.45	-16.76
				36	18	22.46	18.54	20.69	38.45	-17.76
				75	0	22.56	18.64	20.79	38.45	-17.66
	26865	831.5	16QAM	1	0	22.78	18.86	21.01	38.45	-17.44
				1	74	22.87	18.95	21.10	38.45	-17.35
				36	18	21.56	17.64	19.79	38.45	-18.66
				75	0	21.57	17.65	19.80	38.45	-18.65
	26915	836.5	16QAM	1	0	22.72	18.80	20.95	38.45	-17.5
				1	74	22.83	18.91	21.06	38.45	-17.39
				36	18	21.56	17.64	19.79	38.45	-18.66
				75	0	21.56	17.64	19.79	38.45	-18.66
	26965	841.5	16QAM	1	0	22.84	18.92	21.07	38.45	-17.38
				1	74	22.81	18.89	21.04	38.45	-17.41
				36	18	21.52	17.60	19.75	38.45	-18.7
				75	0	21.56	17.64	19.79	38.45	-18.66
	26865	831.5	64QAM	1	0	21.78	17.86	20.01	38.45	-18.44
				1	74	21.87	17.95	20.10	38.45	-18.35
				36	18	20.56	16.64	18.79	38.45	-19.66
				75	0	20.57	16.65	18.80	38.45	-19.65
	26915	836.5	64QAM	1	0	21.72	17.80	19.95	38.45	-18.5
				1	74	21.83	17.91	20.06	38.45	-18.39
				36	18	20.56	16.64	18.79	38.45	-19.66
				75	0	20.56	16.64	18.79	38.45	-19.66
	26965	841.5	64QAM	1	0	21.84	17.92	20.07	38.45	-18.38
				1	74	21.81	17.89	20.04	38.45	-18.41
				36	18	20.52	16.60	18.75	38.45	-19.7
				75	0	20.56	16.64	18.79	38.45	-19.66

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.

Antenna gain (dBi) -1.79

Part 90S_LTE Band 26_Uplink frequency band : 814 to 824 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
1.4	26697	814.7	QPSK	1	0	23.28	19.34	21.49	50	-28.51
				1	5	23.77	19.83	21.98	50	-28.02
				3	2	23.31	19.37	21.52	50	-28.48
				6	0	22.52	18.58	20.73	50	-29.27
	26740	819	QPSK	1	0	23.71	19.77	21.92	50	-28.08
				1	5	23.32	19.38	21.53	50	-28.47
				3	2	23.66	19.72	21.87	50	-28.13
				6	0	22.52	18.58	20.73	50	-29.27
	26783	823.3	QPSK	1	0	23.60	19.66	21.81	50	-28.19
				1	5	23.67	19.73	21.88	50	-28.12
				3	2	23.34	19.40	21.55	50	-28.45
				6	0	22.34	18.40	20.55	50	-29.45
	26697	814.7	16QAM	1	0	22.88	18.94	21.09	50	-28.91
				1	5	22.61	18.67	20.82	50	-29.18
				3	2	22.77	18.83	20.98	50	-29.02
				6	0	21.33	17.39	19.54	50	-30.46
	26740	819	16QAM	1	0	22.74	18.80	20.95	50	-29.05
				1	5	23.05	19.11	21.26	50	-28.74
				3	2	22.61	18.67	20.82	50	-29.18
				6	0	21.70	17.76	19.91	50	-30.09
	26783	823.3	16QAM	1	0	22.81	18.87	21.02	50	-28.98
				1	5	22.51	18.57	20.72	50	-29.28
				3	2	22.32	18.38	20.53	50	-29.47
				6	0	21.75	17.81	19.96	50	-30.04
	26697	814.7	64QAM	1	0	21.97	18.03	20.18	50	-29.82
				1	5	21.53	17.59	19.74	50	-30.26
				3	2	21.72	17.78	19.93	50	-30.07
				6	0	20.69	16.75	18.90	50	-31.1
	26740	819	64QAM	1	0	21.34	17.40	19.55	50	-30.45
				1	5	21.51	17.57	19.72	50	-30.28
				3	2	21.63	17.69	19.84	50	-30.16
				6	0	20.38	16.44	18.59	50	-31.41
	26783	823.3	64QAM	1	0	21.49	17.55	19.70	50	-30.3
				1	5	21.73	17.79	19.94	50	-30.06
				3	2	21.56	17.62	19.77	50	-30.23
				6	0	20.73	16.79	18.94	50	-31.06

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -1.79

Part 90S_LTE Band 26_Uplink frequency band : 814 to 824 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
3	26705	815.5	QPSK	1	0	23.19	19.25	21.40	50	-28.6
				1	14	23.22	19.28	21.43	50	-28.57
				8	4	22.41	18.47	20.62	50	-29.38
				15	0	22.16	18.22	20.37	50	-29.63
	26740	819	QPSK	1	0	23.21	19.27	21.42	50	-28.58
				1	14	23.67	19.73	21.88	50	-28.12
				8	4	22.05	18.11	20.26	50	-29.74
				15	0	22.43	18.49	20.64	50	-29.36
	26775	822.5	QPSK	1	0	23.25	19.31	21.46	50	-28.54
				1	14	23.26	19.32	21.47	50	-28.53
				8	4	21.86	17.92	20.07	50	-29.93
				15	0	21.92	17.98	20.13	50	-29.87
	26705	815.5	16QAM	1	0	22.64	18.70	20.85	50	-29.15
				1	14	22.42	18.48	20.63	50	-29.37
				8	4	21.30	17.36	19.51	50	-30.49
				15	0	21.47	17.53	19.68	50	-30.32
	26740	819	16QAM	1	0	22.44	18.50	20.65	50	-29.35
				1	14	22.49	18.55	20.70	50	-29.3
				8	4	21.22	17.28	19.43	50	-30.57
				15	0	21.36	17.42	19.57	50	-30.43
	26775	822.5	16QAM	1	0	22.44	18.50	20.65	50	-29.35
				1	14	22.45	18.51	20.66	50	-29.34
				8	4	21.26	17.32	19.47	50	-30.53
				15	0	20.92	16.98	19.13	50	-30.87
	26705	815.5	64QAM	1	0	21.71	17.77	19.92	50	-30.08
				1	14	21.70	17.76	19.91	50	-30.09
				8	4	20.70	16.76	18.91	50	-31.09
				15	0	20.59	16.65	18.80	50	-31.2
	26740	819	64QAM	1	0	21.54	17.60	19.75	50	-30.25
				1	14	21.68	17.74	19.89	50	-30.11
				8	4	20.46	16.52	18.67	50	-31.33
				15	0	20.31	16.37	18.52	50	-31.48
	26775	822.5	64QAM	1	0	21.80	17.86	20.01	50	-29.99
				1	14	21.62	17.68	19.83	50	-30.17
				8	4	20.20	16.26	18.41	50	-31.59
				15	0	20.31	16.37	18.52	50	-31.48

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -1.79

Part 90S_LTE Band 26_Uplink frequency band : 814 to 824 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	26715	816.5	QPSK	1	0	23.40	19.46	21.61	50	-28.39
				1	24	23.32	19.38	21.53	50	-28.47
				12	6	22.28	18.34	20.49	50	-29.51
				25	0	22.20	18.26	20.41	50	-29.59
	26740	819	QPSK	1	0	23.05	19.11	21.26	50	-28.74
				1	24	23.44	19.50	21.65	50	-28.35
				12	6	22.33	18.39	20.54	50	-29.46
				25	0	22.56	18.62	20.77	50	-29.23
	26765	821.5	QPSK	1	0	23.09	19.15	21.30	50	-28.7
				1	24	23.57	19.63	21.78	50	-28.22
				12	6	22.08	18.14	20.29	50	-29.71
				25	0	22.41	18.47	20.62	50	-29.38
	26715	816.5	16QAM	1	0	22.83	18.89	21.04	50	-28.96
				1	24	22.52	18.58	20.73	50	-29.27
				12	6	21.45	17.51	19.66	50	-30.34
				25	0	21.62	17.68	19.83	50	-30.17
	26740	819	16QAM	1	0	22.60	18.66	20.81	50	-29.19
				1	24	22.46	18.52	20.67	50	-29.33
				12	6	21.41	17.47	19.62	50	-30.38
				25	0	21.35	17.41	19.56	50	-30.44
	26765	821.5	16QAM	1	0	22.72	18.78	20.93	50	-29.07
				1	24	22.40	18.46	20.61	50	-29.39
				12	6	21.14	17.20	19.35	50	-30.65
				25	0	21.42	17.48	19.63	50	-30.37
	26715	816.5	64QAM	1	0	21.55	17.61	19.76	50	-30.24
				1	24	21.43	17.49	19.64	50	-30.36
				12	6	20.61	16.67	18.82	50	-31.18
				25	0	20.35	16.41	18.56	50	-31.44
	26740	819	64QAM	1	0	21.81	17.87	20.02	50	-29.98
				1	24	21.90	17.96	20.11	50	-29.89
				12	6	20.51	16.57	18.72	50	-31.28
				25	0	20.62	16.68	18.83	50	-31.17
	26765	821.5	64QAM	1	0	21.82	17.88	20.03	50	-29.97
				1	24	21.91	17.97	20.12	50	-29.88
				12	6	20.39	16.45	18.60	50	-31.4
				25	0	20.70	16.76	18.91	50	-31.09

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -1.79

Part 90S_LTE Band 26_Uplink frequency band : 814 to 824 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	ERP Average (dBm)	EIRP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	26740	819	QPSK	1	0	23.38	19.44	21.59	50	-28.41
				1	49	23.39	19.45	21.60	50	-28.4
				25	12	22.33	18.39	20.54	50	-29.46
				50	0	22.44	18.50	20.65	50	-29.35
	26740	819	16QAM	1	0	22.86	18.92	21.07	50	-28.93
				1	49	22.61	18.67	20.82	50	-29.18
				25	12	21.42	17.48	19.63	50	-30.37
				50	0	21.44	17.50	19.65	50	-30.35
	26740	819	64QAM	1	0	21.77	17.83	19.98	50	-30.02
				1	49	21.64	17.70	19.85	50	-30.15
				25	12	20.54	16.60	18.75	50	-31.25
				50	0	20.43	16.49	18.64	50	-31.36

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) 3.37

LTE Band 30_Uplink frequency band : 2305 to 2315 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	27685	2307.5	QPSK	1	0	19.91	23.28	24	-0.72
				1	24	19.80	23.17	24	-0.83
				12	6	18.57	21.94	24	-2.06
				25	0	18.65	22.02	24	-1.98
	27710	2310	QPSK	1	0	19.87	23.24	24	-0.76
				1	24	19.76	23.13	24	-0.87
				12	6	18.66	22.03	24	-1.97
				25	0	18.73	22.10	24	-1.9
	27735	2312.5	QPSK	1	0	19.90	23.27	24	-0.73
				1	24	19.93	23.30	24	-0.7
				12	6	18.55	21.92	24	-2.08
				25	0	18.60	21.97	24	-2.03
	27685	2307.5	16QAM	1	0	18.99	22.36	24	-1.64
				1	24	18.73	22.10	24	-1.9
				12	6	17.65	21.02	24	-2.98
				25	0	17.68	21.05	24	-2.95
	27710	2310	16QAM	1	0	18.84	22.21	24	-1.79
				1	24	18.72	22.09	24	-1.91
				12	6	17.75	21.12	24	-2.88
				25	0	17.72	21.09	24	-2.91
	27735	2312.5	16QAM	1	0	18.94	22.31	24	-1.69
				1	24	18.82	22.19	24	-1.81
				12	6	17.60	20.97	24	-3.03
				25	0	17.62	20.99	24	-3.01
	27685	2307.5	64QAM	1	0	17.91	21.28	24	-2.72
				1	24	17.64	21.01	24	-2.99
				12	6	16.56	19.93	24	-4.07
				25	0	16.63	20.00	24	-4
	27710	2310	64QAM	1	0	17.83	21.20	24	-2.8
				1	24	17.71	21.08	24	-2.92
				12	6	16.69	20.06	24	-3.94
				25	0	16.62	19.99	24	-4.01
	27735	2312.5	64QAM	1	0	17.89	21.26	24	-2.74
				1	24	17.82	21.19	24	-2.81
				12	6	16.54	19.91	24	-4.09
				25	0	16.57	19.94	24	-4.06

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) 3.37

LTE Band 30_Uplink frequency band : 2305 to 2315 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	27710	2310	QPSK	1	0	19.98	23.35	24	-0.65
				1	49	19.87	23.24	24	-0.76
				25	12	18.73	22.10	24	-1.9
				50	0	18.83	22.20	24	-1.8
	27710	2310	16QAM	1	0	18.98	22.35	24	-1.65
				1	49	18.90	22.27	24	-1.73
				25	12	17.39	20.76	24	-3.24
				50	0	17.43	20.80	24	-3.2
	27710	2310	64QAM	1	0	17.91	21.28	24	-2.72
				1	49	17.98	21.35	24	-2.65
				25	12	16.61	19.98	24	-4.02
				50	0	16.43	19.80	24	-4.2

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.

Antenna gain (dBi) 2.96

LTE Band 38_Uplink frequency band : 2570 to 2620 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	Avg. Conducted Power Limit (dBm)	Margin (dB)
5	37775	2572.5	QPSK	1	0	23.81	26.77	33	-6.23
				1	24	23.71	26.67	33	-6.33
				12	6	22.82	25.78	33	-7.22
				25	0	22.44	25.40	33	-7.6
	38000	2595	QPSK	1	0	23.33	26.29	33	-6.71
				1	24	23.67	26.63	33	-6.37
				12	6	22.65	25.61	33	-7.39
				25	0	22.68	25.64	33	-7.36
	38225	2617.5	QPSK	1	0	23.70	26.66	33	-6.34
				1	24	23.80	26.76	33	-6.24
				12	6	22.38	25.34	33	-7.66
				25	0	22.82	25.78	33	-7.22
	37775	2572.5	16QAM	1	0	22.50	25.46	33	-7.54
				1	24	22.76	25.72	33	-7.28
				12	6	21.50	24.46	33	-8.54
				25	0	21.35	24.31	33	-8.69
	38000	2595	16QAM	1	0	22.69	25.65	33	-7.35
				1	24	22.74	25.70	33	-7.3
				12	6	21.68	24.64	33	-8.36
				25	0	21.83	24.79	33	-8.21
	38225	2617.5	16QAM	1	0	22.66	25.62	33	-7.38
				1	24	22.69	25.65	33	-7.35
				12	6	21.81	24.77	33	-8.23
				25	0	21.47	24.43	33	-8.57
	37775	2572.5	64QAM	1	0	21.13	24.09	33	-8.91
				1	24	20.81	23.77	33	-9.23
				12	6	19.73	22.69	33	-10.31
				25	0	20.17	23.13	33	-9.87
	38000	2595	64QAM	1	0	20.85	23.81	33	-9.19
				1	24	21.17	24.13	33	-8.87
				12	6	19.86	22.82	33	-10.18
				25	0	19.75	22.71	33	-10.29
	38225	2617.5	64QAM	1	0	21.14	24.10	33	-8.9
				1	24	21.07	24.03	33	-8.97
				12	6	20.08	23.04	33	-9.96
				25	0	20.13	23.09	33	-9.91

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) 2.96

LTE Band 38_Uplink frequency band : 2570 to 2620 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	Avg. Conducted Power Limit (dBm)	Margin (dB)
10	37800	2575	QPSK	1	0	23.53	26.49	33	-6.51
				1	49	23.51	26.47	33	-6.53
				25	12	22.49	25.45	33	-7.55
				50	0	22.46	25.42	33	-7.58
	38000	2595	QPSK	1	0	23.14	26.10	33	-6.9
				1	49	23.69	26.65	33	-6.35
				25	12	22.24	25.20	33	-7.8
				50	0	22.45	25.41	33	-7.59
	38200	2615	QPSK	1	0	23.58	26.54	33	-6.46
				1	49	23.89	26.85	33	-6.15
				25	12	22.55	25.51	33	-7.49
				50	0	22.97	25.93	33	-7.07
	37800	2575	16QAM	1	0	22.97	25.93	33	-7.07
				1	49	22.86	25.82	33	-7.18
				25	12	21.36	24.32	33	-8.68
				50	0	21.41	24.37	33	-8.63
	38000	2595	16QAM	1	0	22.56	25.52	33	-7.48
				1	49	22.98	25.94	33	-7.06
				25	12	21.43	24.39	33	-8.61
				50	0	21.65	24.61	33	-8.39
	38200	2615	16QAM	1	0	22.46	25.42	33	-7.58
				1	49	22.53	25.49	33	-7.51
				25	12	21.74	24.70	33	-8.3
				50	0	21.52	24.48	33	-8.52
	37800	2575	64QAM	1	0	21.30	24.26	33	-8.74
				1	49	21.05	24.01	33	-8.99
				25	12	19.84	22.80	33	-10.2
				50	0	19.84	22.80	33	-10.2
	38000	2595	64QAM	1	0	21.24	24.20	33	-8.8
				1	49	21.00	23.96	33	-9.04
				25	12	20.08	23.04	33	-9.96
				50	0	19.60	22.56	33	-10.44
	38200	2615	64QAM	1	0	21.14	24.10	33	-8.9
				1	49	20.86	23.82	33	-9.18
				25	12	19.90	22.86	33	-10.14
				50	0	20.23	23.19	33	-9.81

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.

Antenna gain (dBi) 2.96

LTE Band 38_Uplink frequency band : 2570 to 2620 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	Avg. Conducted Power Limit (dBm)	Margin (dB)
15	37825	2577.5	QPSK	1	0	23.86	26.82	33	-6.18
				1	74	23.68	26.64	33	-6.36
				36	19	22.44	25.40	33	-7.6
				75	0	22.85	25.81	33	-7.19
	38000	2595	QPSK	1	0	23.46	26.42	33	-6.58
				1	74	23.92	26.88	33	-6.12
				36	19	22.26	25.22	33	-7.78
				75	0	22.33	25.29	33	-7.71
	38175	2612.5	QPSK	1	0	23.67	26.63	33	-6.37
				1	74	23.53	26.49	33	-6.51
				36	19	22.83	25.79	33	-7.21
				75	0	22.72	25.68	33	-7.32
	37825	2577.5	16QAM	1	0	22.73	25.69	33	-7.31
				1	74	22.59	25.55	33	-7.45
				36	19	21.75	24.71	33	-8.29
				75	0	21.57	24.53	33	-8.47
	38000	2595	16QAM	1	0	22.77	25.73	33	-7.27
				1	74	22.76	25.72	33	-7.28
				36	19	21.40	24.36	33	-8.64
				75	0	21.56	24.52	33	-8.48
	38175	2612.5	16QAM	1	0	22.78	25.74	33	-7.26
				1	74	22.41	25.37	33	-7.63
				36	19	21.87	24.83	33	-8.17
				75	0	21.62	24.58	33	-8.42
	37825	2577.5	64QAM	1	0	21.41	24.37	33	-8.63
				1	74	21.38	24.34	33	-8.66
				36	19	19.66	22.62	33	-10.38
				75	0	20.16	23.12	33	-9.88
	38000	2595	64QAM	1	0	20.89	23.85	33	-9.15
				1	74	21.51	24.47	33	-8.53
				36	19	19.88	22.84	33	-10.16
				75	0	19.78	22.74	33	-10.26
	38175	2612.5	64QAM	1	0	21.10	24.06	33	-8.94
				1	74	21.04	24.00	33	-9
				36	19	20.26	23.22	33	-9.78
				75	0	19.99	22.95	33	-10.05

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) 2.96

LTE Band 38_Uplink frequency band : 2570 to 2620 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	Avg. Conducted Power Limit (dBm)	Margin (dB)
20	37850	2580	QPSK	1	0	23.77	26.73	33	-6.27
				1	99	23.65	26.61	33	-6.39
				50	25	22.63	25.59	33	-7.41
				100	0	22.67	25.63	33	-7.37
	38000	2595	QPSK	1	0	23.53	26.49	33	-6.51
				1	99	23.93	26.89	33	-6.11
				50	25	22.60	25.56	33	-7.44
				100	0	22.66	25.62	33	-7.38
	38150	2610	QPSK	1	0	23.60	26.56	33	-6.44
				1	99	23.77	26.73	33	-6.27
				50	25	22.75	25.71	33	-7.29
				100	0	22.76	25.72	33	-7.28
	37850	2580	16QAM	1	0	22.83	25.79	33	-7.21
				1	99	22.83	25.79	33	-7.21
				50	25	21.64	24.60	33	-8.4
				100	0	21.69	24.65	33	-8.35
	38000	2595	16QAM	1	0	22.76	25.72	33	-7.28
				1	99	22.98	25.94	33	-7.06
				50	25	21.63	24.59	33	-8.41
				100	0	21.63	24.59	33	-8.41
	38150	2610	16QAM	1	0	22.76	25.72	33	-7.28
				1	99	22.82	25.78	33	-7.22
				50	25	21.77	24.73	33	-8.27
				100	0	21.74	24.70	33	-8.3
	37850	2580	64QAM	1	0	21.23	24.19	33	-8.81
				1	99	21.23	24.19	33	-8.81
				50	25	20.04	23.00	33	-10
				100	0	20.09	23.05	33	-9.95
	38000	2595	64QAM	1	0	21.16	24.12	33	-8.88
				1	99	21.38	24.34	33	-8.66
				50	25	20.03	22.99	33	-10.01
				100	0	20.03	22.99	33	-10.01
	38150	2610	64QAM	1	0	21.16	24.12	33	-8.88
				1	99	21.22	24.18	33	-8.82
				50	25	20.17	23.13	33	-9.87
				100	0	20.14	23.10	33	-9.9

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) 2.96

LTE Band 41_Uplink frequency band : 2496 to 2690 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	Avg. Conducted Power Limit (dBm)	Margin (dB)
5	39675	2498.5	QPSK	1	0	24.93	27.89	33	-5.11
				1	24	24.75	27.71	33	-5.29
				12	6	23.87	26.83	33	-6.17
				25	0	23.79	26.75	33	-6.25
	40620	2593	QPSK	1	0	24.56	27.52	33	-5.48
				1	24	24.40	27.36	33	-5.64
				12	6	23.57	26.53	33	-6.47
				25	0	23.60	26.56	33	-6.44
	41565	2687.5	QPSK	1	0	24.26	27.22	33	-5.78
				1	24	24.27	27.23	33	-5.77
				12	6	23.19	26.15	33	-6.85
				25	0	23.24	26.20	33	-6.8
	39675	2498.5	16QAM	1	0	22.89	25.85	33	-7.15
				1	24	23.01	25.97	33	-7.03
				12	6	21.96	24.92	33	-8.08
				25	0	21.95	24.91	33	-8.09
	40620	2593	16QAM	1	0	22.40	25.36	33	-7.64
				1	24	22.16	25.12	33	-7.88
				12	6	21.53	24.49	33	-8.51
				25	0	21.46	24.42	33	-8.58
	41565	2687.5	16QAM	1	0	22.16	25.12	33	-7.88
				1	24	22.09	25.05	33	-7.95
				12	6	21.05	24.01	33	-8.99
				25	0	21.24	24.20	33	-8.8
	39675	2498.5	64QAM	1	0	20.95	23.91	33	-9.09
				1	24	21.99	24.95	33	-8.05
				12	6	21.11	24.07	33	-8.93
				25	0	20.90	23.86	33	-9.14
	40620	2593	64QAM	1	0	21.42	24.38	33	-8.62
				1	24	21.29	24.25	33	-8.75
				12	6	20.61	23.57	33	-9.43
				25	0	20.57	23.53	33	-9.47
	41565	2687.5	64QAM	1	0	21.23	24.19	33	-8.81
				1	24	21.30	24.26	33	-8.74
				12	6	20.14	23.10	33	-9.9
				25	0	20.23	23.19	33	-9.81

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.

Antenna gain (dBi) 2.96

LTE Band 41_Uplink frequency band : 2496 to 2690 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	Avg. Conducted Power Limit (dBm)	Margin (dB)
10	39700	2501	QPSK	1	0	24.87	27.83	33	-5.17
				1	49	24.78	27.74	33	-5.26
				25	12	23.87	26.83	33	-6.17
				50	0	23.81	26.77	33	-6.23
	40620	2593	QPSK	1	0	24.57	27.53	33	-5.47
				1	49	24.36	27.32	33	-5.68
				25	12	23.63	26.59	33	-6.41
				50	0	23.56	26.52	33	-6.48
	41540	2685	QPSK	1	0	24.22	27.18	33	-5.82
				1	49	24.27	27.23	33	-5.77
				25	12	23.16	26.12	33	-6.88
				50	0	23.23	26.19	33	-6.81
	39700	2501	16QAM	1	0	22.92	25.88	33	-7.12
				1	49	23.01	25.97	33	-7.03
				25	12	22.01	24.97	33	-8.03
				50	0	21.88	24.84	33	-8.16
	40620	2593	16QAM	1	0	22.35	25.31	33	-7.69
				1	49	22.19	25.15	33	-7.85
				25	12	21.51	24.47	33	-8.53
				50	0	21.47	24.43	33	-8.57
	41540	2685	16QAM	1	0	22.10	25.06	33	-7.94
				1	49	22.11	25.07	33	-7.93
				25	12	21.10	24.06	33	-8.94
				50	0	21.17	24.13	33	-8.87
	39700	2501	64QAM	1	0	22.06	25.02	33	-7.98
				1	49	22.02	24.98	33	-8.02
				25	12	21.10	24.06	33	-8.94
				50	0	20.90	23.86	33	-9.14
	40620	2593	64QAM	1	0	21.42	24.38	33	-8.62
				1	49	21.24	24.20	33	-8.8
				25	12	20.56	23.52	33	-9.48
				50	0	20.55	23.51	33	-9.49
	41540	2685	64QAM	1	0	21.26	24.22	33	-8.78
				1	49	21.29	24.25	33	-8.75
				25	12	20.13	23.09	33	-9.91
				50	0	20.27	23.23	33	-9.77

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) 2.96

LTE Band 41_Uplink frequency band : 2496 to 2690 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	Avg. Conducted Power Limit (dBm)	Margin (dB)
15	39725	2503.5	QPSK	1	0	24.89	27.85	33	-5.15
				1	74	24.72	27.68	33	-5.32
				36	18	23.94	26.90	33	-6.1
				75	0	23.77	26.73	33	-6.27
	40620	2593	QPSK	1	0	24.57	27.53	33	-5.47
				1	74	24.38	27.34	33	-5.66
				36	18	23.62	26.58	33	-6.42
				75	0	23.64	26.60	33	-6.4
	41515	2682.5	QPSK	1	0	24.25	27.21	33	-5.79
				1	74	24.23	27.19	33	-5.81
				36	18	23.19	26.15	33	-6.85
				75	0	23.19	26.15	33	-6.85
	39725	2503.5	16QAM	1	0	22.96	25.92	33	-7.08
				1	74	23.00	25.96	33	-7.04
				36	18	21.95	24.91	33	-8.09
				75	0	21.90	24.86	33	-8.14
	40620	2593	16QAM	1	0	22.40	25.36	33	-7.64
				1	74	22.22	25.18	33	-7.82
				36	18	21.49	24.45	33	-8.55
				75	0	21.43	24.39	33	-8.61
	41515	2682.5	16QAM	1	0	22.12	25.08	33	-7.92
				1	74	22.08	25.04	33	-7.96
				36	18	21.09	24.05	33	-8.95
				75	0	21.23	24.19	33	-8.81
	39725	2503.5	64QAM	1	0	22.00	24.96	33	-8.04
				1	74	22.01	24.97	33	-8.03
				36	18	21.13	24.09	33	-8.91
				75	0	20.97	23.93	33	-9.07
	40620	2593	64QAM	1	0	21.41	24.37	33	-8.63
				1	74	21.27	24.23	33	-8.77
				36	18	20.58	23.54	33	-9.46
				75	0	20.55	23.51	33	-9.49
	41515	2682.5	64QAM	1	0	21.32	24.28	33	-8.72
				1	74	21.37	24.33	33	-8.67
				36	18	20.10	23.06	33	-9.94
				75	0	20.23	23.19	33	-9.81

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.

Antenna gain (dBi) 2.96

LTE Band 41_Uplink frequency band : 2496 to 2690 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	Avg. Conducted Power Limit (dBm)	Margin (dB)
20	39750	2506	QPSK	1	0	24.96	27.92	33	-5.08
				1	99	24.82	27.78	33	-5.22
				50	25	23.95	26.91	33	-6.09
				100	0	23.86	26.82	33	-6.18
	40620	2593	QPSK	1	0	24.61	27.57	33	-5.43
				1	99	24.42	27.38	33	-5.62
				50	25	23.64	26.60	33	-6.4
				100	0	23.66	26.62	33	-6.38
	41490	2680	QPSK	1	0	24.30	27.26	33	-5.74
				1	99	24.29	27.25	33	-5.75
				50	25	23.25	26.21	33	-6.79
				100	0	23.28	26.24	33	-6.76
	39750	2506	16QAM	1	0	22.98	25.94	33	-7.06
				1	99	23.02	25.98	33	-7.02
				50	25	22.03	24.99	33	-8.01
				100	0	21.97	24.93	33	-8.07
	40620	2593	16QAM	1	0	22.44	25.40	33	-7.6
				1	99	22.24	25.20	33	-7.8
				50	25	21.57	24.53	33	-8.47
				100	0	21.48	24.44	33	-8.56
	41490	2680	16QAM	1	0	22.20	25.16	33	-7.84
				1	99	22.18	25.14	33	-7.86
				50	25	21.13	24.09	33	-8.91
				100	0	21.25	24.21	33	-8.79
	39750	2506	64QAM	1	0	22.07	25.03	33	-7.97
				1	99	22.06	25.02	33	-7.98
				50	25	21.15	24.11	33	-8.89
				100	0	21.00	23.96	33	-9.04
	40620	2593	64QAM	1	0	21.48	24.44	33	-8.56
				1	99	21.33	24.29	33	-8.71
				50	25	20.63	23.59	33	-9.41
				100	0	20.62	23.58	33	-9.42
	41490	2680	64QAM	1	0	21.33	24.29	33	-8.71
				1	99	21.38	24.34	33	-8.66
				50	25	20.20	23.16	33	-9.84
				100	0	20.30	23.26	33	-9.74

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -0.27

LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
1.4	131979	1710.7	QPSK	1	0	23.50	23.23	30	-6.77
				1	5	23.53	23.26	30	-6.74
				3	2	22.68	22.41	30	-7.59
				6	0	22.56	22.29	30	-7.71
	132322	1745	QPSK	1	0	23.60	23.33	30	-6.67
				1	5	23.62	23.35	30	-6.65
				3	2	22.78	22.51	30	-7.49
				6	0	22.66	22.39	30	-7.61
	132665	1779.3	QPSK	1	0	23.85	23.58	30	-6.42
				1	5	23.82	23.55	30	-6.45
				3	2	22.91	22.64	30	-7.36
				6	0	22.89	22.62	30	-7.38
	131979	1710.7	16QAM	1	0	22.82	22.55	30	-7.45
				1	5	22.81	22.54	30	-7.46
				3	2	22.60	22.33	30	-7.67
				6	0	21.62	21.35	30	-8.65
	132322	1745	16QAM	1	0	22.94	22.67	30	-7.33
				1	5	22.88	22.61	30	-7.39
				3	2	22.65	22.38	30	-7.62
				6	0	21.74	21.47	30	-8.53
	132665	1779.3	16QAM	1	0	22.98	22.71	30	-7.29
				1	5	22.91	22.64	30	-7.36
				3	2	22.91	22.64	30	-7.36
				6	0	21.96	21.69	30	-8.31
	131979	1710.7	64QAM	1	0	21.67	21.40	30	-8.6
				1	5	21.73	21.46	30	-8.54
				3	2	21.43	21.16	30	-8.84
				6	0	20.51	20.24	30	-9.76
	132322	1745	64QAM	1	0	21.86	21.59	30	-8.41
				1	5	21.80	21.53	30	-8.47
				3	2	21.55	21.28	30	-8.72
				6	0	20.56	20.29	30	-9.71
	132665	1779.3	64QAM	1	0	21.83	21.56	30	-8.44
				1	5	21.89	21.62	30	-8.38
				3	2	21.89	21.62	30	-8.38
				6	0	20.83	20.56	30	-9.44

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -0.27

LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
3	131987	1711.5	QPSK	1	0	23.10	22.83	30	-7.17
				1	14	23.13	22.86	30	-7.14
				8	4	22.26	21.99	30	-8.01
				15	0	22.25	21.98	30	-8.02
	132322	1745	QPSK	1	0	23.40	23.13	30	-6.87
				1	14	23.31	23.04	30	-6.96
				8	4	22.02	21.75	30	-8.25
				15	0	22.44	22.17	30	-7.83
	132657	1778.5	QPSK	1	0	23.58	23.31	30	-6.69
				1	14	23.36	23.09	30	-6.91
				8	4	22.29	22.02	30	-7.98
				15	0	22.30	22.03	30	-7.97
	131987	1711.5	16QAM	1	0	22.63	22.36	30	-7.64
				1	14	22.51	22.24	30	-7.76
				8	4	21.25	20.98	30	-9.02
				15	0	21.33	21.06	30	-8.94
	132322	1745	16QAM	1	0	22.35	22.08	30	-7.92
				1	14	22.40	22.13	30	-7.87
				8	4	21.21	20.94	30	-9.06
				15	0	21.37	21.10	30	-8.9
	132657	1778.5	16QAM	1	0	22.39	22.12	30	-7.88
				1	14	22.18	21.91	30	-8.09
				8	4	21.64	21.37	30	-8.63
				15	0	21.49	21.22	30	-8.78
	131987	1711.5	64QAM	1	0	21.54	21.27	30	-8.73
				1	14	21.37	21.10	30	-8.9
				8	4	20.24	19.97	30	-10.03
				15	0	20.20	19.93	30	-10.07
	132322	1745	64QAM	1	0	21.24	20.97	30	-9.03
				1	14	21.28	21.01	30	-8.99
				8	4	20.02	19.75	30	-10.25
				15	0	20.35	20.08	30	-9.92
	132657	1778.5	64QAM	1	0	21.27	21.00	30	-9
				1	14	21.15	20.88	30	-9.12
				8	4	20.58	20.31	30	-9.69
				15	0	20.48	20.21	30	-9.79

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -0.27

LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	131997	1712.5	QPSK	1	0	23.28	23.01	30	-6.99
				1	24	23.24	22.97	30	-7.03
				12	6	22.47	22.20	30	-7.8
				25	0	22.44	22.17	30	-7.83
	132322	1745	QPSK	1	0	23.42	23.15	30	-6.85
				1	24	23.36	23.09	30	-6.91
				12	6	22.17	21.90	30	-8.1
				25	0	22.49	22.22	30	-7.78
	132647	1777.5	QPSK	1	0	23.64	23.37	30	-6.63
				1	24	23.50	23.23	30	-6.77
				12	6	22.44	22.17	30	-7.83
				25	0	22.51	22.24	30	-7.76
	131997	1712.5	16QAM	1	0	22.65	22.38	30	-7.62
				1	24	22.53	22.26	30	-7.74
				12	6	21.34	21.07	30	-8.93
				25	0	21.43	21.16	30	-8.84
	132322	1745	16QAM	1	0	22.45	22.18	30	-7.82
				1	24	22.46	22.19	30	-7.81
				12	6	21.41	21.14	30	-8.86
				25	0	21.39	21.12	30	-8.88
	132647	1777.5	16QAM	1	0	22.50	22.23	30	-7.77
				1	24	22.37	22.10	30	-7.9
				12	6	21.80	21.53	30	-8.47
				25	0	21.66	21.39	30	-8.61
	131997	1712.5	64QAM	1	0	21.49	21.22	30	-8.78
				1	24	21.38	21.11	30	-8.89
				12	6	20.15	19.88	30	-10.12
				25	0	20.24	19.97	30	-10.03
	132322	1745	64QAM	1	0	21.43	21.16	30	-8.84
				1	24	21.35	21.08	30	-8.92
				12	6	20.40	20.13	30	-9.87
				25	0	20.31	20.04	30	-9.96
	132647	1777.5	64QAM	1	0	21.42	21.15	30	-8.85
				1	24	21.36	21.09	30	-8.91
				12	6	20.69	20.42	30	-9.58
				25	0	20.63	20.36	30	-9.64

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -0.27

LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	132022	1715	QPSK	1	0	23.42	23.15	30	-6.85
				1	49	23.31	23.04	30	-6.96
				25	12	22.59	22.32	30	-7.68
				50	0	22.49	22.22	30	-7.78
	132322	1745	QPSK	1	0	23.62	23.35	30	-6.65
				1	49	23.43	23.16	30	-6.84
				25	12	22.36	22.09	30	-7.91
				50	0	22.55	22.28	30	-7.72
	132622	1775	QPSK	1	0	23.71	23.44	30	-6.56
				1	49	23.60	23.33	30	-6.67
				25	12	22.65	22.38	30	-7.62
				50	0	22.62	22.35	30	-7.65
	132022	1715	16QAM	1	0	22.77	22.50	30	-7.5
				1	49	22.74	22.47	30	-7.53
				25	12	21.53	21.26	30	-8.74
				50	0	21.55	21.28	30	-8.72
	132322	1745	16QAM	1	0	22.59	22.32	30	-7.68
				1	49	22.58	22.31	30	-7.69
				25	12	21.56	21.29	30	-8.71
				50	0	21.55	21.28	30	-8.72
	132622	1775	16QAM	1	0	22.66	22.39	30	-7.61
				1	49	22.58	22.31	30	-7.69
				25	12	21.87	21.60	30	-8.4
				50	0	21.68	21.41	30	-8.59
	132022	1715	64QAM	1	0	21.69	21.42	30	-8.58
				1	49	21.74	21.47	30	-8.53
				25	12	20.50	20.23	30	-9.77
				50	0	20.44	20.17	30	-9.83
	132322	1745	64QAM	1	0	21.40	21.13	30	-8.87
				1	49	21.42	21.15	30	-8.85
				25	12	20.40	20.13	30	-9.87
				50	0	20.51	20.24	30	-9.76
	132622	1775	64QAM	1	0	21.54	21.27	30	-8.73
				1	49	21.44	21.17	30	-8.83
				25	12	20.79	20.52	30	-9.48
				50	0	20.66	20.39	30	-9.61

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.

Antenna gain (dBi) -0.27

LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	132047	1717.5	QPSK	1	0	23.55	23.28	30	-6.72
				1	74	23.46	23.19	30	-6.81
				36	18	22.67	22.40	30	-7.6
				75	0	22.65	22.38	30	-7.62
	132322	1745	QPSK	1	0	23.70	23.43	30	-6.57
				1	74	23.62	23.35	30	-6.65
				36	18	22.51	22.24	30	-7.76
				75	0	22.58	22.31	30	-7.69
	132597	1772.5	QPSK	1	0	23.77	23.50	30	-6.5
				1	74	23.80	23.53	30	-6.47
				36	18	22.71	22.44	30	-7.56
				75	0	22.75	22.48	30	-7.52
	132047	1717.5	16QAM	1	0	22.83	22.56	30	-7.44
				1	74	22.81	22.54	30	-7.46
				36	18	21.60	21.33	30	-8.67
				75	0	21.65	21.38	30	-8.62
	132322	1745	16QAM	1	0	22.69	22.42	30	-7.58
				1	74	22.79	22.52	30	-7.48
				36	18	21.68	21.41	30	-8.59
				75	0	21.62	21.35	30	-8.65
	132597	1772.5	16QAM	1	0	22.86	22.59	30	-7.41
				1	74	22.74	22.47	30	-7.53
				36	18	21.90	21.63	30	-8.37
				75	0	21.85	21.58	30	-8.42
	132047	1717.5	64QAM	1	0	21.70	21.43	30	-8.57
				1	74	21.74	21.47	30	-8.53
				36	18	20.49	20.22	30	-9.78
				75	0	20.56	20.29	30	-9.71
	132322	1745	64QAM	1	0	21.67	21.40	30	-8.6
				1	74	21.61	21.34	30	-8.66
				36	18	20.67	20.40	30	-9.6
				75	0	20.53	20.26	30	-9.74
	132597	1772.5	64QAM	1	0	21.70	21.43	30	-8.57
				1	74	21.63	21.36	30	-8.64
				36	18	20.84	20.57	30	-9.43
				75	0	20.70	20.43	30	-9.57

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 gain (dBi) -0.27

LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	132072	1720	QPSK	1	0	23.66	23.39	30	-6.61
				1	99	23.59	23.32	30	-6.68
				50	25	22.75	22.48	30	-7.52
				100	0	22.79	22.52	30	-7.48
	132322	1745	QPSK	1	0	23.71	23.44	30	-6.56
				1	99	23.74	23.47	30	-6.53
				50	25	22.65	22.38	30	-7.62
				100	0	22.69	22.42	30	-7.58
	132572	1770	QPSK	1	0	23.90	23.63	30	-6.37
				1	99	23.88	23.61	30	-6.39
				50	25	22.86	22.59	30	-7.41
				100	0	22.94	22.67	30	-7.33
	132072	1720	16QAM	1	0	22.92	22.65	30	-7.35
				1	99	22.89	22.62	30	-7.38
				50	25	21.76	21.49	30	-8.51
				100	0	21.78	21.51	30	-8.49
	132322	1745	16QAM	1	0	22.83	22.56	30	-7.44
				1	99	23.00	22.73	30	-7.27
				50	25	21.71	21.44	30	-8.56
				100	0	21.72	21.45	30	-8.55
	132572	1770	16QAM	1	0	22.99	22.72	30	-7.28
				1	99	22.88	22.61	30	-7.39
				50	25	21.92	21.65	30	-8.35
				100	0	21.98	21.71	30	-8.29
	132072	1720	64QAM	1	0	21.84	21.57	30	-8.43
				1	99	21.72	21.45	30	-8.55
				50	25	20.63	20.36	30	-9.64
				100	0	20.77	20.50	30	-9.5
	132322	1745	64QAM	1	0	21.70	21.43	30	-8.57
				1	99	21.93	21.66	30	-8.34
				50	25	20.62	20.35	30	-9.65
				100	0	20.70	20.43	30	-9.57
	132572	1770	64QAM	1	0	21.92	21.65	30	-8.35
				1	99	21.73	21.46	30	-8.54
				50	25	20.90	20.63	30	-9.37
				100	0	20.89	20.62	30	-9.38

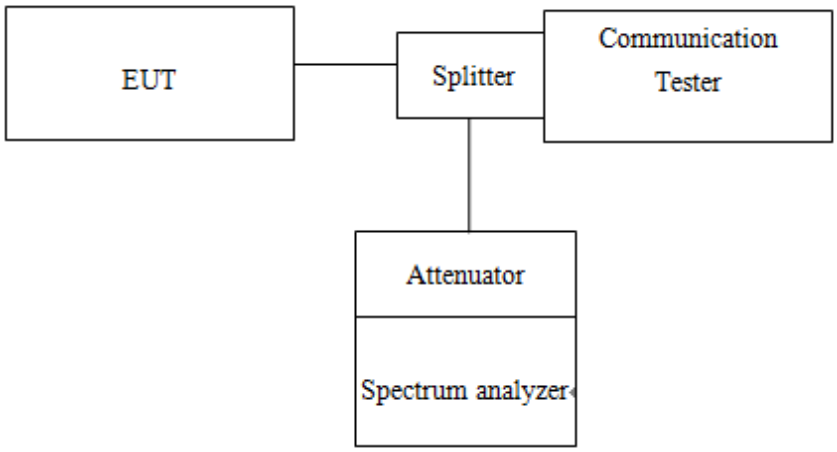
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

7. OCCUPIED BANDWIDTH MEASUREMENT

7.1. Standard Applicable

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power.

7.2. Test Set-up



7.3. Measurement Procedure

99% &26dB Bandwidth with detector peak

The EUT's output RF connector was connected with a short cable to the spectrum analyzer, RBW was set to about 1% of emission BW, VBW= 3 times RBW, -26dBc display line was placed on the screen (or 26dB bandwidth), the occupied bandwidth is the delta frequency between the two points where the display line intersects the signal trace. Then set RBW to 99% bandwidth, RBW= 1%, VBW= 3 RBW, with span > 2 * Signal BW, set % Power = 99%.

99% Bandwidth with detector sample

The EUT's output RF connector was connected with a short cable to the spectrum analyzer, RBW was set to about 1% ~ 5% of emission BW, VBW= 3 times RBW, -20dBc display line was placed on the screen (or 20dB bandwidth). Set RBW to 99% bandwidth, RBW= 1% ~ 5%, VBW= 3 RBW, with span > 2 * Signal BW, set % Power = 99%.

