

ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT

INTENTIONAL RADIATOR CERTIFICATION TO

FCC PART 22 SUBPART H, PART 24 SUBPART E and PART 27 SUBPART C & SUBPART L and PART 90 S REQUIREMENT CLASS II PC REPORT

OF

Product Name:	Vehicle Mount Computer
Brand Name:	Honeywell
Marketing Name:	Thor VM3
Model No.:	VM3WWANUS
Model Difference:	N/A
FCC ID:	HD5-VM3WWANA
Report No.:	ER/2015/20030-01
Issue Date:	Sep. 01, 2015
FCC Rule Part:	2 , 22H & 24E & 27C & L & 90S
Prepared for:	Honeywell International Inc., Honeywell Scanning and Mobility 9680 Old Baires Road, Fort Mill, SC 29707, USA
Prepared by:	SGS Taiwan Ltd. Electronics & Communication Laboratory No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803

Note: This report shall not be reproduced except in full, without the written approval of SGS Taiwan Ltd. This document may be altered or revised by SGS Taiwan Ltd. personnel only, and shall be noted in the revision section of the document.

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

VERIFICATION OF COMPLIANCE

Applicant: Honeywell International Inc.,
Honeywell Scanning and Mobility
9680 Old Bailes Road, Fort Mill, SC 29707, USA

Product Name: Vehicle Mount Computer

Brand Name: Honeywell

Marketing Name: Thor VM3

Model No.: VM3WWANUS

Model Difference: N/A

FCC ID: HD5-VM3WWANA

File Number: ER/2015/20030-01

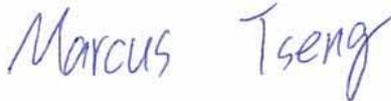
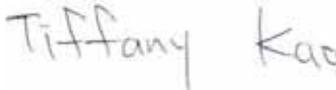
Date of test: Feb. 04, 2015 ~ Aug. 31, 2015

Date of EUT Received: Feb. 04, 2015

We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. Electronics & Communication Laboratory. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in TIA/EIA-603-C-2004 and the energy emitted by the sample EUT tested as described in this report is in compliance with conducted and radiated emission limits.

The test results of this report relate only to the tested sample identified in this report.

Test By:		Date:	Sep. 01, 2015
	_____ <i>Marcus Tseng / Engineer</i>		_____
Prepared By:		Date:	Sep. 01, 2015
	_____ <i>Tiffany Kao / Clerk</i>		_____
Approved By:		Date:	Sep. 01, 2015
	_____ <i>Jim Chang / Supervisor</i>		_____

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Revision History

Report Number	Revision	Description	Issue Date
ER/2015/20030-01	Rev.00	Initial creation of document	Sep. 01, 2015

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Table of Contents

1. GENERAL PRODUCT INFORMATION 6

1.1. Product Description..... 6

1.2. Product Feature of Equipment Under Test 11

1.3. Test Methodology of Applied Standards 12

1.4. Test Facility 12

1.5. Special Accessories 12

1.6. Equipment Modifications 12

2. SYSTEM TEST CONFIGURATION 13

2.1. EUT Configuration..... 13

2.2. EUT Exercise 13

2.3. Test Procedure 13

2.4. Measurement Results Explanation Example 14

2.5. Final Amplifier Voltage and Current Information: 15

2.6. Configuration of Tested System 16

3. SUMMARY OF TEST RESULTS 17

4. DESCRIPTION OF TEST MODES 18

4.1. The Worst Test Modes and Channel Details 18

5. MEASUREMENT UNCERTAINTY 22

6. RF CONDUCTED OUTPUT POWER MEASUREMENT 23

6.1. Standard Applicable 23

6.2. Test Set-up..... 23

6.3. Measurement Procedure 23

6.4. Measurement Equipment Used 24

6.5. Measurement Result 25

7. EFFECTIVE RADIATED POWER AND EQUIVALENT ISOTROPIC RADIATED POWER MEASUREMENT 41

7.1. Standard Applicable 41

7.2. Test SET-UP 41

7.3. Measurement Procedure 43

7.4. Measurement Equipment Used 45

7.5. Measurement Result: (Peak) –using option of peak measurement 46

8. FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT 114

8.1. Standard Applicable 114

8.2. EUT Setup 114

8.3. Measurement Procedure: 116

8.4. Measurement Equipment Used: 117

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

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

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

8.5. Measurement Result (Below 1GHz): 118

8.6. Measurement Result (Above 1GHz): 286

9. MAXIMUM PERMISSIBLE EXPOSURE (MPE) 446

9.1. Related Submittal(s) / Grant (s) 446

9.2. Special Accessories 446

9.3. Equipment Modifications 446

9.4. Limitation 446

9.5. Maximum Permissible Exposure (MPE) Evaluation 448

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

1. GENERAL PRODUCT INFORMATION

1.1. Product Description

General:

Product Name:	Vehicle Mount Computer	
Brand Name:	Honeywell	
Marketing Name:	Thor VM3	
Model No.:	VM3WWANUS	
Model Difference:	N/A	
Product SW/HW version:	(a)Win7: 99.01.00.0002 (b)Win8: 99.01.00.0004 / ALXH48	
Radio SW/HW version:	SWI9x15C_05.05.16.02 / 1.0,1.1	
Test SW Version:	N/A	
RF power setting in TEST SW:	N/A	
Scope:	The test report covers the radiated emissions requirements of the standards referenced in the report to allow system level approval.	
Class II Permissive change:	Add two External WWAN Antennas: Diople Antenna: 1. Part No.: GSA.8841.A.105111 2. Part No.: TG.30.8111 Apex	
Power Supply:	7.3Vdc from Rechargeable Li-ion Battery or 15V from AC/DC Adapter	
	Battery:	Model No.: L3-52301624-R / OVT270L1R00 / 50121692-001, Supplier: TOTEX
	Adapter :	Model No.: GT-81081-6015-T3, Supplier: GlobTek, Inc.
IMEI:	359225050297850	

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

GPRS / WCDMA/ CDMA:

Cellular Phone Standards Frequency Range and Power	Operating Frequency		Rated Power
	GPRS 850	824.2 MHz– 848.8 MHz	33dBm
	EDGE 850	824.2 MHz– 848.8 MHz	27dBm
	GPRS 1900	1850.2MHz – 1909.8MHz	30dBm
	EDGE 1900	1850.2MHz – 1909.8MHz	26dBm
	WCDMA/HSUPA/HSDPA /HSPA+ Band II	1852.4MHz – 1907.6MHz	24dBm
	WCDMA/HSUPA/HSDPA /HSPA+ Band IV	1712.4MHz - 1752.6MHz	24 dBm
	WCDMA/HSUPA/HSDPA /HSPA+ Band V	826.4MHz - 846.6MHz	24dBm
	CDMA/EVDO BC0	824.7 MHz– 848.31MHz	24 dBm
	CDMA/EVDO BC1	1851.25MHz-1908.75MHz	24 dBm
	CDMA/EVDO BC10	817.9 MHz – 823.1 MHz	24 dBm

LTE:

Cellular Phone Standards Frequency Range and Power	Operating Frequency		Rated Power
	LTE-Band 2 (Bandwidth 1.4MHz)	1850.7MHz– 1909.3MHz	23dBm
	LTE-Band 2 (Bandwidth 3MHz)	1851.5MHz – 1908.5MHz	23dBm
	LTE-Band 2 (Bandwidth 5MHz)	1852.5MHz – 1907.5MHz	23dBm
	LTE-Band 2 (Bandwidth 10MHz)	1855.0MHz – 1905.0MHz	23dBm
	LTE-Band 2 (Bandwidth 15MHz)	1857.5MHz – 1902.5MHz	23dBm
	LTE-Band 2 (Bandwidth 20MHz)	1860.0MHz – 1900.0MHz	23dBm
	LTE-Band 4 (Bandwidth 1.4MHz)	1710.7MHz– 1754.3MHz	23dBm
	LTE-Band 4 (Bandwidth 3MHz)	1711.5MHz – 1753.5MHz	23dBm
	LTE-Band 4 (Bandwidth 5MHz)	1712.5MHz – 1752.5MHz	23dBm
	LTE-Band 4 (Bandwidth 10MHz)	1715.0MHz – 1750.0MHz	23dBm
	LTE-Band 4 (Bandwidth 15MHz)	1717.5MHz – 1747.5MHz	23dBm
	LTE-Band 4 (Bandwidth 20MHz)	1720.0MHz – 1745.0MHz	23dBm

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

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

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

Cellular Phone Standards Frequency Range and Power	Operating Frequency		Rated Power
	LTE-Band 5 (Bandwidth 1.4MHz)	824.7MHz – 848.3MHz	23dBm
	LTE-Band 5 (Bandwidth 3MHz)	825.5MHz – 848.3MHz	23dBm
	LTE-Band 5 (Bandwidth 5MHz)	826.5MHz – 846.5MHz	23dBm
	LTE-Band 5 (Bandwidth 10MHz)	829.0MHz – 844.0MHz	23dBm
	LTE-Band 13 (Bandwidth 5MHz)	779.5MHz – 784.5MHz	23 dBm
	LTE-Band 13 (Bandwidth 10MHz)	782.0MHz – 782.0MHz	23 dBm
	LTE-Band 17 (Bandwidth 5MHz)	706.5MHz – 713.5MHz	23dBm
	LTE-Band 17 (Bandwidth 10MHz)	709.0MHz – 711.0MHz	23dBm
	LTE-Band 25 (Bandwidth 1.4MHz)	1850.7MHz – 1914.3MHz	23dBm
	LTE-Band 25 (Bandwidth 3MHz)	1851.5MHz – 1913.5MHz	23dBm
	LTE-Band 25 (Bandwidth 5MHz)	1852.5MHz – 1912.5MHz	23dBm
	LTE-Band 25 (Bandwidth 10MHz)	1855.0MHz – 1910.0MHz	23dBm
	LTE-Band 25 (Bandwidth 15MHz)	1857.5MHz – 1907.5MHz	23dBm
	LTE-Band 25 (Bandwidth 20MHz)	1860.0MHz – 1905.0MHz	23dBm

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

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

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

SGS Taiwan Ltd.

No. 134, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Max ERP/EIRP measurement result:

	dBm		W
GPRS 850 Band	25.95	ERP	0.394
EDGE 850 Band	23.61	ERP	0.230
GPRS 1900 Band	27.28	EIRP	0.535
EDGE 1900 Band	26.80	EIRP	0.479
WCDMA Band II	26.12	EIRP	0.409
HSDPA Band II	27.32	EIRP	0.540
HSUPA Band II	27.01	EIRP	0.502
WCDMA Band IV	26.29	EIRP	0.426
HSDPA Band IV	28.99	EIRP	0.793
HSUPA Band IV	27.93	EIRP	0.621
WCDMA Band V	20.49	ERP	0.112
HSDPA Band V	21.87	ERP	0.154
HSUPA Band V	21.19	ERP	0.132
CDMA 2000 BC0	21.54	ERP	0.143
EVDO 2000 BC0	20.92	ERP	0.124
CDMA 2000 BC1	21.27	EIRP	0.134
EVDO 2000 BC1	18.46	EIRP	0.070
CDMA 2000 BC10	21.37	ERP	0.137
EVDO 2000 BC10	20.97	ERP	0.125
LTE Band 2/1.4MMz /QPSK RB 1 Offset 0	29.29	EIRP	0.849
LTE Band 2/1.4MMz /16QAM RB 1 Offset 0	29.38	EIRP	0.867
LTE Band 2/3MMz /QPSK RB 1 Offset 14	28.94	EIRP	0.783
LTE Band 2/3MMz /16QAM RB 1 Offset 14	29.11	EIRP	0.815
LTE Band 2/5MMz /QPSK RB 1 Offset 0	29.29	EIRP	0.849
LTE Band 2/5MMz /16QAM RB 1 Offset 0	29.04	EIRP	0.802
LTE Band 2/10MMz /QPSK RB 1 Offset 49	28.54	EIRP	0.714
LTE Band 2/10MMz /16QAM RB 1 Offset 0	29.26	EIRP	0.843
LTE Band 2/15MMz /QPSK RB 1 Offset 0	29.24	EIRP	0.839
LTE Band 2/15MMz /16QAM RB 1 Offset 74	29.14	EIRP	0.820
LTE Band 2/20MMz /QPSK RB 1 Offset 0	28.97	EIRP	0.789
LTE Band 2/20MMz /16QAM RB 1 Offset 0	28.76	EIRP	0.752

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

LTE Band 4/1.4MMz /QPSK RB 1 Offset 0	29.08	EIRP	0.809
LTE Band 4/1.4MMz /16QAM RB 1 Offset 0	29.13	EIRP	0.818
LTE Band 4/3MMz /QPSK RB 1 Offset 14	29.22	EIRP	0.836
LTE Band 4/3MMz /16QAM RB 1 Offset 0	29.47	EIRP	0.885
LTE Band 4/5MMz /QPSK RB 1 Offset 0	29.10	EIRP	0.813
LTE Band 4/5MMz /16QAM RB 1 Offset 0	28.81	EIRP	0.760
LTE Band 4/10MMz /QPSK RB 1 Offset 49	28.87	EIRP	0.771
LTE Band 4/10MMz /16QAM RB 1 Offset 49	29.38	EIRP	0.867
LTE Band 4/15MMz /QPSK RB 1 Offset 74	29.06	EIRP	0.805
LTE Band 4/15MMz /16QAM RB 1 Offset 74	29.49	EIRP	0.889
LTE Band 4/20MMz /QPSK RB 1 Offset 99	29.06	EIRP	0.805
LTE Band 4/20MMz /16QAM RB 1 Offset 0	29.31	EIRP	0.853
LTE Band 5/1.4MMz /QPSK RB 1 Offset 0	21.81	ERP	0.152
LTE Band 5/1.4MMz /16QAM RB 1 Offset 0	22.37	ERP	0.173
LTE Band 5/3MMz /QPSK RB 1 Offset 0	22.23	ERP	0.167
LTE Band 5/3MMz /16QAM RB 1 Offset 14	22.12	ERP	0.163
LTE Band 5/5MMz /QPSK RB 1 Offset 24	22.32	ERP	0.171
LTE Band 5/5MMz /16QAM RB 1 Offset 0	22.14	ERP	0.164
LTE Band 5/10MMz /QPSK RB 1 Offset 0	22.34	ERP	0.171
LTE Band 5/10MMz /16QAM RB 1 Offset 0	22.15	ERP	0.164
LTE Band 13/5MMz /QPSK RB 1 Offset 0	23.18	ERP	0.208
LTE Band 13/5MMz /16QAM RB 1 Offset 0	23.64	ERP	0.231
LTE Band 13/10MMz /QPSK RB 1 Offset 0	23.24	ERP	0.211
LTE Band 13/10MMz /16QAM RB 1 Offset 0	23.71	ERP	0.235
LTE Band 17/5MMz /QPSK RB 1 Offset 24	20.95	ERP	0.124
LTE Band 17/5MMz /16QAM RB 1 Offset 0	22.29	ERP	0.169
LTE Band 17/10MMz /QPSK RB 1 Offset 0	20.95	ERP	0.124
LTE Band 17/10MMz /16QAM RB 1 Offset 0	22.20	ERP	0.166
LTE Band 25/1.4MMz /QPSK RB 1 Offset 5	29.33	EIRP	0.857
LTE Band 25/1.4MMz /16QAM RB 1 Offset 5	30.24	EIRP	1.057
LTE Band 25/3MMz /QPSK RB 1 Offset 0	29.17	EIRP	0.826
LTE Band 25/3MMz /16QAM RB 1 Offset 0	29.92	EIRP	0.982
LTE Band 25/5MMz /QPSK RB 1 Offset 0	29.35	EIRP	0.861
LTE Band 25/5MMz /16QAM RB 1 Offset 0	30.00	EIRP	1.000
LTE Band 25/10MMz /QPSK RB 1 Offset 0	29.30	EIRP	0.851
LTE Band 25/10MMz /16QAM RB 1 Offset 0	29.78	EIRP	0.951
LTE Band 25/15MMz /QPSK RB 1 Offset 74	25.97	EIRP	0.395
LTE Band 25/15MMz /16QAM RB 1 Offset 0	28.05	EIRP	0.638
LTE Band 25/20MMz /QPSK RB 1 Offset 0	29.13	EIRP	0.818
LTE Band 25/20MMz /16QAM RB 1 Offset 0	29.64	EIRP	0.920

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

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

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

SGS Taiwan Ltd.

No. 134, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

1.2. Product Feature of Equipment Under Test

The equipment under Test (Hereafter Called: EUT) is Vehicle Mount Computer supporting, GSM / WCDMA / CDMA / LTE,

Wi-Fi 802.11abgn, Bluetooth with GPS features, and below is details of information.

Product Feature	
Product Name:	Vehicle Mount Computer
Brand Name:	Honeywell
Marketing Name:	Thor VM3
Model No.:	VM3WWANUS
Model Difference:	N/A
FCC ID	HD5-VM3WWANA
GSM Operating Band(s)	GSM 850/1900MHz
GPRS / EGPRS Multi Slot Class	GPRS Class 10 / Class 12
CDMA / EVDO	BC0 / BC1 / BC10
WCDMA Operating Band(s)	FDD Band II / IV / V
WCDMA Rel. Version	Rel.8
LTE Operating Band(s)	FCC Band 2 / 4 / 5 / 13 / 17 / 25
LTE Rel. Version	Rel.9
Wi-Fi Specification	802.11a/b/g/n
Bluetooth Version	V4.1 dual mode + HS

Note: The above EUT information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

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

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

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

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

ANSI / TIA / EIA 603C-C-2004

KDB971168 D01 Power Meas license Digital System v02r01

KDB941225 of the Output power Procedure of (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:

1. All test items have been performed and record as per the above standards.
2. The composite system is compliance with FCC Subpart B is authorized under the certification procedure.

1.4. Test Facility

SGS Taiwan Ltd. Electronics & Communication Laboratory No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan. (TAF code 0513)

FCC Registration Numbers are: 990257

Canada Registration Number: 4620A-4..

1.5. Special Accessories

No special accessories were used during testing.

1.6. 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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

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 TIA/EIA 603C, 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 TIA/EIA 603C, The EUT is a placed on as turn table which is 0.8 m above ground plane. 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.

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

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

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

SGS Taiwan Ltd.

台灣檢驗科技股份有限公司

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

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.

Note:

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

Following shows an offset computation example with cable loss and attenuator.

Low Band: Offset = RF cable loss (dB)+ attenuation factor(dB) =14.8(dB)

High Band: Offset = RF cable loss (dB)+ attenuation factor(dB) =15.2(dB)

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

2.5. Final Amplifier Voltage and Current Information:

Test Mode	DC voltage (V)	DC current (mA)
GSM 850	15V	283
GSM 1900	15V	212
EDGE 850	15V	229
EDGE 1900	15V	253
WCDMA B2	15V	549
WCDMA B4	15V	481
WCDMA B5	15V	451
CDMA BC0	15V	797
CDMA BC1	15V	560
CDMA BC10	15V	394
LTE Band 2	15V	875
LTE Band 4	15V	836
LTE Band 5	15V	845
LTE Band 13	15V	839
LTE Band 17	15V	825
LTE Band 25	15V	841

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

2.6. Configuration of Tested System

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

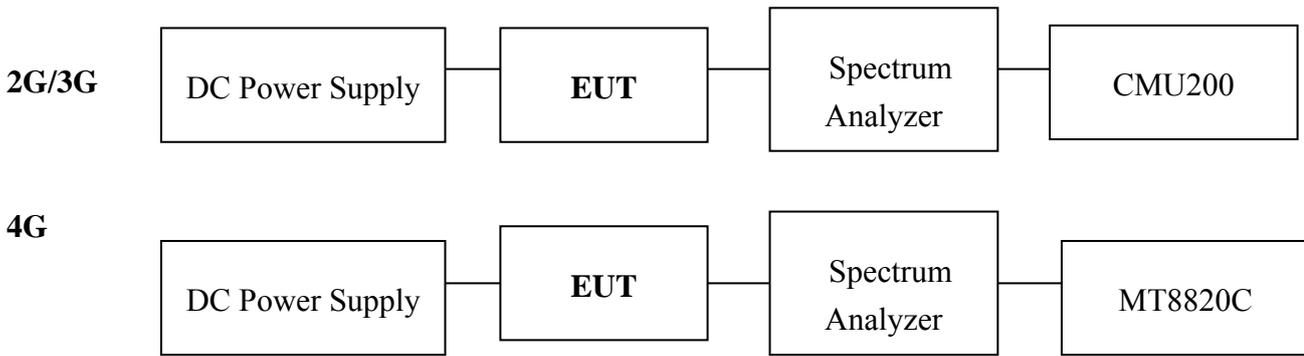


Fig. 2-2 Configuration of Tested System (Fixed Channel-Radiated)

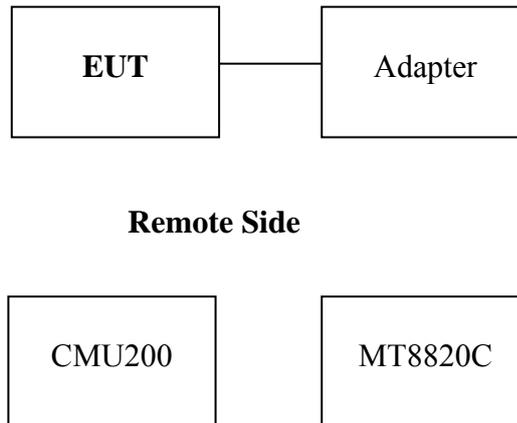


Table 2-1 Equipment Used in

Item	Equipment	Mfr/Brand	Model/ Type No.	Series No.	Data Cable	Power Cord
1.	Universal Radio Communication Tester	R&S	CMU200	102189	shielded	Un-shielded
2.	Universal Radio Communication Tester	Anritsu	MT8820C	6200307563	shielded	Un-shielded
3.	DC Power Supply	HP	E3640A	MY40005907	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)(2) §24.232(c) §27.50(h)(2) §90.635	ERP/ EIRP measurement	Compliant
§2.1053 §22.917(a) §24.238(a) §27.50(c)(5) §27.53(g) §27.53(h) §27.53(f) §27.53(m)(4) §90.691(a)(1)(2)	Field Strength of Spurious Radiation	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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

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, XYZ 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	ERP/EIRP	RADIATED EMISSION
GPRS/EDGE 850	H-plan	H-plan
GPRS/EDGE 1900	H-plan	H-plan
WCDMA/HSPA Band II	H-plan	H-plan
WCDMA/HSPA Band IV	H-plan	H-plan
WCDMA/HSPA Band V	H-plan	H-plan
CDMA / EVDO BC 0	H-plan	H-plan
CDMA / EVDO BC 1	H-plan	H-plan
CDMA / EVDO BC 10	H-plan	H-plan
LTE Band 2 / 4 / 5/ 13 /17 /25	H-plan	H-plan

GSM/GPRS/EDGE MODE

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	MODE
ERP	128 to 251	128, 190, 251	GPRS/EDGE 850
EIRP	512 to 810	512, 661, 810	GPRS/EDGE 1900
RADIATED EMISSION	128 to 251 512 to 810	128, 251 512, 810	GPRS 850 GPRS 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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

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	9262, 9400, 9583 1312, 1413, 1513	WCDMA/HSPA Band II WCDMA/HSPA Band IV
RADIATED EMISSION	4132 to 4233 1312 to 1513 9262 to 9538	4132, 4183, 4233 1312, 1413, 1513 9262, 9400, 9583	HSDPA Band II HSDPA Band IV HSDPA Band V

CDMA/EVDO MODE

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	MODE
ERP	1013 to 777 476 to 684	1013, 384, 777 476, 580, 684	CDMA/EVDO BC0 CDMA/EVDO BC10
EIRP	25 to 1175	25, 600, 1175	CDMA/EVDO BC1
RADIATED EMISSION	1013 to 777 25 to 1175 476 to 684	1013, 384, 777 25, 600, 1175 476, 580, 684	CDMA BC0 CDMA BC1 CDMA BC10

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	1 RB/ 0,5 RB Offset
	18615 to 19185	18615, 18900, 19185	3MHz	QPSK, 16QAM	1 RB/ 0,14 RB Offset
	18625 to 19175	18625, 18900, 19175	5MHz	QPSK, 16QAM	1 RB/ 0,24 RB Offset
	18650 to 19150	18650, 18900, 19150	10MHz	QPSK, 16QAM	1 RB/ 0,49 RB Offset
	18675 to 19125	18675, 18900, 19125	15MHz	QPSK, 16QAM	1 RB/ 0,74 RB Offset
	18700 to 19100	18700, 18900, 19100	20MHz	QPSK, 16QAM	1 RB/ 0,99 RB Offset
RADIATED EMISSION Antenna Model NO.: GSA.8841.A.305111	18607 to 19193	18607, 18900, 19193	1.4MHz	QPSK,	1 RB/ 0 RB Offset
RADIATED EMISSION Antenna Model NO.: TG.30.8111 Apex	18607 to 19193	18607, 18900, 19193	1.4MHz	QPSK	1 RB/ 5 RB 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 4 MODE

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
EIRP	19957 to 19393	19957, 20175, 19393	1.4MHz	QPSK, 16QAM	1 RB/ 0,5 RB Offset
	19965 to 22385	19965, 20175, 22385	3MHz	QPSK, 16QAM	1 RB/ 0,14 RB Offset
	19975 to 20375	19975, 20175, 20375	5MHz	QPSK, 16QAM	1 RB/ 0,24 RB Offset
	20000 to 20350	20000, 20175, 20350	10MHz	QPSK, 16QAM	1 RB/ 0,49 RB Offset
	20025 to 20325	20025, 20175, 20325	15MHz	QPSK, 16QAM	1 RB/ 0,74 RB Offset
	20050 to 20300	20050, 20175, 20300	20MHz	QPSK, 16QAM	1 RB/ 0,99 RB Offset
RADIATED EMISSION Antenna Model NO.: GSA.8841.A.305111	20025 to 20325	20025, 20175, 20325	15MHz	16QAM,	1 RB/ 74 RB Offset
RADIATED EMISSION Antenna Model NO.: TG.30.8111 Apex	19975 to 20375	19975, 20175, 20375	5MHz	16QAM	1 RB/ 0 RB Offset

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	1 RB/ 0,5 RB Offset
	20415 to 20635	20415, 20525, 20635	3MHz	QPSK, 16QAM	1 RB/ 0,14 RB Offset
	20425 to 20625	20425, 20525, 20625	5MHz	QPSK, 16QAM	1 RB/ 0,24 RB Offset
	20450 to 20600	20450, 20525, 20600	10MHz	QPSK, 16QAM	1 RB/ 0,49 RB Offset
RADIATED EMISSION Antenna Model NO.: GSA.8841.A.305111	20470 to 20643	20470, 20525, 20643	1.4MHz	16QAM,	1 RB/ 0 RB Offset
RADIATED EMISSION Antenna Model NO.: TG.30.8111 Apex	20415 to 20635	20415, 20525, 20635	3MHz	16QAM,	1 RB/ 0 RB Offset

LTE Band 13 MODE

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
ERP	23205 to 23255	23205, 23230, 23255	5MHz	QPSK, 16QAM	1 RB/ 0,24 RB Offset
	23230	23230	10MHz	QPSK, 16QAM	1 RB/ 0,49 RB Offset
RADIATED EMISSION Antenna Model NO.: GSA.8841.A.305111	23230	23230	10MHz	16QAM,	1 RB/ 0 RB Offset
RADIATED EMISSION Antenna Model NO.: TG.30.8111 Apex	23230	23230	10MHz	16QAM,	1 RB/ 0 RB 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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

LTE Band 17 MODE

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
ERP	23755 to 23825	23755, 23790, 23825	5MHz	QPSK, 16QAM	1 RB/ 0,24 RB Offset
	23780 to 23800	23780, 23790, 23800	10MHz	QPSK, 16QAM	1 RB/ 0,49 RB Offset
RADIATED EMISSION Antenna Model NO.: GSA.8841.A.305111	23755 to 23825	23755, 23790, 23825	5MHz	16QAM,	1 RB/ 0 RB Offset
RADIATED EMISSION Antenna Model NO.: TG.30.8111 Apex	23755 to 23825	23755, 23790, 23825	5MHz	16QAM,	1 RB/ 24 RB Offset

LTE Band 25 MODE

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
EIRP	27047 to 26683	27047, 26365, 26683	1.4MHz	QPSK, 16QAM	1 RB/ 0,5 RB Offset
	26055 to 26675	26055, 26365, 26675	3MHz	QPSK, 16QAM	1 RB/ 0,14 RB Offset
	26065 to 26665	26065, 26365, 26665	5MHz	QPSK, 16QAM	1 RB/ 0,24 RB Offset
	26096 to 26640	26096, 26365, 26640	10MHz	QPSK, 16QAM	1 RB/ 0,49 RB Offset
	26115 to 26615	26115, 26365, 26615	15MHz	QPSK, 16QAM	1 RB/ 0,74 RB Offset
	26140 to 26590	26140, 26365, 26590	20MHz	QPSK, 16QAM	1 RB/ 0,99 RB Offset
RADIATED EMISSION Antenna Model NO.: GSA.8841.A.305111	27047 to 26683	27047, 26365, 26683	1.4MHz	16QAM,	1 RB/ 5 RB Offset
RADIATED EMISSION Antenna Model NO.: TG.30.8111 Apex	26065 to 26665	26065, 26365, 26665	5MHz	16QAM,	1 RB/ 0 RB 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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

5. MEASUREMENT UNCERTAINTY

Test Items	Uncertainty
RF Power Output	+/- 1.10 dB
ERP/ EIRP measurement	Vertical Polarization = +/- 4.74dB Horizontal Polarization = +/- 4.62dB
99% Occupied Bandwidth	+/- 5.19 Hz
Out of Band Emissions at Antenna Terminals and Band Edge	+/- 0.70 dB
Peak to Average Ratio	+/- 0.70 dB
Frequency Stability vs. Temperature	+/- 5.19 Hz
Frequency Stability vs. Voltage	+/- 5.19 Hz
Temperature	+/- 0.65 °C
Humidity	+/- 4.6 %
DC / AC Power Source	DC= +/- 0.13%, AC= +/- 0.2%

Radiated Spurious Emission:

Measurement uncertainty (Polarization : Vertical)	30MHz - 180MHz: +/- 3.37dB
	180MHz - 417MHz: +/- 3.19dB
	0.417GHz - 1GHz: +/- 3.19dB
	1GHz - 18GHz: +/- 4.04dB
	18GHz - 40GHz: +/- 4.04dB

Measurement uncertainty (Polarization : Horizontal)	30MHz - 167MHz: +/- 4.22dB
	167MHz - 500MHz: +/- 3.44dB
	0.5GHz - 1GHz: +/- 3.39dB
	1GHz - 18GHz: +/- 4.08dB
	18GHz - 40GHz: +/- 4.08dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

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

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

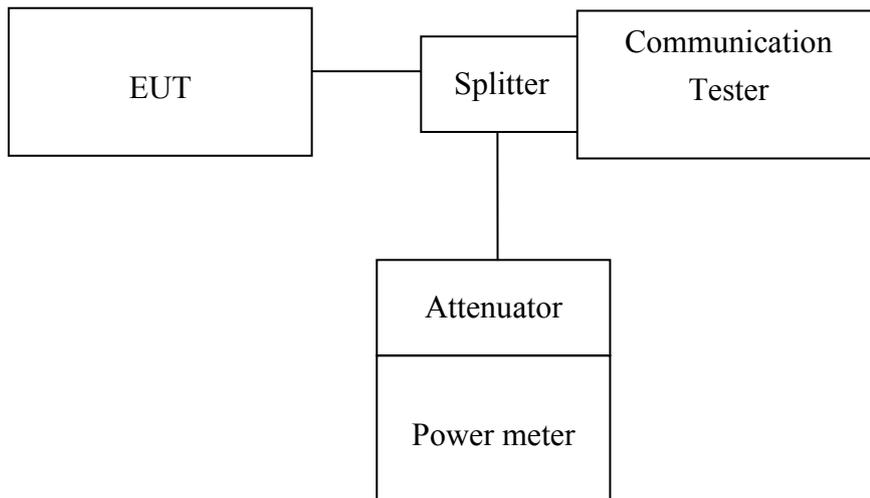
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm.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

6. RF CONDUCTED OUTPUT POWER MEASUREMENT

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.

6.2. Test Set-up



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

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

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

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

6.4. Measurement Equipment Used

Conducted Emission (measured at antenna port) Test Site					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Power Meter	Anritsu	ML2495A	1005007	12/20/2014	12/19/2015
Power Sensor	Anritsu	MA2411B	917032	12/20/2014	12/19/2015
Radio Communication Analyzer	R&S	CMU200	102189	02/11/2015	02/10/2016
Radio Communication Analyzer	Anritsu	MT8820C	6200995019	10/08/2014	10/09/2015
DC Block	Mini-Circuits	BLK-18-S+	1	01/02/2015	01/01/2016
Attenuator	Mini-Circuit	BW-S10W2 +	002	01/02/2015	01/01/2016
Splitter	Agilent	11636B	N/A	01/02/2015	01/01/2016
DC Power Supply	Agilent	E3640A	MY52410006	11/10/2014	11/09/2015

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

6.5. Measurement Result

RF Conducted Output Power

GPRS/EDGE (GMSK; 8-PSK) Result:

EUT Mode	Frequency (MHz)	CH	Peak Power (4DN 1UP) Class 8 (dBm)	Average Burst Power (4DN 1UP) Class 8 (dBm)	Peak Power (4DN 2UP) Class 10 (dBm)	Average Burst Power (4DN 2UP) Class 10 (dBm)
GPRS 850	824.2	128	32.90	32.50	32.80	32.40
	836.6	190	32.80	32.40	32.70	32.30
	848.8	251	32.60	32.30	32.50	32.20
GPRS 1900	1850.2	512	30.20	29.90	30.10	29.80
	1880.0	661	30.20	30.00	30.20	29.90
	1909.8	810	30.10	30.00	30.10	30.00

EUT Mode	Frequency (MHz)	CH	Peak Power (4DN 1UP) Class 8 (dBm)	Average Burst Power (4DN 1UP) Class 8 (dBm)	Peak Power (4DN 2UP) Class 10 (dBm)	Average Burst Power (4DN 2UP) Class 10 (dBm)	Peak Power (4DN 3UP) Class 12 (dBm)	Average Burst Power (4DN 3UP) Class 12 (dBm)	Peak Power (4DN 4UP) Class 12 (dBm)	Average Burst Power (4DN 4UP) Class 12 (dBm)
EDGE 850	824.2	128	30.00	26.80	29.90	26.70	29.70	26.60	29.50	26.40
	836.6	190	30.00	26.90	29.90	26.70	29.70	26.60	29.60	26.50
	848.8	251	29.90	26.80	29.90	26.80	29.70	26.60	29.60	26.50
EDGE 1900	1850.2	512	28.60	25.50	28.60	25.40	28.40	25.20	28.40	25.10
	1880.0	661	28.80	25.60	28.70	25.60	28.60	25.40	28.50	25.30
	1909.8	810	28.80	25.70	28.80	25.70	28.60	25.50	28.60	25.40

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

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

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

CDMA2000/EVDO Result:

EUT Mode	Frequency (MHz)	CH	CDMA	EVDO
			Avg. Power (dBm)	Avg. Power (dBm)
BC0	824.7	1013	24.42	24.22
	836.52	384	24.51	24.30
	848.31	777	24.42	24.28
BC1	1851.25	25	23.71	24.53
	1880	600	23.99	24.55
	1908.75	1175	23.98	24.60
BC10	817.9	476	24.53	24.15
	820.5	580	24.55	24.22
	823.1	684	24.60	24.36

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

WCDMA MODE:

The following tests were completed according to the test requirements outlined in section 5.2 of the 3GPP TS34.121-1 V8.4.0 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:

EUT Mode		WCDMA Band II		HSDPA Band II		HSUPA Band II	
Frequency (MHz)	CH	Peak Power (dBm)	Avg. Power (dBm)	Peak Power (dBm)	Avg. Power (dBm)	Peak Power (dBm)	Avg. Power (dBm)
1852.4	9262	27.12	23.61	26.91	22.98	26.40	22.40
1880.0	9400	27.18	23.64	26.74	23.08	26.17	22.42
1907.6	9538	27.13	23.74	26.81	23.15	26.25	22.41

EUT Mode		WCDMA Band IV		HSDPA Band IV		HSUPA Band IV	
Frequency (MHz)	CH	Peak Power (dBm)	Avg. Power (dBm)	Peak Power (dBm)	Avg. Power (dBm)	Peak Power (dBm)	Avg. Power (dBm)
1712.4	1312	27.44	23.86	27.22	23.33	26.63	22.69
1732.6	1412	26.92	23.73	26.95	23.27	26.40	22.57
1752.6	1513	27.39	23.84	27.36	23.46	26.73	22.83

EUT Mode		WCDMA Band V		HSDPA Band V		HSUPA Band V	
Frequency (MHz)	CH	Peak Power (dBm)	Avg. Power (dBm)	Peak Power (dBm)	Avg. Power (dBm)	Peak Power (dBm)	Avg. Power (dBm)
826.4	4132	26.88	23.53	26.44	22.85	26.04	22.26
836.6	4183	26.88	23.51	26.61	22.88	26.13	22.28
846.6	4233	26.89	23.50	26.70	22.92	26.23	22.33

Note: The results above reflect max power with all up bits.

Cable loss offset: Low Band: 14.8dB, High Band: 15.2dB

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

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

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

LTE Band 2

LTE Band 2_Uplink frequency band : 1850 to 1910 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 18607	Channel (Mid) 18900	Channel (High) 19193	Channel (Low) 18607	Channel (Mid) 18900	Channel (High) 19193
1.4	1	0	23.60	23.33	23.62	22.57	22.61	22.63
	1	5	23.74	23.69	23.74	22.52	22.64	22.72
	3	2	23.43	23.71	23.79	22.61	22.70	22.81
	6	0	22.63	22.75	22.85	21.54	21.61	21.79

LTE Band 2_Uplink frequency band : 1850 to 1910 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 18615	Channel (Mid) 18900	Channel (High) 19185	Channel (Low) 18615	Channel (Mid) 18900	Channel (High) 19185
3	1	0	23.65	23.72	23.74	22.53	22.70	22.61
	1	14	23.66	23.65	23.79	22.63	22.59	22.72
	8	4	22.65	22.63	22.73	21.54	21.60	21.69
	15	0	22.55	22.65	22.63	21.56	21.55	21.58

LTE Band 2_Uplink frequency band : 1850 to 1910 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 18625	Channel (Mid) 18900	Channel (High) 19175	Channel (Low) 18625	Channel (Mid) 18900	Channel (High) 19175
5	1	0	23.46	23.49	23.31	22.27	22.46	22.37
	1	24	23.44	23.34	23.74	22.21	22.33	22.48
	12	6	22.36	22.40	22.53	21.52	21.41	21.49
	25	0	22.25	22.28	22.36	21.22	21.26	21.28

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

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

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

LTE Band 2_Uplink frequency band : 1850 to 1910 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 18650	Channel (Mid) 18900	Channel (High) 19150	Channel (Low) 18650	Channel (Mid) 18900	Channel (High) 19150
10	1	0	23.45	23.44	23.42	22.40	22.43	22.38
	1	49	23.45	23.27	23.62	22.34	22.29	22.56
	25	12	22.13	22.35	22.21	21.11	21.23	21.26
	50	0	21.98	22.05	22.03	21.00	21.03	21.12

LTE Band 2_Uplink frequency band : 1850 to 1910 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 18675	Channel (Mid) 18900	Channel (High) 19125	Channel (Low) 18675	Channel (Mid) 18900	Channel (High) 19125
15	1	0	23.51	23.47	23.26	22.40	22.38	22.21
	1	74	23.39	23.29	23.60	22.28	22.42	22.57
	36	19	22.14	22.15	22.22	21.18	21.16	21.15
	75	0	22.11	21.91	22.17	21.11	21.04	21.08

LTE Band 2_Uplink frequency band : 1850 to 1910 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 18700	Channel (Mid) 18900	Channel (High) 19100	Channel (Low) 18700	Channel (Mid) 18900	Channel (High) 19100
20	1	0	23.50	23.46	23.41	22.39	22.32	22.40
	1	99	23.33	23.42	23.44	22.18	22.13	22.41
	50	25	22.13	22.10	21.94	21.07	21.00	21.11
	100	0	22.10	22.21	22.17	21.10	21.10	21.07

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

LTE Band 4

LTE Band 4_Uplink frequency band : 1710 to 1755 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 19957	Channel (Mid) 20175	Channel (High) 20393	Channel (Low) 19957	Channel (Mid) 20175	Channel (High) 20393
1.4	1	0	23.62	23.62	23.50	22.52	22.49	22.24
	1	5	23.30	23.63	23.55	22.48	22.55	22.52
	3	2	23.40	23.53	23.54	22.42	22.60	22.44
	6	0	22.60	22.60	22.50	21.60	21.57	21.58

LTE Band 4_Uplink frequency band : 1710 to 1755 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 19965	Channel (Mid) 20175	Channel (High) 20385	Channel (Low) 19965	Channel (Mid) 20175	Channel (High) 20385
3	1	0	23.56	23.50	23.46	22.32	22.54	22.62
	1	14	23.73	23.57	23.46	22.70	22.60	22.58
	8	4	22.62	22.58	22.39	21.64	21.55	21.48
	15	0	22.61	22.48	22.51	21.59	21.51	21.35

LTE Band 4_Uplink frequency band : 1710 to 1755 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 19975	Channel (Mid) 20175	Channel (High) 20375	Channel (Low) 19975	Channel (Mid) 20175	Channel (High) 20375
5	1	0	23.68	23.60	23.33	22.48	22.56	22.59
	1	24	23.61	23.76	23.64	22.54	22.56	22.46
	12	6	22.64	22.44	22.55	21.70	21.70	21.54
	25	0	22.52	22.42	22.38	21.49	21.39	21.41

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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_Uplink frequency band : 1710 to 1755 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 20000	Channel (Mid) 20175	Channel (High) 20350	Channel (Low) 20000	Channel (Mid) 20175	Channel (High) 20350
10	1	0	23.61	23.74	23.60	22.60	22.48	22.60
	1	49	23.67	23.59	23.63	22.59	22.44	22.34
	25	12	22.42	22.37	22.35	21.36	21.39	21.38
	50	0	22.25	22.28	22.04	21.20	21.23	21.22

LTE Band 4_Uplink frequency band : 1710 to 1755 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 20025	Channel (Mid) 20175	Channel (High) 20325	Channel (Low) 20025	Channel (Mid) 20175	Channel (High) 20325
15	1	0	23.65	23.70	23.63	22.67	22.53	22.58
	1	74	23.61	23.45	23.60	22.26	22.42	22.23
	36	19	22.41	22.40	22.27	21.37	21.37	21.33
	75	0	22.33	22.33	22.17	21.32	21.29	21.25

LTE Band 4_Uplink frequency band : 1710 to 1755 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 20050	Channel (Mid) 20175	Channel (High) 20300	Channel (Low) 20050	Channel (Mid) 20175	Channel (High) 20300
20	1	0	23.42	23.63	23.62	22.70	22.73	22.68
	1	99	23.53	23.50	23.77	22.48	22.30	22.43
	50	25	22.32	22.37	22.26	21.37	21.29	21.28
	100	0	22.36	22.34	22.35	21.37	21.31	21.40

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

LTE Band 5

LTE Band 5_Uplink frequency band : 824 to 849 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 20407	Channel (Mid) 20525	Channel (High) 20643	Channel (Low) 20407	Channel (Mid) 20525	Channel (High) 20643
1.4	1	0	23.09	23.05	23.07	21.99	21.81	22.06
	1	5	23.15	23.22	23.01	22.17	22.27	21.87
	3	2	23.17	23.03	23.02	22.18	22.09	22.04
	6	0	22.17	22.18	22.12	21.24	21.18	21.15

LTE Band 5_Uplink frequency band : 824 to 849 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 20415	Channel (Mid) 20525	Channel (High) 20635	Channel (Low) 20415	Channel (Mid) 20525	Channel (High) 20635
3	1	0	23.07	23.05	22.99	21.67	22.07	21.81
	1	14	23.19	23.32	22.95	22.17	21.98	21.75
	8	4	22.11	22.21	24.02	21.08	21.15	23.06
	15	0	22.12	22.18	24.16	21.08	21.18	23.45

LTE Band 5_Uplink frequency band : 824 to 849 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 20425	Channel (Mid) 20525	Channel (High) 20625	Channel (Low) 20425	Channel (Mid) 20525	Channel (High) 20625
5	1	0	23.11	23.18	23.09	22.17	21.61	22.02
	1	24	22.95	23.23	23.01	22.14	21.89	21.85
	12	6	22.18	22.09	21.92	21.18	21.24	21.17
	25	0	22.03	22.06	22.00	20.94	21.10	20.95

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

LTE Band 5_Uplink frequency band : 824 to 849 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 20450	Channel (Mid) 20525	Channel (High) 20600	Channel (Low) 20450	Channel (Mid) 20525	Channel (High) 20600
10	1	0	23.15	23.12	23.10	21.98	22.15	22.14
	1	49	23.15	23.29	23.01	22.14	22.19	22.06
	25	12	22.08	22.16	22.07	21.03	21.05	21.13
	50	0	21.94	22.04	21.95	20.89	20.98	21.03

LTE Band 13

LTE Band 13_Uplink frequency band : 777 to 787 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 23205	Channel (Mid) 23230	Channel (High) 23255	Channel (Low) 23205	Channel (Mid) 23230	Channel (High) 23255
5	1	0	23.54	23.43	23.63	22.31	22.23	22.62
	1	24	23.59	23.63	23.47	22.54	22.38	22.44
	12	6	22.33	22.51	22.45	21.31	21.55	21.41
	25	0	22.25	22.47	22.43	21.18	21.39	21.36

LTE Band 13_Uplink frequency band : 777 to 787 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel 23230			Channel 23230		
10	1	0	23.76			22.62		
	1	49	23.72			22.65		
	25	12	22.81			21.64		
	50	0	22.54			21.66		

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 17

LTE Band 17_Uplink frequency band : 704 to 716 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 23755	Channel (Mid) 20790	Channel (High) 20825	Channel (Low) 23755	Channel (Mid) 20790	Channel (High) 20825
5	1	0	23.47	23.74	23.74	21.94	22.74	22.50
	1	24	23.58	23.54	23.18	22.62	22.29	22.12
	12	6	22.39	22.66	22.37	21.45	21.68	21.41
	25	0	22.41	22.53	22.23	21.35	21.53	21.19

LTE Band 17_Uplink frequency band : 704 to 716 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 23780	Channel (Mid) 23790	Channel (High) 23800	Channel (Low) 23780	Channel (Mid) 23790	Channel (High) 23800
10	1	0	23.42	23.39	23.49	21.74	22.26	22.06
	1	49	23.24	23.40	23.22	22.47	22.51	22.28
	25	12	22.60	22.57	22.46	21.51	21.46	21.49
	50	0	22.36	22.33	22.33	21.41	21.31	21.28

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

LTE Band 25

LTE Band 25_Uplink frequency band : 1850 to 1915 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 26047	Channel (Mid) 26365	Channel (High) 26683	Channel (Low) 26047	Channel (Mid) 26365	Channel (High) 26683
1.4	1	0	23.20	23.15	23.58	22.10	21.96	22.44
	1	5	23.29	23.32	23.52	22.18	22.27	22.43
	3	2	23.20	23.27	23.45	22.18	22.32	22.41
	6	0	22.19	22.27	22.42	21.20	21.32	21.50

LTE Band 25_Uplink frequency band : 1850 to 1915 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 26055	Channel (Mid) 26365	Channel (High) 26675	Channel (Low) 26055	Channel (Mid) 26365	Channel (High) 26675
3	1	0	23.13	23.16	23.39	21.95	22.15	22.40
	1	14	23.10	23.23	23.32	21.89	22.14	22.39
	8	4	22.24	22.26	22.50	21.17	21.17	21.45
	15	0	22.13	22.28	22.45	21.13	21.25	21.45

LTE Band 25_Uplink frequency band : 1850 to 1915 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 26065	Channel (Mid) 26365	Channel (High) 26665	Channel (Low) 26065	Channel (Mid) 26365	Channel (High) 26665
5	1	0	23.23	23.21	23.50	21.92	22.16	22.22
	1	24	23.17	23.29	23.49	22.07	22.17	22.41
	12	6	22.21	22.25	22.39	21.21	21.29	21.31
	25	0	22.00	21.96	22.22	21.04	21.11	21.21

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

LTE Band 25_Uplink frequency band : 1850 to 1915 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 26090	Channel (Mid) 26365	Channel (High) 226640	Channel (Low) 26090	Channel (Mid) 26365	Channel (High) 226640
10	1	0	23.17	23.34	23.47	22.01	22.13	22.34
	1	49	23.21	23.23	23.56	22.21	22.06	22.26
	25	12	22.03	22.18	22.29	21.03	21.09	21.21
	50	0	21.84	22.00	22.24	20.90	21.00	21.27

LTE Band 25_Uplink frequency band : 1850 to 1915 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 26115	Channel (Mid) 26365	Channel (High) 26615	Channel (Low) 26115	Channel (Mid) 26365	Channel (High) 26615
15	1	0	23.19	23.20	23.29	22.26	22.30	22.22
	1	74	23.26	23.11	23.50	22.04	22.08	22.40
	36	19	21.93	22.05	22.17	20.99	21.05	21.20
	75	0	21.91	22.00	22.22	20.88	20.96	21.12

LTE Band 25_Uplink frequency band : 1850 to 1915 MHz								
BW (MHz)	RB Size	RB Offset	Conducted power (dBm)					
			QPSK			16QAM		
			Channel (Low) 26140	Channel (Mid) 26365	Channel (High) 26590	Channel (Low) 26140	Channel (Mid) 26365	Channel (High) 26590
20	1	0	23.22	23.30	23.22	22.28	22.30	22.32
	1	99	23.19	23.15	23.41	22.31	22.21	22.46
	50	25	21.92	21.93	22.01	20.96	21.00	21.04
	100	0	22.00	22.01	22.12	20.98	20.97	21.14

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

HSDPA Release 8 MODE:

The following 4 Sub-Tests were completed according to the test requirements outlined in section 5.2A of the 3GPP TS34.121-1 V8.4.0 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 V8.4.0. 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_a	β_a (SF)	β_c/β_a	β_{HS} (Note 1, 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.

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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			Power Class 3 Limita- tion (dBm)	Comments
		9262	9400	9538		
HSDPA (B2)	1	23.83	23.89	23.93	20.3dBm – 25.7dBm	Pass
	2	23.54	23.53	23.61	20.3dBm – 25.7dBm	Pass
	3	23.37	23.41	23.44	19.8dBm – 25.7dBm	Pass
	4	23.42	23.45	23.50	19.8dBm – 25.7dBm	Pass

Mode	Sub-test	RMS Power (dBm) Channel			Power Class 3 Limita- tion (dBm)	Comments
		1312	1413	1513		
HSDPA (B4)	1	24.08	23.98	24.03	20.3dBm – 25.7dBm	Pass
	2	23.79	23.62	23.71	20.3dBm – 25.7dBm	Pass
	3	23.62	23.50	23.54	19.8dBm – 25.7dBm	Pass
	4	23.67	23.54	23.60	19.8dBm – 25.7dBm	Pass

Mode	Sub-test	Avg. Power (dBm) Channel			Power Class 3 Limita- tion (dBm)	Comments
		4132	4183	4233		
HSDPA (B5)	1	23.75	23.76	23.69	20.3dBm – 25.7dBm	Pass
	2	23.46	23.40	23.37	20.3dBm – 25.7dBm	Pass
	3	23.29	23.28	23.20	19.8dBm – 25.7dBm	Pass
	4	23.34	23.32	23.26	19.8dBm – 25.7dBm	Pass

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

HSPA (HSDPA & HSUPA) Release 8 MODE

The following 5 Sub-Tests were completed according to the test requirements outlined in section 5.2A of the 3GPP TS34.121-1 V8.4.0 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 V8.4.0. 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_a	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	β_{ed1} : 47/15 β_{ed2} : 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			Power Class 3 Limita- tion (dBm)	Comments
		9262	9400	9538		
HSUPA(B2)	1	23.57	23.57	23.65	18.8dBm – 25.7dBm	Pass
	2	21.63	21.65	21.69	16.8dBm – 25.7dBm	Pass
	3	22.54	22.63	22.68	17.8dBm – 25.7dBm	Pass
	4	21.68	21.71	21.77	16.8dBm – 25.7dBm	Pass
	5	23.43	23.40	23.54	18.8dBm – 25.7dBm	Pass

Mode	Sub-test	RMS Power (dBm) Channel			Power Class 3 Limita- tion (dBm)	Comments
		1312	1413	1513		
HSUPA (B4)	1	23.82	23.66	23.75	18.8dBm – 25.7dBm	Pass
	2	21.88	21.74	21.79	16.8dBm – 25.7dBm	Pass
	3	22.79	22.72	22.78	17.8dBm – 25.7dBm	Pass
	4	21.93	21.80	21.87	16.8dBm – 25.7dBm	Pass
	5	23.68	23.49	23.64	18.8dBm – 25.7dBm	Pass

Mode	Sub-test	Avg. Power (dBm) Channel			Power Class 3 Limita- tion (dBm)	Comments
		4132	4183	4233		
HSUPA(B5)	1	23.49	23.44	23.41	18.8dBm – 25.7dBm	Pass
	2	21.55	21.52	21.45	16.8dBm – 25.7dBm	Pass
	3	22.46	22.50	22.44	17.8dBm – 25.7dBm	Pass
	4	21.60	21.58	21.53	16.8dBm – 25.7dBm	Pass
	5	23.35	23.27	23.30	18.8dBm – 25.7dBm	Pass

WCDMA/HSDPA/HSUPA band II, IV, V

The EUT output power was controlled by simulator. Set Communication Tester CMU200 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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

7. EFFECTIVE RADIATED POWER AND EQUIVALENT ISOTROPIC RADIATED POWER MEASUREMENT

7.1. Standard Applicable

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

FCC 24.232(b) Mobile station is limited to 2W.

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

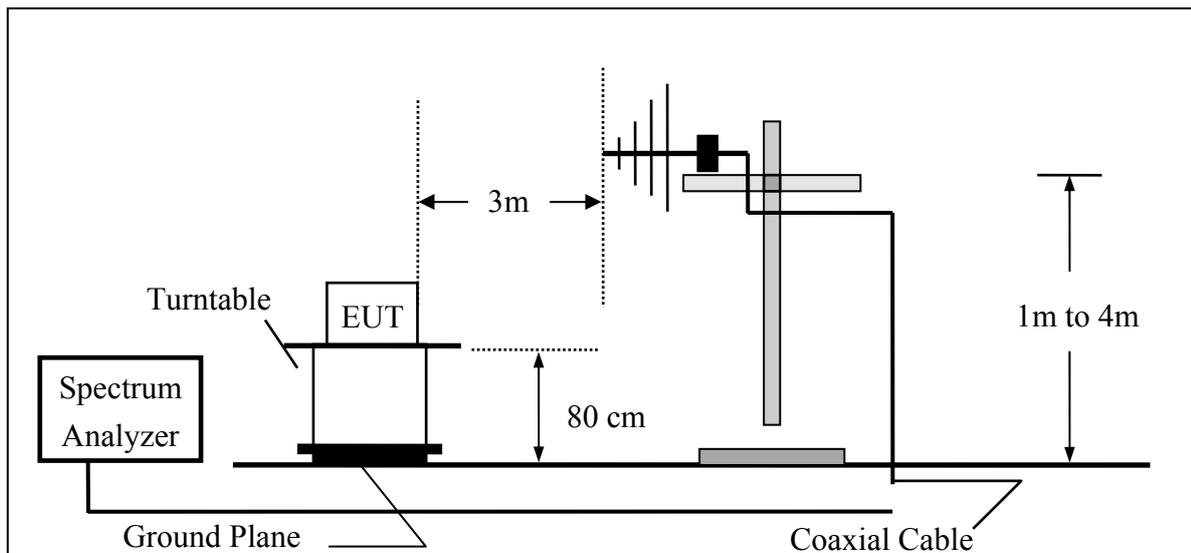
FCC 27, 50(d)(4) Portable stations are limited to 1W

Part 27, 50(d)(4) Portable stations are limited to 1W

Part 90 Subpart (R) Mobile stations are limited to 100W

7.2. Test SET-UP

(A) Radiated Power Test Set-Up, Frequency Below 1000MHz

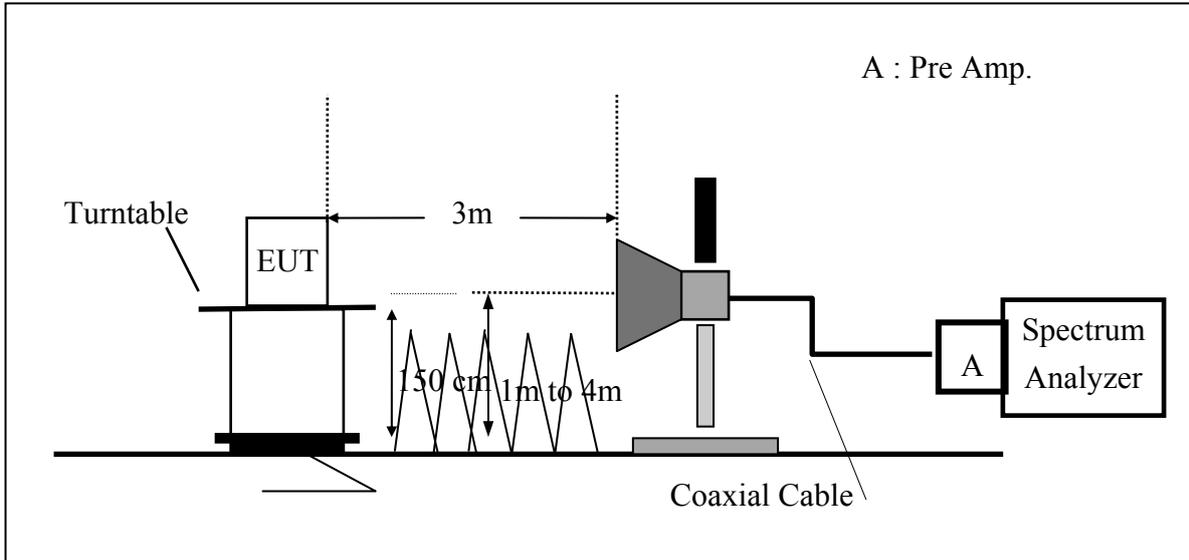


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

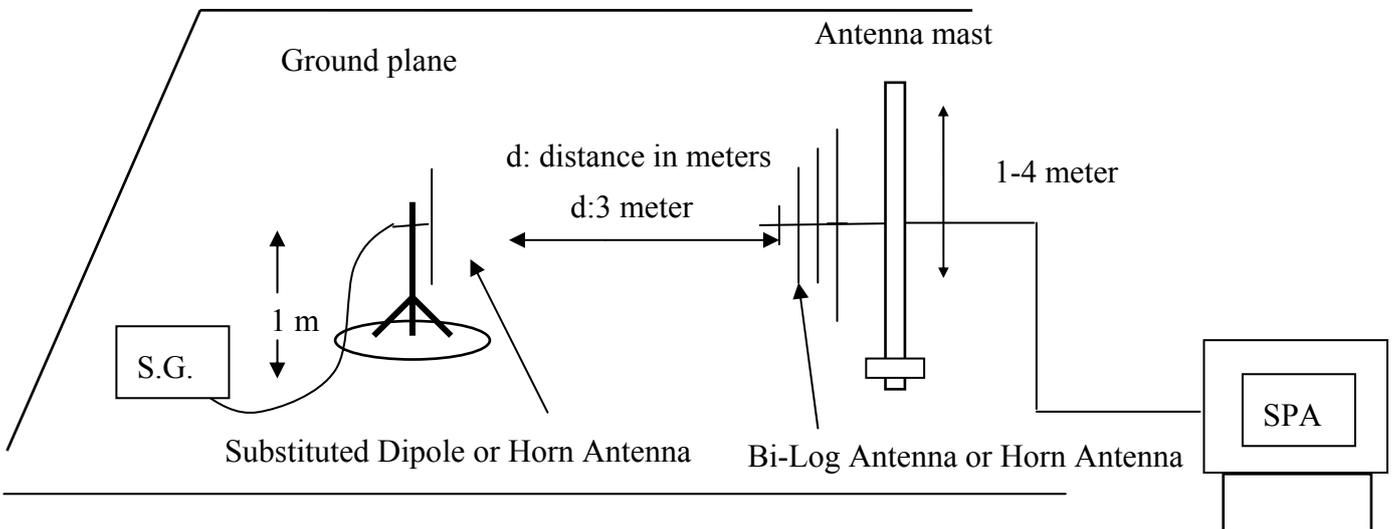
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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

(B) Radiated Power Test Set-UP Frequency Over 1 GHz



(C) Substituted Method 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.