7.4. Measurement Equipment Used

Conducted Emission (measured at antenna port) Test Site					
EQUIPMENT TYPE	**MFR**	**MODEL NUMBER**	**SERIAL NUMBER**	**LAST CAL.**	**CAL DUE.**
Spectrum Analyzer	Agilent	N9010A	MY53400256	11/21/2018	11/20/2019
Radio Communication Analyzer	Anritsu	MT8820C	6201465317	01/16/2019	01/15/2020
DC Power Supply	Agilent	E3640A	MY53130054	09/03/2018	09/02/2019
Splitter	Woken	DOM35LW1A2	RF83	02/26/2019	02/25/2020
Attenuator	Marvelous	MVE2213-10	RF80	02/26/2019	02/25/2020

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

7.5. Measurement Result

Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		WCDMA II	HSDPA II	HSUPA II	WCDMA II	HSDPA II	HSUPA II
1852.40	9262	4.06560	4.06310	4.07280	4.629	4.628	4.617
1880.00	9400	4.09100	4.08710	4.09470	4.718	4.710	4.670
1907.60	9538	4.08620	4.08940	4.09050	4.696	4.679	4.673

Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		WCDMA IV	HSDPA IV	HSUPA IV	WCDMA IV	HSDPA IV	HSUPA IV
1712.40	1312	4.07130	4.07530	4.07030	4.629	4.661	4.651
1732.60	1413	4.10920	4.08640	4.10590	4.736	4.709	4.737
1752.60	1513	4.05680	4.08160	4.07470	4.626	4.642	4.626

Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		WCDMA V	HSDPA V	HSUPA V	WCDMA V	HSDPA V	HSUPA V
826.40	4132	4.08560	4.08380	4.07990	4.674	4.684	4.640
836.60	4183	4.07150	4.06610	4.07880	4.628	4.633	4.606
846.60	4233	4.11580	4.11580	4.11740	4.748	4.724	4.730

LTE BAND 2 Channel bandwidth: 1.4MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1850.7	18607	1.1038	1.1061	1.1072	1.254	1.259	1.250
1880.0	18900	1.1032	1.1032	1.1043	1.252	1.261	1.250
1909.3	19193	1.1111	1.1131	1.1065	1.342	1.267	1.259

LTE BAND 2 Channel bandwidth: 3MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1851.5	18615	2.7258	2.7215	2.7144	3.132	3.013	3.008
1880.0	18900	2.7248	2.7099	2.7128	3.015	3.010	3.005
1908.5	19185	2.7410	2.7197	2.7211	3.650	3.008	2.999

LTE BAND 2 Channel bandwidth: 5MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1852.5	18625	4.5316	4.5175	4.5151	5.018	4.964	4.914
1880.0	18900	4.5202	4.5221	4.5141	4.995	4.988	4.941
1907.5	19175	4.5240	4.5098	4.5157	5.488	5.820	4.922

LTE BAND 2 Channel bandwidth: 10MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1855.0	18650	9.1006	9.0621	9.0696	10.646	10.441	10.559
1880.0	18900	9.0491	9.0585	9.0315	10.414	10.471	10.419
1905.0	19150	9.0564	9.0256	9.0329	10.455	10.514	10.450

LTE BAND 2 Channel bandwidth: 15MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1857.5	18675	13.565	13.560	13.558	15.859	15.524	15.704
1880.0	18900	13.541	13.552	13.501	15.574	15.922	15.729
1902.5	19125	13.514	13.473	13.503	15.897	15.527	15.497

LTE BAND 2 Channel bandwidth: 20MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1860.0	18700	18.042	18.008	18.038	19.962	20.079	20.150
1880.0	18900	17.954	17.994	17.941	19.846	19.886	19.986
1900.0	19100	17.966	17.995	17.967	20.048	20.009	20.084

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

LTE BAND 4 Channel bandwidth: 1.4MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1710.7	19957	1.1024	1.1054	1.1074	1.252	1.254	1.252
1732.5	20175	1.1029	1.1059	1.1081	1.255	1.256	1.261
1754.3	20393	1.0997	1.1074	1.1082	1.252	1.250	1.252

LTE BAND 4 Channel bandwidth: 3MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1711.5	19965	2.7187	2.7271	2.7146	3.006	3.011	3.002
1732.5	20175	2.7239	2.7113	2.7103	3.015	3.001	2.993
1753.5	20385	2.7151	2.7120	2.7268	3.015	3.013	2.986

LTE BAND 4 Channel bandwidth: 5MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1712.5	19957	4.5087	4.5139	4.5178	4.953	4.943	4.943
1732.5	20175	4.5160	4.5029	4.5045	4.997	4.968	4.930
1752.5	20375	4.5116	4.5143	4.5088	4.971	4.985	4.934

LTE BAND 4 Channel bandwidth: 10MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1715.0	20000	9.0484	9.0409	9.0478	10.469	10.504	10.412
1732.5	20175	9.0595	9.0683	9.0666	10.533	10.554	10.459
1750.0	20350	9.0747	9.0418	9.0679	10.579	10.515	10.503

LTE BAND 4 Channel bandwidth: 15MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1717.5	20025	13.511	13.499	13.480	15.404	15.443	15.569
1732.5	20175	13.540	13.568	13.556	15.456	16.056	15.847
1747.5	20325	13.566	13.554	13.538	16.008	15.601	15.632

LTE BAND 4 Channel bandwidth: 20MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1720.0	20050	17.959	17.927	17.893	20.009	19.683	19.837
1732.5	20175	18.039	18.034	18.020	20.036	19.819	20.673
1745.0	20300	18.056	18.061	18.042	20.189	20.210	20.115

LTE BAND 5 Channel bandwidth: 1.4MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
824.7	20407	1.1026	1.1095	1.1151	1.250	1.252	1.251
836.5	20525	1.1027	1.1042	1.1116	1.253	1.255	1.258
848.3	20643	1.1082	1.1031	1.1135	1.257	1.263	1.526

LTE BAND 5 Channel bandwidth: 3MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
825.5	20415	2.7164	2.7165	2.7187	2.992	3.011	3.019
836.5	20525	2.7233	2.7185	2.7207	3.008	3.012	2.998
847.5	20635	2.7305	2.7198	2.7353	3.012	3.009	3.376

LTE BAND 5 Channel bandwidth: 5MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
826.5	20425	4.5189	4.5200	4.5205	4.970	4.978	4.926
836.5	20525	4.5122	4.5123	4.5084	4.956	4.920	5.041
846.5	20625	4.5327	4.5184	4.5466	5.171	4.947	6.892

LTE BAND 5 Channel bandwidth: 10MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
829.0	20450	9.0696	9.0695	9.0856	10.437	10.429	10.536
836.5	20525	9.0731	9.0771	9.1154	10.516	10.451	10.578
844.0	20600	9.0790	9.0787	9.1220	10.522	10.475	11.593

LTE BAND 7 Channel bandwidth: 5MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
2502.5	20775	4.5232	4.5058	4.4945	4.999	4.955	4.933
2535.0	21100	4.5205	4.5288	4.5079	5.021	4.925	4.913
2567.5	21425	4.5303	4.5178	4.5190	6.038	4.971	4.959

LTE BAND 7 Channel bandwidth: 10MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
2505.0	20800	9.0860	9.0434	9.0737	10.571	10.467	10.526
2535.0	21100	9.0976	9.0769	9.0487	10.515	10.530	10.526
2565.0	21400	9.1262	9.0998	9.0975	12.609	13.854	10.537

LTE BAND 7 Channel bandwidth: 15MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
2507.5	20825	13.575	13.566	13.513	15.818	15.799	15.632
2535.0	21100	13.508	13.560	13.533	16.394	15.785	15.648
2562.5	21375	13.578	13.567	13.557	16.371	17.284	15.716

LTE BAND 7 Channel bandwidth: 20MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
2510.0	20850	18.032	18.074	18.060	20.199	20.119	20.005
2535.0	21100	18.018	18.021	18.015	20.270	20.069	20.175
2560.0	21350	18.044	18.037	18.054	20.154	21.516	20.077

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

LTE BAND 12 Channel bandwidth: 1.4MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
699.7	23017	1.1061	1.1094	1.1193	1.244	1.330	1.627
707.5	23095	1.0997	1.1013	1.1063	1.253	1.249	1.257
715.3	23173	1.1020	1.1057	1.1085	1.250	1.254	1.278

LTE BAND 12 Channel bandwidth: 3MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
700.5	23025	2.7307	2.7213	2.7268	3.021	3.000	3.129
707.5	23095	2.7113	2.7194	2.7165	3.013	2.994	2.991
714.5	23165	2.7191	2.7270	2.7261	3.006	3.005	3.045

LTE BAND 12 Channel bandwidth: 5MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
701.5	23035	4.5025	4.5133	4.5199	4.960	4.962	5.281
707.5	23095	4.5135	4.5058	4.5217	4.966	4.941	5.023
713.5	23155	4.5308	4.5205	4.5287	5.004	4.936	6.085

LTE BAND 12 Channel bandwidth: 10MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
704.0	23060	9.1534	9.1493	9.1816	10.575	10.544	11.184
707.5	23095	9.0542	9.0757	9.0486	10.461	10.510	10.502
711.0	23130	9.0009	9.0010	9.0087	10.409	10.374	10.434

LTE BAND 13 Channel bandwidth: 5MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
779.5	23205	4.5088	4.4992	4.5048	5.083	4.943	5.280
782.0	23230	4.5257	4.5204	4.5405	5.013	4.956	5.951
784.5	23255	4.5169	4.5063	4.5118	5.038	4.953	5.139

LTE BAND 13 Channel bandwidth: 10MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
782.0	23230	9.047	9.056	9.058	10.328	10.511	10.920

LTE BAND 14 Channel bandwidth: 5MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
790.5	23305	4.5244	4.5156	4.7076	4.977	6.311	9.803
793.0	23330	4.5288	4.5146	4.6597	4.959	4.946	9.781
795.5	23355	4.5095	4.5102	4.5966	4.979	4.937	9.980

LTE BAND 14 Channel bandwidth: 10MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
793.0	23330	9.059	9.052	9.242	10.489	10.544	14.600

LTE BAND 17 Channel bandwidth: 5MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
706.5	23755	4.5090	4.5157	4.5301	4.954	4.939	4.928
710.0	23790	4.4982	4.4944	4.5108	4.965	4.944	5.247
713.5	23825	4.5377	4.5162	4.5365	5.115	4.949	6.548

LTE BAND 17 Channel bandwidth: 10MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
709.0	23780	9.0139	9.0140	9.0553	10.338	10.298	10.553
710.0	23790	9.0034	9.0118	8.9945	10.418	10.389	10.462
711.0	23800	9.0035	9.0097	9.0366	10.356	10.401	10.493

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

LTE BAND 25 Channel bandwidth: 1.4MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1850.7	26047	1.1149	1.1050	1.1098	1.242	1.256	1.253
1882.5	26365	1.1062	1.1062	1.1086	1.251	1.254	1.249
1914.3	26683	1.6715	1.1206	1.1090	2.743	1.512	1.376

LTE BAND 25 Channel bandwidth: 3MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1851.5	26055	2.7109	2.7181	2.7092	3.007	3.013	2.994
1882.5	26365	2.7199	2.7159	2.7181	3.005	2.999	3.009
1913.5	26675	2.7452	2.7118	2.7122	3.721	3.022	2.998

LTE BAND 25 Channel bandwidth: 5MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1852.5	26065	4.5140	4.5102	4.5046	4.957	4.975	4.928
1882.5	26365	4.5140	4.5133	4.5033	4.993	4.944	4.968
1912.5	26665	4.5206	4.5051	4.5121	5.356	4.927	4.946

LTE BAND 25 Channel bandwidth: 10MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1855.0	26090	9.0664	9.0512	9.0362	10.467	10.425	10.488
1882.5	26365	9.0566	9.0479	9.0292	10.489	10.450	10.480
1910.0	26640	9.1223	9.0748	9.0965	11.006	10.655	10.559

LTE BAND 25 Channel bandwidth: 15MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1857.5	26115	13.517	13.475	13.516	15.937	15.450	15.678
1882.5	26365	13.529	13.495	13.484	15.611	15.639	15.495
1907.5	26615	13.563	13.599	13.536	16.176	15.777	15.530

LTE BAND 25 Channel bandwidth: 20MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1860.0	26140	17.9910	17.9890	18.0080	19.951	19.975	19.855
1882.5	26365	17.9330	17.9150	17.9400	20.047	20.038	19.764
1905.0	26590	17.9970	18.0660	18.0050	20.154	20.230	19.969

LTE BAND 26 Channel bandwidth: 1.4MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
824.7	26797	1.1029	1.1026	1.1103	1.252	1.251	1.331
836.5	26915	1.1042	1.1112	1.1055	1.253	1.251	1.260
848.3	27033	1.1066	1.1095	1.1164	1.253	1.299	1.701

LTE BAND 26 Channel bandwidth: 3MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
825.5	26805	2.7165	2.7243	2.7303	3.021	3.010	3.043
836.5	26915	2.7214	2.7125	2.7129	3.003	2.991	3.011
847.5	27025	2.7322	2.7261	2.7348	3.015	3.009	3.397

LTE BAND 26 Channel bandwidth: 5MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
826.5	26815	4.5163	4.5045	4.5262	4.965	4.948	4.928
836.5	26915	4.5350	4.5212	4.5130	4.956	4.938	4.961
846.5	27015	4.5326	4.5329	4.5419	4.973	4.956	6.313

LTE BAND 26 Channel bandwidth: 10MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
829.0	26840	9.0612	9.0772	9.0881	10.545	10.509	10.672
836.5	26915	9.0580	9.0793	9.0816	10.455	10.459	10.553
844.0	26990	9.0752	9.0712	9.1061	10.506	10.395	11.716

LTE BAND 26 Channel bandwidth: 15MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
831.5	26865	13.569	13.583	13.597	15.988	16.050	16.559
836.5	26915	13.549	13.566	13.560	15.870	15.495	16.055
841.5	26965	13.505	13.466	13.490	15.576	15.321	15.450

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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 for part 90S Channel bandwidth: 1.4MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
814.7	26697	1.1028	1.1061	1.1092	1.259	1.258	1.256
819.0	26740	1.0971	1.1031	1.1044	1.253	1.247	1.257
823.3	26783	1.1012	1.1042	1.1149	1.249	1.256	1.322

LTE BAND 26 for part 90S Channel bandwidth: 3MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
815.5	26705	2.7134	2.7178	2.7215	3.004	3.012	3.012
819.0	26740	2.7188	2.7170	2.7149	3.005	3.003	3.002
822.5	26775	2.7154	2.7253	2.7357	3.001	3.012	3.003

LTE BAND 26 for part 90S Channel bandwidth: 5MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
816.5	26715	4.5180	4.5063	4.5168	4.957	4.939	4.998
819.0	26740	4.5137	4.5126	4.5048	4.957	4.937	4.933
821.5	26765	4.5187	4.5178	4.5207	4.971	4.930	5.257

LTE BAND 26 for part 90S Channel bandwidth: 10MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
819.0	26740	9.0776	9.0744	9.0917	10.452	10.520	10.470

LTE BAND 30 Channel bandwidth: 5MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
2307.5	27685	4.5309	4.5120	4.5130	4.983	4.952	5.229
2310.0	27710	4.5280	4.5147	4.5077	4.936	4.943	5.382
2312.5	27735	4.5113	4.5142	4.5254	4.971	4.955	4.943

LTE BAND 30 Channel bandwidth: 10MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
2310.0	27710	9.0614	9.0519	9.0673	10.617	10.481	10.491

LTE BAND 38 Channel bandwidth: 5MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
2572.5	37775	4.5325	4.5159	4.5261	5.190	5.704	5.884
2595.0	38000	4.5368	4.5148	4.5166	5.028	5.097	4.892
2617.5	38225	4.5186	4.5211	4.5325	5.007	4.987	5.000

LTE BAND 38 Channel bandwidth: 10MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
2575.0	37800	9.0624	9.0537	9.1038	10.398	10.476	13.714
2595.0	38000	9.0862	9.0219	9.0227	10.495	10.380	10.400
2615.0	38200	9.0461	9.0504	9.0771	10.530	10.378	10.514

LTE BAND 38 Channel bandwidth: 15MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
2577.5	37825	13.517	13.565	13.515	15.697	17.077	15.643
2595.0	38000	13.525	13.582	13.564	15.959	15.722	15.637
2612.5	38175	13.527	13.538	13.578	15.950	15.723	15.775

LTE BAND 38 Channel bandwidth: 20MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
2580.0	37850	17.998	17.997	18.027	19.958	21.291	27.533
2595.0	38000	18.011	17.990	18.033	20.097	20.267	21.283
2610.0	38150	17.976	18.023	18.005	19.963	19.952	22.433

LTE BAND 41 Channel bandwidth: 5MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
2498.5	39675	4.5224	4.4985	4.5197	4.979	5.055	5.115
2593.0	40620	4.5193	4.5238	4.5321	5.018	5.815	5.862
2687.5	41565	4.5240	4.5070	4.5019	5.127	5.042	4.933

LTE BAND 41 Channel bandwidth: 10MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
2501.0	39700	9.0443	9.0019	9.0602	10.459	10.380	10.429
2593.0	40620	9.0247	9.0402	9.0438	10.439	10.436	12.164
2685.0	41540	9.0655	9.0593	9.0320	10.642	10.473	10.380

LTE BAND 41 Channel bandwidth: 15MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
2503.5	39725	13.522	13.497	13.534	15.557	15.460	17.762
2593.0	40620	13.558	13.529	13.508	15.687	15.539	15.364
2682.5	41515	13.510	13.488	13.594	15.639	15.526	15.905

LTE BAND 41 Channel bandwidth: 20MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
2506.0	39750	17.976	17.940	17.982	20.015	19.986	23.731
2593.0	40620	17.934	18.041	18.056	20.111	19.860	23.370
2680.0	41490	18.018	18.001	17.969	20.102	20.060	22.104

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

LTE BAND 66 Channel bandwidth: 1.4MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1710.7	131979	1.1003	1.1098	1.1080	1.256	1.253	1.254
1745.0	132322	1.1030	1.1097	1.1027	1.257	1.255	1.253
1779.3	132665	1.1027	1.1003	1.0971	1.255	1.262	1.259

LTE BAND 66 Channel bandwidth: 3MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1711.5	131987	2.7178	2.7227	2.7232	3.013	3.012	3.014
1745.0	132322	2.7153	2.7202	2.7180	3.006	2.992	3.008
1778.5	132657	2.7275	2.7244	2.7165	3.008	3.007	3.009

LTE BAND 66 Channel bandwidth: 5MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1712.5	131997	4.5231	4.5131	4.5111	4.967	4.948	4.988
1745.0	132322	4.5310	4.5102	4.5033	5.179	5.128	4.970
1777.5	132647	4.5309	4.5091	4.5062	5.013	4.957	4.957

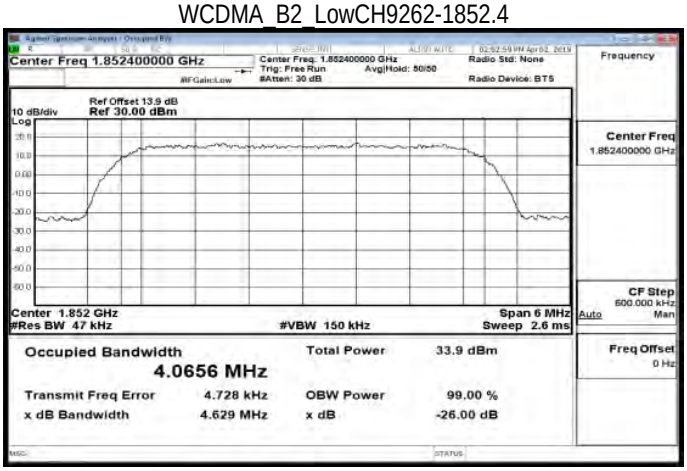
LTE BAND 66 Channel bandwidth: 10MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1715.0	132022	9.0318	9.0398	9.0270	10.520	10.464	10.444
1745.0	132322	9.0792	9.0700	9.0363	10.594	10.489	10.409
1775.0	132622	9.0890	9.0840	9.0514	10.580	10.561	10.585

LTE BAND 66 Channel bandwidth: 15MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1717.5	132047	13.5120	13.4780	13.4710	15.810	15.353	15.556
1745.0	132322	13.5950	13.5400	13.5680	15.892	16.294	15.641
1772.5	132597	13.5640	13.5660	13.5300	16.054	15.576	15.499

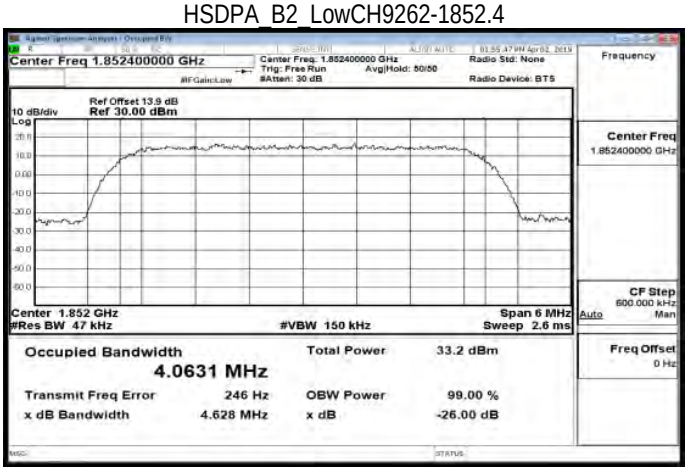
LTE BAND 66 Channel bandwidth: 20MHz							
Freq. (MHz)	CH	99% BW (MHz)			26 dB BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1720.0	132072	17.9270	17.8790	17.9270	20.033	19.942	19.689
1745.0	132322	18.0520	18.0450	18.0130	23.682	20.109	20.034
1770.0	132572	18.0230	18.0200	18.0080	20.279	20.147	20.244

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

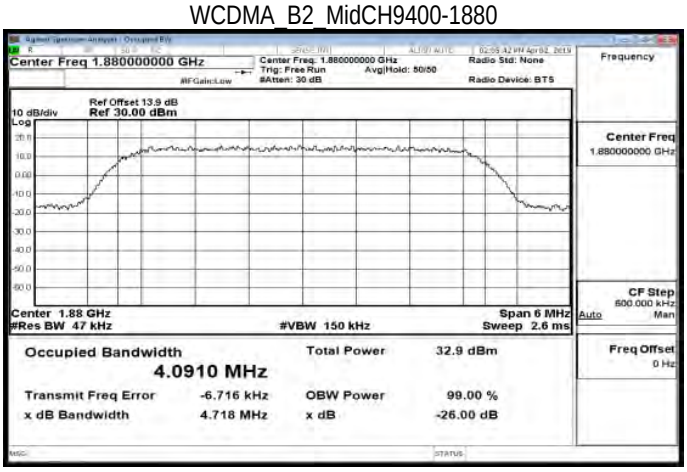
WCDMA_B2_LowCH9262-1852.4



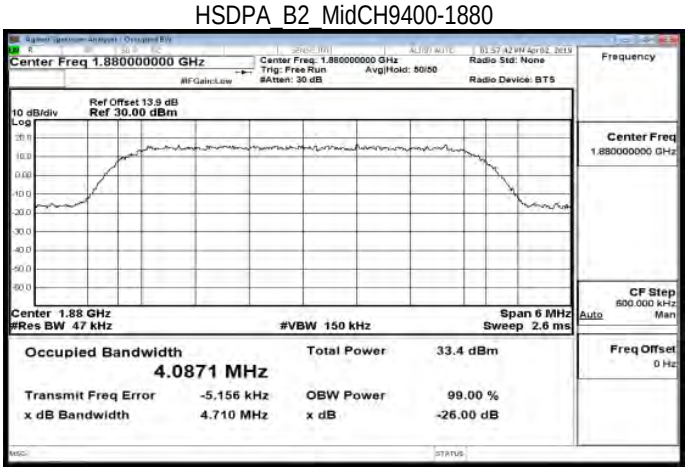
HSDPA_B2_LowCH9262-1852.4



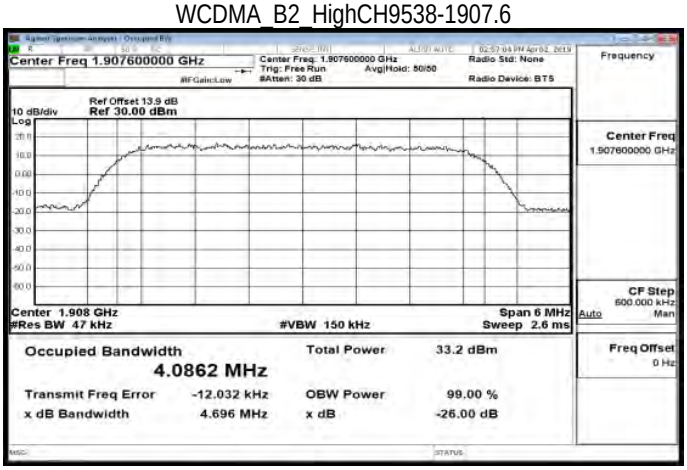
WCDMA_B2_MidCH9400-1880



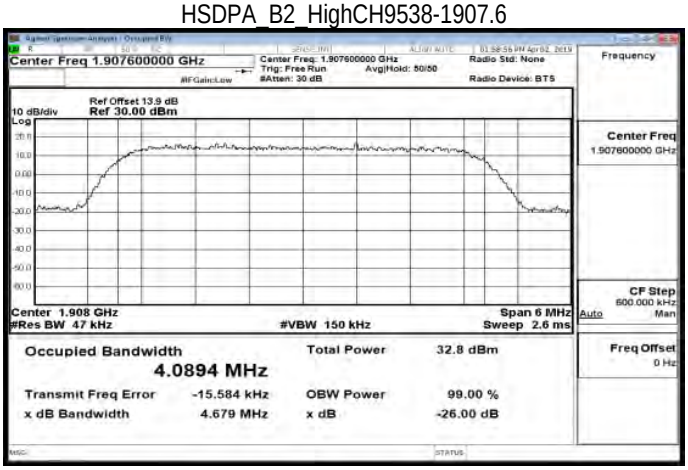
HSDPA_B2_MidCH9400-1880



WCDMA_B2_HighCH9538-1907.6

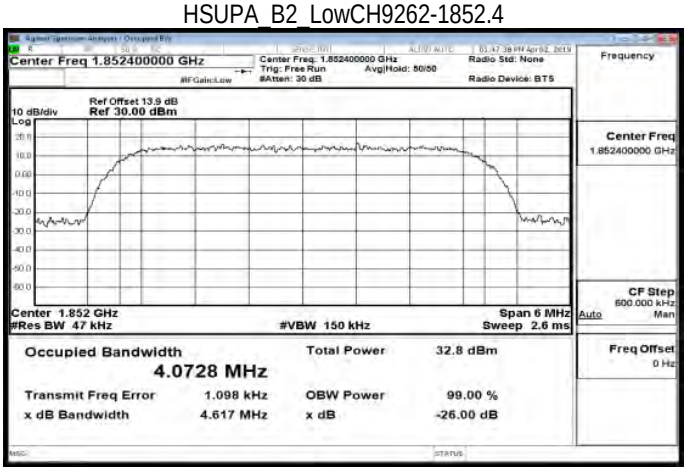


HSDPA_B2_HighCH9538-1907.6

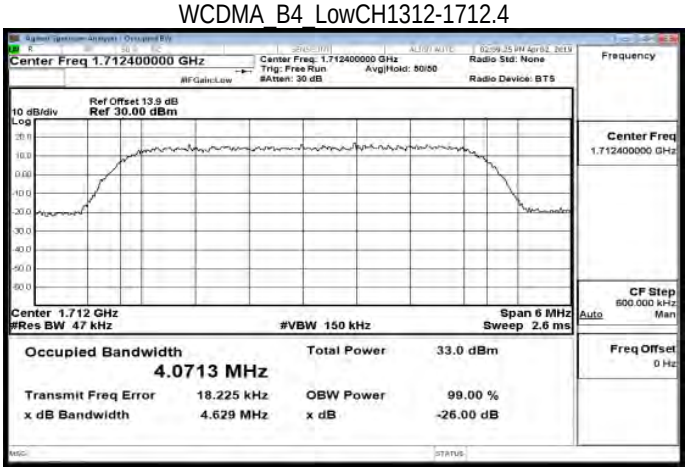


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

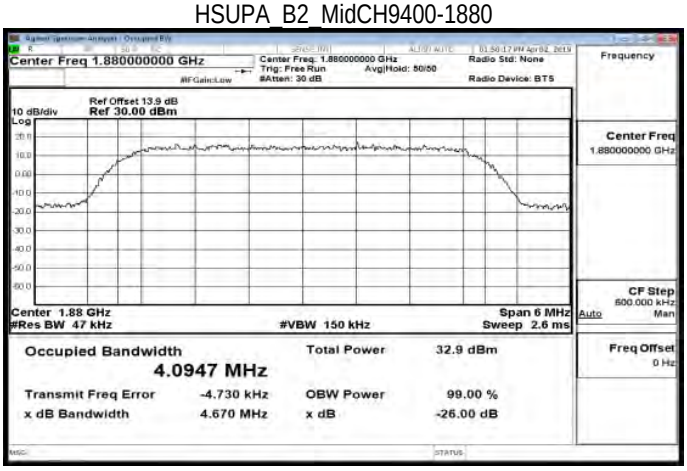
HSUPA_B2_LowCH9262-1852.4



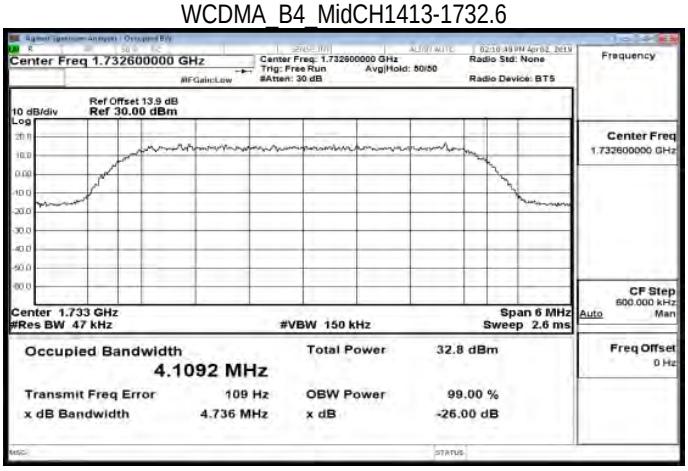
WCDMA_B4_LowCH1312-1712.4



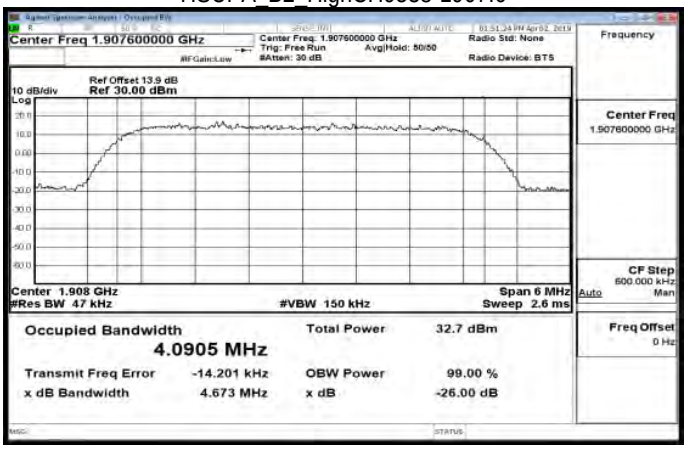
HSUPA_B2_MidCH9400-1880



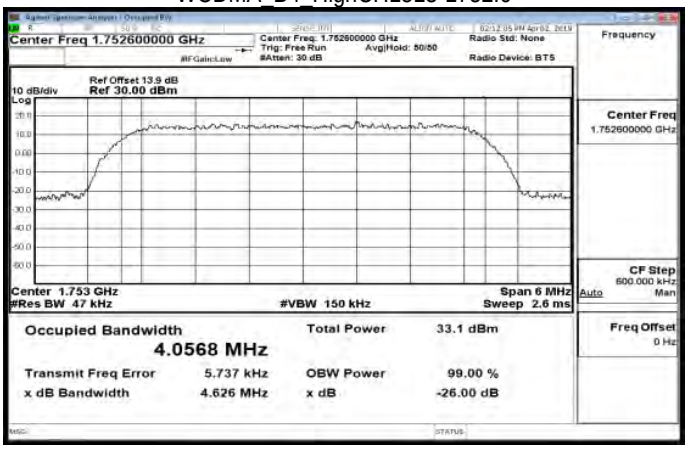
WCDMA_B4_MidCH1413-1732.6



HSUPA_B2_HighCH9538-1907.6

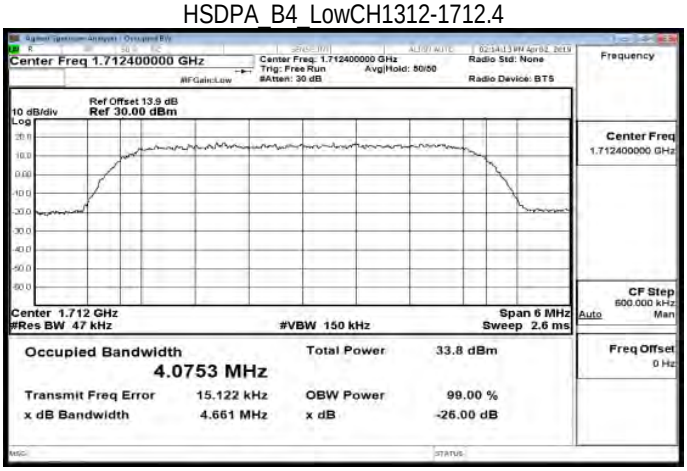


WCDMA_B4_HighCH1513-1752.6

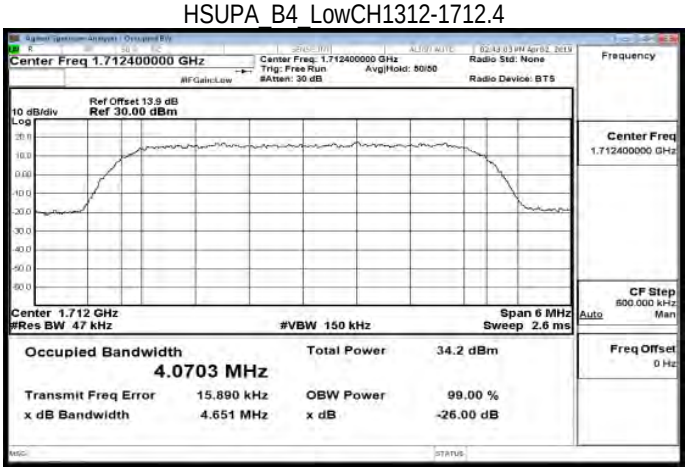


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

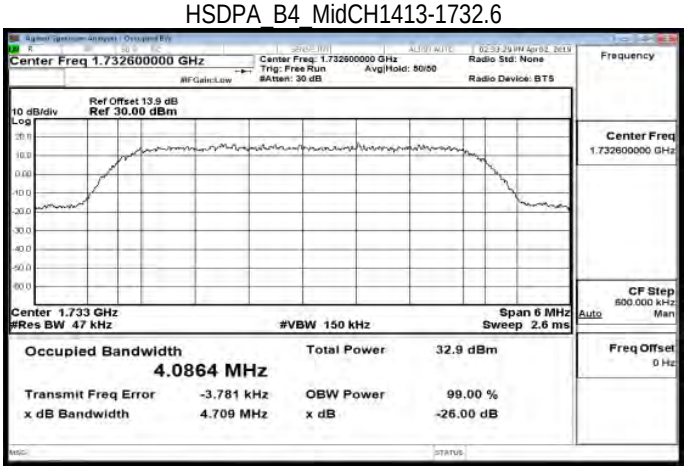
HSDPA_B4_LowCH1312-1712.4



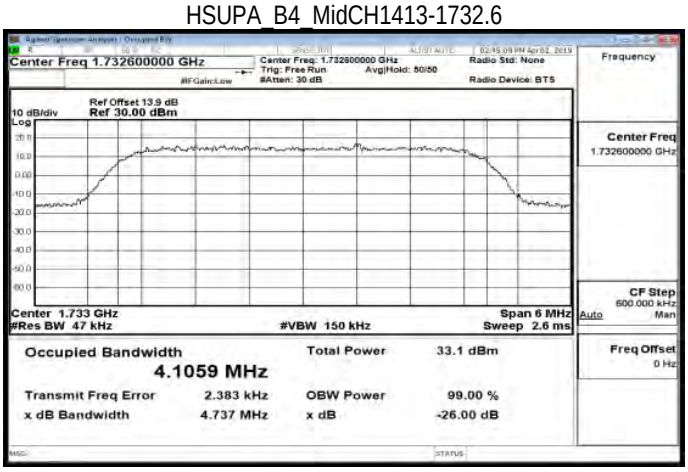
HSUPA_B4_LowCH1312-1712.4



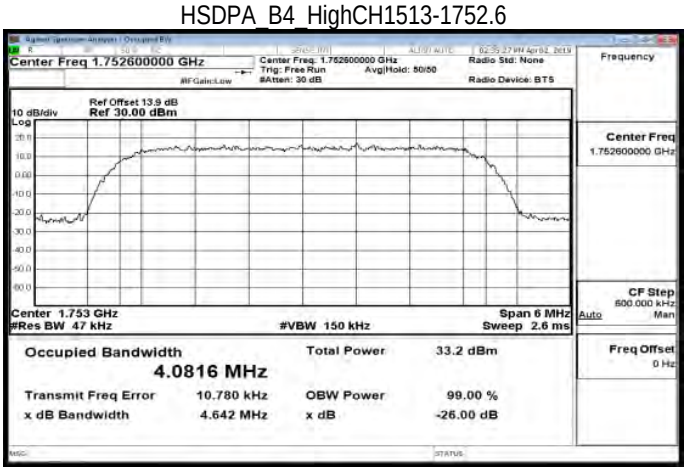
HSDPA_B4_MidCH1413-1732.6



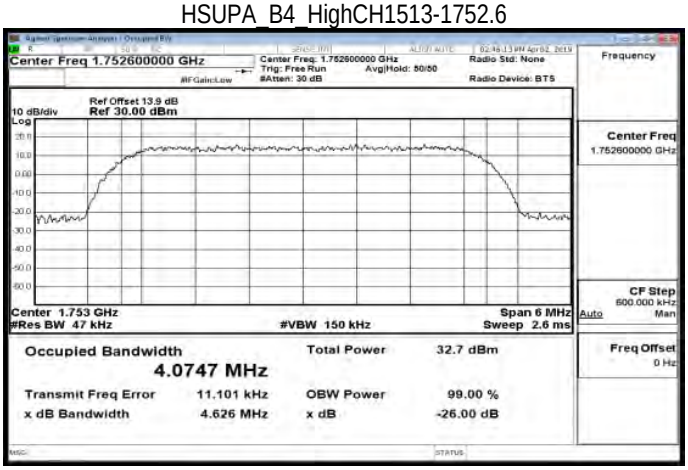
HSUPA_B4_MidCH1413-1732.6



HSDPA_B4_HighCH1513-1752.6

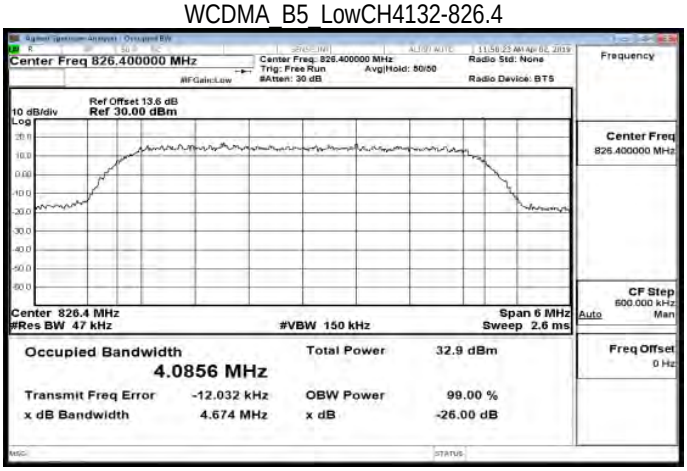


HSUPA_B4_HighCH1513-1752.6

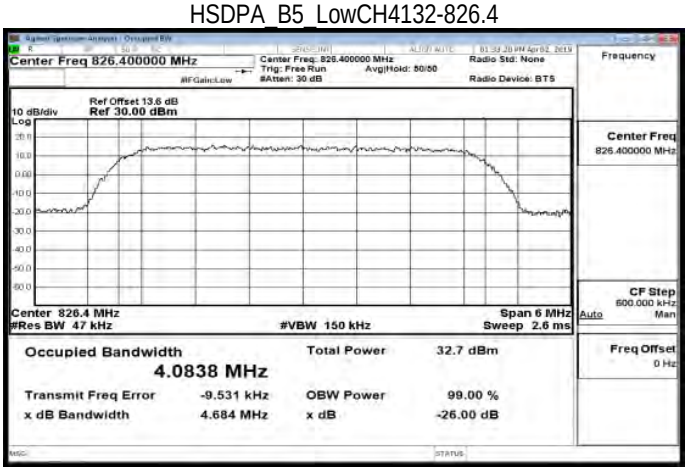


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

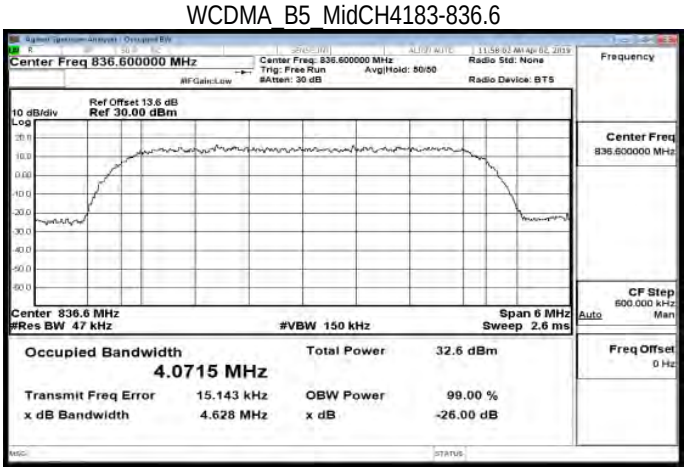
WCDMA_B5_LowCH4132-826.4



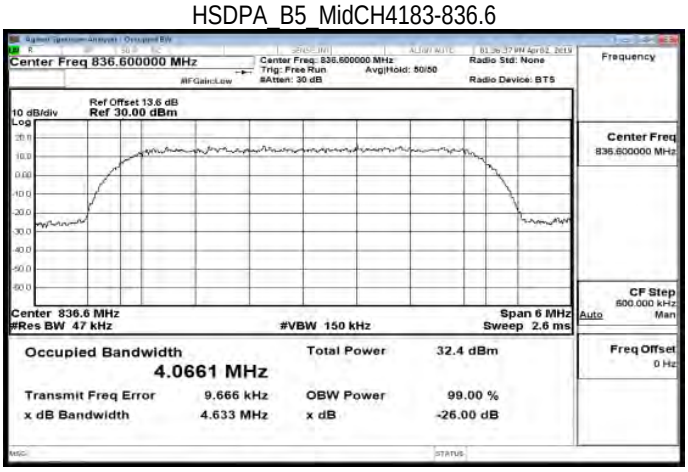
HSDPA_B5_LowCH4132-826.4



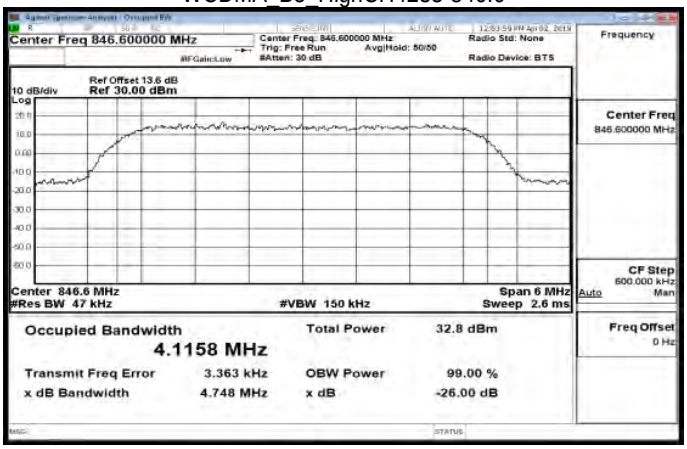
WCDMA_B5_MidCH4183-836.6



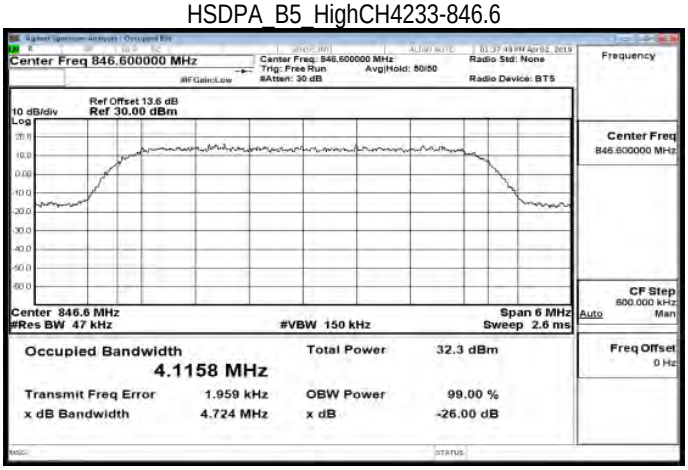
HSDPA_B5_MidCH4183-836.6



WCDMA_B5_HighCH4233-846.6

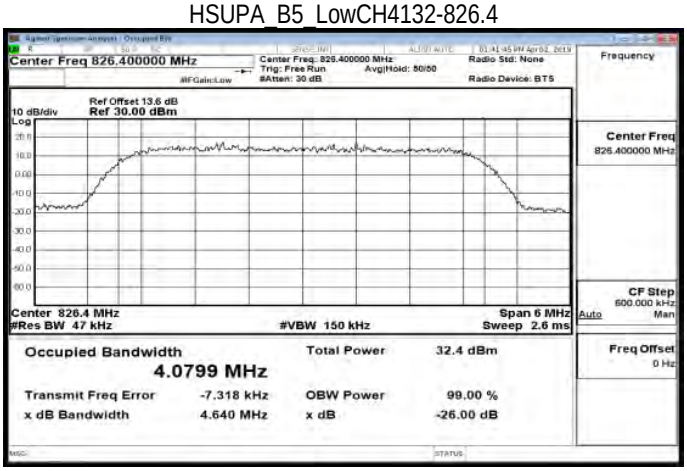


HSDPA_B5_HighCH4233-846.6

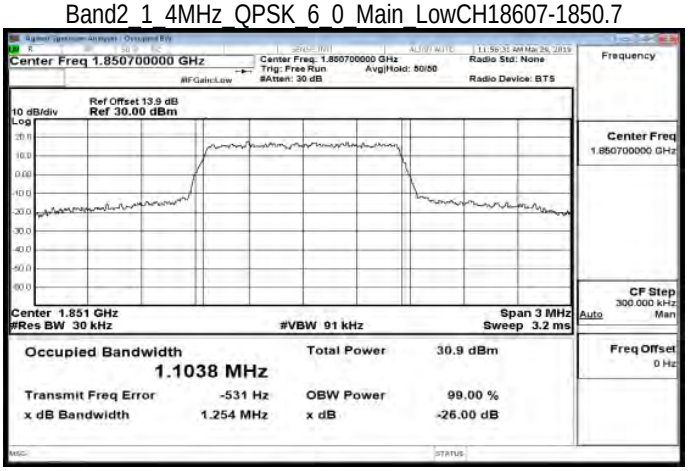


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

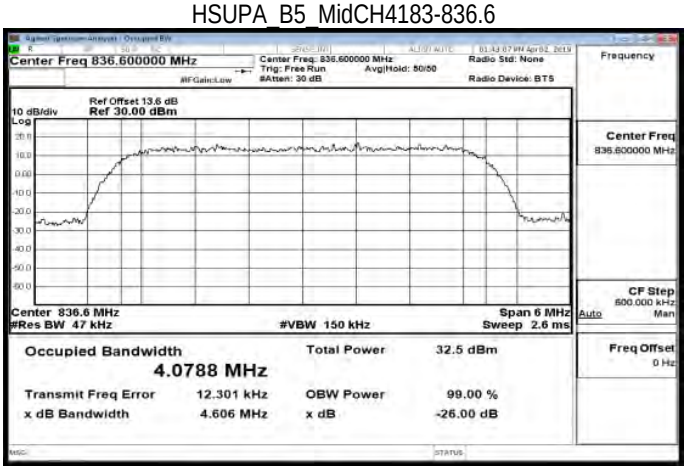
HSUPA_B5_LowCH4132-826.4



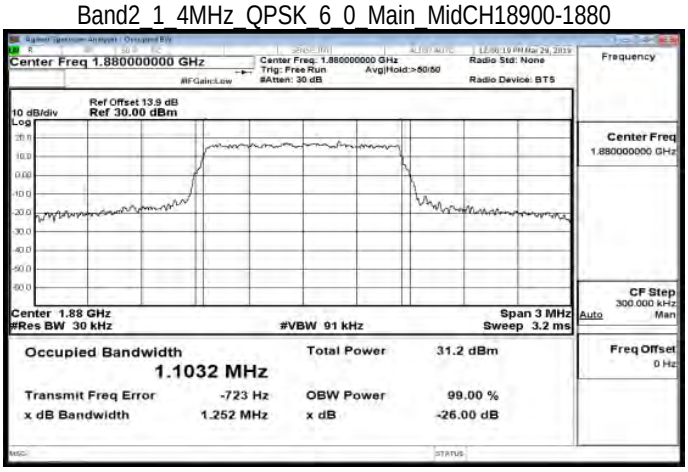
Band2_1_4MHz_QPSK_6_0_Main_LowCH18607-1850.7