7.3. Measurement Procedure

1. The testing follows the Measurement Procedure of FCC KDB 971168 D01
2. The EUT was placed on a non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer.
3. During the measurement, the EUT was communication with the station. The highest emission was recorded with the rotation of the turntable and the lowering of the test antenna from 4m to 1m. The reading was recorded and the field strength (E in dBuV/m) was calculated
4. The testing follows the Measurement Procedure of FCC KDB 971168 D01
5. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a tx cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step b. Record the power level of S.G.
6. $ERP = S.G. \text{ output (dBm)} + \text{Antenna Gain (dBd)} - \text{Cable Loss (dB)}$
7. $ERP = S.G. \text{ output (dBm)} + \text{Antenna Gain (dBd)} - \text{Cable Loss (dB)}$
8. Spectrum setting:
 - (1) Detector = Peak, marker the highest value of the detector by maximum hold, set RBW wide enough to capture the entire signal of emission, and $VBW \geq 3 \times RBW$.
 - (2) KDB 971168 D01 is adopted, and the procedure as lists under item 4, Measurement of the Average Power over the Fundamental Signal Bandwidth, is followed to set correspondingly for the acquisition of proper measurement data.
Set frequency = nominal signal center frequency;
Set span = 2 X occupied BW;
Set RBW \approx 1~5% of the span, not to exceed 1 MHz
Set VBW = 3 x RBW;
Select average power (RMS) detector
Set sweep time and number of measurement points to achieve a minimum of 1 millisecond/pt
integration time (ex. Point = 601points, then sweep time = $601 * 10^{-3} = 6s$).

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

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

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

Activate trace averaging routine over a minimum of 10 sweeps;
Activate marker/span pair and set span = signal or channel bandwidth;
Activate the band/interval power marker function;
Record the band power level;

Record adjusted value as the average signal power level. Then activate the occupied bandwidth measurement function.

The proper adjustment due to limitation of spectrum capability is given compensated to spectrum with conversion factor of $10 \cdot \log(TBW/RBW)$, where TBW is the transmission of UE exceeding the maximum BW UE can extend, and RBW is the resolution BW in UE.

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

7.4. Measurement Equipment Used

ERP, EIRP MEASUREMENT EQUIPMENT List 966 Chamber					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Spectrum Analyzer	Agilent	E4446A	MY51100003	01/29/2015	01/28/2016
EXA Spectrum Analyzer	Agilent	N9010A	MY50420195	12/22/2014	12/21/2015
Spectrum Analyzer	R&S	FSV-30	101398	10/07/2014	10/06/2015
Bilog Antenna	SCHWAZBECK	VULB9168	378	12/23/2014	12/22/2015
Bilog Antenna	SCHWAZBECK	VULB9160	3158	10/31/2014	10/30/2015
Horn antenna	ETS.LINDGREN	3117	123995	05/05/2015	05/04/2016
Horn antenna	ETS.LINDGREN	3117	123991	12/19/2014	12/18/2015
Horn Antenna	Schwarzbeck	BBHA9170	184	12/25/2014	12/24/2015
Horn Antenna	Schwarzbeck	BBHA9170	185	07/25/2015	07/24/2016
Network Analyze	Anritsu	MS4644A	1216312	05/23/2015	05/22/2016
Signal Generator	Agilent	E4438C	MY45093613	07/31/2015	07/30/2016
Pre-Amplifier	Agilent	8447D	1937A02834	01/02/2015	01/01/2016
Pre-Amplifier	Agilent	8449B	3008A00578	01/02/2015	01/01/2016
Pre-Amplifier	EMC Instruments Corp.	EMC184045	980135	01/02/2015	01/01/2016
Attenuator	Mini-Circuit	BW-S10W2+	004	01/02/2015	01/01/2016
Radio Communication Analyzer	R&S	CMU200	102189	02/11/2015	02/10/2016
Radio Communication Analyzer	Anritsu	MT8820C	6200995019	10/08/2014	10/09/2015
Turn Table	HD	DT420	N/A	N.C.R	N.C.R
Antenna Tower	ChamPro	AM-BS-4500-B	060776-ABS	N.C.R	N.C.R
Controller	ChamPro	EM1000	060776	N.C.R	N.C.R
Low Loss Cable	HUBER+SUHNER	966_Tx	10m	01/02/2015	01/01/2016
Filter 800-1000	Micro-Tronics	EWT	M2	01/02/2015	01/01/2016
Filter 1800-2000	Micro-Tronics	EWT	M2	01/02/2015	01/01/2016
Filter 1700-1800	Micro-Tronics	BRC15751	001	01/02/2015	01/01/2016
1GHz High Pass Filter	Micro-Tronics	HPM50108	32	01/02/2015	01/01/2016
2GHz High Pass Filter	Micro-Tronics	HPM50110	36	01/02/2015	01/01/2016
3m Site NSA	SGS	966 chamber	N/A	07/01/2015	06/30/2016

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

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

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

SGS Taiwan Ltd.

No. 134, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

7.5. Measurement Result: (Peak) –using option of peak measurement

*Antenna Part No.: GSA.8841.A.105111

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
GPRS 850	824.2	128	V	25.25	3.45	-2.94	25.77	38.45
			H	17.07	3.45	-2.94	17.58	38.45
	836.6	190	V	25.46	3.46	-2.97	25.95	38.45
			H	16.88	3.46	-2.97	17.36	38.45
	848.8	251	V	25.20	3.47	-3.01	25.66	38.45
			H	18.13	3.47	-3.01	18.59	38.45

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
EDGE 850	824.2	128	V	23.10	3.45	-2.94	23.61	38.45
			H	15.90	3.45	-2.94	16.41	38.45
	836.6	190	V	22.51	3.46	-2.97	23.00	38.45
			H	15.78	3.46	-2.97	16.27	38.45
	848.8	251	V	23.14	3.47	-3.01	23.60	38.45
			H	17.00	3.47	-3.01	17.46	38.45

Remark :

- (1) The RBW,VBW of SPA for frequency RBW=300 KHz, VBW=1MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
GPRS 1900	1850.2	512	V	26.92	4.84	-4.49	27.28	33.01
			H	17.93	4.84	-4.49	18.29	33.01
	1880.0	661	V	26.35	4.79	-4.53	26.62	33.01
			H	23.46	4.79	-4.53	23.73	33.01
	1909.8	810	V	26.36	4.74	-4.57	26.54	33.01
			H	20.89	4.74	-4.57	21.07	33.01

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
EDGE 1900	1850.2	512	V	26.44	4.84	-4.49	26.80	33.01
			H	13.68	4.84	-4.49	14.04	33.01
	1880.0	661	V	26.27	4.79	-4.53	26.54	33.01
			H	19.18	4.79	-4.53	19.45	33.01
	1909.8	810	V	26.25	4.74	-4.57	26.43	33.01
			H	15.87	4.74	-4.57	16.04	33.01

Remark :

- (1) The RBW,VBW of SPA for frequency RBW=300 KHz, VBW=1MHz

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
WCDMA B2	1852.4	9262	V	22.96	4.84	-4.49	23.31	33.01
			H	11.75	4.84	-4.49	12.10	33.01
	1880.0	9400	V	25.86	4.79	-4.53	26.12	33.01
			H	16.18	4.79	-4.53	16.44	33.01
	1907.6	9538	V	24.34	4.75	-4.56	24.53	33.01
			H	14.68	4.75	-4.56	14.87	33.01

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
HSDPA B2	1852.4	9262	V	26.86	4.84	-4.49	27.22	33.01
			H	15.33	4.84	-4.49	15.68	33.01
	1880.0	9400	V	26.86	4.79	-4.53	27.13	33.01
			H	20.93	4.79	-4.53	21.20	33.01
	1907.6	9538	V	27.13	4.75	-4.56	27.32	33.01
			H	18.13	4.75	-4.56	18.31	33.01

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
HSUPA B2	1852.4	9262	V	24.80	4.84	-4.49	25.15	33.01
			H	13.47	4.84	-4.49	13.82	33.01
	1880.0	9400	V	26.74	4.79	-4.53	27.01	33.01
			H	19.36	4.79	-4.53	19.63	33.01
	1907.6	9538	V	27.02	4.75	-4.56	26.21	33.01
			H	16.03	4.75	-4.56	16.21	33.01

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 5MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
WCDMA B4	1712.4	1312	V	25.50	5.09	-4.29	26.29	30.00
			H	13.97	5.08	-4.29	14.76	30.00
	1732.6	1413	V	24.28	5.05	-4.31	25.02	30.00
			H	13.96	5.05	-4.31	14.69	30.00
	1752.6	1513	V	25.31	5.01	-4.37	25.95	30.00
			H	15.54	5.01	-4.37	16.18	30.00

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
HSDPA B4	1712.4	1312	V	27.75	5.09	-4.29	28.55	30.00
			H	16.47	5.09	-4.29	17.26	30.00
	1732.6	1413	V	27.34	5.05	-4.31	28.08	30.00
			H	18.05	5.05	-4.31	18.79	30.00
	1752.6	1513	V	28.35	5.01	-4.37	28.99	30.00
			H	20.50	5.01	-4.37	21.14	30.00

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
HSUPA B4	1712.4	1312	V	27.13	5.09	-4.29	27.93	30.00
			H	15.87	5.09	-4.29	16.67	30.00
	1732.6	1413	V	26.94	5.05	-4.31	27.67	30.00
			H	16.69	5.05	-4.31	17.43	30.00
	1752.6	1513	V	26.81	5.01	-4.37	27.46	30.00
			H	19.11	5.01	-4.37	19.75	30.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 5MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
WCDMA B5	826.4	4132	V	19.89	3.46	-2.94	20.41	38.45
			H	9.42	3.46	-2.95	9.93	38.45
	836.6	4183	V	20.00	3.46	-2.97	20.49	38.45
			H	9.21	3.46	-2.97	9.70	38.45
	846.6	4233	V	19.95	3.47	-3.00	20.42	38.45
			H	11.10	3.47	-3.00	11.57	38.45

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
HSDPA B5	826.4	4132	V	21.11	3.46	-2.95	21.62	38.45
			H	11.55	3.46	-2.94	12.06	38.45
	836.6	4183	V	21.38	3.46	-2.97	21.87	38.45
			H	12.42	3.46	-2.97	12.90	38.45
	846.6	4233	V	21.36	3.47	-3.00	21.82	38.45
			H	13.70	3.47	-3.00	14.17	38.45

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
HSUPA B5	826.4	4132	V	20.25	3.46	-2.95	20.76	38.45
			H	10.77	3.46	-2.94	11.29	38.45
	836.6	4183	V	20.29	3.46	-2.97	20.78	38.45
			H	11.25	3.46	-2.97	11.74	38.45
	846.6	4233	V	20.72	3.47	-3.00	21.19	38.45
			H	11.78	3.47	-3.00	12.25	38.45

Remark :

- (1) The RBW,VBW of SPA for frequency RBW=300 KHz, VBW=1MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
CDMA BC0	824.7	1013	V	20.49	3.45	-2.94	21.00	38.45
			H	9.98	3.45	-2.94	10.50	38.45
	836.52	384	V	21.05	3.46	-2.97	21.54	38.45
			H	10.21	3.46	-2.97	10.70	38.45
	848.31	777	V	19.87	3.47	-3.00	20.33	38.45
			H	9.01	3.47	-3.00	9.47	38.45

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
EVDO 2000 BC0	824.7	1013	V	20.40	3.45	-2.94	20.92	38.45
			H	8.03	3.45	-2.94	8.55	38.45
	836.52	384	V	19.03	3.46	-2.97	19.52	38.45
			H	8.77	3.46	-2.97	9.26	38.45
	848.31	777	V	18.59	3.47	-3.00	19.05	38.45
			H	7.09	3.47	-3.00	7.55	38.45

Remark :

- (1) The RBW,VBW of SPA for frequency RBW=300 KHz, VBW=1MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
CDMA BC1	1851.25	25	V	20.92	4.84	-4.49	21.27	33.00
			H	9.55	4.84	-4.49	9.91	33.00
	1880.0	600	V	20.06	4.79	-4.53	20.33	33.00
			H	10.99	4.79	-4.53	11.26	33.00
	1908.75	1175	V	16.74	4.75	-4.56	16.92	33.00
			H	6.89	4.75	-4.56	7.07	33.00

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
EVDO 2000 BC1	1851.25	25	V	18.10	4.84	-4.49	18.46	33.00
			H	8.06	4.84	-4.49	8.41	33.00
	1880.0	600	V	17.18	4.79	-4.53	17.44	33.00
			H	9.29	4.79	-4.53	9.55	33.00
	1908.75	1175	V	14.57	4.75	-4.56	14.75	33.00
			H	2.73	4.75	-4.56	2.91	33.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW=300 KHz, VBW=1MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
CDMA BC10	817.9	476	V	20.60	3.45	-2.92	21.14	50.00
			H	12.12	3.45	-2.92	12.66	50.00
	820.5	580	V	20.84	3.45	-2.93	21.37	50.00
			H	9.30	3.45	-2.92	9.83	50.00
	823.1	684	V	20.66	3.45	-2.93	21.18	50.00
			H	4.03	3.45	-2.93	4.55	50.00

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
EVDO 2000 BC10	817.9	476	V	19.80	3.45	-2.92	20.34	50.00
			H	9.19	3.45	-2.92	9.72	50.00
	820.5	580	V	20.34	3.45	-2.93	20.87	50.00
			H	3.46	3.45	-2.92	3.99	50.00
	823.1	684	V	20.45	3.45	-2.93	20.97	50.00
			H	1.47	3.45	-2.93	1.99	50.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW=300 KHz, VBW=1MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 2 BW: 1.4M QPSK RB: 1,0	1850.7	18607	V	28.18	4.84	-4.49	28.53	33.01
			H	16.13	4.84	-4.49	16.48	33.01
	1880.0	18900	V	29.01	4.80	-4.52	29.29	33.01
			H	15.86	4.80	-4.52	16.13	33.01
	1909.3	19193	V	26.03	4.75	-4.56	26.21	33.01
			H	11.13	4.75	-4.56	11.31	33.01
BAND 2 BW: 1.4M QPSK RB: 1,5	1850.7	18607	V	28.02	4.84	-4.49	28.38	33.01
			H	15.97	4.84	-4.49	16.33	33.01
	1880.0	18900	V	28.88	4.80	-4.52	29.15	33.01
			H	15.83	4.80	-4.52	16.10	33.01
	1909.3	19193	V	25.68	4.75	-4.56	25.86	33.01
			H	10.56	4.75	-4.56	10.74	33.01
BAND 2 BW: 1.4M 16QAM RB: 1,0	1850.7	18607	V	29.03	4.84	-4.49	29.38	33.01
			H	17.21	4.84	-4.49	17.57	33.01
	1880.0	18900	V	28.79	4.80	-4.52	29.06	33.01
			H	16.88	4.79	-4.53	17.14	33.01
	1909.3	19193	V	26.82	4.75	-4.56	27.00	33.01
			H	11.59	4.75	-4.56	11.78	33.01
BAND 2 BW: 1.4M 16QAM RB: 1,5	1850.7	18607	V	28.84	4.84	-4.49	29.19	33.01
			H	17.14	4.84	-4.49	17.49	33.01
	1880.0	18900	V	28.76	4.79	-4.53	29.03	33.01
			H	16.94	4.79	-4.53	17.21	33.01
	1909.3	19193	V	26.32	4.75	-4.56	26.50	33.01
			H	11.31	4.75	-4.56	11.49	33.01

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 2 BW: 3M QPSK RB: 1,0	1851.5	18615	V	28.34	4.84	-4.49	28.69	33.01
			H	16.23	4.84	-4.49	16.58	33.01
	1880.0	18900	V	27.95	4.80	-4.52	28.23	33.01
			H	16.11	4.80	-4.52	16.38	33.01
	1908.5	19185	V	27.61	4.75	-4.56	27.80	33.01
			H	12.29	4.75	-4.56	12.48	33.01
BAND 2 BW: 3M QPSK RB: 1,14	1851.5	18615	V	28.08	4.84	-4.49	28.43	33.01
			H	16.10	4.84	-4.49	16.46	33.01
	1880.0	18900	V	28.67	4.79	-4.53	28.94	33.01
			H	15.84	4.80	-4.52	16.11	33.01
	1908.5	19185	V	26.80	4.75	-4.56	26.98	33.01
			H	12.02	4.75	-4.56	12.21	33.01
BAND 2 BW: 3M 16QAM RB: 1,0	1851.5	18615	V	28.28	4.84	-4.49	28.63	33.01
			H	17.12	4.84	-4.49	17.47	33.01
	1880.0	18900	V	28.76	4.80	-4.52	29.03	33.01
			H	16.89	4.80	-4.52	17.16	33.01
	1908.5	19185	V	28.43	4.75	-4.56	28.62	33.01
			H	13.30	4.75	-4.56	13.49	33.01
BAND 2 BW: 3M 16QAM RB: 1,14	1851.5	18615	V	28.75	4.84	-4.49	29.11	33.01
			H	16.48	4.84	-4.49	16.83	33.01
	1880.0	18900	V	28.43	4.79	-4.53	28.69	33.01
			H	16.63	4.79	-4.53	16.90	33.01
	1908.5	19185	V	27.37	4.75	-4.56	27.55	33.01
			H	11.49	4.75	-4.56	11.68	33.01

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 2 BW: 5M QPSK RB: 1,0	1852.5	18625	V	28.50	4.84	-4.49	28.86	33.01
			H	16.52	4.84	-4.49	16.87	33.01
	1880.0	18900	V	29.02	4.80	-4.52	29.29	33.01
			H	16.10	4.80	-4.52	16.37	33.01
	1907.5	19175	V	27.28	4.75	-4.56	27.47	33.01
			H	12.40	4.75	-4.56	12.59	33.01
BAND 2 BW: 5M QPSK RB: 1,24	1852.5	18625	V	28.17	4.84	-4.49	28.52	33.01
			H	15.73	4.84	-4.49	16.08	33.01
	1880.0	18900	V	28.63	4.79	-4.53	28.89	33.01
			H	15.73	4.79	-4.53	16.00	33.01
	1907.5	19175	V	26.90	4.75	-4.56	27.08	33.01
			H	11.06	4.75	-4.56	11.24	33.01
BAND 2 BW: 5M 16QAM RB: 1,0	1852.5	18625	V	28.35	4.84	-4.49	28.70	33.01
			H	17.19	4.84	-4.49	17.54	33.01
	1880.0	18900	V	28.78	4.79	-4.53	29.04	33.01
			H	16.93	4.80	-4.52	17.21	33.01
	1907.5	19175	V	27.74	4.75	-4.56	27.94	33.01
			H	12.68	4.75	-4.56	12.87	33.01
BAND 2 BW: 5M 16QAM RB: 1,24	1852.5	18625	V	28.61	4.84	-4.49	28.96	33.01
			H	16.17	4.84	-4.49	16.52	33.01
	1880.0	18900	V	28.17	4.79	-4.53	28.44	33.01
			H	16.26	4.79	-4.53	16.53	33.01
	1907.5	19175	V	27.47	4.75	-4.56	27.65	33.01
			H	11.74	4.75	-4.56	11.92	33.01

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 2 BW: 10M QPSK RB: 1,0	1855.0	18650	V	28.09	4.84	-4.49	28.44	33.01
			H	16.27	4.84	-4.49	16.62	33.01
	1880.0	18900	V	27.84	4.80	-4.52	28.12	33.01
			H	16.28	4.80	-4.52	16.56	33.01
	1905.0	19150	V	25.81	4.76	-4.55	26.02	33.01
			H	10.94	4.76	-4.56	11.14	33.01
BAND 2 BW: 10M QPSK RB: 1,49	1855.0	18650	V	28.21	4.83	-4.50	28.54	33.01
			H	15.61	4.83	-4.50	15.94	33.01
	1880.0	18900	V	28.05	4.79	-4.53	28.31	33.01
			H	15.10	4.79	-4.53	15.36	33.01
	1905.0	19150	V	26.63	4.75	-4.56	26.82	33.01
			H	10.64	4.75	-4.56	10.83	33.01
BAND 2 BW: 10M 16QAM RB: 1,0	1855.0	18650	V	28.91	4.84	-4.49	29.26	33.01
			H	16.71	4.84	-4.49	17.06	33.01
	1880.0	18900	V	28.67	4.80	-4.52	28.96	33.01
			H	17.02	4.80	-4.52	17.30	33.01
	1905.0	19150	V	26.24	4.76	-4.55	26.45	33.01
			H	11.25	4.76	-4.55	11.46	33.01
BAND 2 BW: 10M 16QAM RB: 1,49	1855.0	18650	V	28.60	4.83	-4.50	28.94	33.01
			H	16.01	4.83	-4.50	16.35	33.01
	1880.0	18900	V	28.27	4.79	-4.53	28.53	33.01
			H	15.36	4.79	-4.53	15.62	33.01
	1905.0	19150	V	27.21	4.75	-4.56	27.39	33.01
			H	11.45	4.75	-4.56	11.63	33.01

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 2 BW: 15M QPSK RB: 1,0	1857.5	18675	V	28.22	4.84	-4.49	28.57	33.01
			H	16.15	4.84	-4.49	16.50	33.01
	1880.0	18900	V	28.95	4.81	-4.52	29.24	33.01
			H	16.69	4.81	-4.52	16.98	33.01
	1902.5	19125	V	26.05	4.77	-4.55	26.28	33.01
			H	10.85	4.77	-4.55	11.07	33.01
BAND 2 BW: 15M QPSK RB: 1,74	1857.5	18675	V	28.74	4.82	-4.50	29.06	33.01
			H	16.14	4.82	-4.50	16.46	33.01
	1880.0	18900	V	28.69	4.79	-4.53	28.95	33.01
			H	14.30	4.79	-4.53	14.55	33.01
	1902.5	19125	V	26.95	4.75	-4.56	27.14	33.01
			H	11.32	4.75	-4.56	11.50	33.01
BAND 2 BW: 15M 16QAM RB: 1,0	1857.5	18675	V	28.15	4.84	-4.49	28.50	33.01
			H	17.09	4.84	-4.49	17.44	33.01
	1880.0	18900	V	28.81	4.81	-4.52	29.10	33.01
			H	17.53	4.81	-4.52	17.83	33.01
	1902.5	19125	V	26.44	4.77	-4.55	26.67	33.01
			H	11.22	4.77	-4.54	11.44	33.01
BAND 2 BW: 15M 16QAM RB: 1,74	1857.5	18675	V	28.61	4.82	-4.50	28.93	33.01
			H	16.90	4.82	-4.50	17.22	33.01
	1880.0	18900	V	28.88	4.79	-4.53	29.14	33.01
			H	15.17	4.78	-4.54	15.41	33.01
	1902.5	19125	V	27.49	4.75	-4.56	27.68	33.01
			H	11.96	4.75	-4.56	12.14	33.01

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 2 BW: 20M QPSK RB: 1,0	1860.0	18700	V	28.22	4.84	-4.49	28.58	33.01
			H	16.16	4.84	-4.49	16.51	33.01
	1880.0	18900	V	28.67	4.81	-4.51	28.97	33.01
			H	16.87	4.81	-4.52	17.16	33.01
	1900.0	19100	V	26.82	4.77	-4.54	27.05	33.01
			H	12.72	4.77	-4.54	12.95	33.01
BAND 2 BW: 20M QPSK RB: 1,99	1860.0	18700	V	28.28	4.81	-4.51	28.58	33.01
			H	16.81	4.81	-4.51	17.11	33.01
	1880.0	18900	V	27.72	4.78	-4.54	27.97	33.01
			H	13.87	4.78	-4.54	14.12	33.01
	1900.0	19100	V	26.83	4.75	-4.56	27.02	33.01
			H	11.82	4.75	-4.56	12.00	33.01
BAND 2 BW: 20M 16QAM RB: 1,0	1860.0	18700	V	28.11	4.84	-4.49	28.46	33.01
			H	17.05	4.84	-4.49	17.40	33.01
	1880.0	18900	V	28.47	4.81	-4.51	28.76	33.01
			H	17.88	4.81	-4.52	18.17	33.01
	1900.0	19100	V	27.30	4.77	-4.54	27.53	33.01
			H	13.19	4.77	-4.54	13.42	33.01
BAND 2 BW: 20M 16QAM RB: 1,99	1860.0	18700	V	28.33	4.81	-4.51	28.64	33.01
			H	17.92	4.81	-4.51	18.22	33.01
	1880.0	18900	V	28.42	4.78	-4.54	28.66	33.01
			H	14.61	4.78	-4.54	14.86	33.01
	1900.0	19100	V	27.53	4.75	-4.56	27.72	33.01
			H	12.54	4.75	-4.56	12.73	33.01

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 4 BW: 1.4M QPSK RB: 1,0	1710.7	19957	V	28.28	5.09	-4.29	29.08	30.00
			H	16.69	5.09	-4.29	17.49	30.00
	1732.5	20175	V	28.02	5.05	-4.32	28.75	30.00
			H	15.56	5.05	-4.32	16.29	30.00
	1754.3	20393	V	28.32	5.01	-4.37	28.96	30.00
			H	14.79	5.01	-4.37	15.43	30.00
BAND 4 BW: 1.4M QPSK RB: 1,5	1710.7	19957	V	28.06	5.08	-4.29	28.85	30.00
			H	16.27	5.09	-4.29	17.07	30.00
	1732.5	20175	V	28.14	5.05	-4.32	28.87	30.00
			H	15.79	5.04	-4.32	16.52	30.00
	1754.3	20393	V	28.25	5.01	-4.37	28.88	30.00
			H	13.88	5.01	-4.37	14.52	30.00
BAND 4 BW: 1.4M 16QAM RB: 1,0	1710.7	19957	V	27.74	5.09	-4.29	28.54	30.00
			H	17.04	5.09	-4.29	17.84	30.00
	1732.5	20175	V	27.75	5.05	-4.32	28.48	30.00
			H	16.30	5.05	-4.32	17.03	30.00
	1754.3	20393	V	28.48	5.01	-4.37	29.13	30.00
			H	15.96	5.01	-4.37	16.61	30.00
BAND 4 BW: 1.4M 16QAM RB: 1,5	1710.7	19957	V	28.26	5.08	-4.29	29.06	30.00
			H	17.50	5.09	-4.29	18.29	30.00
	1732.5	20175	V	28.36	5.04	-4.32	29.09	30.00
			H	17.05	5.04	-4.32	17.78	30.00
	1754.3	20393	V	27.98	5.01	-4.37	28.62	30.00
			H	14.96	5.01	-4.37	15.60	30.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 4 BW: 3M QPSK RB: 1,0	1711.5	19965	V	27.78	5.09	-4.29	28.58	30.00
			H	16.26	5.09	-4.29	17.06	30.00
	1732.5	20175	V	27.72	5.05	-4.31	28.45	30.00
			H	15.07	5.05	-4.31	15.81	30.00
	1753.5	20385	V	27.93	5.01	-4.37	28.57	30.00
			H	14.33	5.02	-4.36	14.98	30.00
BAND 4 BW: 3M QPSK RB: 1,14	1711.5	19965	V	27.41	5.08	-4.29	28.19	30.00
			H	15.39	5.09	-4.29	16.19	30.00
	1732.5	20175	V	28.50	5.04	-4.32	29.22	30.00
			H	16.03	5.04	-4.32	16.75	30.00
	1753.5	20385	V	27.95	5.01	-4.37	28.58	30.00
			H	13.82	5.01	-4.37	14.46	30.00
BAND 4 BW: 3M 16QAM RB: 1,0	1711.5	19965	V	28.67	5.09	-4.29	29.47	30.00
			H	17.01	5.09	-4.29	17.80	30.00
	1732.5	20175	V	28.31	5.05	-4.32	29.04	30.00
			H	15.67	5.05	-4.31	16.40	30.00
	1753.5	20385	V	19.90	5.01	-4.37	20.54	30.00
			H	14.30	5.01	-4.37	14.94	30.00
BAND 4 BW: 3M 16QAM RB: 1,14	1711.5	19965	V	28.22	5.09	-4.29	29.01	30.00
			H	2.63	5.09	-4.29	3.43	30.00
	1732.5	20175	V	19.01	5.04	-4.32	19.73	30.00
			H	10.85	5.05	-4.31	11.58	30.00
	1753.5	20385	V	28.49	5.01	-4.37	29.13	30.00
			H	15.12	5.01	-4.37	15.75	30.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 4 BW: 5M QPSK RB: 1,0	1712.5	19975	V	27.78	5.09	-4.29	28.58	30.00
			H	16.12	5.09	-4.29	16.92	30.00
	1732.5	20175	V	27.44	5.05	-4.31	28.18	30.00
			H	15.38	5.05	-4.31	16.12	30.00
	1752.5	20375	V	28.46	5.01	-4.37	29.10	30.00
			H	16.56	5.01	-4.37	17.20	30.00
BAND 4 BW: 5M QPSK RB: 1,24	1712.5	19975	V	27.13	5.08	-4.29	27.92	30.00
			H	14.94	5.08	-4.29	15.73	30.00
	1732.5	20175	V	28.06	5.04	-4.32	28.78	30.00
			H	16.46	5.04	-4.32	17.17	30.00
	1752.5	20375	V	28.30	5.01	-4.37	28.94	30.00
			H	14.50	5.01	-4.37	15.14	30.00
BAND 4 BW: 5M 16QAM RB: 1,0	1712.5	19975	V	27.72	5.09	-4.29	28.51	30.00
			H	17.08	5.09	-4.29	17.88	30.00
	1732.5	20175	V	28.07	5.05	-4.31	28.81	30.00
			H	16.05	5.05	-4.31	16.79	30.00
	1752.5	20375	V	28.09	5.01	-4.37	28.74	30.00
			H	16.85	5.01	-4.37	17.50	30.00
BAND 4 BW: 5M 16QAM RB: 1,24	1712.5	19975	V	27.91	5.08	-4.29	28.70	30.00
			H	15.78	5.08	-4.29	16.56	30.00
	1732.5	20175	V	27.91	5.04	-4.32	28.62	30.00
			H	17.34	5.04	-4.32	18.06	30.00
	1752.5	20375	V	28.14	5.01	-4.37	28.78	30.00
			H	15.84	5.01	-4.37	16.48	30.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 4 BW: 10M QPSK RB: 1,0	1715.0	20000	V	27.84	5.09	-4.29	28.64	30.00
			H	16.23	5.09	-4.29	17.03	30.00
	1732.0	20175	V	26.94	5.05	-4.31	27.69	30.00
			H	14.53	5.05	-4.31	15.27	30.00
	1750.0	20350	V	28.07	5.02	-4.35	28.74	30.00
			H	16.09	5.02	-4.35	16.76	30.00
BAND 4 BW: 10M QPSK RB: 1,49	1715.0	20000	V	26.43	5.08	-4.30	27.21	30.00
			H	13.33	5.08	-4.29	14.12	30.00
	1732.0	20175	V	27.91	5.04	-4.32	28.63	30.00
			H	17.69	5.04	-4.32	18.41	30.00
	1750.0	20350	V	28.23	5.01	-4.37	28.87	30.00
			H	14.95	5.01	-4.37	15.59	30.00
BAND 4 BW: 10M 16QAM RB: 1,0	1715.0	20000	V	28.07	5.09	-4.29	28.87	30.00
			H	17.44	5.09	-4.29	18.24	30.00
	1732.0	20175	V	27.60	5.05	-4.31	28.34	30.00
			H	15.21	5.05	-4.31	15.95	30.00
	1750.0	20350	V	28.70	5.02	-4.35	29.37	30.00
			H	17.02	5.02	-4.35	17.69	30.00
BAND 4 BW: 10M 16QAM RB: 1,49	1715.0	20000	V	26.83	5.08	-4.30	27.61	30.00
			H	13.89	5.07	-4.30	14.67	30.00
	1732.0	20175	V	28.66	5.04	-4.32	29.38	30.00
			H	17.90	5.04	-4.32	18.62	30.00
	1750.0	20350	V	28.60	5.01	-4.37	29.24	30.00
			H	15.92	5.01	-4.37	16.56	30.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
BAND 4 BW: 15M QPSK RB: 1,0	1717.5	20025	V	27.84	5.09	-4.29	28.64	30.00
			H	16.26	5.09	-4.29	17.06	30.00
	1732.5	20175	V	26.50	5.06	-4.30	27.26	30.00
			H	13.26	5.06	-4.30	14.02	30.00
	1747.5	20325	V	28.34	5.03	-4.34	29.03	30.00
			H	16.84	5.03	-4.34	17.53	30.00
BAND 4 BW: 15M QPSK RB: 1,74	1717.5	20025	V	26.11	5.06	-4.30	26.87	30.00
			H	12.85	5.06	-4.30	13.60	30.00
	1732.5	20175	V	28.37	5.03	-4.34	29.06	30.00
			H	17.06	5.03	-4.34	17.75	30.00
	1747.5	20325	V	28.42	5.01	-4.37	29.06	30.00
			H	14.78	5.01	-4.37	15.43	30.00
BAND 4 BW: 15M 16QAM RB: 1,0	1717.5	20025	V	27.79	5.09	-4.29	28.59	30.00
			H	17.15	5.09	-4.29	17.94	30.00
	1732.5	20175	V	17.03	5.06	-4.30	17.79	30.00
			H	13.98	5.06	-4.30	14.74	30.00
	1747.5	20325	V	28.47	5.03	-4.34	29.16	30.00
			H	17.76	5.03	-4.34	18.45	30.00
BAND 4 BW: 15M 16QAM RB: 1,74	1717.5	20025	V	26.55	5.06	-4.30	27.30	30.00
			H	13.27	5.06	-4.30	14.03	30.00
	1732.5	20175	V	28.37	5.03	-4.34	29.06	30.00
			H	17.91	5.03	-4.34	18.61	30.00
	1747.5	20325	V	28.84	5.01	-4.37	29.49	30.00
			H	15.86	5.01	-4.37	16.50	30.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
BAND 4 BW: 20M QPSK RB: 1,0	1720.0	20050	V	27.83	5.08	-4.29	28.62	30.00
			H	16.14	5.09	-4.29	16.93	30.00
	1732.5	20175	V	26.02	5.06	-4.30	26.78	30.00
			H	12.82	5.06	-4.30	13.58	30.00
	1745.0	20300	V	27.78	5.04	-4.33	28.50	30.00
			H	17.41	5.04	-4.33	18.12	30.00
BAND 4 BW: 20M QPSK RB: 1,99	1720.0	20050	V	27.21	5.06	-4.30	27.97	30.00
			H	14.75	5.06	-4.30	15.51	30.00
	1732.5	20175	V	28.37	5.03	-4.34	29.06	30.00
			H	16.69	5.04	-4.33	17.40	30.00
	1745.0	20300	V	28.12	5.01	-4.37	28.76	30.00
			H	15.21	5.01	-4.37	15.85	30.00
BAND 4 BW: 20M 16QAM RB: 1,0	1720.0	20050	V	27.77	5.08	-4.29	28.56	30.00
			H	17.07	5.08	-4.29	17.86	30.00
	1732.5	20175	V	26.53	5.06	-4.30	27.29	30.00
			H	13.28	5.06	-4.30	14.04	30.00
	1745.0	20300	V	28.60	5.04	-4.33	29.31	30.00
			H	18.14	5.04	-4.33	18.85	30.00
BAND 4 BW: 15M 16QAM RB: 1,99	1720.0	20050	V	27.68	5.06	-4.30	28.44	30.00
			H	15.28	5.06	-4.30	16.03	30.00
	1732.5	20175	V	28.24	5.04	-4.33	28.95	30.00
			H	17.42	5.04	-4.33	18.12	30.00
	1745.0	20300	V	28.24	5.01	-4.37	28.89	30.00
			H	15.27	5.01	-4.37	15.92	30.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
BAND 5 BW: 1.4M QPSK RB: 1,0	824.7	20407	V	21.30	3.46	-2.94	21.81	38.45
			H	15.89	3.46	-2.94	16.40	38.45
	836.5	20525	V	17.16	3.46	-2.97	17.65	38.45
			H	14.18	3.46	-2.97	14.67	38.45
	848.3	20643	V	16.13	3.47	-3.01	16.59	38.45
			H	14.34	3.47	-3.00	14.81	38.45
BAND 5 BW: 1.4M QPSK RB: 1,5	824.7	20407	V	20.91	3.46	-2.95	21.42	38.45
			H	15.13	3.46	-2.95	15.64	38.45
	836.5	20525	V	16.82	3.46	-2.97	17.31	38.45
			H	14.02	3.46	-2.97	14.51	38.45
	848.3	20643	V	18.08	3.47	-3.00	18.54	38.45
			H	15.72	3.47	-3.00	16.18	38.45
BAND 5 BW: 1.4M 16QAM RB: 1,0	824.7	20407	V	21.59	3.46	-2.94	22.10	38.45
			H	17.56	3.46	-2.94	18.08	38.45
	836.5	20525	V	21.88	3.46	-2.97	22.37	38.45
			H	15.88	3.46	-2.97	16.37	38.45
	848.3	20643	V	18.36	3.47	-3.01	18.82	38.45
			H	16.48	3.47	-3.00	16.95	38.45
BAND 5 BW: 1.4M 16QAM RB: 1,5	824.7	20407	V	21.48	3.46	-2.95	21.99	38.45
			H	17.63	3.46	-2.94	18.14	38.45
	836.5	20525	V	18.57	3.46	-2.97	19.06	38.45
			H	15.80	3.46	-2.97	16.29	38.45
	848.3	20643	V	19.15	3.47	-3.00	19.62	38.45
			H	16.87	3.47	-3.00	17.33	38.45

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
BAND 5 BW: 3M QPSK RB: 1,0	825.5	20415	V	21.50	3.46	-2.94	22.01	38.45
			H	13.70	3.46	-2.94	14.22	38.45
	836.5	20525	V	21.00	3.46	-2.97	21.49	38.45
			H	11.51	3.46	-2.97	12.00	38.45
	847.5	20635	V	21.77	3.47	-3.01	22.23	38.45
			H	11.03	3.47	-3.01	11.49	38.45
BAND 5 BW: 3M QPSK RB: 1,14	825.5	20415	V	21.54	3.46	-2.94	22.05	38.45
			H	13.97	3.46	-2.94	14.49	38.45
	836.5	20525	V	20.97	3.46	-2.97	21.46	38.45
			H	11.21	3.46	-2.97	11.70	38.45
	847.5	20635	V	21.72	3.47	-3.01	22.18	38.45
			H	9.95	3.47	-3.01	10.42	38.45
BAND 5 BW: 3M 16QAM RB: 1,0	825.5	20415	V	20.96	3.46	-2.94	21.47	38.45
			H	14.26	3.46	-2.94	14.78	38.45
	836.5	20525	V	21.58	3.46	-2.97	22.07	38.45
			H	12.09	3.46	-2.97	12.58	38.45
	847.5	20635	V	21.47	3.47	-3.01	21.94	38.45
			H	11.72	3.47	-3.01	12.18	38.45
BAND 5 BW: 3M 16QAM RB: 1,14	825.5	20415	V	21.22	3.46	-2.94	21.73	38.45
			H	14.32	3.46	-2.94	14.83	38.45
	836.5	20525	V	21.63	3.46	-2.97	22.12	38.45
			H	12.07	3.46	-2.97	12.56	38.45
	847.5	20635	V	21.41	3.47	-3.01	21.87	38.45
			H	11.72	3.47	-3.01	12.18	38.45

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
BAND 5 BW: 5M QPSK RB: 1,0	826.5	20425	V	21.60	3.46	-2.94	22.11	38.45
			H	14.02	3.46	-2.94	14.53	38.45
	836.5	20525	V	21.10	3.46	-2.96	21.59	38.45
			H	11.62	3.46	-2.97	12.11	38.45
	846.5	20625	V	20.75	3.46	-2.99	21.22	38.45
			H	10.57	3.46	-2.99	11.04	38.45
BAND 5 BW: 5M QPSK RB: 1,24	826.5	20425	V	21.57	3.46	-2.95	22.08	38.45
			H	13.85	3.46	-2.95	14.36	38.45
	836.5	20525	V	21.84	3.46	-2.98	22.32	38.45
			H	11.10	3.46	-2.98	11.58	38.45
	846.5	20625	V	21.38	3.47	-3.00	21.84	38.45
			H	10.79	3.47	-3.00	11.25	38.45
BAND 5 BW: 5M 16QAM RB: 1,0	826.5	20425	V	21.09	3.46	-2.94	21.61	38.45
			H	14.70	3.46	-2.94	15.21	38.45
	836.5	20525	V	21.65	3.46	-2.97	22.14	38.45
			H	12.33	3.46	-2.96	12.83	38.45
	846.5	20625	V	21.22	3.46	-2.99	21.69	38.45
			H	11.04	3.46	-2.99	11.52	38.45
BAND 5 BW: 5M 16QAM RB: 1,24	826.5	20425	V	21.35	3.46	-2.95	21.85	38.45
			H	14.91	3.46	-2.95	15.41	38.45
	836.5	20525	V	21.63	3.46	-2.98	22.11	38.45
			H	12.22	3.46	-2.98	12.71	38.45
	846.5	20625	V	21.32	3.47	-3.00	21.78	38.45
			H	11.93	3.47	-3.00	12.40	38.45

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
BAND 5 BW: 10M QPSK RB: 1,0	829.0	20450	V	21.59	3.46	-2.95	22.10	38.45
			H	15.12	3.46	-2.94	15.63	38.45
	836.5	20525	V	21.16	3.46	-2.97	21.65	38.45
			H	12.42	3.46	-2.97	12.91	38.45
	844.0	20600	V	21.86	3.46	-2.99	22.34	38.45
			H	11.24	3.46	-2.99	11.72	38.45
BAND 5 BW: 10M QPSK RB: 1,49	829.0	20450	V	21.02	3.46	-2.96	21.52	38.45
			H	11.87	3.46	-2.96	12.36	38.45
	836.5	20525	V	21.57	3.46	-2.98	22.05	38.45
			H	10.89	3.46	-2.99	11.36	38.45
	844.0	20600	V	21.62	3.47	-3.00	22.08	38.45
			H	10.99	3.47	-3.00	11.46	38.45
BAND 5 BW: 10M 16QAM RB: 1,0	829.0	20450	V	21.03	3.46	-2.95	21.54	38.45
			H	14.70	3.46	-2.94	15.22	38.45
	836.5	20525	V	21.65	3.46	-2.96	22.15	38.45
			H	13.08	3.46	-2.97	13.57	38.45
	844.0	20600	V	21.51	3.46	-2.99	21.98	38.45
			H	11.99	3.46	-2.99	12.47	38.45
BAND 5 BW: 10M 16QAM RB: 1,49	829.0	20450	V	21.53	3.46	-2.97	22.02	38.45
			H	12.53	3.46	-2.96	13.02	38.45
	836.5	20525	V	21.31	3.46	-2.98	21.79	38.45
			H	11.76	3.46	-2.99	12.24	38.45
	844.0	20600	V	21.36	3.47	-3.01	21.82	38.45
			H	11.85	3.47	-3.00	12.32	38.45

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
BAND 13 BW: 5M QPSK RB: 1,0	779.5	23205	V	22.39	3.38	-2.78	22.99	34.77
			H	14.08	3.37	-2.77	14.68	34.77
	782.0	23230	V	22.20	3.37	-2.77	22.80	34.77
			H	13.32	3.37	-2.77	13.92	34.77
	784.5	23255	V	22.58	3.38	-2.78	23.18	34.77
			H	12.85	3.39	-2.79	13.45	34.77
BAND 13 BW: 5M QPSK RB: 1,24	779.5	23205	V	22.48	3.38	-2.78	23.08	34.77
			H	12.83	3.39	-2.79	13.43	34.77
	782.0	23230	V	22.55	3.39	-2.79	23.15	34.77
			H	12.95	3.40	-2.80	13.55	34.77
	784.5	23255	V	22.37	3.39	-2.80	22.96	34.77
			H	12.86	3.40	-2.80	13.46	34.77
BAND 13 BW: 5M 16QAM RB: 1,0	779.5	23205	V	22.99	3.37	-2.77	23.59	34.77
			H	15.05	3.37	-2.77	15.65	34.77
	782.0	23230	V	22.27	3.38	-2.78	22.86	34.77
			H	13.86	3.37	-2.77	14.46	34.77
	784.5	23255	V	23.02	3.38	-2.78	23.61	34.77
			H	13.16	3.39	-2.80	13.75	34.77
BAND 13 BW: 5M 16QAM RB: 1,24	779.5	23205	V	22.13	3.38	-2.78	22.73	34.77
			H	15.08	3.38	-2.78	15.68	34.77
	782.0	23230	V	22.19	3.39	-2.79	22.78	34.77
			H	13.90	3.37	-2.77	14.50	34.77
	784.5	23255	V	23.04	3.40	-2.80	23.64	34.77
			H	13.18	3.39	-2.80	13.77	34.77

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
BAND 13 BW: 10M QPSK RB: 1,0	782.0	23230	V	22.64	3.37	-2.77	23.24	34.77
			H	14.13	3.38	-2.78	14.73	34.77
BAND 13 BW: 10M QPSK RB: 1,49	782.0	23230	V	22.62	3.39	-2.8	23.22	34.77
			H	12.93	3.39	-2.8	13.52	34.77
BAND 13 BW: 10M 16QAM RB: 1,0	782.0	23230	V	23.11	3.38	-2.78	23.71	34.77
			H	14.73	3.38	-2.78	15.33	34.77
BAND 13 BW: 10M 16QAM RB: 1,49	782.0	23230	V	22.13	3.39	-2.8	22.73	34.77
			H	13.63	3.4	-2.8	14.22	34.77

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
BAND 17 BW: 5M QPSK RB: 1,0	706.5	23755	V	19.87	3.37	-2.60	20.64	34.77
			H	15.63	3.37	-2.60	16.40	34.77
	710.0	23790	V	20.08	3.37	-2.60	20.85	34.77
			H	13.52	3.37	-2.60	14.29	34.77
	713.5	23825	V	19.89	3.36	-2.61	20.64	34.77
			H	13.57	3.35	-2.61	14.31	34.77
BAND 17 BW: 5M QPSK RB: 1,24	706.5	23755	V	20.18	3.37	-2.60	20.95	34.77
			H	13.74	3.37	-2.60	14.51	34.77
	710.0	23790	V	19.50	3.35	-2.61	20.24	34.77
			H	12.48	3.35	-2.61	13.22	34.77
	713.5	23825	V	19.84	3.35	-2.61	20.58	34.77
			H	9.69	3.35	-2.61	10.43	34.77
BAND 17 BW: 5M 16QAM RB: 1,0	706.5	23755	V	20.48	3.37	-2.60	21.25	34.77
			H	16.58	3.37	-2.60	17.35	34.77
	710.0	23790	V	20.60	3.37	-2.60	21.37	34.77
			H	14.39	3.37	-2.60	15.16	34.77
	713.5	23825	V	21.54	3.35	-2.61	22.29	34.77
			H	13.93	3.35	-2.61	14.68	34.77
BAND 17 BW: 5M 16QAM RB: 1,24	706.5	23755	V	20.92	3.37	-2.60	21.68	34.77
			H	14.34	3.37	-2.60	15.11	34.77
	710.0	23790	V	21.24	3.35	-2.61	21.99	34.77
			H	13.70	3.35	-2.61	14.44	34.77
	713.5	23825	V	20.60	3.35	-2.61	21.34	34.77
			H	11.04	3.35	-2.61	11.78	34.77

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
BAND 17 BW: 10M QPSK RB: 1,0	709.0	23780	V	20.18	3.37	-2.60	20.95	34.77
			H	15.59	3.37	-2.60	16.36	34.77
	710.0	23790	V	20.14	3.37	-2.60	20.91	34.77
			H	14.66	3.37	-2.60	15.43	34.77
	711.0	23800	V	20.07	3.37	-2.60	20.84	34.77
			H	14.19	3.36	-2.60	14.95	34.77
BAND 17 BW: 10M QPSK RB: 1,49	709.0	23780	V	19.98	3.36	-2.60	20.74	34.77
			H	11.40	3.35	-2.61	12.14	34.77
	710.0	23790	V	20.05	3.36	-2.61	20.80	34.77
			H	10.96	3.35	-2.61	11.70	34.77
	711.0	23800	V	20.03	3.35	-2.61	20.77	34.77
			H	9.83	3.35	-2.61	10.57	34.77
BAND 17 BW: 10M 16QAM RB: 1,0	709.0	23780	V	21.16	3.37	-2.60	21.93	34.77
			H	16.27	3.37	-2.60	17.04	34.77
	710.0	23790	V	20.70	3.37	-2.60	21.46	34.77
			H	15.46	3.37	-2.60	16.23	34.77
	711.0	23800	V	21.43	3.37	-2.60	22.20	34.77
			H	14.93	3.37	-2.60	15.70	34.77
BAND 17 BW: 10M 16QAM RB: 1,49	709.0	23780	V	20.84	3.36	-2.60	21.59	34.77
			H	13.08	3.35	-2.61	13.82	34.77
	710.0	23790	V	20.82	3.35	-2.61	21.57	34.77
			H	11.80	3.35	-2.61	12.55	34.77
	711.0	23800	V	20.64	3.35	-2.61	21.38	34.77
			H	11.16	3.35	-2.61	11.91	34.77

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 25 BW: 1.4M QPSK RB: 1,0	1850.7	26047	V	28.30	4.84	-4.49	28.65	33.00
			H	20.46	4.84	-4.49	20.81	33.00
	1882.5	26365	V	28.12	4.79	-4.53	28.38	33.00
			H	18.24	4.79	-4.53	18.50	33.00
	1914.3	26683	V	27.96	4.74	-4.57	28.13	33.00
			H	17.54	4.74	-4.57	17.71	33.00
BAND 25 BW: 1.4M QPSK RB: 1,5	1850.7	26047	V	28.94	4.84	-4.49	29.29	33.00
			H	20.33	4.84	-4.49	20.68	33.00
	1882.5	26365	V	29.07	4.79	-4.53	29.33	33.00
			H	18.12	4.79	-4.53	18.38	33.00
	1914.3	26683	V	27.96	4.74	-4.57	28.13	33.00
			H	17.41	4.74	-4.57	17.58	33.00
BAND 25 BW: 1.4M 16QAM RB: 1,0	1850.7	26047	V	29.86	4.84	-4.49	30.21	33.00
			H	21.55	4.84	-4.49	21.90	33.00
	1882.5	26365	V	29.12	4.79	-4.53	29.38	33.00
			H	19.27	4.79	-4.53	19.52	33.00
	1914.3	26683	V	28.48	4.74	-4.57	28.65	33.00
			H	18.20	4.74	-4.57	18.36	33.00
BAND 25 BW: 1.4M 16QAM RB: 1,5	1850.7	26047	V	29.12	4.84	-4.49	29.47	33.00
			H	21.33	4.84	-4.49	21.68	33.00
	1882.5	26365	V	29.91	4.79	-4.53	30.18	33.00
			H	19.00	4.79	-4.53	19.26	33.00
	1914.3	26683	V	30.07	4.74	-4.57	30.24	33.00
			H	18.15	4.74	-4.57	18.32	33.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 25 BW: 3M QPSK RB: 1,0	1851.5	26055	V	28.75	4.84	-4.49	29.10	33.00
			H	20.46	4.84	-4.49	20.81	33.00
	1882.5	26365	V	28.91	4.79	-4.53	29.17	33.00
			H	18.18	4.79	-4.53	18.44	33.00
	1913.5	26675	V	27.42	4.74	-4.57	27.59	33.00
			H	18.13	4.74	-4.57	18.30	33.00
BAND 25 BW: 3M QPSK RB: 1,14	1851.5	26055	V	28.73	4.84	-4.49	29.08	33.00
			H	19.90	4.84	-4.49	20.26	33.00
	1882.5	26365	V	28.68	4.79	-4.53	28.94	33.00
			H	17.84	4.79	-4.53	18.10	33.00
	1913.5	26675	V	27.97	4.74	-4.57	28.14	33.00
			H	17.58	4.74	-4.57	17.75	33.00
BAND 25 BW: 3M 16QAM RB: 1,0	1851.5	26055	V	29.19	4.84	-4.49	29.55	33.00
			H	21.27	4.84	-4.49	21.62	33.00
	1882.5	26365	V	29.65	4.79	-4.53	29.92	33.00
			H	19.03	4.79	-4.53	19.29	33.00
	1913.5	26675	V	27.64	4.74	-4.57	27.82	33.00
			H	18.43	4.74	-4.57	18.60	33.00
BAND 25 BW: 3M 16QAM RB: 1,14	1851.5	26055	V	29.39	4.84	-4.49	29.74	33.00
			H	20.58	4.84	-4.49	20.93	33.00
	1882.5	26365	V	29.43	4.79	-4.53	29.69	33.00
			H	18.55	4.79	-4.53	18.81	33.00
	1913.5	26675	V	28.65	4.74	-4.57	28.81	33.00
			H	18.43	4.74	-4.57	18.59	33.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 25 BW: 5M QPSK RB: 1,0	1852.5	26065	V	28.99	4.84	-4.49	29.35	33.00
			H	20.70	4.84	-4.49	21.05	33.00
	1882.5	26365	V	29.06	4.79	-4.53	29.32	33.00
			H	18.34	4.79	-4.53	18.60	33.00
	1912.5	26665	V	27.38	4.75	-4.56	27.56	33.00
			H	18.44	4.74	-4.57	18.61	33.00
BAND 25 BW: 5M QPSK RB: 1,24	1852.5	26065	V	28.28	4.84	-4.49	28.63	33.00
			H	19.86	4.84	-4.49	20.21	33.00
	1882.5	26365	V	28.87	4.79	-4.53	29.12	33.00
			H	17.58	4.79	-4.53	17.84	33.00
	1912.5	26665	V	27.94	4.74	-4.57	28.11	33.00
			H	17.77	4.74	-4.57	17.93	33.00
BAND 25 BW: 5M 16QAM RB: 1,0	1852.5	26065	V	29.11	4.84	-4.49	29.46	33.00
			H	21.46	4.84	-4.49	21.81	33.00
	1882.5	26365	V	29.83	4.70	-4.53	30.00	33.00
			H	19.14	4.79	-4.53	19.40	33.00
	1912.5	26665	V	27.86	4.75	-4.56	28.05	33.00
			H	18.91	4.75	-4.56	19.10	33.00
BAND 25 BW: 5M 16QAM RB: 1,24	1852.5	26065	V	28.70	4.84	-4.49	29.04	33.00
			H	20.29	4.84	-4.49	20.64	33.00
	1882.5	26365	V	29.62	4.79	-4.53	29.88	33.00
			H	18.35	4.79	-4.53	18.60	33.00
	1912.5	26665	V	28.67	4.74	-4.57	28.84	33.00
			H	18.48	4.74	-4.57	18.64	33.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 25 BW: 10M QPSK RB: 1,0	1855.0	26090	V	28.90	4.84	-4.49	29.25	33.00
			H	20.52	4.84	-4.49	20.87	33.00
	1882.5	26365	V	29.02	4.80	-4.52	29.30	33.00
			H	18.73	4.79	-4.53	18.99	33.00
	1910.0	26640	V	27.77	4.75	-4.56	27.96	33.00
			H	19.39	4.75	-4.56	19.58	33.00
BAND 25 BW: 10M QPSK RB: 1,49	1855.0	26090	V	27.94	4.83	-4.50	28.27	33.00
			H	19.23	4.83	-4.50	19.56	33.00
	1882.5	26365	V	28.93	4.78	-4.53	29.18	33.00
			H	17.39	4.78	-4.53	17.64	33.00
	1910.0	26640	V	28.06	4.74	-4.57	28.23	33.00
			H	17.88	4.74	-4.57	18.05	33.00
BAND 25 BW: 10M 16QAM RB: 1,0	1855.0	26090	V	29.41	4.84	-4.49	29.76	33.00
			H	20.84	4.84	-4.49	21.19	33.00
	1882.5	26365	V	29.52	4.79	-4.53	29.78	33.00
			H	19.18	4.79	-4.53	19.44	33.00
	1910.0	26640	V	28.25	4.75	-4.56	28.44	33.00
			H	19.69	4.75	-4.56	19.88	33.00
BAND 25 BW: 10M 16QAM RB: 1,49	1855.0	26090	V	28.14	4.83	-4.50	28.47	33.00
			H	19.51	4.83	-4.50	19.84	33.00
	1882.5	26365	V	29.45	4.78	-4.53	29.70	33.00
			H	18.33	4.78	-4.53	18.58	33.00
	1910.0	26640	V	28.64	4.74	-4.57	28.81	33.00
			H	18.51	4.74	-4.57	18.68	33.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 25 BW: 15M QPSK RB: 1,0	1857.5	26115	V	18.97	4.84	-4.49	19.32	33.00
			H	20.39	4.84	-4.49	20.74	33.00
	1882.5	26365	V	25.68	4.80	-4.52	25.96	33.00
			H	19.02	4.80	-4.52	19.29	33.00
	1907.5	26615	V	25.11	4.76	-4.56	25.31	33.00
			H	18.75	4.76	-4.56	18.95	33.00
BAND 25 BW: 15M QPSK RB: 1,74	1857.5	26115	V	25.10	4.82	-4.50	25.42	33.00
			H	19.55	4.82	-4.50	19.86	33.00
	1882.5	26365	V	25.73	4.78	-4.54	25.97	33.00
			H	17.48	4.78	-4.54	17.72	33.00
	1907.5	26615	V	24.77	4.74	-4.57	24.94	33.00
			H	17.95	4.74	-4.57	18.12	33.00
BAND 25 BW: 15M 16QAM RB: 1,0	1857.5	26115	V	27.70	4.84	-4.49	28.05	33.00
			H	21.01	4.84	-4.49	21.37	33.00
	1882.5	26365	V	26.50	4.80	-4.52	26.77	33.00
			H	19.99	4.80	-4.52	20.27	33.00
	1907.5	26615	V	25.38	4.76	-4.56	25.58	33.00
			H	19.05	4.76	-4.55	19.26	33.00
BAND 25 BW: 15M 16QAM RB: 1,74	1857.5	26115	V	25.72	4.82	-4.50	26.04	33.00
			H	20.14	4.82	-4.50	20.46	33.00
	1882.5	26365	V	26.45	4.78	-4.54	26.69	33.00
			H	18.23	4.78	-4.54	18.47	33.00
	1907.5	26615	V	25.56	4.74	-4.57	25.72	33.00
			H	18.67	4.74	-4.57	18.83	33.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 25 BW: 20M QPSK RB: 1,0	1860.0	26140	V	28.78	4.84	-4.49	29.13	33.00
			H	20.37	4.84	-4.49	20.72	33.00
	1882.5	26365	V	28.55	4.80	-4.52	28.83	33.00
			H	19.51	4.80	-4.52	19.79	33.00
	1905.0	26590	V	26.91	4.76	-4.55	27.12	33.00
			H	17.78	4.76	-4.55	17.99	33.00
BAND 25 BW: 20M QPSK RB: 1,99	1860.0	26140	V	27.83	4.81	-4.51	28.12	33.00
			H	19.90	4.81	-4.51	20.21	33.00
	1882.5	26365	V	28.17	4.78	-4.54	28.41	33.00
			H	17.40	4.77	-4.54	17.63	33.00
	1905.0	26590	V	27.93	4.74	-4.57	28.10	33.00
			H	18.09	4.74	-4.57	18.25	33.00
BAND 25 BW: 20M 16QAM RB: 1,0	1860.0	26140	V	29.29	4.84	-4.49	29.64	33.00
			H	20.74	4.84	-4.49	21.09	33.00
	1882.5	26365	V	29.21	4.80	-4.52	29.49	33.00
			H	20.00	4.80	-4.52	20.28	33.00
	1905.0	26590	V	27.27	4.77	-4.55	27.49	33.00
			H	18.15	4.76	-4.55	18.36	33.00
BAND 25 BW: 20M 16QAM RB: 1,99	1860.0	26140	V	28.73	4.82	-4.51	29.03	33.00
			H	20.85	4.81	-4.51	21.16	33.00
	1882.5	26365	V	28.67	4.77	-4.54	28.90	33.00
			H	17.89	4.77	-4.54	18.12	33.00
	1905.0	26590	V	28.63	4.74	-4.57	28.80	33.00
			H	18.73	4.74	-4.57	18.90	33.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW=300 KHz, VBW=1MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

*Antenna Part No.: TG.30.8111 Apex

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
GPRS 850	824.2	128	V	25.02	3.45	-2.94	25.54	38.45
			H	18.70	3.45	-2.94	19.22	38.45
	836.6	190	V	25.46	3.46	-2.97	25.94	38.45
			H	17.63	3.46	-2.97	18.12	38.45
	848.8	251	V	24.68	3.47	-3.01	25.14	38.45
			H	16.67	3.47	-3.01	17.13	38.45

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
EDGE 850	824.2	128	V	24.97	3.45	-2.94	25.48	38.45
			H	15.95	3.45	-2.94	16.47	38.45
	836.6	190	V	24.58	3.46	-2.97	25.07	38.45
			H	15.81	3.46	-2.97	16.30	38.45
	848.8	251	V	24.37	3.47	-3.01	24.84	38.45
			H	14.45	3.47	-3.01	14.91	38.45

Remark :

- (1) The RBW,VBW of SPA for frequency RBW=300 KHz, VBW=1MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
GPRS 1900	1850.2	512	V	25.28	4.84	-4.49	25.63	33.01
			H	14.97	4.84	-4.49	15.33	33.01
	1880.0	661	V	24.86	4.79	-4.53	25.13	33.01
			H	12.90	4.79	-4.53	13.17	33.01
	1909.8	810	V	26.91	4.74	-4.57	27.09	33.01
			H	15.57	4.74	-4.57	15.74	33.01

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
EDGE 1900	1850.2	512	V	23.20	4.84	-4.49	23.56	33.01
			H	14.16	4.84	-4.49	14.52	33.01
	1880.0	661	V	23.73	4.79	-4.53	24.00	33.01
			H	11.14	4.79	-4.53	11.41	33.01
	1909.8	810	V	25.06	4.74	-4.57	25.24	33.01
			H	12.72	4.74	-4.57	12.90	33.01

Remark :

- (1) The RBW,VBW of SPA for frequency RBW=300 KHz, VBW=1MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
WCDMA B2	1852.4	9262	V	21.88	4.84	-4.49	22.23	33.01
			H	9.60	4.84	-4.49	9.96	33.01
	1880.0	9400	V	19.82	4.79	-4.53	20.09	33.01
			H	7.05	4.79	-4.53	7.32	33.01
	1907.6	9538	V	22.35	4.75	-4.56	22.54	33.01
			H	8.26	4.75	-4.56	8.45	33.01

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
HSDPA B2	1852.4	9262	V	22.41	4.84	-4.49	22.76	33.01
			H	13.45	4.84	-4.49	13.79	33.01
	1880.0	9400	V	24.57	4.79	-4.53	24.84	33.01
			H	10.14	4.79	-4.53	10.41	33.01
	1907.6	9538	V	23.68	4.75	-4.56	23.87	33.01
			H	12.60	4.75	-4.56	12.79	33.01

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
HSUPA B2	1852.4	9262	V	23.31	4.84	-4.49	23.66	33.01
			H	10.61	4.84	-4.49	10.96	33.01
	1880.0	9400	V	21.84	4.79	-4.53	22.11	33.01
			H	8.47	4.79	-4.53	8.73	33.01
	1907.6	9538	V	23.32	4.75	-4.56	23.51	33.01
			H	11.30	4.75	-4.56	11.48	33.01

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 5MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
WCDMA B4	1712.4	1312	V	20.20	5.09	-4.29	21.00	30.00
			H	16.11	5.09	-4.29	16.91	30.00
	1732.6	1413	V	23.60	5.05	-4.31	24.34	30.00
			H	18.17	5.05	-4.31	18.91	30.00
	1752.6	1513	V	17.70	5.01	-4.37	18.35	30.00
			H	18.04	5.01	-4.37	18.68	30.00

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
HSDPA B4	1712.4	1312	V	23.89	5.09	-4.29	24.69	30.00
			H	20.12	5.08	-4.29	20.90	30.00
	1732.6	1413	V	25.13	5.05	-4.31	25.86	30.00
			H	23.26	5.05	-4.31	24.00	30.00
	1752.6	1513	V	25.80	5.01	-4.37	26.45	30.00
			H	21.65	5.01	-4.37	22.30	30.00

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
HSUPA B4	1712.4	1312	V	23.27	5.08	-4.29	24.06	30.00
			H	18.30	5.09	-4.29	19.09	30.00
	1732.6	1413	V	25.69	5.05	-4.31	26.43	30.00
			H	21.51	5.05	-4.31	22.25	30.00
	1752.6	1513	V	21.38	5.01	-4.37	22.02	30.00
			H	20.61	5.01	-4.37	21.26	30.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 5MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
WCDMA B5	826.4	4132	V	20.77	3.46	-2.94	21.28	38.45
			H	9.42	3.46	-2.94	9.93	38.45
	836.6	4183	V	20.46	3.46	-2.97	20.95	38.45
			H	8.62	3.46	-2.98	9.11	38.45
	846.6	4233	V	19.71	3.47	-3.00	20.18	38.45
			H	8.13	3.47	-3.00	8.60	38.45

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
HSDPA B5	826.4	4132	V	20.85	3.46	-2.95	21.36	38.45
			H	13.70	3.46	-2.94	14.22	38.45
	836.6	4183	V	19.89	3.46	-2.97	20.38	38.45
			H	13.22	3.46	-2.98	13.70	38.45
	846.6	4233	V	20.20	3.47	-3.00	20.66	38.45
			H	13.98	3.47	-3.00	14.45	38.45

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
HSUPA B5	826.4	4132	V	20.21	3.46	-2.95	20.72	38.45
			H	11.34	3.46	-2.95	11.85	38.45
	836.6	4183	V	20.22	3.46	-2.97	20.71	38.45
			H	10.73	3.46	-2.98	11.22	38.45
	846.6	4233	V	20.44	3.47	-3.00	20.91	38.45
			H	11.02	3.47	-3.00	11.49	38.45

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 5MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
CDMA BC0	824.7	1013	V	20.21	3.45	-2.94	20.72	38.45
			H	10.12	3.45	-2.94	10.63	38.45
	836.52	384	V	21.17	3.46	-2.97	21.66	38.45
			H	8.34	3.46	-2.97	8.83	38.45
	848.31	777	V	20.25	3.47	-3.00	20.71	38.45
			H	7.77	3.47	-3.00	8.23	38.45

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
EVDO 2000 BC0	824.7	1013	V	20.33	3.45	-2.94	20.85	38.45
			H	8.09	3.45	-2.94	8.60	38.45
	836.52	384	V	19.52	3.46	-2.97	20.01	38.45
			H	6.48	3.46	-2.97	6.96	38.45
	848.31	777	V	19.27	3.47	-3.00	19.73	38.45
			H	5.75	3.47	-3.00	6.21	38.45

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 5MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
CDMA BC1	1851.25	25	V	24.58	4.84	-4.49	24.94	33.00
			H	14.24	4.84	-4.49	14.60	33.00
	1880.0	600	V	24.78	4.79	-4.53	25.05	33.00
			H	16.07	4.79	-4.53	16.34	33.00
	1908.75	1175	V	24.42	4.75	-4.56	24.60	33.00
			H	15.16	4.75	-4.56	15.34	33.00

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
EVDO 2000 BC1	1851.25	25	V	23.90	4.84	-4.49	24.26	33.00
			H	10.81	4.84	-4.49	11.17	33.00
	1880.0	600	V	19.60	4.79	-4.53	19.87	33.00
			H	14.02	4.79	-4.53	14.29	33.00
	1908.75	1175	V	24.00	4.75	-4.56	24.18	33.00
			H	9.63	4.75	-4.56	9.81	33.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 5MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
CDMA BC10	817.9	476	V	20.49	3.45	-2.92	21.02	50.00
			H	8.47	3.45	-2.92	9.00	50.00
	820.5	580	V	20.04	3.45	-2.93	20.56	50.00
			H	8.10	3.45	-2.93	8.62	50.00
	823.1	684	V	19.81	3.45	-2.93	20.33	50.00
			H	7.67	3.45	-2.93	8.19	50.00

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
EVDO 2000 BC10	817.9	476	V	19.75	3.45	-2.92	20.29	50.00
			H	7.39	3.45	-2.92	7.93	50.00
	820.5	580	V	19.28	3.45	-2.93	19.81	50.00
			H	5.81	3.45	-2.92	6.34	50.00
	823.1	684	V	17.58	3.45	-2.93	18.11	50.00
			H	3.32	3.45	-2.93	3.84	50.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 5MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 2 BW: 1.4M QPSK RB: 1,0	1850.7	18607	V	14.14	4.84	-4.49	14.50	33.01
			H	8.95	4.84	-4.49	9.31	33.01
	1880.0	18900	V	17.80	4.80	-4.52	18.08	33.01
			H	14.73	4.80	-4.52	15.01	33.01
	1909.3	19193	V	11.42	4.75	-4.56	11.60	33.01
			H	10.78	4.75	-4.56	10.97	33.01
BAND 2 BW: 1.4M QPSK RB: 1,5	1850.7	18607	V	13.34	4.84	-4.49	13.70	33.01
			H	8.02	4.84	-4.49	8.37	33.01
	1880.0	18900	V	19.79	4.79	-4.53	20.06	33.01
			H	14.51	4.79	-4.53	14.77	33.01
	1909.3	19193	V	10.82	4.75	-4.56	11.01	33.01
			H	9.72	4.75	-4.56	9.91	33.01
BAND 2 BW: 1.4M 16QAM RB: 1,0	1850.7	18607	V	14.71	4.84	-4.49	15.07	33.01
			H	9.79	4.84	-4.49	10.14	33.01
	1880.0	18900	V	18.38	4.80	-4.52	18.65	33.01
			H	15.23	4.80	-4.52	15.50	33.01
	1909.3	19193	V	11.71	4.75	-4.56	11.90	33.01
			H	11.21	4.75	-4.56	11.39	33.01
BAND 2 BW: 1.4M 16QAM RB: 1,5	1850.7	18607	V	14.18	4.84	-4.49	14.53	33.01
			H	8.80	4.84	-4.49	9.16	33.01
	1880.0	18900	V	18.17	4.79	-4.53	18.44	33.01
			H	15.23	4.80	-4.52	15.50	33.01
	1909.3	19193	V	11.21	4.75	-4.56	11.40	33.01
			H	10.71	4.75	-4.56	10.89	33.01

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 2 BW: 3M QPSK RB: 1,0	1851.5	18615	V	18.97	4.84	-4.49	19.32	33.01
			H	12.88	4.84	-4.49	13.23	33.01
	1880.0	18900	V	19.49	4.80	-4.52	19.77	33.01
			H	14.25	4.79	-4.53	14.51	33.01
	1908.5	19185	V	17.19	4.75	-4.56	17.38	33.01
			H	14.25	4.75	-4.56	14.44	33.01
BAND 2 BW: 3M QPSK RB: 1,14	1851.5	18615	V	19.66	4.84	-4.49	20.01	33.01
			H	12.23	4.84	-4.49	12.59	33.01
	1880.0	18900	V	18.92	4.79	-4.53	19.18	33.01
			H	14.07	4.79	-4.53	14.34	33.01
	1908.5	19185	V	17.71	4.75	-4.56	17.90	33.01
			H	14.65	4.75	-4.56	14.84	33.01
BAND 2 BW: 3M 16QAM RB: 1,0	1851.5	18615	V	18.71	4.84	-4.49	19.06	33.01
			H	13.55	4.84	-4.49	13.90	33.01
	1880.0	18900	V	19.52	4.80	-4.52	19.80	33.01
			H	14.89	4.80	-4.52	15.16	33.01
	1908.5	19185	V	17.80	4.75	-4.56	17.99	33.01
			H	14.70	4.75	-4.56	14.88	33.01
BAND 2 BW: 3M 16QAM RB: 1,14	1851.5	18615	V	19.30	4.84	-4.49	19.65	33.01
			H	12.93	4.84	-4.49	13.28	33.01
	1880.0	18900	V	19.59	4.79	-4.53	19.85	33.01
			H	14.85	4.79	-4.53	15.12	33.01
	1908.5	19185	V	18.44	4.75	-4.56	18.62	33.01
			H	14.95	4.75	-4.56	15.14	33.01

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 2 BW: 5M QPSK RB: 1,0	1852.5	18625	V	19.38	4.84	-4.49	19.73	33.01
			H	13.06	4.84	-4.49	13.41	33.01
	1880.0	18900	V	18.94	4.79	-4.53	19.20	33.01
			H	13.93	4.79	-4.53	14.20	33.01
	1907.5	19175	V	17.04	4.75	-4.56	17.24	33.01
			H	14.18	4.75	-4.56	14.37	33.01
BAND 2 BW: 5M QPSK RB: 1,24	1852.5	18625	V	18.90	4.84	-4.49	19.25	33.01
			H	12.05	4.84	-4.49	12.40	33.01
	1880.0	18900	V	18.17	4.79	-4.53	18.43	33.01
			H	13.81	4.79	-4.53	14.08	33.01
	1907.5	19175	V	7.95	4.75	-4.56	8.13	33.01
			H	14.73	4.75	-4.56	14.91	33.01
BAND 2 BW: 5M 16QAM RB: 1,0	1852.5	18625	V	18.77	4.84	-4.49	19.13	33.01
			H	13.58	4.84	-4.49	13.93	33.01
	1880.0	18900	V	19.78	4.79	-4.53	20.05	33.01
			H	14.54	4.79	-4.53	14.81	33.01
	1907.5	19175	V	17.40	4.75	-4.56	17.59	33.01
			H	14.63	4.75	-4.56	14.81	33.01
BAND 2 BW: 5M 16QAM RB: 1,24	1852.5	18625	V	19.36	4.84	-4.49	19.71	33.01
			H	12.62	4.84	-4.49	12.97	33.01
	1880.0	18900	V	19.15	4.79	-4.53	19.42	33.01
			H	14.71	4.79	-4.53	14.97	33.01
	1907.5	19175	V	18.72	4.75	-4.56	18.90	33.01
			H	15.34	4.75	-4.56	15.53	33.01

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 2 BW: 10M QPSK RB: 1,0	1855.0	18650	V	18.97	4.84	-4.49	19.32	33.01
			H	12.72	4.84	-4.49	13.08	33.01
	1880.0	18900	V	18.06	4.80	-4.52	18.33	33.01
			H	12.37	4.80	-4.52	12.66	33.01
	1905.0	19150	V	17.96	4.76	-4.56	18.17	33.01
			H	15.18	4.76	-4.56	15.38	33.01
BAND 2 BW: 10M QPSK RB: 1,49	1855.0	18650	V	19.03	4.83	-4.50	19.36	33.01
			H	10.52	4.83	-4.50	10.85	33.01
	1880.0	18900	V	17.44	4.79	-4.53	17.70	33.01
			H	13.67	4.79	-4.53	13.93	33.01
	1905.0	19150	V	18.15	4.75	-4.56	18.34	33.01
			H	14.87	4.75	-4.56	15.05	33.01
BAND 2 BW: 10M 16QAM RB: 1,0	1855.0	18650	V	19.09	4.84	-4.49	19.44	33.01
			H	12.97	4.84	-4.49	13.32	33.01
	1880.0	18900	V	18.37	4.80	-4.52	18.65	33.01
			H	12.71	4.80	-4.52	12.98	33.01
	1905.0	19150	V	18.77	4.76	-4.56	18.97	33.01
			H	15.78	4.76	-4.56	15.98	33.01
BAND 2 BW: 10M 16QAM RB: 1,49	1855.0	18650	V	19.22	4.83	-4.5	19.56	33.01
			H	10.73	4.83	-4.5	11.06	33.01
	1880.0	18900	V	18.02	4.79	-4.53	18.27	33.01
			H	14.35	4.79	-4.53	14.61	33.01
	1905.0	19150	V	18.14	4.75	-4.56	18.32	33.01
			H	14.88	4.75	-4.56	15.06	33.01

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 2 BW: 15M QPSK RB: 1,0	1857.5	18675	V	18.80	4.84	-4.49	19.14	33.01
			H	12.83	4.84	-4.49	13.18	33.01
	1880.0	18900	V	17.15	4.81	-4.52	17.44	33.01
			H	11.03	4.80	-4.52	11.31	33.01
	1902.5	19125	V	7.14	4.76	-4.55	7.36	33.01
			H	14.82	4.77	-4.55	15.04	33.01
BAND 2 BW: 15M QPSK RB: 1,74	1857.5	18675	V	17.77	4.82	-4.50	18.09	33.01
			H	10.01	4.82	-4.50	10.33	33.01
	1880.0	18900	V	17.09	4.78	-4.53	17.34	33.01
			H	13.88	4.78	-4.54	14.13	33.01
	1902.5	19125	V	17.92	4.75	-4.56	18.10	33.01
			H	14.66	4.75	-4.56	14.85	33.01
BAND 2 BW: 15M 16QAM RB: 1,0	1857.5	18675	V	18.93	4.84	-4.49	19.28	33.01
			H	12.86	4.84	-4.49	13.21	33.01
	1880.0	18900	V	17.50	4.81	-4.52	17.79	33.01
			H	11.41	4.80	-4.52	11.69	33.01
	1902.5	19125	V	17.95	4.77	-4.55	18.17	33.01
			H	15.31	4.77	-4.55	15.53	33.01
BAND 2 BW: 15M 16QAM RB: 1,74	1857.5	18675	V	18.15	4.82	-4.50	18.47	33.01
			H	10.18	4.82	-4.50	10.50	33.01
	1880.0	18900	V	17.60	4.78	-4.54	17.85	33.01
			H	14.24	4.79	-4.53	14.49	33.01
	1902.5	19125	V	18.02	4.75	-4.56	18.20	33.01
			H	14.71	4.75	-4.56	14.90	33.01

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 2 BW: 20M QPSK RB: 1,0	1860.0	18700	V	18.80	4.84	-4.49	19.16	33.01
			H	12.73	4.84	-4.49	13.09	33.01
	1880.0	18900	V	17.80	4.81	-4.51	18.10	33.01
			H	11.10	4.81	-4.52	11.39	33.01
	1900.0	19100	V	17.33	4.77	-4.54	17.56	33.01
			H	14.77	4.77	-4.54	15.00	33.01
BAND 2 BW: 20M QPSK RB: 1,99	1860.0	18700	V	18.85	4.81	-4.51	19.15	33.01
			H	11.77	4.82	-4.51	12.08	33.01
	1880.0	18900	V	17.68	4.78	-4.54	17.92	33.01
			H	4.68	4.78	-4.54	4.92	33.01
	1900.0	19100	V	18.00	4.75	-4.56	18.19	33.01
			H	15.01	4.75	-4.56	15.20	33.01
BAND 2 BW: 20M 16QAM RB: 1,0	1860.0	18700	V	19.04	4.84	-4.49	19.39	33.01
			H	12.82	4.84	-4.49	13.17	33.01
	1880.0	18900	V	17.96	4.81	-4.51	18.26	33.01
			H	11.35	4.81	-4.52	11.64	33.01
	1900.0	19100	V	17.81	4.77	-4.54	18.03	33.01
			H	15.36	4.78	-4.54	15.60	33.01
BAND 2 BW: 20M 16QAM RB: 1,99	1860.0	18700	V	19.45	4.81	-4.51	19.76	33.01
			H	12.02	4.81	-4.51	12.32	33.01
	1880.0	18900	V	18.07	4.78	-4.54	18.31	33.01
			H	15.15	4.78	-4.54	15.40	33.01
	1900.0	19100	V	18.44	4.75	-4.56	18.63	33.01
			H	15.18	4.75	-4.56	15.37	33.01

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 4 BW: 1.4M QPSK RB: 1,0	1710.7	19957	V	19.30	5.09	-4.29	20.09	30.00
			H	16.46	5.09	-4.29	17.26	30.00
	1732.5	20175	V	18.16	5.05	-4.32	18.89	30.00
			H	17.71	5.05	-4.32	18.43	30.00
	1754.3	20393	V	18.32	5.01	-4.37	18.96	30.00
			H	16.24	5.01	-4.37	16.88	30.00
BAND 4 BW: 1.4M QPSK RB: 1,5	1710.7	19957	V	18.80	5.09	-4.29	19.60	30.00
			H	16.31	5.09	-4.29	17.11	30.00
	1732.5	20175	V	17.99	5.05	-4.32	18.71	30.00
			H	17.51	5.04	-4.32	18.24	30.00
	1754.3	20393	V	17.96	5.01	-4.37	18.61	30.00
			H	15.94	5.01	-4.37	16.58	30.00
BAND 4 BW: 1.4M 16QAM RB: 1,0	1710.7	19957	V	18.95	5.09	-4.29	19.74	30.00
			H	17.26	5.09	-4.29	18.06	30.00
	1732.5	20175	V	18.26	5.05	-4.32	18.99	30.00
			H	17.83	5.05	-4.32	18.56	30.00
	1754.3	20393	V	19.03	5.01	-4.37	19.67	30.00
			H	16.94	5.01	-4.37	17.58	30.00
BAND 4 BW: 1.4M 16QAM RB: 1,5	1710.7	19957	V	19.45	5.09	-4.29	20.25	30.00
			H	16.89	5.08	-4.29	17.68	30.00
	1732.5	20175	V	18.15	5.05	-4.32	18.88	30.00
			H	17.61	5.05	-4.31	18.35	30.00
	1754.3	20393	V	18.53	5.01	-4.37	19.17	30.00
			H	16.41	5.01	-4.37	17.06	30.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 4 BW: 3M QPSK RB: 1,0	1711.5	19965	V	19.59	5.09	-4.29	20.39	30.00
			H	16.54	5.09	-4.29	17.34	30.00
	1732.5	20175	V	17.98	5.05	-4.31	18.72	30.00
			H	17.98	5.05	-4.31	18.71	30.00
	1753.5	20385	V	18.61	5.01	-4.37	19.25	30.00
			H	17.09	5.01	-4.37	17.73	30.00
BAND 4 BW: 3M QPSK RB: 1,14	1711.5	19965	V	19.00	5.09	-4.29	19.80	30.00
			H	16.56	5.09	-4.29	17.36	30.00
	1732.5	20175	V	17.52	5.04	-4.32	18.24	30.00
			H	17.36	5.04	-4.32	18.09	30.00
	1753.5	20385	V	17.21	5.01	-4.37	17.85	30.00
			H	15.80	5.01	-4.37	16.44	30.00
BAND 4 BW: 3M 16QAM RB: 1,0	1711.5	19965	V	19.36	5.09	-4.29	20.15	30.00
			H	17.34	5.09	-4.29	18.14	30.00
	1732.5	20175	V	18.14	5.05	-4.31	18.87	30.00
			H	18.07	5.05	-4.32	18.80	30.00
	1753.5	20385	V	19.35	5.01	-4.37	19.98	30.00
			H	17.73	5.01	-4.37	18.37	30.00
BAND 4 BW: 3M 16QAM RB: 1,14	1711.5	19965	V	19.37	5.09	-4.29	20.17	30.00
			H	16.63	5.09	-4.29	17.43	30.00
	1732.5	20175	V	17.55	5.05	-4.31	18.29	30.00
			H	17.40	5.04	-4.32	18.12	30.00
	1753.5	20385	V	17.83	5.01	-4.37	18.47	30.00
			H	16.46	5.01	-4.37	17.10	30.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 4 BW: 5M QPSK RB: 1,0	1712.5	19975	V	18.65	5.09	-4.29	19.45	30.00
			H	16.67	5.09	-4.29	17.47	30.00
	1732.5	20175	V	18.46	5.05	-4.31	19.20	30.00
			H	18.47	5.05	-4.31	19.21	30.00
	1752.5	20375	V	19.69	5.01	-4.37	20.33	30.00
			H	18.13	5.01	-4.37	18.78	30.00
BAND 4 BW: 5M QPSK RB: 1,24	1712.5	19975	V	19.40	5.08	-4.29	20.19	30.00
			H	16.81	5.08	-4.29	17.60	30.00
	1732.5	20175	V	17.71	5.04	-4.32	18.43	30.00
			H	17.49	5.04	-4.32	18.21	30.00
	1752.5	20375	V	17.35	5.01	-4.37	17.99	30.00
			H	16.10	5.01	-4.37	16.74	30.00
BAND 4 BW: 5M 16QAM RB: 1,0	1712.5	19975	V	19.51	5.09	-4.29	20.31	30.00
			H	17.56	5.09	-4.29	18.36	30.00
	1732.5	20175	V	19.68	5.05	-4.31	20.42	30.00
			H	18.65	5.05	-4.31	19.39	30.00
	1752.5	20375	V	19.51	5.01	-4.37	20.16	30.00
			H	18.82	5.01	-4.37	19.46	30.00
BAND 4 BW: 5M 16QAM RB: 1,24	1712.5	19975	V	18.69	5.08	-4.29	19.48	30.00
			H	17.12	5.09	-4.29	17.91	30.00
	1732.5	20175	V	17.79	5.04	-4.32	18.50	30.00
			H	17.49	5.04	-4.32	18.21	30.00
	1752.5	20375	V	17.98	5.01	-4.37	18.62	30.00
			H	6.72	5.01	-4.37	7.37	30.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 4 BW: 10M QPSK RB: 1,0	1715.0	20000	V	19.46	5.09	-4.29	20.26	30.00
			H	16.60	5.09	-4.29	17.39	30.00
	1732.0	20175	V	19.16	5.05	-4.31	19.91	30.00
			H	19.08	5.05	-4.31	19.82	30.00
	1750.0	20350	V	18.68	5.02	-4.35	19.35	30.00
			H	16.86	5.02	-4.35	17.53	30.00
BAND 4 BW: 10M QPSK RB: 1,49	1715.0	20000	V	18.90	5.08	-4.30	19.68	30.00
			H	17.44	5.08	-4.30	18.22	30.00
	1732.0	20175	V	18.42	5.04	-4.32	19.15	30.00
			H	17.80	5.04	-4.32	18.52	30.00
	1750.0	20350	V	17.75	5.01	-4.37	18.40	30.00
			H	16.21	5.01	-4.37	16.85	30.00
BAND 4 BW: 10M 16QAM RB: 1,0	1715.0	20000	V	19.25	5.09	-4.29	20.04	30.00
			H	17.38	5.09	-4.29	18.18	30.00
	1732.0	20175	V	19.25	5.05	-4.31	20.00	30.00
			H	19.13	5.05	-4.31	19.87	30.00
	1750.0	20350	V	19.02	5.02	-4.35	19.69	30.00
			H	17.13	5.02	-4.35	17.80	30.00
BAND 4 BW: 10M 16QAM RB: 1,49	1715.0	20000	V	19.12	5.08	-4.30	19.90	30.00
			H	17.68	5.08	-4.30	18.46	30.00
	1732.0	20175	V	18.99	5.04	-4.32	19.71	30.00
			H	18.34	5.04	-4.32	19.07	30.00
	1750.0	20350	V	18.35	5.01	-4.37	18.99	30.00
			H	16.76	5.01	-4.37	17.41	30.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 4 BW: 15M QPSK RB: 1,0	1717.5	20025	V	19.44	5.09	-4.29	20.24	30.00
			H	16.46	5.08	-4.29	17.25	30.00
	1732.5	20175	V	18.71	5.06	-4.30	19.46	30.00
			H	18.33	5.06	-4.30	19.09	30.00
	1747.5	20325	V	18.89	5.03	-4.34	19.59	30.00
			H	17.57	5.03	-4.34	18.26	30.00
BAND 4 BW: 15M QPSK RB: 1,74	1717.5	20025	V	18.32	5.07	-4.30	19.09	30.00
			H	17.60	5.07	-4.30	18.36	30.00
	1732.5	20175	V	19.23	5.04	-4.33	19.94	30.00
			H	18.25	5.04	-4.33	18.97	30.00
	1747.5	20325	V	17.78	5.01	-4.37	18.42	30.00
			H	16.44	5.01	-4.37	17.08	30.00
BAND 4 BW: 15M 16QAM RB: 1,0	1717.5	20025	V	19.19	5.08	-4.29	19.99	30.00
			H	17.33	5.09	-4.29	18.13	30.00
	1732.5	20175	V	19.01	5.06	-4.30	19.76	30.00
			H	18.63	5.06	-4.30	19.38	30.00
	1747.5	20325	V	19.52	5.03	-4.34	20.21	30.00
			H	18.07	5.03	-4.34	18.76	30.00
BAND 4 BW: 15M 16QAM RB: 1,74	1717.5	20025	V	18.60	5.07	-4.30	19.37	30.00
			H	17.87	5.07	-4.30	18.64	30.00
	1732.5	20175	V	19.61	5.04	-4.33	20.32	30.00
			H	18.64	5.04	-4.33	19.35	30.00
	1747.5	20325	V	18.27	5.01	-4.37	18.91	30.00
			H	16.93	5.01	-4.37	17.57	30.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 4 BW: 20M QPSK RB: 1,0	1720.0	20050	V	19.34	5.09	-4.29	20.13	30.00
			H	16.42	5.09	-4.29	17.22	30.00
	1732.5	20175	V	18.55	5.06	-4.30	19.31	30.00
			H	17.34	5.06	-4.30	18.10	30.00
	1745.0	20300	V	18.10	5.04	-4.33	18.81	30.00
			H	17.66	5.04	-4.33	18.37	30.00
BAND 4 BW: 20M QPSK RB: 1,99	1720.0	20050	V	19.05	5.06	-4.30	19.81	30.00
			H	18.83	5.06	-4.30	19.59	30.00
	1732.5	20175	V	18.83	5.03	-4.33	19.53	30.00
			H	17.32	5.04	-4.33	18.02	30.00
	1745.0	20300	V	17.85	5.01	-4.37	18.49	30.00
			H	16.44	5.01	-4.37	17.08	30.00
BAND 4 BW: 20M 16QAM RB: 1,0	1720.0	20050	V	19.03	5.09	-4.29	19.83	30.00
			H	17.20	5.09	-4.29	18.00	30.00
	1732.5	20175	V	18.35	5.07	-4.30	19.12	30.00
			H	17.62	5.06	-4.30	18.39	30.00
	1745.0	20300	V	18.28	5.04	-4.33	18.99	30.00
			H	17.80	5.04	-4.33	18.52	30.00
BAND 4 BW: 15M 16QAM RB: 1,99	1720.0	20050	V	19.15	5.06	-4.30	19.90	30.00
			H	19.05	5.06	-4.30	19.81	30.00
	1732.5	20175	V	19.47	5.03	-4.34	20.17	30.00
			H	17.93	5.03	-4.34	18.62	30.00
	1745.0	20300	V	18.43	5.01	-4.37	19.07	30.00
			H	17.05	5.01	-4.37	17.69	30.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
BAND 5 BW: 1.4M QPSK RB: 1,0	824.7	20407	V	15.02	3.46	-2.94	15.54	38.45
			H	10.95	3.46	-2.94	11.47	38.45
	836.5	20525	V	15.30	3.46	-2.97	15.79	38.45
			H	9.54	3.46	-2.97	10.03	38.45
	848.3	20643	V	13.62	3.47	-3.00	14.08	38.45
			H	6.50	3.47	-3.00	6.97	38.45
BAND 5 BW: 1.4M QPSK RB: 1,5	824.7	20407	V	14.60	3.45	-2.94	15.12	38.45
			H	10.47	3.46	-2.95	10.98	38.45
	836.5	20525	V	15.14	3.46	-2.97	15.63	38.45
			H	9.77	3.46	-2.97	10.26	38.45
	848.3	20643	V	13.69	3.47	-3.00	14.15	38.45
			H	6.71	3.47	-3.00	7.18	38.45
BAND 5 BW: 1.4M 16QAM RB: 1,0	824.7	20407	V	15.82	3.46	-2.94	16.33	38.45
			H	11.90	3.46	-2.94	12.42	38.45
	836.5	20525	V	16.36	3.46	-2.97	16.85	38.45
			H	11.24	3.46	-2.97	11.74	38.45
	848.3	20643	V	15.17	3.47	-3.01	15.63	38.45
			H	8.35	3.47	-3.00	8.82	38.45
BAND 5 BW: 1.4M 16QAM RB: 1,5	824.7	20407	V	16.39	3.46	-2.95	16.90	38.45
			H	11.93	3.46	-2.94	12.44	38.45
	836.5	20525	V	16.21	3.46	-2.97	16.69	38.45
			H	10.93	3.46	-2.97	11.42	38.45
	848.3	20643	V	14.99	3.47	-3.00	15.45	38.45
			H	8.07	3.47	-3.00	8.54	38.45

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
BAND 5 BW: 3M QPSK RB: 1,0	825.5	20415	V	14.05	3.46	-2.94	14.56	38.45
			H	10.82	3.46	-2.94	11.33	38.45
	836.5	20525	V	14.09	3.46	-2.97	14.58	38.45
			H	8.81	3.46	-2.97	9.30	38.45
	847.5	20635	V	13.57	3.47	-3.01	14.03	38.45
			H	4.79	3.47	-3.00	5.26	38.45
BAND 5 BW: 3M QPSK RB: 1,14	825.5	20415	V	14.18	3.46	-2.94	14.69	38.45
			H	10.26	3.46	-2.94	10.77	38.45
	836.5	20525	V	13.92	3.46	-2.97	14.41	38.45
			H	8.03	3.46	-2.97	8.52	38.45
	847.5	20635	V	14.73	3.47	-3.00	15.20	38.45
			H	4.51	3.47	-3.01	4.98	38.45
BAND 5 BW: 3M 16QAM RB: 1,0	825.5	20415	V	15.97	3.46	-2.94	16.49	38.45
			H	12.45	3.46	-2.94	12.96	38.45
	836.5	20525	V	16.22	3.46	-2.97	16.71	38.45
			H	10.22	3.46	-2.97	10.71	38.45
	847.5	20635	V	16.59	3.47	-3.01	17.05	38.45
			H	6.79	3.47	-3.00	7.25	38.45
BAND 5 BW: 3M 16QAM RB: 1,14	825.5	20415	V	16.16	3.46	-2.94	16.67	38.45
			H	12.25	3.46	-2.94	12.76	38.45
	836.5	20525	V	15.69	3.46	-2.97	16.18	38.45
			H	9.56	3.46	-2.97	10.05	38.45
	847.5	20635	V	15.67	3.47	-3.00	16.14	38.45
			H	6.20	3.47	-3.01	6.66	38.45

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
BAND 5 BW: 5M QPSK RB: 1,0	826.5	20425	V	13.80	3.46	-2.94	14.31	38.45
			H	10.61	3.46	-2.94	11.12	38.45
	836.5	20525	V	14.97	3.46	-2.97	15.46	38.45
			H	10.04	3.46	-2.97	10.54	38.45
	846.5	20625	V	13.66	3.46	-2.99	14.13	38.45
			H	7.14	3.46	-2.99	7.62	38.45
BAND 5 BW: 5M QPSK RB: 1,24	826.5	20425	V	14.83	3.46	-2.95	15.34	38.45
			H	11.30	3.46	-2.95	11.81	38.45
	836.5	20525	V	14.18	3.46	-2.98	14.66	38.45
			H	8.48	3.46	-2.97	8.97	38.45
	846.5	20625	V	13.90	3.47	-3.00	14.36	38.45
			H	6.83	3.47	-3.00	7.30	38.45
BAND 5 BW: 5M 16QAM RB: 1,0	826.5	20425	V	15.64	3.46	-2.94	16.15	38.45
			H	12.48	3.46	-2.94	12.99	38.45
	836.5	20525	V	16.01	3.46	-2.96	16.51	38.45
			H	11.71	3.46	-2.96	12.21	38.45
	846.5	20625	V	15.94	3.46	-2.99	16.41	38.45
			H	9.44	3.46	-2.99	9.91	38.45
BAND 5 BW: 5M 16QAM RB: 1,24	826.5	20425	V	15.95	3.46	-2.95	16.46	38.45
			H	12.47	3.46	-2.95	12.98	38.45
	836.5	20525	V	15.46	3.46	-2.98	15.95	38.45
			H	9.73	3.46	-2.98	10.21	38.45
	846.5	20625	V	15.72	3.47	-3.00	16.18	38.45
			H	8.85	3.47	-3.00	9.32	38.45

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
BAND 5 BW: 10M QPSK RB: 1,0	829.0	20450	V	13.91	3.46	-2.95	14.42	38.45
			H	11.12	3.46	-2.94	11.63	38.45
	836.5	20525	V	14.64	3.46	-2.96	15.14	38.45
			H	11.26	3.46	-2.96	11.76	38.45
	844.0	20600	V	14.24	3.46	-2.99	14.72	38.45
			H	7.87	3.46	-2.99	8.35	38.45
BAND 5 BW: 10M QPSK RB: 1,49	829.0	20450	V	15.88	3.46	-2.97	16.37	38.45
			H	10.54	3.46	-2.97	11.03	38.45
	836.5	20525	V	13.70	3.46	-2.98	14.18	38.45
			H	8.13	3.46	-2.98	8.61	38.45
	844.0	20600	V	13.48	3.47	-3.00	13.94	38.45
			H	7.27	3.47	-3.00	7.73	38.45
BAND 5 BW: 10M 16QAM RB: 1,0	829.0	20450	V	15.91	3.46	-2.95	16.42	38.45
			H	12.21	3.46	-2.95	12.73	38.45
	836.5	20525	V	16.13	3.46	-2.96	16.62	38.45
			H	11.77	3.46	-2.96	12.27	38.45
	844.0	20600	V	15.64	3.46	-2.98	16.13	38.45
			H	9.59	3.46	-2.99	10.06	38.45
BAND 5 BW: 10M 16QAM RB: 1,49	829.0	20450	V	-7.45	3.46	-2.95	-6.95	38.45
			H	12.31	3.46	-2.96	12.80	38.45
	836.5	20525	V	15.31	3.46	-2.98	15.79	38.45
			H	10.19	3.46	-2.98	10.67	38.45
	844.0	20600	V	15.58	3.47	-3.00	16.04	38.45
			H	8.56	3.47	-3.00	9.02	38.45

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
BAND 13 BW: 5M QPSK RB: 1,0	779.5	23205	V	18.18	3.37	-2.77	18.78	34.77
			H	6.89	3.38	-2.78	7.49	34.77
	782.0	23230	V	17.78	3.38	-2.78	18.38	34.77
			H	6.58	3.38	-2.78	7.18	34.77
	784.5	23255	V	17.52	3.39	-2.79	18.12	34.77
			H	6.49	3.39	-2.79	7.09	34.77
BAND 13 BW: 5M QPSK RB: 1,24	779.5	23205	V	17.96	3.38	-2.78	18.56	34.77
			H	6.63	3.38	-2.78	7.23	34.77
	782.0	23230	V	16.95	3.39	-2.79	17.55	34.77
			H	5.71	3.39	-2.79	6.31	34.77
	784.5	23255	V	17.62	3.40	-2.80	18.22	34.77
			H	5.66	3.40	-2.80	6.26	34.77
BAND 13 BW: 5M 16QAM RB: 1,0	779.5	23205	V	17.64	3.37	-2.77	18.24	34.77
			H	8.38	3.38	-2.78	8.97	34.77
	782.0	23230	V	18.13	3.38	-2.78	18.73	34.77
			H	8.49	3.38	-2.78	9.09	34.77
	784.5	23255	V	17.84	3.39	-2.79	18.44	34.77
			H	7.86	3.39	-2.79	8.45	34.77
BAND 13 BW: 5M 16QAM RB: 1,24	779.5	23205	V	18.43	3.38	-2.78	19.03	34.77
			H	8.05	3.38	-2.78	8.65	34.77
	782.0	23230	V	17.76	3.39	-2.79	18.36	34.77
			H	7.55	3.39	-2.79	8.15	34.77
	784.5	23255	V	18.07	3.39	-2.80	18.67	34.77
			H	8.02	3.40	-2.80	8.62	34.77

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
BAND 13 BW: 10M QPSK RB: 1,0	782.0	23230	V	11.99	3.38	-2.78	12.59	34.77
			H	6.94	3.38	-2.78	7.54	34.77
BAND 13 BW: 10M QPSK RB: 1,49	782.0	23230	V	9.14	3.39	-2.80	9.74	34.77
			H	5.73	3.40	-2.80	6.32	34.77
BAND 13 BW: 10M 16QAM RB: 1,0	782.0	23230	V	18.47	3.38	-2.78	19.07	34.77
			H	16.42	3.38	-2.78	17.02	34.77
BAND 13 BW: 10M 16QAM RB: 1,49	782.0	23230	V	11.38	3.39	-2.8	11.97	34.77
			H	9.93	3.39	-2.8	10.53	34.77

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
BAND 17 BW: 5M QPSK RB: 1,0	706.5	23755	V	16.36	3.37	-2.60	17.12	34.77
			H	2.65	3.37	-2.60	3.42	34.77
	710.0	23790	V	15.72	3.36	-2.60	16.49	34.77
			H	2.23	3.36	-2.60	3.00	34.77
	713.5	23825	V	14.80	3.35	-2.61	15.54	34.77
			H	1.75	3.35	-2.61	2.50	34.77
BAND 17 BW: 5M QPSK RB: 1,24	706.5	23755	V	16.20	3.37	-2.60	16.97	34.77
			H	2.67	3.37	-2.60	3.43	34.77
	710.0	23790	V	15.14	3.36	-2.60	15.90	34.77
			H	1.21	3.35	-2.61	1.95	34.77
	713.5	23825	V	15.00	3.35	-2.61	15.74	34.77
			H	0.65	3.35	-2.61	1.40	34.77
BAND 17 BW: 5M 16QAM RB: 1,0	706.5	23755	V	17.38	3.37	-2.60	18.14	34.77
			H	3.14	3.37	-2.60	3.90	34.77
	710.0	23790	V	17.41	3.36	-2.60	18.17	34.77
			H	3.97	3.36	-2.60	4.73	34.77
	713.5	23825	V	16.96	3.35	-2.61	17.71	34.77
			H	3.15	3.35	-2.61	3.90	34.77
BAND 17 BW: 5M 16QAM RB: 1,24	706.5	23755	V	16.72	3.37	-2.60	17.48	34.77
			H	3.12	3.37	-2.60	3.89	34.77
	710.0	23790	V	17.72	3.36	-2.60	18.48	34.77
			H	3.97	3.36	-2.60	4.74	34.77
	713.5	23825	V	16.55	3.35	-2.61	17.29	34.77
			H	3.18	3.35	-2.61	3.93	34.77

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
BAND 17 BW: 10M QPSK RB: 1,0	709.0	23780	V	16.15	3.37	-2.60	16.91	34.77
			H	1.91	3.37	-2.60	2.68	34.77
	710.0	23790	V	15.77	3.37	-2.60	16.53	34.77
			H	1.72	3.37	-2.60	2.48	34.77
	711.0	23800	V	16.42	3.36	-2.60	17.19	34.77
			H	2.37	3.37	-2.60	3.13	34.77
BAND 17 BW: 10M QPSK RB: 1,49	709.0	23780	V	14.88	3.35	-2.61	15.62	34.77
			H	0.64	3.35	-2.61	1.38	34.77
	710.0	23790	V	15.46	3.35	-2.61	16.20	34.77
			H	1.05	3.35	-2.61	1.78	34.77
	711.0	23800	V	15.19	3.35	-2.61	15.93	34.77
			H	0.79	3.35	-2.61	1.53	34.77
BAND 17 BW: 10M 16QAM RB: 1,0	709.0	23780	V	17.57	3.37	-2.60	18.33	34.77
			H	3.39	3.37	-2.60	4.16	34.77
	710.0	23790	V	17.47	3.37	-2.60	18.24	34.77
			H	3.58	3.37	-2.60	4.35	34.77
	711.0	23800	V	16.87	3.37	-2.60	17.64	34.77
			H	4.13	3.37	-2.60	4.90	34.77
BAND 17 BW: 10M 16QAM RB: 1,49	709.0	23780	V	17.35	3.36	-2.60	18.11	34.77
			H	3.06	3.35	-2.61	3.80	34.77
	710.0	23790	V	16.99	3.36	-2.61	17.73	34.77
			H	2.57	3.35	-2.61	3.31	34.77
	711.0	23800	V	16.82	3.35	-2.61	17.56	34.77
			H	2.33	3.35	-2.61	3.07	34.77

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 25 BW: 1.4M QPSK RB: 1,0	1850.7	26047	V	25.61	4.84	-4.49	25.97	33.00
			H	14.88	4.84	-4.49	15.23	33.00
	1882.5	26365	V	25.02	4.79	-4.53	25.29	33.00
			H	15.51	4.79	-4.53	15.77	33.00
	1914.3	26683	V	23.55	4.74	-4.57	23.72	33.00
			H	10.50	4.74	-4.57	10.66	33.00
BAND 25 BW: 1.4M QPSK RB: 1,5	1850.7	26047	V	25.85	4.84	-4.49	26.21	33.00
			H	15.64	4.84	-4.49	15.99	33.00
	1882.5	26365	V	24.75	4.79	-4.53	25.02	33.00
			H	15.88	4.79	-4.53	16.14	33.00
	1914.3	26683	V	23.80	4.74	-4.57	23.97	33.00
			H	10.39	4.74	-4.57	10.56	33.00
BAND 25 BW: 1.4M 16QAM RB: 1,0	1850.7	26047	V	25.96	4.84	-4.49	26.31	33.00
			H	17.44	4.84	-4.49	17.80	33.00
	1882.5	26365	V	25.87	4.79	-4.53	26.12	33.00
			H	17.00	4.79	-4.53	17.26	33.00
	1914.3	26683	V	23.87	4.74	-4.57	24.04	33.00
			H	11.31	4.74	-4.57	11.47	33.00
BAND 25 BW: 1.4M 16QAM RB: 1,5	1850.7	26047	V	26.09	4.84	-4.49	26.44	33.00
			H	16.88	4.84	-4.49	17.24	33.00
	1882.5	26365	V	26.05	4.79	-4.53	26.30	33.00
			H	17.61	4.79	-4.53	17.86	33.00
	1914.3	26683	V	24.08	4.74	-4.57	24.25	33.00
			H	12.71	4.74	-4.57	12.88	33.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 25 BW: 3M QPSK RB: 1,0	1851.5	26055	V	22.73	4.84	-4.49	23.08	33.00
			H	14.51	4.84	-4.49	14.87	33.00
	1882.5	26365	V	21.93	4.79	-4.53	22.19	33.00
			H	14.98	4.79	-4.53	15.24	33.00
	1913.5	26675	V	20.80	4.74	-4.57	20.97	33.00
			H	12.42	4.74	-4.57	12.59	33.00
BAND 25 BW: 3M QPSK RB: 1,14	1851.5	26055	V	22.56	4.84	-4.49	22.91	33.00
			H	14.93	4.84	-4.49	15.29	33.00
	1882.5	26365	V	21.72	4.79	-4.53	21.98	33.00
			H	14.52	4.79	-4.53	14.78	33.00
	1913.5	26675	V	20.86	4.74	-4.57	21.03	33.00
			H	12.15	4.74	-4.57	12.32	33.00
BAND 25 BW: 3M 16QAM RB: 1,0	1851.5	26055	V	24.11	4.84	-4.49	24.46	33.00
			H	15.55	4.84	-4.49	15.90	33.00
	1882.5	26365	V	23.20	4.79	-4.53	23.46	33.00
			H	16.64	4.79	-4.53	16.91	33.00
	1913.5	26675	V	21.62	4.74	-4.57	21.79	33.00
			H	13.22	4.74	-4.57	13.39	33.00
BAND 25 BW: 3M 16QAM RB: 1,14	1851.5	26055	V	24.08	4.84	-4.49	24.43	33.00
			H	15.86	4.84	-4.49	16.21	33.00
	1882.5	26365	V	22.60	4.79	-4.53	22.86	33.00
			H	16.20	4.79	-4.53	16.46	33.00
	1913.5	26675	V	11.75	4.74	-4.57	11.92	33.00
			H	12.63	4.74	-4.57	12.80	33.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 25 BW: 5M QPSK RB: 1,0	1852.5	26065	V	22.59	4.84	-4.49	22.95	33.00
			H	14.18	4.84	-4.49	14.54	33.00
	1882.5	26365	V	21.76	4.79	-4.53	22.02	33.00
			H	15.17	4.80	-4.52	15.44	33.00
	1912.5	26665	V	21.71	4.75	-4.56	21.89	33.00
			H	13.30	4.75	-4.56	13.48	33.00
BAND 25 BW: 5M QPSK RB: 1,24	1852.5	26065	V	22.57	4.84	-4.49	22.91	33.00
			H	13.25	4.84	-4.49	13.60	33.00
	1882.5	26365	V	20.33	4.79	-4.53	20.59	33.00
			H	14.48	4.79	-4.53	14.74	33.00
	1912.5	26665	V	20.95	4.74	-4.57	21.11	33.00
			H	12.35	4.74	-4.57	12.51	33.00
BAND 25 BW: 5M 16QAM RB: 1,0	1852.5	26065	V	23.33	4.84	-4.49	23.68	33.00
			H	15.20	4.84	-4.49	15.55	33.00
	1882.5	26365	V	26.40	4.80	-4.52	26.67	33.00
			H	16.42	4.80	-4.53	16.69	33.00
	1912.5	26665	V	25.27	4.75	-4.56	25.45	33.00
			H	14.49	4.75	-4.56	14.67	33.00
BAND 25 BW: 5M 16QAM RB: 1,24	1852.5	26065	V	23.33	4.84	-4.49	23.68	33.00
			H	13.32	4.84	-4.49	13.67	33.00
	1882.5	26365	V	22.13	4.79	-4.53	22.39	33.00
			H	13.74	4.79	-4.53	14.00	33.00
	1912.5	26665	V	21.67	4.74	-4.57	21.83	33.00
			H	12.30	4.74	-4.57	12.46	33.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 25 BW: 10M QPSK RB: 1,0	1855.0	26090	V	22.09	4.84	-4.49	22.44	33.00
			H	14.74	4.84	-4.49	15.09	33.00
	1882.5	26365	V	22.27	4.79	-4.53	22.54	33.00
			H	13.82	4.79	-4.53	14.09	33.00
	1910.0	26640	V	21.62	4.75	-4.56	21.82	33.00
			H	13.56	4.75	-4.56	13.74	33.00
BAND 25 BW: 10M QPSK RB: 1,49	1855.0	26090	V	21.43	4.83	-4.50	21.76	33.00
			H	10.97	4.83	-4.50	11.30	33.00
	1882.5	26365	V	19.94	4.78	-4.53	20.19	33.00
			H	14.01	4.78	-4.53	14.26	33.00
	1910.0	26640	V	20.88	4.74	-4.57	21.04	33.00
			H	12.98	4.74	-4.57	13.15	33.00
BAND 25 BW: 10M 16QAM RB: 1,0	1855.0	26090	V	23.04	4.84	-4.49	23.39	33.00
			H	14.83	4.84	-4.49	15.18	33.00
	1882.5	26365	V	23.89	4.80	-4.52	24.17	33.00
			H	15.56	4.80	-4.52	15.84	33.00
	1910.0	26640	V	22.86	4.75	-4.56	23.06	33.00
			H	14.63	4.75	-4.56	14.83	33.00
BAND 25 BW: 10M 16QAM RB: 1,49	1855.0	26090	V	21.86	4.83	-4.50	22.20	33.00
			H	11.55	4.83	-4.50	11.88	33.00
	1882.5	26365	V	21.72	4.78	-4.53	21.97	33.00
			H	15.58	4.78	-4.53	15.83	33.00
	1910.0	26640	V	21.38	4.74	-4.57	21.55	33.00
			H	13.59	4.74	-4.57	13.75	33.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 25 BW: 15M QPSK RB: 1,0	1857.5	26115	V	23.13	4.84	-4.49	23.48	33.00
			H	20.01	4.84	-4.49	20.37	33.00
	1882.5	26365	V	22.77	4.80	-4.52	23.05	33.00
			H	16.89	4.80	-4.52	17.16	33.00
	1907.5	26615	V	22.31	4.76	-4.56	22.51	33.00
			H	19.76	4.76	-4.55	19.96	33.00
BAND 25 BW: 15M QPSK RB: 1,74	1857.5	26115	V	20.95	4.82	-4.50	21.27	33.00
			H	18.59	4.82	-4.50	18.91	33.00
	1882.5	26365	V	21.15	4.78	-4.54	21.40	33.00
			H	18.65	4.78	-4.54	18.89	33.00
	1907.5	26615	V	21.24	4.74	-4.57	21.41	33.00
			H	18.60	4.74	-4.57	18.77	33.00
BAND 25 BW: 15M 16QAM RB: 1,0	1857.5	26115	V	23.25	4.84	-4.49	23.60	33.00
			H	20.98	4.84	-4.49	21.33	33.00
	1882.5	26365	V	24.02	4.80	-4.52	24.30	33.00
			H	18.17	4.80	-4.52	18.45	33.00
	1907.5	26615	V	24.29	4.76	-4.56	24.49	33.00
			H	20.56	4.76	-4.56	20.76	33.00
BAND 25 BW: 15M 16QAM RB: 1,74	1857.5	26115	V	21.54	4.82	-4.50	21.86	33.00
			H	18.88	4.82	-4.50	19.20	33.00
	1882.5	26365	V	21.93	4.78	-4.54	22.16	33.00
			H	19.00	4.78	-4.54	19.24	33.00
	1907.5	26615	V	21.88	4.74	-4.57	22.04	33.00
			H	19.03	4.74	-4.57	19.19	33.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 25 BW: 20M QPSK RB: 1,0	1860.0	26140	V	25.04	4.84	-4.49	25.39	33.00
			H	19.92	4.84	-4.49	20.28	33.00
	1882.5	26365	V	21.26	4.80	-4.52	21.55	33.00
			H	16.63	4.80	-4.52	16.92	33.00
	1905.0	26590	V	23.66	4.77	-4.55	23.88	33.00
			H	18.00	4.76	-4.55	18.22	33.00
BAND 25 BW: 20M QPSK RB: 1,99	1860.0	26140	V	20.76	4.81	-4.51	21.06	33.00
			H	17.51	4.81	-4.51	17.81	33.00
	1882.5	26365	V	23.25	4.78	-4.54	23.48	33.00
			H	17.70	4.78	-4.54	17.94	33.00
	1905.0	26590	V	21.80	4.74	-4.57	21.96	33.00
			H	17.91	4.74	-4.57	18.08	33.00
BAND 25 BW: 20M 16QAM RB: 1,0	1860.0	26140	V	25.31	4.84	-4.49	25.66	33.00
			H	20.43	4.84	-4.49	20.78	33.00
	1882.5	26365	V	21.44	4.80	-4.52	21.72	33.00
			H	16.99	4.81	-4.52	17.28	33.00
	1905.0	26590	V	23.72	4.77	-4.55	23.94	33.00
			H	18.71	4.77	-4.55	18.94	33.00
BAND 25 BW: 20M 16QAM RB: 1,99	1860.0	26140	V	20.91	4.81	-4.51	21.22	33.00
			H	18.35	4.81	-4.51	18.66	33.00
	1882.5	26365	V	22.84	4.78	-4.54	23.08	33.00
			H	18.10	4.78	-4.54	18.34	33.00
	1905.0	26590	V	21.82	4.74	-4.57	21.99	33.00
			H	18.39	4.74	-4.57	18.56	33.00

Remark :

- (1) The RBW,VBW of SPA for frequency RBW= 8MHz , VBW= 8MHz

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

8. FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

8.1. Standard Applicable

According to FCC §2.1053,

FCC §22.917(a) , §24.238(a) , §27.53(g)(h) , §90.691(a)(1) the magnitude of each spurious and harmonic emission that can be detected when the equipment is operated under the conditions specified in the instruction manual and/ or alignment procedure, shall not be less than $43 + 10 \log$ (mean output power in watts) dBc below the mean power output outside a license's frequency block (-13dBm).