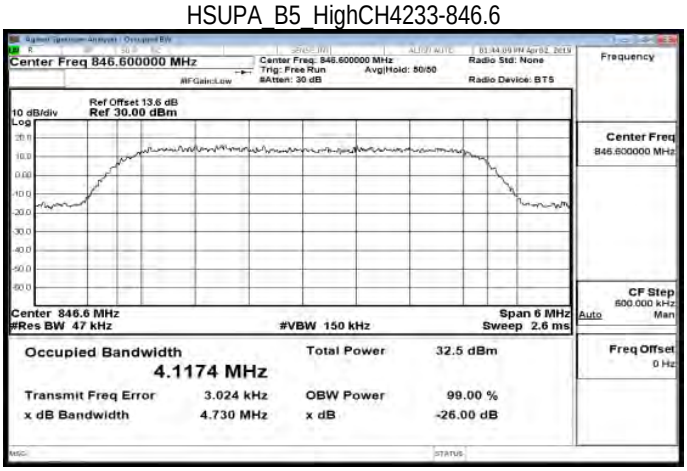
HSUPA_B5_MidCH4183-836.6



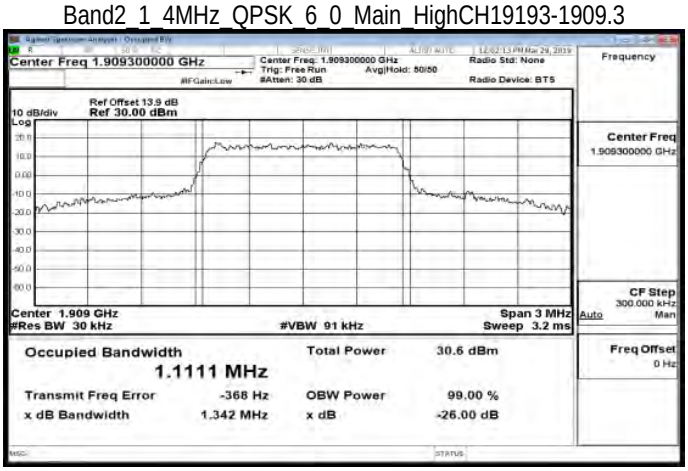
Band2_1_4MHz_QPSK_6_0_Main_MidCH18900-1880



HSUPA_B5_HighCH4233-846.6

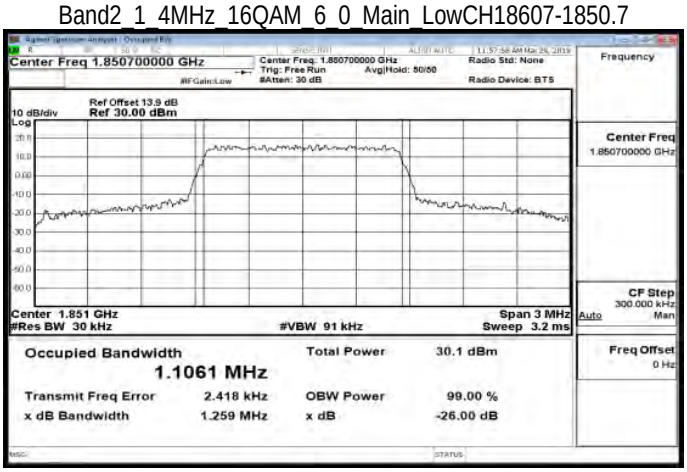


Band2_1_4MHz_QPSK_6_0_Main_HighCH19193-1909.3

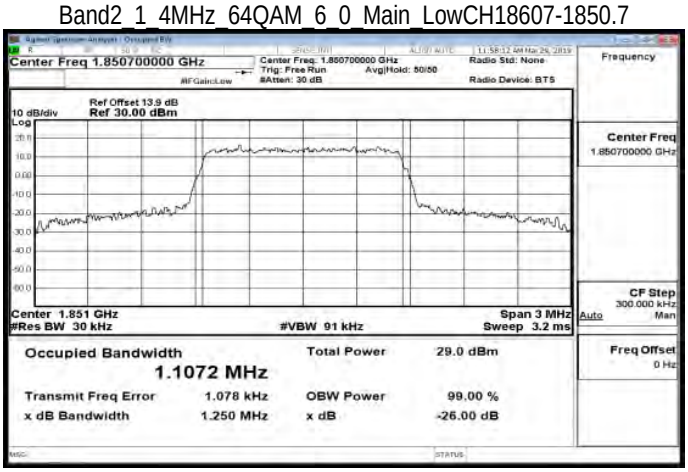


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

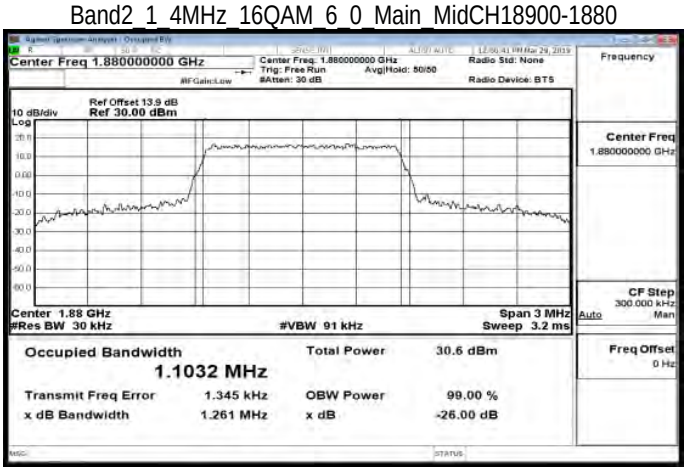
Band2_1_4MHz_16QAM_6_0_Main_LowCH18607-1850.7



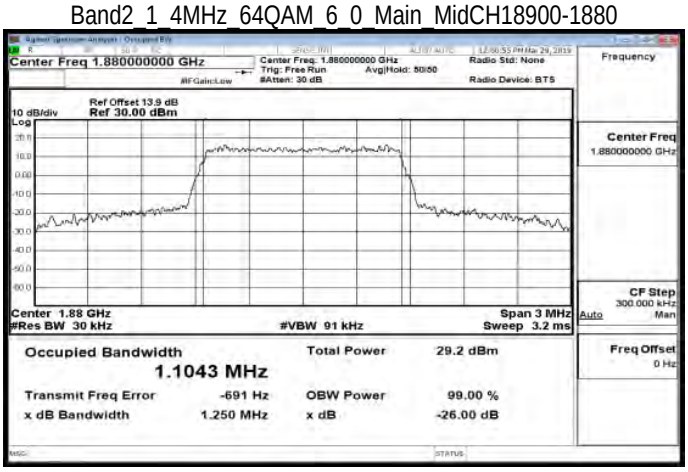
Band2_1_4MHz_64QAM_6_0_Main_LowCH18607-1850.7



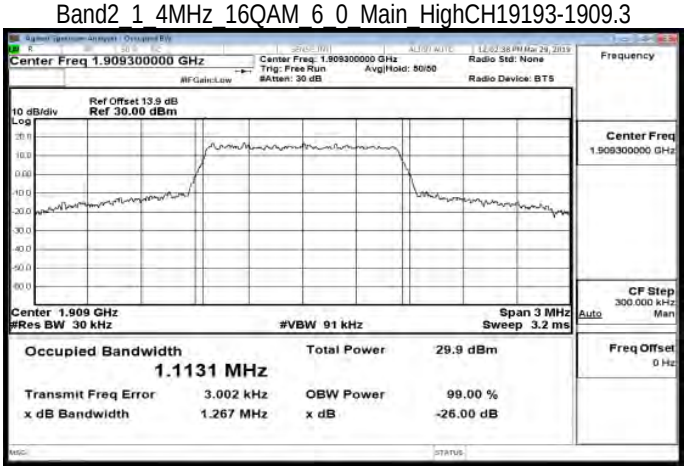
Band2_1_4MHz_16QAM_6_0_Main_MidCH18900-1880



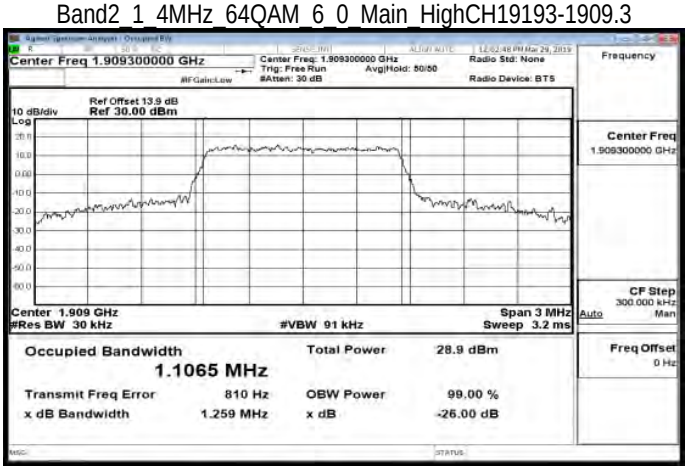
Band2_1_4MHz_64QAM_6_0_Main_MidCH18900-1880



Band2_1_4MHz_16QAM_6_0_Main_HighCH19193-1909.3

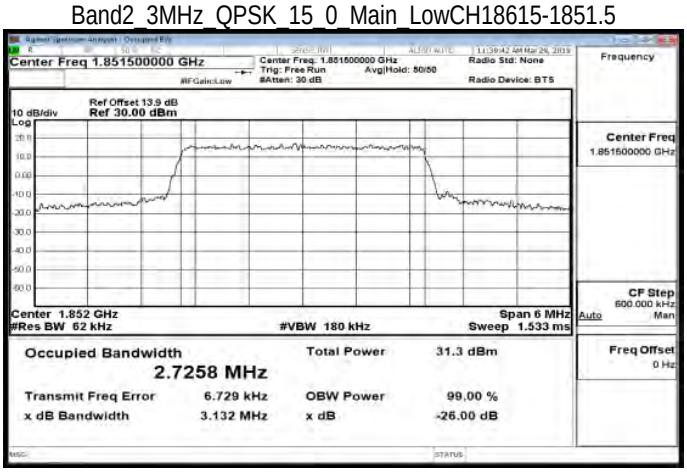


Band2_1_4MHz_64QAM_6_0_Main_HighCH19193-1909.3

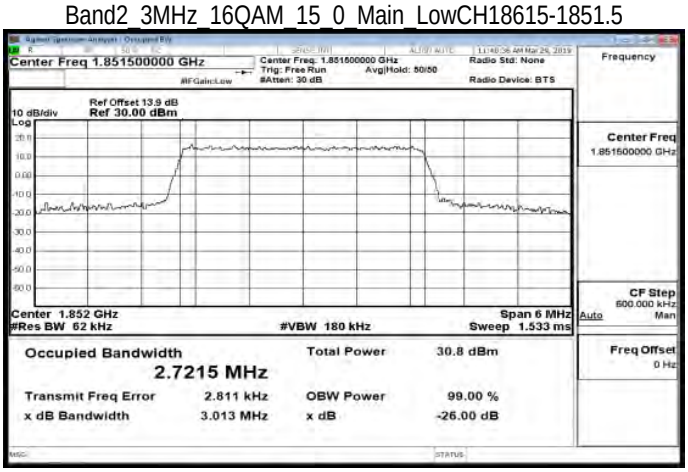


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

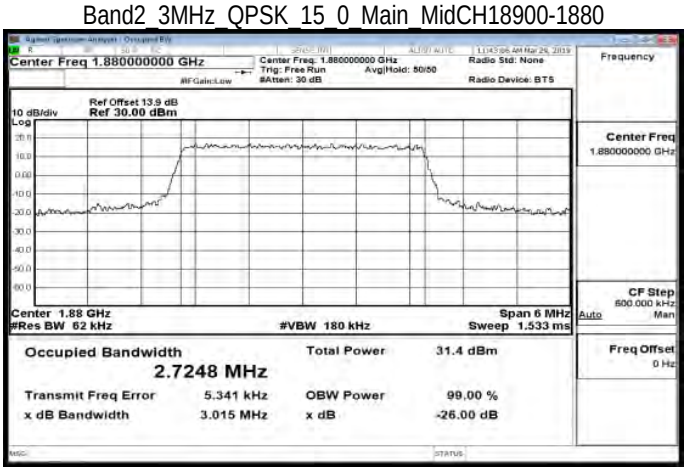
Band2_3MHz_QPSK_15_0_Main_LowCH18615-1851.5



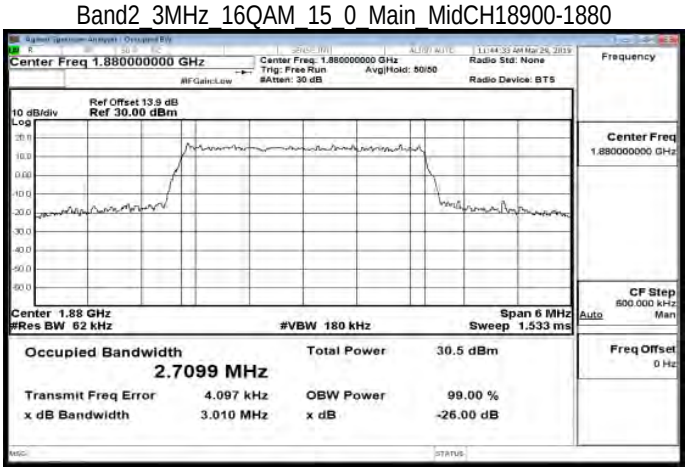
Band2_3MHz_16QAM_15_0_Main_LowCH18615-1851.5



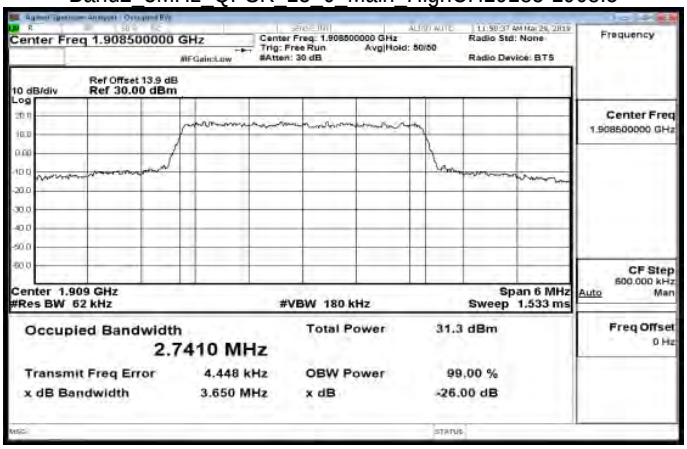
Band2_3MHz_QPSK_15_0_Main_MidCH18900-1880



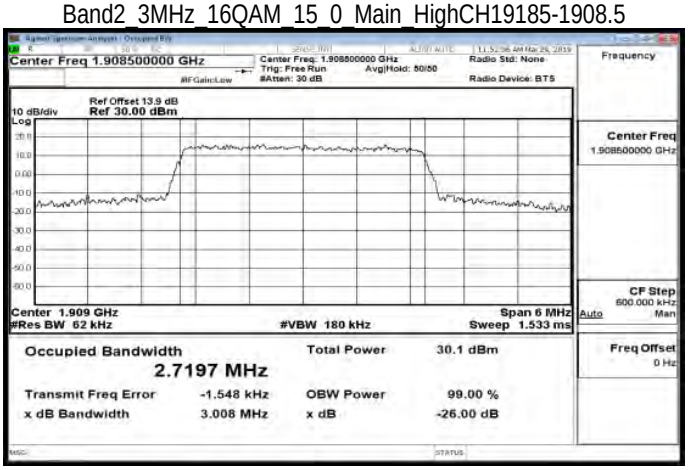
Band2_3MHz_16QAM_15_0_Main_MidCH18900-1880



Band2_3MHz_QPSK_15_0_Main_HighCH19185-1908.5

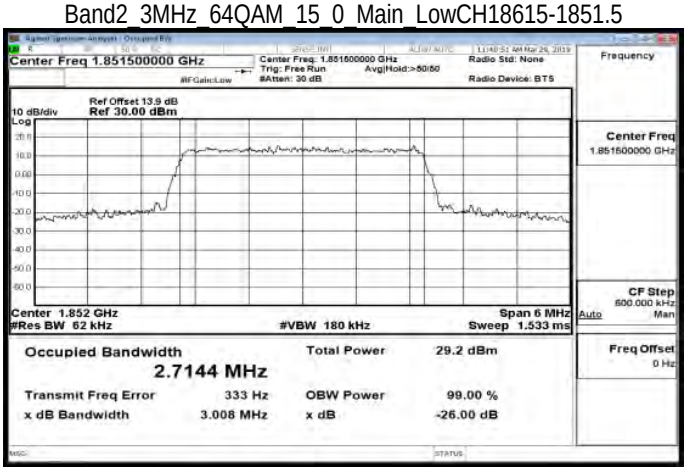


Band2_3MHz_16QAM_15_0_Main_HighCH19185-1908.5

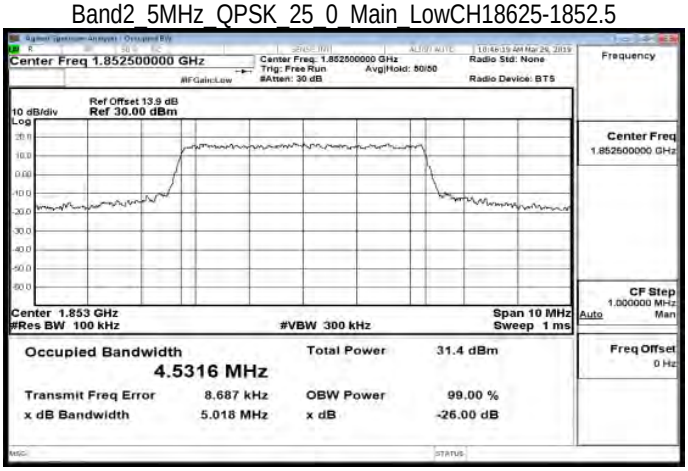


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

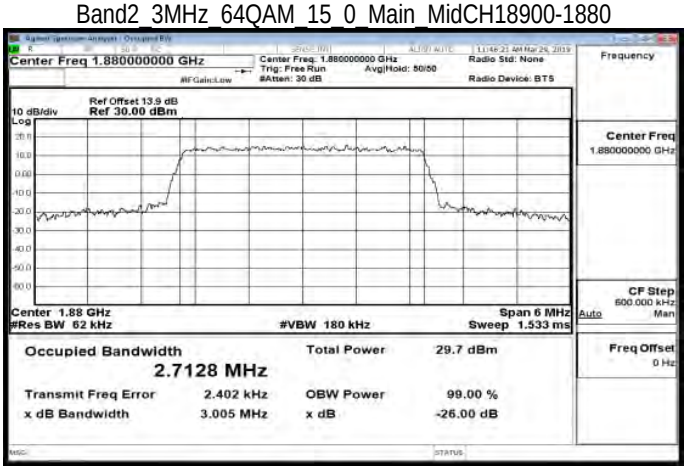
Band2_3MHz_64QAM_15_0_Main_LowCH18615-1851.5



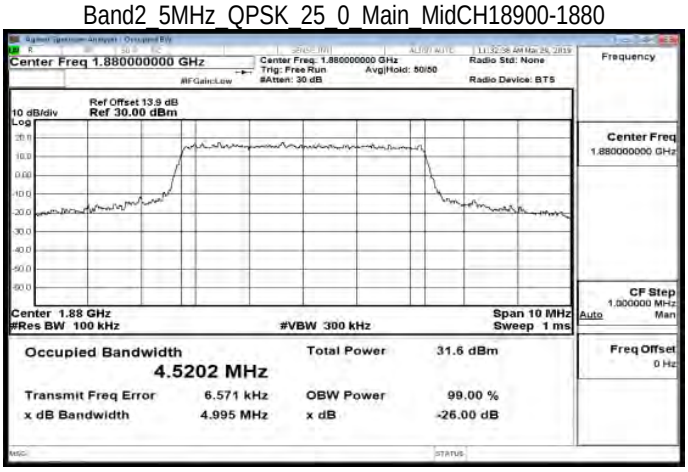
Band2_5MHz_QPSK_25_0_Main_LowCH18625-1852.5



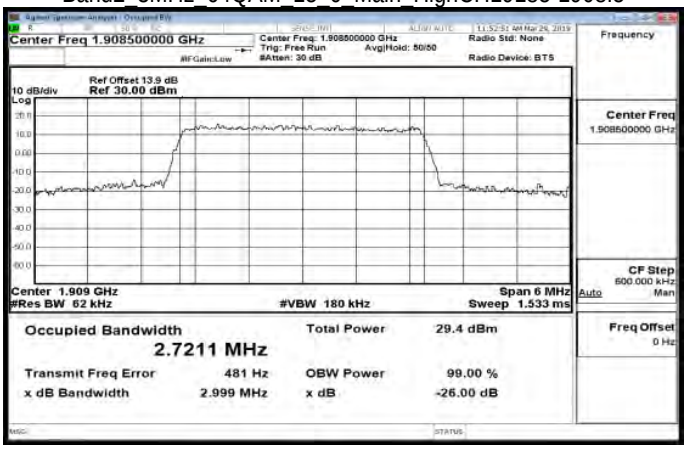
Band2_3MHz_64QAM_15_0_Main_MidCH18900-1880



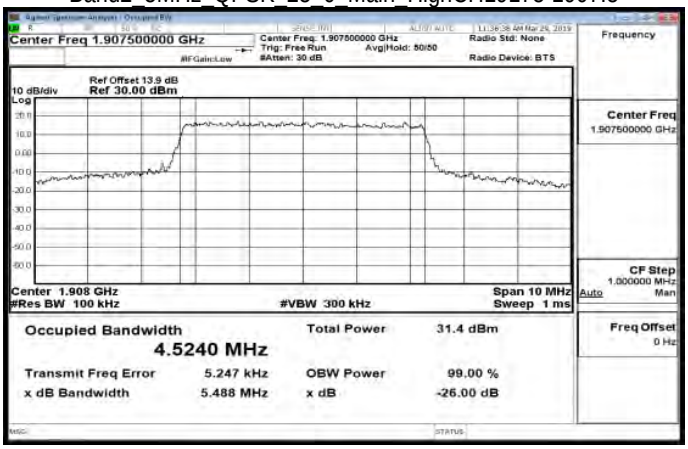
Band2_5MHz_QPSK_25_0_Main_MidCH18900-1880



Band2_3MHz_64QAM_15_0_Main_HighCH19185-1908.5

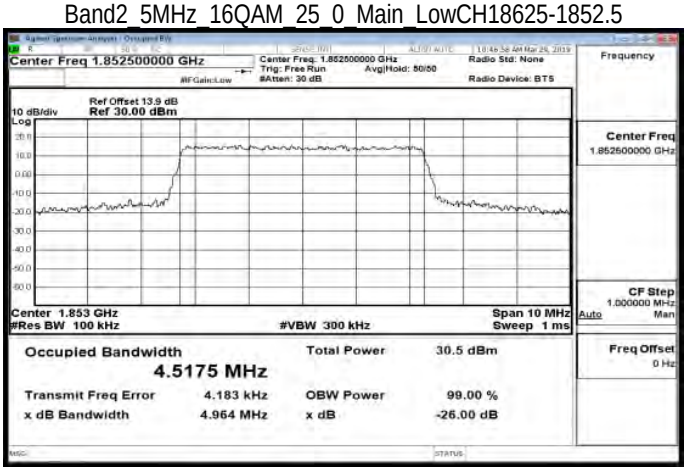


Band2_5MHz_QPSK_25_0_Main_HighCH19175-1907.5

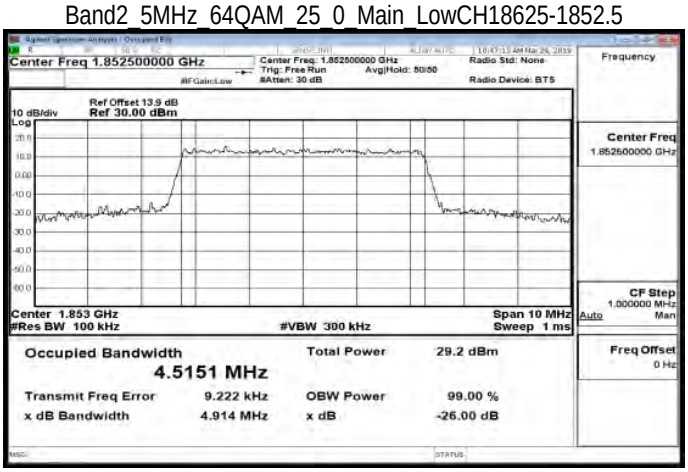


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

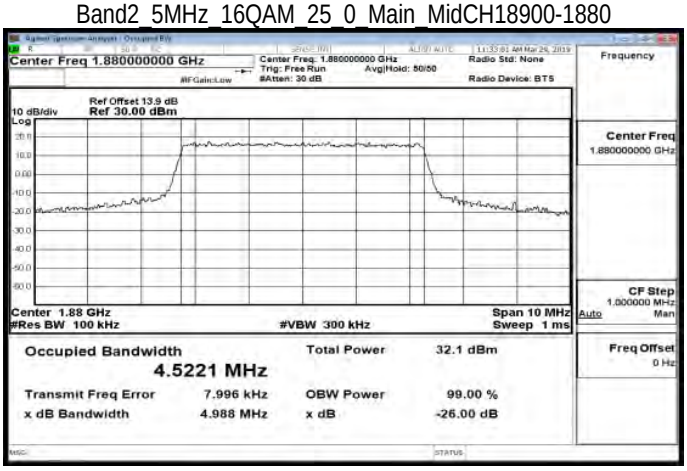
Band2_5MHz_16QAM_25_0_Main_LowCH18625-1852.5



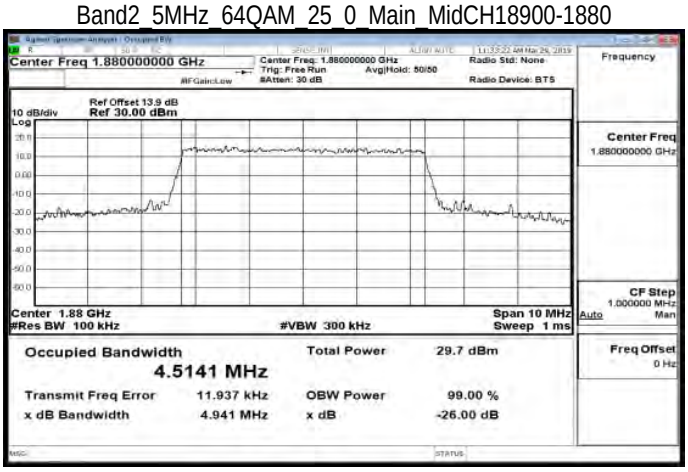
Band2_5MHz_64QAM_25_0_Main_LowCH18625-1852.5



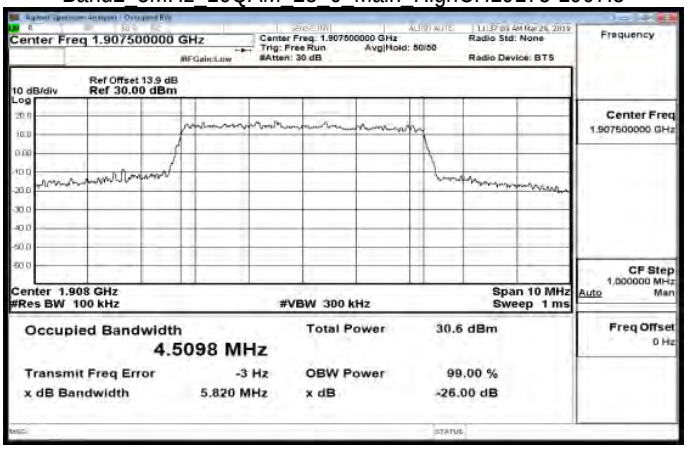
Band2_5MHz_16QAM_25_0_Main_MidCH18900-1880



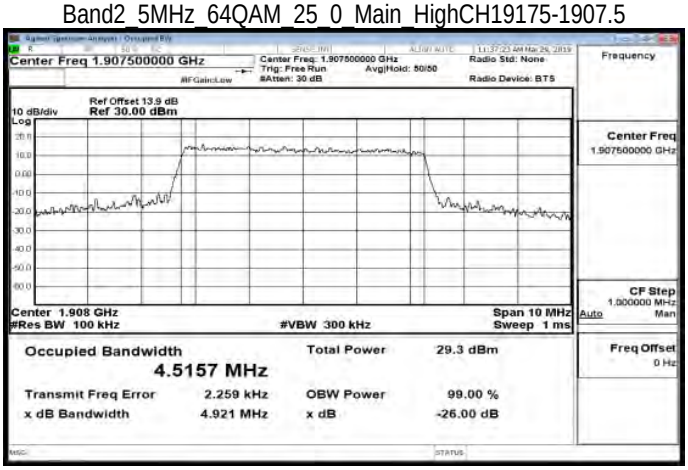
Band2_5MHz_64QAM_25_0_Main_MidCH18900-1880



Band2_5MHz_16QAM_25_0_Main_HighCH19175-1907.5

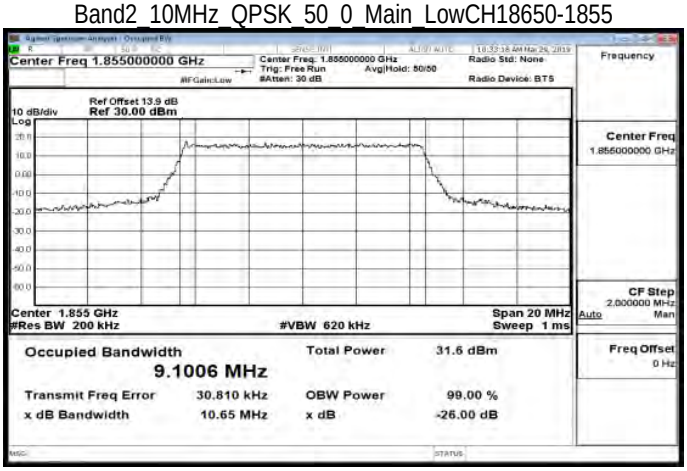


Band2_5MHz_64QAM_25_0_Main_HighCH19175-1907.5

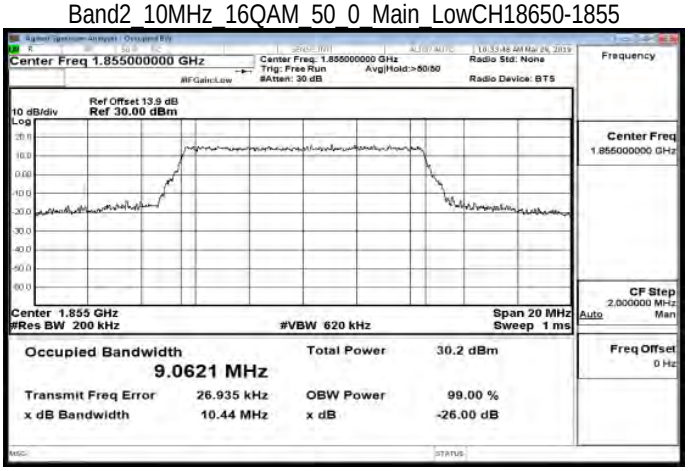


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

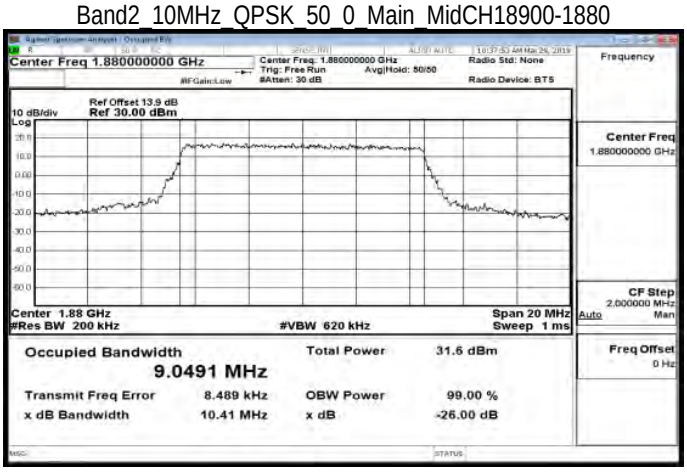
Band2_10MHz_QPSK_50_0_Main_LowCH18650-1855



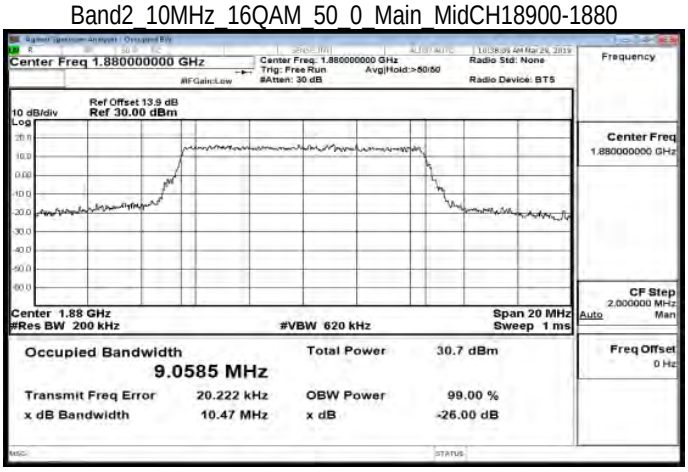
Band2_10MHz_16QAM_50_0_Main_LowCH18650-1855



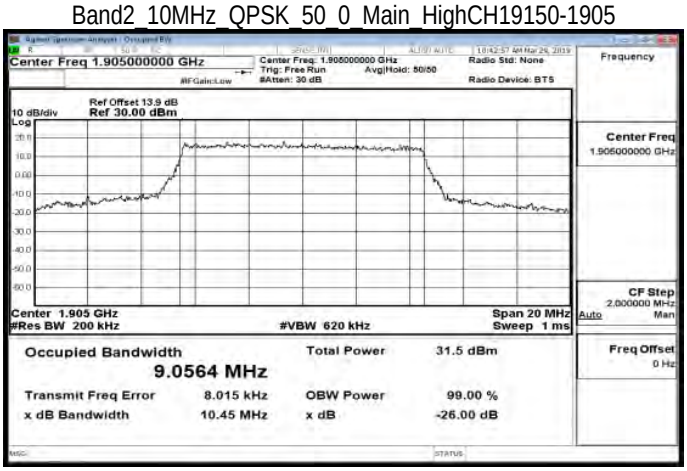
Band2_10MHz_QPSK_50_0_Main_MidCH18900-1880



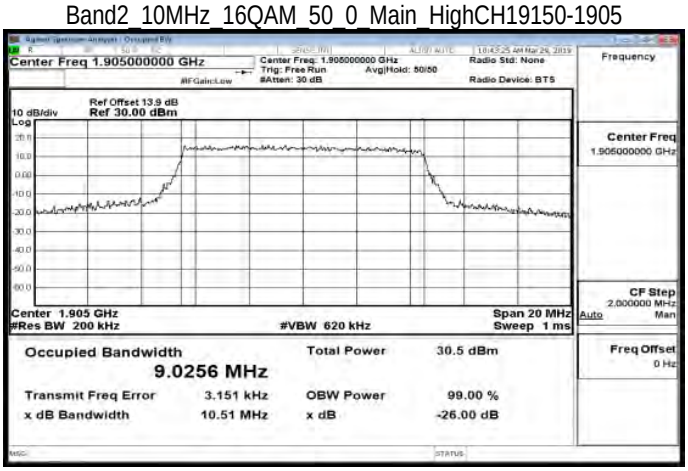
Band2_10MHz_16QAM_50_0_Main_MidCH18900-1880



Band2_10MHz_QPSK_50_0_Main_HighCH19150-1905

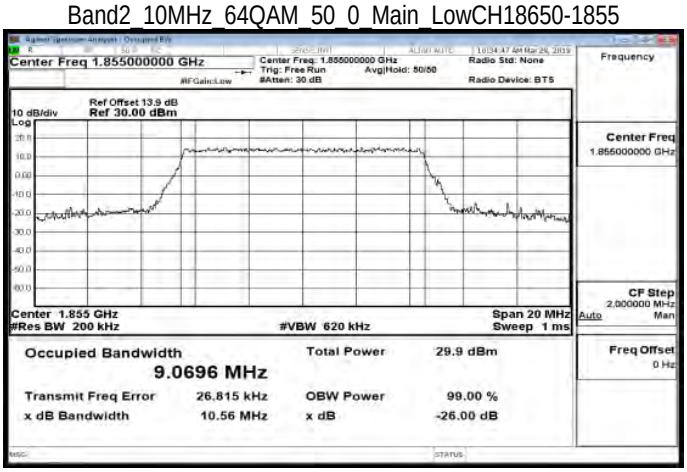


Band2_10MHz_16QAM_50_0_Main_HighCH19150-1905

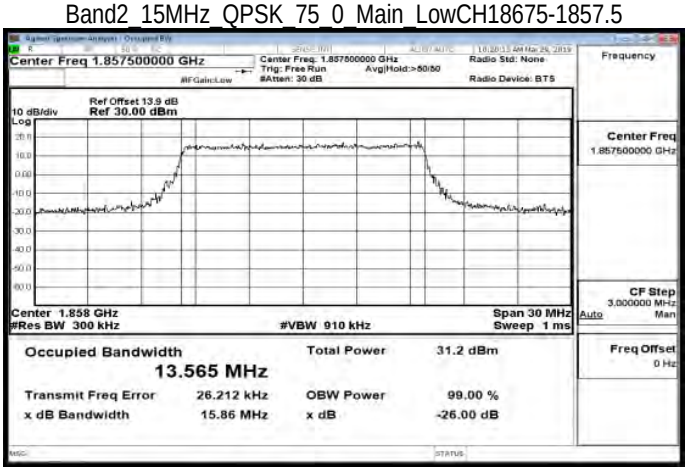


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

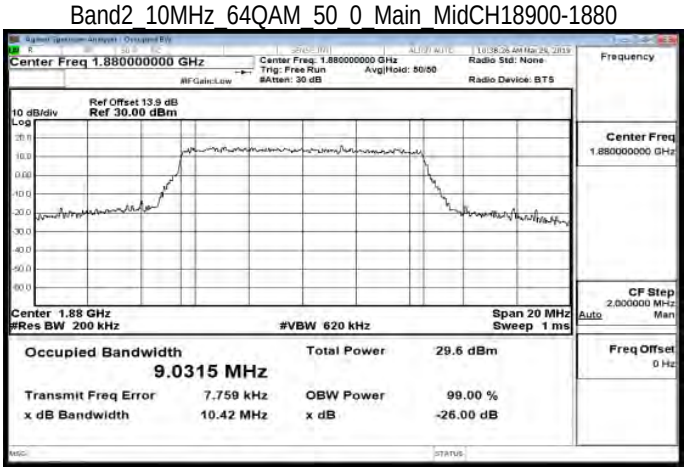
Band2_10MHz_64QAM_50_0_Main_LowCH18650-1855



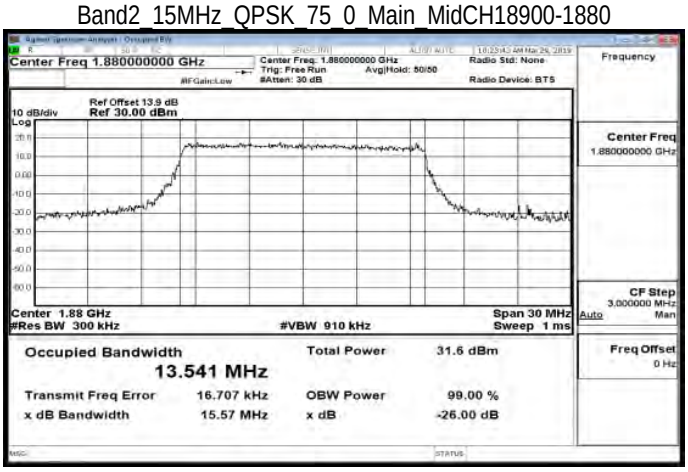
Band2_15MHz_QPSK_75_0_Main_LowCH18675-1857.5



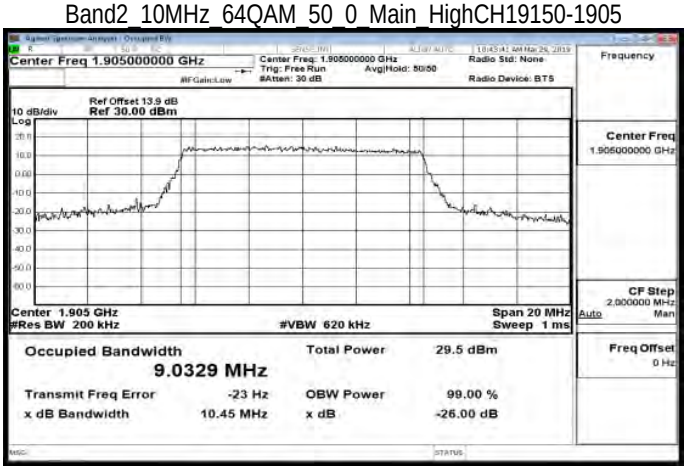
Band2_10MHz_64QAM_50_0_Main_MidCH18900-1880



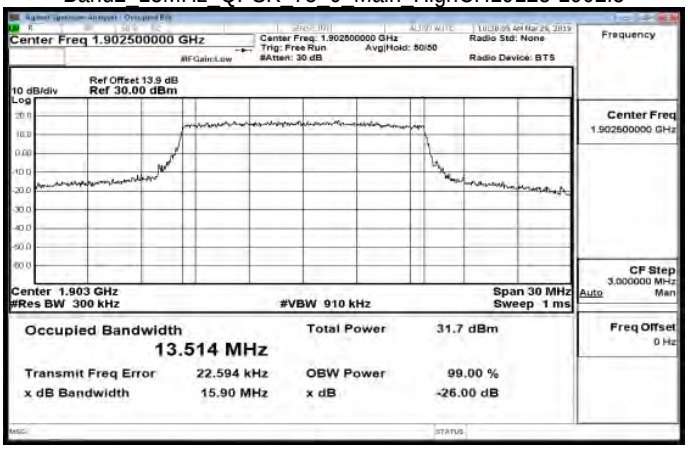
Band2_15MHz_QPSK_75_0_Main_MidCH18900-1880



Band2_10MHz_64QAM_50_0_Main_HighCH19150-1905

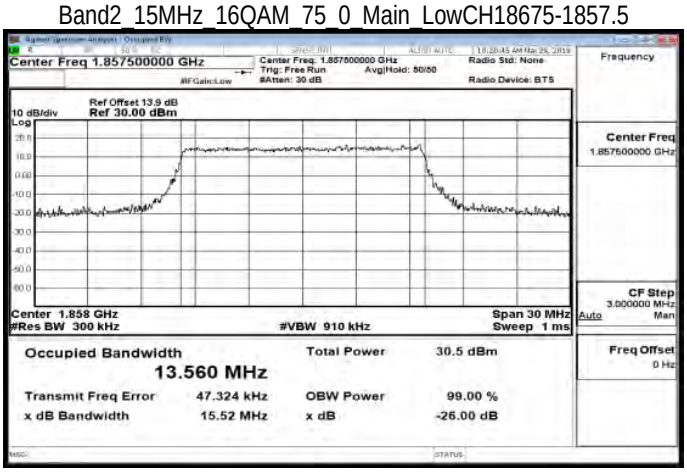


Band2_15MHz_QPSK_75_0_Main_HighCH19125-1902.5

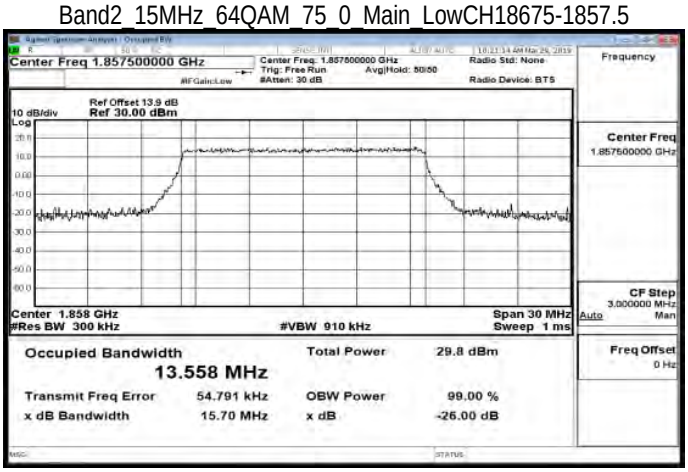


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

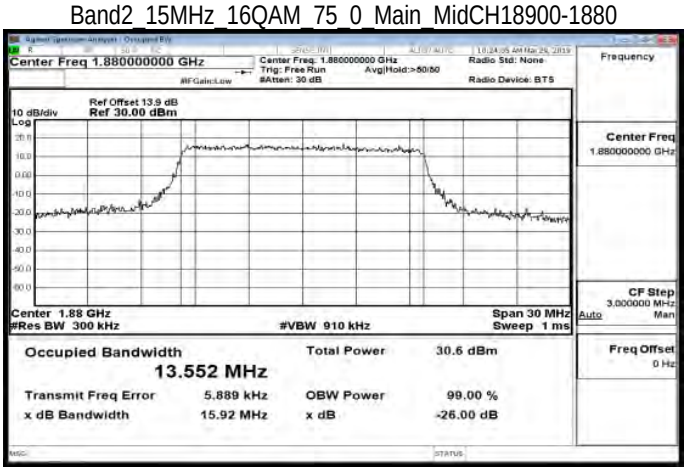
Band2_15MHz_16QAM_75_0_Main_LowCH18675-1857.5