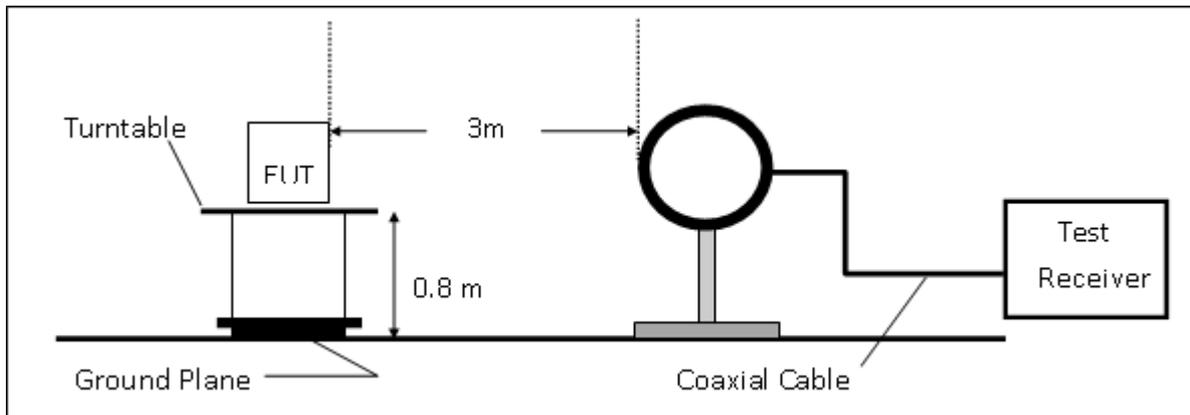
FCC §27.53 (m) (4) shall not be less than $55 + 10 \log$ (mean output power in watt) dBc below the mean power output outside a license's frequency block (-25dBm).

§27.53 (c) (4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $65 + 10 \log$ (P) dB in a 6.25 kHz band segment, for mobile and portable stations;

§27.53 (f) For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

8.2. EUT Setup

(A) Radiated Emission Test Set-UP Frequency Below 30MHz.

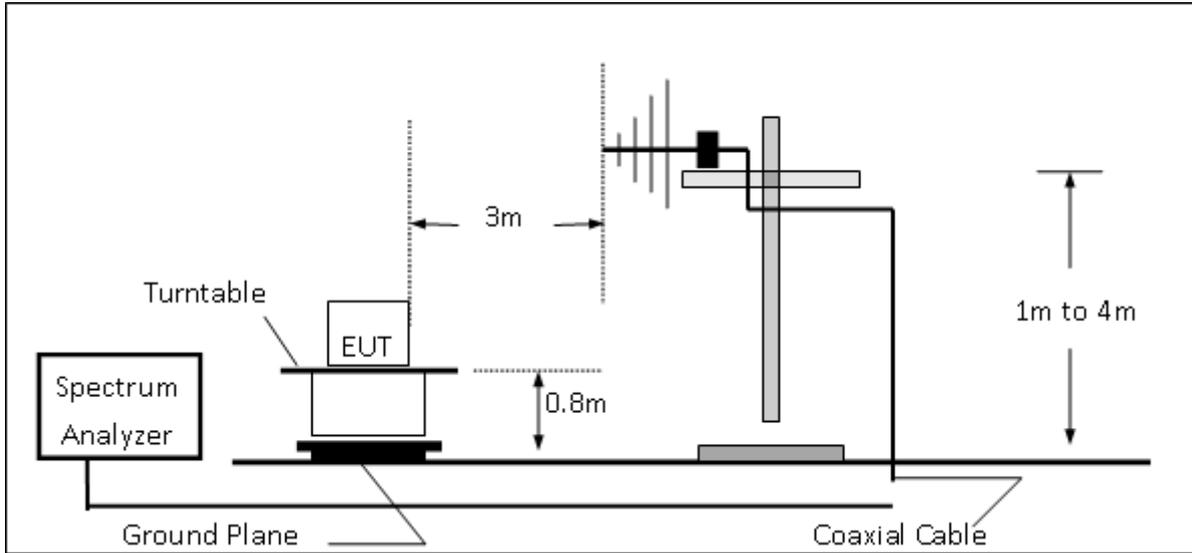


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

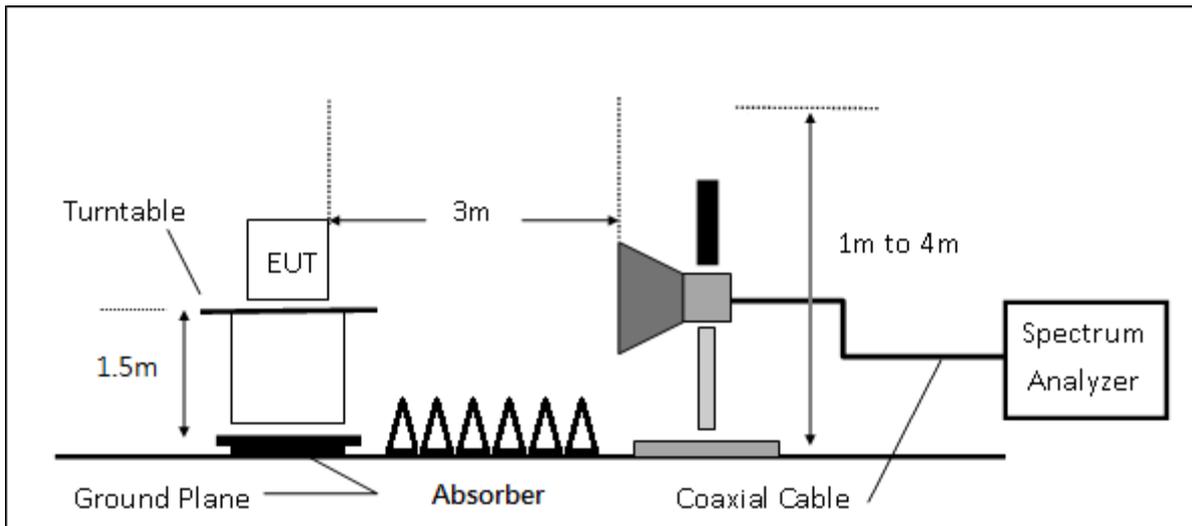
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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

(B) Radiated Emission Test Set-Up, Frequency form 30MHz to 1000MHz



(C) Radiated Emission Test Set-UP Frequency Over 1 GHz



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

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

8.3. Measurement Procedure:

The EUT was placed on a non-conductive; the measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

The frequency range up to tenth harmonic was investigated for each of three fundamental frequencies (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method.

The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency.

ERP= S.G. output (dBm) + Antenna Gain (dBd) – Cable Loss (dB)

EIRP = S.G. output (dBm) + Antenna Gain (dBi) – Cable Loss (dB)

EIRP (dBm) = SG Level(dBm) + Antenna Gain(dBi) + Cable Loss(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

8.4. Measurement Equipment Used:

ERP, EIRP MEASUREMENT EQUIPMENT List 966 Chamber					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Spectrum Analyzer	Agilent	E4446A	MY51100003	01/29/2015	01/28/2016
EXA Spectrum Analyzer	Agilent	N9010A	MY50420195	12/22/2014	12/21/2015
Spectrum Analyzer	R&S	FSV-30	101398	10/07/2014	10/06/2015
Bilog Antenna	SCHWAZBECK	VULB9168	378	12/23/2014	12/22/2015
Bilog Antenna	SCHWAZBECK	VULB9160	3158	10/31/2014	10/30/2015
Horn antenna	ETS.LINDGREN	3117	123995	05/05/2015	05/04/2016
Horn antenna	ETS.LINDGREN	3117	123991	12/19/2014	12/18/2015
Horn Antenna	Schwarzbeck	BBHA9170	184	12/25/2014	12/24/2015
Horn Antenna	Schwarzbeck	BBHA9170	185	07/25/2015	07/24/2016
Network Analyze	Anritsu	MS4644A	1216312	05/23/2015	05/22/2016
Signal Generator	Agilent	E4438C	MY45093613	07/31/2015	07/30/2016
Pre-Amplifier	Agilent	8447D	1937A02834	01/02/2015	01/01/2016
Pre-Amplifier	Agilent	8449B	3008A00578	01/02/2015	01/01/2016
Pre-Amplifier	EMC Instruments Corp.	EMC184045	980135	01/02/2015	01/01/2016
Attenuator	Mini-Circuit	BW-S10W2+	004	01/02/2015	01/01/2016
Radio Communication Analyzer	R&S	CMU200	102189	02/11/2015	02/10/2016
Radio Communication Analyzer	Anritsu	MT8820C	6200995019	10/08/2014	10/09/2015
Turn Table	HD	DT420	N/A	N.C.R	N.C.R
Antenna Tower	ChamPro	AM-BS-4500-B	060776-ABS	N.C.R	N.C.R
Controller	ChamPro	EM1000	060776	N.C.R	N.C.R
Low Loss Cable	HUBER+SUHNER	966_Tx	10m	01/02/2015	01/01/2016
Low Loss Cable	HUBER+SUHNER	966_Rx	3m	01/02/2015	01/01/2016
Filter 800-1000	Micro-Tronics	EWT	M2	01/02/2015	01/01/2016
Filter 1800-2000	Micro-Tronics	EWT	M2	01/02/2015	01/01/2016
Filter 1700-1800	Micro-Tronics	BRC15751	001	01/02/2015	01/01/2016
1GHz High Pass Filter	Micro-Tronics	HPM50108	32	01/02/2015	01/01/2016
2GHz High Pass Filter	Micro-Tronics	HPM50110	36	01/02/2015	01/01/2016
3m Site NSA	SGS	966 chamber	N/A	07/01/2015	06/30/2016

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

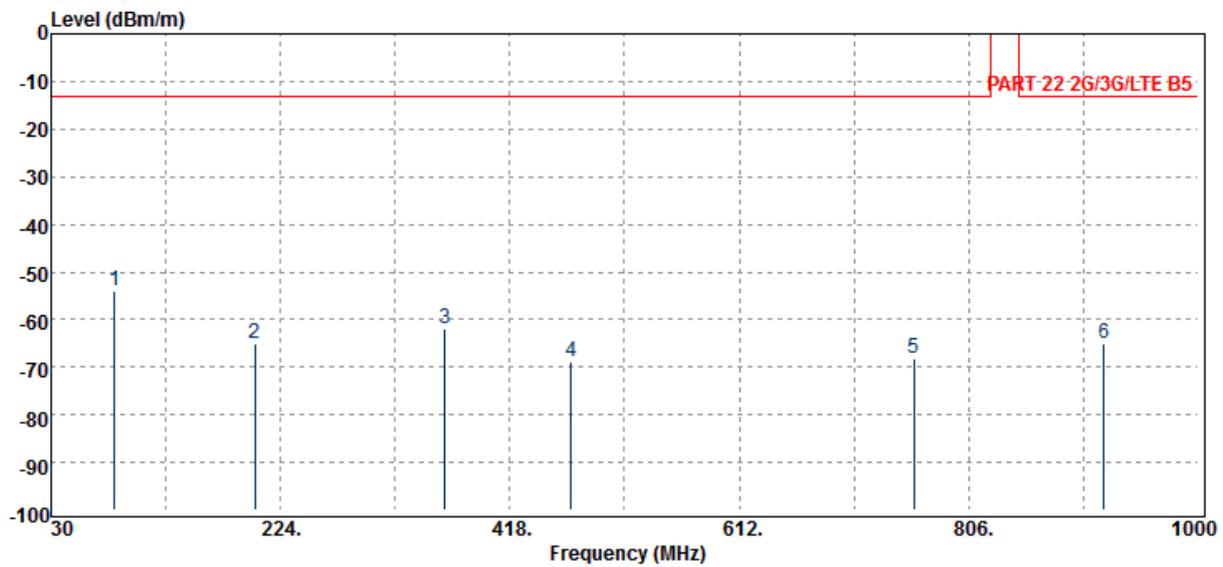
Member of SGS Group

8.5. Measurement Result (Below 1GHz):

*Antenna Part No.: GSA.8841.A.105111

Radiated Spurious Emission Measurement Result: GPRS 850 Mode

ARFCN	:CH 128	Test Date	:2015-08-28
Operation Band	:GPRS 850	Temp./Humi.	:24 deg_C / 63 RH
Fundamental Frequency	:824.2 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



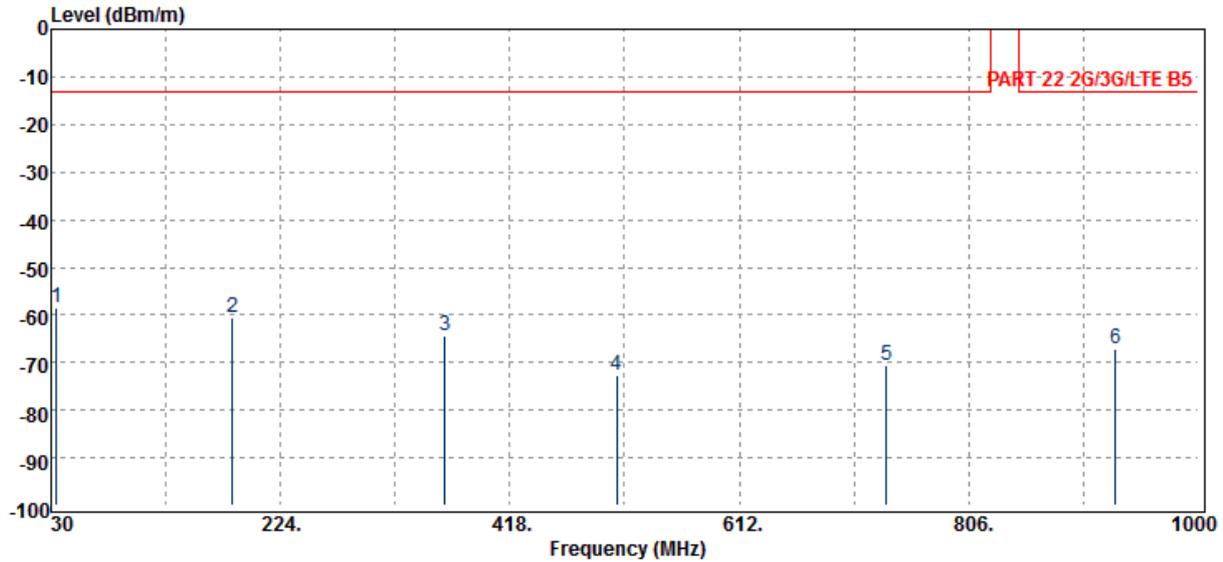
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
83.35	S	-54.00	-50.99	-1.95	-1.06	-13.00	-41.00
202.66	S	-64.98	-66.79	3.34	-1.54	-13.00	-51.98
362.71	S	-61.82	-63.59	3.72	-1.96	-13.00	-48.82
469.41	S	-68.86	-70.25	3.51	-2.12	-13.00	-55.86
759.44	S	-68.28	-68.88	3.31	-2.72	-13.00	-55.28
920.46	S	-65.17	-65.27	3.25	-3.16	-13.00	-52.17

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.

ARFCN	:CH 128	Test Date	:2015-08-28
Operation Band	:GPRS 850	Temp./Humi.	:22 deg_C / 53 RH
Fundamental Frequency	:824.2 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



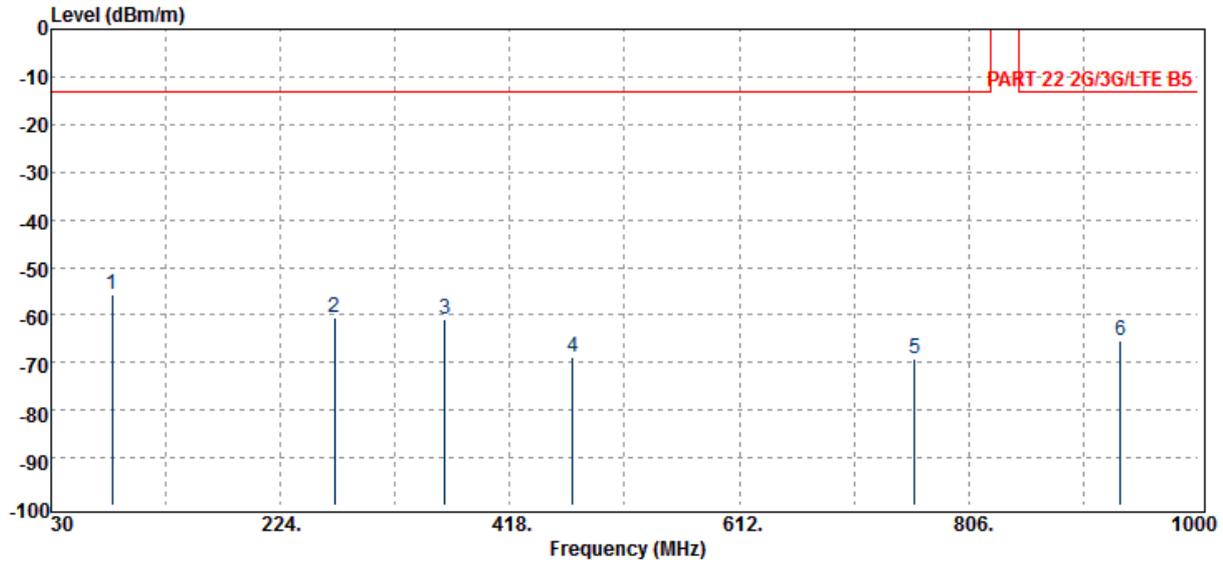
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
34.85	S	-58.63	-44.18	-13.67	-0.78	-13.00	-45.63
183.26	S	-60.42	-60.45	1.54	-1.51	-13.00	-47.42
362.71	S	-64.53	-66.29	3.72	-1.96	-13.00	-51.53
508.21	S	-72.80	-74.19	3.73	-2.35	-13.00	-59.80
736.16	S	-70.60	-71.25	3.31	-2.66	-13.00	-57.60
930.16	S	-67.02	-67.09	3.25	-3.17	-13.00	-54.02

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.

ARFCN	:CH 190	Test Date	:2015-08-28
Operation Band	:GPRS 850	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.6 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

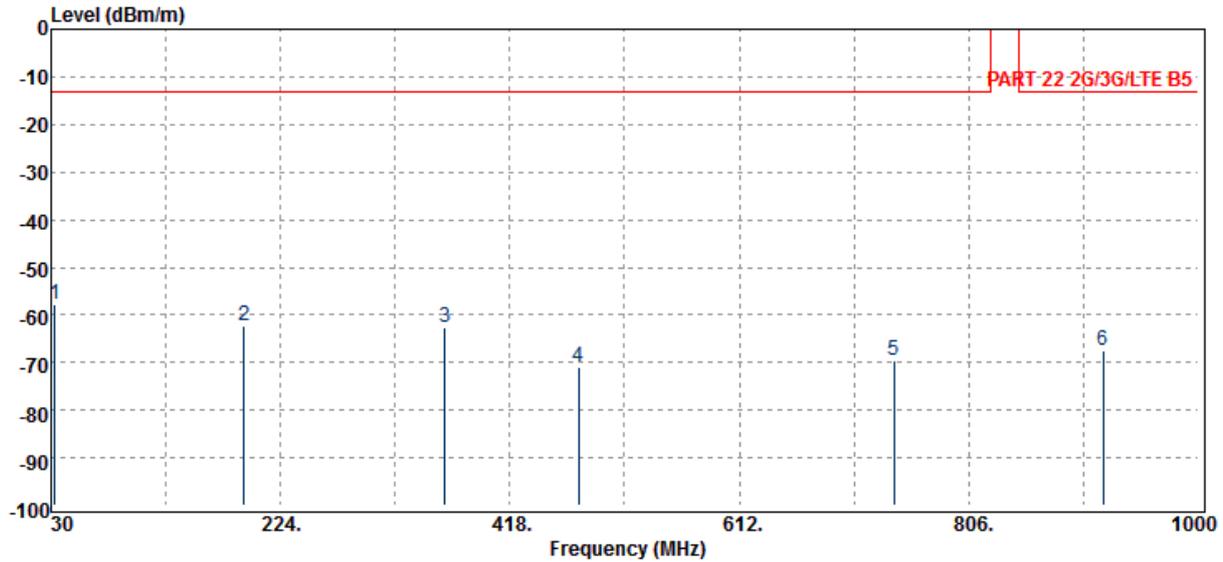


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-55.80	-52.32	-2.41	-1.06	-13.00	-42.80
269.59	S	-60.44	-62.36	3.61	-1.69	-13.00	-47.44
362.71	S	-60.78	-62.54	3.72	-1.96	-13.00	-47.78
471.35	S	-68.69	-70.09	3.53	-2.13	-13.00	-55.69
760.41	S	-69.20	-69.80	3.32	-2.72	-13.00	-56.20
934.04	S	-65.23	-65.30	3.24	-3.18	-13.00	-52.23

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

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

ARFCN	:CH 190	Test Date	:2015-08-28
Operation Band	:GPRS 850	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.6 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



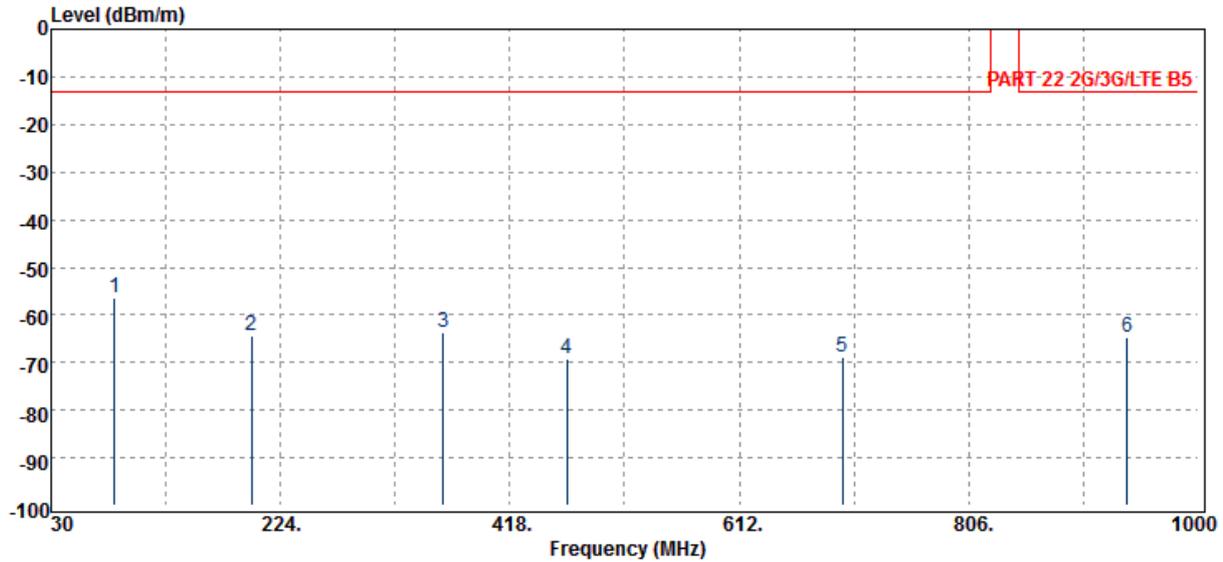
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
32.91	S	-57.80	-42.90	-14.13	-0.76	-13.00	-44.80
192.96	S	-62.34	-63.64	2.82	-1.52	-13.00	-49.34
362.71	S	-62.72	-64.49	3.72	-1.96	-13.00	-49.72
476.20	S	-70.77	-72.18	3.57	-2.16	-13.00	-57.77
742.95	S	-69.40	-70.01	3.30	-2.68	-13.00	-56.40
919.49	S	-67.40	-67.49	3.25	-3.16	-13.00	-54.40

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

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

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

ARFCN	:CH 251	Test Date	:2015-08-28
Operation Band	:GPRS 850	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:848.8 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



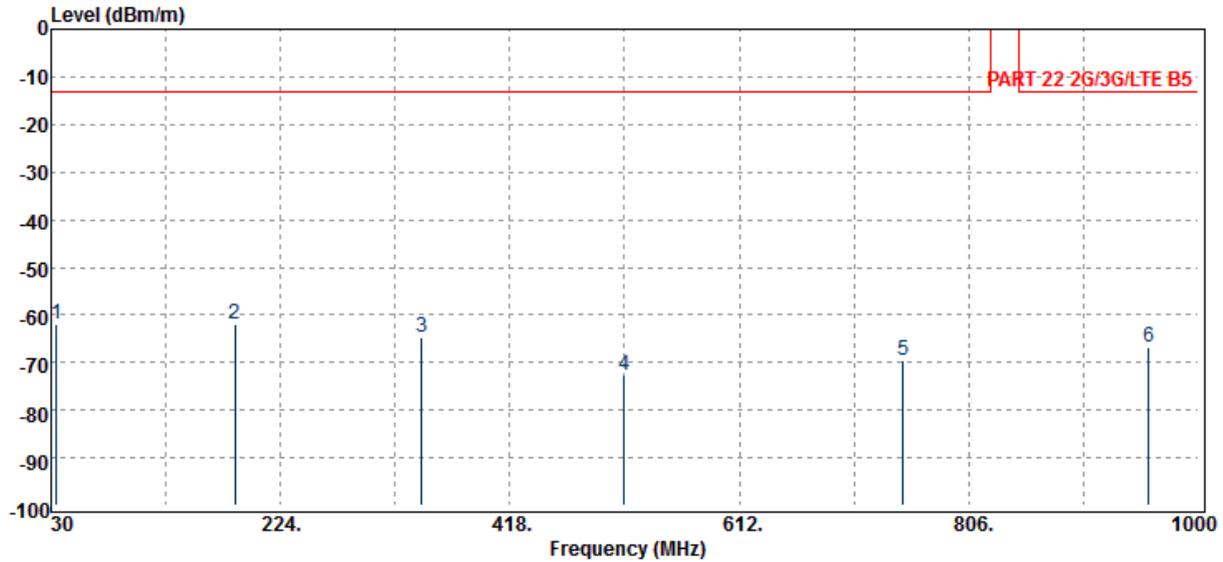
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
83.35	S	-56.34	-53.33	-1.95	-1.06	-13.00	-43.34
199.75	S	-64.44	-66.09	3.19	-1.53	-13.00	-51.44
361.74	S	-63.77	-65.54	3.73	-1.96	-13.00	-50.77
466.50	S	-69.27	-70.65	3.49	-2.11	-13.00	-56.27
699.30	S	-68.81	-69.59	3.39	-2.61	-13.00	-55.81
939.86	S	-64.77	-64.82	3.24	-3.19	-13.00	-51.77

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.

ARFCN	:CH 251	Test Date	:2015-08-28
Operation Band	:GPRS 850	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:848.8 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
34.85	S	-62.03	-47.58	-13.67	-0.78	-13.00	-49.03
185.20	S	-62.09	-62.44	1.86	-1.51	-13.00	-49.09
343.31	S	-64.61	-66.41	3.74	-1.94	-13.00	-51.61
515.00	S	-72.77	-74.09	3.71	-2.39	-13.00	-59.77
750.71	S	-69.55	-70.13	3.28	-2.70	-13.00	-56.55
958.29	S	-66.94	-66.42	2.68	-3.21	-13.00	-53.94

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

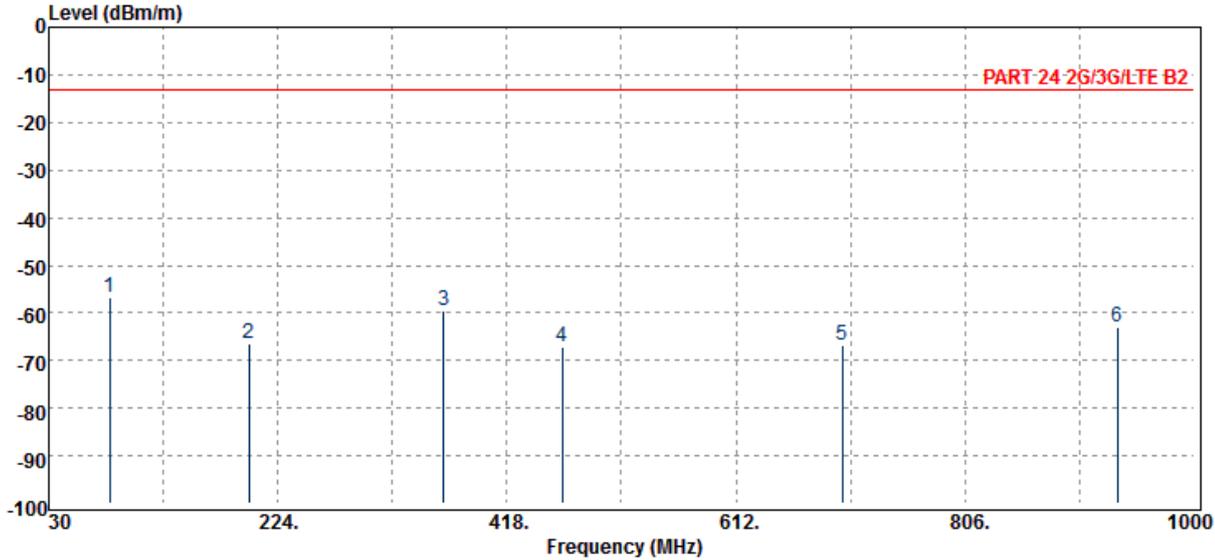
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: GPRS 1900 Mode

ARFCN	:CH 512	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1850.2 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-56.62	-55.30	-0.26	-1.06	-13.00	-43.62
199.75	S	-66.41	-70.22	5.34	-1.53	-13.00	-53.41
364.65	S	-59.47	-63.38	5.87	-1.96	-13.00	-46.47
464.56	S	-67.14	-70.65	5.62	-2.11	-13.00	-54.14
702.21	S	-66.80	-69.72	5.53	-2.61	-13.00	-53.80
935.01	S	-63.09	-65.30	5.39	-3.18	-13.00	-50.09

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

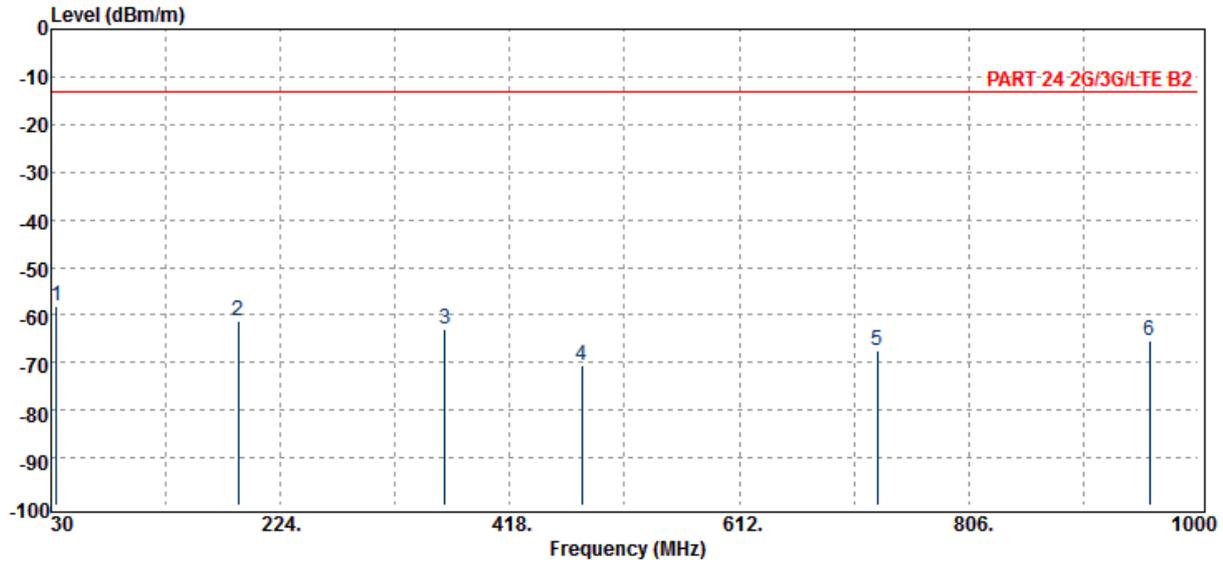
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 512	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1850.2 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
34.85	S	-58.24	-45.94	-11.52	-0.78	-13.00	-45.24
188.11	S	-61.33	-64.31	4.50	-1.51	-13.00	-48.33
362.71	S	-63.03	-66.94	5.87	-1.96	-13.00	-50.03
479.11	S	-70.58	-74.15	5.74	-2.18	-13.00	-57.58
728.40	S	-67.55	-70.38	5.47	-2.64	-13.00	-54.55
959.26	S	-65.40	-66.95	4.76	-3.21	-13.00	-52.40

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

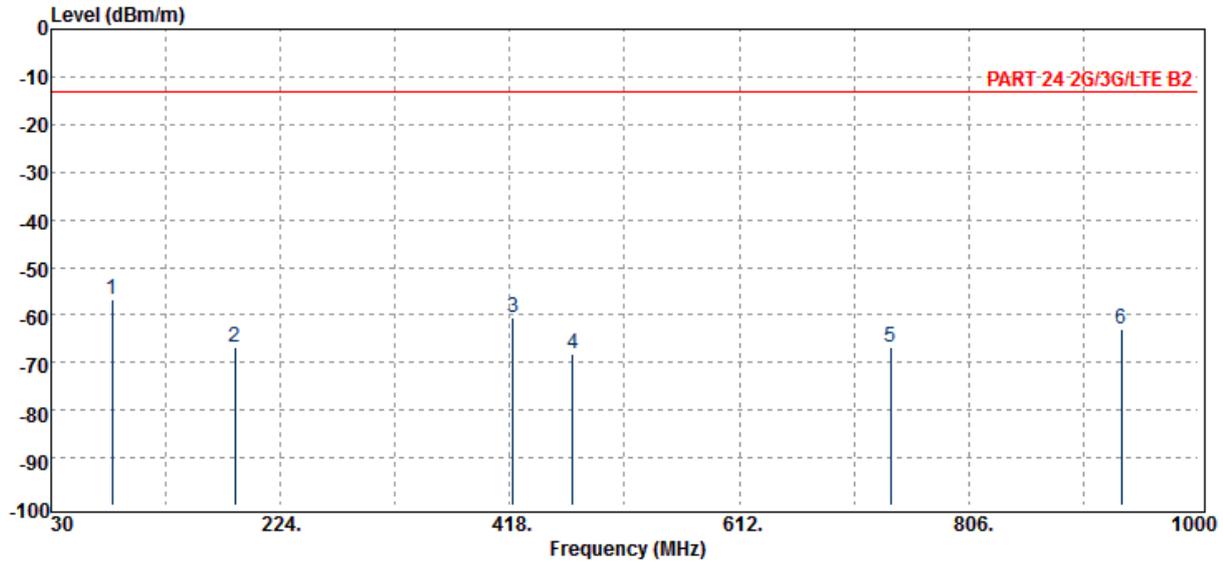
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 661	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1880.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-56.90	-55.58	-0.26	-1.06	-13.00	-43.90
185.20	S	-66.83	-69.34	4.01	-1.51	-13.00	-53.83
420.91	S	-60.70	-64.37	5.65	-1.98	-13.00	-47.70
471.35	S	-68.07	-71.61	5.68	-2.13	-13.00	-55.07
740.04	S	-66.75	-69.52	5.45	-2.67	-13.00	-53.75
935.01	S	-63.14	-65.35	5.39	-3.18	-13.00	-50.14

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

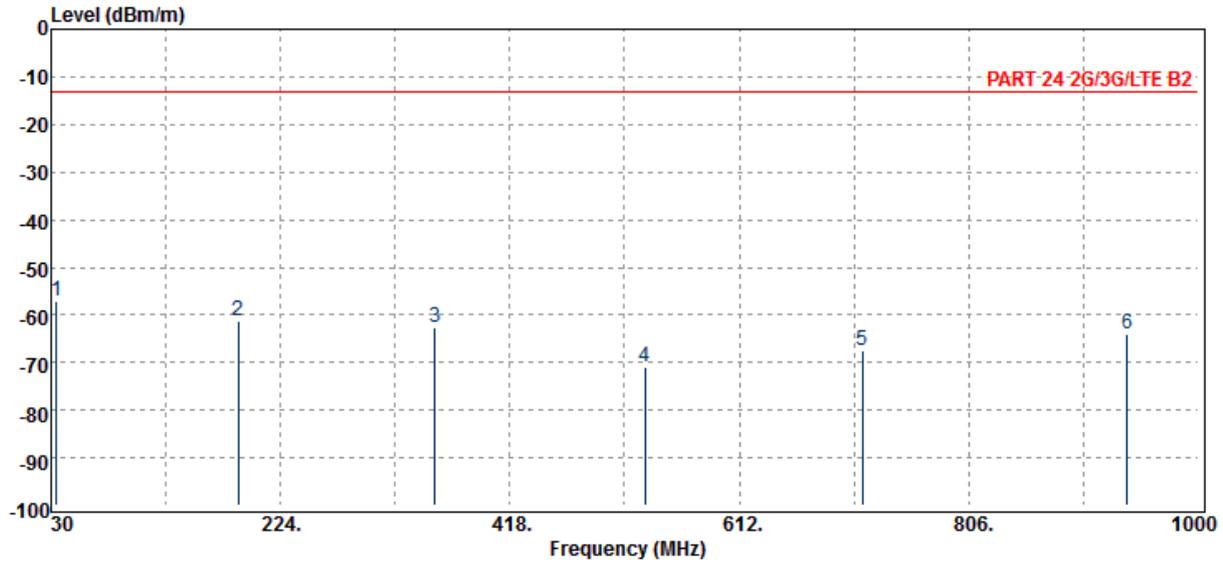
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 661	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1880.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
34.85	S	-57.00	-44.69	-11.52	-0.78	-13.00	-44.00
188.11	S	-61.22	-64.20	4.50	-1.51	-13.00	-48.22
354.95	S	-62.52	-66.45	5.90	-1.97	-13.00	-49.52
532.46	S	-70.84	-74.16	5.80	-2.48	-13.00	-57.84
715.79	S	-67.39	-70.28	5.50	-2.61	-13.00	-54.39
939.86	S	-64.11	-66.31	5.39	-3.19	-13.00	-51.11

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

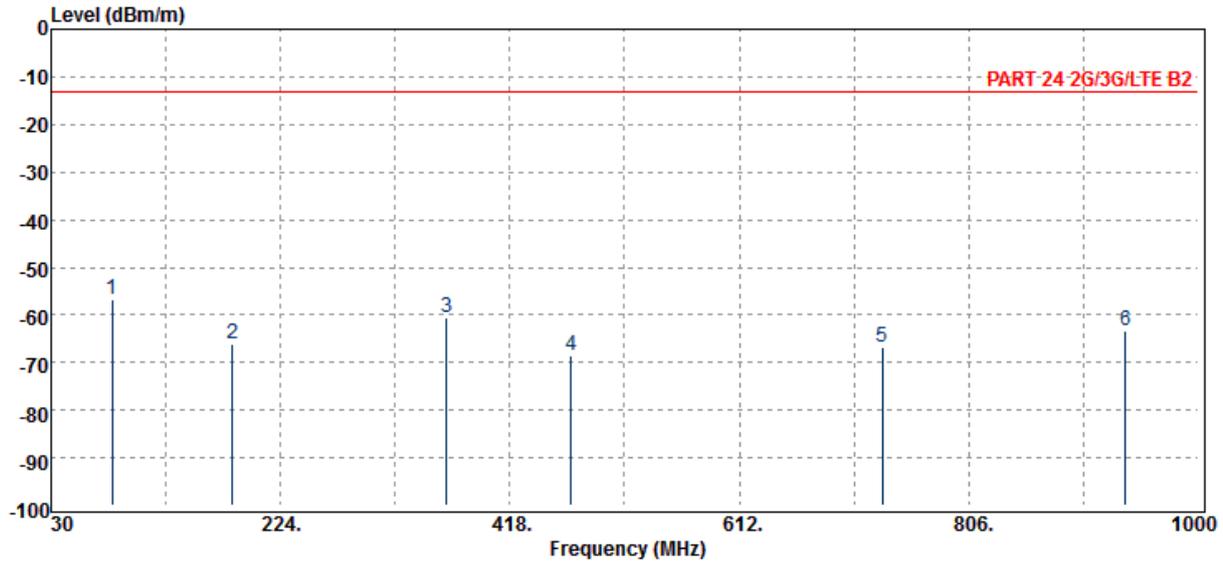
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 810	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1909.8 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-56.88	-55.56	-0.26	-1.06	-13.00	-43.88
183.26	S	-66.02	-68.21	3.69	-1.51	-13.00	-53.02
364.65	S	-60.71	-64.62	5.87	-1.96	-13.00	-47.71
469.41	S	-68.41	-71.94	5.66	-2.12	-13.00	-55.41
733.25	S	-66.74	-69.54	5.46	-2.66	-13.00	-53.74
938.89	S	-63.33	-65.54	5.39	-3.19	-13.00	-50.33

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

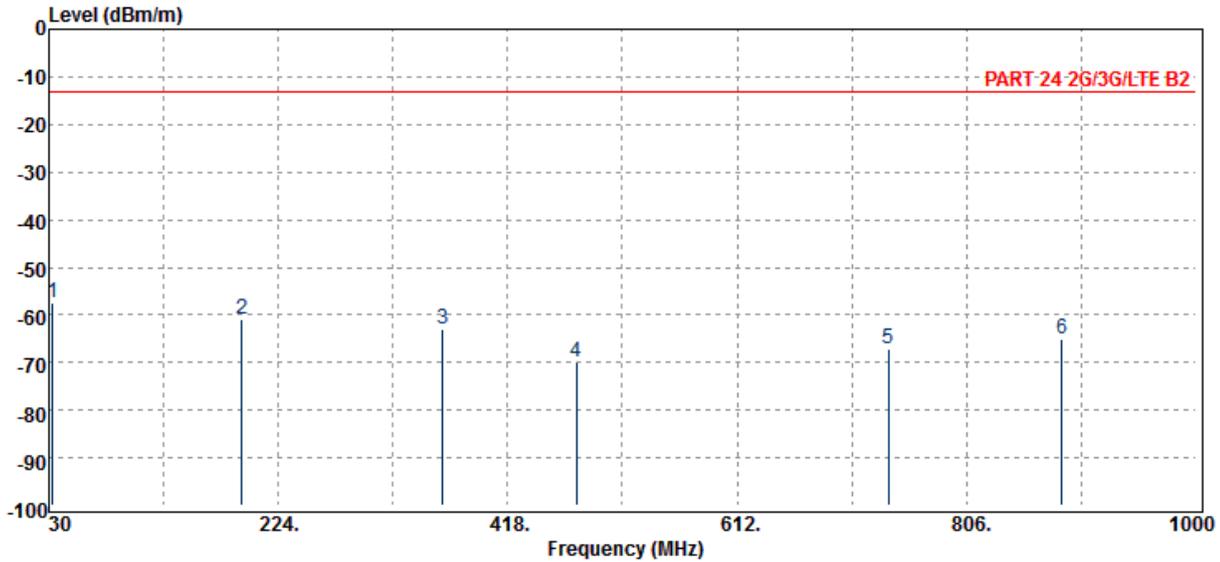
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 810	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1909.8 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
32.91	S	-57.46	-44.72	-11.98	-0.76	-13.00	-44.46
192.96	S	-61.01	-64.46	4.97	-1.52	-13.00	-48.01
362.71	S	-62.96	-66.88	5.87	-1.96	-13.00	-49.96
476.20	S	-69.89	-73.45	5.72	-2.16	-13.00	-56.89
740.04	S	-67.16	-69.94	5.45	-2.67	-13.00	-54.16
886.51	S	-65.09	-67.45	5.47	-3.10	-13.00	-52.09

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

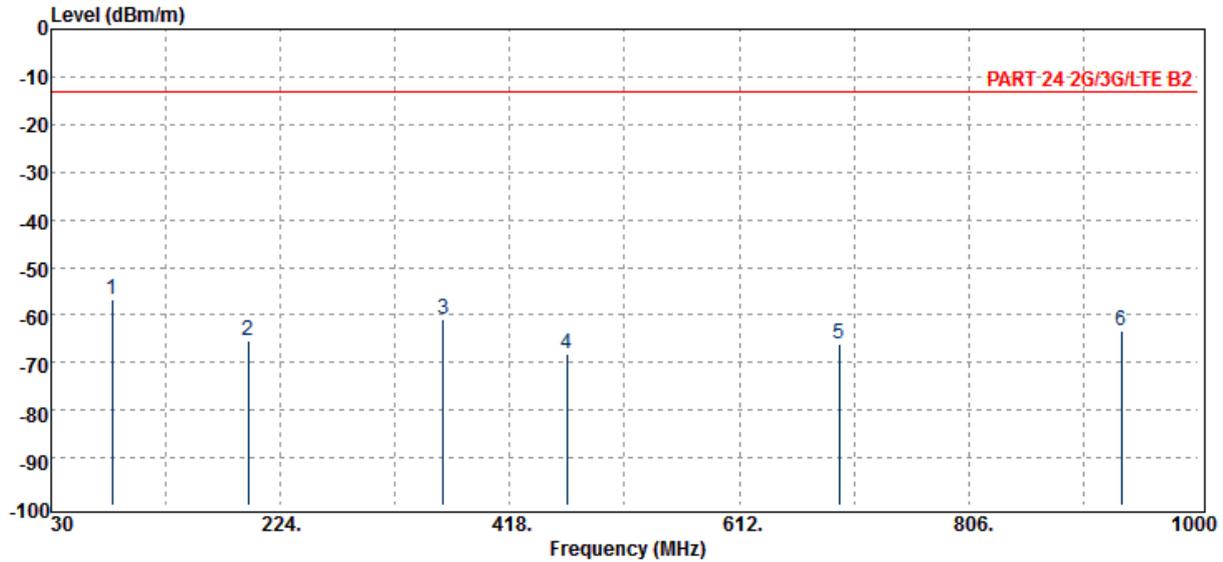
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: HSDPA II Mode

ARFCN	:CH 9262	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1852.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-56.90	-55.58	-0.26	-1.06	-13.00	-43.90
196.84	S	-65.41	-69.07	5.18	-1.53	-13.00	-52.41
361.74	S	-60.99	-64.91	5.88	-1.96	-13.00	-47.99
466.50	S	-68.28	-71.80	5.64	-2.11	-13.00	-55.28
696.39	S	-66.23	-69.16	5.55	-2.61	-13.00	-53.23
935.01	S	-63.18	-65.39	5.39	-3.18	-13.00	-50.18

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

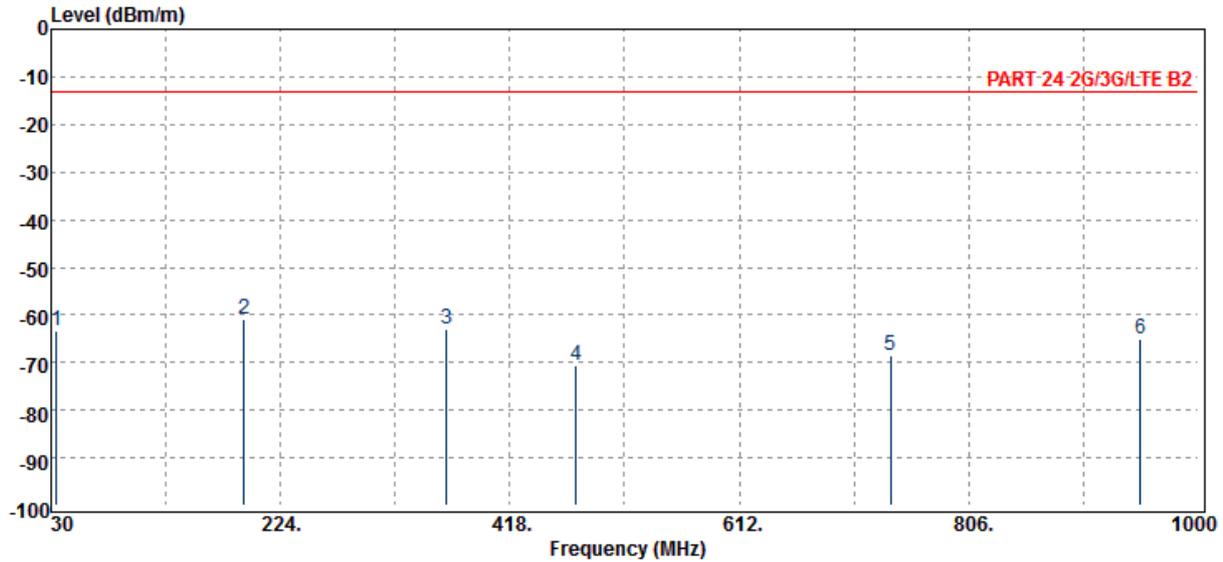
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 9262	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1852.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



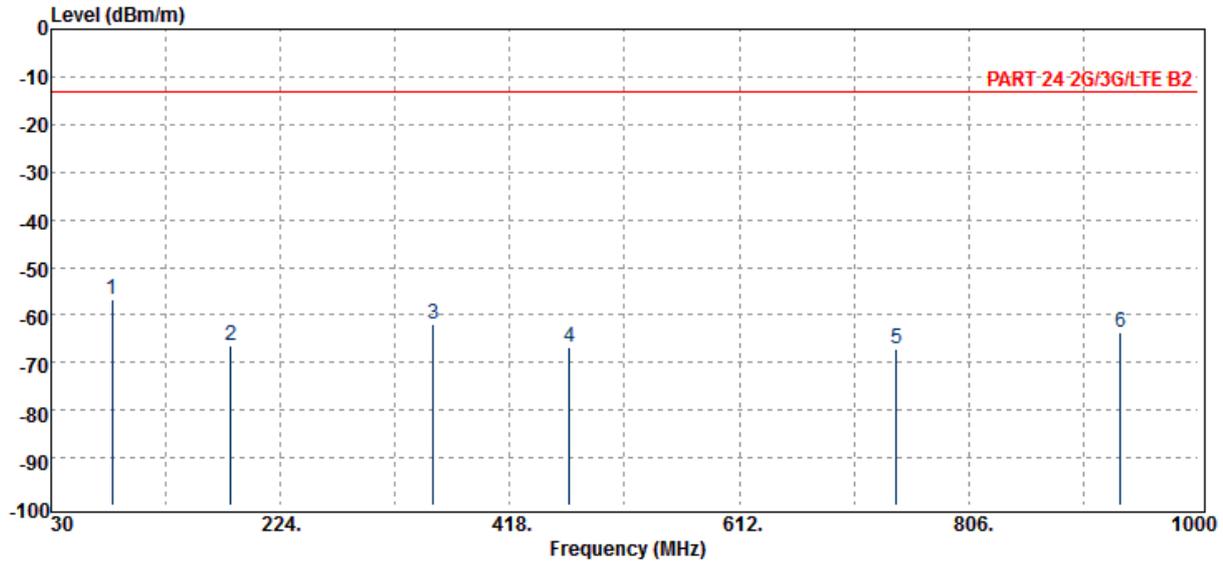
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
34.85	S	-63.15	-50.85	-11.52	-0.78	-13.00	-50.15
192.96	S	-60.98	-64.43	4.97	-1.52	-13.00	-47.98
364.65	S	-62.89	-66.79	5.87	-1.96	-13.00	-49.89
474.26	S	-70.66	-74.22	5.70	-2.15	-13.00	-57.66
740.04	S	-68.63	-71.41	5.45	-2.67	-13.00	-55.63
951.50	S	-65.11	-67.19	5.28	-3.20	-13.00	-52.11

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

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

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

ARFCN	:CH 9400	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1880.0 MHz	Engineer	:Tin
Operation Mode	:TX MID	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



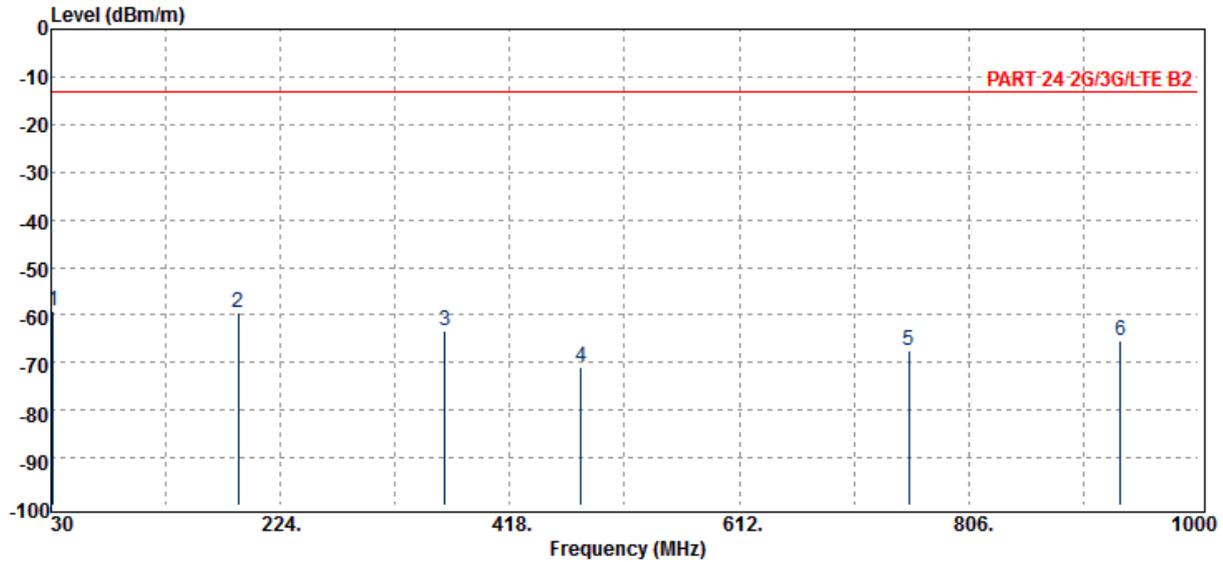
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-56.59	-55.27	-0.26	-1.06	-13.00	-43.59
182.29	S	-66.47	-68.49	3.53	-1.50	-13.00	-53.47
353.01	S	-61.89	-65.83	5.90	-1.97	-13.00	-48.89
468.44	S	-66.86	-70.40	5.65	-2.12	-13.00	-53.86
744.89	S	-67.04	-69.79	5.44	-2.68	-13.00	-54.04
934.04	S	-63.60	-65.82	5.39	-3.18	-13.00	-50.60

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

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

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

ARFCN	:CH 9400	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1880.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