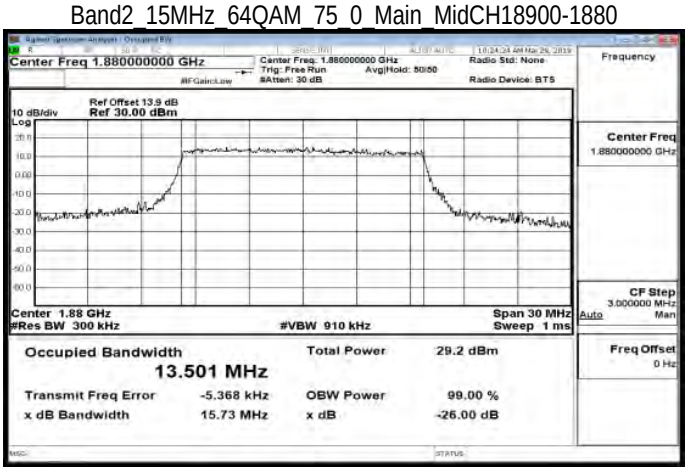
Band2_15MHz_64QAM_75_0_Main_LowCH18675-1857.5



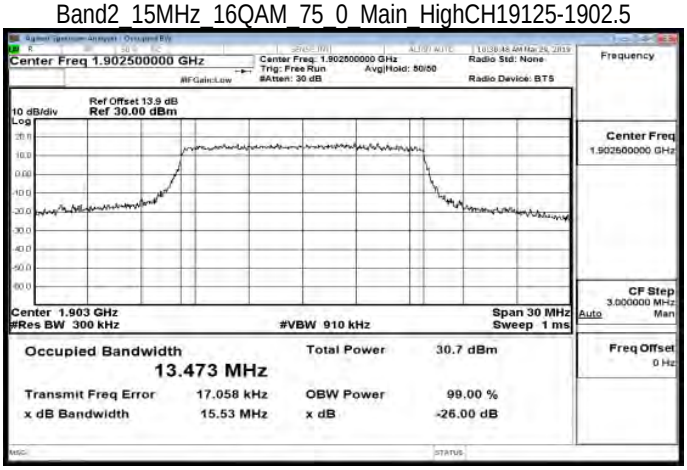
Band2_15MHz_16QAM_75_0_Main_MidCH18900-1880



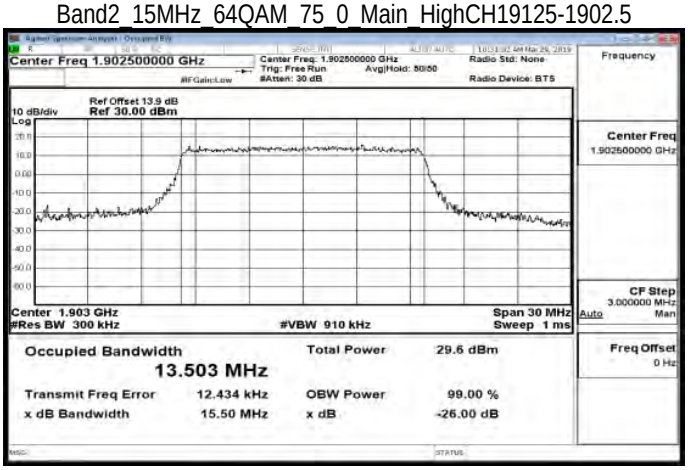
Band2_15MHz_64QAM_75_0_Main_MidCH18900-1880



Band2_15MHz_16QAM_75_0_Main_HighCH19125-1902.5

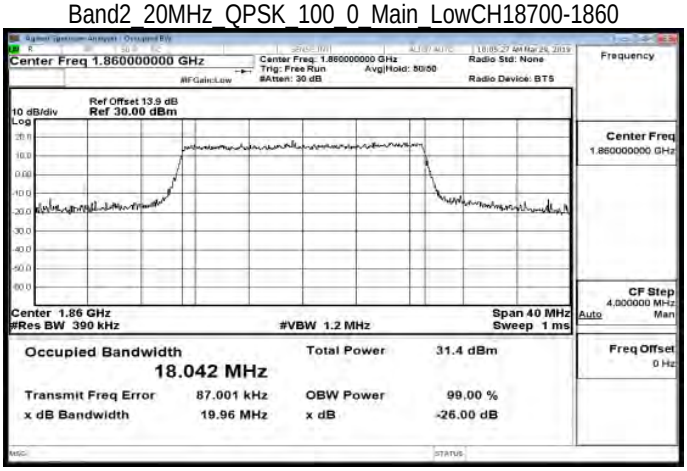


Band2_15MHz_64QAM_75_0_Main_HighCH19125-1902.5

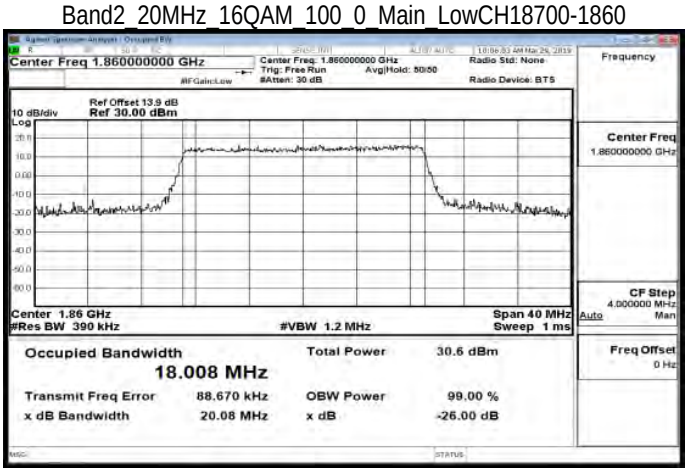


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

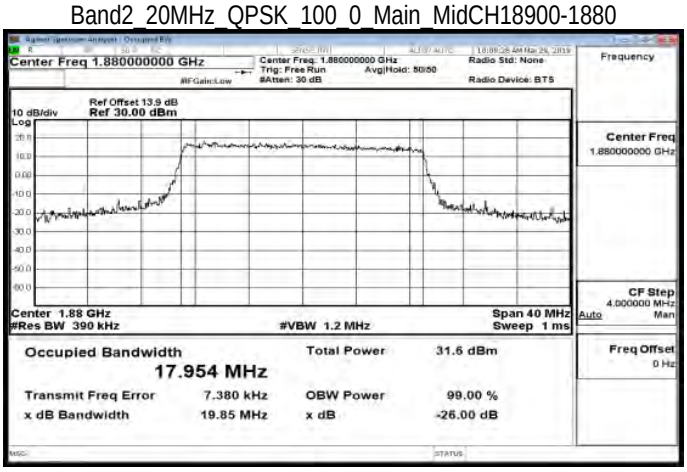
Band2_20MHz_QPSK_100_0_Main_LowCH18700-1860



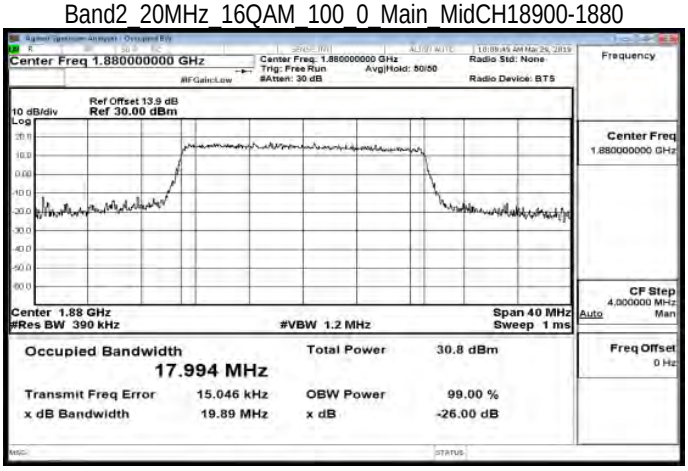
Band2_20MHz_16QAM_100_0_Main_LowCH18700-1860



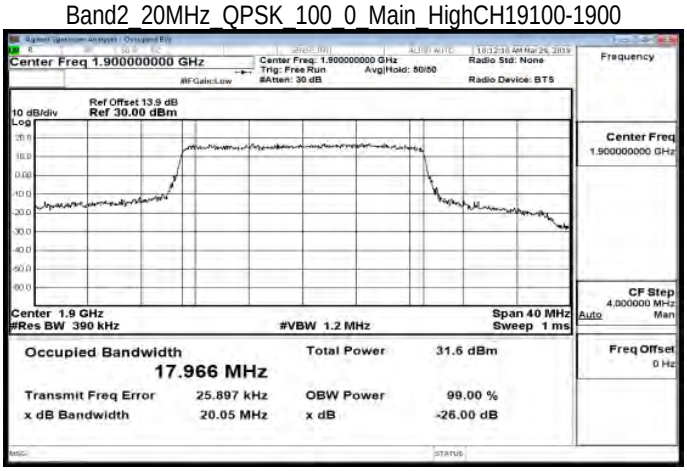
Band2_20MHz_QPSK_100_0_Main_MidCH18900-1880



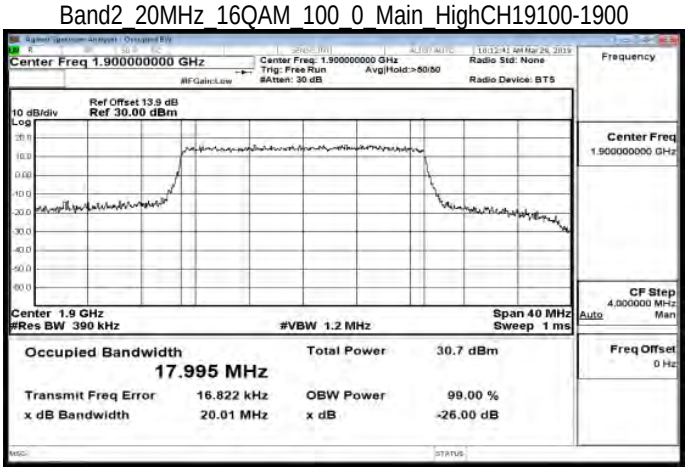
Band2_20MHz_16QAM_100_0_Main_MidCH18900-1880



Band2_20MHz_QPSK_100_0_Main_HighCH19100-1900

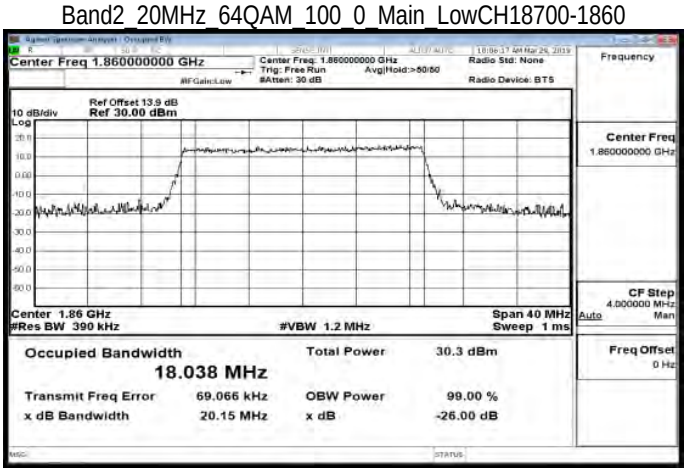


Band2_20MHz_16QAM_100_0_Main_HighCH19100-1900

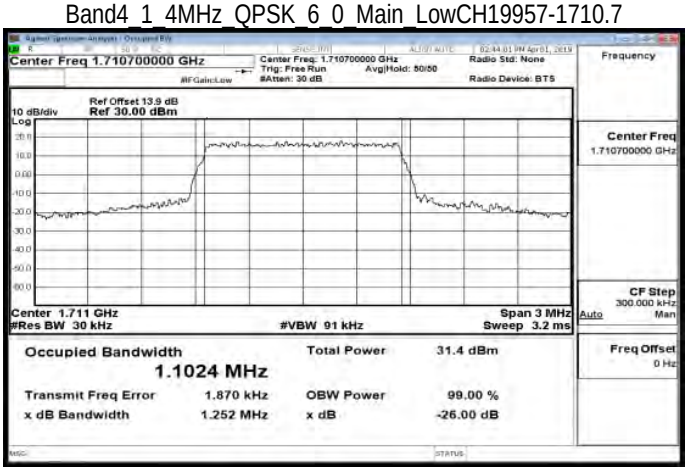


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

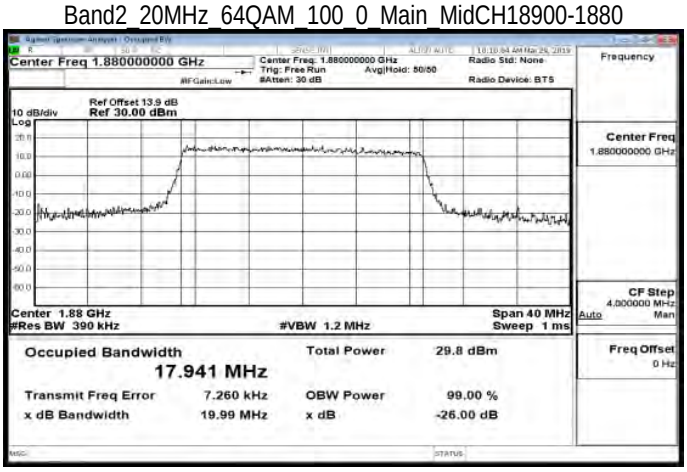
Band2_20MHz_64QAM_100_0_Main_LowCH18700-1860



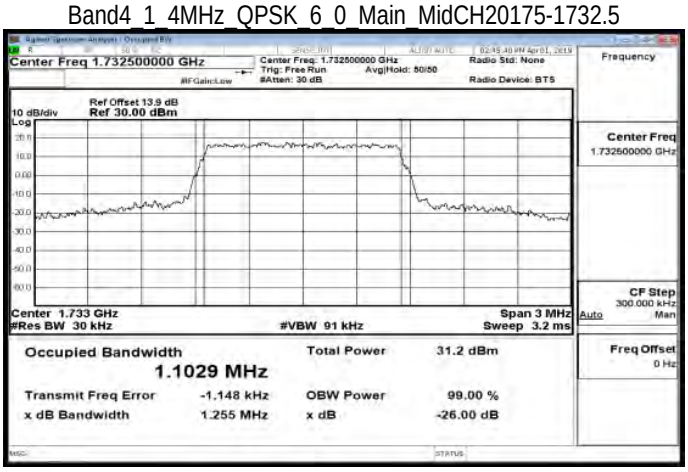
Band4_1_4MHz_QPSK_6_0_Main_LowCH19957-1710.7



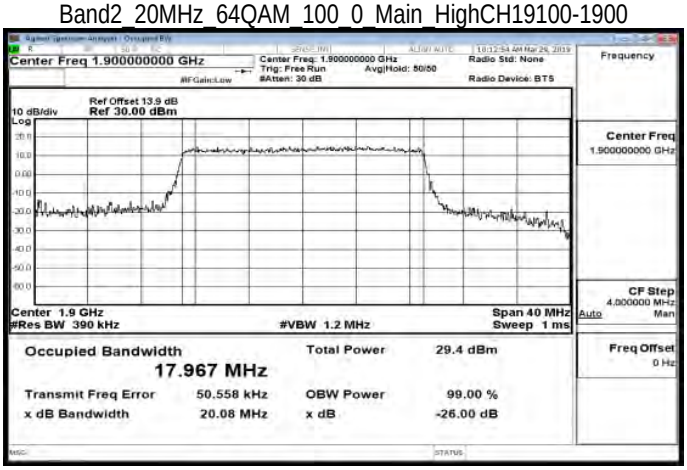
Band2_20MHz_64QAM_100_0_Main_MidCH18900-1880



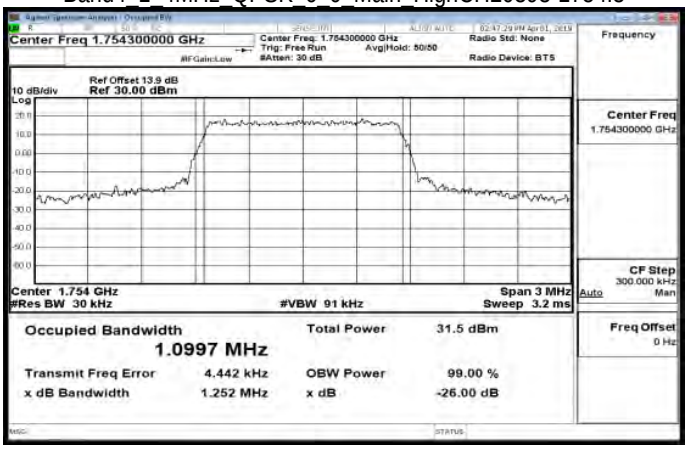
Band4_1_4MHz_QPSK_6_0_Main_MidCH20175-1732.5



Band2_20MHz_64QAM_100_0_Main_HighCH19100-1900

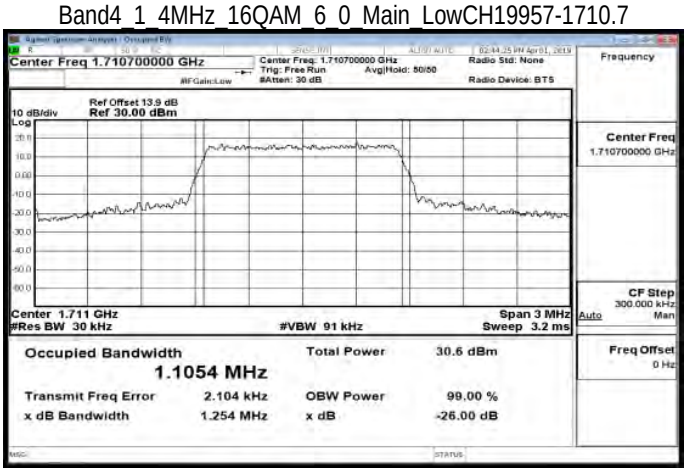


Band4_1_4MHz_QPSK_6_0_Main_HighCH20393-1754.3

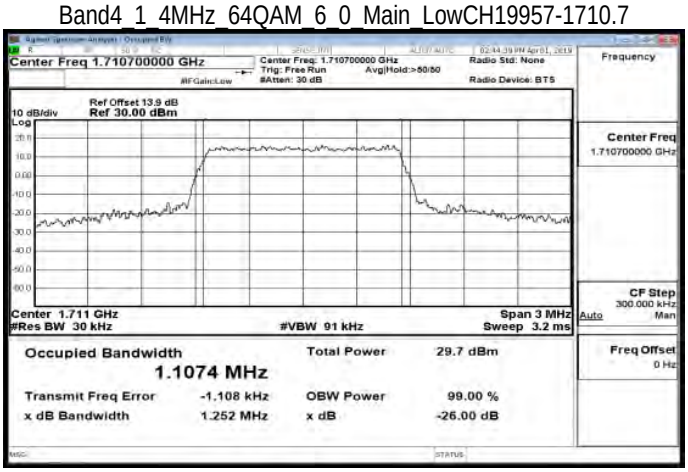


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

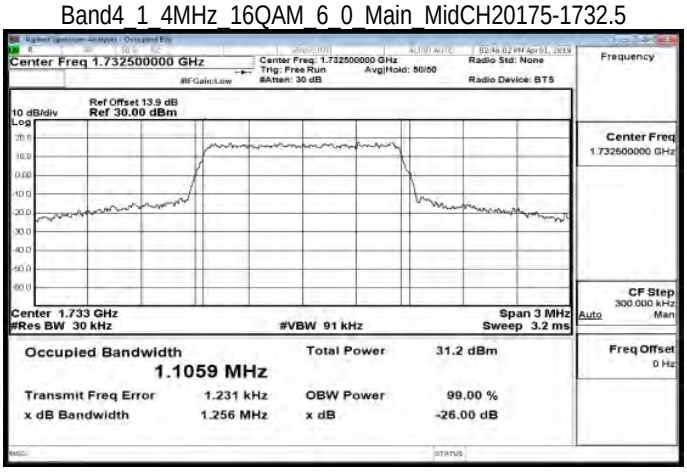
Band4_1_4MHz_16QAM_6_0_Main_LowCH19957-1710.7



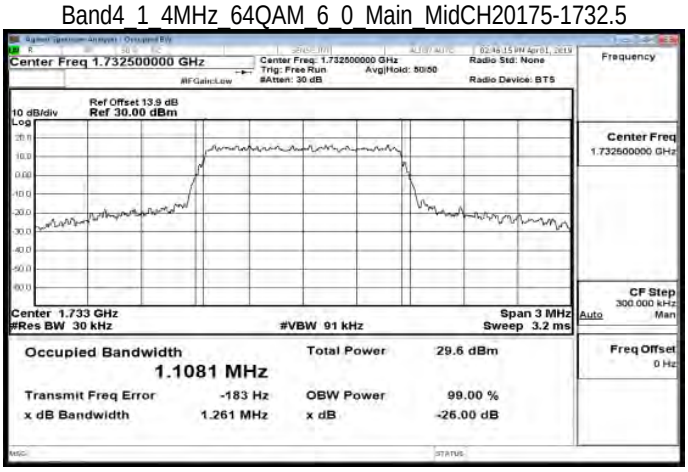
Band4_1_4MHz_64QAM_6_0_Main_LowCH19957-1710.7



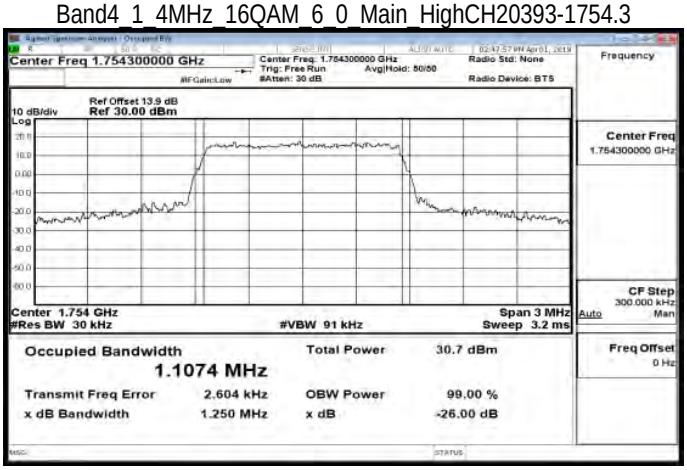
Band4_1_4MHz_16QAM_6_0_Main_MidCH20175-1732.5



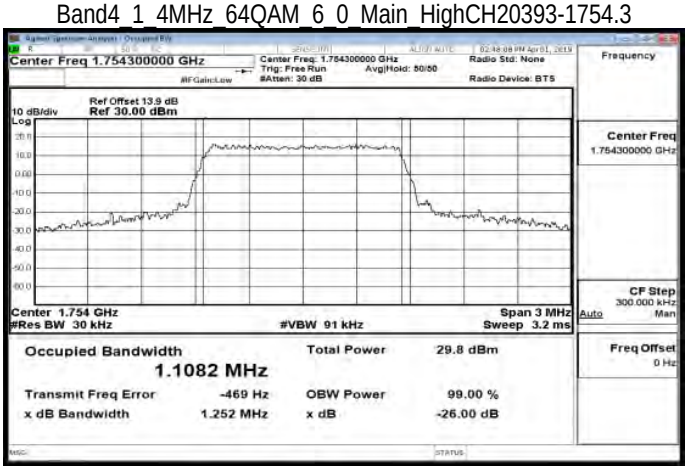
Band4_1_4MHz_64QAM_6_0_Main_MidCH20175-1732.5



Band4_1_4MHz_16QAM_6_0_Main_HighCH20393-1754.3

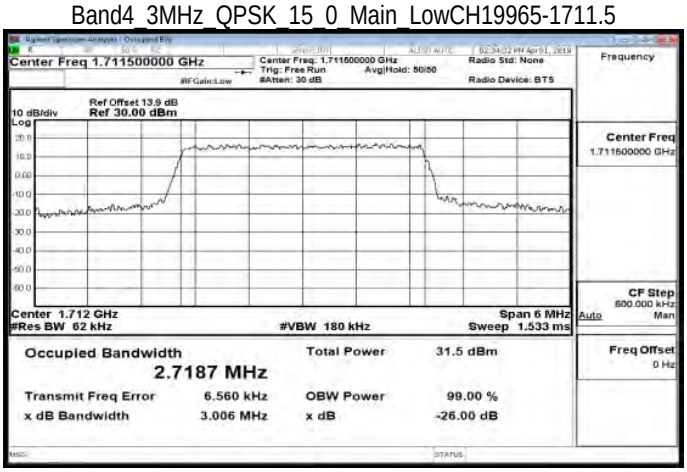


Band4_1_4MHz_64QAM_6_0_Main_HighCH20393-1754.3

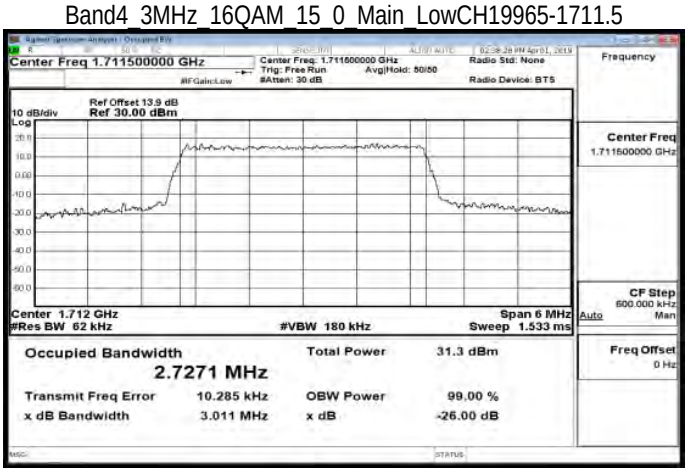


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

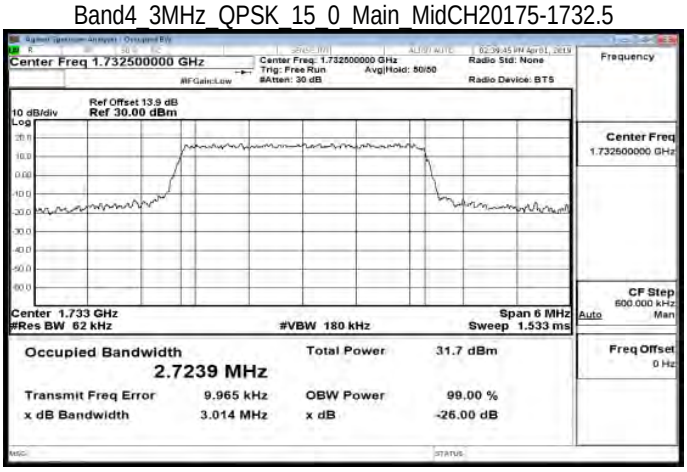
Band4_3MHz_QPSK_15_0_Main_LowCH19965-1711.5



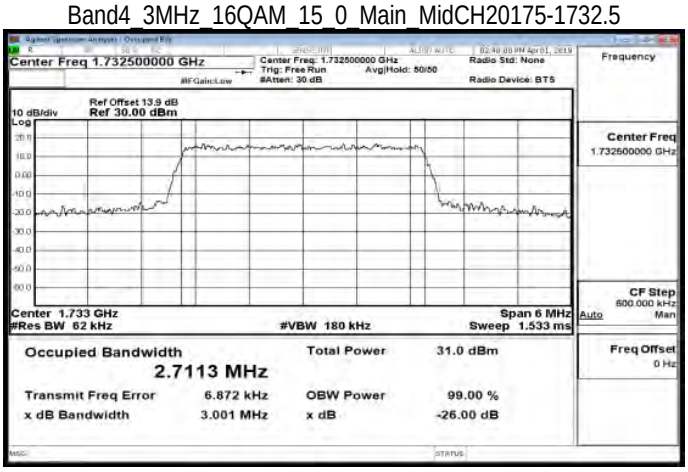
Band4_3MHz_16QAM_15_0_Main_LowCH19965-1711.5



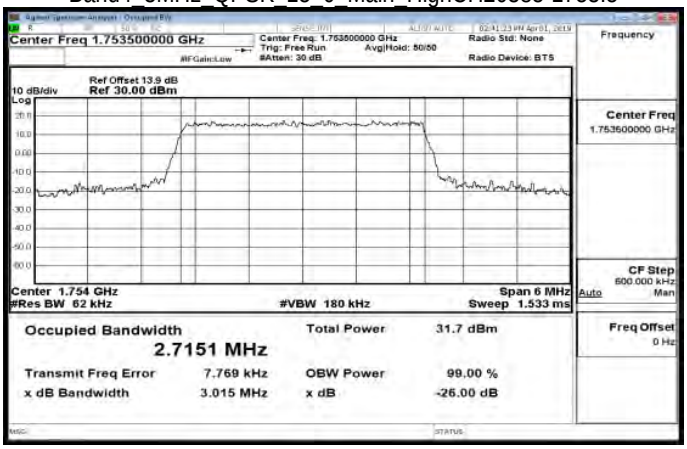
Band4_3MHz_QPSK_15_0_Main_MidCH20175-1732.5



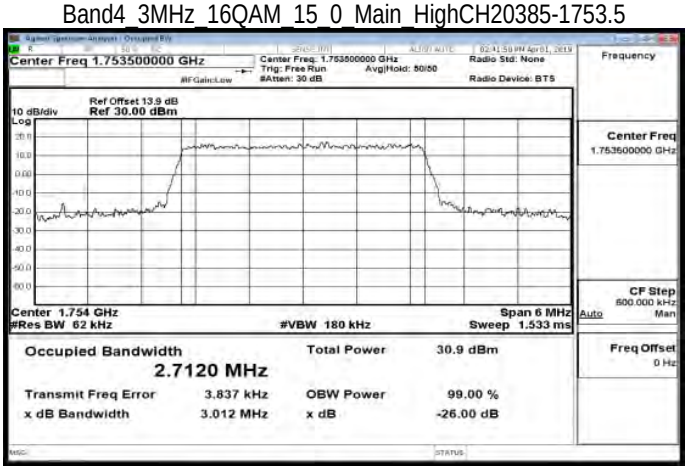
Band4_3MHz_16QAM_15_0_Main_MidCH20175-1732.5



Band4_3MHz_QPSK_15_0_Main_HighCH20385-1753.5

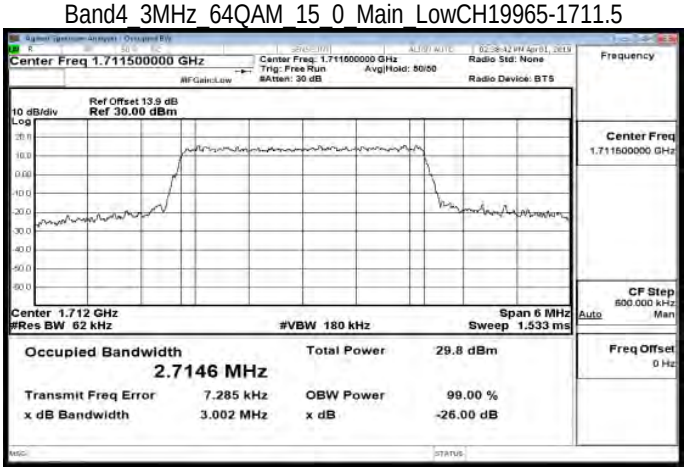


Band4_3MHz_16QAM_15_0_Main_HighCH20385-1753.5

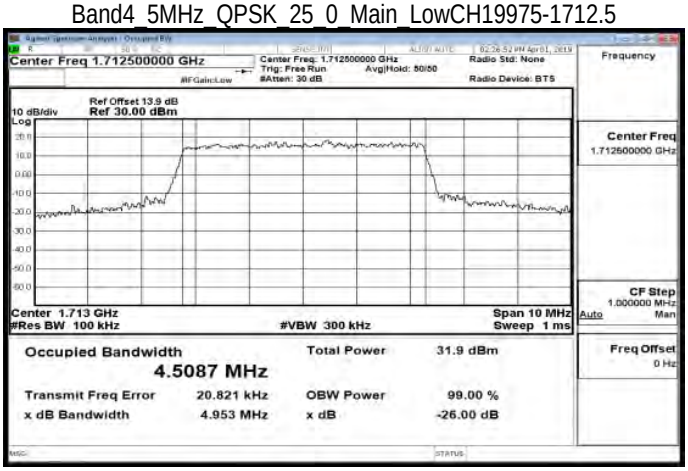


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

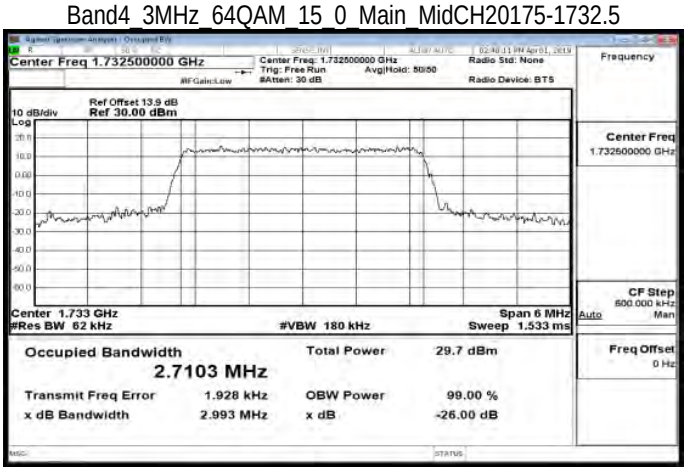
Band4_3MHz_64QAM_15_0_Main_LowCH19965-1711.5



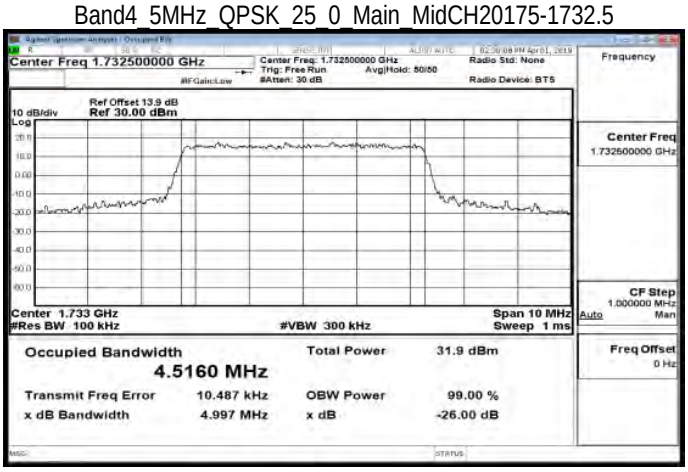
Band4_5MHz_QPSK_25_0_Main_LowCH19975-1712.5



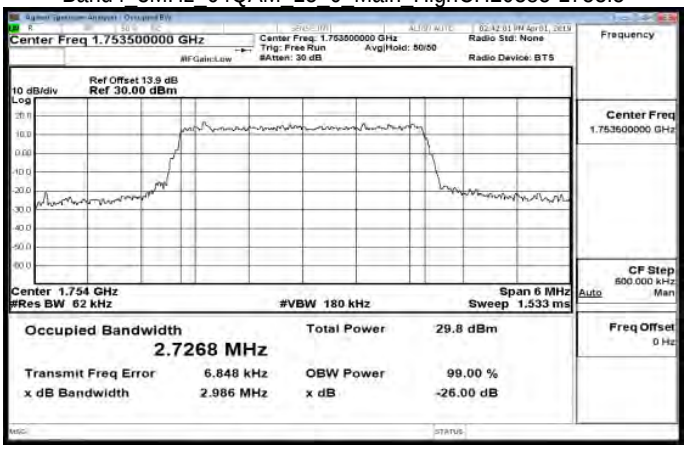
Band4_3MHz_64QAM_15_0_Main_MidCH20175-1732.5



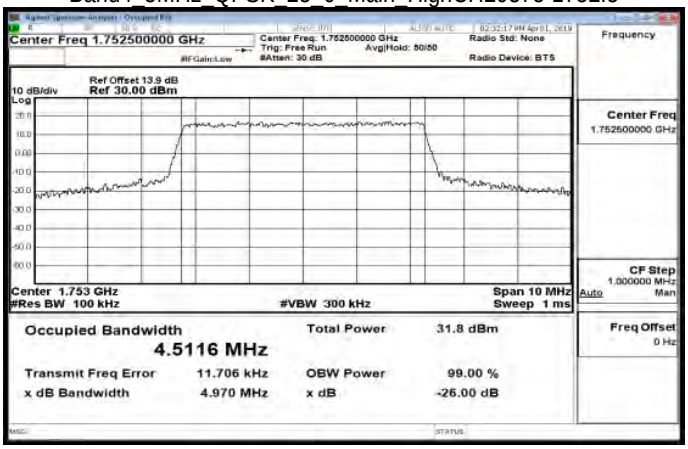
Band4_5MHz_QPSK_25_0_Main_MidCH20175-1732.5



Band4_3MHz_64QAM_15_0_Main_HighCH20385-1753.5

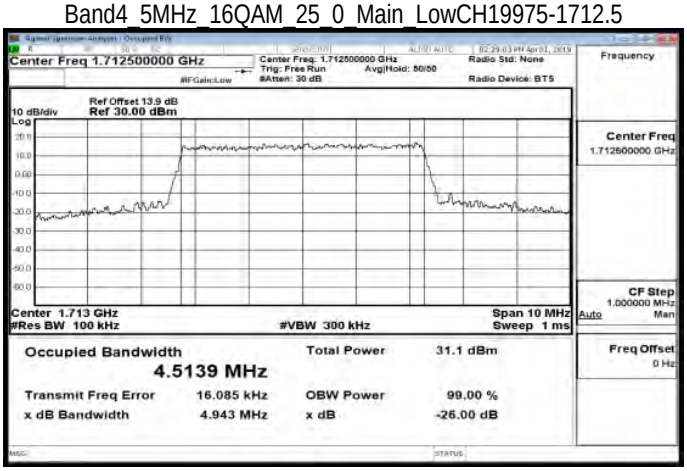


Band4_5MHz_QPSK_25_0_Main_HighCH20375-1752.5

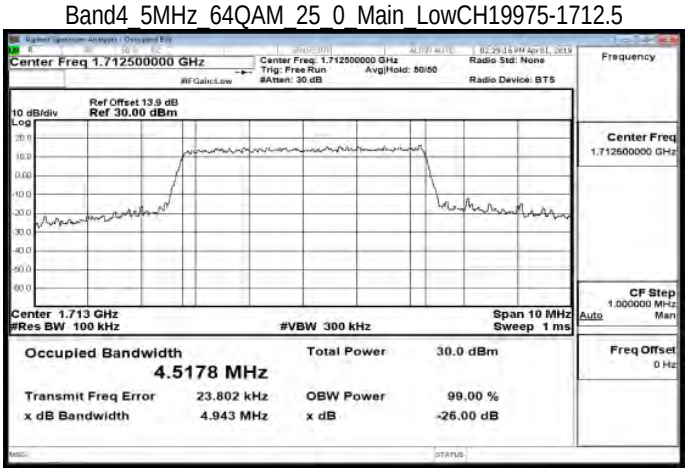


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

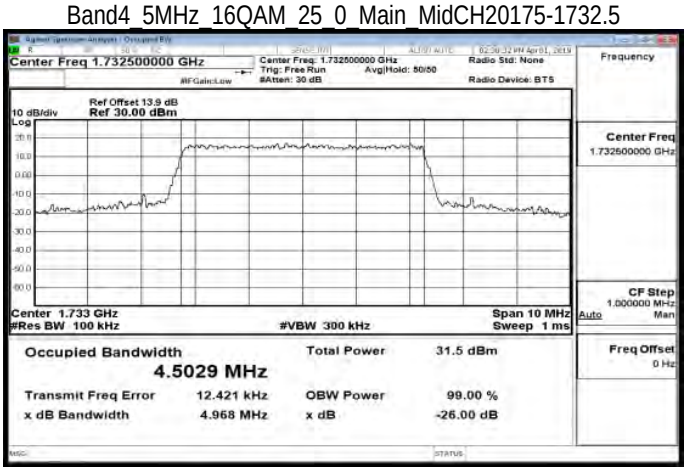
Band4_5MHz_16QAM_25_0_Main_LowCH19975-1712.5



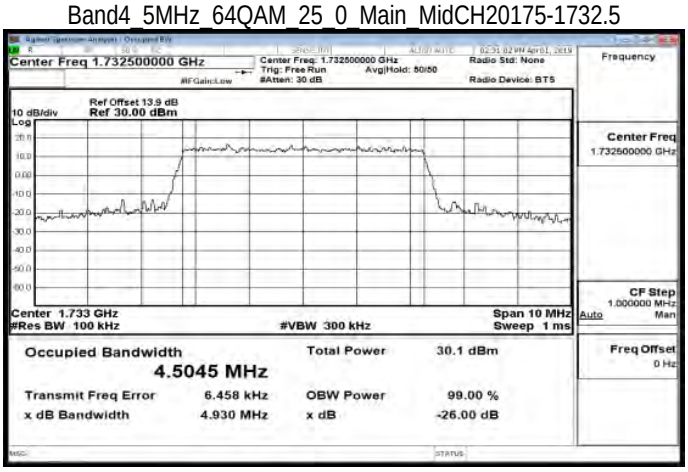
Band4_5MHz_64QAM_25_0_Main_LowCH19975-1712.5



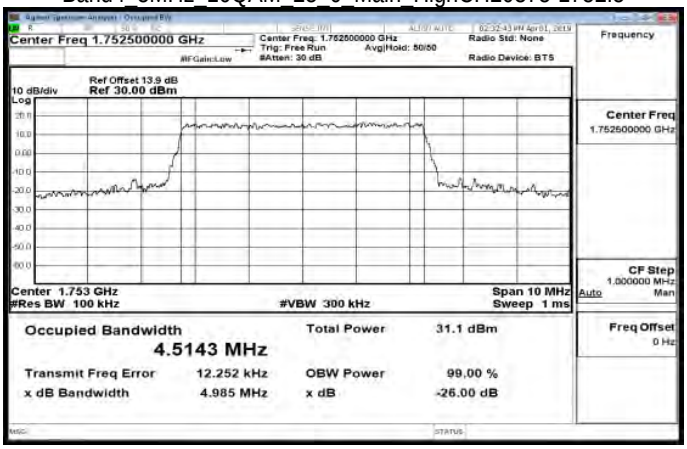
Band4_5MHz_16QAM_25_0_Main_MidCH20175-1732.5



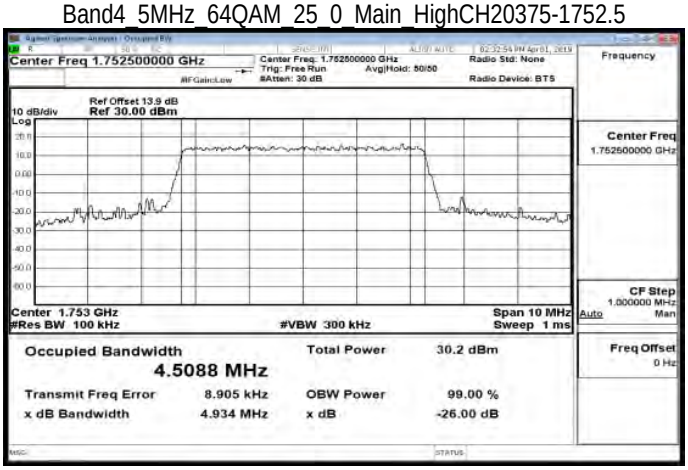
Band4_5MHz_64QAM_25_0_Main_MidCH20175-1732.5



Band4_5MHz_16QAM_25_0_Main_HighCH20375-1752.5

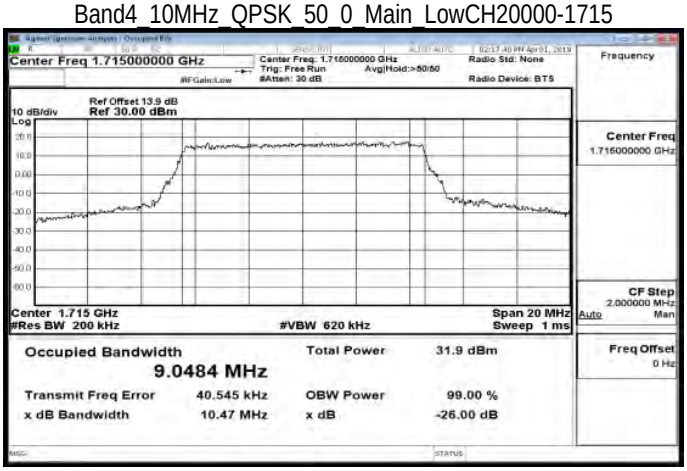


Band4_5MHz_64QAM_25_0_Main_HighCH20375-1752.5

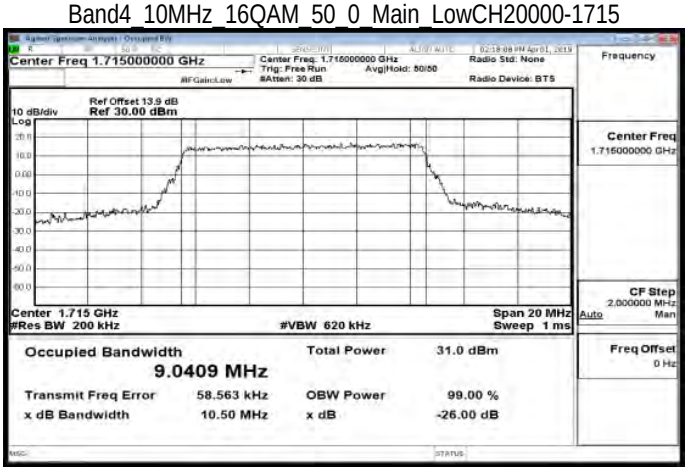


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

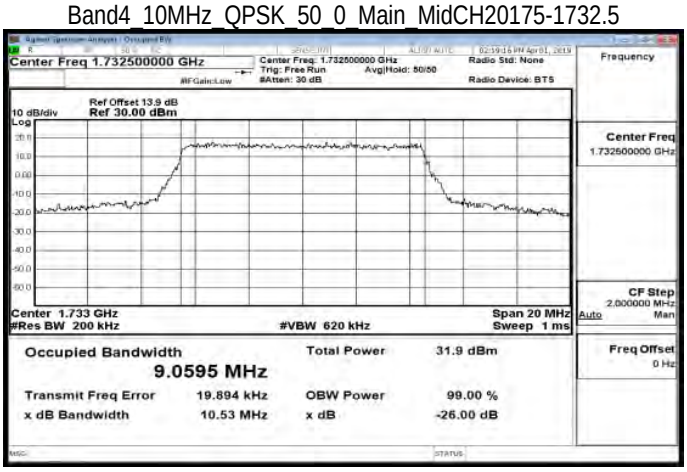
Band4_10MHz_QPSK_50_0_Main_LowCH20000-1715



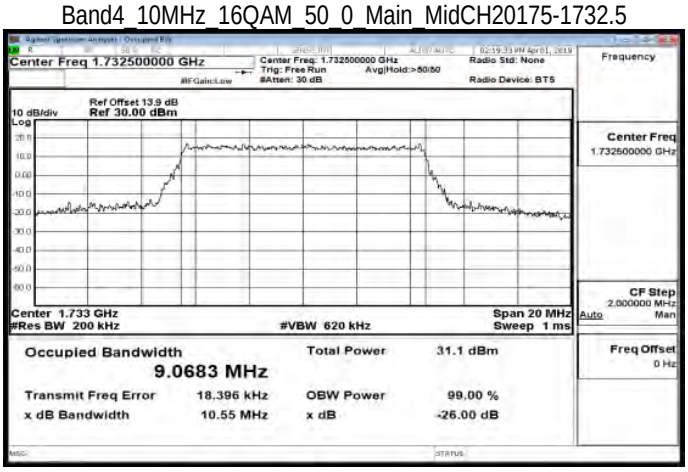
Band4_10MHz_16QAM_50_0_Main_LowCH20000-1715



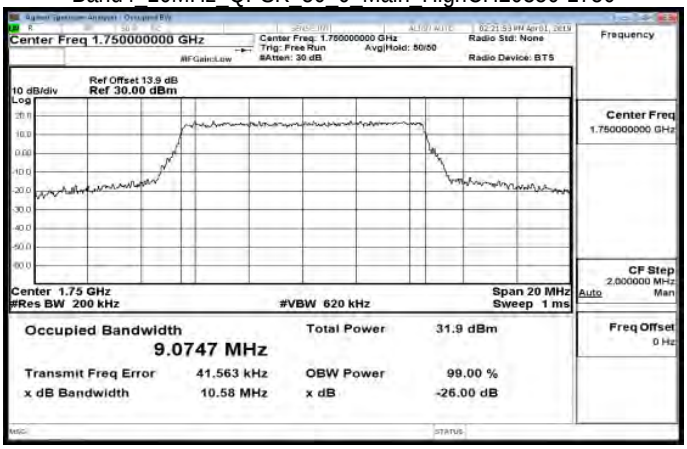
Band4_10MHz_QPSK_50_0_Main_MidCH20175-1732.5



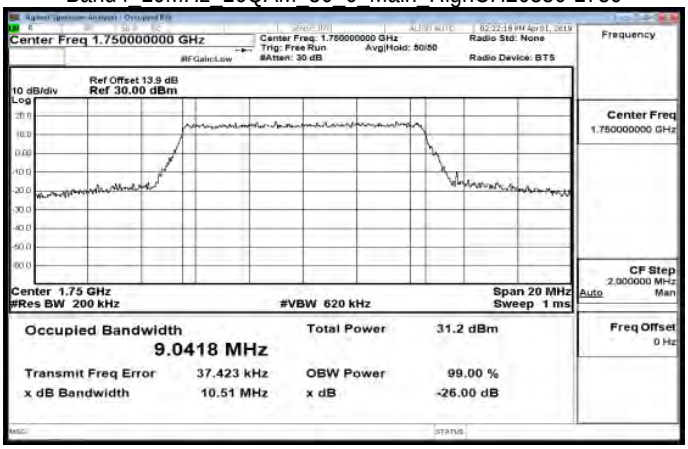
Band4_10MHz_16QAM_50_0_Main_MidCH20175-1732.5



Band4_10MHz_QPSK_50_0_Main_HighCH20350-1750

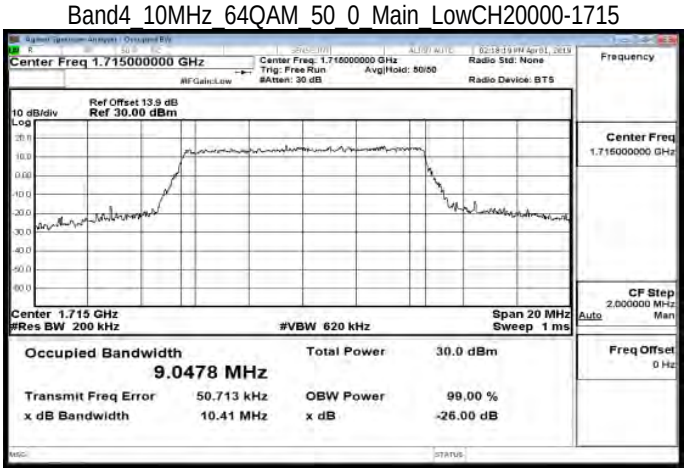


Band4_10MHz_16QAM_50_0_Main_HighCH20350-1750

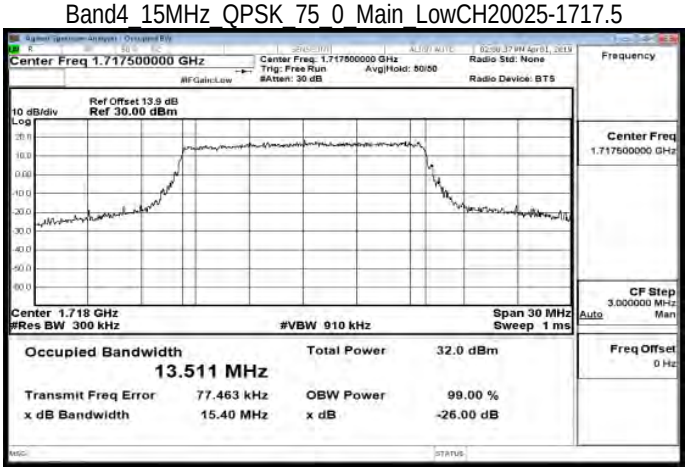


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

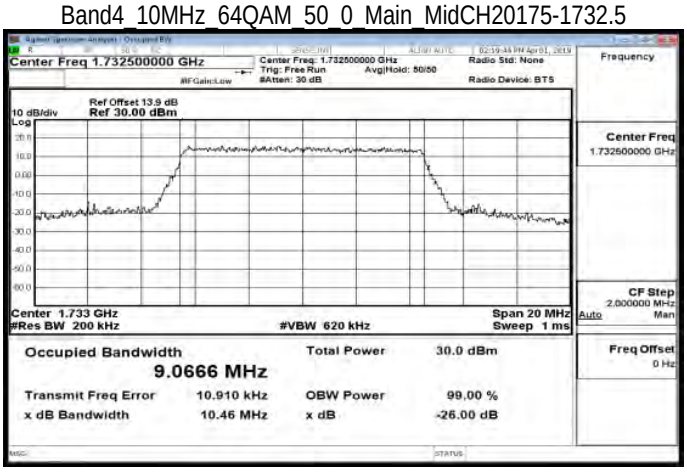
Band4_10MHz_64QAM_50_0_Main_LowCH20000-1715



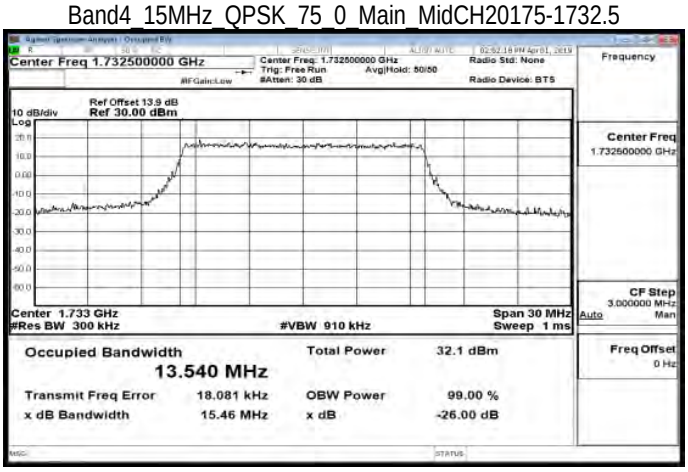
Band4_15MHz_QPSK_75_0_Main_LowCH20025-1717.5



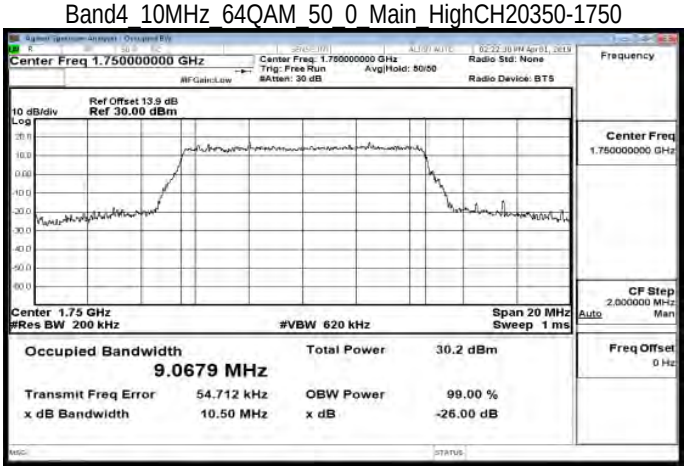
Band4_10MHz_64QAM_50_0_Main_MidCH20175-1732.5



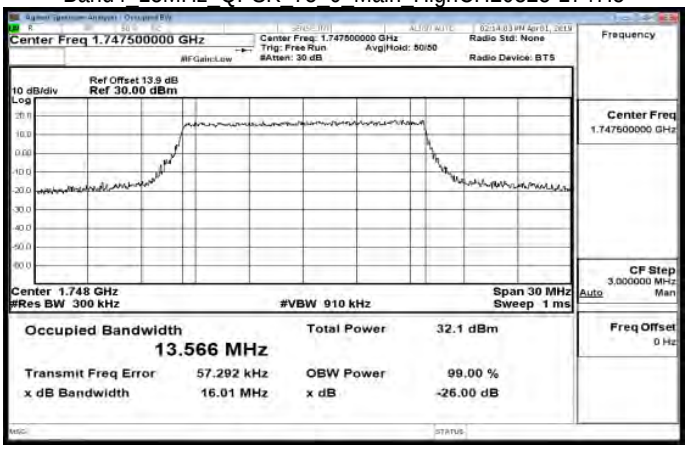
Band4_15MHz_QPSK_75_0_Main_MidCH20175-1732.5



Band4_10MHz_64QAM_50_0_Main_HighCH20350-1750

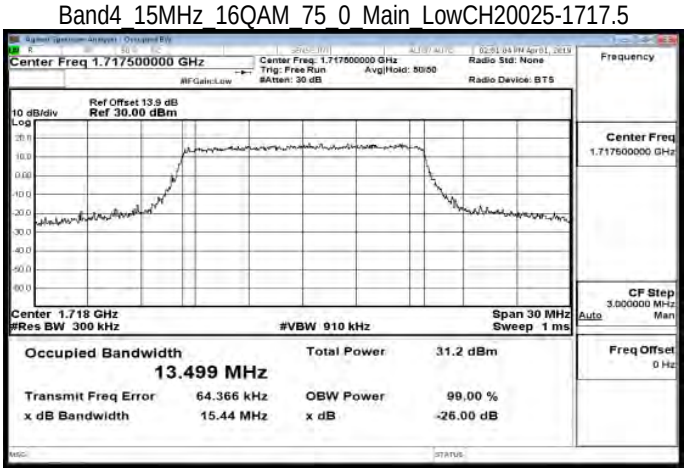


Band4_15MHz_QPSK_75_0_Main_HighCH20325-1747.5

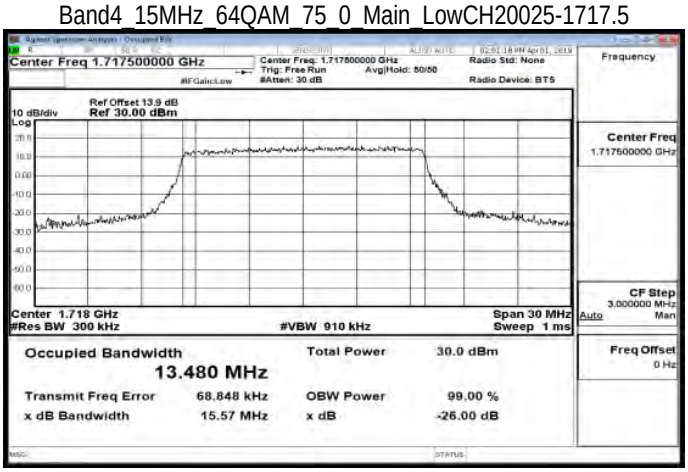


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

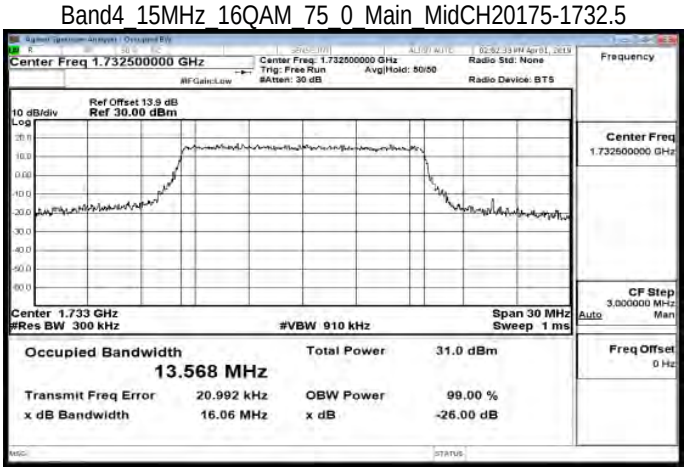
Band4_15MHz_16QAM_75_0_Main_LowCH20025-1717.5



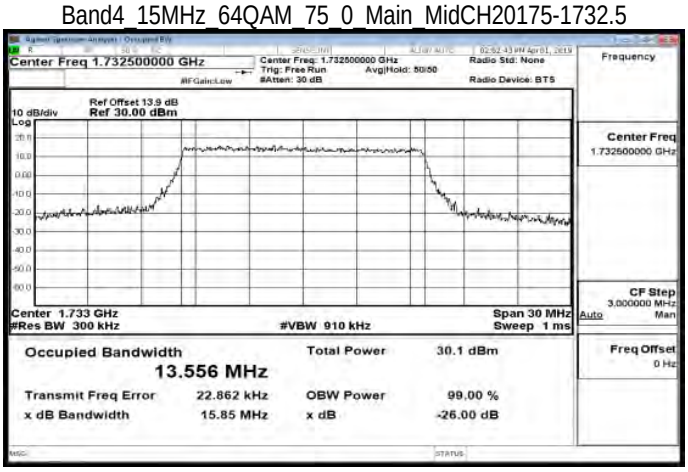
Band4_15MHz_64QAM_75_0_Main_LowCH20025-1717.5



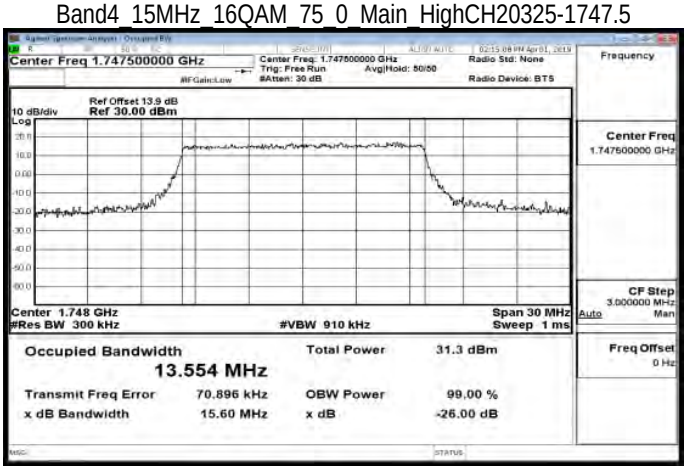
Band4_15MHz_16QAM_75_0_Main_MidCH20175-1732.5



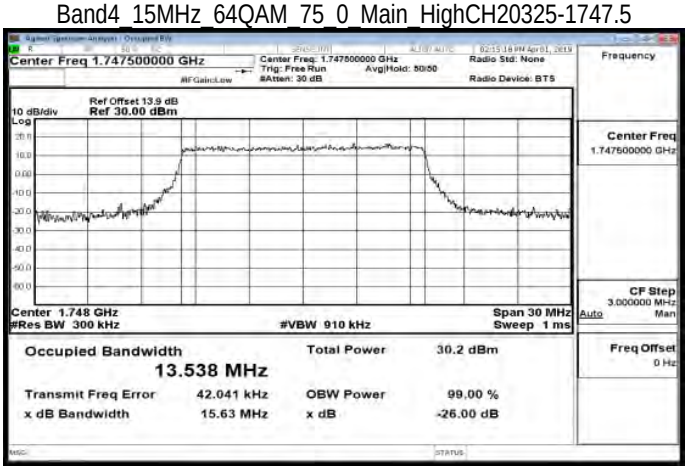
Band4_15MHz_64QAM_75_0_Main_MidCH20175-1732.5



Band4_15MHz_16QAM_75_0_Main_HighCH20325-1747.5

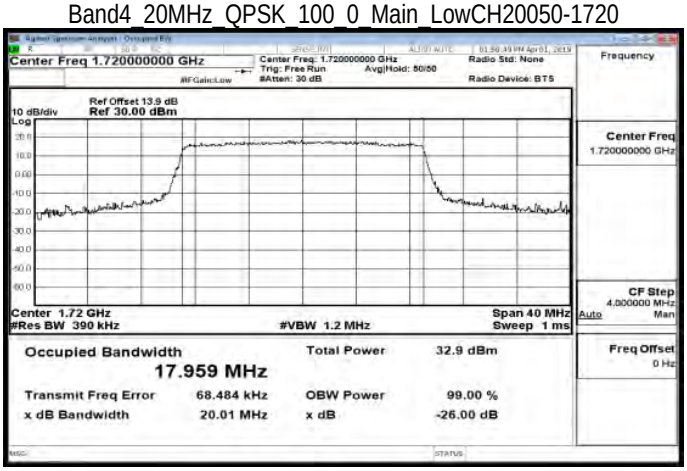


Band4_15MHz_64QAM_75_0_Main_HighCH20325-1747.5

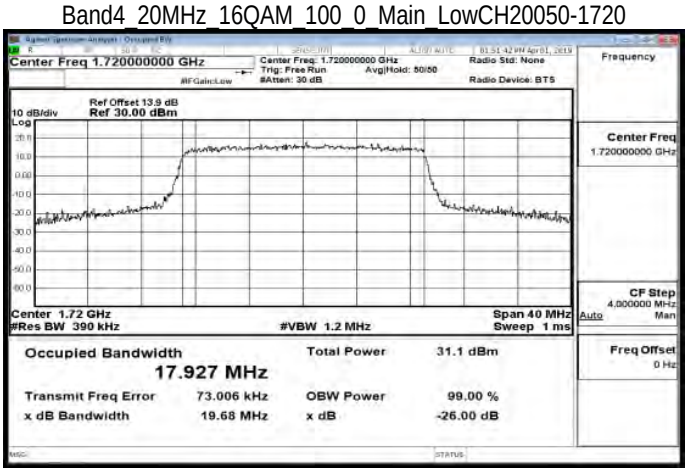


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

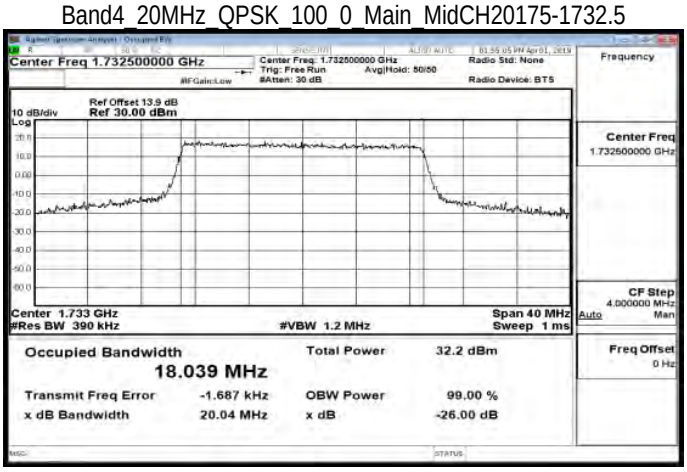
Band4_20MHz_QPSK_100_0_Main_LowCH20050-1720



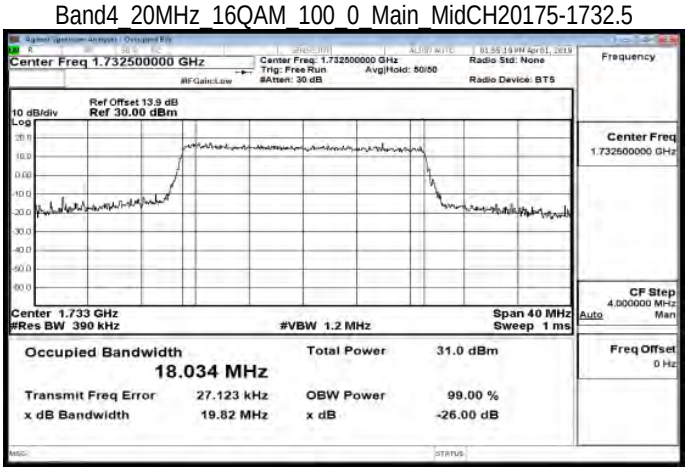
Band4_20MHz_16QAM_100_0_Main_LowCH20050-1720



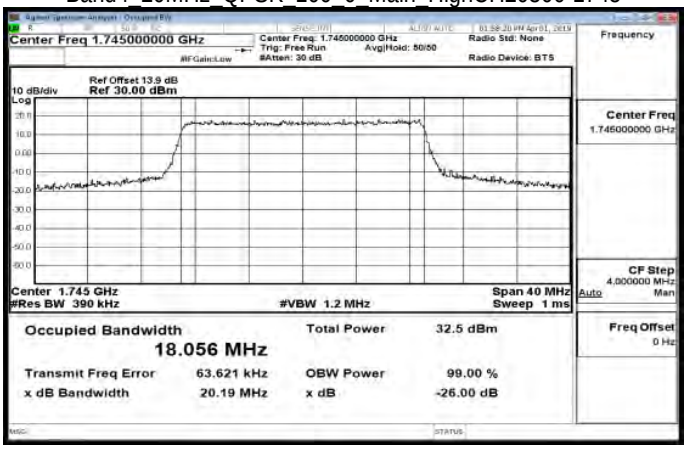
Band4_20MHz_QPSK_100_0_Main_MidCH20175-1732.5



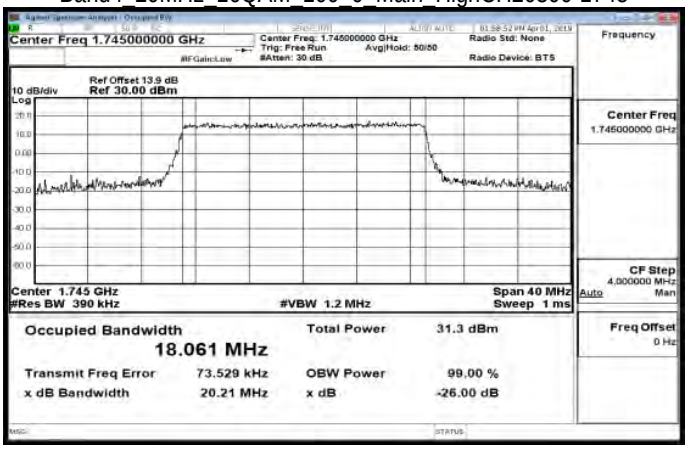
Band4_20MHz_16QAM_100_0_Main_MidCH20175-1732.5



Band4_20MHz_QPSK_100_0_Main_HighCH20300-1745

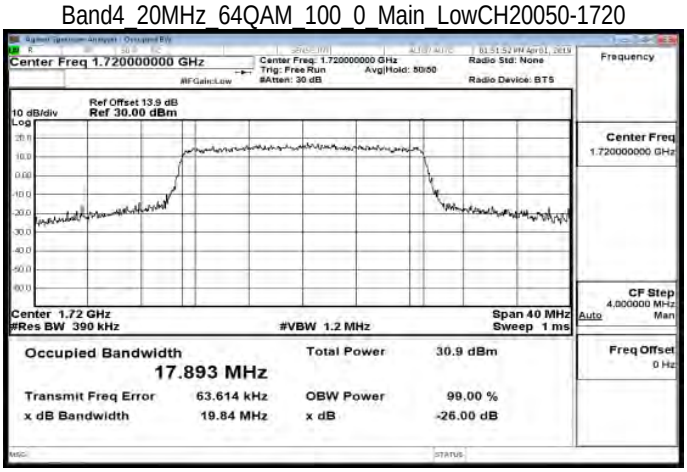


Band4_20MHz_16QAM_100_0_Main_HighCH20300-1745

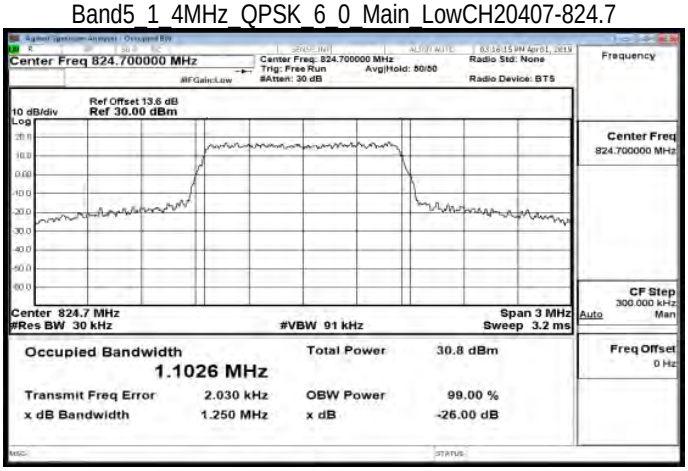


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

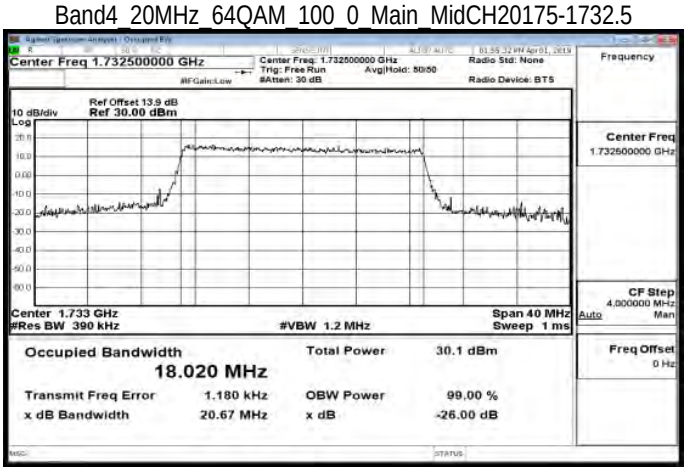
Band4_20MHz_64QAM_100_0_Main_LowCH20050-1720



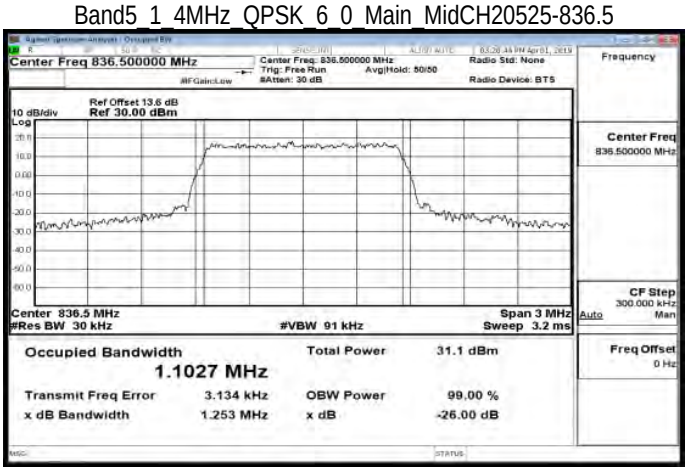
Band5_1_4MHz_QPSK_6_0_Main_LowCH20407-824.7



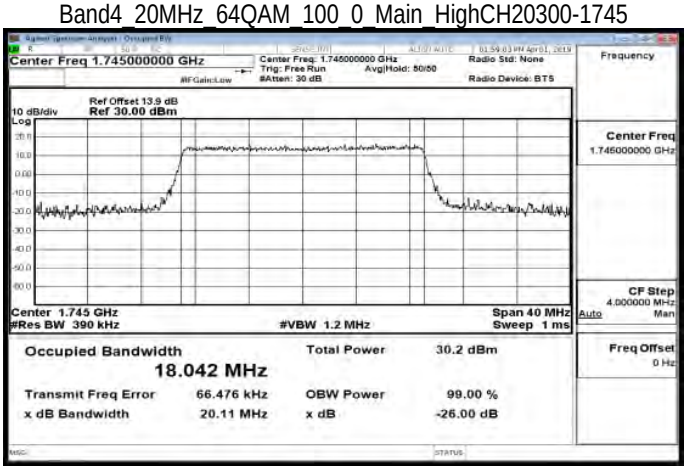
Band4_20MHz_64QAM_100_0_Main_MidCH20175-1732.5



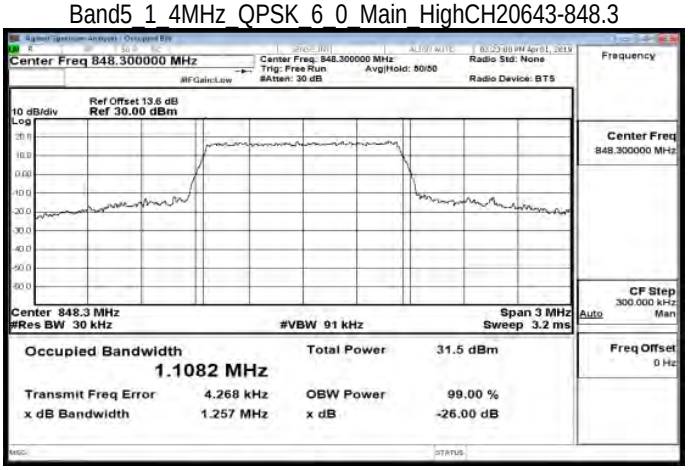
Band5_1_4MHz_QPSK_6_0_Main_MidCH20525-836.5



Band4_20MHz_64QAM_100_0_Main_HighCH20300-1745

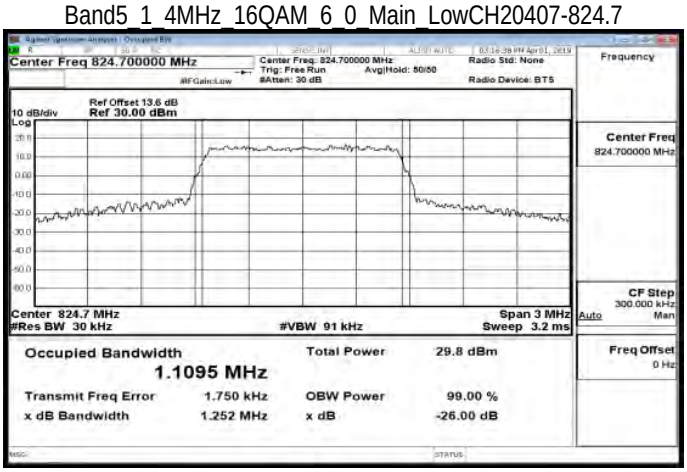


Band5_1_4MHz_QPSK_6_0_Main_HighCH20643-848.3

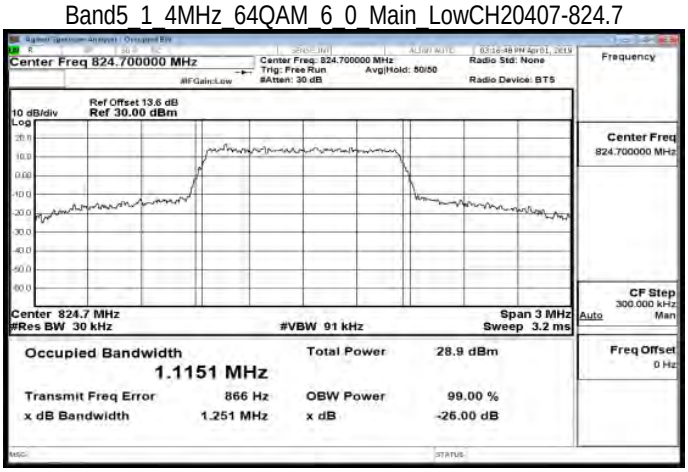


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

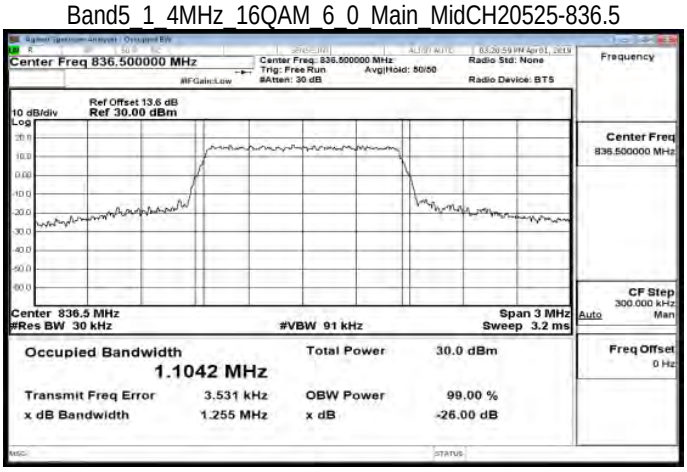
Band5_1_4MHz_16QAM_6_0_Main_LowCH20407-824.7



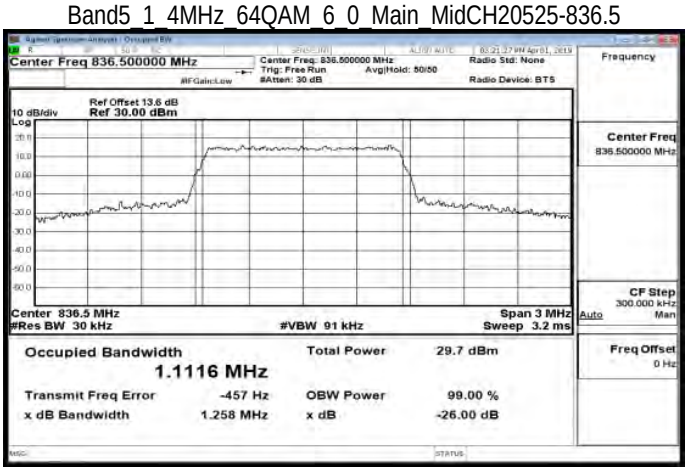
Band5_1_4MHz_64QAM_6_0_Main_LowCH20407-824.7



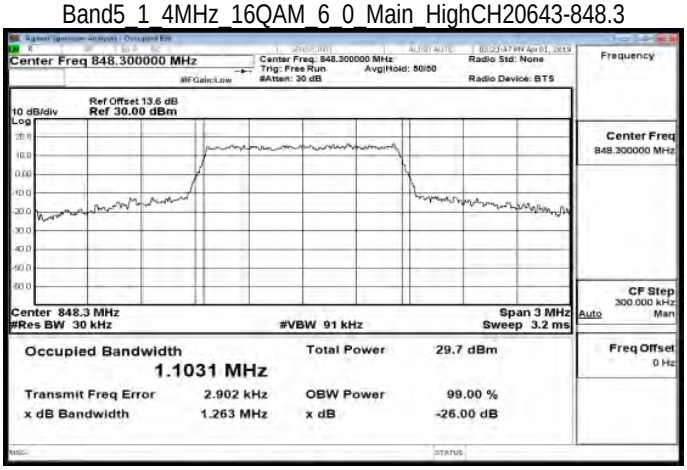
Band5_1_4MHz_16QAM_6_0_Main_MidCH20525-836.5



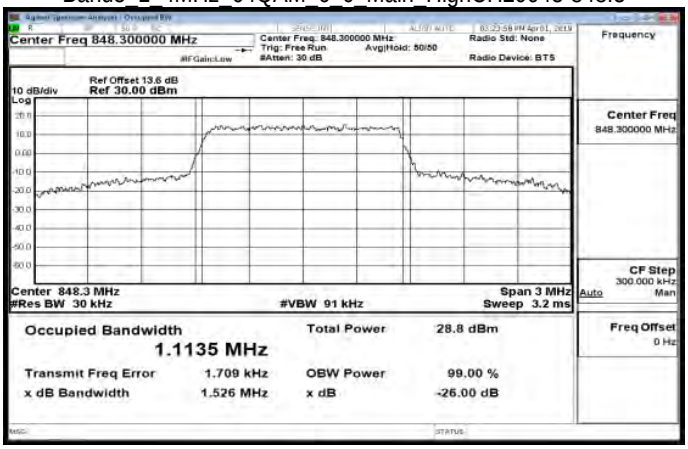
Band5_1_4MHz_64QAM_6_0_Main_MidCH20525-836.5



Band5_1_4MHz_16QAM_6_0_Main_HighCH20643-848.3

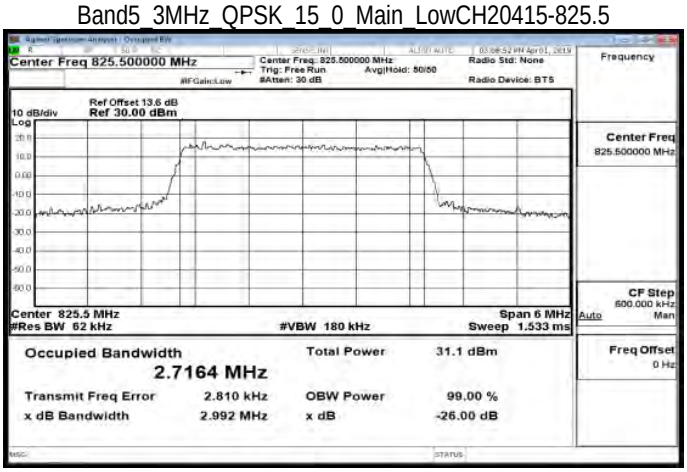


Band5_1_4MHz_64QAM_6_0_Main_HighCH20643-848.3

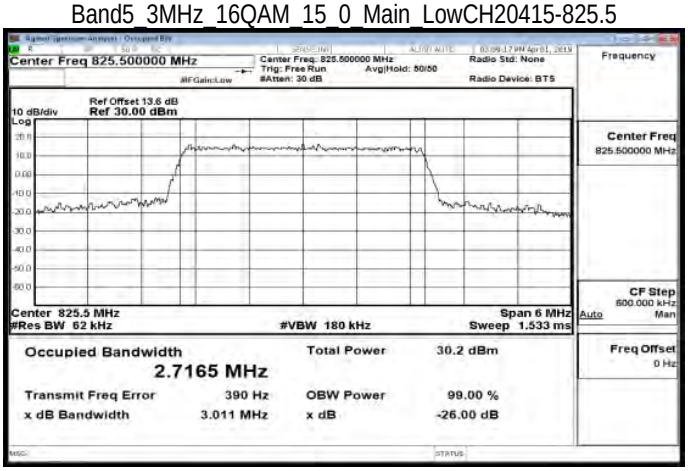


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

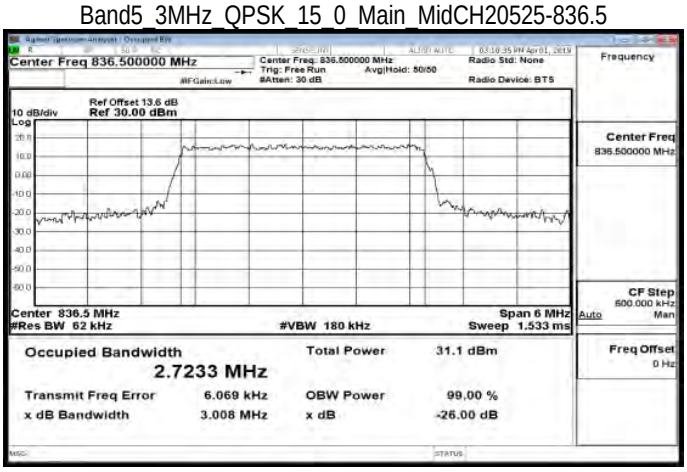
Band5_3MHz_QPSK_15_0_Main_LowCH20415-825.5



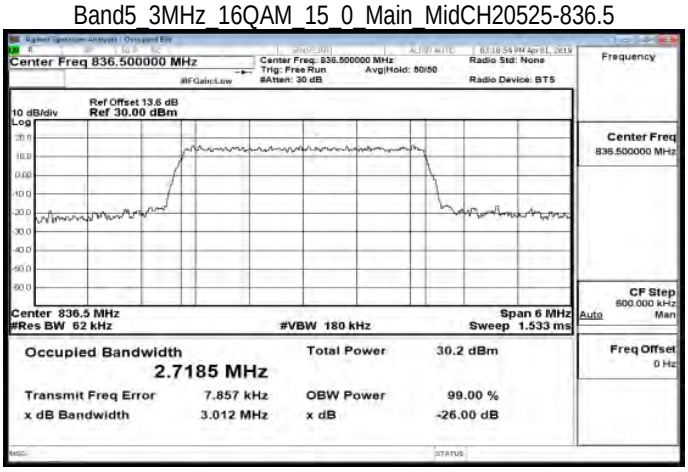
Band5_3MHz_16QAM_15_0_Main_LowCH20415-825.5



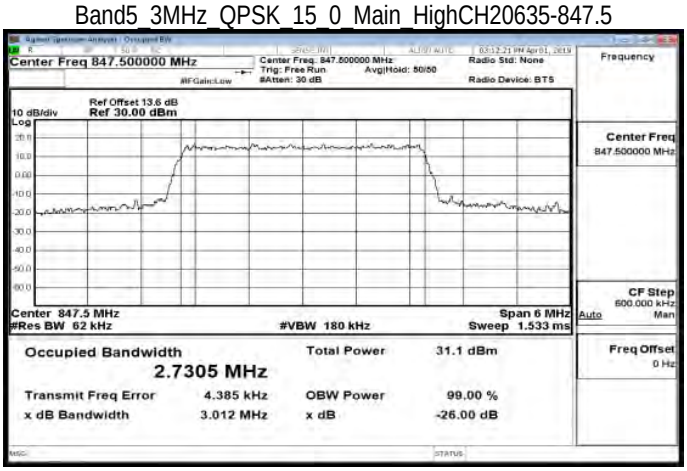
Band5_3MHz_QPSK_15_0_Main_MidCH20525-836.5



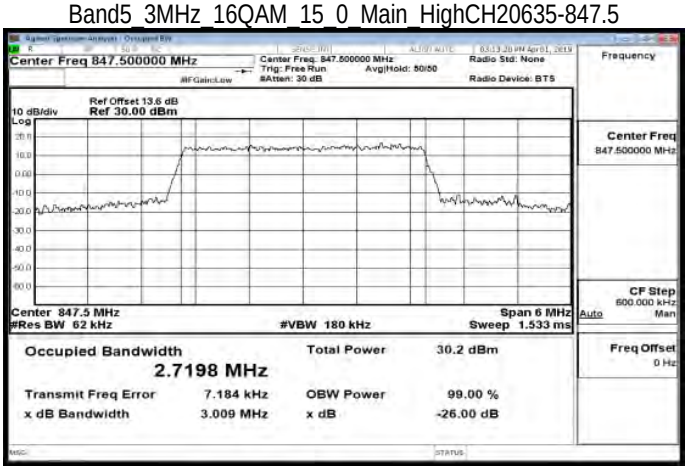
Band5_3MHz_16QAM_15_0_Main_MidCH20525-836.5