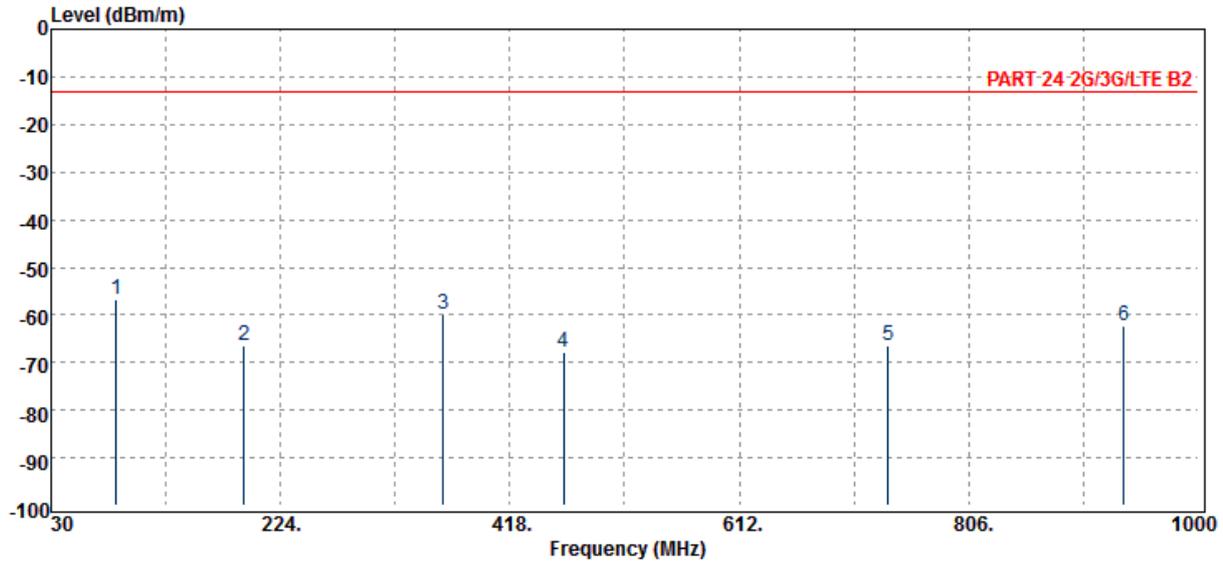
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
31.94	S	-59.21	-46.23	-12.22	-0.75	-13.00	-46.21
188.11	S	-59.66	-62.65	4.50	-1.51	-13.00	-46.66
362.71	S	-63.41	-67.32	5.87	-1.96	-13.00	-50.41
478.14	S	-71.01	-74.57	5.73	-2.17	-13.00	-58.01
755.56	S	-67.56	-70.30	5.45	-2.71	-13.00	-54.56
934.04	S	-65.46	-67.67	5.39	-3.18	-13.00	-52.46

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

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

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

ARFCN	:CH 9538	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1907.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
85.29	S	-56.89	-56.47	0.65	-1.07	-13.00	-43.89
192.96	S	-66.43	-69.88	4.97	-1.52	-13.00	-53.43
361.74	S	-59.90	-63.82	5.88	-1.96	-13.00	-46.90
463.59	S	-67.71	-71.21	5.61	-2.10	-13.00	-54.71
738.10	S	-66.28	-69.06	5.45	-2.67	-13.00	-53.28
936.95	S	-62.40	-64.61	5.39	-3.18	-13.00	-49.40

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

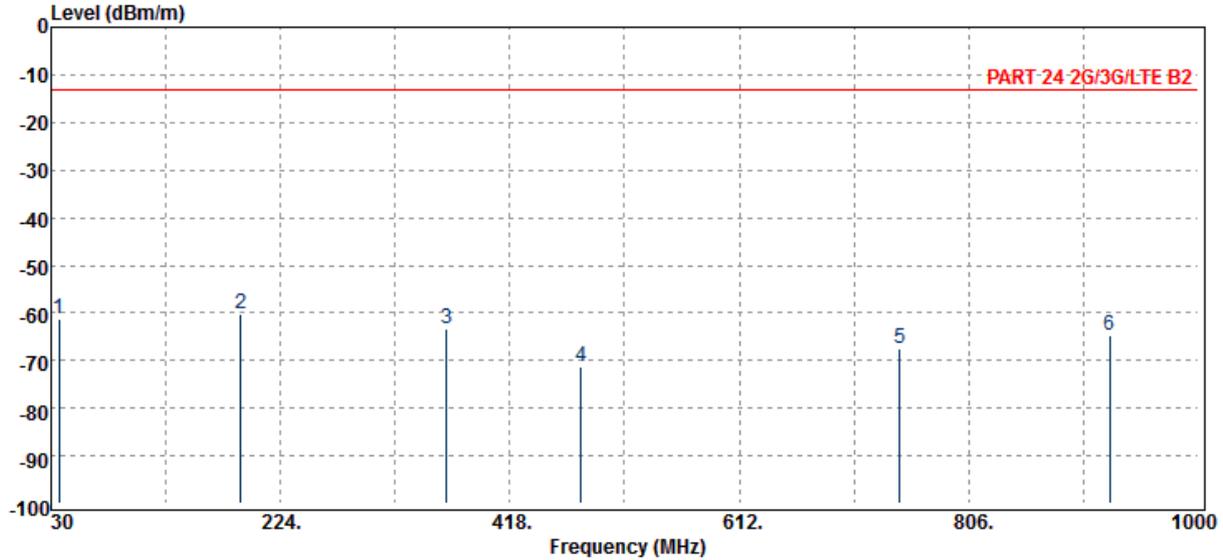
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 9538	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1907.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
36.79	S	-61.38	-49.41	-11.17	-0.80	-13.00	-48.38
190.05	S	-60.23	-63.52	4.81	-1.52	-13.00	-47.23
364.65	S	-63.36	-67.27	5.87	-1.96	-13.00	-50.36
478.14	S	-71.45	-75.01	5.73	-2.17	-13.00	-58.45
747.80	S	-67.57	-70.32	5.44	-2.69	-13.00	-54.57
925.31	S	-64.62	-66.85	5.40	-3.17	-13.00	-51.62

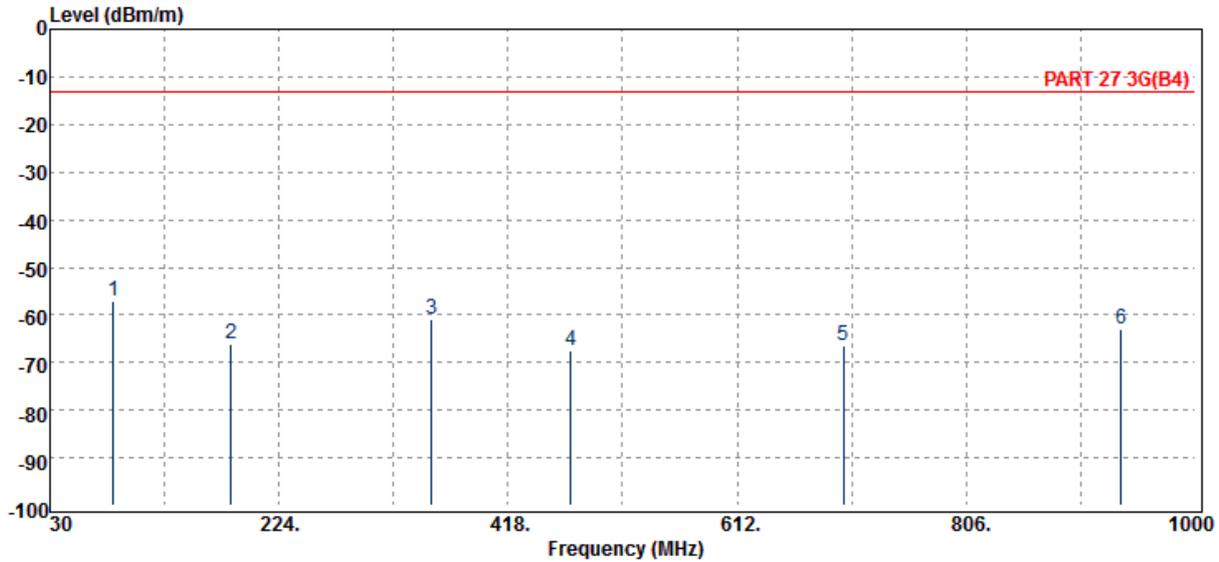
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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

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

Radiated Spurious Emission Measurement Result: HSDPA IV Mode

ARFCN	:CH 1312	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1712.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



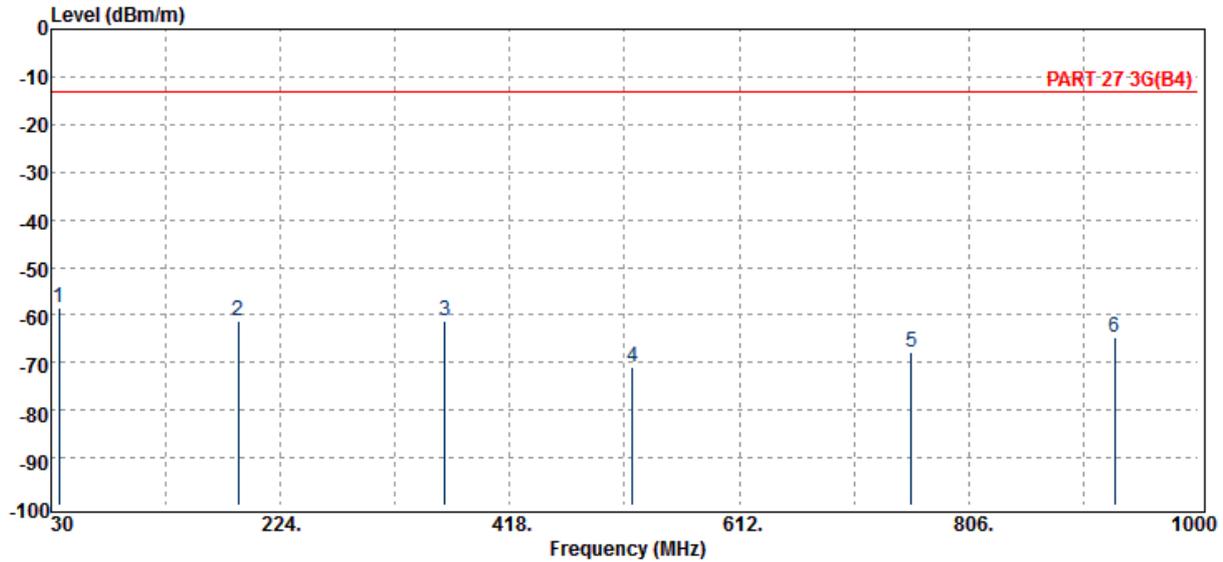
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
83.35	S	-57.07	-56.20	0.20	-1.06	-13.00	-44.07
183.26	S	-65.96	-68.14	3.69	-1.51	-13.00	-52.96
353.01	S	-60.87	-64.80	5.90	-1.97	-13.00	-47.87
471.35	S	-67.48	-71.03	5.68	-2.13	-13.00	-54.48
702.21	S	-66.55	-69.47	5.53	-2.61	-13.00	-53.55
936.95	S	-62.83	-65.03	5.39	-3.18	-13.00	-49.83

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

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

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

ARFCN	:CH 1312	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1712.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
36.79	S	-58.60	-46.63	-11.17	-0.80	-13.00	-45.60
188.11	S	-61.21	-64.20	4.50	-1.51	-13.00	-48.21
362.71	S	-61.35	-65.26	5.87	-1.96	-13.00	-48.35
521.79	S	-70.82	-74.22	5.83	-2.42	-13.00	-57.82
757.50	S	-67.95	-70.69	5.46	-2.71	-13.00	-54.95
929.19	S	-64.86	-67.09	5.40	-3.17	-13.00	-51.86

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

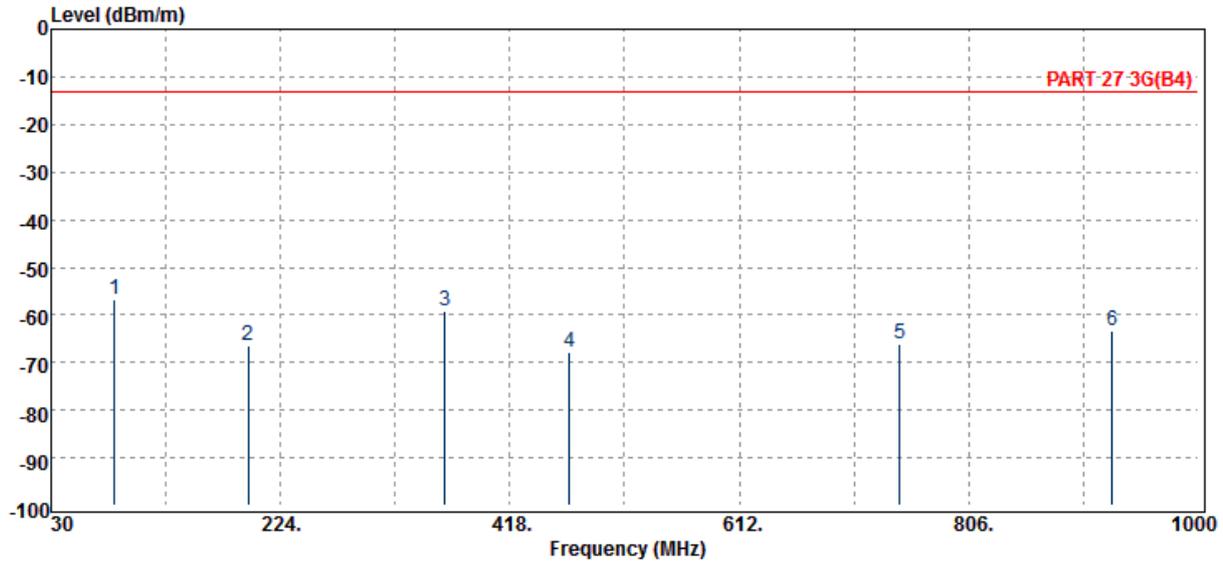
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 1413	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1732.6 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
83.35	S	-56.89	-56.02	0.20	-1.06	-13.00	-43.89
196.84	S	-66.48	-70.14	5.18	-1.53	-13.00	-53.48
362.71	S	-59.00	-62.92	5.87	-1.96	-13.00	-46.00
468.44	S	-67.66	-71.20	5.65	-2.12	-13.00	-54.66
747.80	S	-66.09	-68.84	5.44	-2.69	-13.00	-53.09
927.25	S	-63.46	-65.69	5.40	-3.17	-13.00	-50.46

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

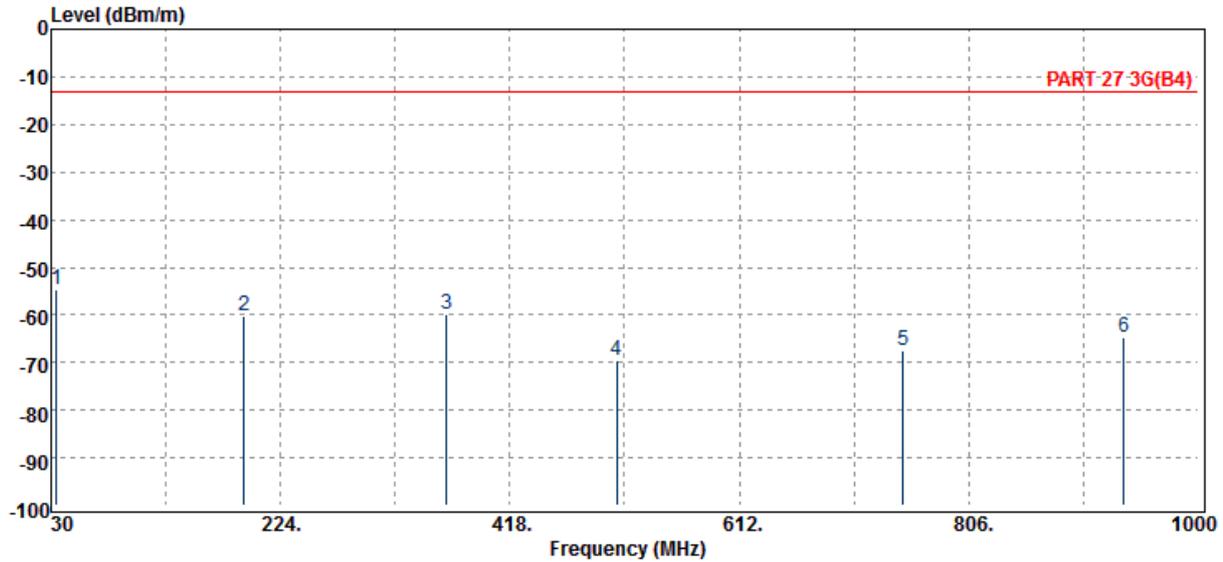
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 1413	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1732.6 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



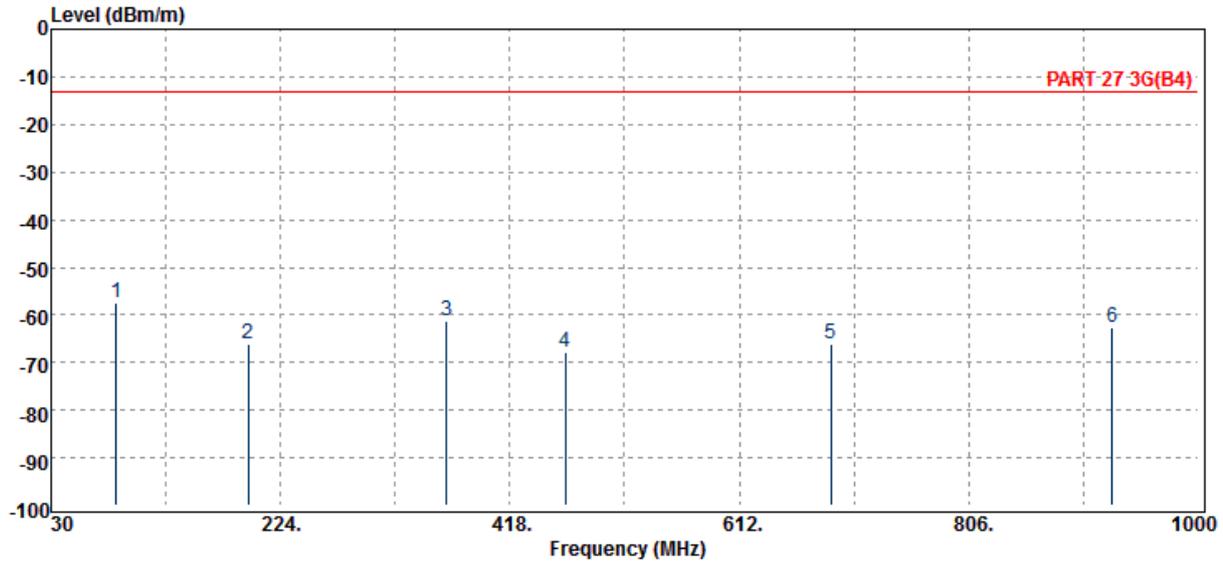
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
34.85	S	-54.76	-42.46	-11.52	-0.78	-13.00	-41.76
192.96	S	-60.36	-63.81	4.97	-1.52	-13.00	-47.36
364.65	S	-59.85	-63.76	5.87	-1.96	-13.00	-46.85
508.21	S	-69.41	-72.94	5.88	-2.35	-13.00	-56.41
750.71	S	-67.33	-70.07	5.43	-2.70	-13.00	-54.33
936.95	S	-64.84	-67.05	5.39	-3.18	-13.00	-51.84

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

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

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

ARFCN	:CH 1513	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1752.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



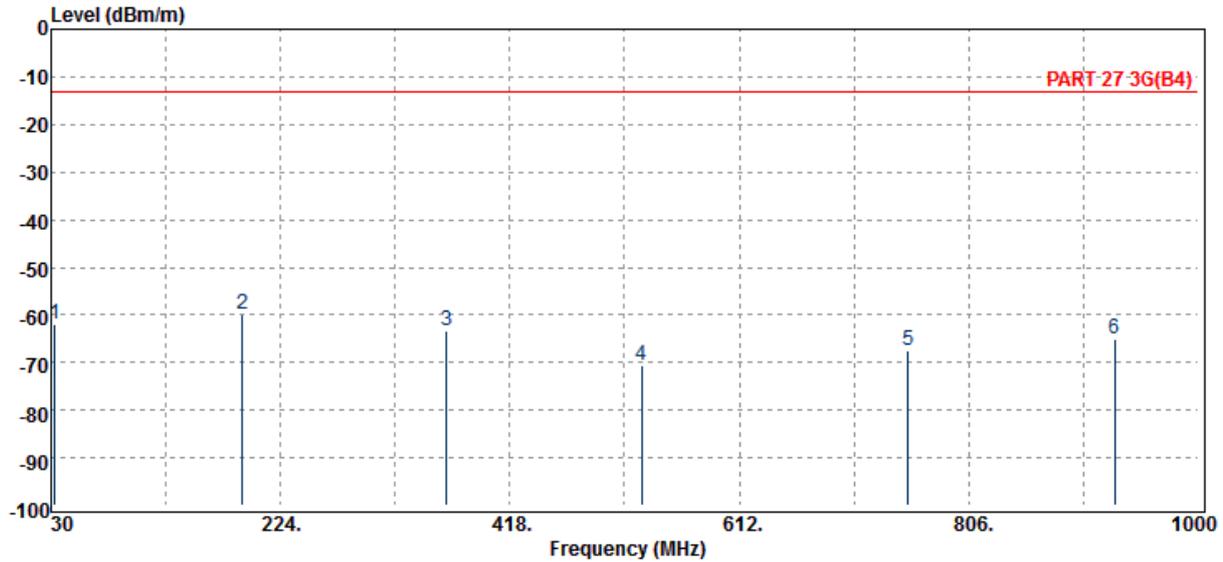
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
85.29	S	-57.30	-56.88	0.65	-1.07	-13.00	-44.30
196.84	S	-66.18	-69.83	5.18	-1.53	-13.00	-53.18
364.65	S	-61.39	-65.30	5.87	-1.96	-13.00	-48.39
464.56	S	-67.89	-71.40	5.62	-2.11	-13.00	-54.89
689.60	S	-66.21	-69.18	5.58	-2.62	-13.00	-53.21
927.25	S	-62.51	-64.74	5.40	-3.17	-13.00	-49.51

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

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

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

ARFCN	:CH 1513	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1752.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
32.91	S	-62.01	-49.26	-11.98	-0.76	-13.00	-49.01
191.99	S	-59.90	-63.30	4.92	-1.52	-13.00	-46.90
364.65	S	-63.30	-67.20	5.87	-1.96	-13.00	-50.30
529.55	S	-70.47	-73.81	5.81	-2.47	-13.00	-57.47
754.59	S	-67.60	-70.34	5.45	-2.71	-13.00	-54.60
929.19	S	-65.14	-67.36	5.40	-3.17	-13.00	-52.14

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

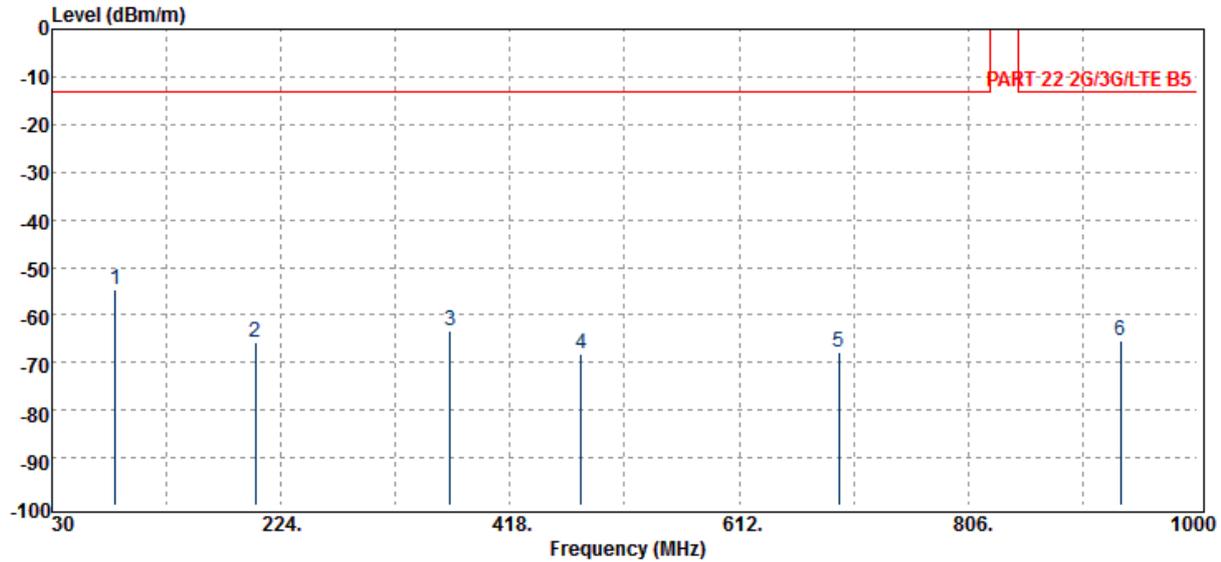
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: HSDPA V Mode

ARFCN	:CH 4132	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:826.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

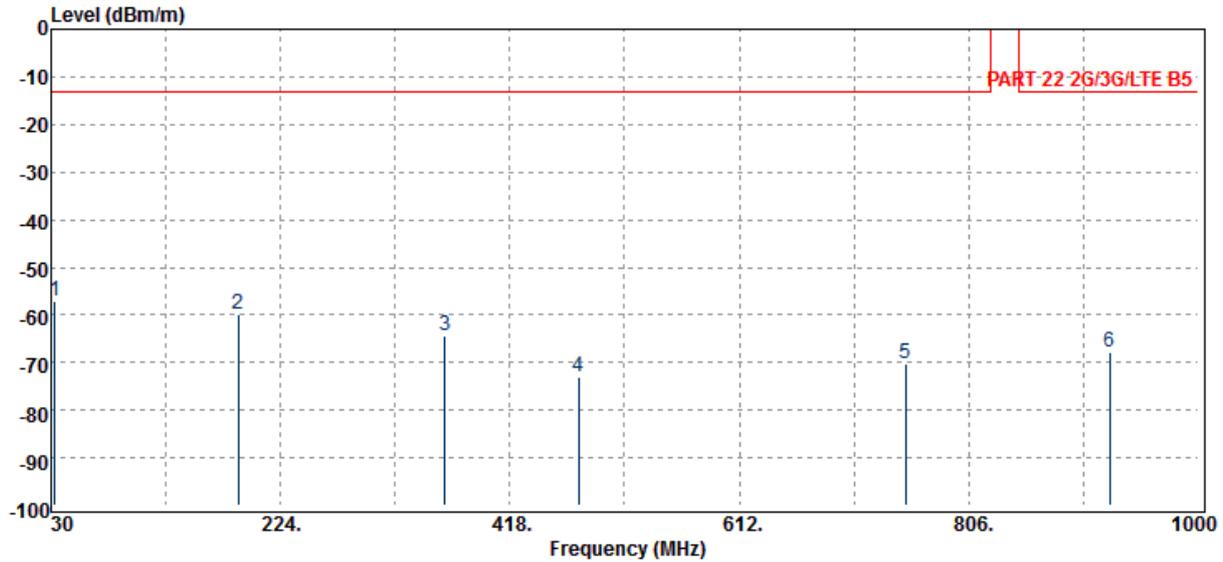


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
83.35	S	-54.69	-51.67	-1.95	-1.06	-13.00	-41.69
202.66	S	-65.67	-67.48	3.34	-1.54	-13.00	-52.67
367.56	S	-63.33	-65.08	3.71	-1.96	-13.00	-50.33
478.14	S	-68.07	-69.48	3.58	-2.17	-13.00	-55.07
696.39	S	-67.79	-68.58	3.40	-2.61	-13.00	-54.79
935.01	S	-65.53	-65.59	3.24	-3.18	-13.00	-52.53

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

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

ARFCN	:CH 4132	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:826.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



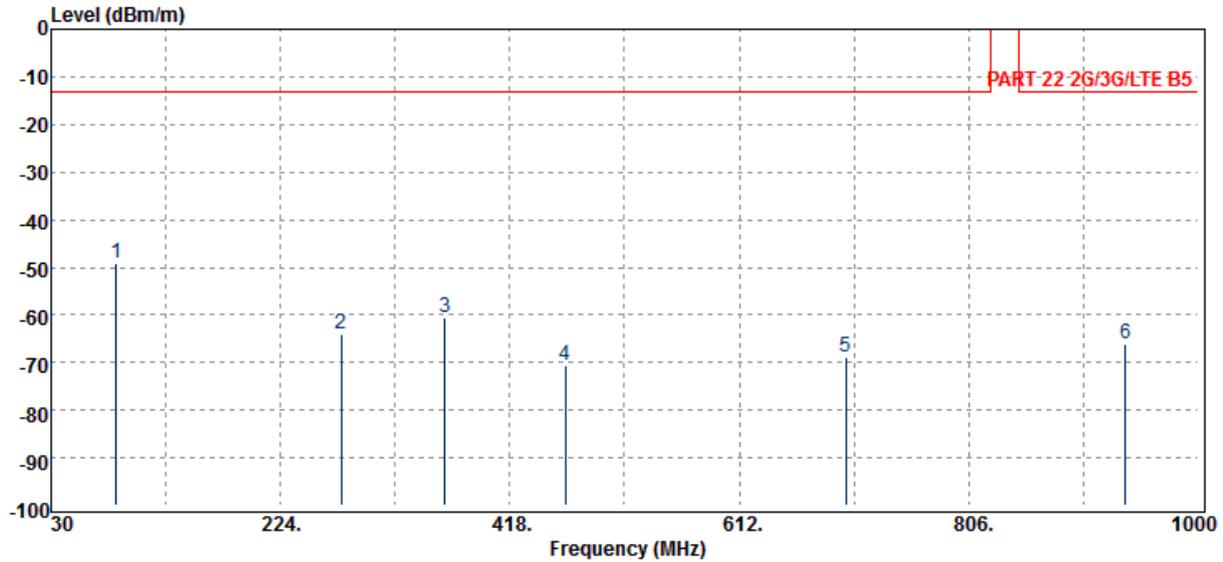
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
32.91	S	-56.93	-42.03	-14.13	-0.76	-13.00	-43.93
188.11	S	-59.97	-60.80	2.35	-1.51	-13.00	-46.97
362.71	S	-64.38	-66.14	3.72	-1.96	-13.00	-51.38
476.20	S	-72.86	-74.26	3.57	-2.16	-13.00	-59.86
752.65	S	-70.22	-70.81	3.29	-2.70	-13.00	-57.22
925.31	S	-67.78	-67.86	3.25	-3.17	-13.00	-54.78

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.

ARFCN	:CH 4183	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.6 MHz	Engineer	:Tin
Operation Mode	:TX MID	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



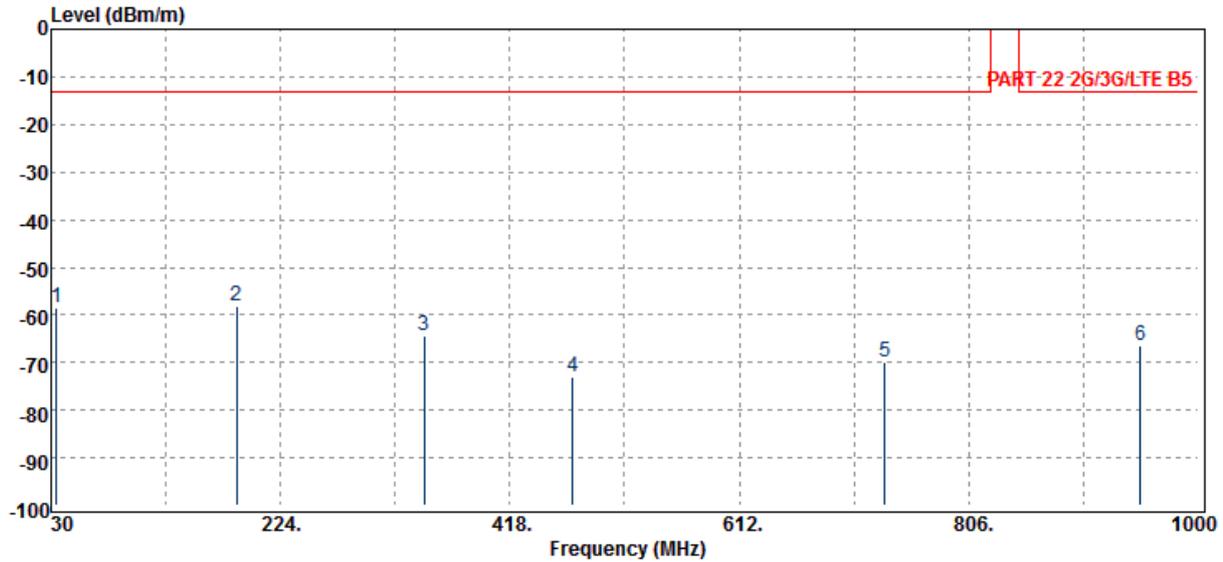
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
85.29	S	-49.11	-46.54	-1.50	-1.07	-13.00	-36.11
275.41	S	-63.97	-65.72	3.45	-1.71	-13.00	-50.97
362.71	S	-60.54	-62.30	3.72	-1.96	-13.00	-47.54
464.56	S	-70.48	-71.84	3.47	-2.11	-13.00	-57.48
702.21	S	-68.82	-69.59	3.38	-2.61	-13.00	-55.82
938.89	S	-65.98	-66.03	3.24	-3.19	-13.00	-52.98

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

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

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

ARFCN	:CH 4183	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.6 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



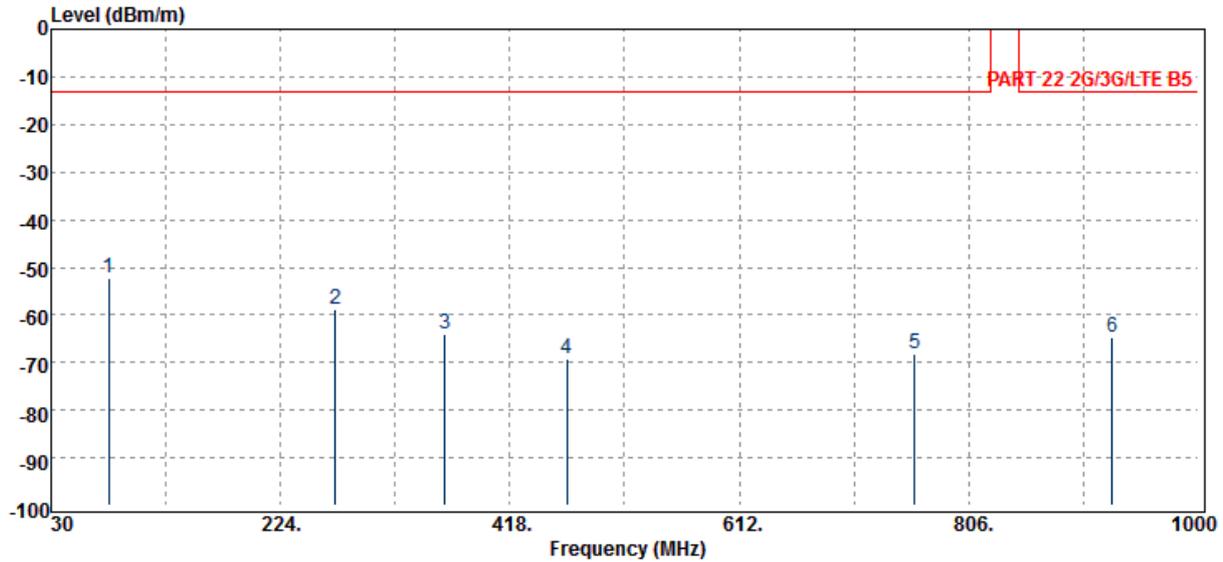
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
34.85	S	-58.55	-44.09	-13.67	-0.78	-13.00	-45.55
187.14	S	-58.18	-58.85	2.19	-1.51	-13.00	-45.18
345.25	S	-64.35	-66.15	3.75	-1.95	-13.00	-51.35
471.35	S	-73.02	-74.42	3.53	-2.13	-13.00	-60.02
735.19	S	-69.73	-70.38	3.31	-2.66	-13.00	-56.73
951.50	S	-66.46	-66.39	3.13	-3.20	-13.00	-53.46

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

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

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

ARFCN	:CH 4233	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:846.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



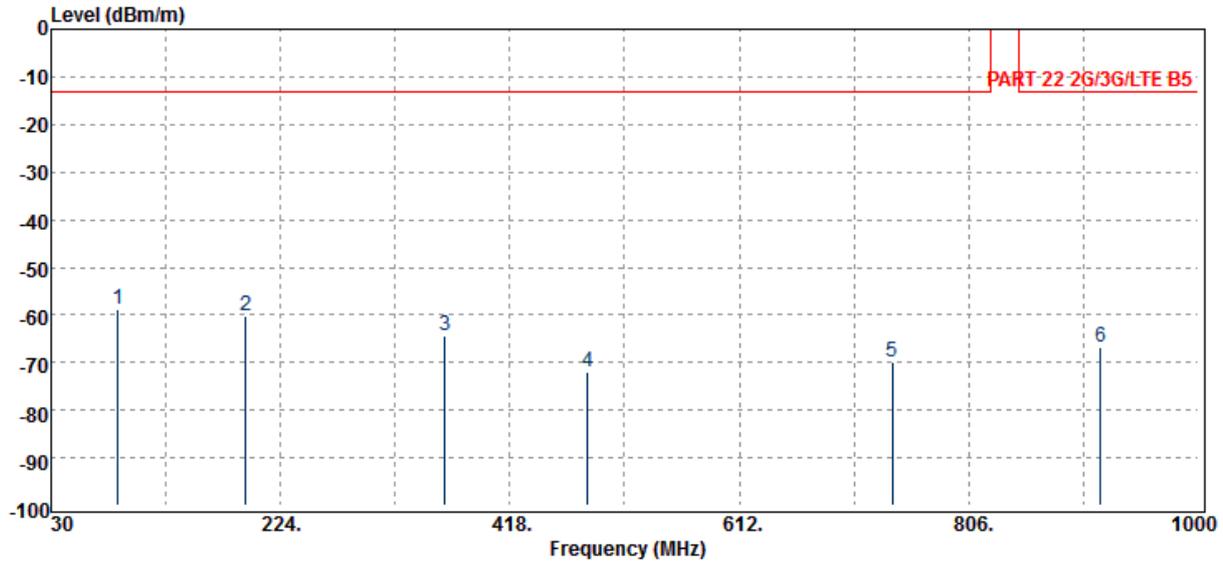
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
78.50	S	-52.27	-48.03	-3.19	-1.05	-13.00	-39.27
270.56	S	-58.92	-60.82	3.59	-1.69	-13.00	-45.92
362.71	S	-64.18	-65.95	3.72	-1.96	-13.00	-51.18
466.50	S	-69.34	-70.72	3.49	-2.11	-13.00	-56.34
760.41	S	-68.25	-68.85	3.32	-2.72	-13.00	-55.25
927.25	S	-64.87	-64.95	3.25	-3.17	-13.00	-51.87

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.

ARFCN	:CH 4233	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:846.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
86.26	S	-58.91	-56.57	-1.27	-1.08	-13.00	-45.91
194.90	S	-60.11	-61.51	2.93	-1.53	-13.00	-47.11
362.71	S	-64.39	-66.16	3.72	-1.96	-13.00	-51.39
483.96	S	-72.03	-73.46	3.63	-2.21	-13.00	-59.03
741.01	S	-69.76	-70.39	3.30	-2.67	-13.00	-56.76
917.55	S	-66.87	-66.97	3.25	-3.16	-13.00	-53.87

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

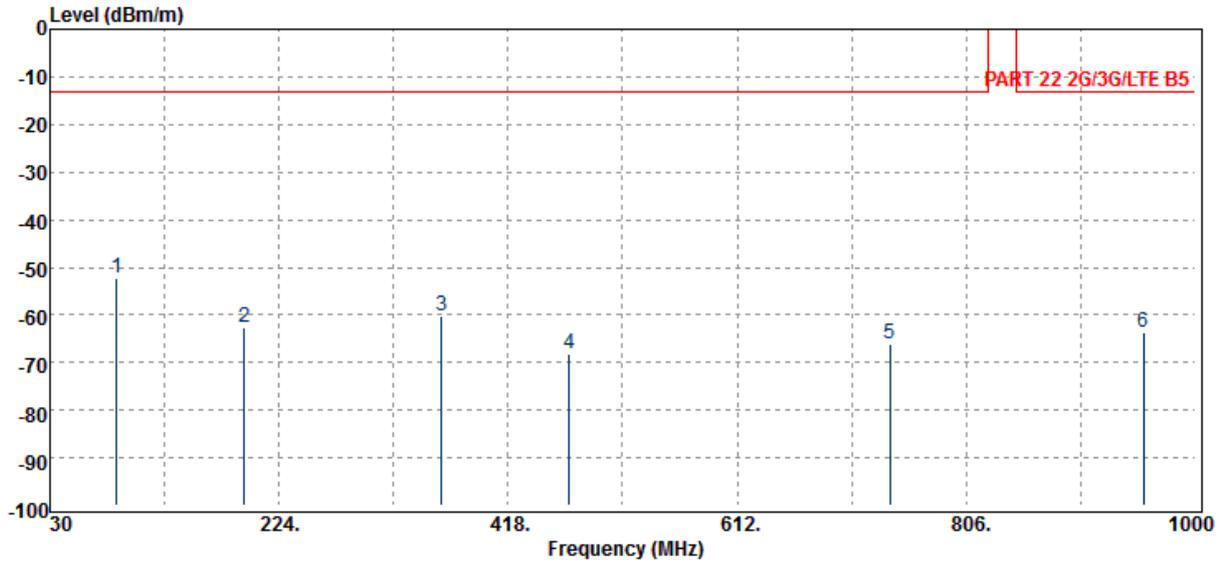
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: CDMA BC0 Mode

ARFCN	:CH 1013	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:824.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



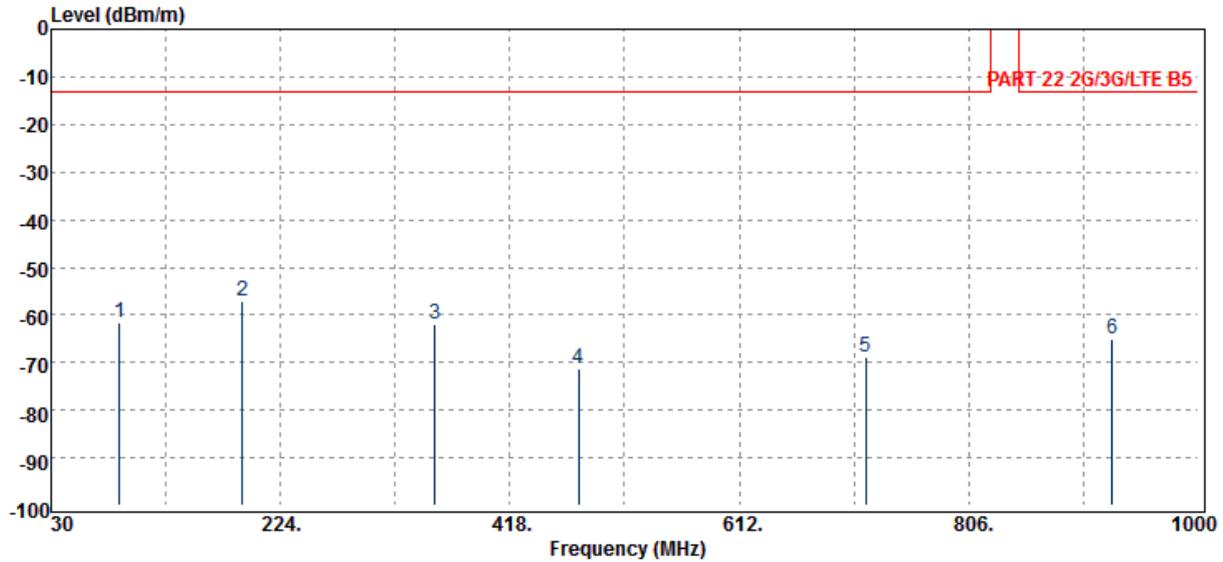
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
86.26	S	-52.28	-52.08	0.88	-1.08	-13.00	-39.28
194.90	S	-62.49	-66.04	5.08	-1.53	-13.00	-49.49
361.74	S	-60.28	-64.19	5.88	-1.96	-13.00	-47.28
469.41	S	-68.26	-71.80	5.66	-2.12	-13.00	-55.26
741.01	S	-65.97	-68.74	5.45	-2.67	-13.00	-52.97
956.35	S	-63.50	-65.25	4.96	-3.21	-13.00	-50.50

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

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

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

ARFCN	:CH 1013	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:824.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



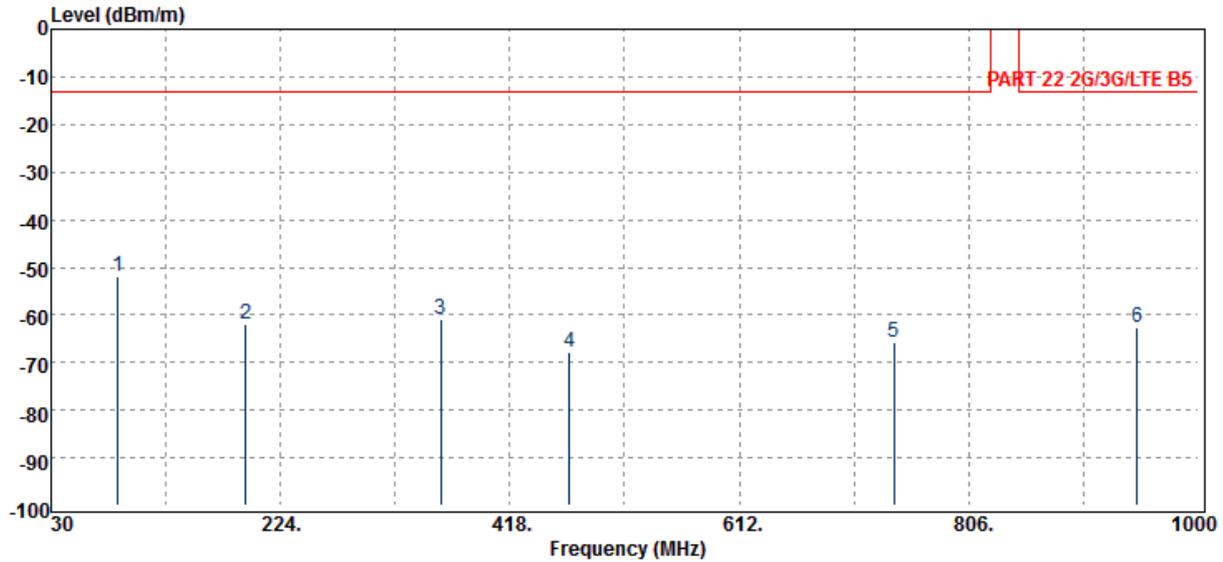
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
88.20	S	-61.55	-61.78	1.32	-1.08	-13.00	-48.55
191.99	S	-57.05	-60.45	4.92	-1.52	-13.00	-44.05
354.95	S	-62.04	-65.97	5.90	-1.97	-13.00	-49.04
476.20	S	-71.22	-74.78	5.72	-2.16	-13.00	-58.22
718.70	S	-68.83	-71.70	5.49	-2.62	-13.00	-55.83
927.25	S	-65.07	-67.30	5.40	-3.17	-13.00	-52.07

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

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

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

ARFCN	:CH 384	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:836.52 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
86.26	S	-51.73	-51.53	0.88	-1.08	-13.00	-38.73
194.90	S	-62.03	-65.58	5.08	-1.53	-13.00	-49.03
359.80	S	-60.79	-64.71	5.88	-1.96	-13.00	-47.79
468.44	S	-67.89	-71.42	5.65	-2.12	-13.00	-54.89
742.95	S	-65.75	-68.52	5.45	-2.68	-13.00	-52.75
948.59	S	-62.75	-64.94	5.39	-3.20	-13.00	-49.75

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

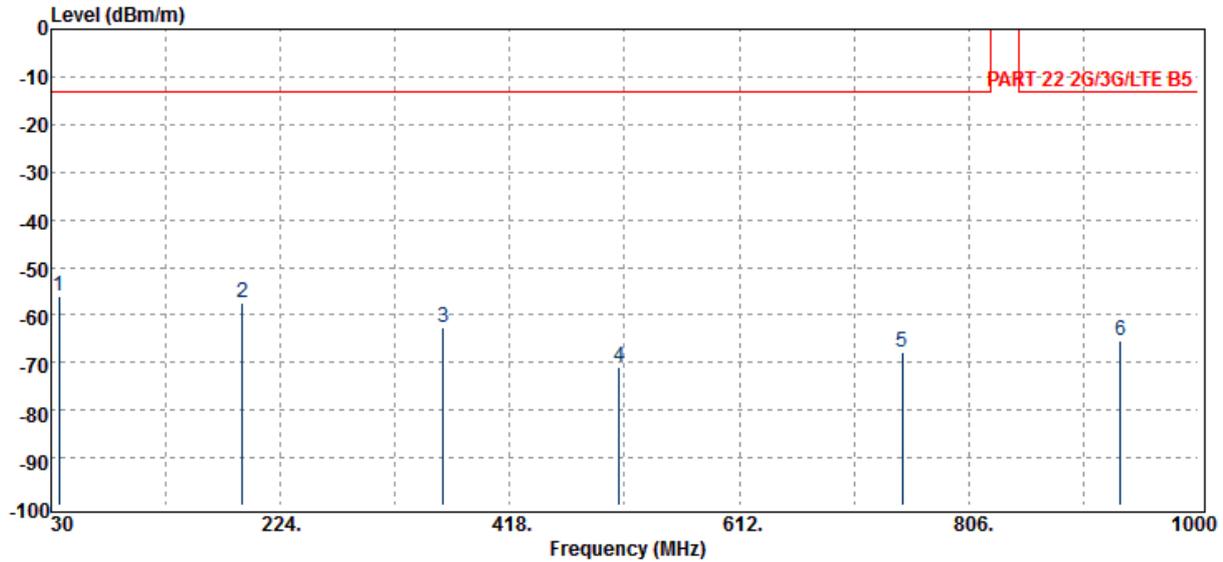
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 384	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:836.52 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



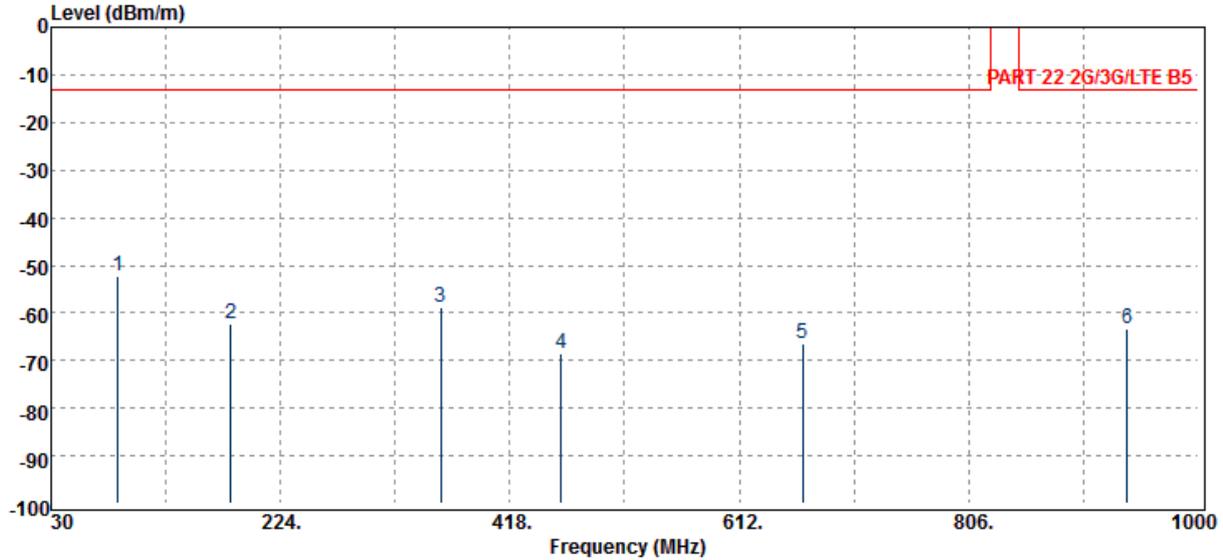
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
36.79	S	-56.18	-44.21	-11.17	-0.80	-13.00	-43.18
191.99	S	-57.36	-60.76	4.92	-1.52	-13.00	-44.36
361.74	S	-62.49	-66.40	5.88	-1.96	-13.00	-49.49
510.15	S	-70.93	-74.44	5.87	-2.36	-13.00	-57.93
749.74	S	-67.67	-70.40	5.43	-2.70	-13.00	-54.67
934.04	S	-65.31	-67.52	5.39	-3.18	-13.00	-52.31

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.

ARFCN	:CH 777	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:848.31 MHz	Engineer	:Tin
Operation Mode	:TX HIGH	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
86.26	S	-52.18	-51.99	0.88	-1.08	-13.00	-39.18
182.29	S	-62.32	-64.34	3.53	-1.50	-13.00	-49.32
359.80	S	-58.78	-62.70	5.88	-1.96	-13.00	-45.78
461.65	S	-68.39	-71.89	5.59	-2.10	-13.00	-55.39
665.35	S	-66.54	-69.61	5.71	-2.64	-13.00	-53.54
939.86	S	-63.41	-65.62	5.39	-3.19	-13.00	-50.41

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

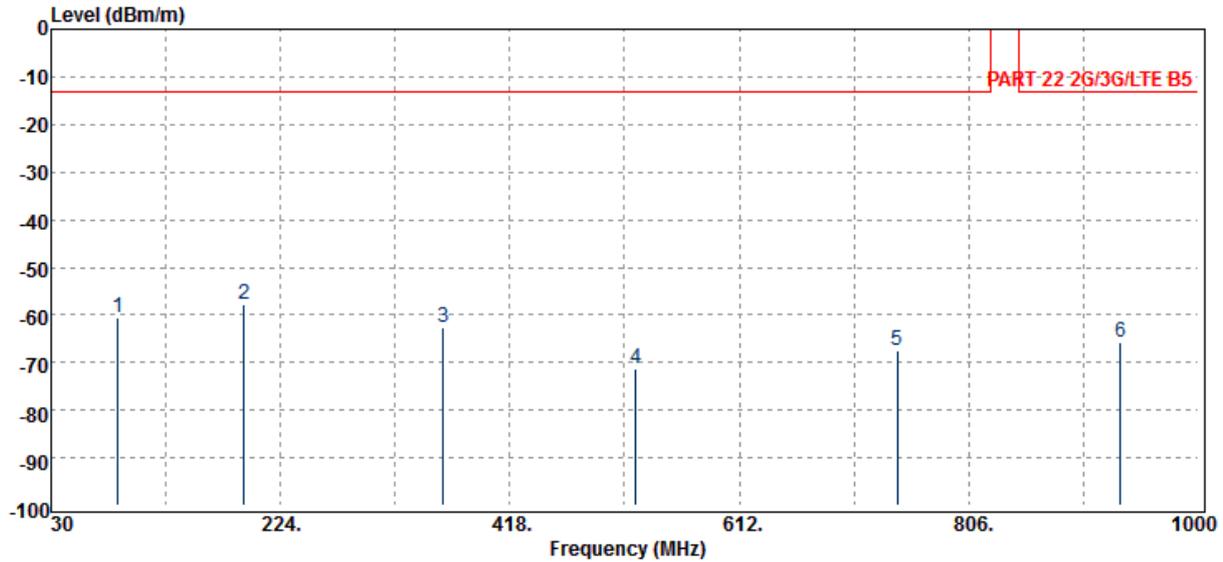
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 777	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:848.31 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
86.26	S	-60.46	-60.27	0.88	-1.08	-13.00	-47.46
192.96	S	-57.84	-61.29	4.97	-1.52	-13.00	-44.84
361.74	S	-62.61	-66.53	5.88	-1.96	-13.00	-49.61
524.70	S	-71.18	-74.56	5.82	-2.44	-13.00	-58.18
745.86	S	-67.31	-70.06	5.44	-2.69	-13.00	-54.31
934.04	S	-65.65	-67.87	5.39	-3.18	-13.00	-52.65

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

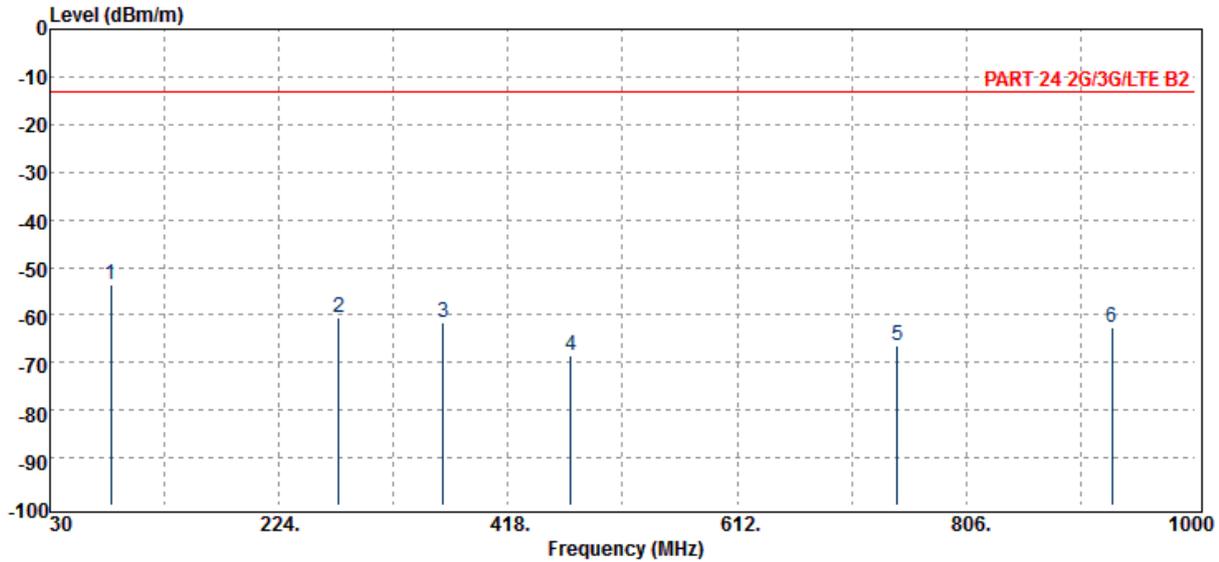
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: CDMA BC1 Mode

ARFCN	:CH 25	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1851.25 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



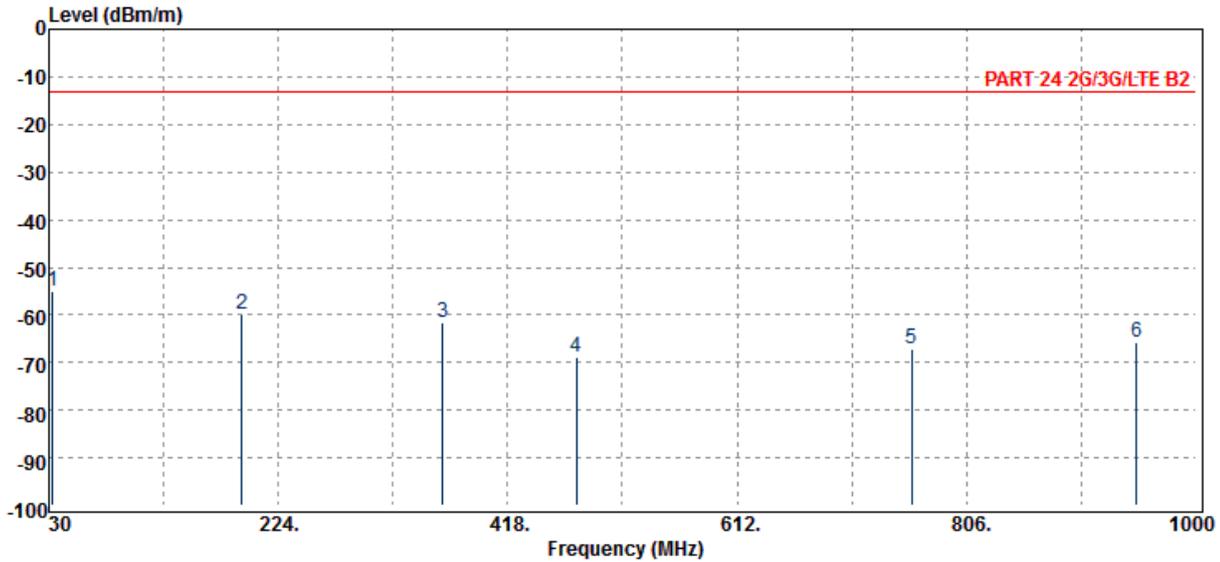
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-53.67	-52.35	-0.26	-1.06	-13.00	-40.67
274.44	S	-60.48	-64.41	5.63	-1.70	-13.00	-47.48
362.71	S	-61.45	-65.37	5.87	-1.96	-13.00	-48.45
471.35	S	-68.37	-71.92	5.68	-2.13	-13.00	-55.37
747.80	S	-66.56	-69.31	5.44	-2.69	-13.00	-53.56
929.19	S	-62.63	-64.85	5.40	-3.17	-13.00	-49.63

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.