Band5_3MHz_QPSK_15_0_Main_HighCH20635-847.5

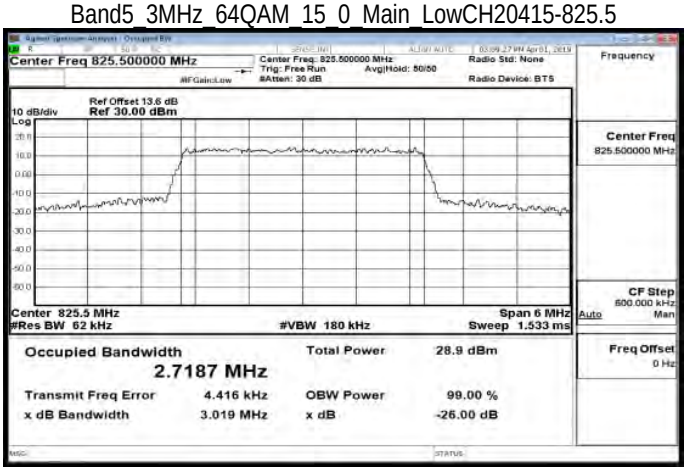


Band5_3MHz_16QAM_15_0_Main_HighCH20635-847.5

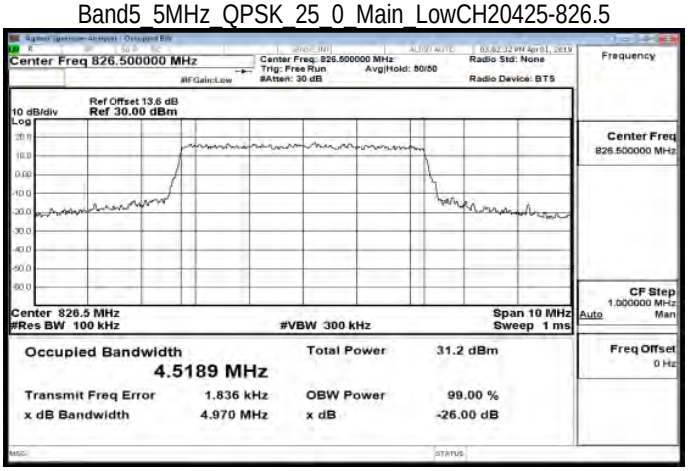


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

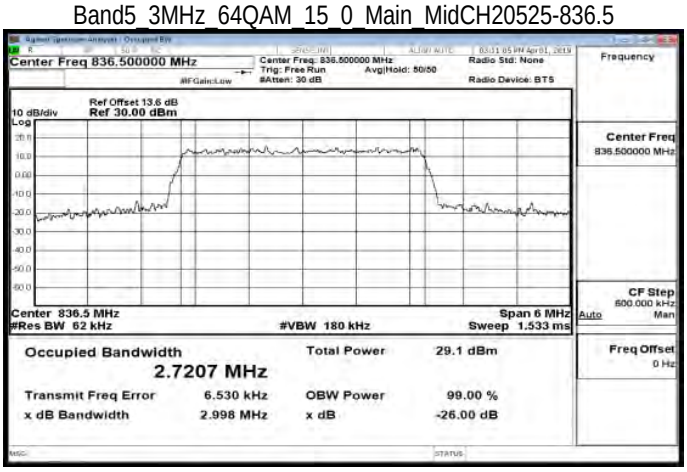
Band5_3MHz_64QAM_15_0_Main_LowCH20415-825.5



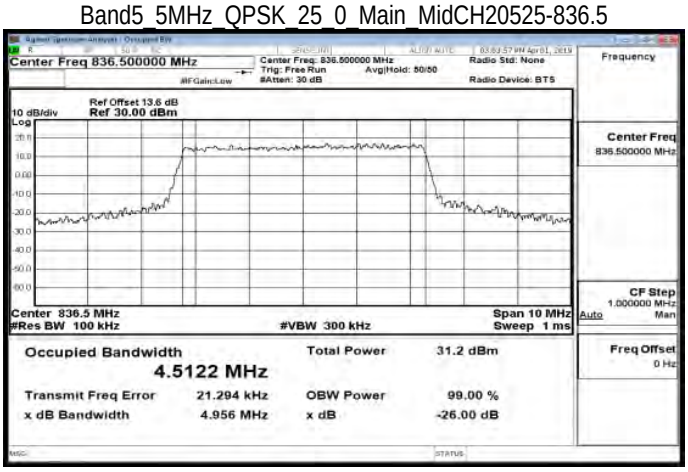
Band5_5MHz_QPSK_25_0_Main_LowCH20425-826.5



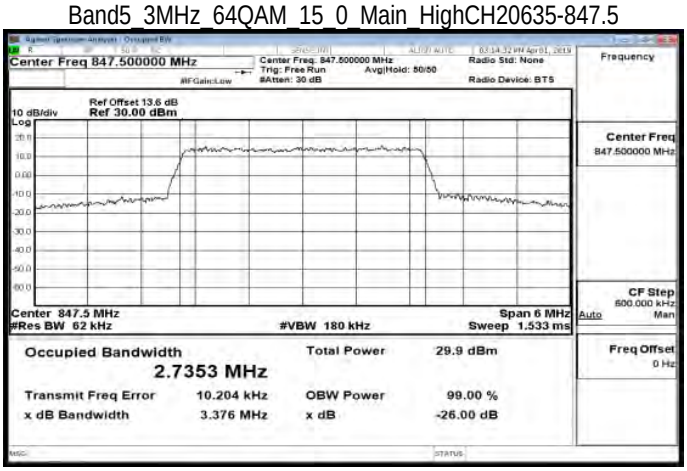
Band5_3MHz_64QAM_15_0_Main_MidCH20525-836.5



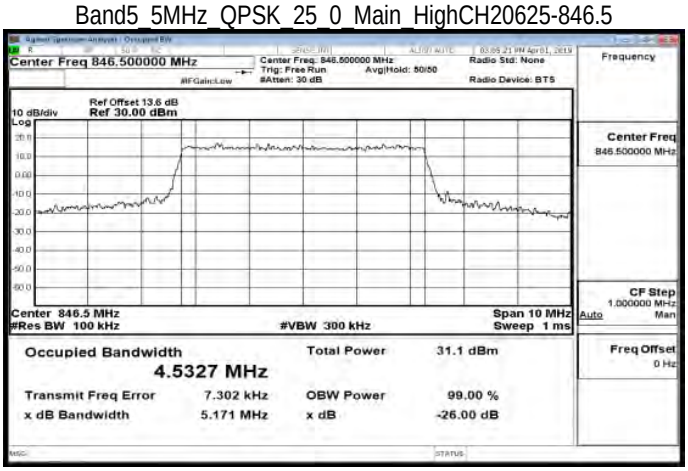
Band5_5MHz_QPSK_25_0_Main_MidCH20525-836.5



Band5_3MHz_64QAM_15_0_Main_HighCH20635-847.5

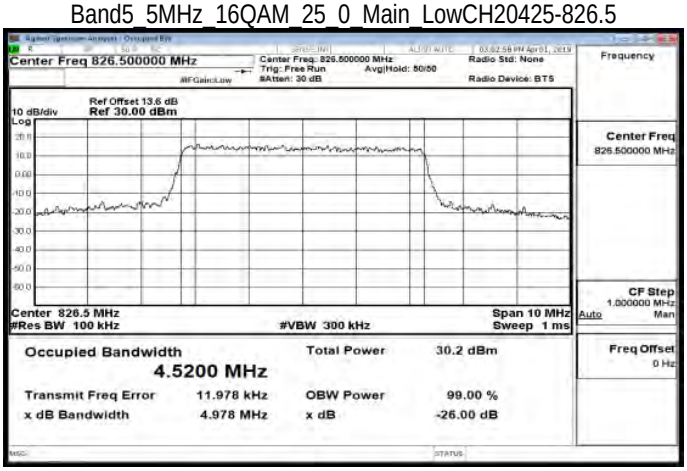


Band5_5MHz_QPSK_25_0_Main_HighCH20625-846.5

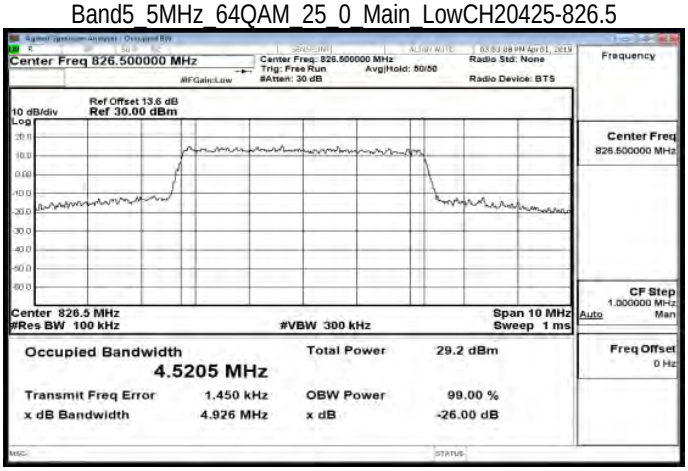


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

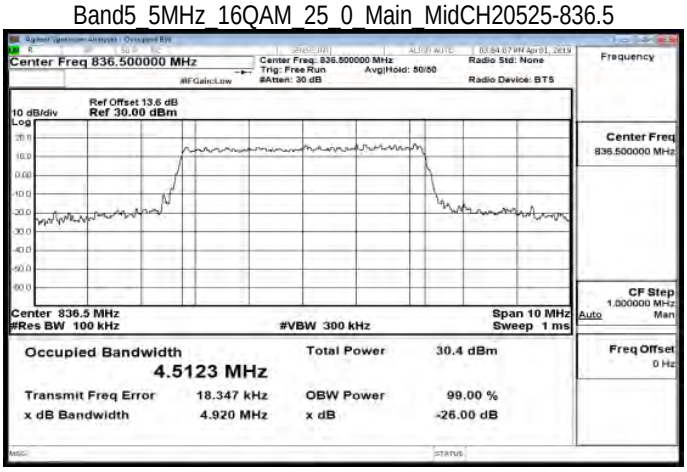
Band5_5MHz_16QAM_25_0_Main_LowCH20425-826.5



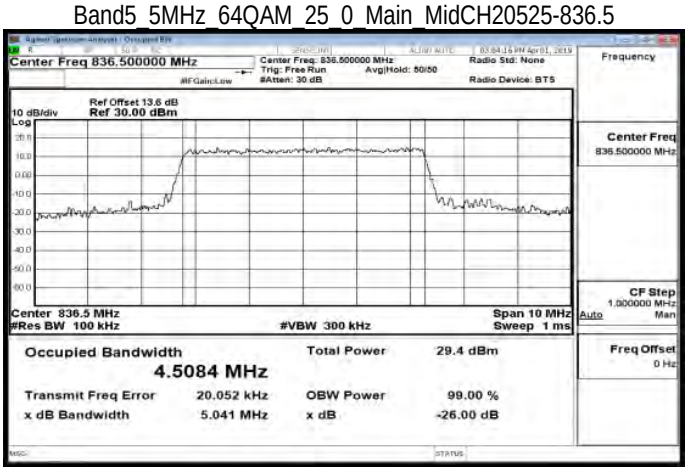
Band5_5MHz_64QAM_25_0_Main_LowCH20425-826.5



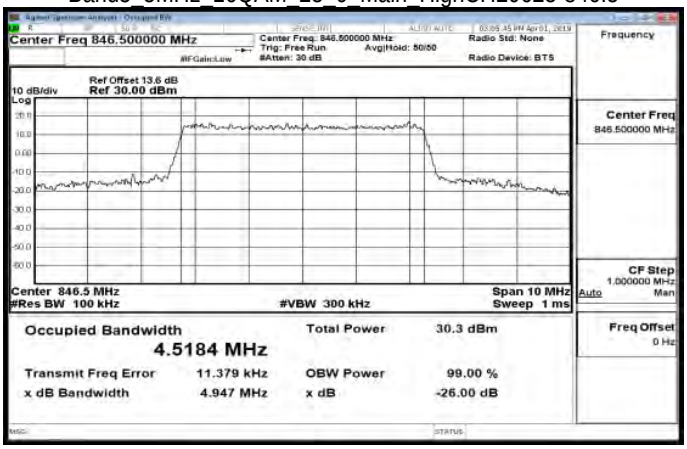
Band5_5MHz_16QAM_25_0_Main_MidCH20525-836.5



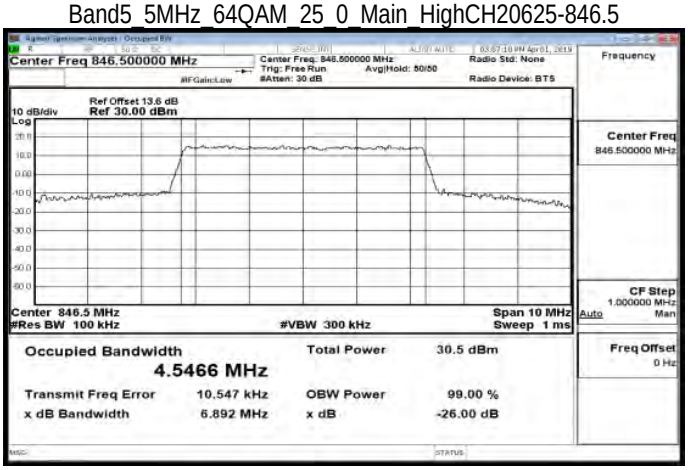
Band5_5MHz_64QAM_25_0_Main_MidCH20525-836.5



Band5_5MHz_16QAM_25_0_Main_HighCH20625-846.5

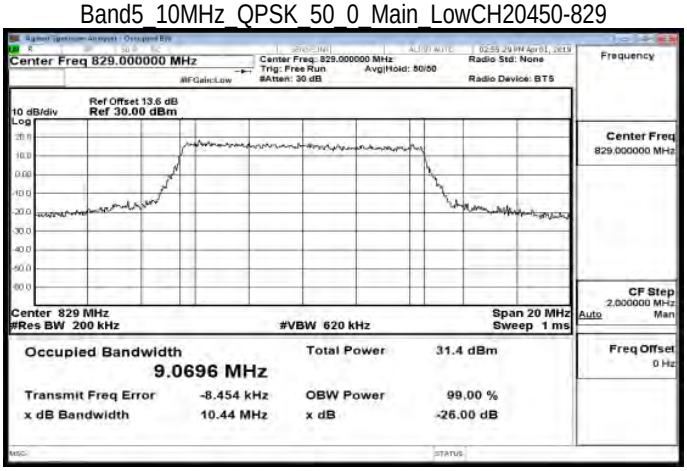


Band5_5MHz_64QAM_25_0_Main_HighCH20625-846.5

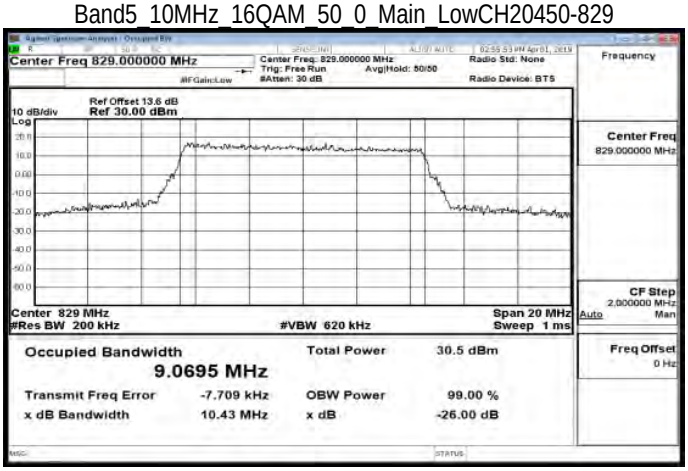


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

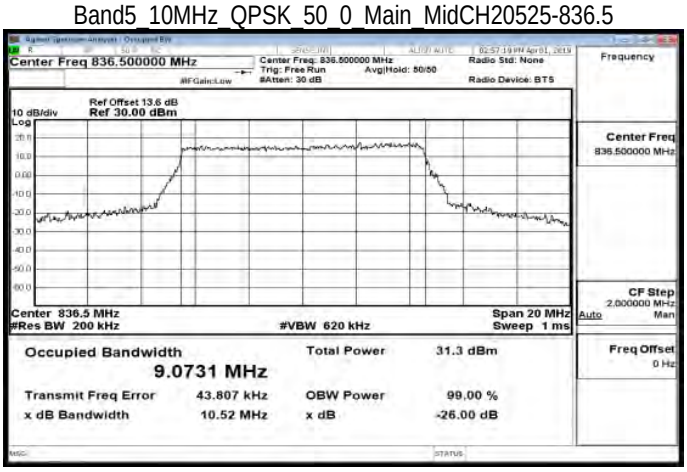
Band5_10MHz_QPSK_50_0_Main_LowCH20450-829



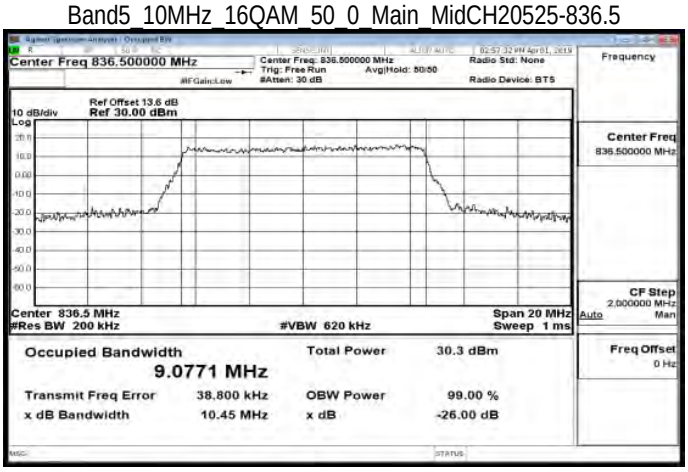
Band5_10MHz_16QAM_50_0_Main_LowCH20450-829



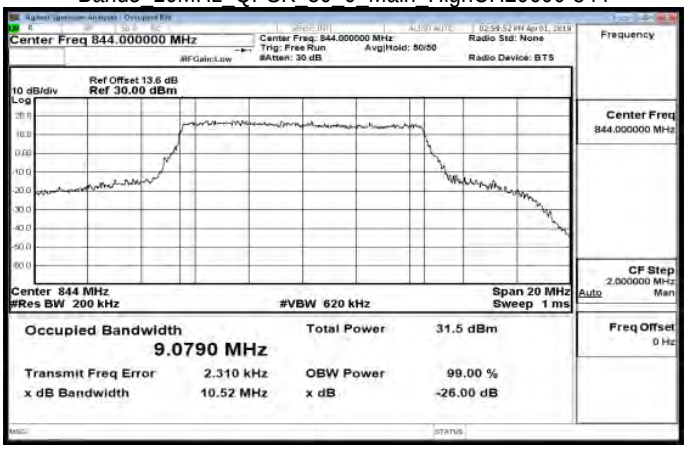
Band5_10MHz_QPSK_50_0_Main_MidCH20525-836.5



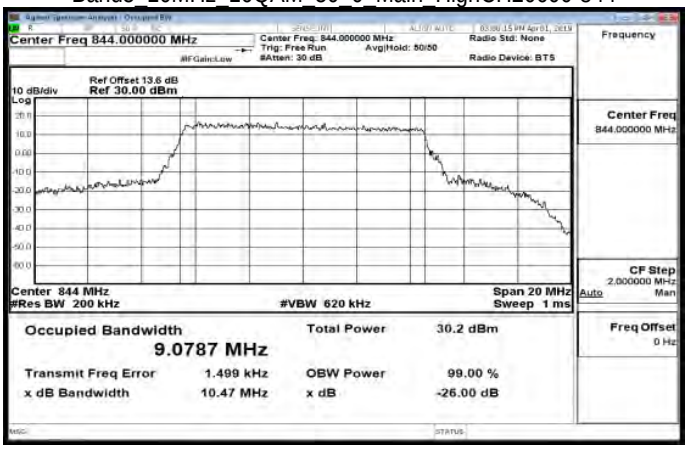
Band5_10MHz_16QAM_50_0_Main_MidCH20525-836.5



Band5_10MHz_QPSK_50_0_Main_HighCH20600-844

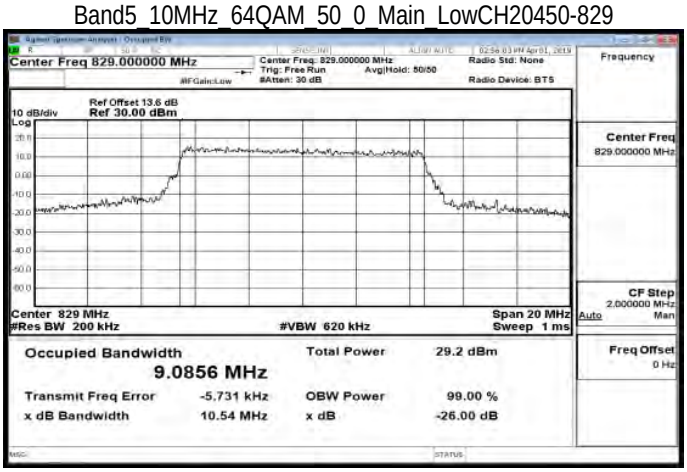


Band5_10MHz_16QAM_50_0_Main_HighCH20600-844

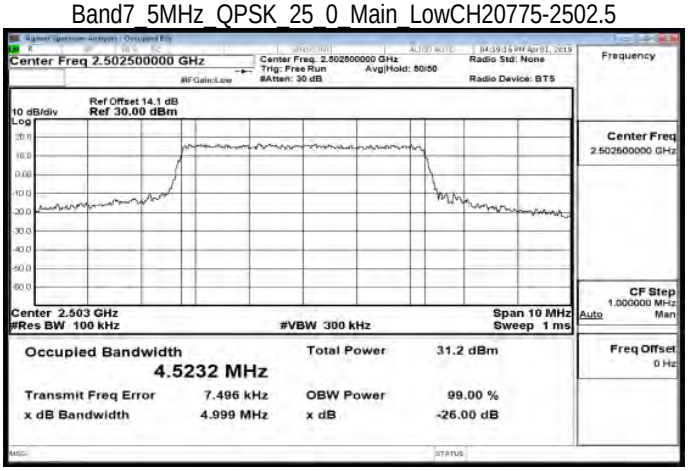


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

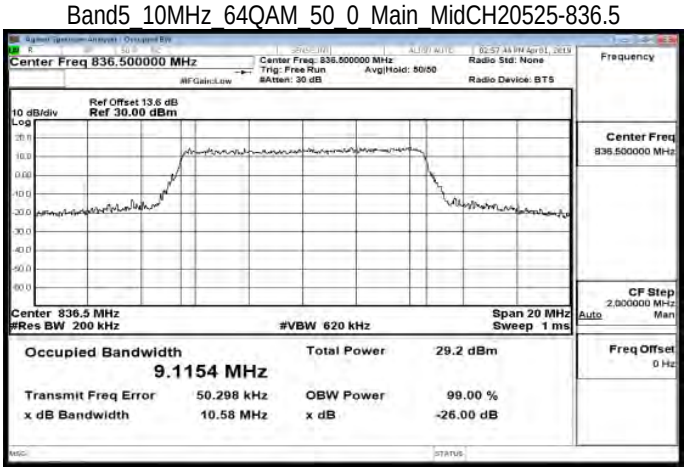
Band5_10MHz_64QAM_50_0_Main_LowCH20450-829



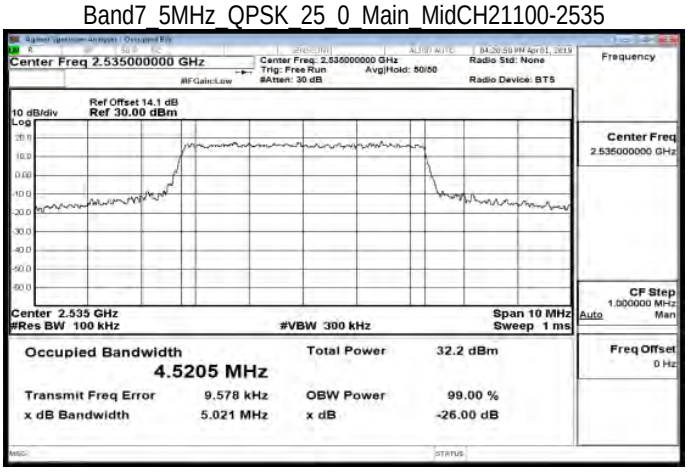
Band7_5MHz_QPSK_25_0_Main_LowCH20775-2502.5



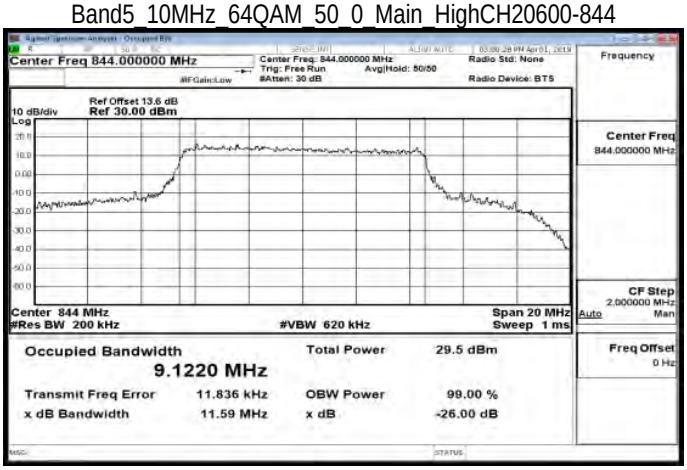
Band5_10MHz_64QAM_50_0_Main_MidCH20525-836.5



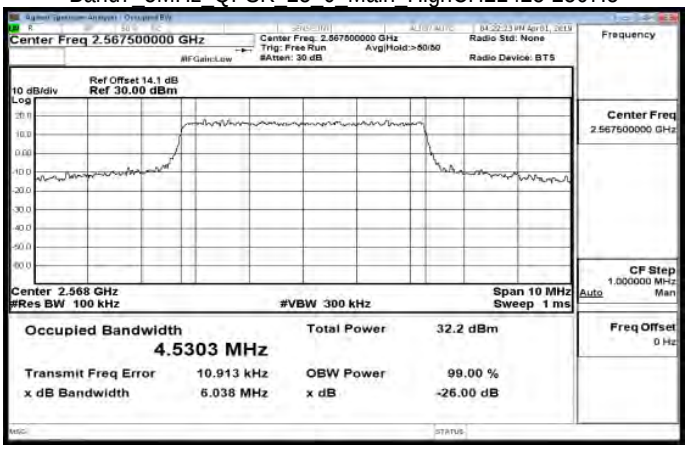
Band7_5MHz_QPSK_25_0_Main_MidCH21100-2535



Band5_10MHz_64QAM_50_0_Main_HighCH20600-844

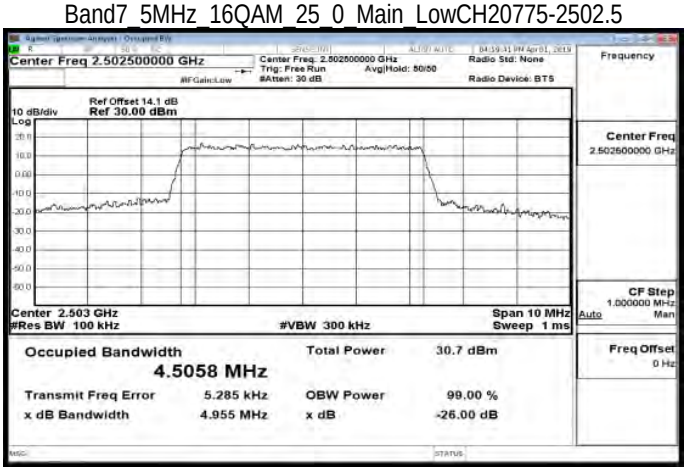


Band7_5MHz_QPSK_25_0_Main_HighCH21425-2567.5

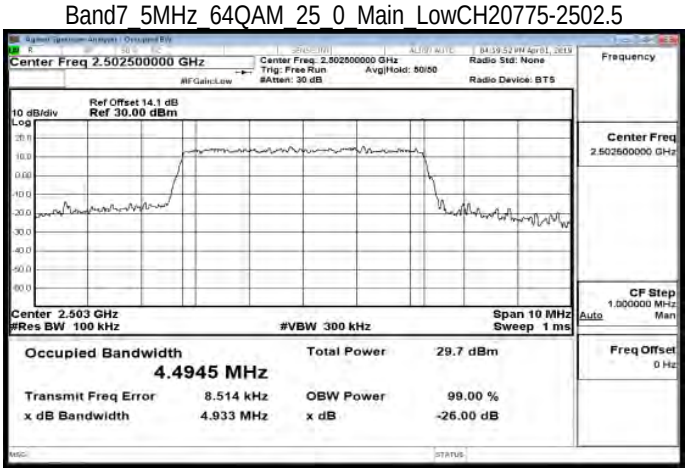


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

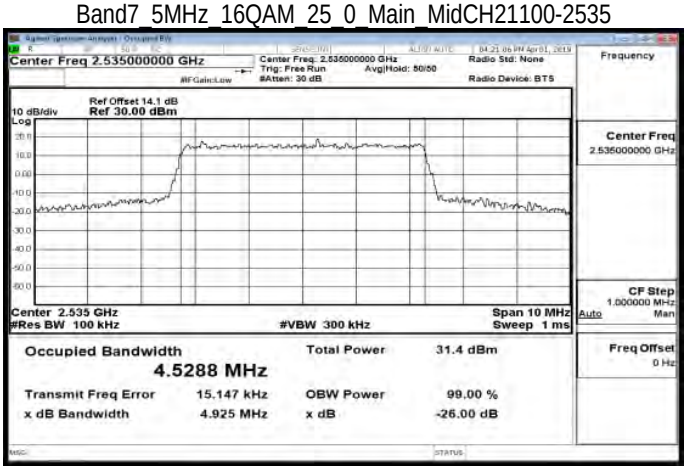
Band7_5MHz_16QAM_25_0_Main_LowCH20775-2502.5



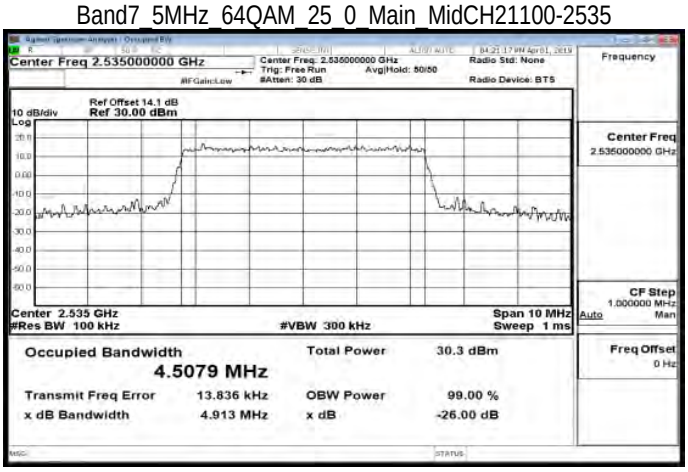
Band7_5MHz_64QAM_25_0_Main_LowCH20775-2502.5



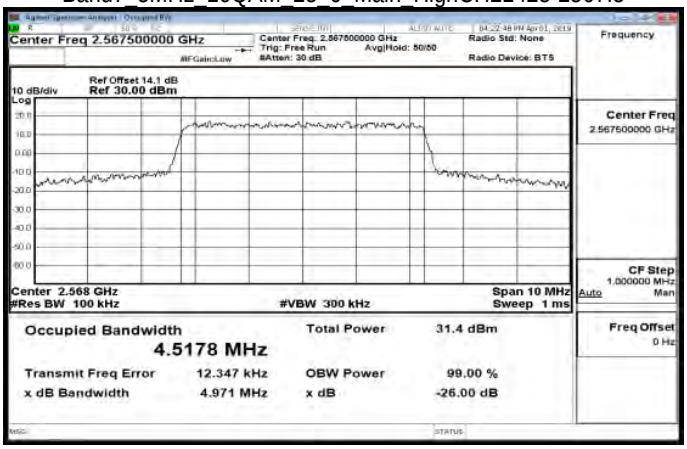
Band7_5MHz_16QAM_25_0_Main_MidCH21100-2535



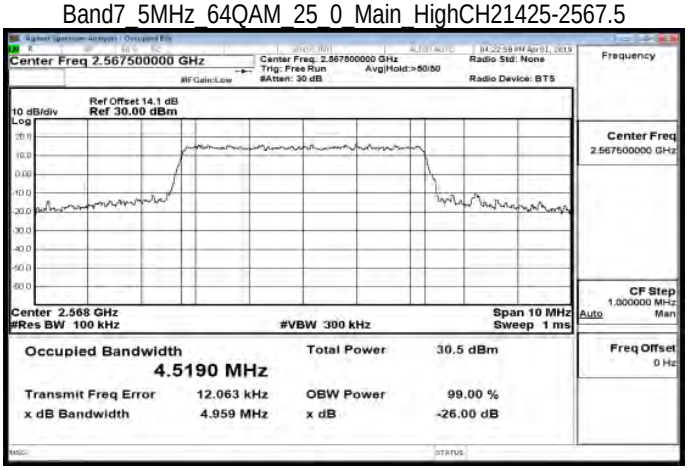
Band7_5MHz_64QAM_25_0_Main_MidCH21100-2535



Band7_5MHz_16QAM_25_0_Main_HighCH21425-2567.5

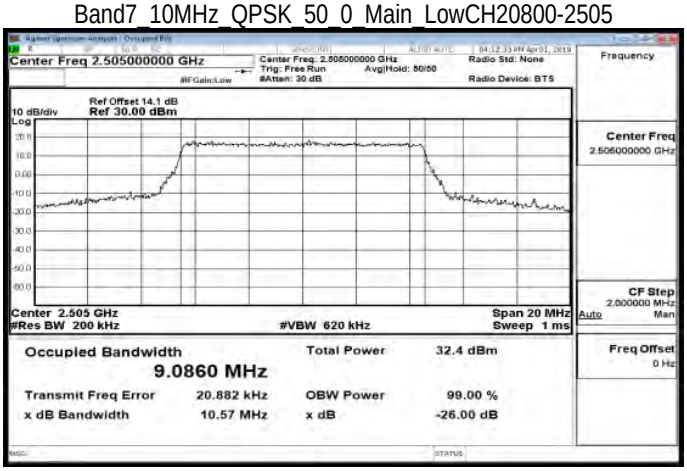


Band7_5MHz_64QAM_25_0_Main_HighCH21425-2567.5

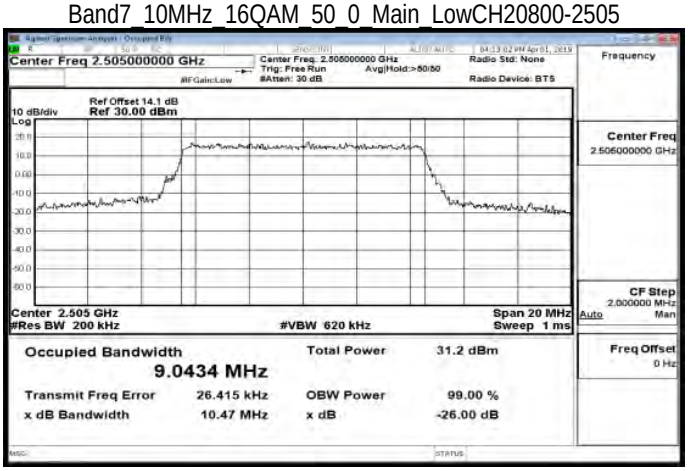


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

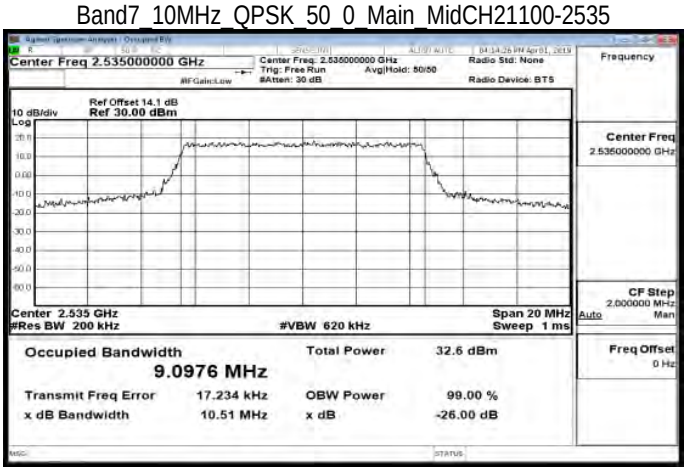
Band7_10MHz_QPSK_50_0_Main_LowCH20800-2505



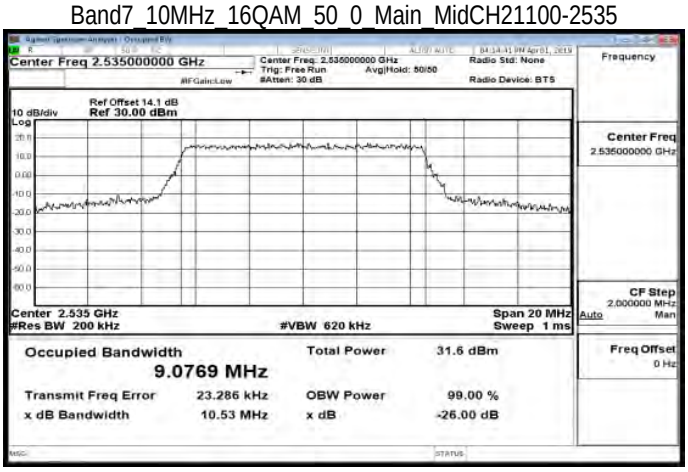
Band7_10MHz_16QAM_50_0_Main_LowCH20800-2505



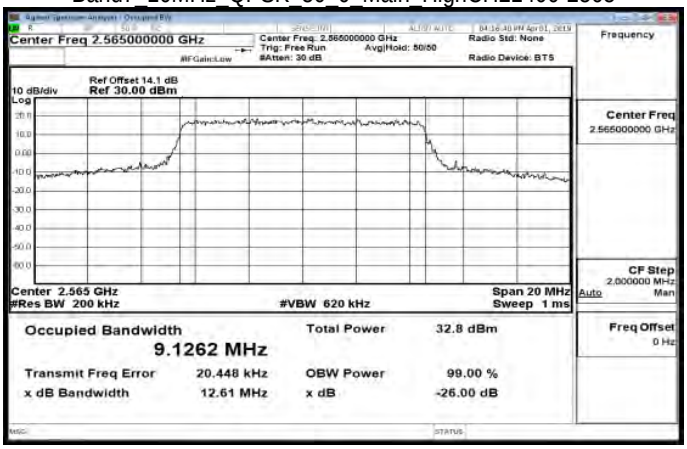
Band7_10MHz_QPSK_50_0_Main_MidCH21100-2535



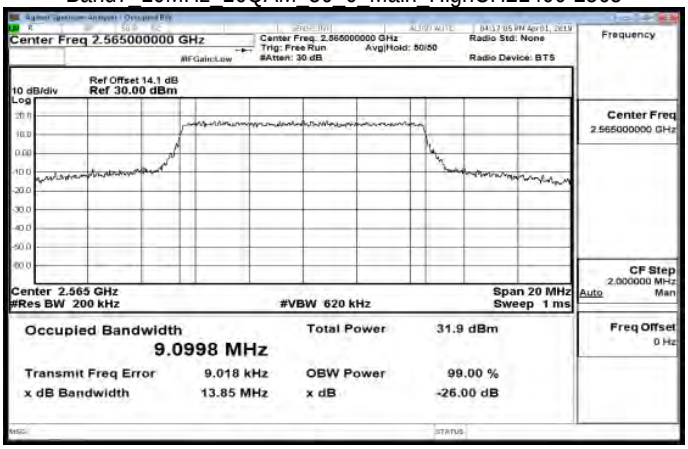
Band7_10MHz_16QAM_50_0_Main_MidCH21100-2535



Band7_10MHz_QPSK_50_0_Main_HighCH21400-2565

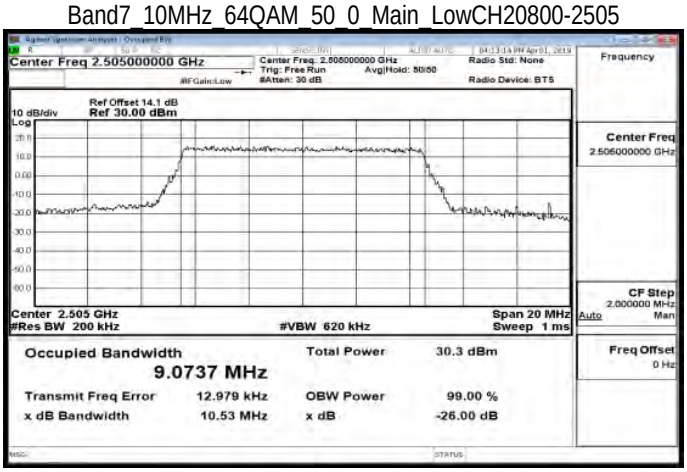


Band7_10MHz_16QAM_50_0_Main_HighCH21400-2565

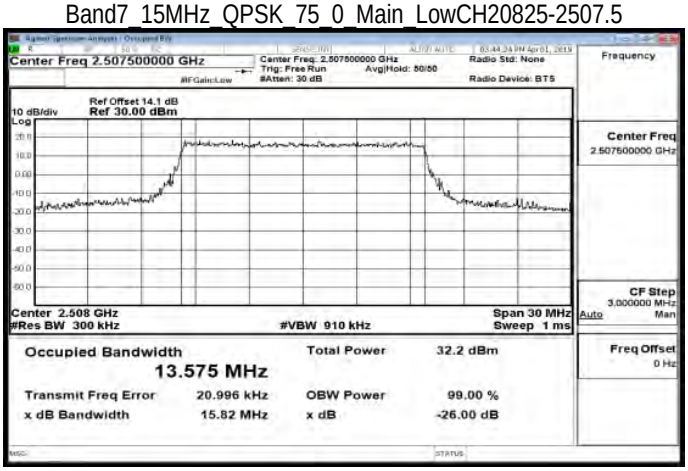


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

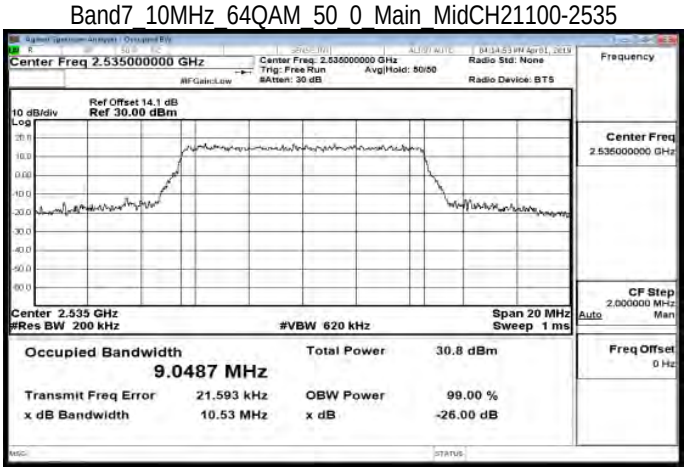
Band7_10MHz_64QAM_50_0_Main_LowCH20800-2505



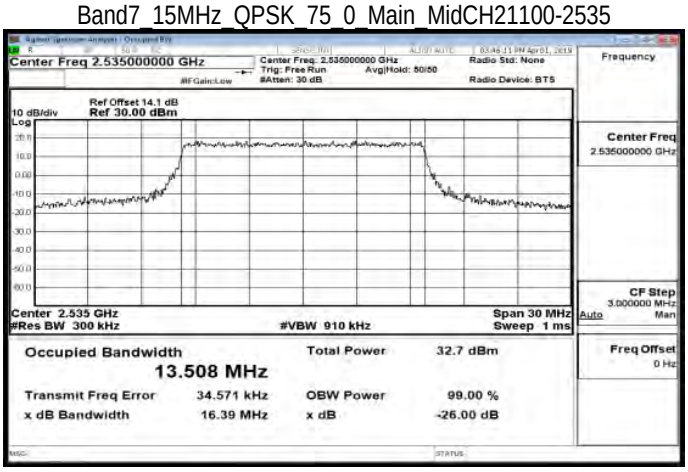
Band7_15MHz_QPSK_75_0_Main_LowCH20825-2507.5



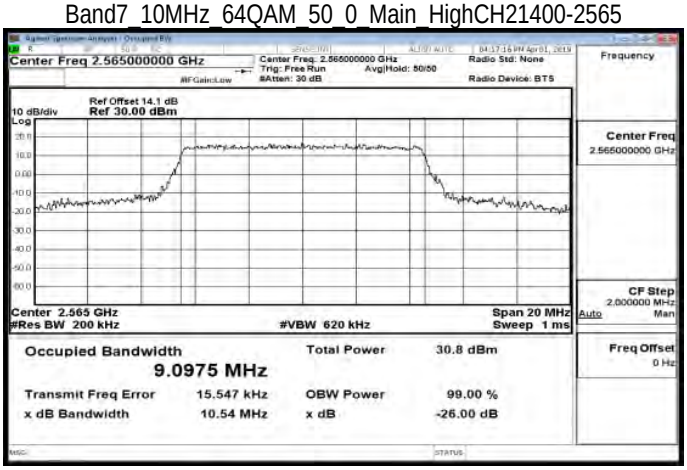
Band7_10MHz_64QAM_50_0_Main_MidCH21100-2535



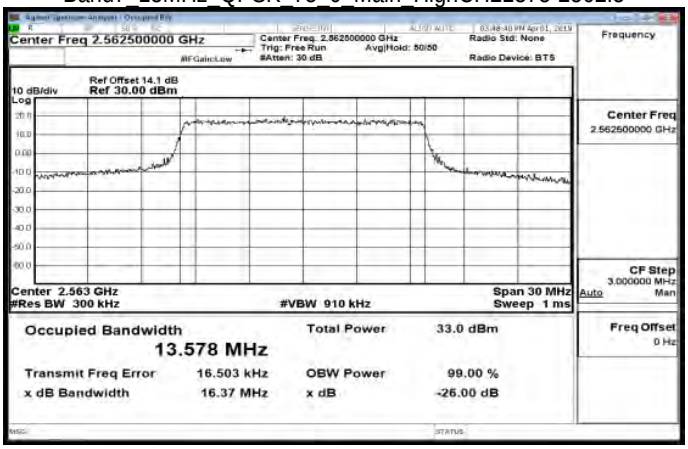
Band7_15MHz_QPSK_75_0_Main_MidCH21100-2535