ARFCN	:CH 25	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1851.25 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
32.91	S	-55.10	-42.36	-11.98	-0.76	-13.00	-42.10
192.96	S	-59.98	-63.43	4.97	-1.52	-13.00	-46.98
362.71	S	-61.61	-65.53	5.87	-1.96	-13.00	-48.61
476.20	S	-68.72	-72.28	5.72	-2.16	-13.00	-55.72
759.44	S	-67.15	-69.90	5.46	-2.72	-13.00	-54.15
949.56	S	-65.70	-67.88	5.38	-3.20	-13.00	-52.70

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

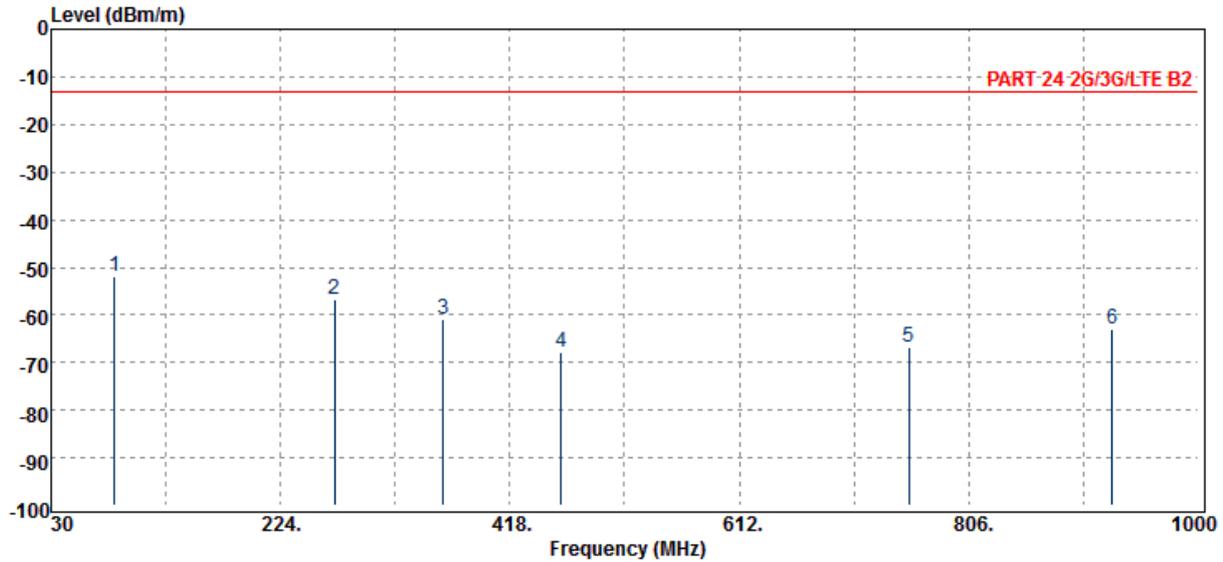
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 600	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1880 MHz	Engineer	:Tin
Operation Mode	:TX MID	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
83.35	S	-51.81	-50.95	0.20	-1.06	-13.00	-38.81
269.59	S	-56.88	-60.95	5.76	-1.69	-13.00	-43.88
361.74	S	-60.87	-64.79	5.88	-1.96	-13.00	-47.87
461.65	S	-67.80	-71.30	5.59	-2.10	-13.00	-54.80
755.56	S	-66.71	-69.45	5.45	-2.71	-13.00	-53.71
927.25	S	-63.09	-65.32	5.40	-3.17	-13.00	-50.09

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

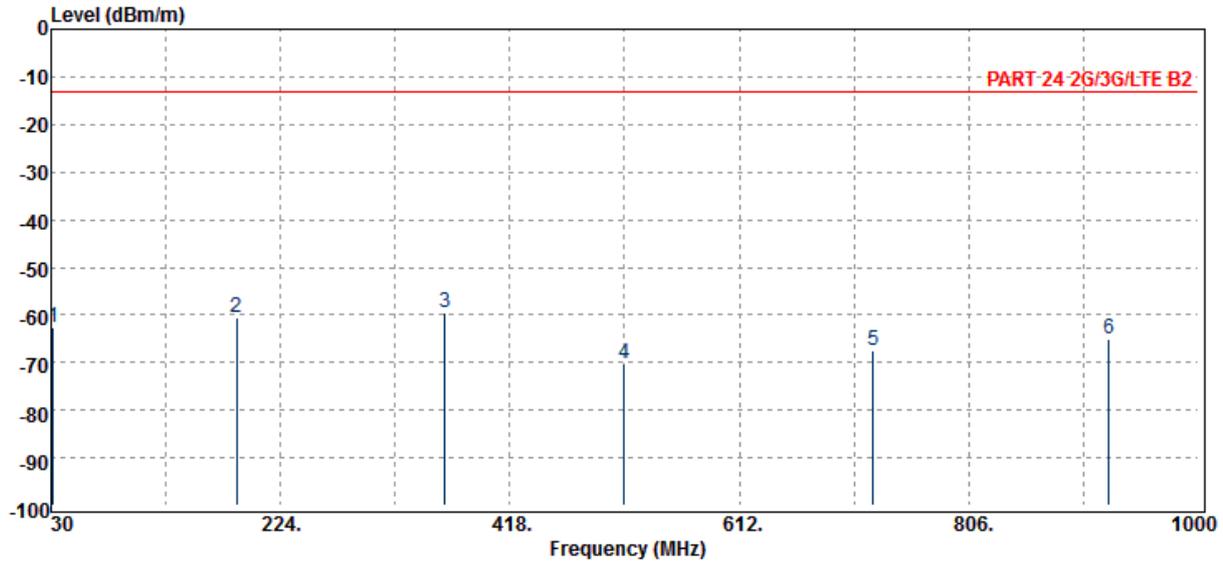
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 600	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1880 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
31.94	S	-62.63	-49.65	-12.22	-0.75	-13.00	-49.63
187.14	S	-60.47	-63.29	4.34	-1.51	-13.00	-47.47
362.71	S	-59.67	-63.58	5.87	-1.96	-13.00	-46.67
515.00	S	-70.33	-73.80	5.86	-2.39	-13.00	-57.33
725.49	S	-67.45	-70.29	5.48	-2.64	-13.00	-54.45
924.34	S	-65.18	-67.41	5.40	-3.17	-13.00	-52.18

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

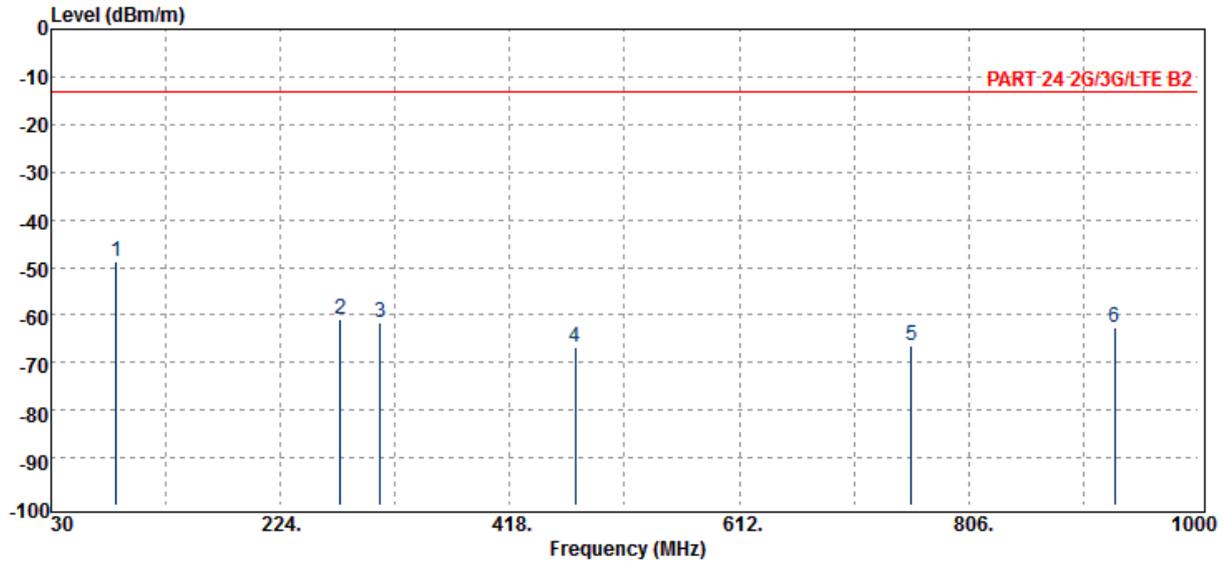
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 1175	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1908.75 MHz	Engineer	:Tin
Operation Mode	:TX HIGH	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
85.29	S	-48.67	-48.25	0.65	-1.07	-13.00	-35.67
274.44	S	-60.74	-64.67	5.63	-1.70	-13.00	-47.74
308.39	S	-61.45	-65.43	5.80	-1.82	-13.00	-48.45
473.29	S	-66.73	-70.28	5.69	-2.14	-13.00	-53.73
757.50	S	-66.50	-69.24	5.46	-2.71	-13.00	-53.50
929.19	S	-62.69	-64.91	5.40	-3.17	-13.00	-49.69

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

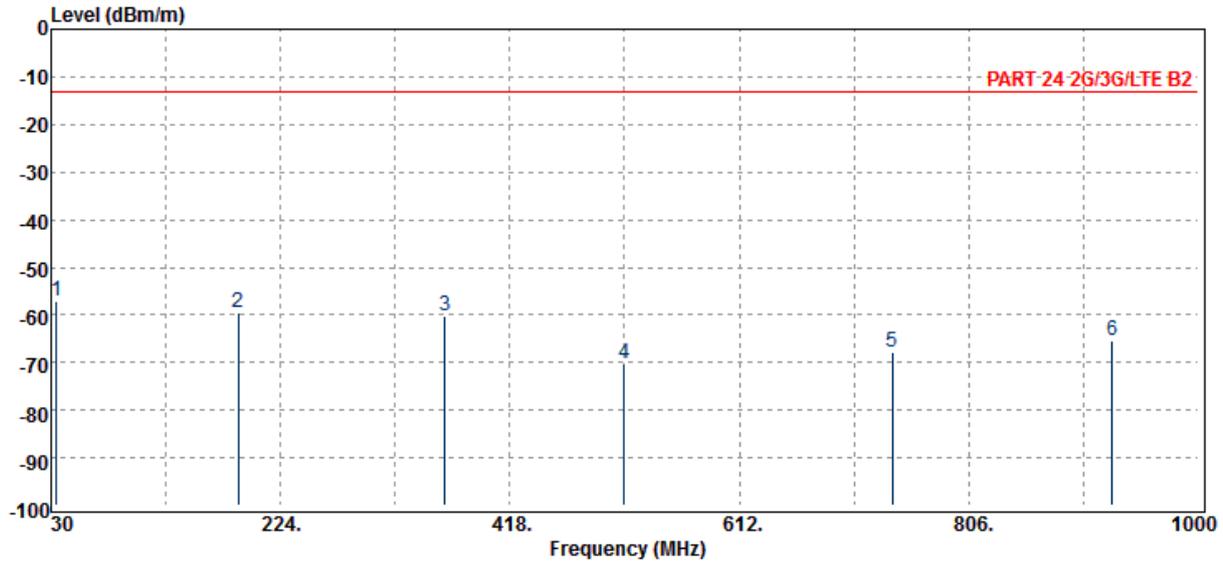
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 1175	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1908.75 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
34.85	S	-57.10	-44.80	-11.52	-0.78	-13.00	-44.10
188.11	S	-59.48	-62.47	4.50	-1.51	-13.00	-46.48
362.71	S	-60.27	-64.18	5.87	-1.96	-13.00	-47.27
515.00	S	-70.13	-73.60	5.86	-2.39	-13.00	-57.13
741.01	S	-67.84	-70.62	5.45	-2.67	-13.00	-54.84
927.25	S	-65.52	-67.75	5.40	-3.17	-13.00	-52.52

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

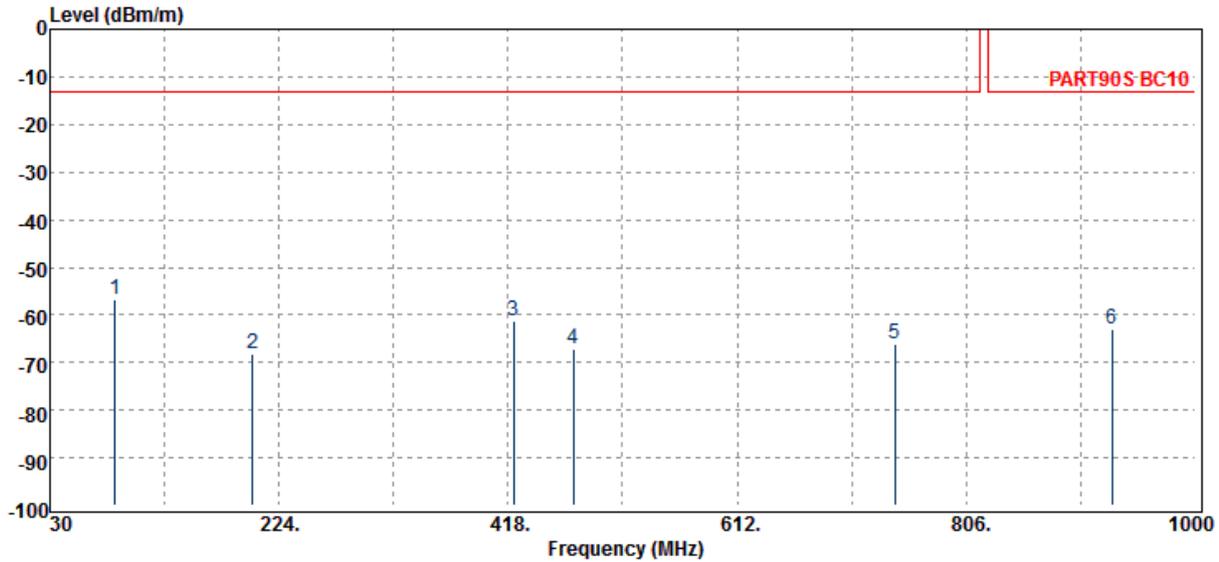
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: CDMA BC10 Mode

ARFCN	:CH 476	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:817.9 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
85.29	S	-56.68	-56.26	0.65	-1.07	-13.00	-43.68
201.69	S	-68.18	-72.09	5.44	-1.54	-13.00	-55.18
422.85	S	-61.17	-64.83	5.64	-1.98	-13.00	-48.17
473.29	S	-67.27	-70.82	5.69	-2.14	-13.00	-54.27
745.86	S	-66.08	-68.84	5.44	-2.69	-13.00	-53.08
929.19	S	-63.02	-65.24	5.40	-3.17	-13.00	-50.02

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

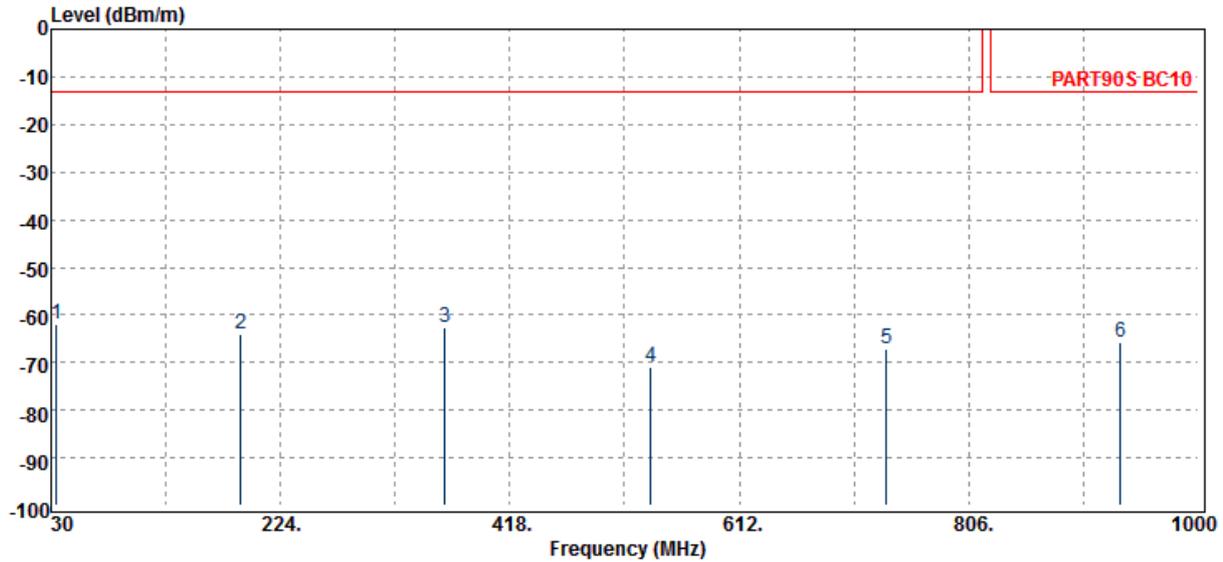
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 476	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:817.9 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
34.85	S	-61.97	-49.66	-11.52	-0.78	-13.00	-48.97
190.05	S	-64.03	-67.32	4.81	-1.52	-13.00	-51.03
362.71	S	-62.56	-66.47	5.87	-1.96	-13.00	-49.56
537.31	S	-70.83	-74.10	5.78	-2.51	-13.00	-57.83
736.16	S	-67.17	-69.97	5.46	-2.66	-13.00	-54.17
934.04	S	-65.78	-67.99	5.39	-3.18	-13.00	-52.78

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

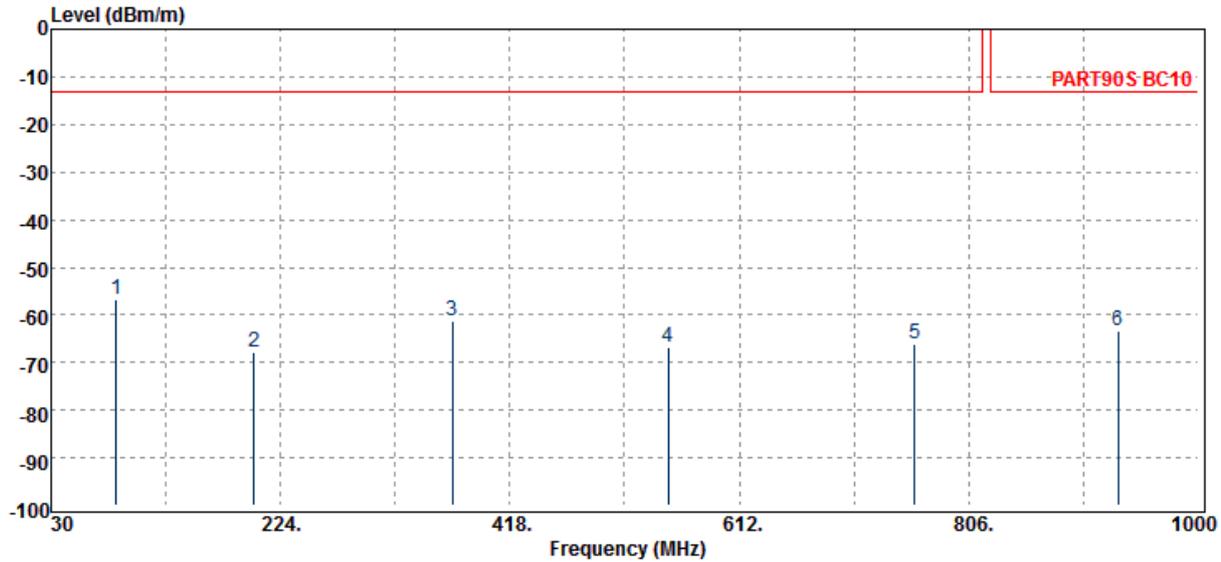
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 580	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:820.5 MHz	Engineer	:Tin
Operation Mode	:TX MID	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
85.29	S	-56.81	-56.39	0.65	-1.07	-13.00	-43.81
201.69	S	-67.89	-71.80	5.44	-1.54	-13.00	-54.89
369.50	S	-61.27	-65.16	5.85	-1.96	-13.00	-48.27
551.86	S	-66.78	-69.93	5.73	-2.58	-13.00	-53.78
760.41	S	-65.97	-68.71	5.47	-2.72	-13.00	-52.97
932.10	S	-63.29	-65.51	5.40	-3.18	-13.00	-50.29

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

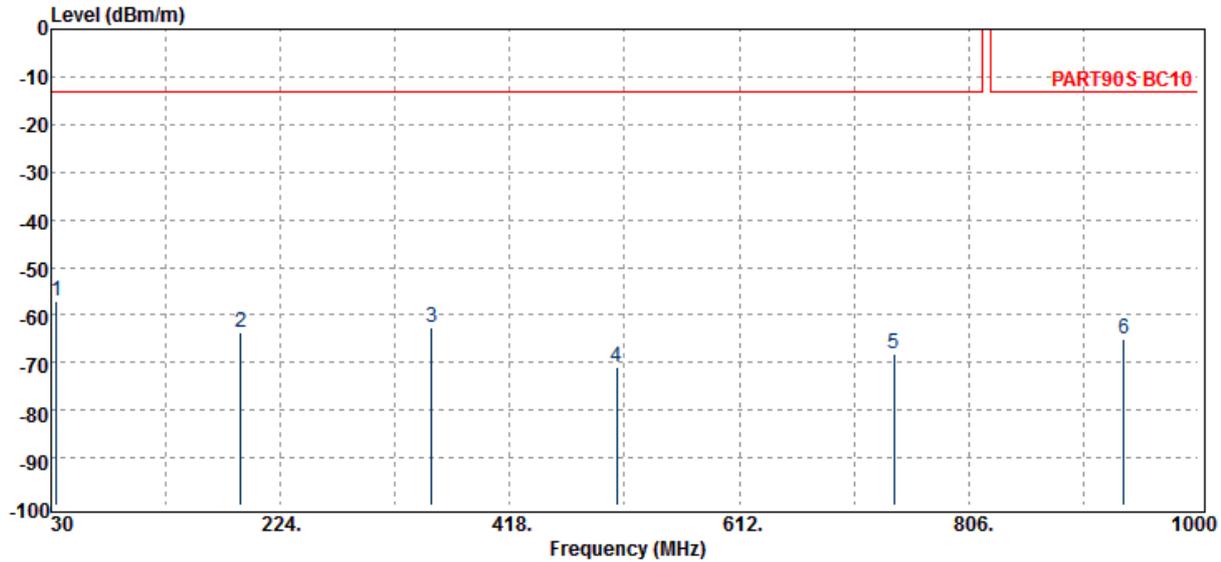
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 580	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:820.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



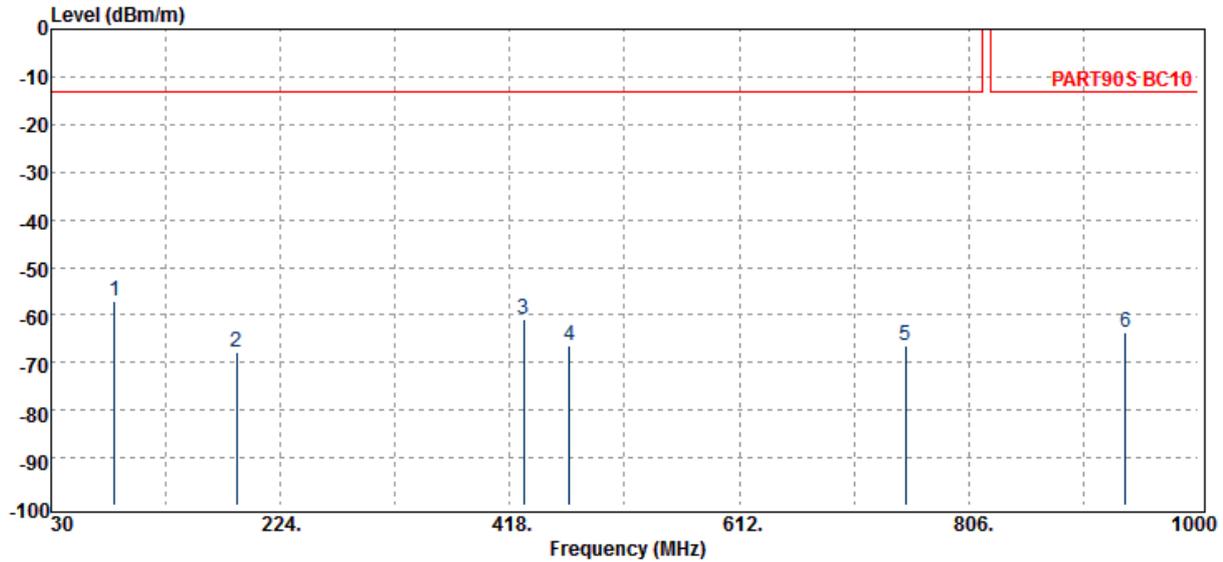
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
34.85	S	-56.98	-44.67	-11.52	-0.78	-13.00	-43.98
190.05	S	-63.68	-66.97	4.81	-1.52	-13.00	-50.68
352.04	S	-62.63	-66.57	5.91	-1.97	-13.00	-49.63
508.21	S	-70.91	-74.45	5.88	-2.35	-13.00	-57.91
742.95	S	-68.25	-71.02	5.45	-2.68	-13.00	-55.25
936.95	S	-65.02	-67.23	5.39	-3.18	-13.00	-52.02

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.

ARFCN	:CH 684	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:823.1 MHz	Engineer	:Tin
Operation Mode	:TX HIGH	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
83.35	S	-57.04	-56.17	0.20	-1.06	-13.00	-44.04
187.14	S	-67.94	-70.76	4.34	-1.51	-13.00	-54.94
429.64	S	-60.80	-64.40	5.60	-2.00	-13.00	-47.80
468.44	S	-66.58	-70.11	5.65	-2.12	-13.00	-53.58
752.65	S	-66.44	-69.18	5.44	-2.70	-13.00	-53.44
938.89	S	-63.72	-65.93	5.39	-3.19	-13.00	-50.72

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

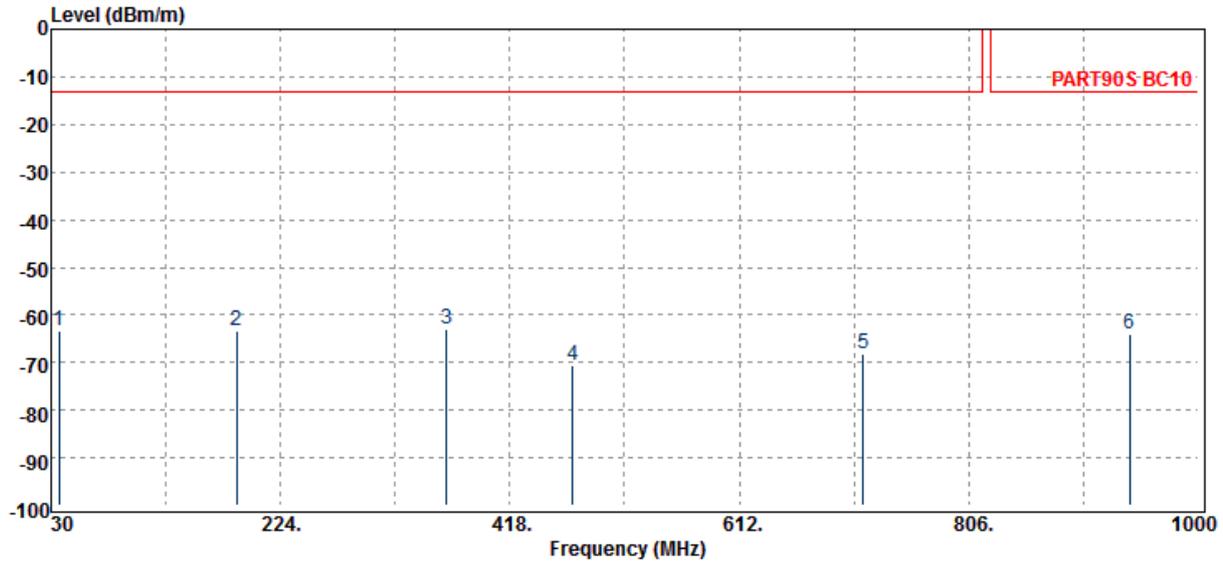
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 684	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:823.1 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
36.79	S	-63.32	-51.35	-11.17	-0.80	-13.00	-50.32
187.14	S	-63.35	-66.17	4.34	-1.51	-13.00	-50.35
364.65	S	-62.96	-66.87	5.87	-1.96	-13.00	-49.96
471.35	S	-70.62	-74.17	5.68	-2.13	-13.00	-57.62
716.76	S	-68.31	-71.19	5.50	-2.62	-13.00	-55.31
941.80	S	-64.00	-66.19	5.39	-3.19	-13.00	-51.00

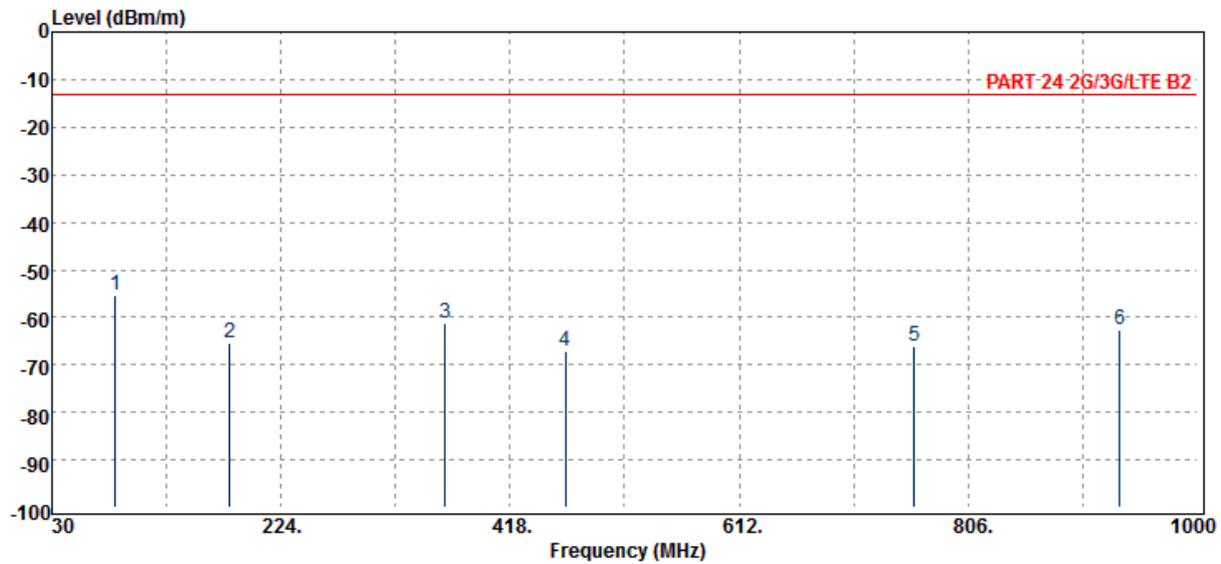
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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

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

Radiated Spurious Emission Measurement Result: 1.4MHz BW LTE-Band 2(The Worst Case)

ARFCN	:CH 18607 QPSK BW 1.4 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1850.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Safe Margin dB
83.35	S	-55.30	-54.44	0.20	-1.06	-13.00	-42.30
180.35	S	-65.39	-67.09	3.20	-1.50	-13.00	-52.39
362.71	S	-61.29	-65.20	5.87	-1.96	-13.00	-48.29
464.56	S	-67.12	-70.64	5.62	-2.11	-13.00	-54.12
760.41	S	-65.92	-68.66	5.47	-2.72	-13.00	-52.92
934.04	S	-62.77	-64.99	5.39	-3.18	-13.00	-49.77

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

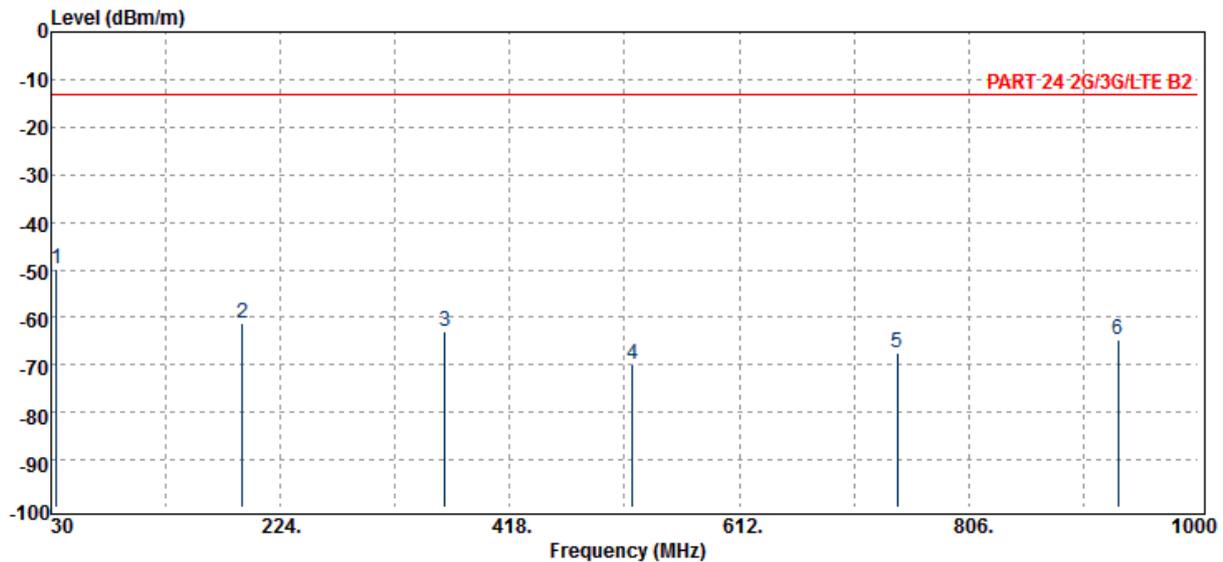
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 18607 16QAM BW 1.4 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1850.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
34.85	S	-49.91	-37.60	-11.52	-0.78	-13.00	-36.91
191.99	S	-61.14	-64.53	4.92	-1.52	-13.00	-48.14
362.71	S	-62.98	-66.89	5.87	-1.96	-13.00	-49.98
521.79	S	-70.04	-73.45	5.83	-2.42	-13.00	-57.04
745.86	S	-67.60	-70.35	5.44	-2.69	-13.00	-54.60
932.10	S	-64.66	-66.88	5.40	-3.18	-13.00	-51.66

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

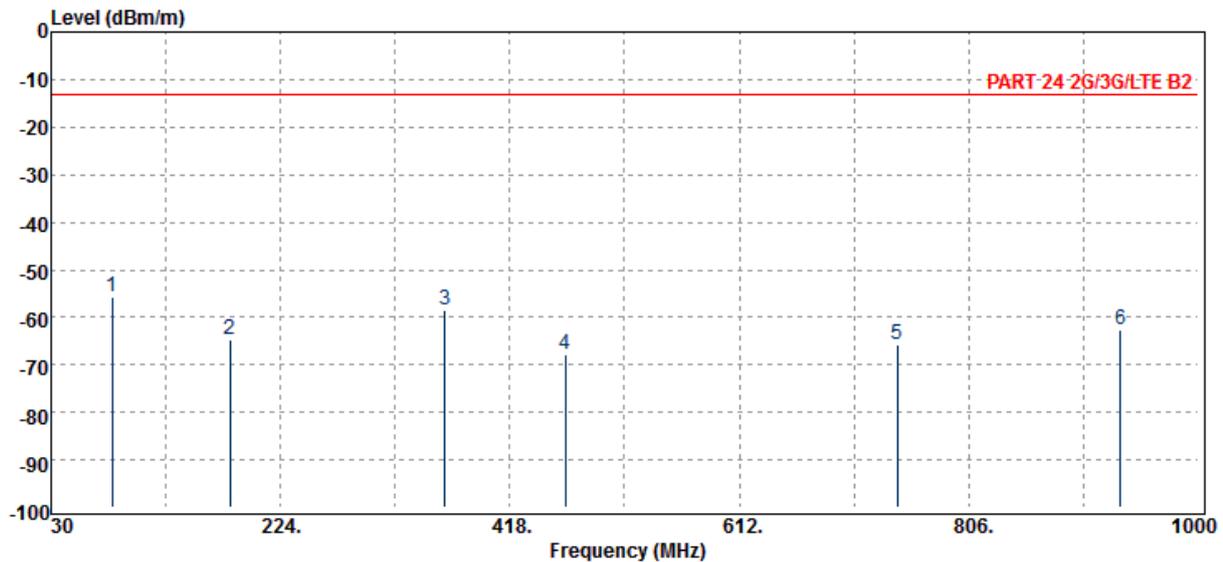
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 18900 16QAM BW 1.4 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1880 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-55.81	-54.49	-0.26	-1.06	-13.00	-42.81
181.32	S	-64.65	-66.51	3.36	-1.50	-13.00	-51.65
362.71	S	-58.61	-62.52	5.87	-1.96	-13.00	-45.61
464.56	S	-67.97	-71.48	5.62	-2.11	-13.00	-54.97
745.86	S	-65.85	-68.60	5.44	-2.69	-13.00	-52.85
934.04	S	-62.54	-64.76	5.39	-3.18	-13.00	-49.54

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

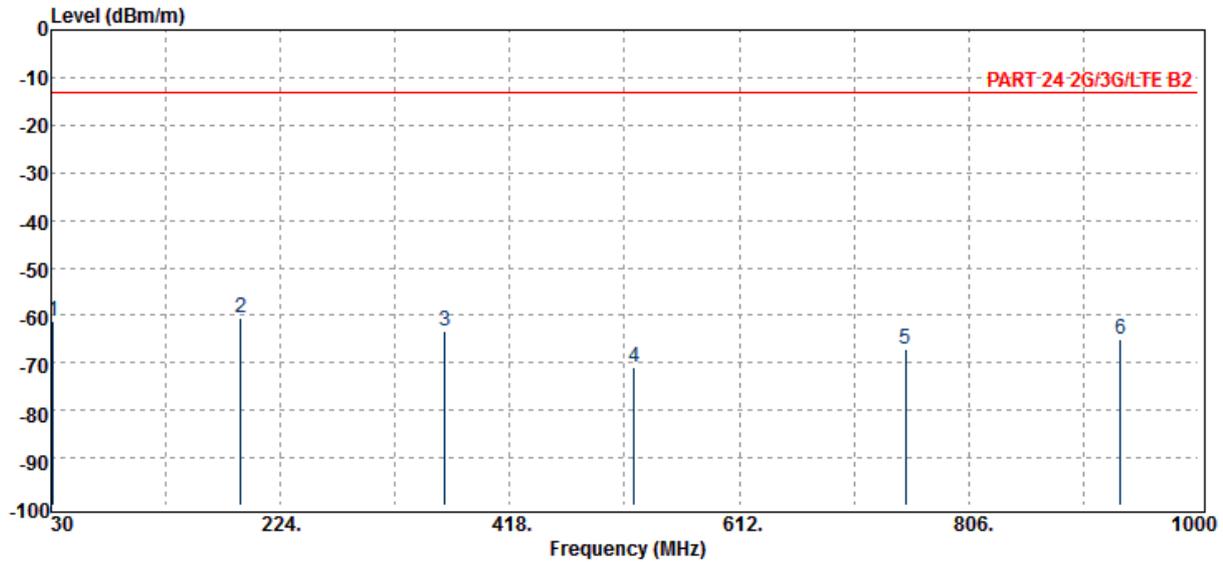
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 18900 16QAM BW 1.4 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1880 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL

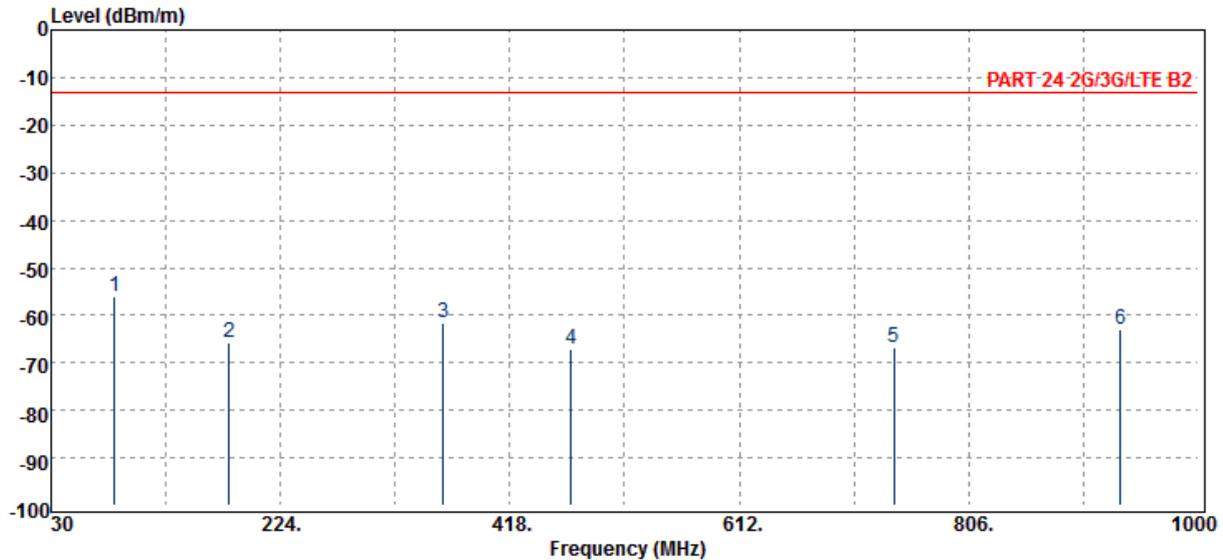


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
31.94	S	-61.28	-48.30	-12.22	-0.75	-13.00	-48.28
190.05	S	-60.71	-64.00	4.81	-1.52	-13.00	-47.71
362.71	S	-63.26	-67.17	5.87	-1.96	-13.00	-50.26
522.76	S	-70.84	-74.24	5.83	-2.43	-13.00	-57.84
752.65	S	-67.20	-69.94	5.44	-2.70	-13.00	-54.20
934.04	S	-65.18	-67.39	5.39	-3.18	-13.00	-52.18

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

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

ARFCN	:CH 19193 16QAM BW 1.4 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1909.3 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
83.35	S	-56.16	-55.29	0.20	-1.06	-13.00	-43.16
180.35	S	-65.75	-67.45	3.20	-1.50	-13.00	-52.75
361.74	S	-61.42	-65.34	5.88	-1.96	-13.00	-48.42
469.41	S	-67.08	-70.62	5.66	-2.12	-13.00	-54.08
742.95	S	-66.86	-69.62	5.45	-2.68	-13.00	-53.86
934.04	S	-63.12	-65.34	5.39	-3.18	-13.00	-50.12

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.

SGS Taiwan Ltd.

No. 134, WuKung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803 / 新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

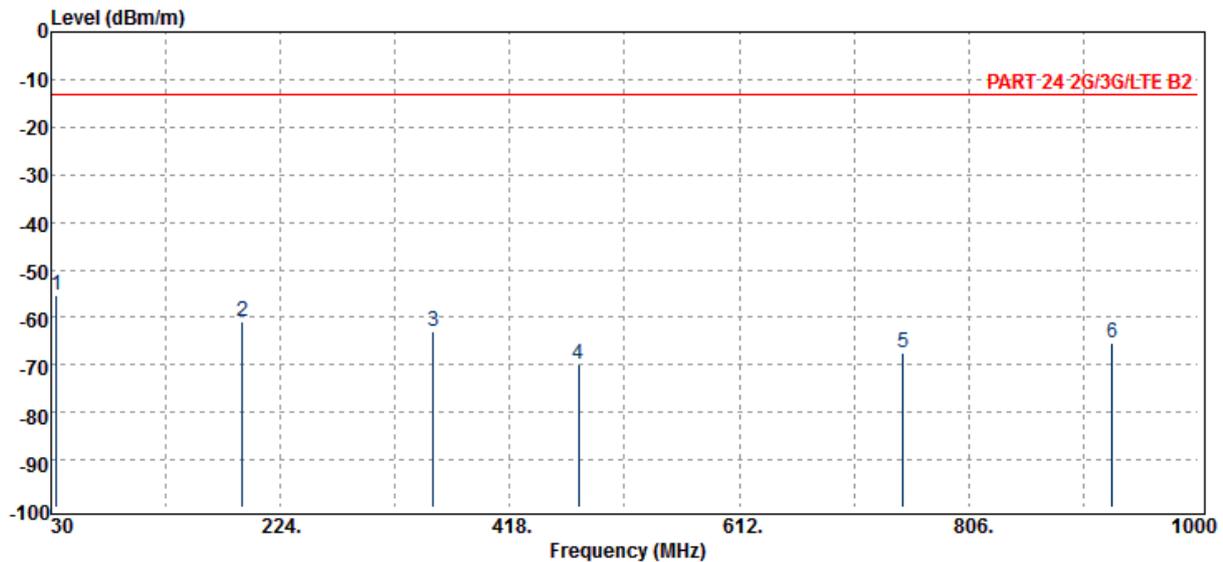
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 19193 16QAM BW 1.4 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1909.3 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
34.85	S	-55.53	-43.23	-11.52	-0.78	-13.00	-42.53
191.99	S	-61.03	-64.42	4.92	-1.52	-13.00	-48.03
353.01	S	-63.13	-67.07	5.90	-1.97	-13.00	-50.13
476.20	S	-69.96	-73.52	5.72	-2.16	-13.00	-56.96
750.71	S	-67.31	-70.04	5.43	-2.70	-13.00	-54.31
927.25	S	-65.28	-67.51	5.40	-3.17	-13.00	-52.28

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

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

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

SGS Taiwan Ltd.

No. 134, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

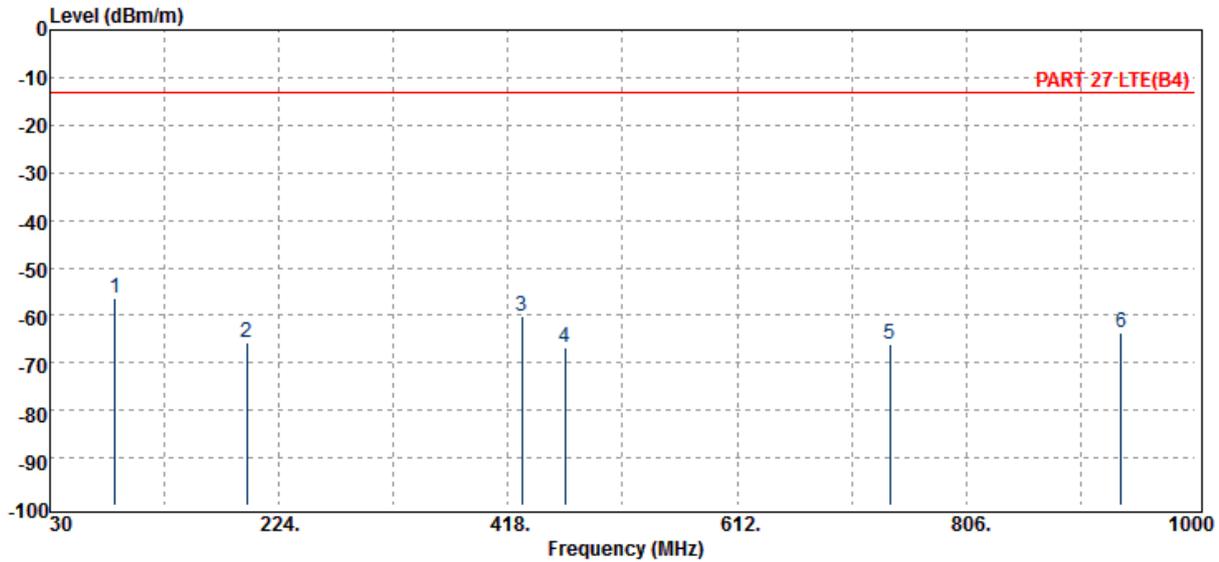
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: 15MHz BW LTE-Band 4 (The Worst Case)

ARFCN	:CH 20025 16QAM BW 15 RB 1 74	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1717.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

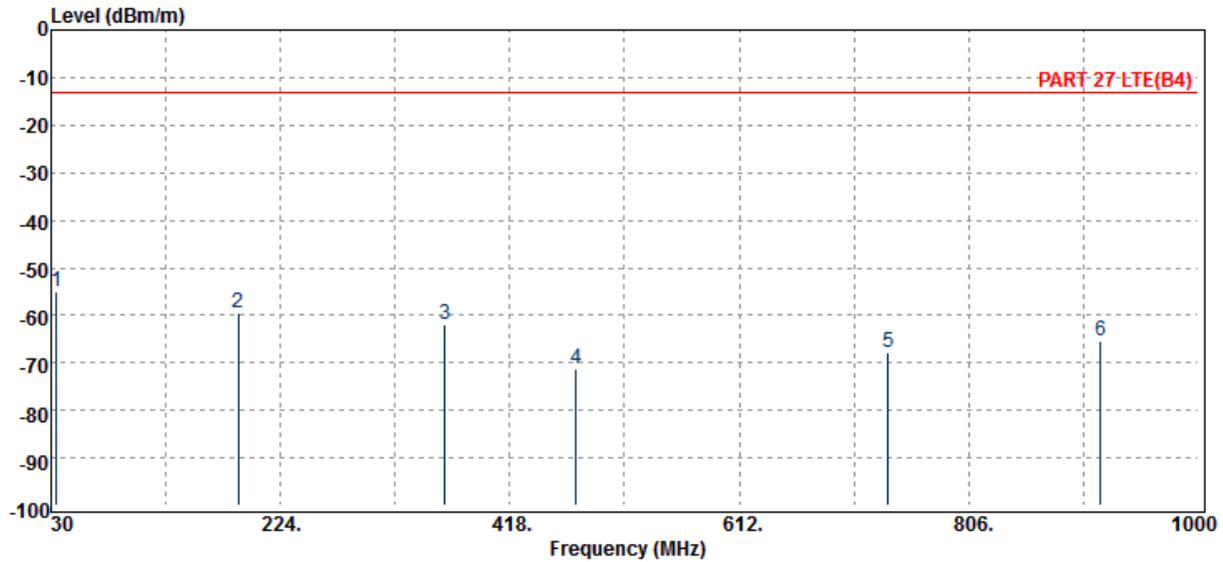


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
85.29	S	-56.48	-56.06	0.65	-1.07	-13.00	-43.48
196.84	S	-65.79	-69.44	5.18	-1.53	-13.00	-52.79
429.64	S	-60.16	-63.76	5.60	-2.00	-13.00	-47.16
466.50	S	-66.61	-70.13	5.64	-2.11	-13.00	-53.61
741.01	S	-65.94	-68.71	5.45	-2.67	-13.00	-52.94
936.95	S	-63.72	-65.92	5.39	-3.18	-13.00	-50.72

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.