Band7_10MHz_64QAM_50_0_Main_HighCH21400-2565

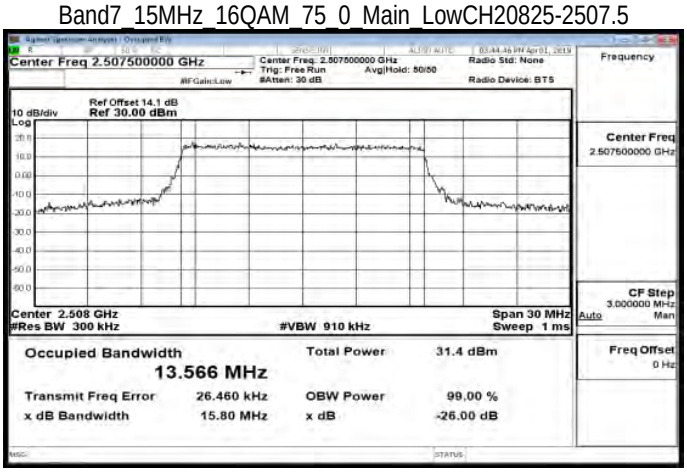


Band7_15MHz_QPSK_75_0_Main_HighCH21375-2562.5

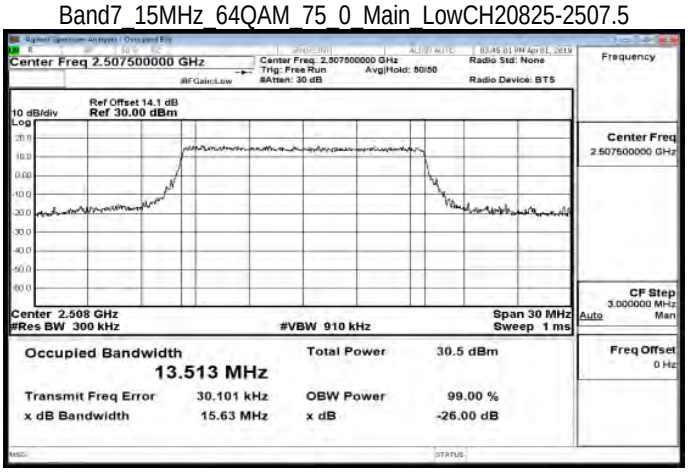


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

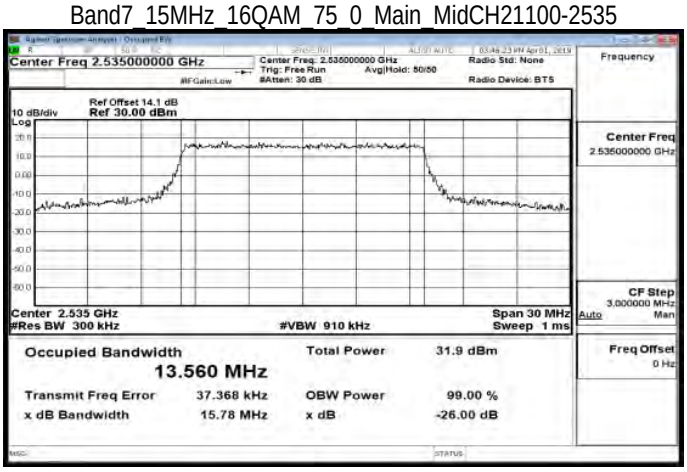
Band7_15MHz_16QAM_75_0_Main_LowCH20825-2507.5



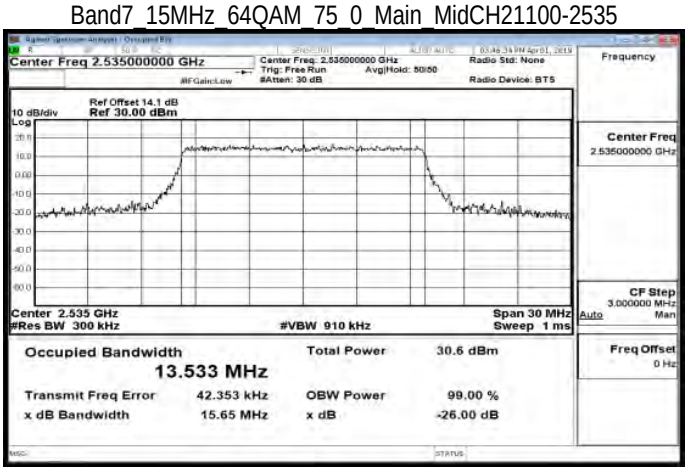
Band7_15MHz_64QAM_75_0_Main_LowCH20825-2507.5



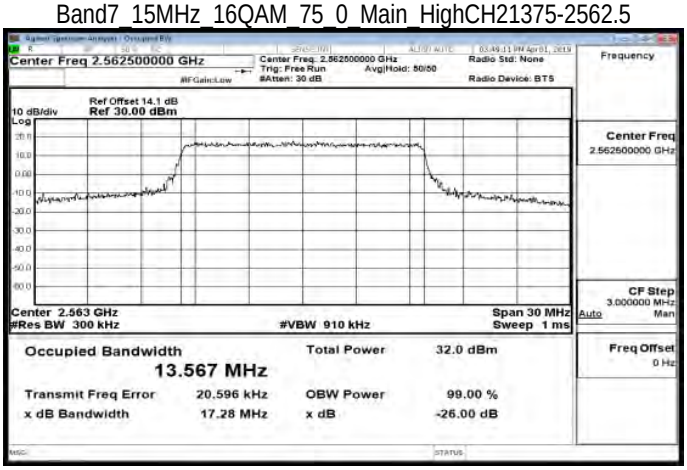
Band7_15MHz_16QAM_75_0_Main_MidCH21100-2535



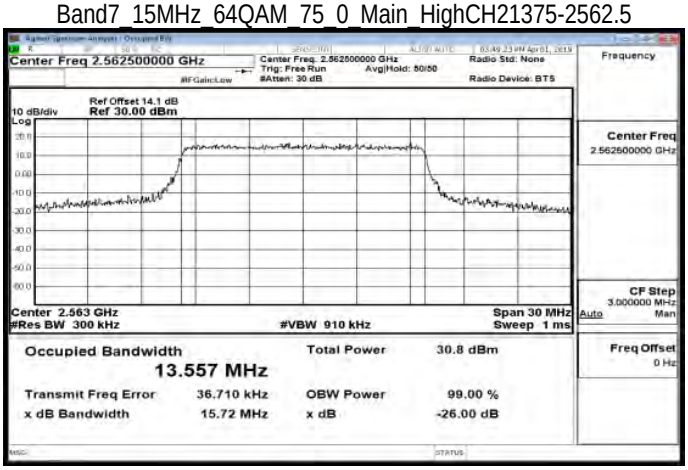
Band7_15MHz_64QAM_75_0_Main_MidCH21100-2535



Band7_15MHz_16QAM_75_0_Main_HighCH21375-2562.5

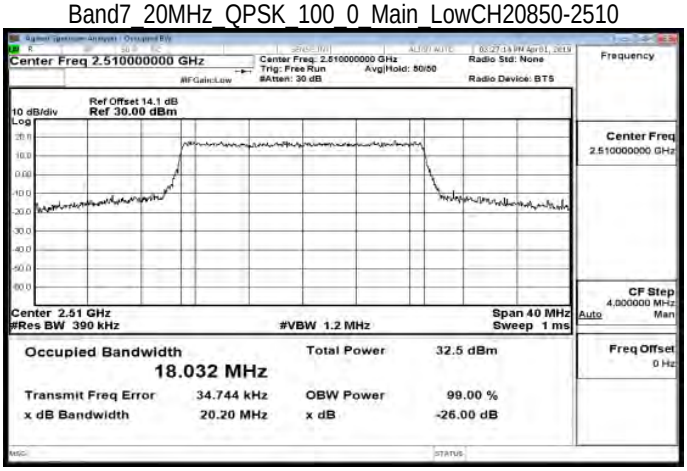


Band7_15MHz_64QAM_75_0_Main_HighCH21375-2562.5

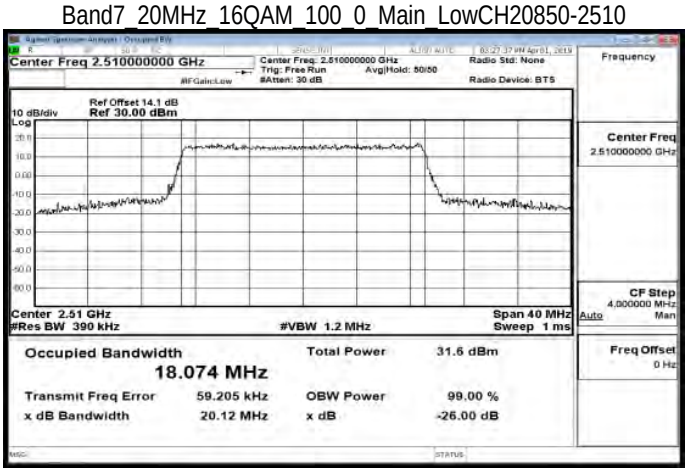


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

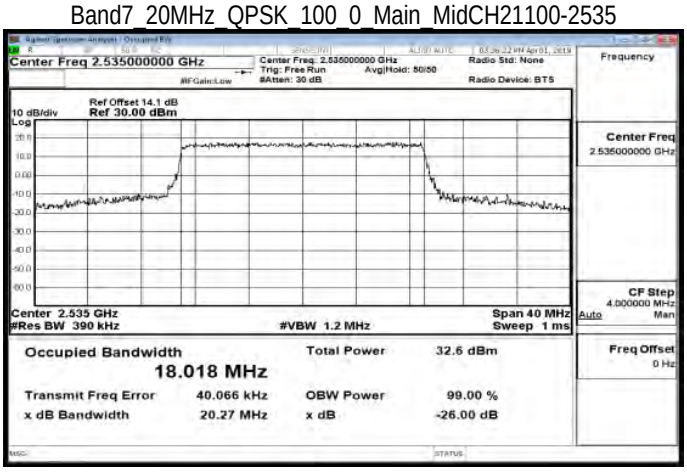
Band7_20MHz_QPSK_100_0_Main_LowCH20850-2510



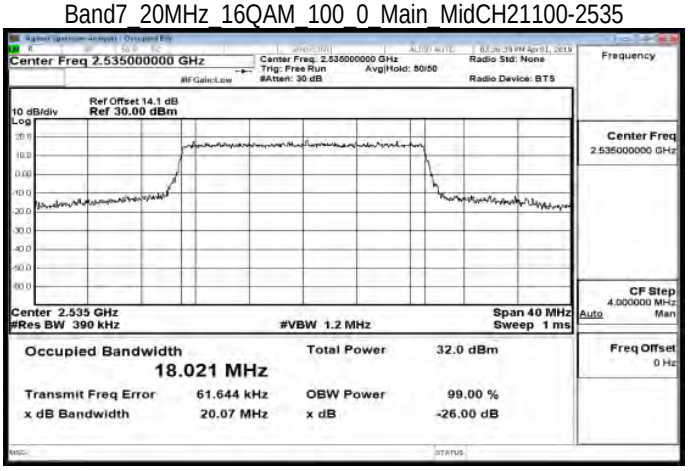
Band7_20MHz_16QAM_100_0_Main_LowCH20850-2510



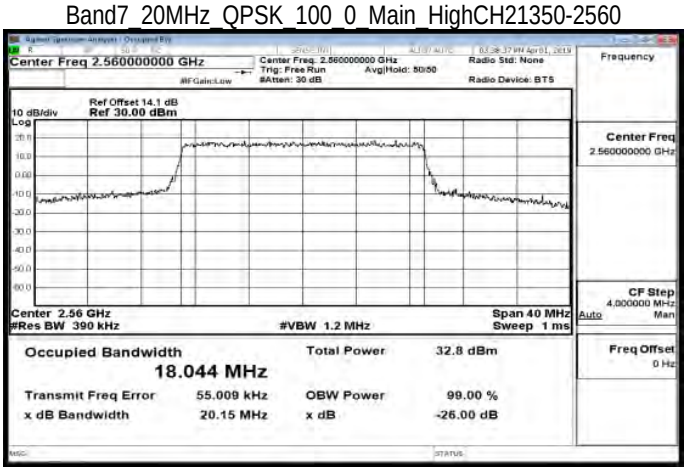
Band7_20MHz_QPSK_100_0_Main_MidCH21100-2535



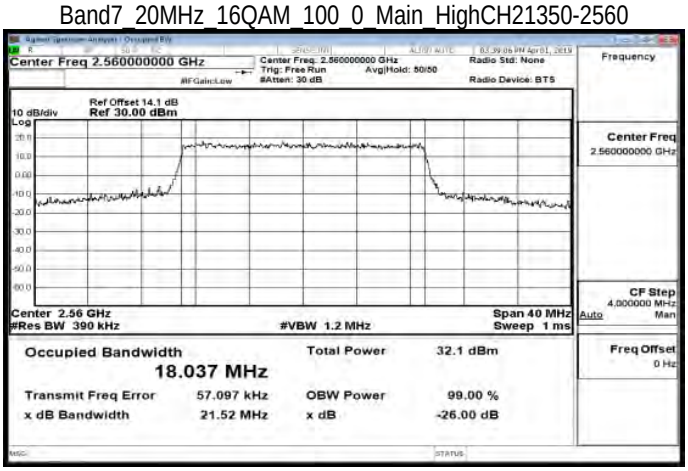
Band7_20MHz_16QAM_100_0_Main_MidCH21100-2535



Band7_20MHz_QPSK_100_0_Main_HighCH21350-2560

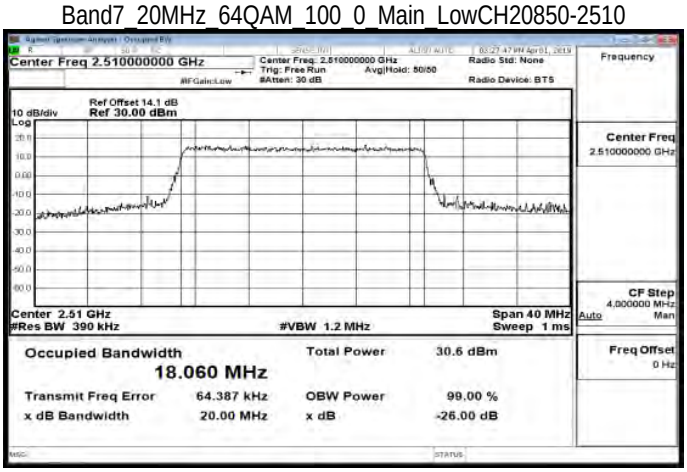


Band7_20MHz_16QAM_100_0_Main_HighCH21350-2560

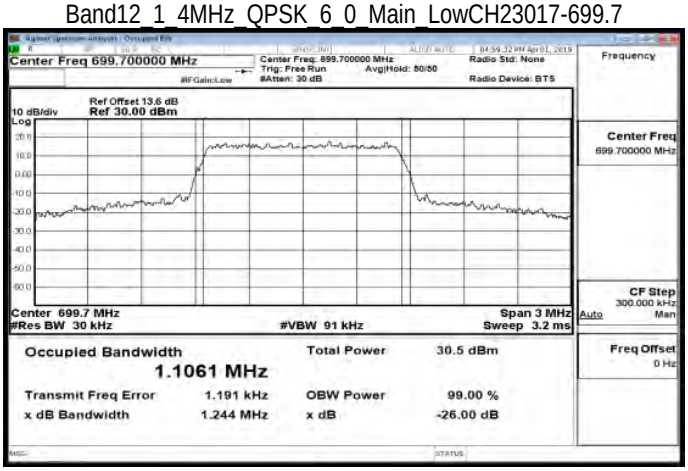


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

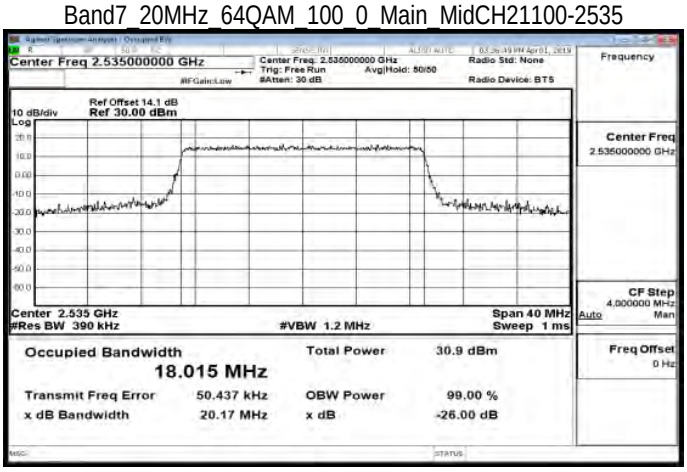
Band7_20MHz_64QAM_100_0_Main_LowCH20850-2510



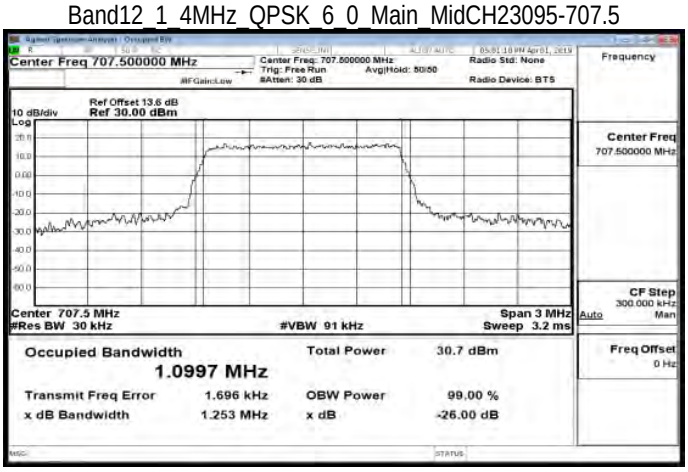
Band12_1_4MHz_QPSK_6_0_Main_LowCH23017-699.7



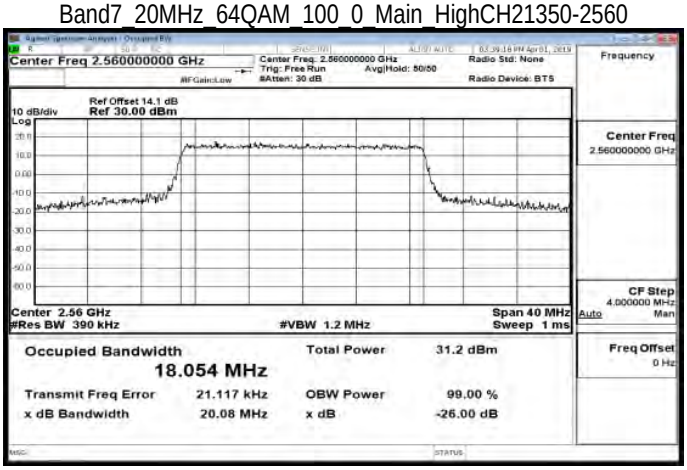
Band7_20MHz_64QAM_100_0_Main_MidCH21100-2535



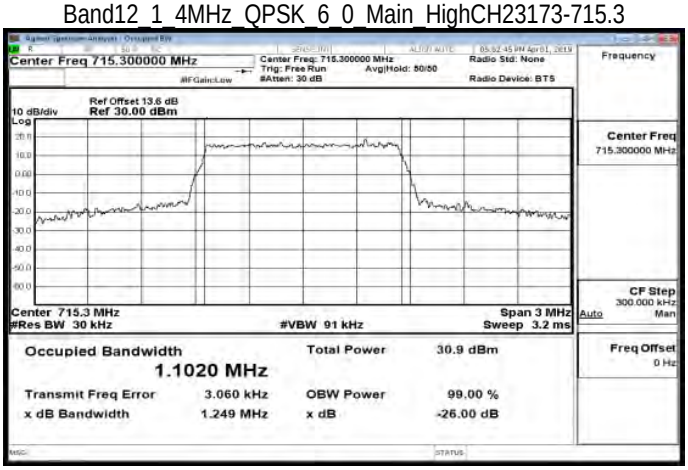
Band12_1_4MHz_QPSK_6_0_Main_MidCH23095-707.5



Band7_20MHz_64QAM_100_0_Main_HighCH21350-2560

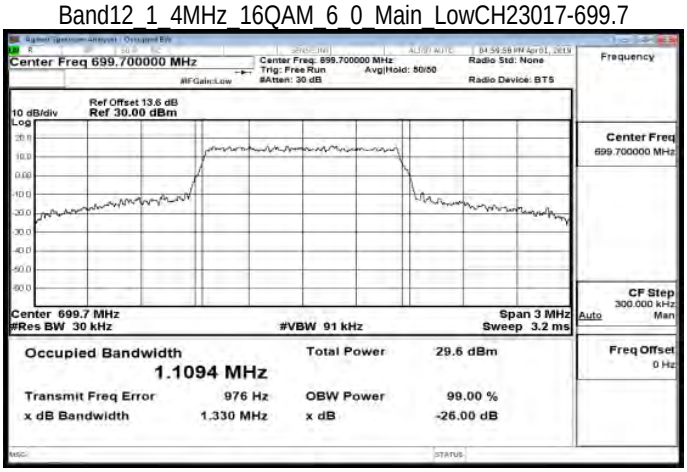


Band12_1_4MHz_QPSK_6_0_Main_HighCH23173-715.3

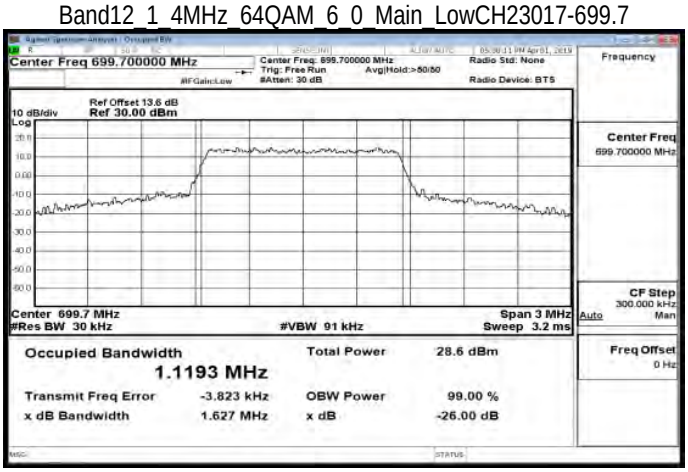


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

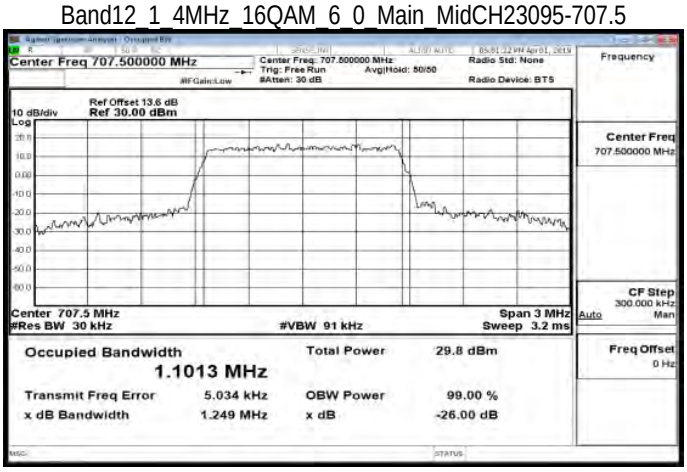
Band12_1_4MHz_16QAM_6_0_Main_LowCH23017-699.7



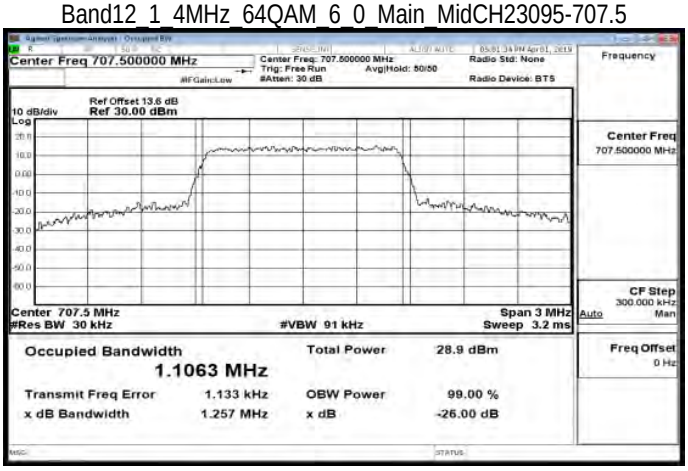
Band12_1_4MHz_64QAM_6_0_Main_LowCH23017-699.7



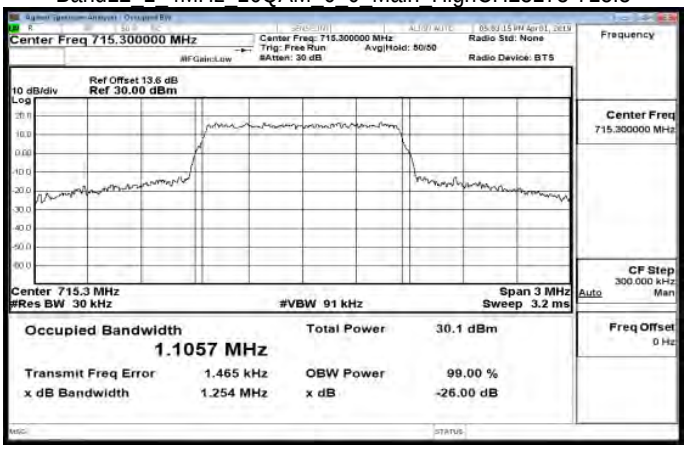
Band12_1_4MHz_16QAM_6_0_Main_MidCH23095-707.5



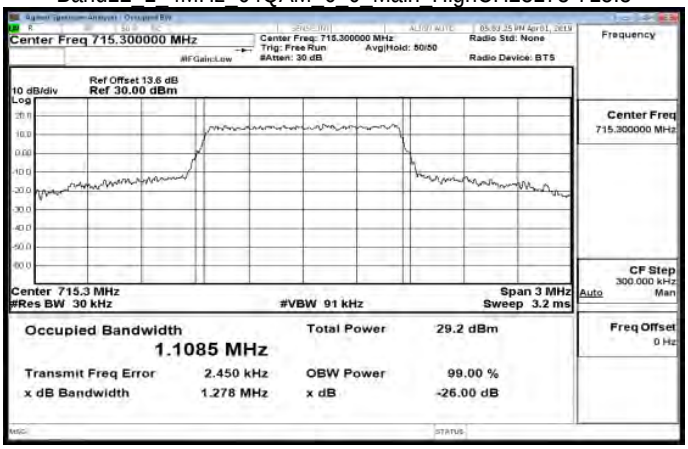
Band12_1_4MHz_64QAM_6_0_Main_MidCH23095-707.5



Band12_1_4MHz_16QAM_6_0_Main_HighCH23173-715.3

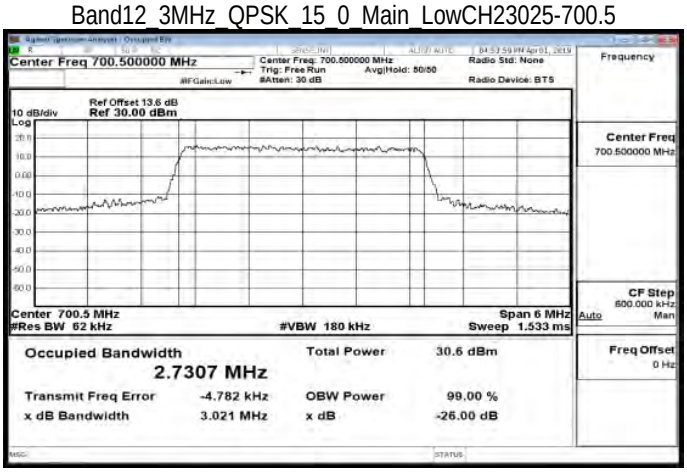


Band12_1_4MHz_64QAM_6_0_Main_HighCH23173-715.3

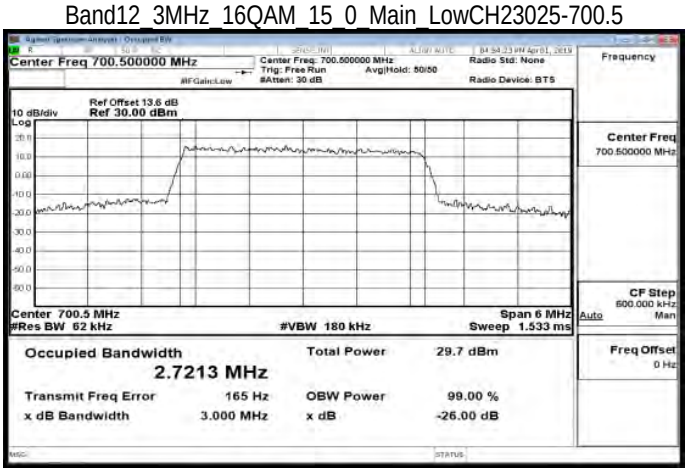


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

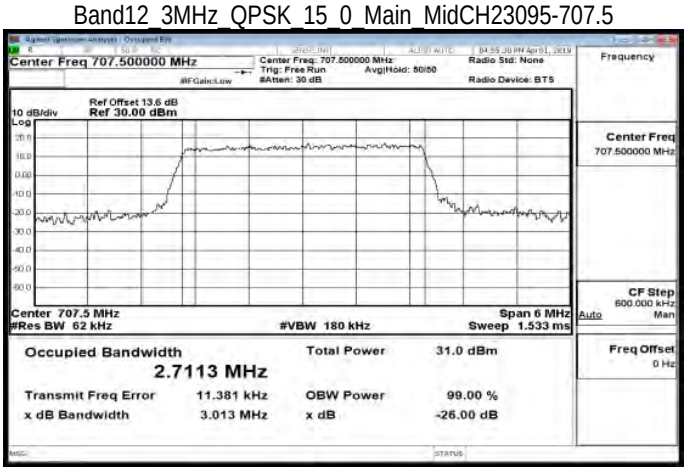
Band12_3MHz_QPSK_15_0_Main_LowCH23025-700.5



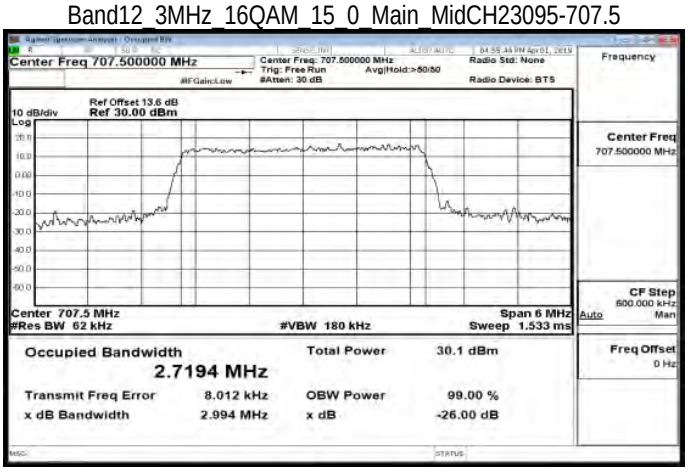
Band12_3MHz_16QAM_15_0_Main_LowCH23025-700.5



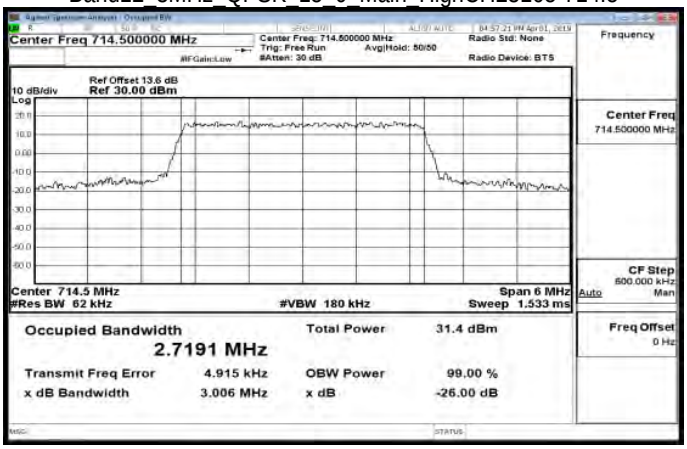
Band12_3MHz_QPSK_15_0_Main_MidCH23095-707.5



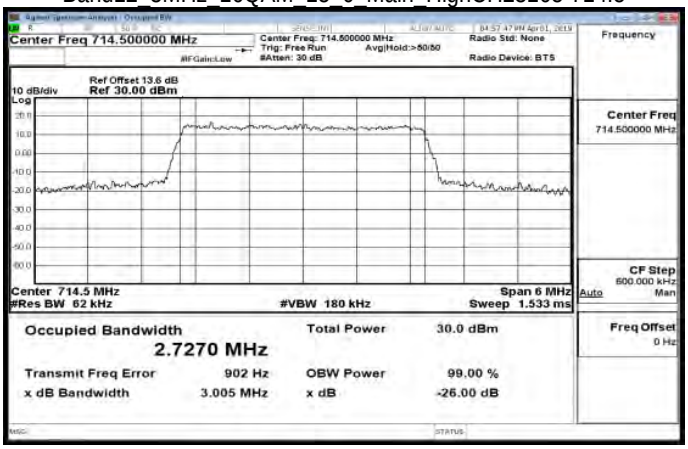
Band12_3MHz_16QAM_15_0_Main_MidCH23095-707.5



Band12_3MHz_QPSK_15_0_Main_HighCH23165-714.5

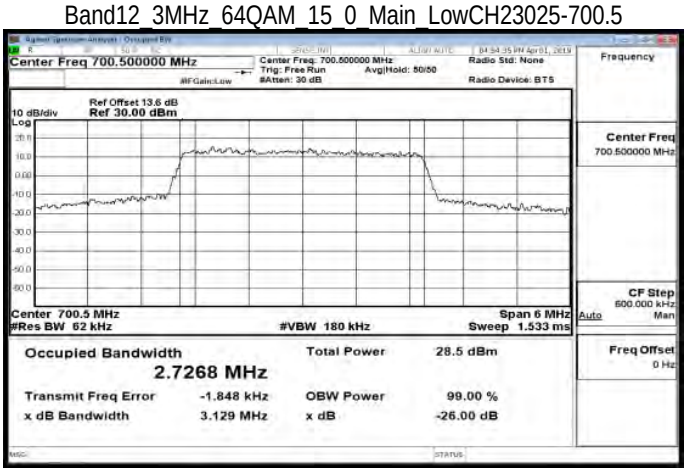


Band12_3MHz_16QAM_15_0_Main_HighCH23165-714.5

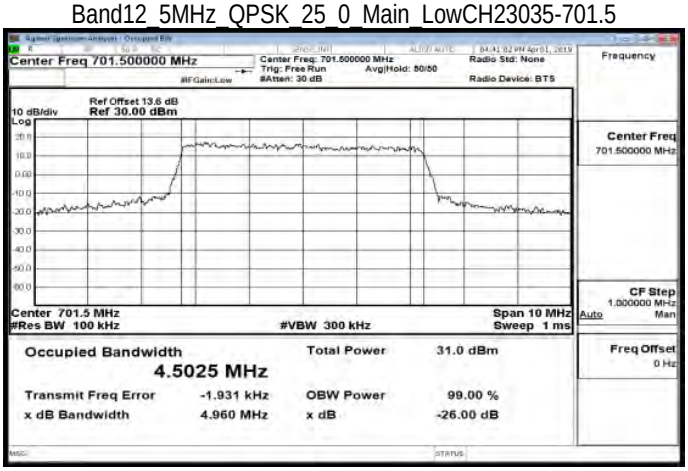


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

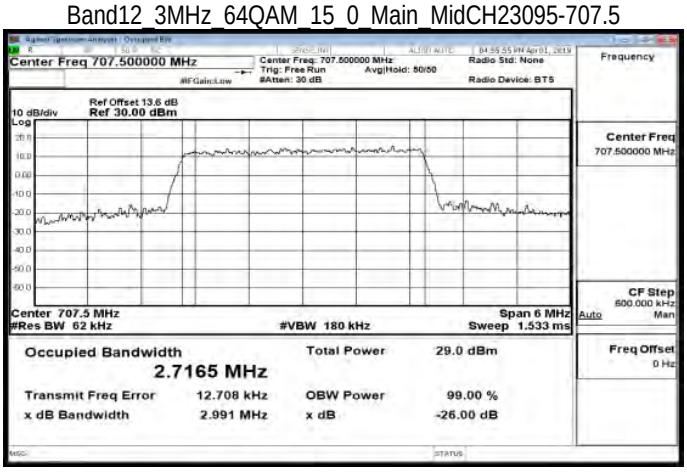
Band12_3MHz_64QAM_15_0_Main_LowCH23025-700.5



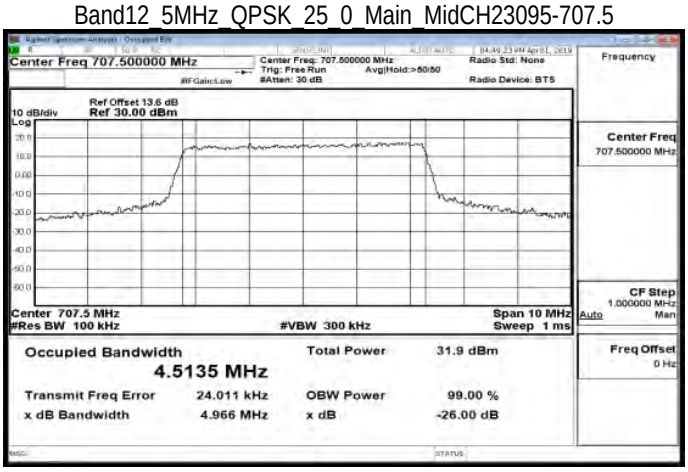
Band12_5MHz_QPSK_25_0_Main_LowCH23035-701.5



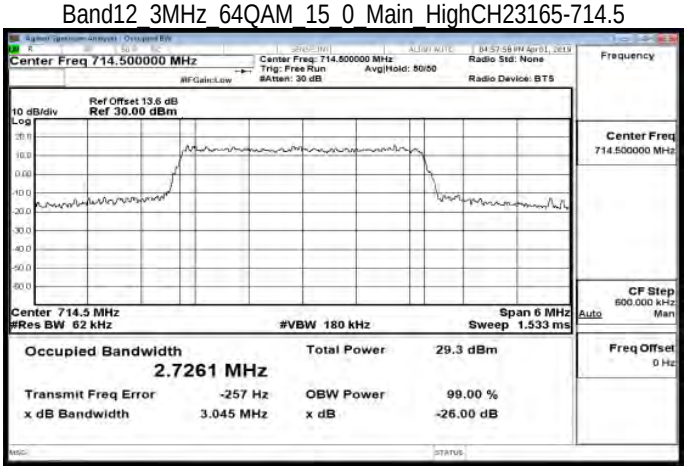
Band12_3MHz_64QAM_15_0_Main_MidCH23095-707.5



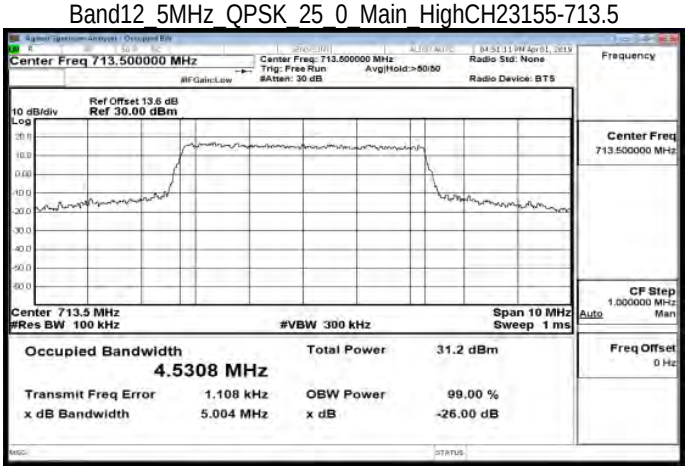
Band12_5MHz_QPSK_25_0_Main_MidCH23095-707.5



Band12_3MHz_64QAM_15_0_Main_HighCH23165-714.5

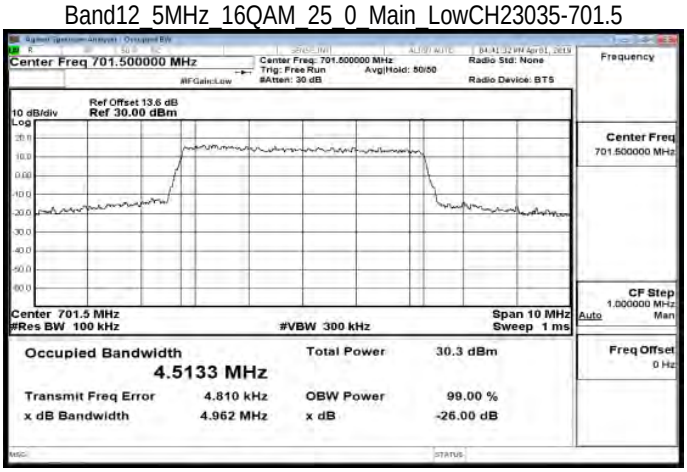


Band12_5MHz_QPSK_25_0_Main_HighCH23155-713.5

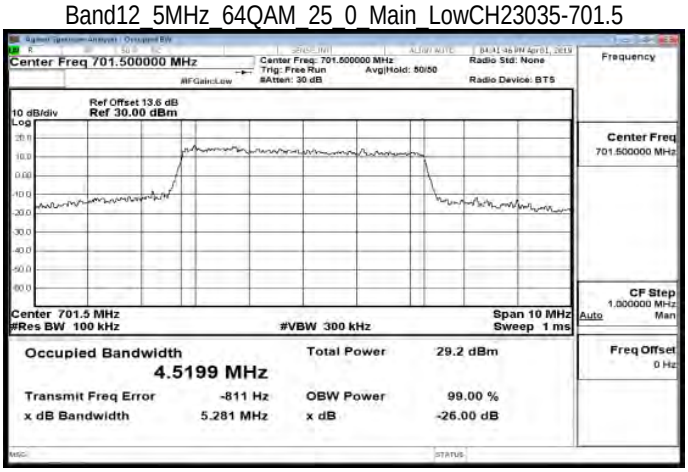


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

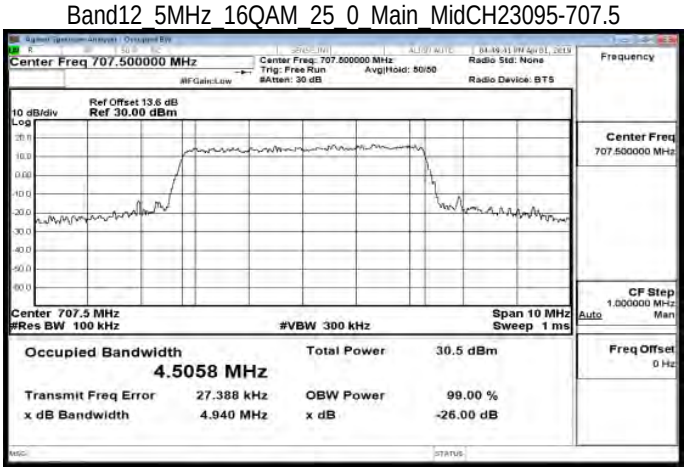
Band12_5MHz_16QAM_25_0_Main_LowCH23035-701.5



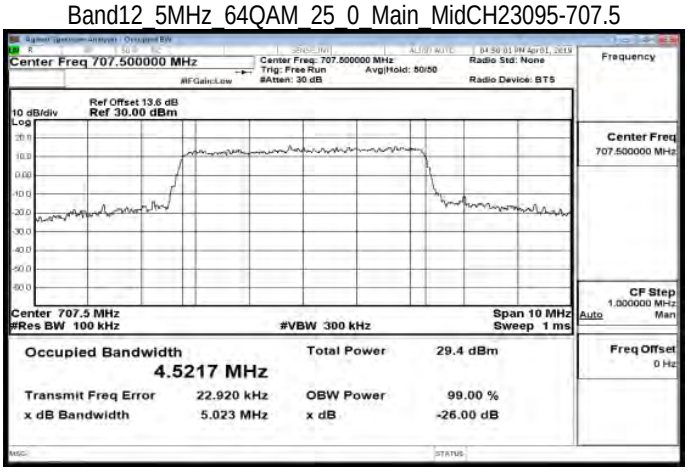
Band12_5MHz_64QAM_25_0_Main_LowCH23035-701.5



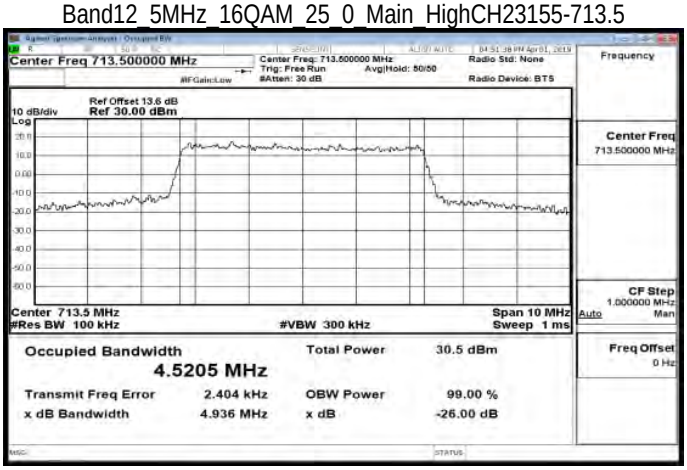
Band12_5MHz_16QAM_25_0_Main_MidCH23095-707.5



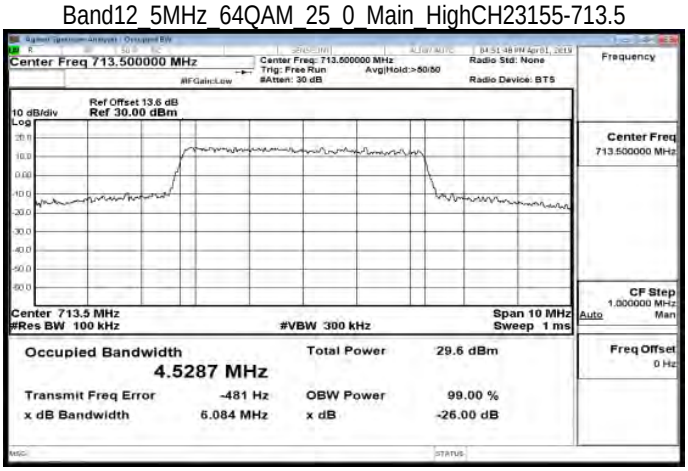
Band12_5MHz_64QAM_25_0_Main_MidCH23095-707.5