ARFCN	: CH 20025 16QAM BW 15 RB 1 74	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1717.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
34.85	S	-55.06	-42.76	-11.52	-0.78	-13.00	-42.06
188.11	S	-59.63	-62.61	4.50	-1.51	-13.00	-46.63
362.71	S	-61.99	-65.90	5.87	-1.96	-13.00	-48.99
474.26	S	-71.15	-74.71	5.70	-2.15	-13.00	-58.15
738.10	S	-67.90	-70.68	5.45	-2.67	-13.00	-54.90
917.55	S	-65.28	-67.53	5.40	-3.16	-13.00	-52.28

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

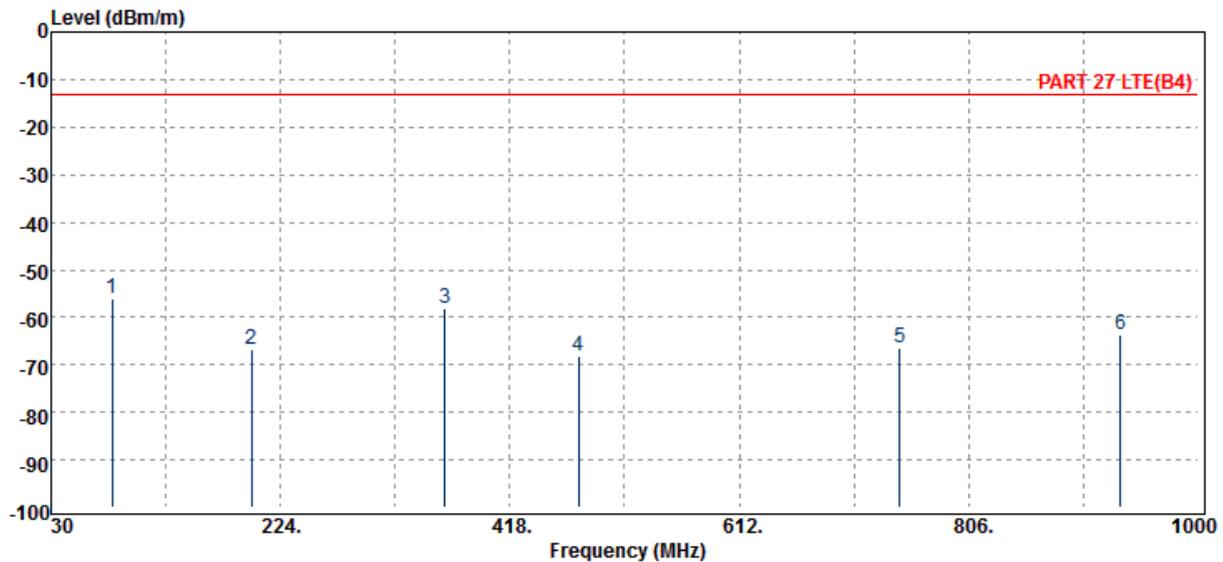
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20175 16QAM BW 15 RB 1 74	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1732.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

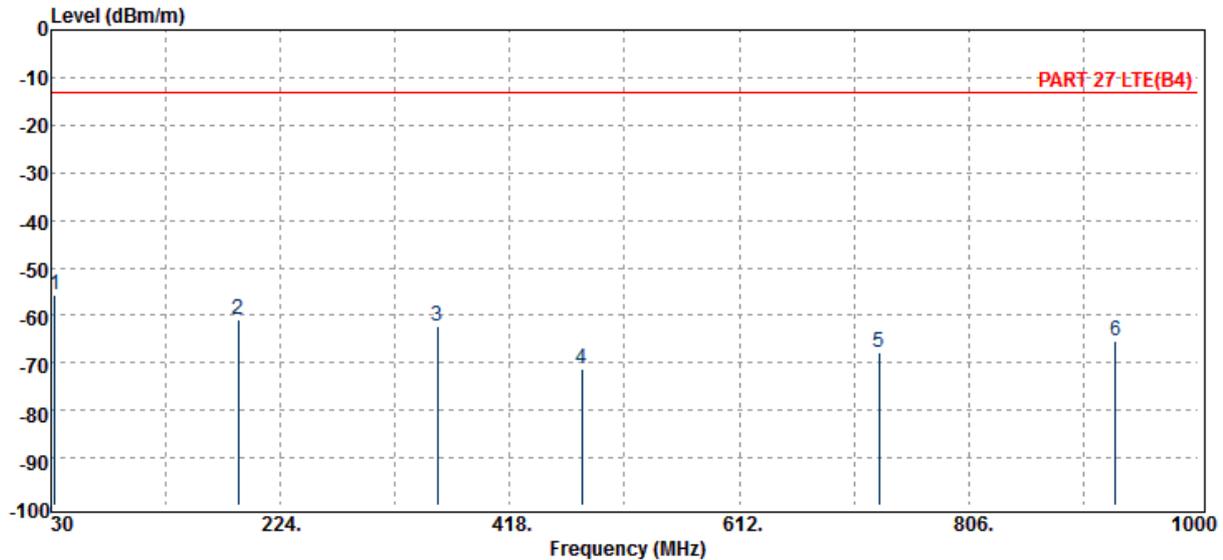


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-56.11	-54.79	-0.26	-1.06	-13.00	-43.11
199.75	S	-66.70	-70.50	5.34	-1.53	-13.00	-53.70
362.71	S	-58.17	-62.08	5.87	-1.96	-13.00	-45.17
476.20	S	-68.14	-71.70	5.72	-2.16	-13.00	-55.14
747.80	S	-66.53	-69.28	5.44	-2.69	-13.00	-53.53
934.04	S	-63.50	-65.71	5.39	-3.18	-13.00	-50.50

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

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

ARFCN	:CH 20175 16QAM BW 15 RB 1 74	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1732.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
32.91	S	-55.77	-43.03	-11.98	-0.76	-13.00	-42.77
188.11	S	-60.74	-63.72	4.50	-1.51	-13.00	-47.74
356.89	S	-62.34	-66.26	5.89	-1.96	-13.00	-49.34
479.11	S	-71.22	-74.78	5.74	-2.18	-13.00	-58.22
730.34	S	-67.65	-70.48	5.47	-2.65	-13.00	-54.65
930.16	S	-65.35	-67.58	5.40	-3.17	-13.00	-52.35

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

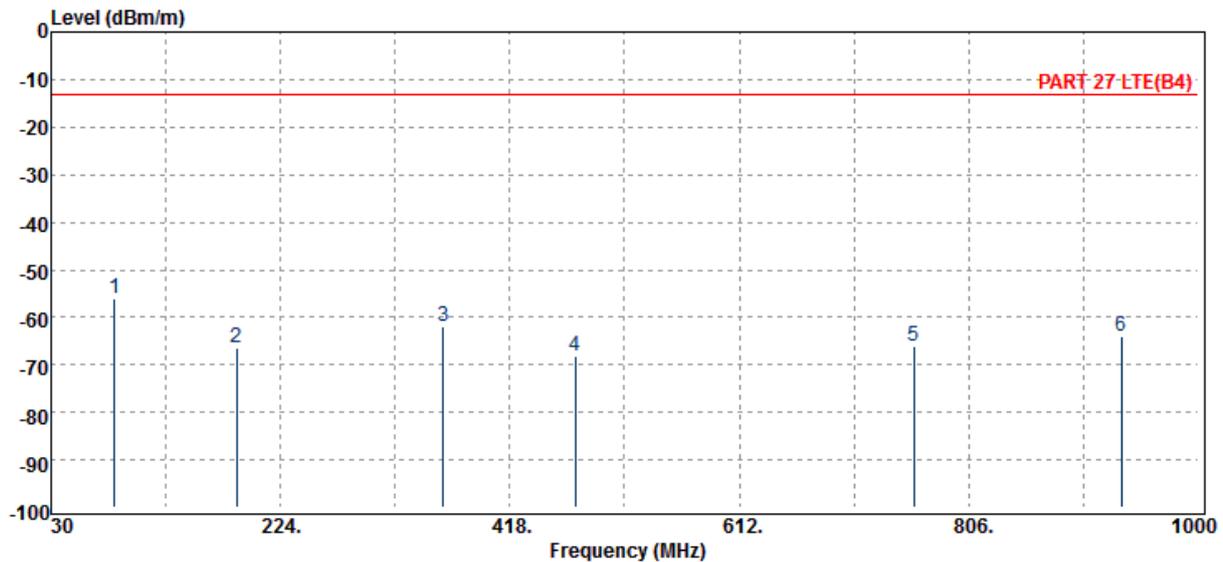
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20325 16QAM BW 15 RB 1 74	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1747.5 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
83.35	S	-56.15	-55.28	0.20	-1.06	-13.00	-43.15
187.14	S	-66.55	-69.37	4.34	-1.51	-13.00	-53.55
361.74	S	-62.01	-65.93	5.88	-1.96	-13.00	-49.01
473.29	S	-68.30	-71.85	5.69	-2.14	-13.00	-55.30
759.44	S	-66.20	-68.95	5.46	-2.72	-13.00	-53.20
935.01	S	-64.06	-66.27	5.39	-3.18	-13.00	-51.06

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

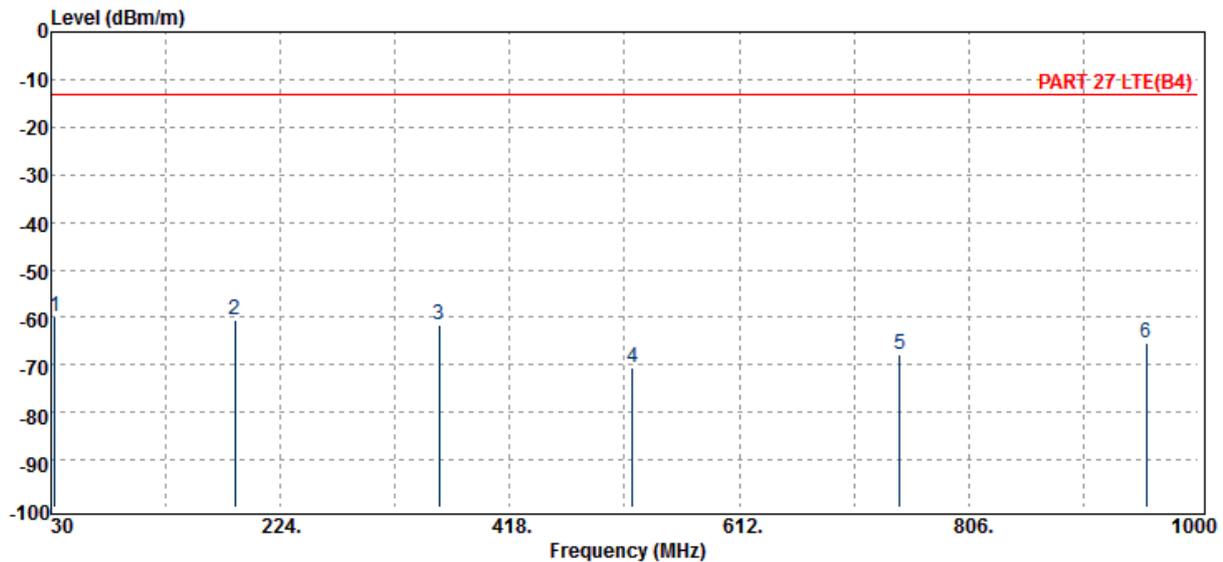
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20325 16QAM BW 15 RB 1 74	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1747.5 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
32.91	S	-60.02	-47.27	-11.98	-0.76	-13.00	-47.02
185.20	S	-60.57	-63.07	4.01	-1.51	-13.00	-47.57
357.86	S	-61.60	-65.52	5.89	-1.96	-13.00	-48.60
521.79	S	-70.59	-74.00	5.83	-2.42	-13.00	-57.59
747.80	S	-67.78	-70.52	5.44	-2.69	-13.00	-54.78
956.35	S	-65.54	-67.29	4.96	-3.21	-13.00	-52.54

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

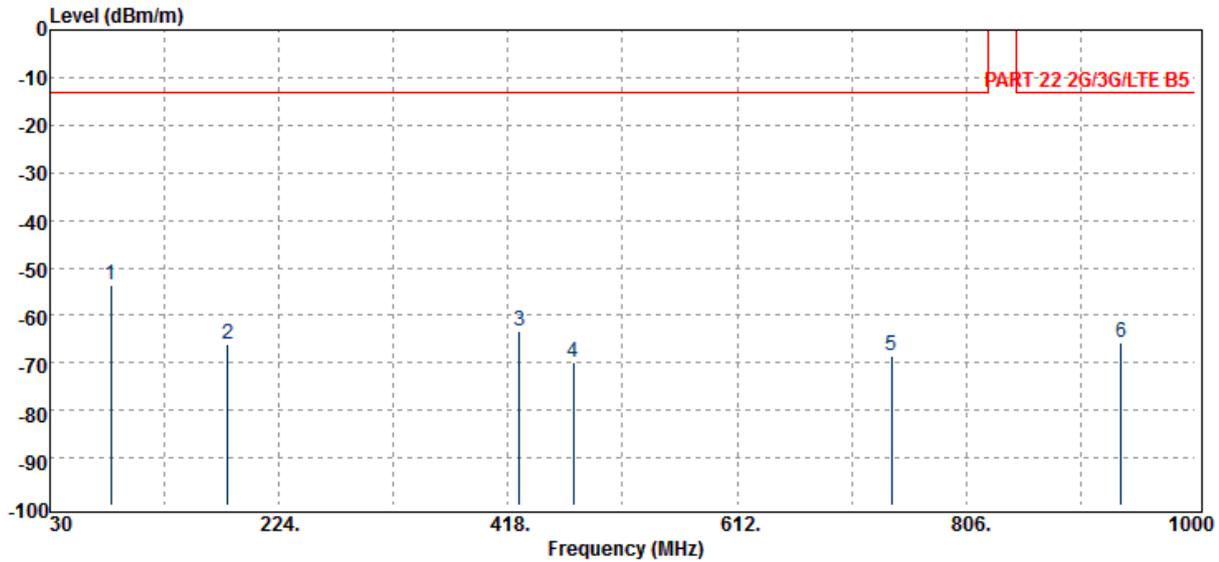
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: 1.4MHz BW LTE-Band 5 (The Worst Case)

ARFCN	:CH 20407 16QAM BW	Test Date	:2015-08-28
	1.4 RB 1 0		
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:824.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-53.74	-50.27	-2.41	-1.06	-13.00	-40.74
180.35	S	-66.04	-65.58	1.05	-1.50	-13.00	-53.04
427.70	S	-63.22	-64.69	3.46	-2.00	-13.00	-50.22
473.29	S	-69.77	-71.17	3.54	-2.14	-13.00	-56.77
742.95	S	-68.60	-69.21	3.30	-2.68	-13.00	-55.60
936.95	S	-65.68	-65.74	3.24	-3.18	-13.00	-52.68

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

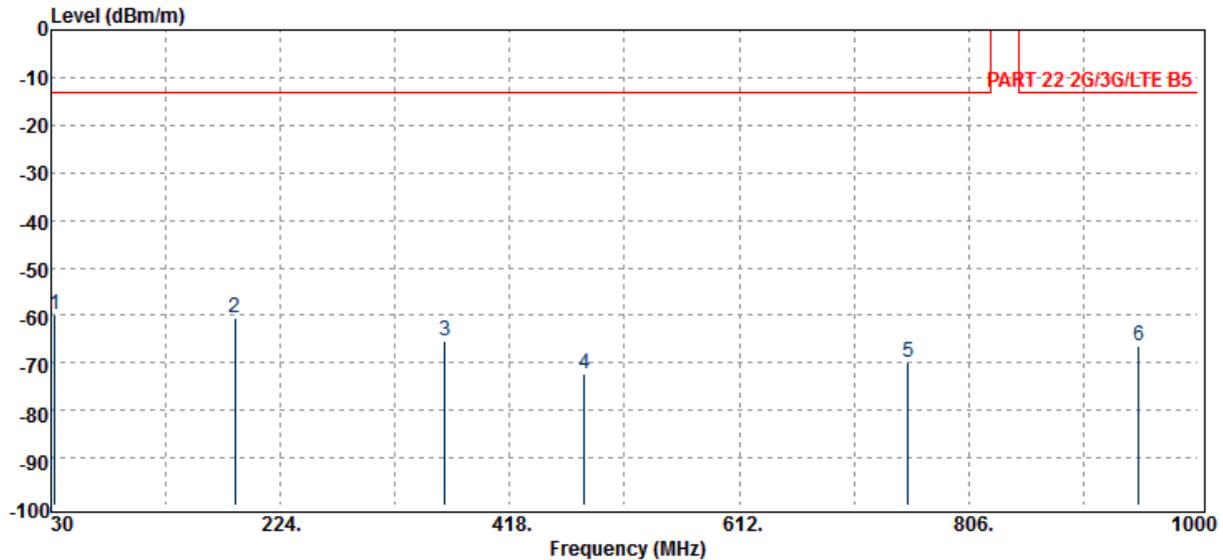
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20407 16QAM BW	Test Date	:2015-08-28
	1.4 RB 1 0		
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:824.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
32.91	S	-59.87	-44.98	-14.13	-0.76	-13.00	-46.87
185.20	S	-60.52	-60.87	1.86	-1.51	-13.00	-47.52
362.71	S	-65.31	-67.07	3.72	-1.96	-13.00	-52.31
481.05	S	-72.16	-73.58	3.61	-2.19	-13.00	-59.16
754.59	S	-70.05	-70.64	3.30	-2.71	-13.00	-57.05
949.56	S	-66.31	-66.34	3.23	-3.20	-13.00	-53.31

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

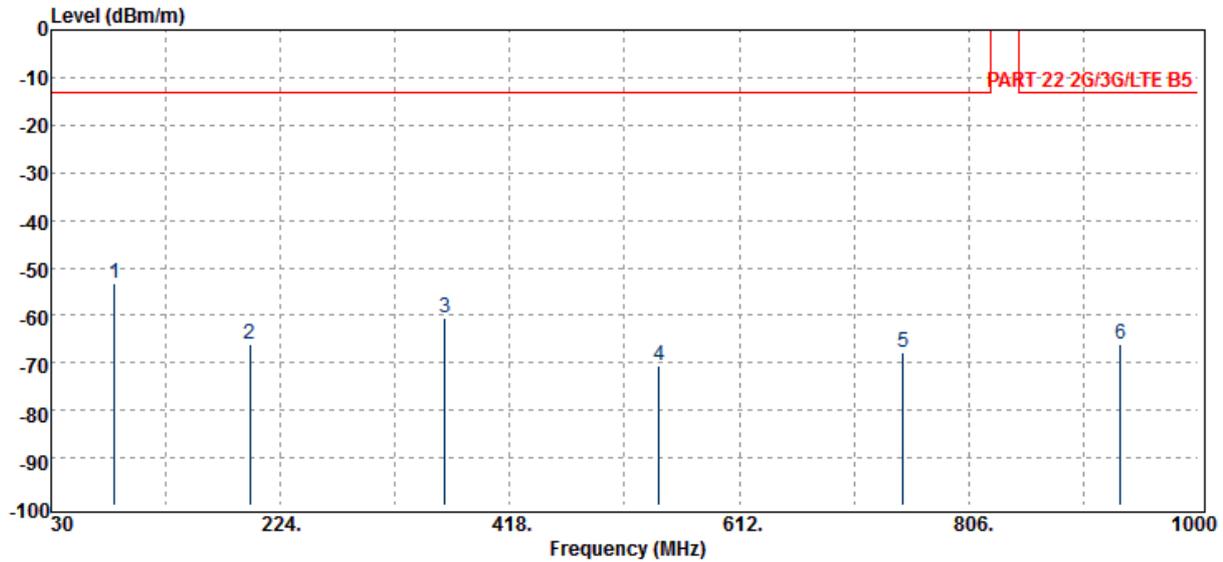
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20525 16QAM BW	Test Date	:2015-08-28
	1.4 RB 1 0		
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
83.35	S	-53.13	-50.11	-1.95	-1.06	-13.00	-40.13
197.81	S	-66.06	-67.61	3.08	-1.53	-13.00	-53.06
362.71	S	-60.59	-62.35	3.72	-1.96	-13.00	-47.59
544.10	S	-70.56	-71.63	3.61	-2.54	-13.00	-57.56
750.71	S	-67.97	-68.55	3.28	-2.70	-13.00	-54.97
934.04	S	-65.95	-66.01	3.24	-3.18	-13.00	-52.95

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

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

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

SGS Taiwan Ltd.

No. 134, WuKung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803 / 新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

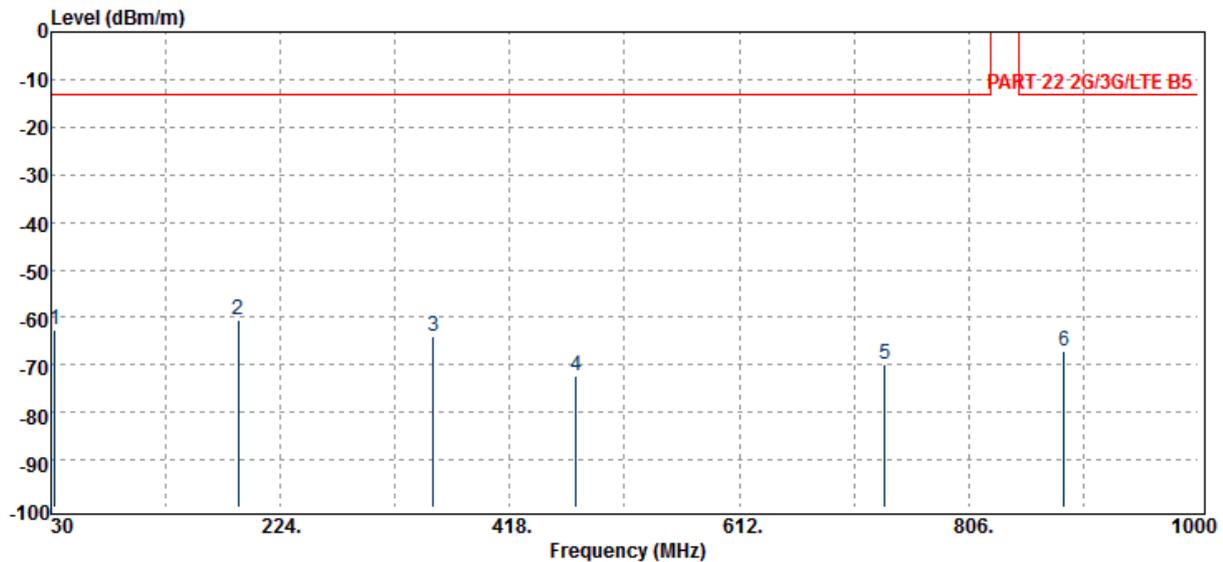
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20525 16QAM BW	Test Date	:2015-08-28
	1.4 RB 1 0		
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
32.91	S	-62.50	-47.61	-14.13	-0.76	-13.00	-49.50
188.11	S	-60.69	-61.52	2.35	-1.51	-13.00	-47.69
353.01	S	-63.87	-65.66	3.75	-1.97	-13.00	-50.87
474.26	S	-72.25	-73.65	3.55	-2.15	-13.00	-59.25
735.19	S	-70.04	-70.69	3.31	-2.66	-13.00	-57.04
886.51	S	-67.17	-67.38	3.32	-3.10	-13.00	-54.17

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.

SGS Taiwan Ltd.

No. 134, WuKung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803 / 新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

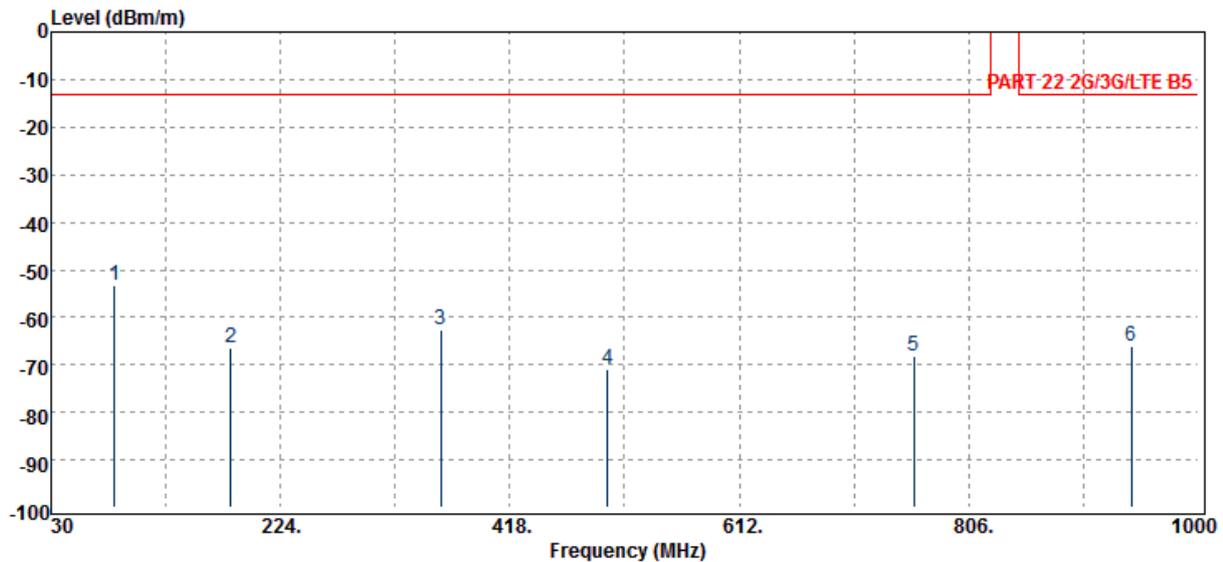
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20643 16QAM BW	Test Date	:2015-08-28
	1.4 RB 1 0		
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:848.3 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
83.35	S	-53.32	-50.30	-1.95	-1.06	-13.00	-40.32
182.29	S	-66.59	-66.46	1.38	-1.50	-13.00	-53.59
359.80	S	-62.54	-64.31	3.73	-1.96	-13.00	-49.54
500.45	S	-70.78	-72.23	3.76	-2.30	-13.00	-57.78
759.44	S	-68.34	-68.93	3.31	-2.72	-13.00	-55.34
943.74	S	-66.01	-66.05	3.24	-3.19	-13.00	-53.01

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

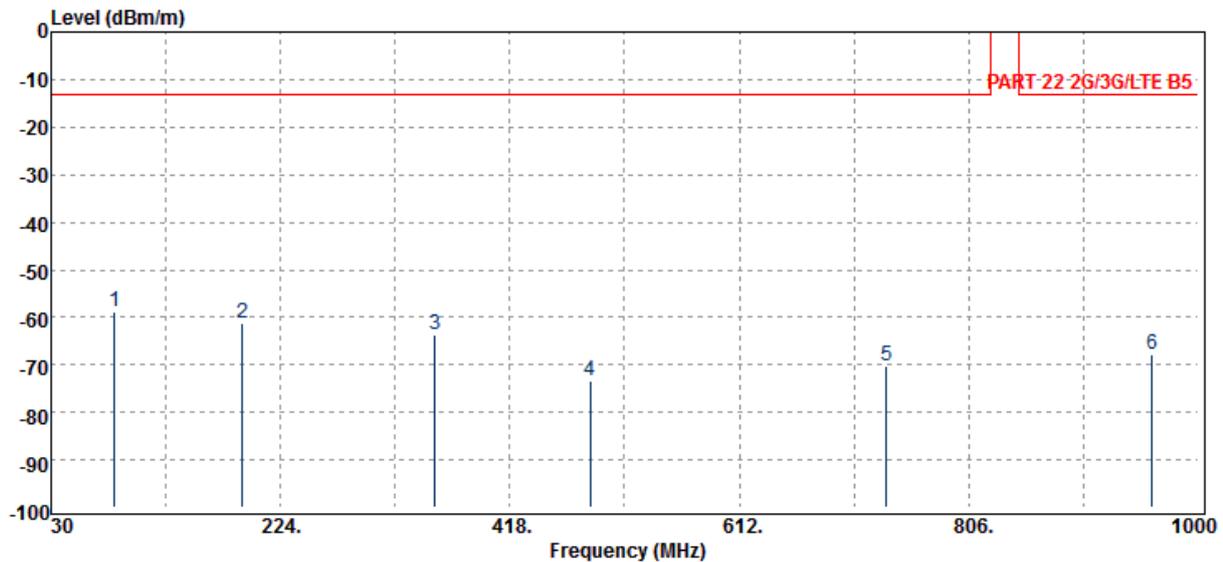
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20643 16QAM BW	Test Date	:2015-08-28
	1.4 RB 1 0		
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:848.3 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
83.35	S	-58.96	-55.95	-1.95	-1.06	-13.00	-45.96
191.99	S	-61.31	-62.56	2.77	-1.52	-13.00	-48.31
354.95	S	-63.67	-65.46	3.75	-1.97	-13.00	-50.67
485.90	S	-73.35	-74.77	3.65	-2.22	-13.00	-60.35
736.16	S	-70.16	-70.81	3.31	-2.66	-13.00	-57.16
961.20	S	-67.77	-67.05	2.48	-3.21	-13.00	-54.77

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

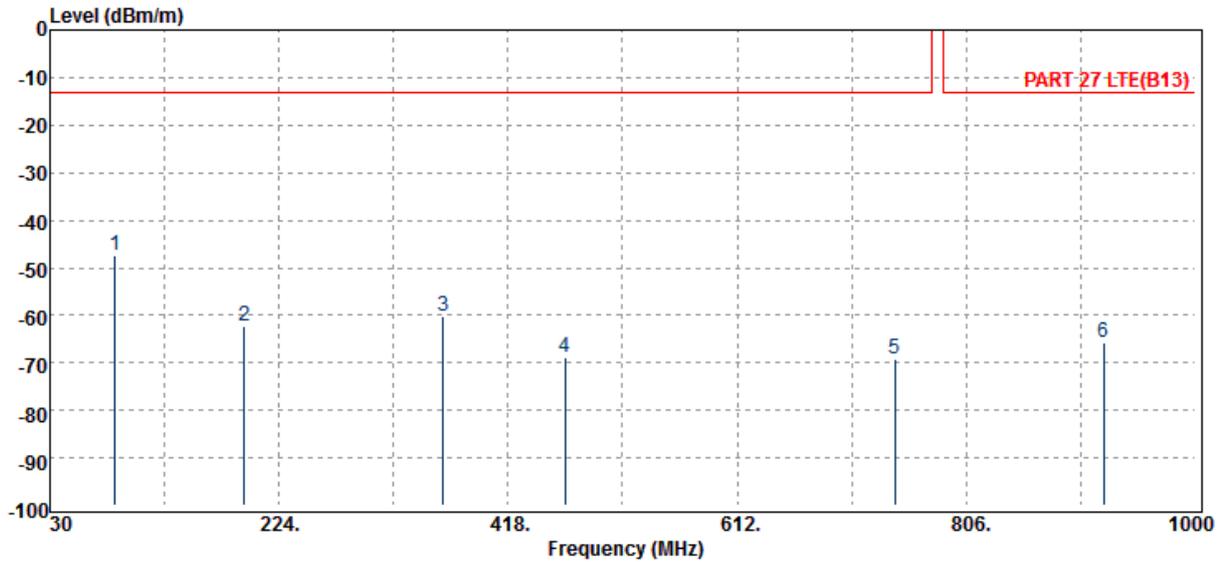
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: 10MHz BW LTE-Band 13(The Worst Case)

ARFCN	:CH 23230 16QAM BW 10 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B13	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:782.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

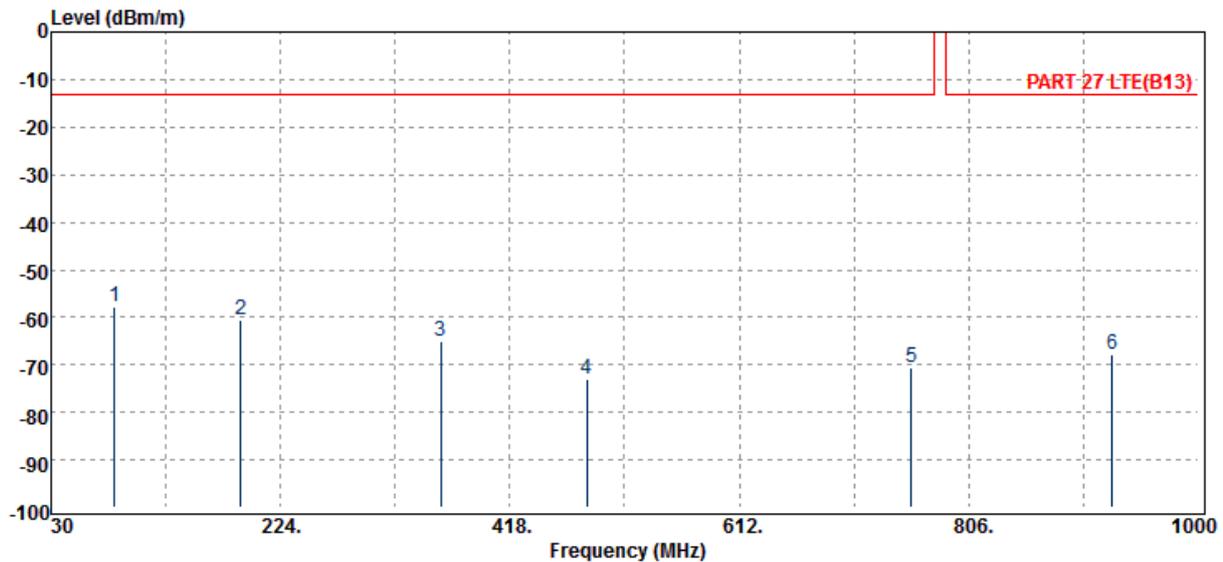


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
85.29	S	-47.36	-44.79	-1.50	-1.07	-13.00	-34.36
194.90	S	-62.13	-63.53	2.93	-1.53	-13.00	-49.13
362.71	S	-60.16	-61.92	3.72	-1.96	-13.00	-47.16
466.50	S	-68.76	-70.14	3.49	-2.11	-13.00	-55.76
745.86	S	-69.17	-69.77	3.29	-2.69	-13.00	-56.17
922.40	S	-65.58	-65.66	3.25	-3.16	-13.00	-52.58

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.

ARFCN	:CH 23230 16QAM BW 10 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B13	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:782.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
83.35	S	-57.77	-54.75	-1.95	-1.06	-13.00	-44.77
190.05	S	-60.69	-61.83	2.66	-1.52	-13.00	-47.69
359.80	S	-64.89	-66.66	3.73	-1.96	-13.00	-51.89
482.99	S	-73.04	-74.46	3.62	-2.20	-13.00	-60.04
757.50	S	-70.42	-71.01	3.31	-2.71	-13.00	-57.42
927.25	S	-67.73	-67.81	3.25	-3.17	-13.00	-54.73

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

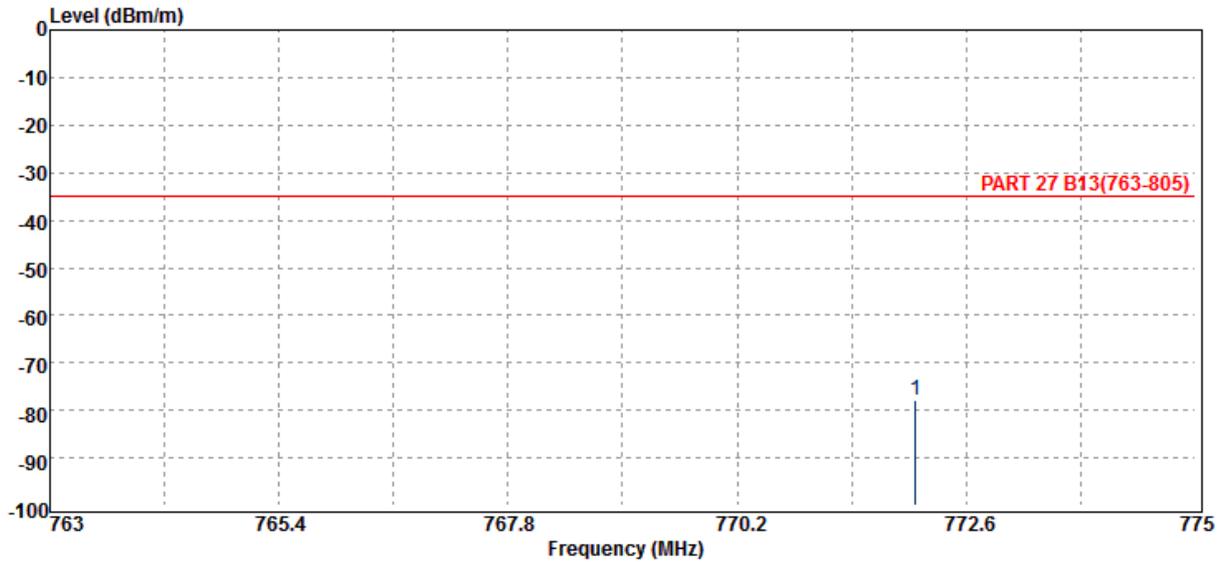
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: 10MHz BW LTE-Band 13(763MHz-755MHz)

ARFCN	:CH 23230 16QAM BW 10 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B13	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:782.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

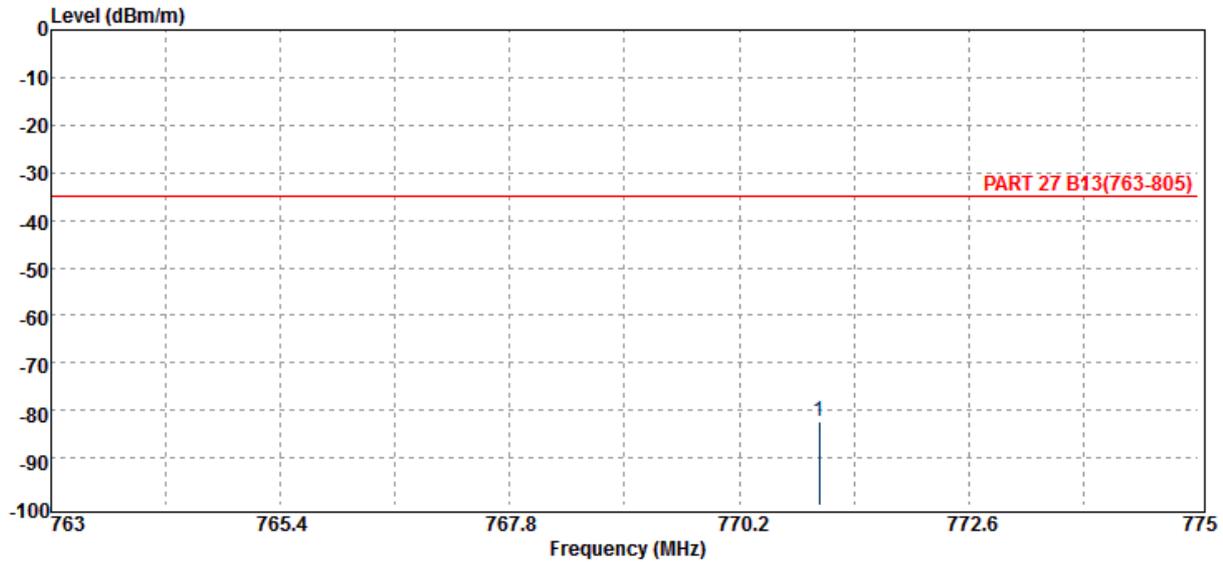


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
772.07	H	-77.93	-78.53	3.35	-2.75	-35.00	-42.93

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

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

ARFCN	:CH 23230 16QAM BW 10 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B13	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:782.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



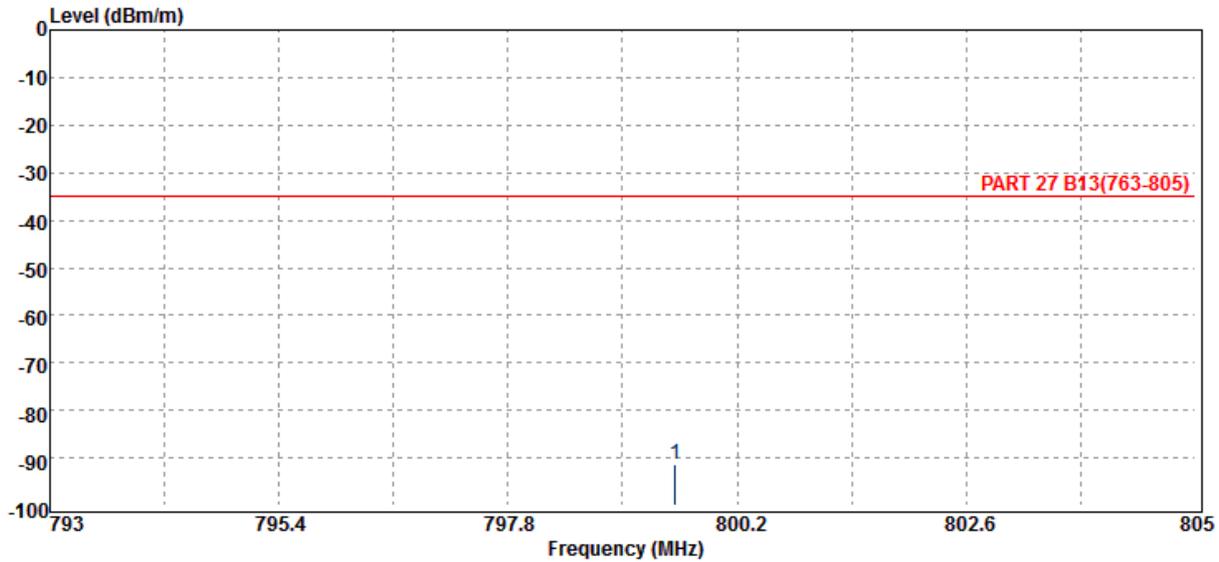
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
771.04	H	-82.41	-83.02	3.35	-2.75	-35.00	-47.41

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

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

Radiated Spurious Emission Measurement Result: 10MHz BW LTE-Band 13(793MHz-805MHz)

ARFCN	:CH 23230 16QAM BW	Test Date	:2015-08-28
	10 RB1 0		
Operation Band	:LTE B13	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:782.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
799.55	H	-91.41	-92.00	3.44	-2.85	-35.00	-56.41

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

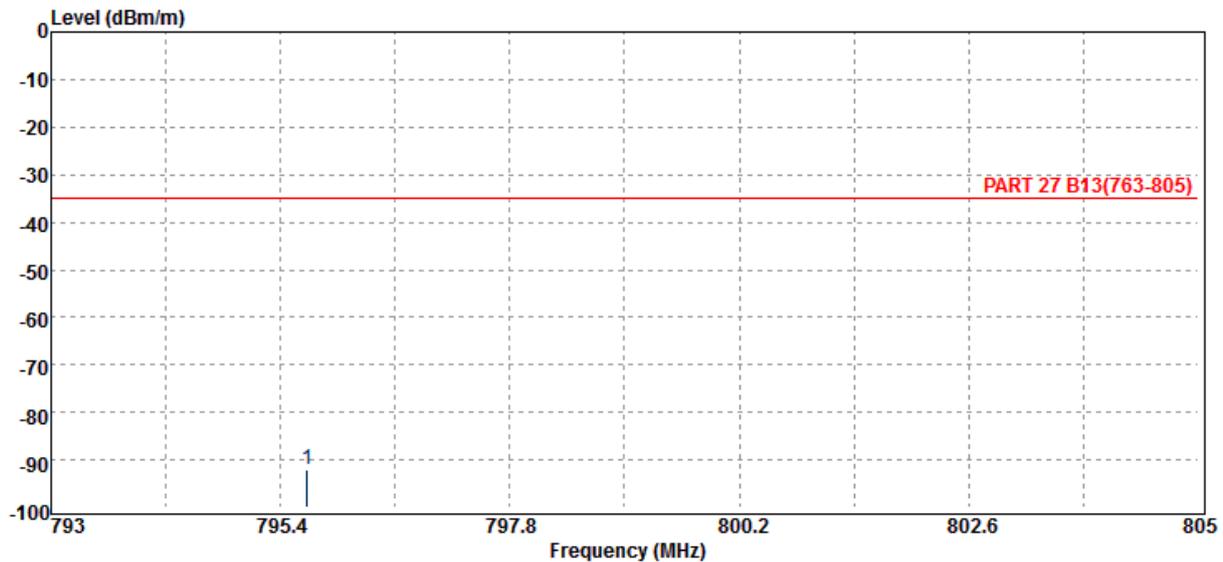
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 23230 16QAM BW 10 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B13	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:782.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
795.68	H	-92.14	-92.73	3.43	-2.84	-35.00	-57.14

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

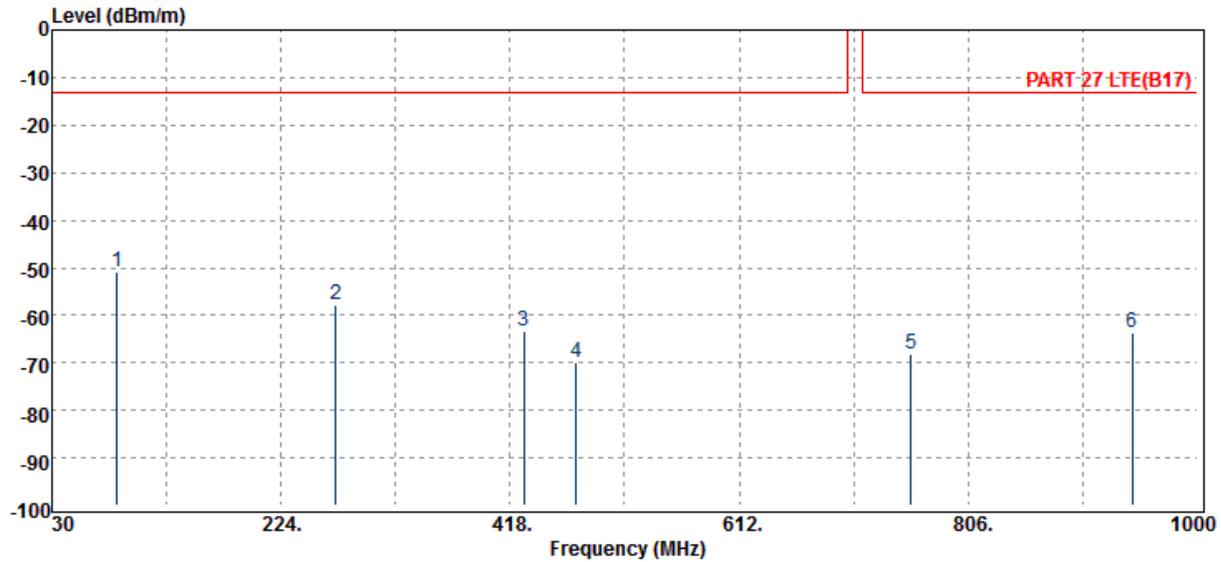
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: 5MHz BW LTE-Band 17 (The Worst Case)

ARFCN	:CH 23755 16QAM BW 5 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:706.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

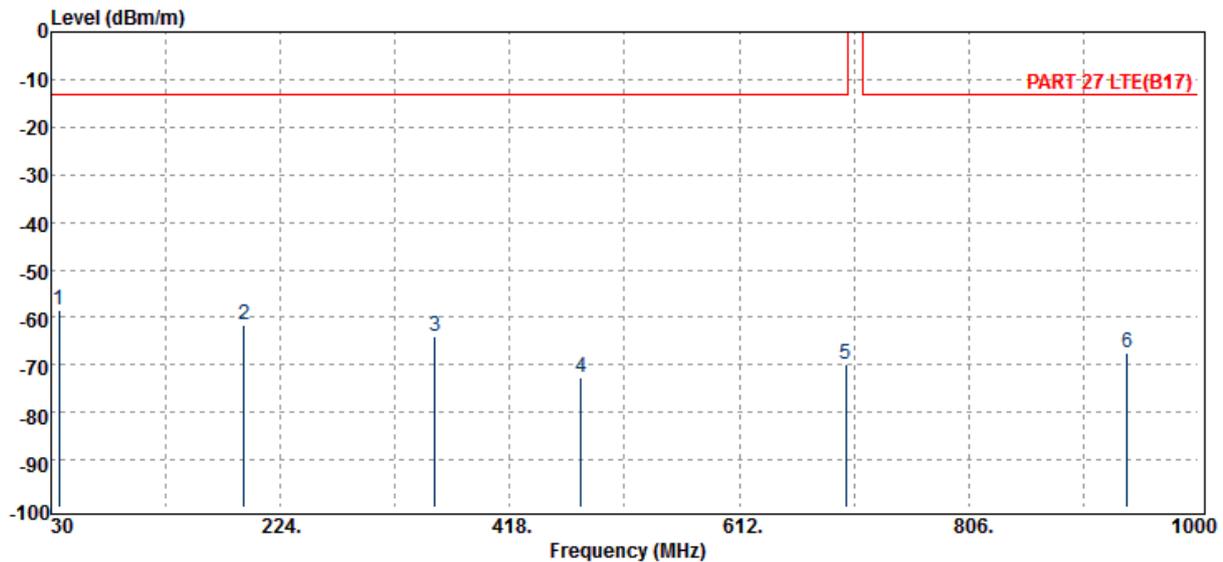


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
85.29	S	-50.78	-48.21	-1.50	-1.07	-13.00	-37.78
270.56	S	-57.70	-59.60	3.59	-1.69	-13.00	-44.70
429.64	S	-63.23	-64.68	3.45	-2.00	-13.00	-50.23
474.26	S	-70.06	-71.47	3.55	-2.15	-13.00	-57.06
757.50	S	-68.22	-68.82	3.31	-2.71	-13.00	-55.22
944.71	S	-63.61	-63.65	3.24	-3.20	-13.00	-50.61

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.

ARFCN	:CH 23755 16QAM BW 5 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:706.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



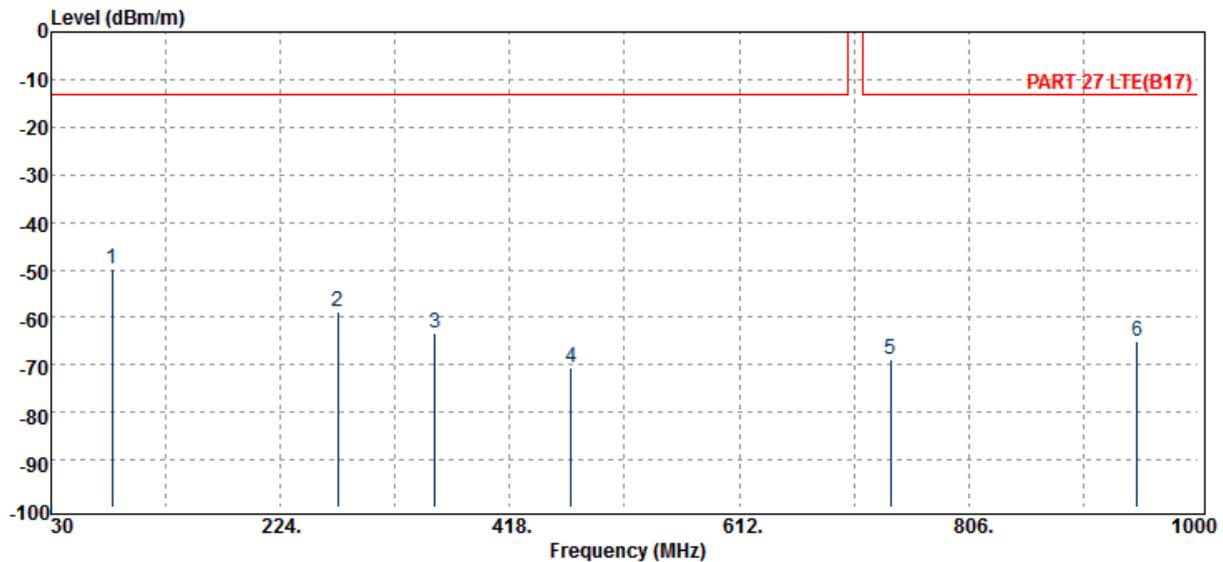
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
36.79	S	-58.55	-44.44	-13.32	-0.80	-13.00	-45.55
192.96	S	-61.63	-62.92	2.82	-1.52	-13.00	-48.63
354.95	S	-63.93	-65.71	3.75	-1.97	-13.00	-50.93
478.14	S	-72.52	-73.93	3.58	-2.17	-13.00	-59.52
702.21	S	-69.73	-70.50	3.38	-2.61	-13.00	-56.73
939.86	S	-67.58	-67.63	3.24	-3.19	-13.00	-54.58

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.

ARFCN	:CH 23790 16QAM BW 5 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:710 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-49.87	-46.40	-2.41	-1.06	-13.00	-36.87
272.50	S	-58.91	-60.75	3.54	-1.70	-13.00	-45.91
354.95	S	-63.24	-65.02	3.75	-1.97	-13.00	-50.24
469.41	S	-70.58	-71.97	3.51	-2.12	-13.00	-57.58
740.04	S	-68.72	-69.35	3.30	-2.67	-13.00	-55.72
948.59	S	-65.13	-65.17	3.24	-3.20	-13.00	-52.13

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.

SGS Taiwan Ltd.

No. 134, WuKung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803 / 新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

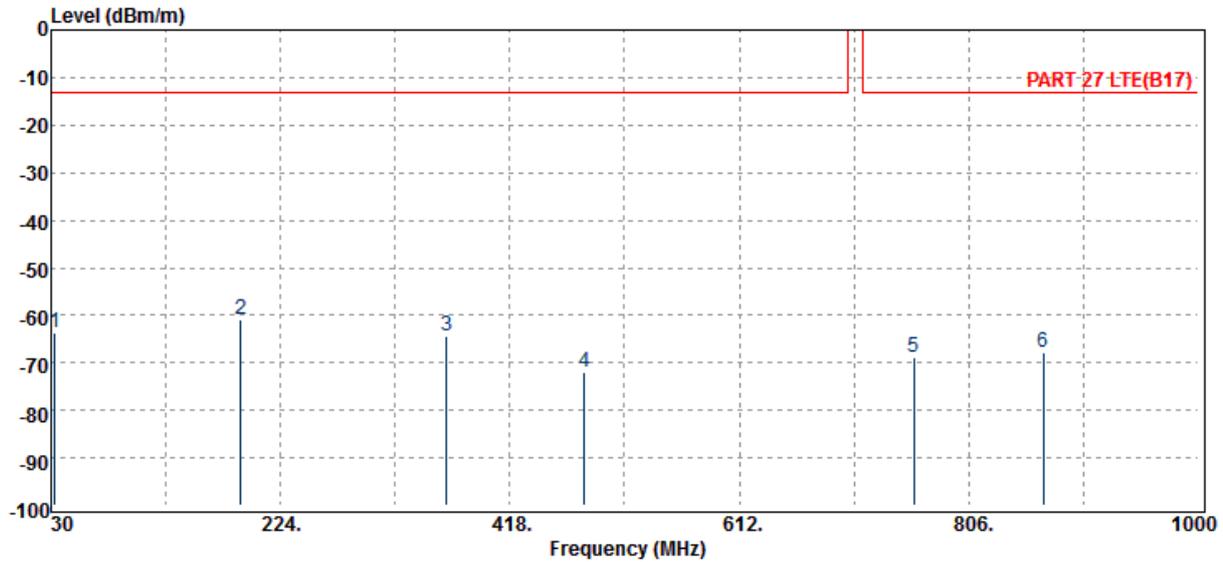
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 23790 16QAM BW 5 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:710 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL

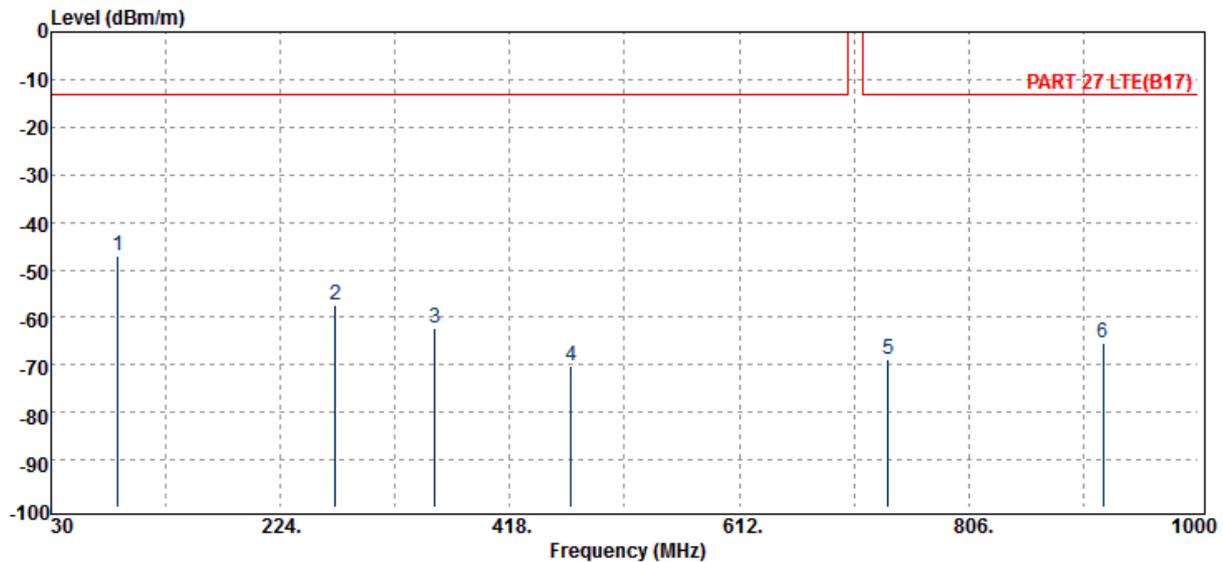


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
32.91	S	-63.70	-48.81	-14.13	-0.76	-13.00	-50.70
190.05	S	-60.84	-61.98	2.66	-1.52	-13.00	-47.84
364.65	S	-64.47	-66.23	3.72	-1.96	-13.00	-51.47
481.05	S	-71.89	-73.31	3.61	-2.19	-13.00	-58.89
759.44	S	-68.75	-69.34	3.31	-2.72	-13.00	-55.75
869.05	S	-67.68	-68.01	3.39	-3.06	-13.00	-54.68

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.

ARFCN	:CH 23825 16QAM BW 5 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:713.5 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
86.26	S	-46.91	-44.57	-1.27	-1.08	-13.00	-33.91
270.56	S	-57.57	-59.46	3.59	-1.69	-13.00	-44.57
354.95	S	-62.23	-64.01	3.75	-1.97	-13.00	-49.23
469.41	S	-70.39	-71.78	3.51	-2.12	-13.00	-57.39
738.10	S	-68.79	-69.42	3.30	-2.67	-13.00	-55.79
919.49	S	-65.50	-65.59	3.25	-3.16	-13.00	-52.50

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

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

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

SGS Taiwan Ltd.