Band12_5MHz_16QAM_25_0_Main_HighCH23155-713.5

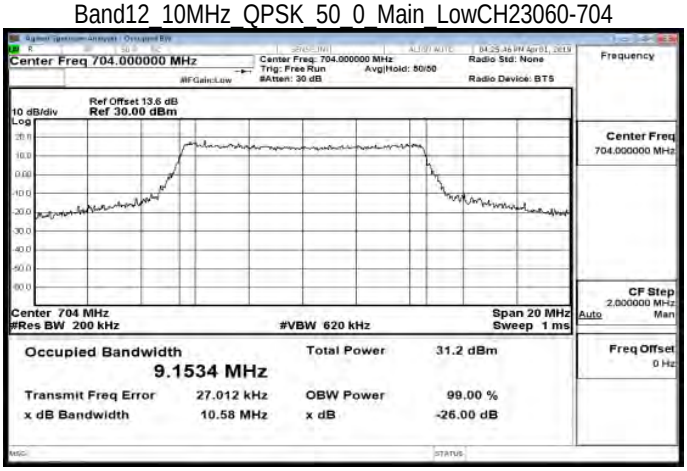


Band12_5MHz_64QAM_25_0_Main_HighCH23155-713.5

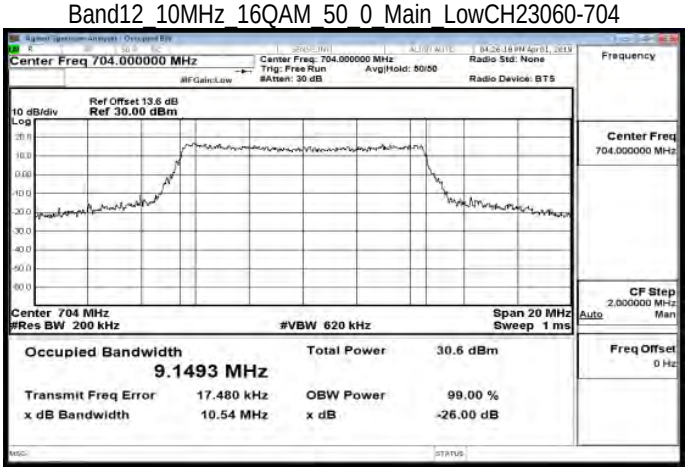


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

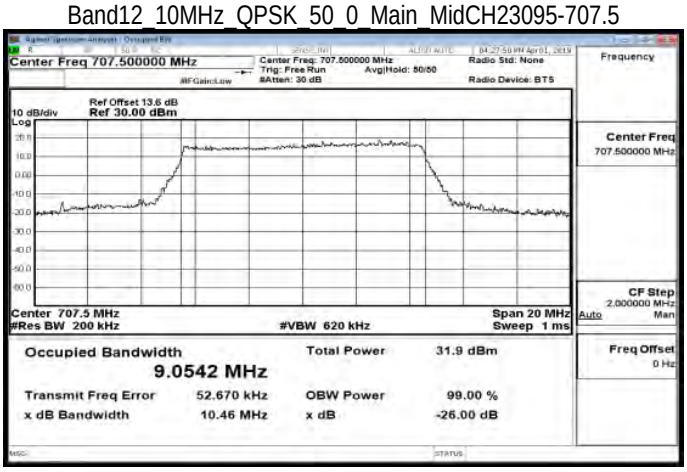
Band12_10MHz_QPSK_50_0_Main_LowCH23060-704



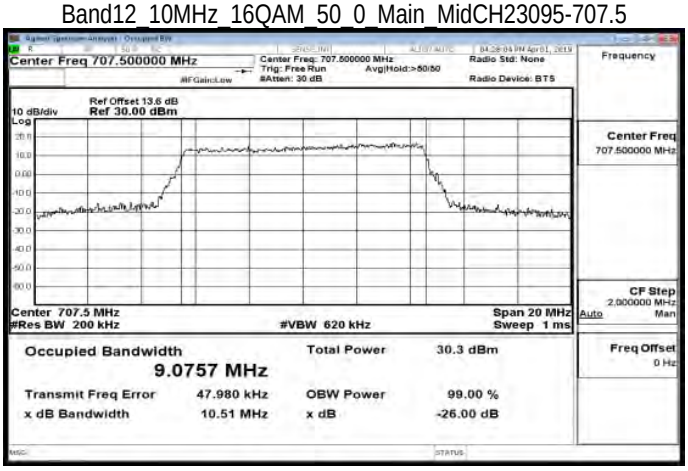
Band12_10MHz_16QAM_50_0_Main_LowCH23060-704



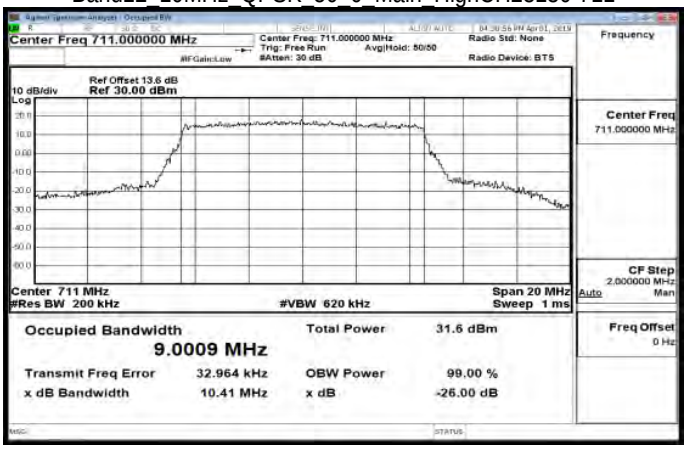
Band12_10MHz_QPSK_50_0_Main_MidCH23095-707.5



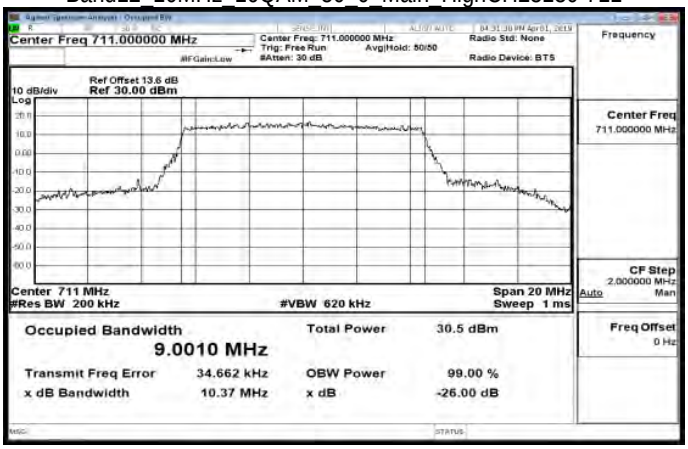
Band12_10MHz_16QAM_50_0_Main_MidCH23095-707.5



Band12_10MHz_QPSK_50_0_Main_HighCH23130-711

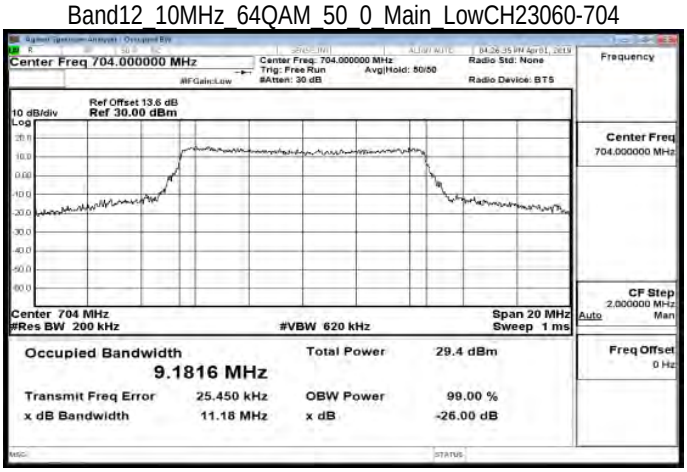


Band12_10MHz_16QAM_50_0_Main_HighCH23130-711

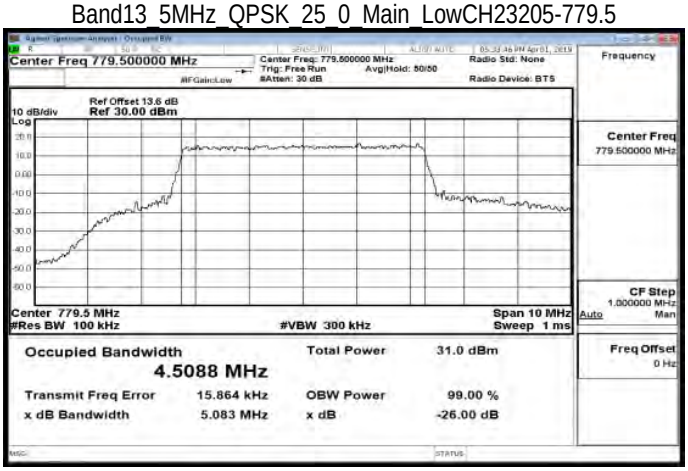


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

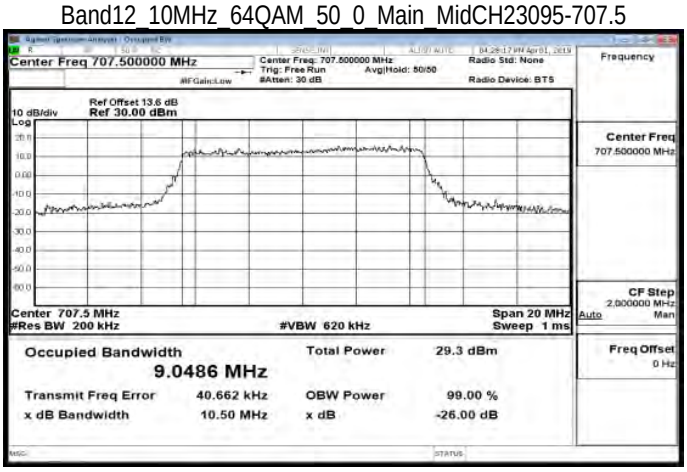
Band12_10MHz_64QAM_50_0_Main_LowCH23060-704



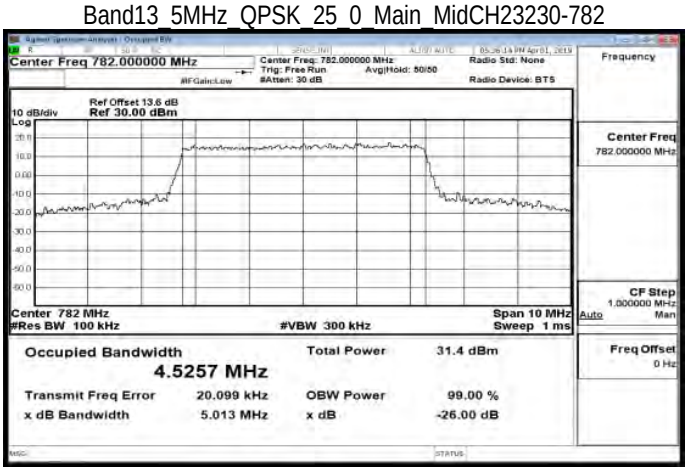
Band13_5MHz_QPSK_25_0_Main_LowCH23205-779.5



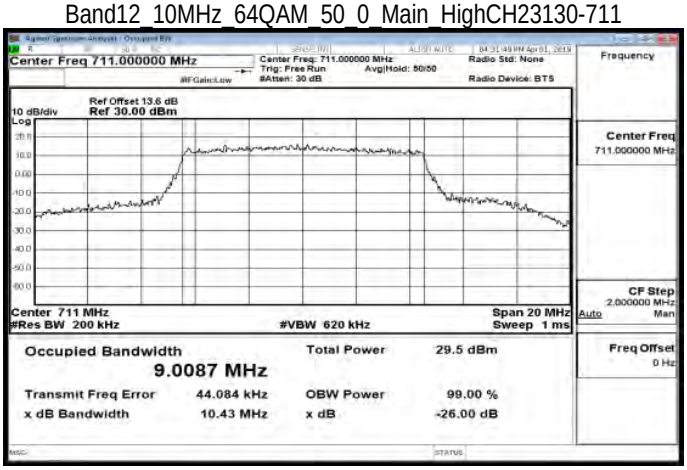
Band12_10MHz_64QAM_50_0_Main_MidCH23095-707.5



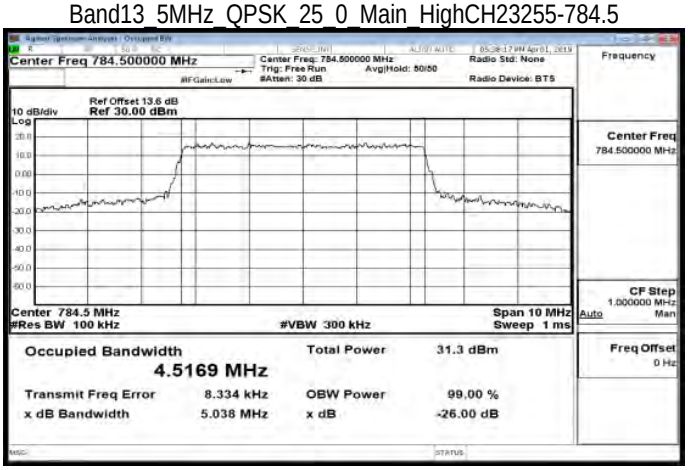
Band13_5MHz_QPSK_25_0_Main_MidCH23230-782



Band12_10MHz_64QAM_50_0_Main_HighCH23130-711

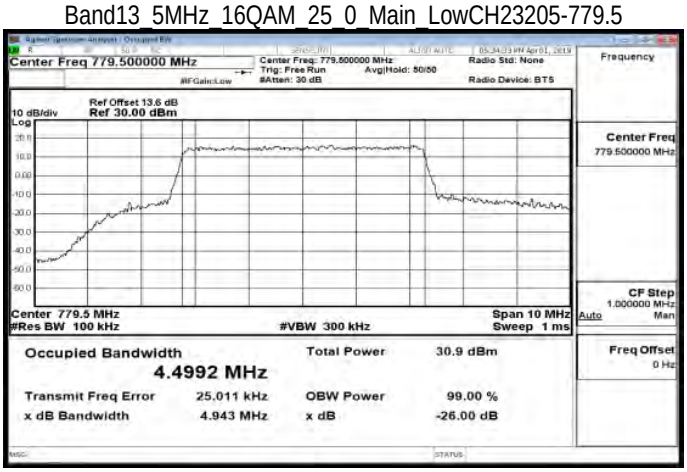


Band13_5MHz_QPSK_25_0_Main_HighCH23255-784.5

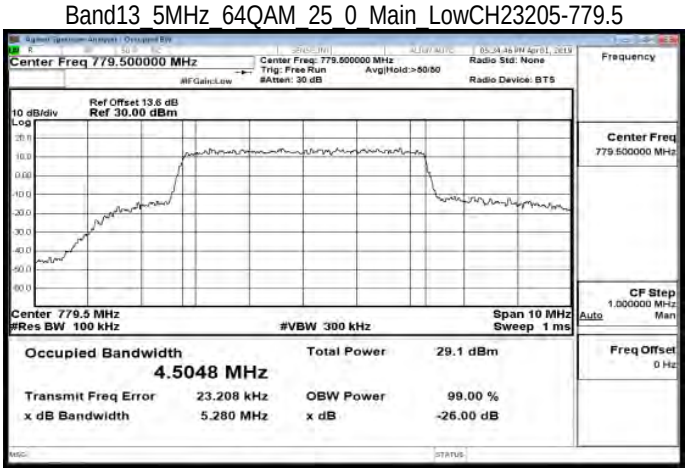


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

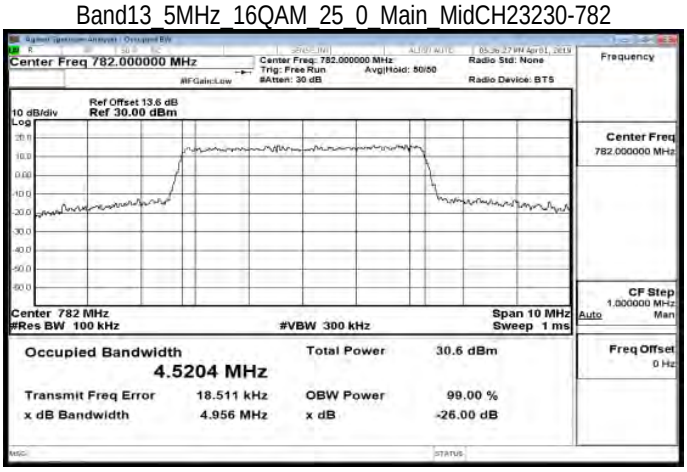
Band13_5MHz_16QAM_25_0_Main_LowCH23205-779.5



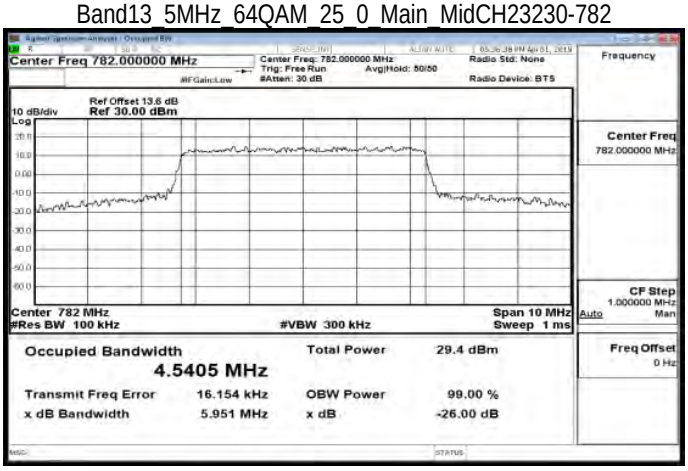
Band13_5MHz_64QAM_25_0_Main_LowCH23205-779.5



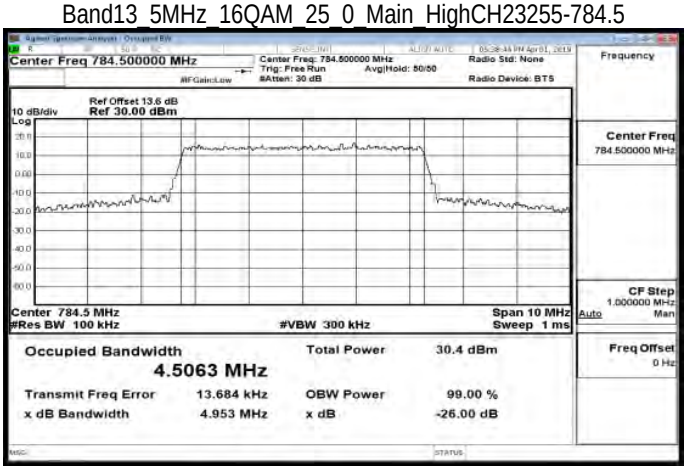
Band13_5MHz_16QAM_25_0_Main_MidCH23230-782



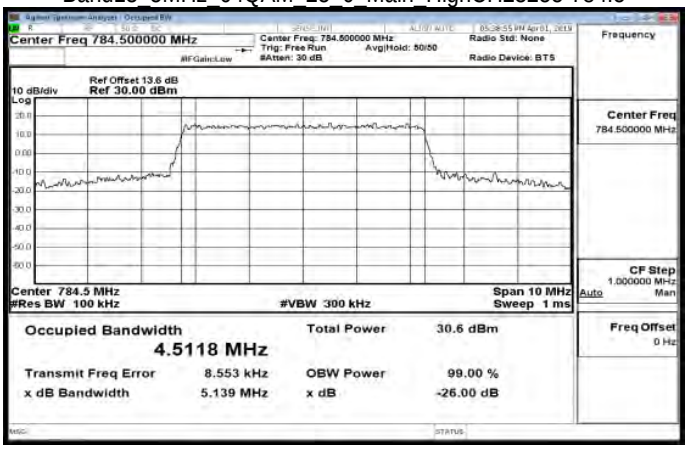
Band13_5MHz_64QAM_25_0_Main_MidCH23230-782



Band13_5MHz_16QAM_25_0_Main_HighCH23255-784.5

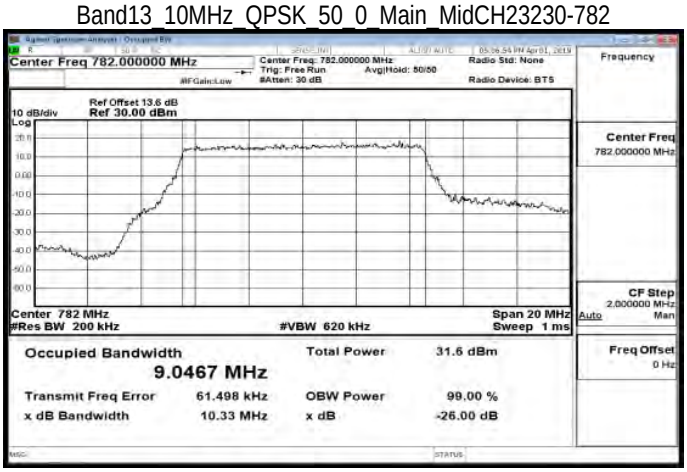


Band13_5MHz_64QAM_25_0_Main_HighCH23255-784.5

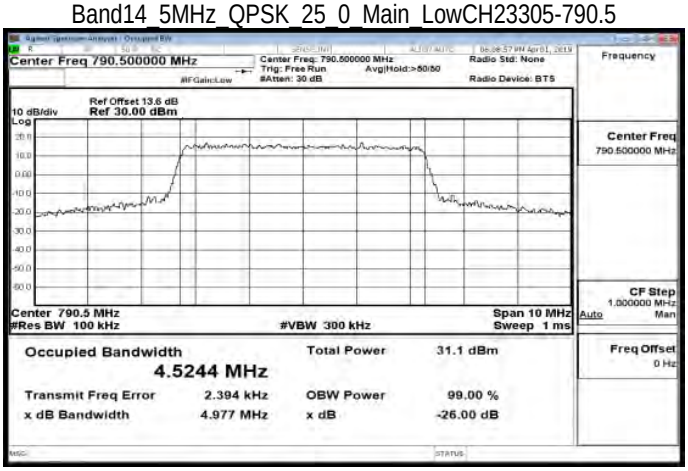


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

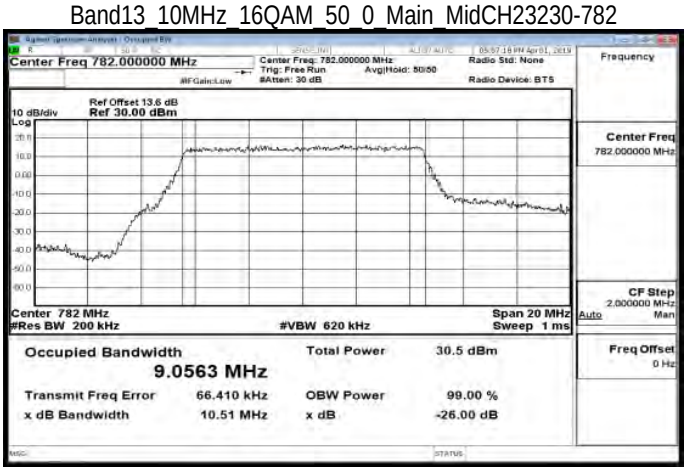
Band13_10MHz_QPSK_50_0_Main_MidCH23230-782



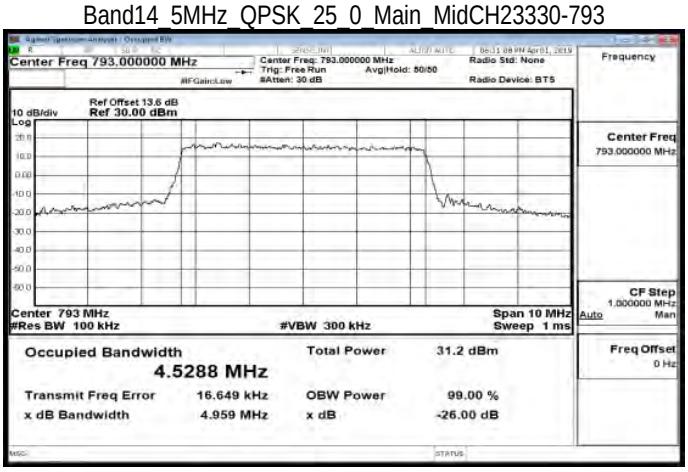
Band14_5MHz_QPSK_25_0_Main_LowCH23305-790.5



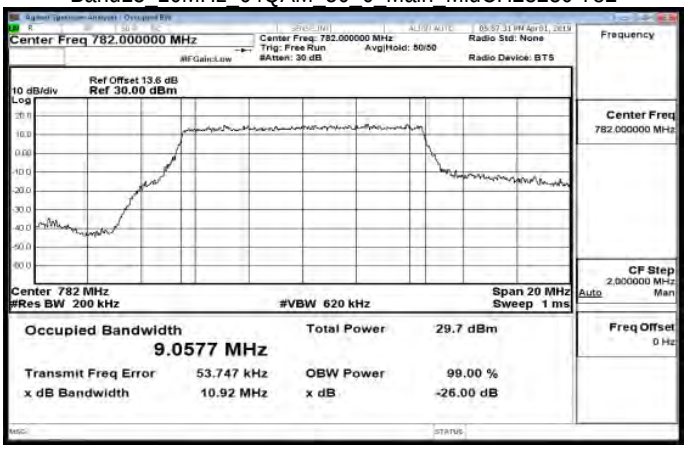
Band13_10MHz_16QAM_50_0_Main_MidCH23230-782



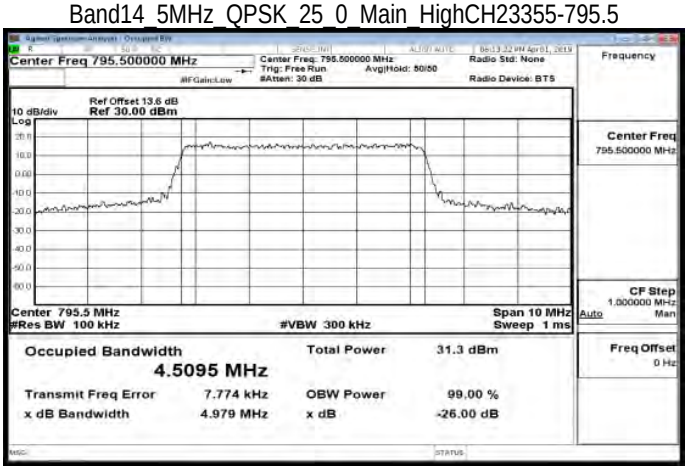
Band14_5MHz_QPSK_25_0_Main_MidCH23330-793



Band13_10MHz_64QAM_50_0_Main_MidCH23230-782

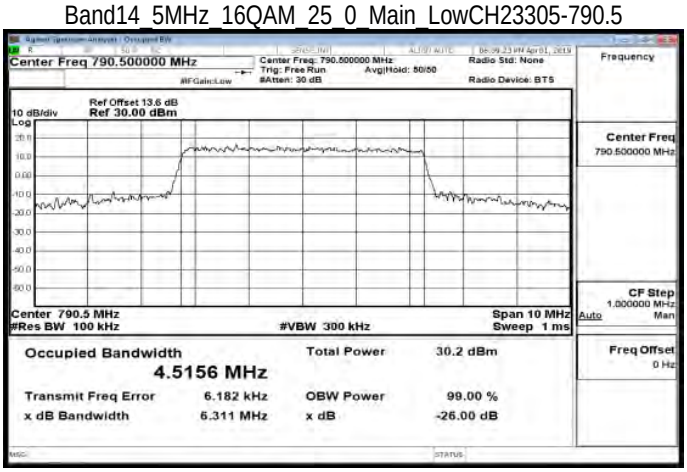


Band14_5MHz_QPSK_25_0_Main_HighCH23355-795.5

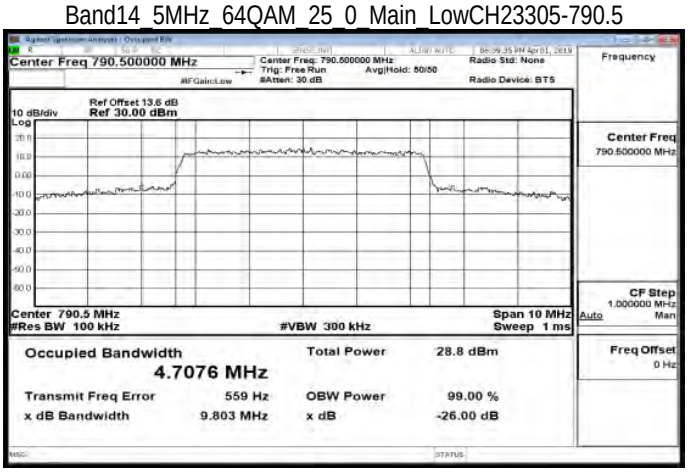


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

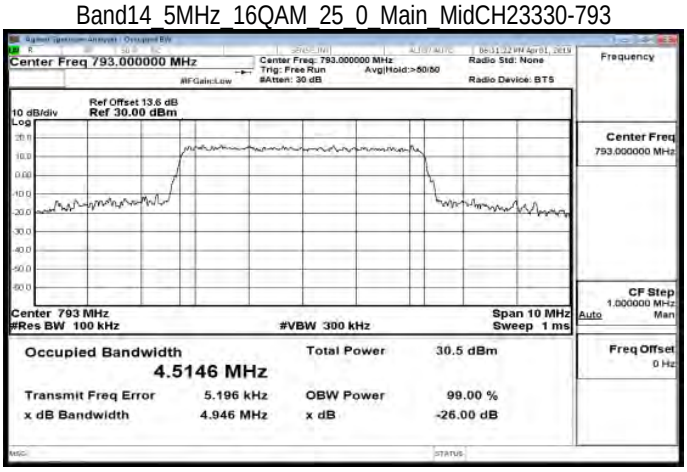
Band14_5MHz_16QAM_25_0_Main_LowCH23305-790.5



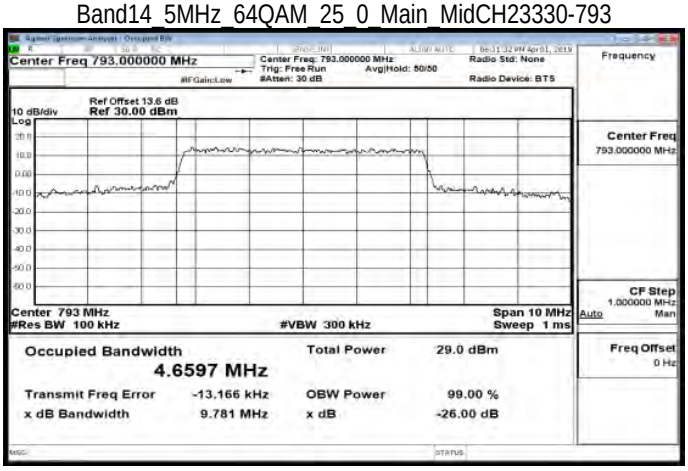
Band14_5MHz_64QAM_25_0_Main_LowCH23305-790.5



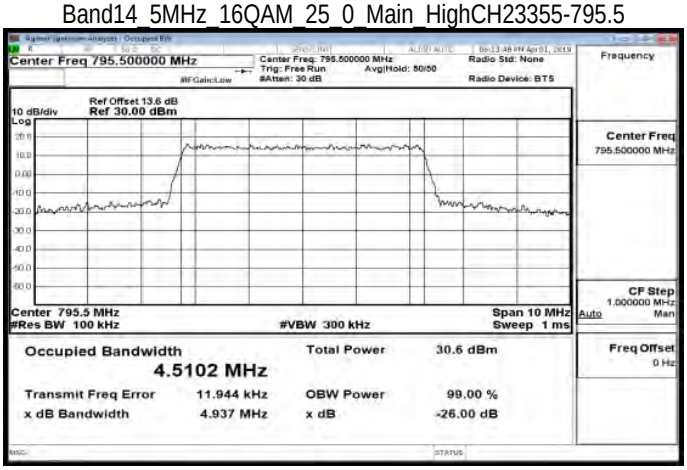
Band14_5MHz_16QAM_25_0_Main_MidCH23330-793



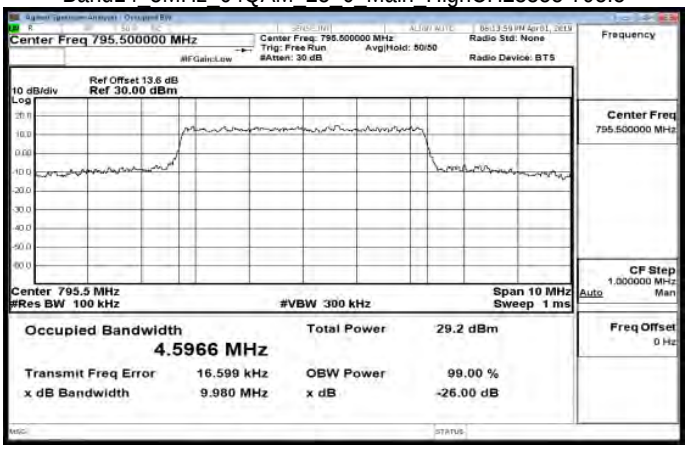
Band14_5MHz_64QAM_25_0_Main_MidCH23330-793



Band14_5MHz_16QAM_25_0_Main_HighCH23355-795.5

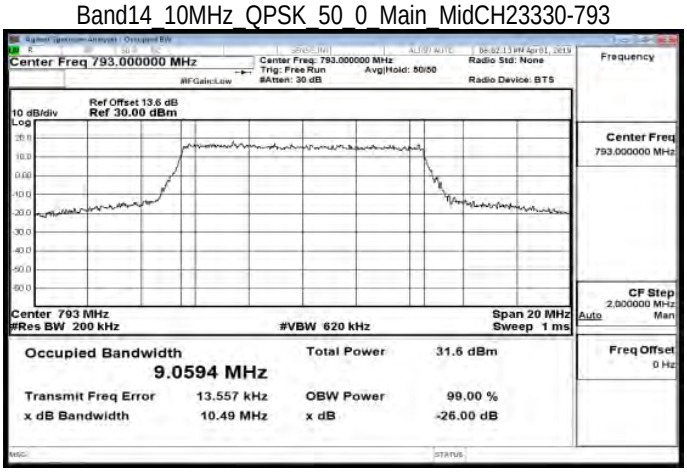


Band14_5MHz_64QAM_25_0_Main_HighCH23355-795.5

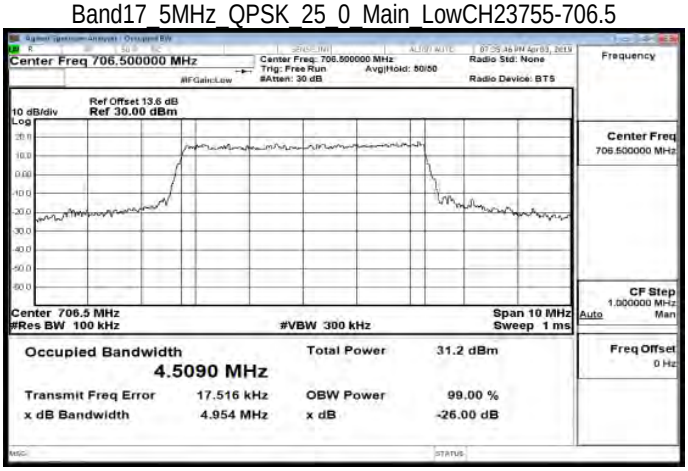


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

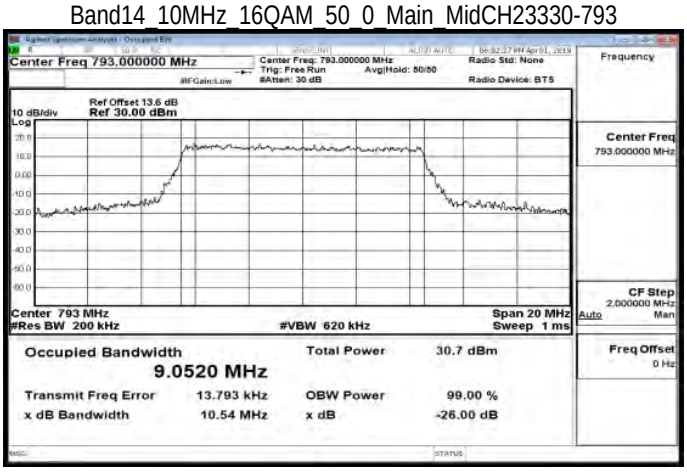
Band14_10MHz_QPSK_50_0_Main_MidCH23330-793



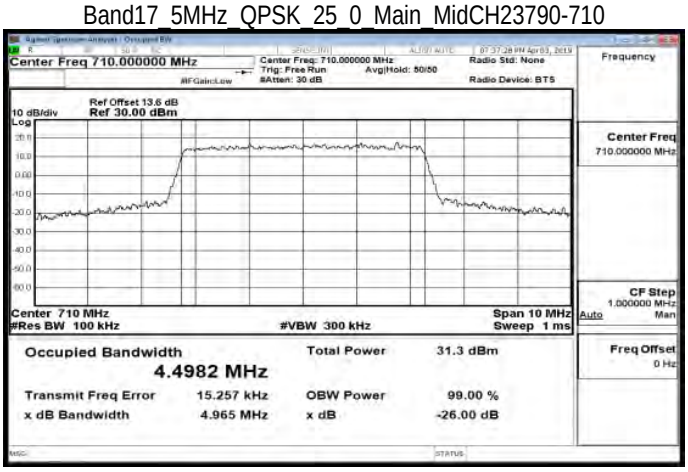
Band17_5MHz_QPSK_25_0_Main_LowCH23755-706.5



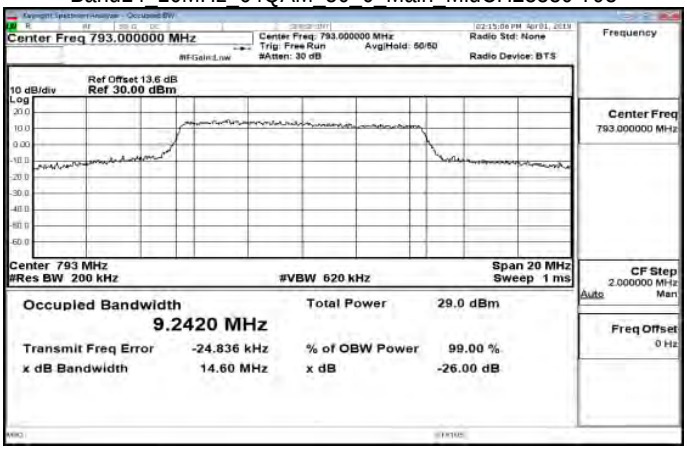
Band14_10MHz_16QAM_50_0_Main_MidCH23330-793



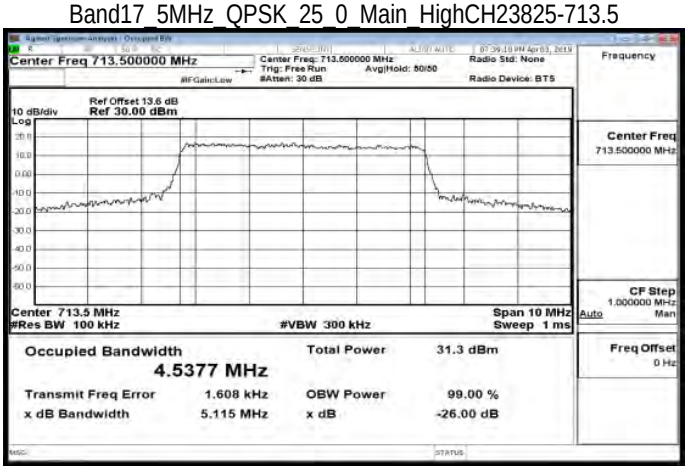
Band17_5MHz_QPSK_25_0_Main_MidCH23790-710



Band14_10MHz_64QAM_50_0_Main_MidCH23330-793

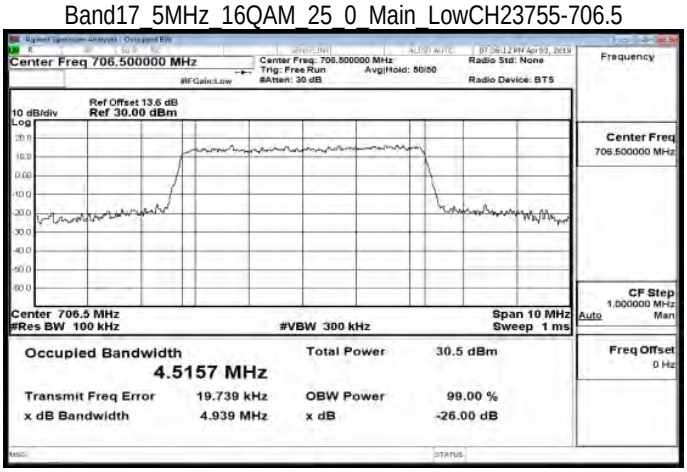


Band17_5MHz_QPSK_25_0_Main_HighCH23825-713.5

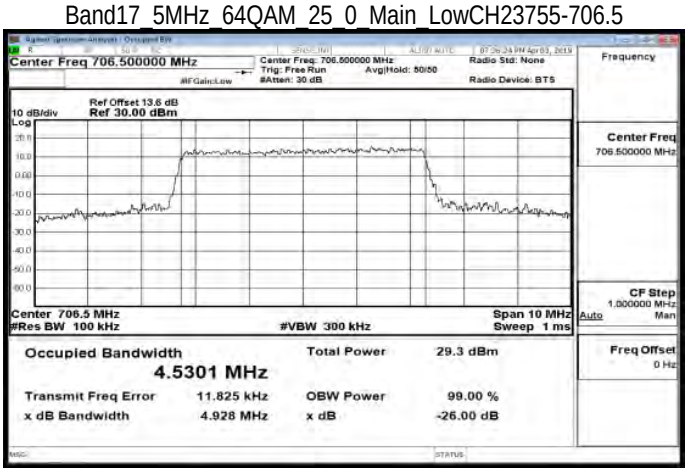


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

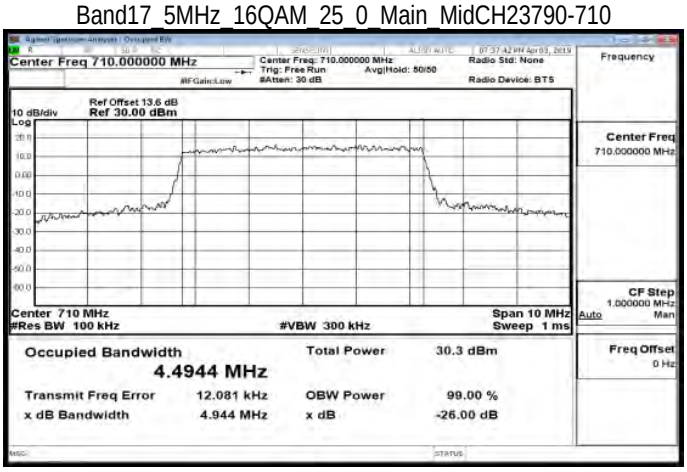
Band17_5MHz_16QAM_25_0_Main_LowCH23755-706.5



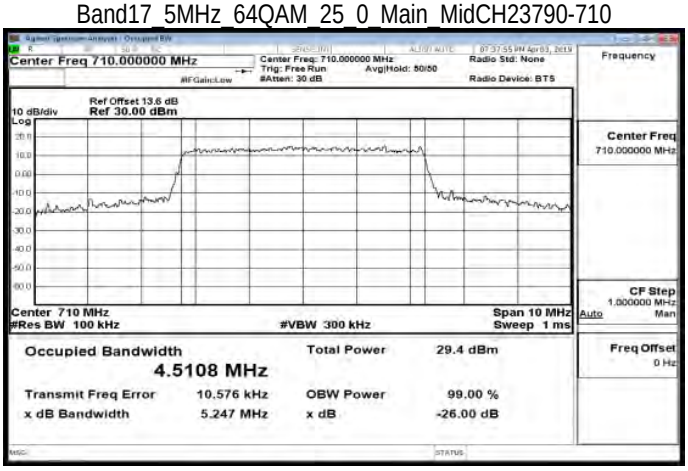
Band17_5MHz_64QAM_25_0_Main_LowCH23755-706.5



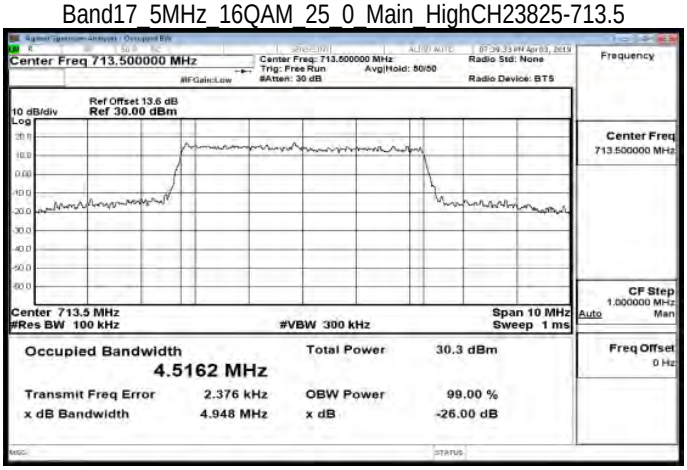
Band17_5MHz_16QAM_25_0_Main_MidCH23790-710



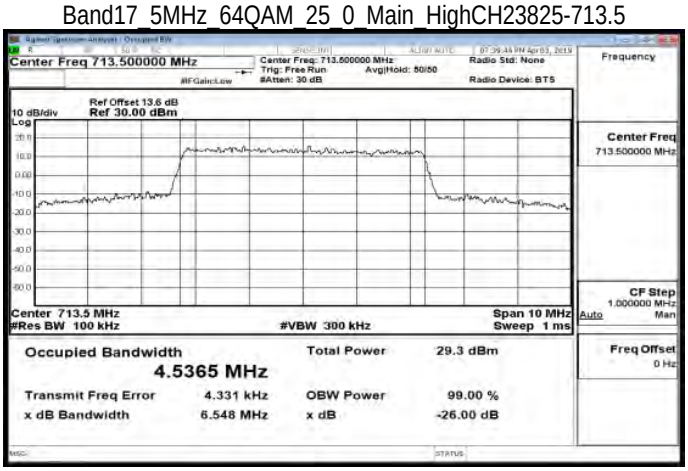
Band17_5MHz_64QAM_25_0_Main_MidCH23790-710



Band17_5MHz_16QAM_25_0_Main_HighCH23825-713.5



Band17_5MHz_64QAM_25_0_Main_HighCH23825-713.5



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.