No. 134, WuKung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803 / 新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

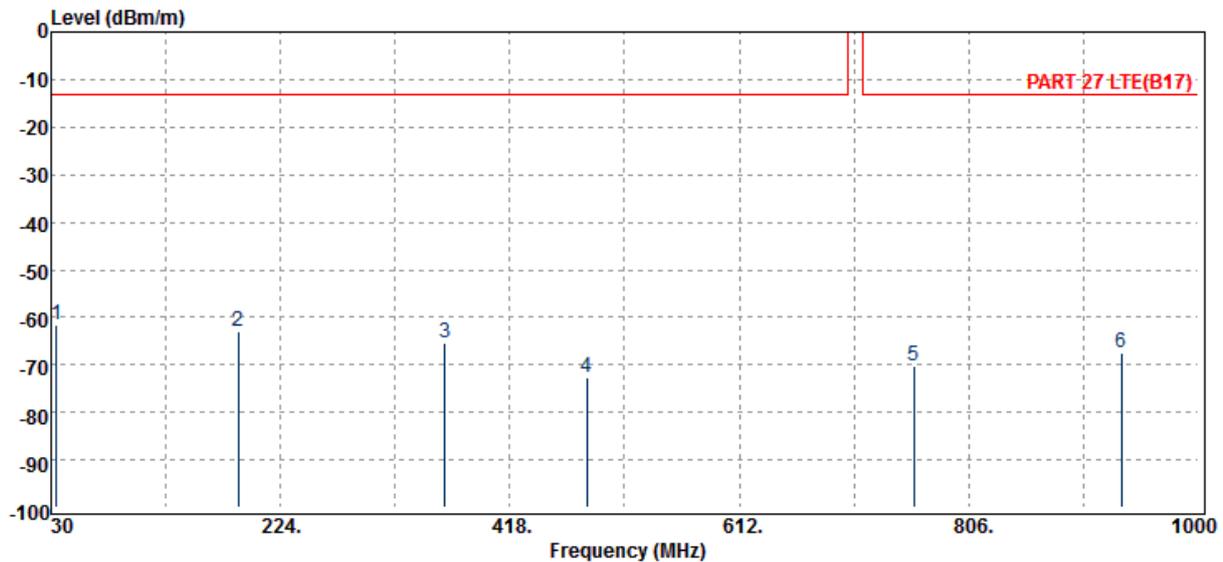
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 23825 16QAM BW 5 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:713.5 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
34.85	S	-61.57	-47.12	-13.67	-0.78	-13.00	-48.57
188.11	S	-62.97	-63.80	2.35	-1.51	-13.00	-49.97
362.71	S	-65.26	-67.02	3.72	-1.96	-13.00	-52.26
482.99	S	-72.56	-73.98	3.62	-2.20	-13.00	-59.56
759.44	S	-70.24	-70.84	3.31	-2.72	-13.00	-57.24
935.01	S	-67.62	-67.68	3.24	-3.18	-13.00	-54.62

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

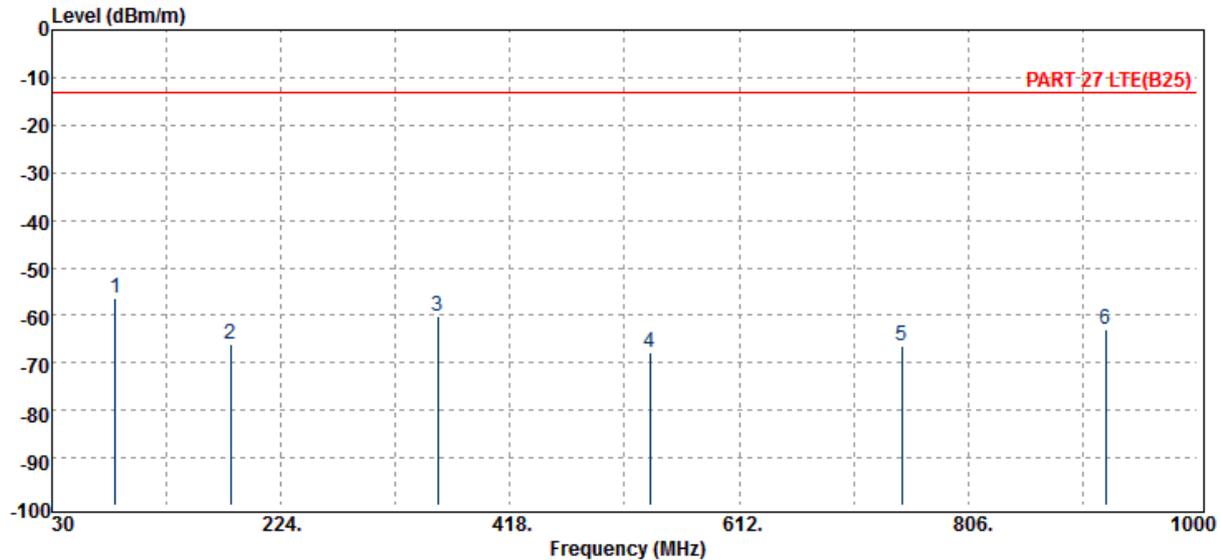
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: 1.4MHz BW LTE-Band 25 (The Worst Case)

ARFCN	:CH 26047 16QAM BW	Test Date	:2015-08-28
	1.4 RB1 5		
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1850.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
83.35	S	-56.35	-55.48	0.20	-1.06	-13.00	-43.35
181.32	S	-66.23	-68.09	3.36	-1.50	-13.00	-53.23
356.89	S	-60.13	-64.05	5.89	-1.96	-13.00	-47.13
536.34	S	-67.67	-70.95	5.78	-2.50	-13.00	-54.67
749.74	S	-66.37	-69.10	5.43	-2.70	-13.00	-53.37
922.40	S	-62.88	-65.12	5.40	-3.16	-13.00	-49.88

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

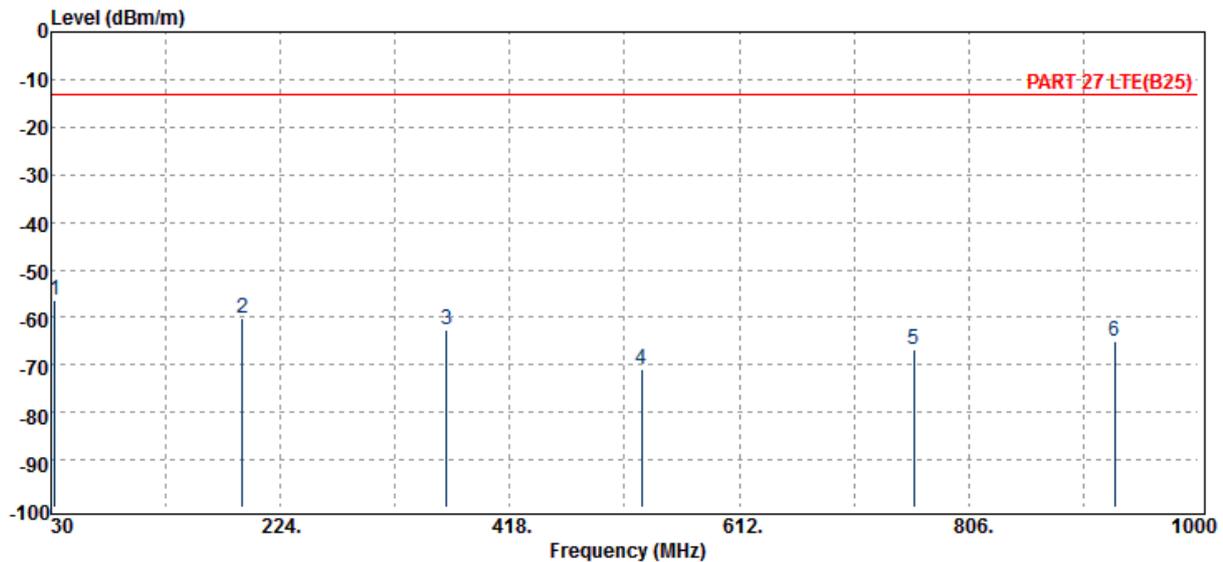
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 26047 16QAM BW	Test Date	:2015-08-28
	1.4 RB1 5		
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1850.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
32.91	S	-56.53	-43.78	-11.98	-0.76	-13.00	-43.53
191.99	S	-60.25	-63.65	4.92	-1.52	-13.00	-47.25
364.65	S	-62.59	-66.50	5.87	-1.96	-13.00	-49.59
529.55	S	-70.98	-74.32	5.81	-2.47	-13.00	-57.98
759.44	S	-66.93	-69.68	5.46	-2.72	-13.00	-53.93
929.19	S	-65.09	-67.31	5.40	-3.17	-13.00	-52.09

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

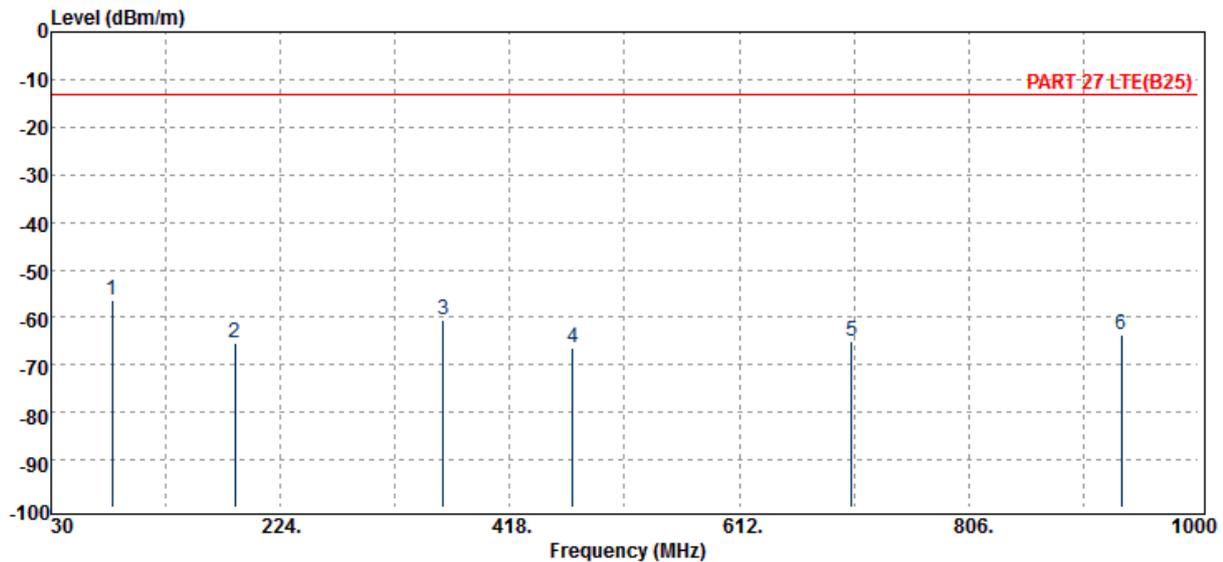
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 26365 16QAM BW	Test Date	:2015-08-28
	1.4 RB1 5		
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1882.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-56.44	-55.12	-0.26	-1.06	-13.00	-43.44
185.20	S	-65.53	-68.04	4.01	-1.51	-13.00	-52.53
361.74	S	-60.57	-64.48	5.88	-1.96	-13.00	-47.57
471.35	S	-66.29	-69.83	5.68	-2.13	-13.00	-53.29
707.06	S	-65.10	-68.02	5.52	-2.60	-13.00	-52.10
935.01	S	-63.71	-65.92	5.39	-3.18	-13.00	-50.71

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

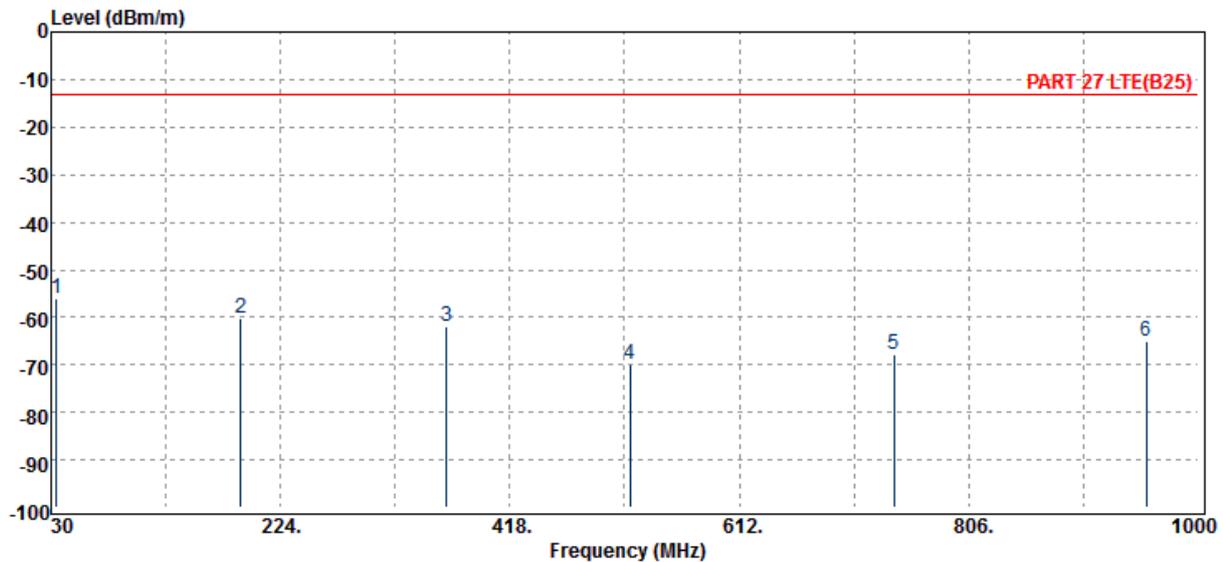
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 26365 16QAM BW	Test Date	:2015-08-28
	1.4 RB1 5		
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1882.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
34.85	S	-56.13	-43.82	-11.52	-0.78	-13.00	-43.13
190.05	S	-60.11	-63.40	4.81	-1.52	-13.00	-47.11
364.65	S	-61.77	-65.67	5.87	-1.96	-13.00	-48.77
519.85	S	-69.77	-73.19	5.84	-2.41	-13.00	-56.77
742.95	S	-67.94	-70.70	5.45	-2.68	-13.00	-54.94
956.35	S	-65.04	-66.79	4.96	-3.21	-13.00	-52.04

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

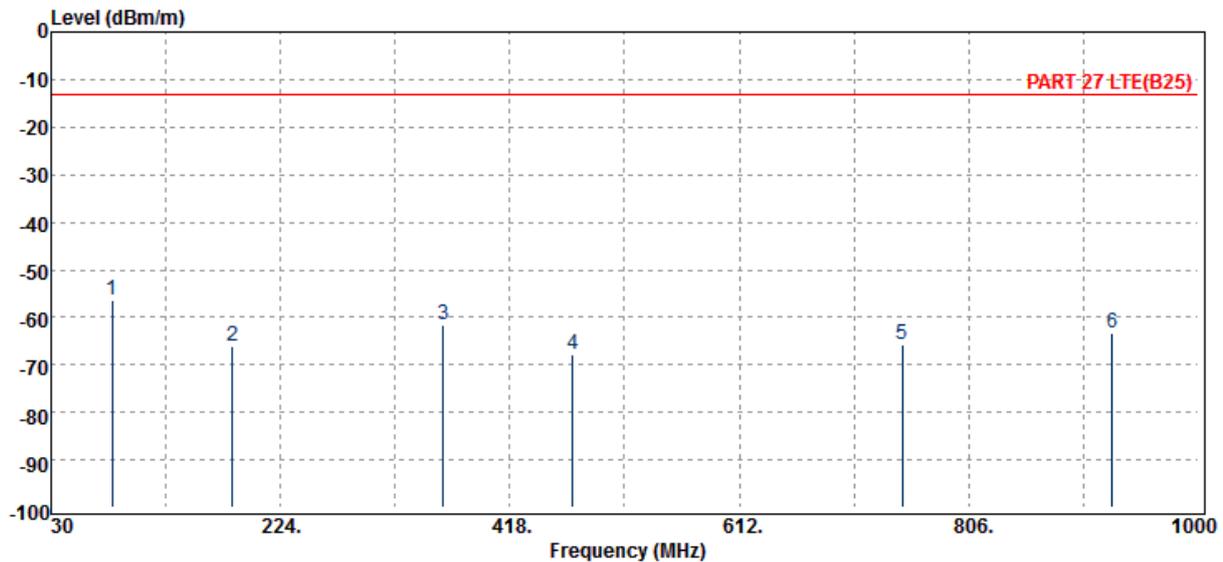
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 26683 16QAM BW	Test Date	:2015-08-28
	1.4 RB1 5		
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1914.3 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-56.28	-54.96	-0.26	-1.06	-13.00	-43.28
183.26	S	-66.14	-68.32	3.69	-1.51	-13.00	-53.14
361.74	S	-61.46	-65.37	5.88	-1.96	-13.00	-48.46
471.35	S	-67.65	-71.20	5.68	-2.13	-13.00	-54.65
749.74	S	-65.63	-68.36	5.43	-2.70	-13.00	-52.63
927.25	S	-63.33	-65.56	5.40	-3.17	-13.00	-50.33

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

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

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

SGS Taiwan Ltd.

No. 134, WuKung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803 / 新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

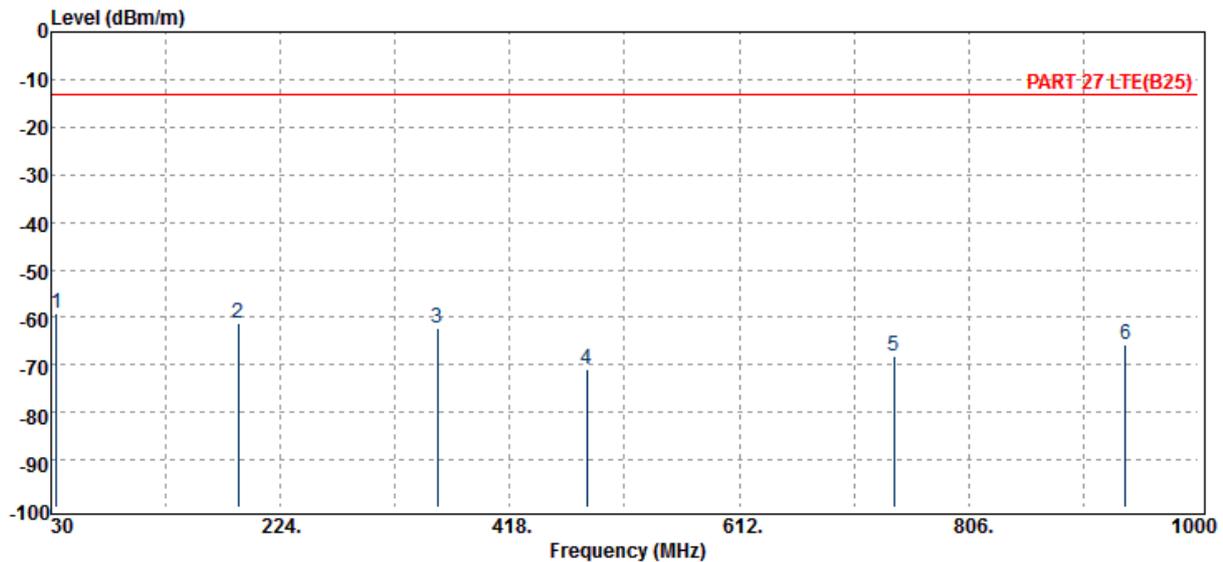
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 26683 16QAM BW	Test Date	:2015-08-28
	1.4 RB1 5		
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1914.3 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
34.85	S	-59.18	-46.87	-11.52	-0.78	-13.00	-46.18
188.11	S	-61.35	-64.34	4.50	-1.51	-13.00	-48.35
356.89	S	-62.21	-66.14	5.89	-1.96	-13.00	-49.21
482.99	S	-71.05	-74.62	5.77	-2.20	-13.00	-58.05
742.95	S	-68.30	-71.06	5.45	-2.68	-13.00	-55.30
938.89	S	-65.74	-67.94	5.39	-3.19	-13.00	-52.74

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

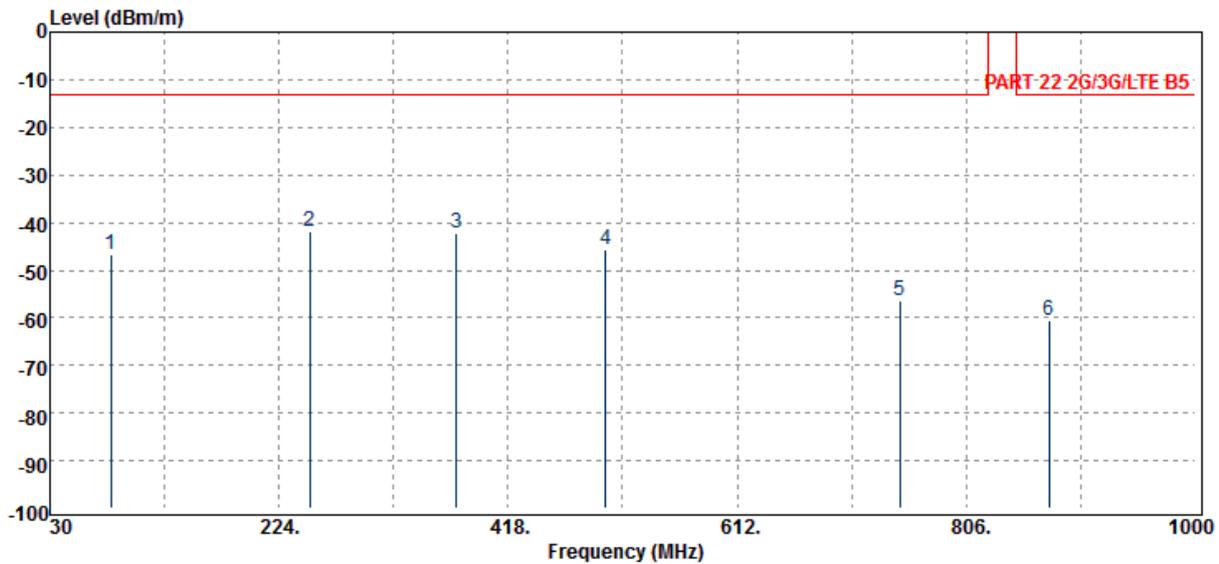
www.tw.sgs.com

Member of SGS Group

***Antenna Part No.: TG.30.8111 Apex**

Radiated Spurious Emission Measurement Result: GPRS 850 Mode

ARFCN	:CH 128	Test Date	:2015-08-28
Operation Band	:GPRS 850	Temp./Humi.	:22 deg_C / 53 RH
Fundamental Frequency	:824.2 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

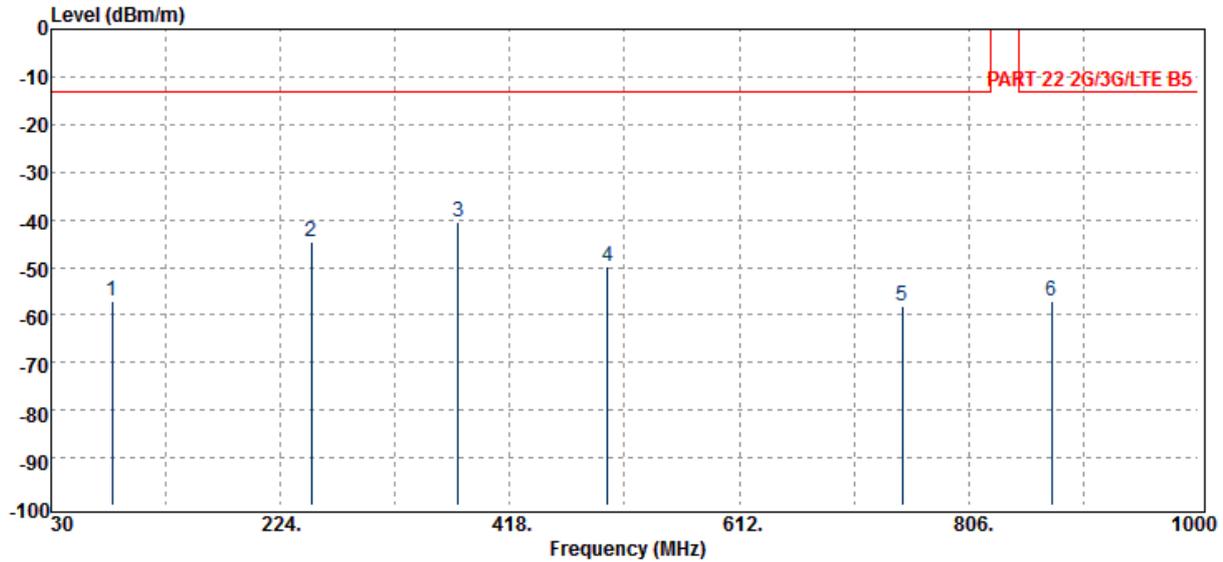


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-46.78	-43.31	-2.41	-1.06	-13.00	-33.78
250.19	S	-41.95	-43.76	3.44	-1.64	-13.00	-28.95
374.35	S	-42.08	-43.82	3.69	-1.96	-13.00	-29.08
500.45	S	-45.57	-47.02	3.76	-2.30	-13.00	-32.57
749.74	S	-56.42	-57.01	3.28	-2.70	-13.00	-43.42
875.84	S	-60.42	-60.70	3.36	-3.08	-13.00	-47.42

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.

ARFCN	:CH 128	Test Date	:2015-08-28
Operation Band	:GPRS 850	Temp./Humi.	:22 deg_C / 53 RH
Fundamental Frequency	:824.2 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-57.02	-53.55	-2.41	-1.06	-13.00	-44.02
250.19	S	-44.75	-46.55	3.44	-1.64	-13.00	-31.75
374.35	S	-40.48	-42.21	3.69	-1.96	-13.00	-27.48
500.45	S	-49.88	-51.33	3.76	-2.30	-13.00	-36.88
749.74	S	-58.12	-58.70	3.28	-2.70	-13.00	-45.12
875.84	S	-57.17	-57.45	3.36	-3.08	-13.00	-44.17

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

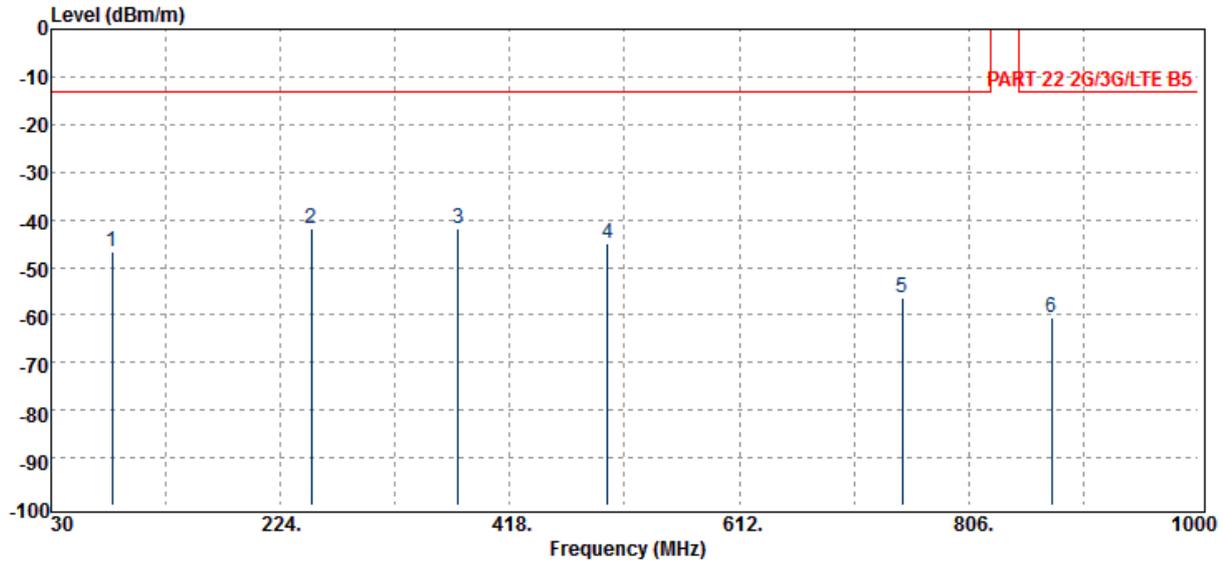
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 190	Test Date	:2015-08-28
Operation Band	:GPRS 850	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.6 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-46.74	-43.27	-2.41	-1.06	-13.00	-33.74
250.19	S	-41.98	-43.78	3.44	-1.64	-13.00	-28.98
374.35	S	-41.99	-43.72	3.69	-1.96	-13.00	-28.99
500.45	S	-45.12	-46.57	3.76	-2.30	-13.00	-32.12
749.74	S	-56.34	-56.93	3.28	-2.70	-13.00	-43.34
875.84	S	-60.62	-60.90	3.36	-3.08	-13.00	-47.62

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

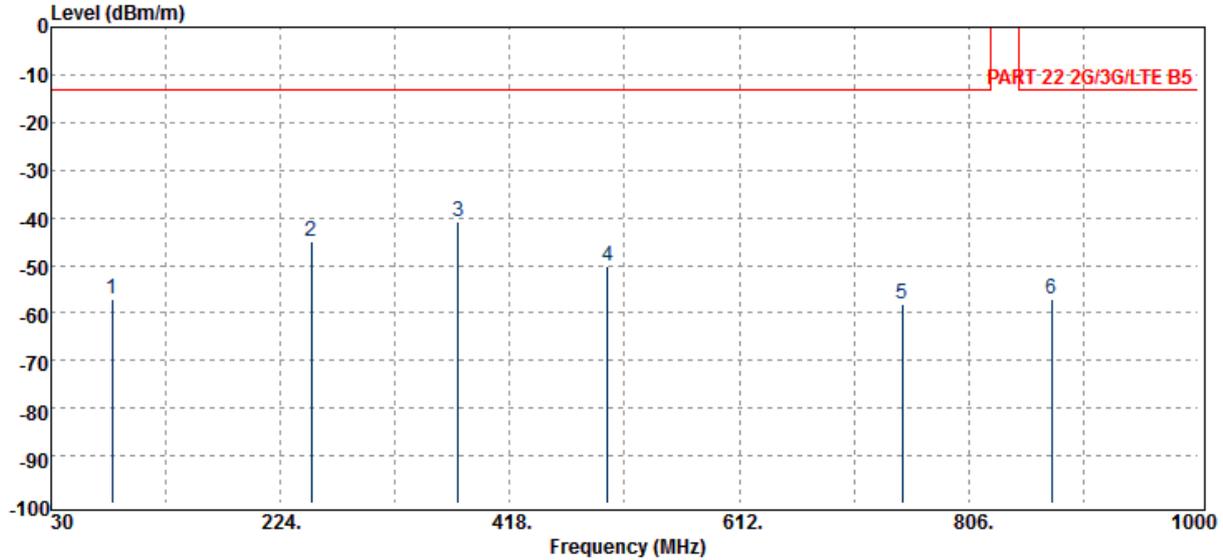
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 190	Test Date	:2015-08-28
Operation Band	:GPRS 850	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.6 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-57.25	-53.78	-2.41	-1.06	-13.00	-44.25
250.19	S	-44.82	-46.62	3.44	-1.64	-13.00	-31.82
374.35	S	-40.70	-42.44	3.69	-1.96	-13.00	-27.70
500.45	S	-50.11	-51.56	3.76	-2.30	-13.00	-37.11
749.74	S	-58.16	-58.75	3.28	-2.70	-13.00	-45.16
875.84	S	-57.14	-57.42	3.36	-3.08	-13.00	-44.14

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

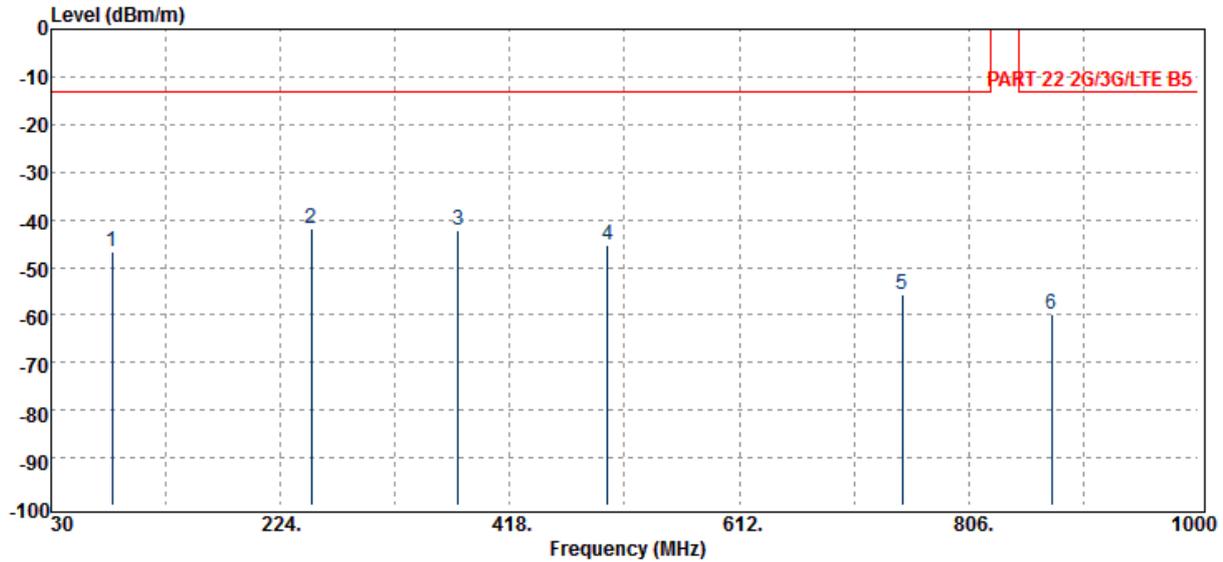
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 251	Test Date	:2015-08-28
Operation Band	:GPRS 850	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:848.8 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-46.86	-43.39	-2.41	-1.06	-13.00	-33.86
250.19	S	-41.80	-43.60	3.44	-1.64	-13.00	-28.80
374.35	S	-42.39	-44.12	3.69	-1.96	-13.00	-29.39
500.45	S	-45.43	-46.89	3.76	-2.30	-13.00	-32.43
749.74	S	-55.78	-56.37	3.28	-2.70	-13.00	-42.78
875.84	S	-59.82	-60.11	3.36	-3.08	-13.00	-46.82

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

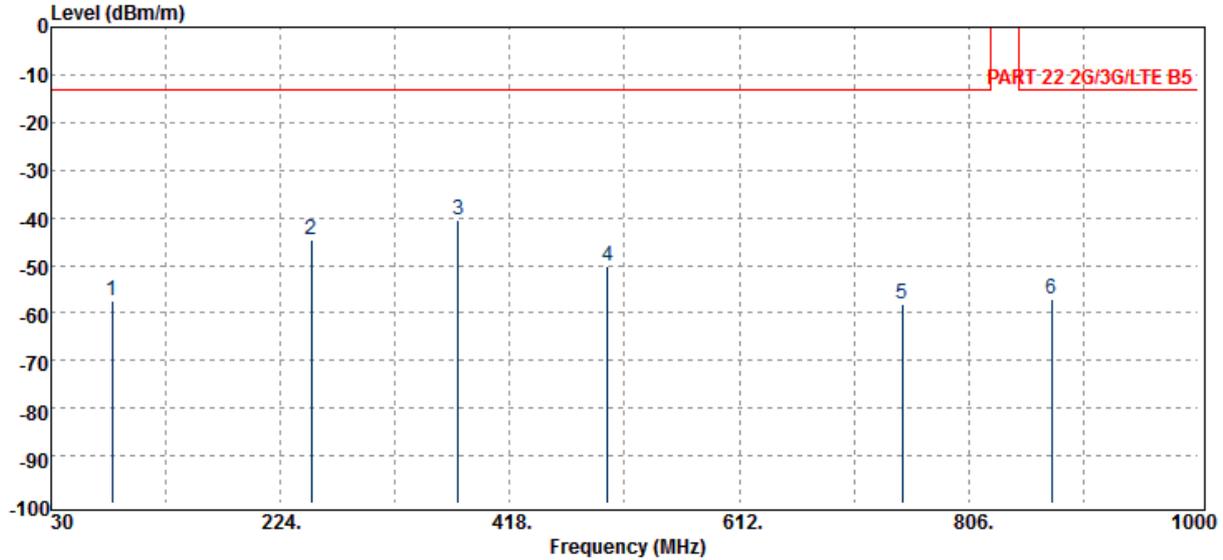
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 251	Test Date	:2015-08-28
Operation Band	:GPRS 850	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:848.8 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-57.59	-54.12	-2.41	-1.06	-13.00	-44.59
250.19	S	-44.70	-46.51	3.44	-1.64	-13.00	-31.70
374.35	S	-40.51	-42.24	3.69	-1.96	-13.00	-27.51
500.45	S	-50.20	-51.65	3.76	-2.30	-13.00	-37.20
749.74	S	-58.18	-58.77	3.28	-2.70	-13.00	-45.18
875.84	S	-57.09	-57.37	3.36	-3.08	-13.00	-44.09

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

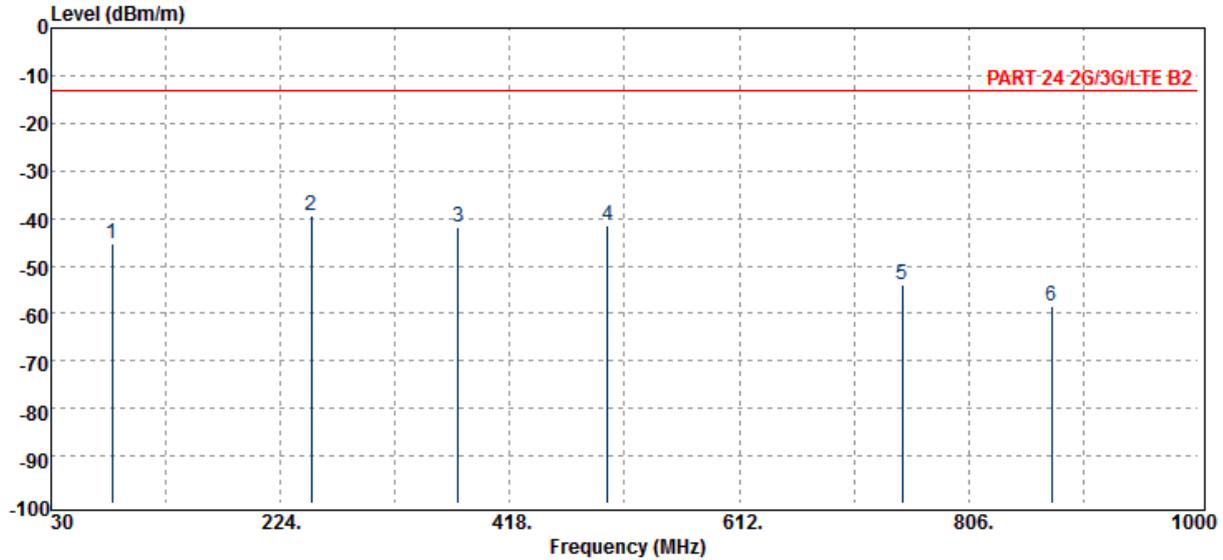
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: GPRS 1900 Mode

ARFCN	:CH 512	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1850.2 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-45.38	-44.06	-0.26	-1.06	-13.00	-32.38
250.19	S	-39.58	-43.54	5.59	-1.64	-13.00	-26.58
374.35	S	-41.96	-45.84	5.84	-1.96	-13.00	-28.96
500.45	S	-41.56	-45.16	5.91	-2.30	-13.00	-28.56
749.74	S	-54.02	-56.75	5.43	-2.70	-13.00	-41.02
875.84	S	-58.36	-60.79	5.51	-3.08	-13.00	-45.36

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

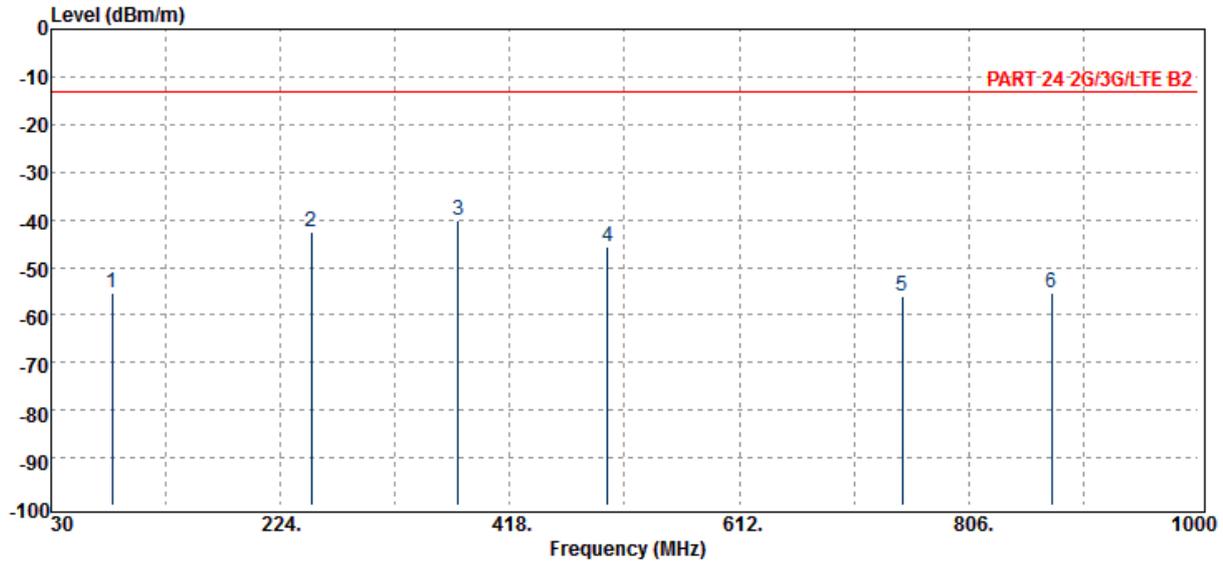
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 512	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1850.2 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-55.36	-54.04	-0.26	-1.06	-13.00	-42.36
250.19	S	-42.39	-46.35	5.59	-1.64	-13.00	-29.39
374.35	S	-40.18	-44.06	5.84	-1.96	-13.00	-27.18
500.45	S	-45.55	-49.15	5.91	-2.30	-13.00	-32.55
749.74	S	-55.89	-58.62	5.43	-2.70	-13.00	-42.89
875.84	S	-55.51	-57.94	5.51	-3.08	-13.00	-42.51

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

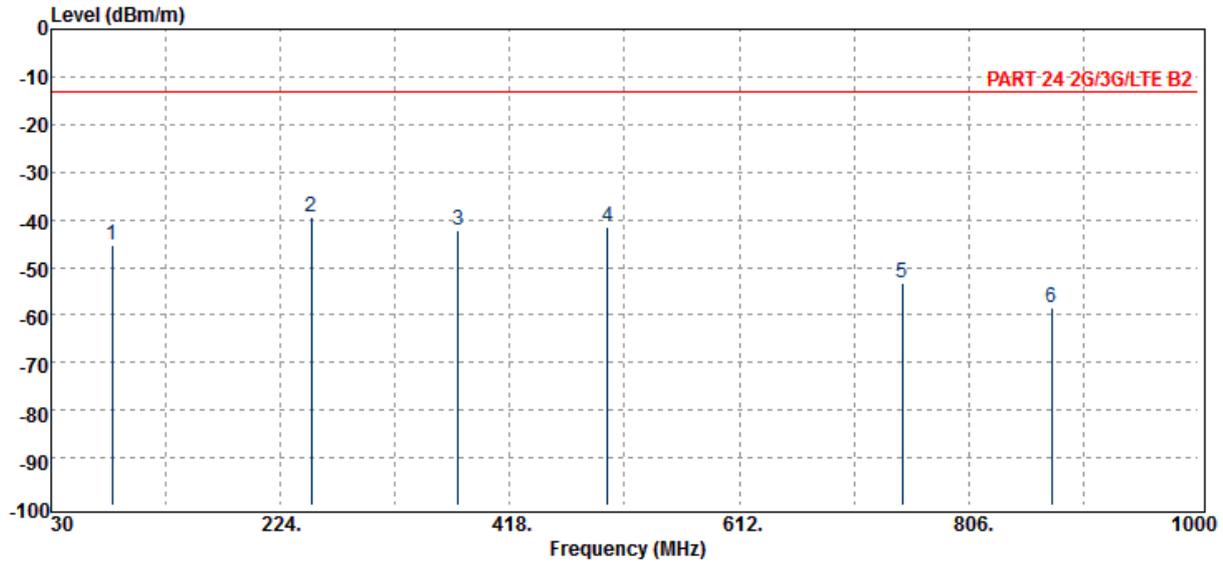
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 661	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1880.0 MHz	Engineer	:Tin
Operation Mode	:TX MID	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-45.34	-44.02	-0.26	-1.06	-13.00	-32.34
250.19	S	-39.56	-43.52	5.59	-1.64	-13.00	-26.56
374.35	S	-42.13	-46.02	5.84	-1.96	-13.00	-29.13
500.45	S	-41.53	-45.13	5.91	-2.30	-13.00	-28.53
749.74	S	-53.44	-56.18	5.43	-2.70	-13.00	-40.44
875.84	S	-58.41	-60.84	5.51	-3.08	-13.00	-45.41

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

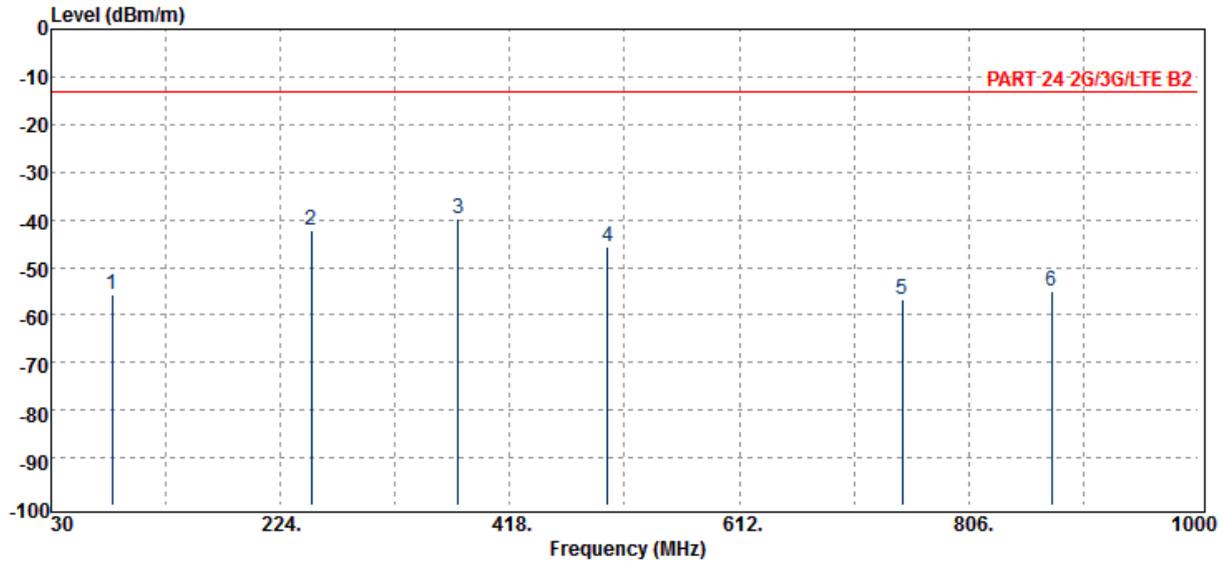
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 661	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1880.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-55.84	-54.52	-0.26	-1.06	-13.00	-42.84
250.19	S	-42.37	-46.32	5.59	-1.64	-13.00	-29.37
374.35	S	-39.95	-43.84	5.84	-1.96	-13.00	-26.95
500.45	S	-45.63	-49.23	5.91	-2.30	-13.00	-32.63
749.74	S	-56.65	-59.39	5.43	-2.70	-13.00	-43.65
875.84	S	-55.12	-57.56	5.51	-3.08	-13.00	-42.12

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

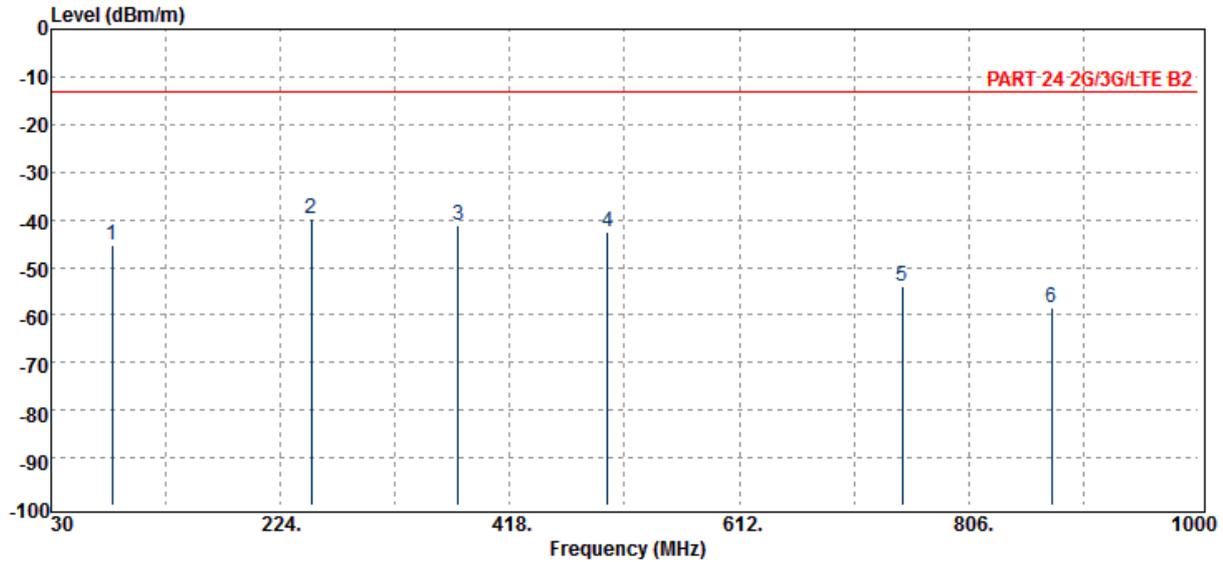
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 810	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1909.8 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-45.46	-44.14	-0.26	-1.06	-13.00	-32.46
250.19	S	-39.69	-43.64	5.59	-1.64	-13.00	-26.69
374.35	S	-41.13	-45.01	5.84	-1.96	-13.00	-28.13
500.45	S	-42.54	-46.15	5.91	-2.30	-13.00	-29.54
749.74	S	-53.85	-56.58	5.43	-2.70	-13.00	-40.85
875.84	S	-58.34	-60.77	5.51	-3.08	-13.00	-45.34

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

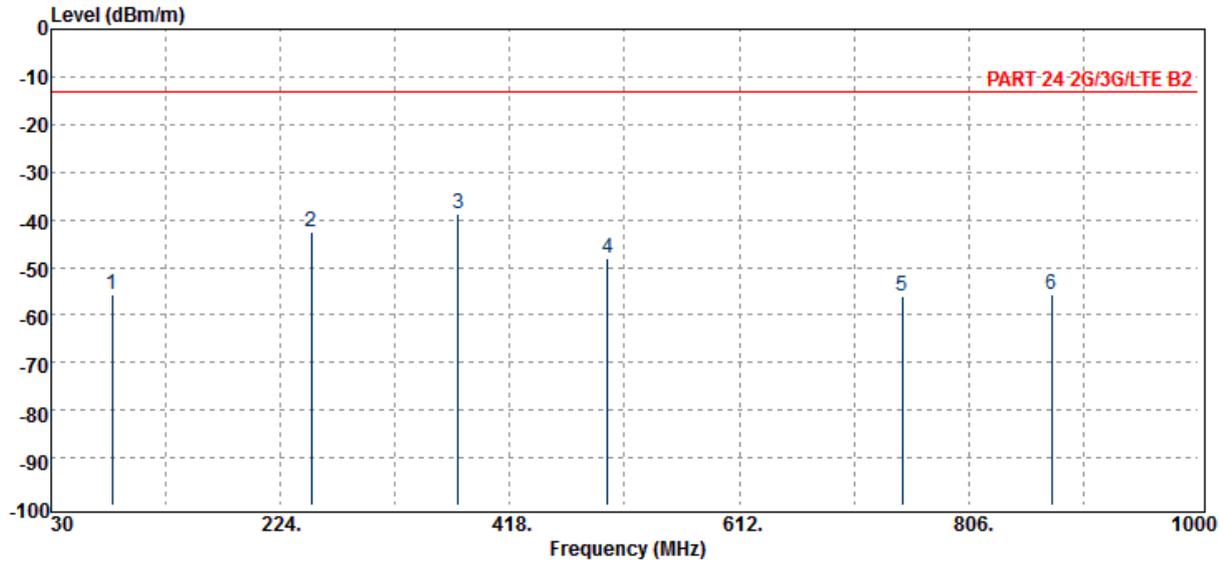
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 810	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1909.8 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-55.69	-54.37	-0.26	-1.06	-13.00	-42.69
250.19	S	-42.63	-46.59	5.59	-1.64	-13.00	-29.63
374.35	S	-38.61	-42.50	5.84	-1.96	-13.00	-25.61
500.45	S	-47.94	-51.54	5.91	-2.30	-13.00	-34.94
749.74	S	-56.11	-58.85	5.43	-2.70	-13.00	-43.11
875.84	S	-55.70	-58.13	5.51	-3.08	-13.00	-42.70

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

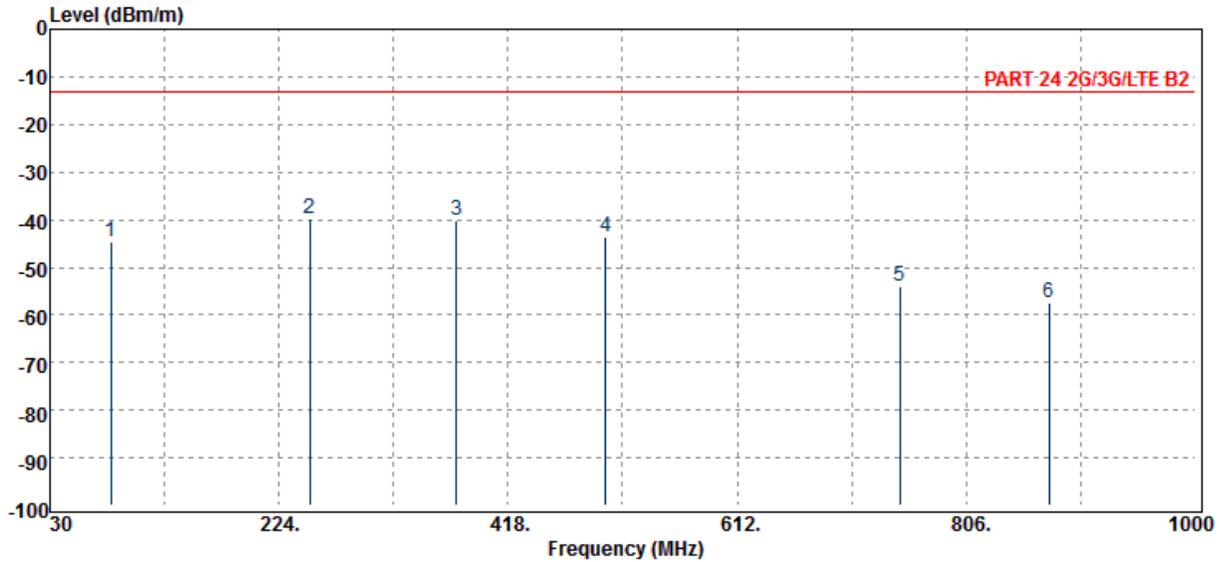
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: HSDPA II Mode

ARFCN	:CH 9262	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1852.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



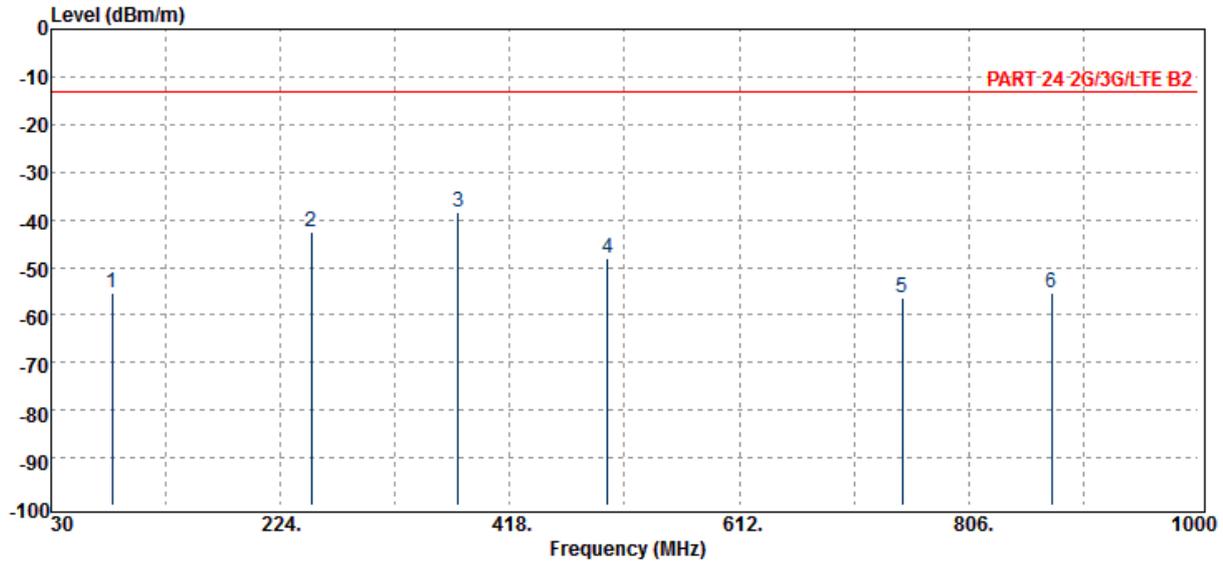
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-44.50	-43.18	-0.26	-1.06	-13.00	-31.50
250.19	S	-39.73	-43.69	5.59	-1.64	-13.00	-26.73
374.35	S	-40.13	-44.02	5.84	-1.96	-13.00	-27.13
500.45	S	-43.46	-47.07	5.91	-2.30	-13.00	-30.46
749.74	S	-54.11	-56.85	5.43	-2.70	-13.00	-41.11
875.84	S	-57.57	-60.01	5.51	-3.08	-13.00	-44.57

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.

ARFCN	:CH 9262	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1852.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-55.23	-53.91	-0.26	-1.06	-13.00	-42.23
250.19	S	-42.62	-46.57	5.59	-1.64	-13.00	-29.62
374.35	S	-38.46	-42.35	5.84	-1.96	-13.00	-25.46
500.45	S	-48.09	-51.69	5.91	-2.30	-13.00	-35.09
749.74	S	-56.52	-59.26	5.43	-2.70	-13.00	-43.52
875.84	S	-55.48	-57.91	5.51	-3.08	-13.00	-42.48

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

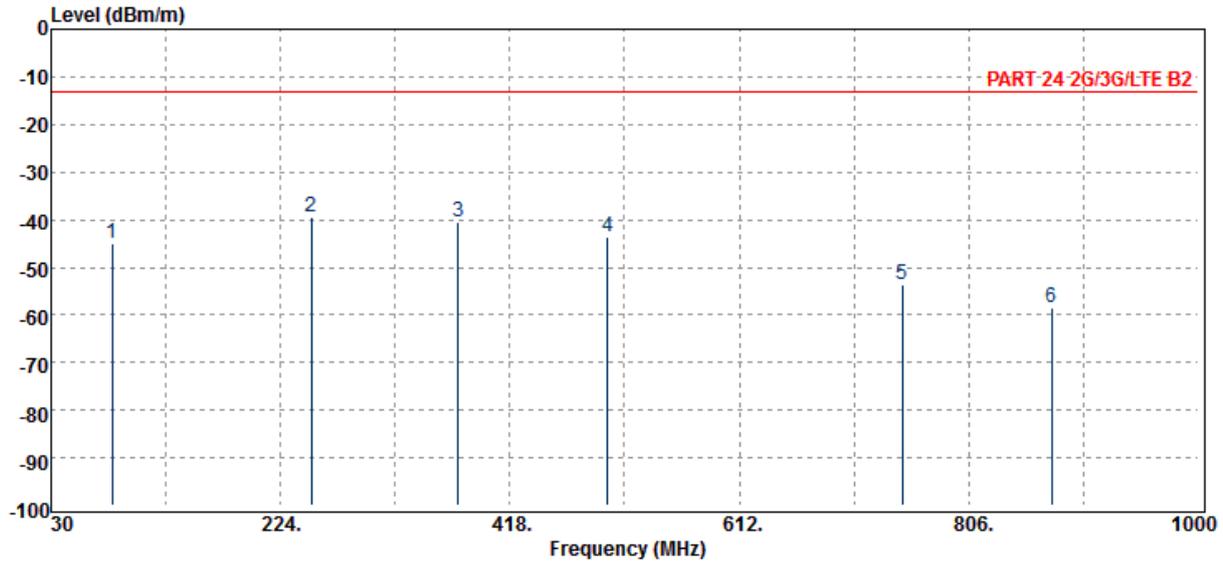
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 9400	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1880.0 MHz	Engineer	:Tin
Operation Mode	:TX MID	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-44.91	-43.59	-0.26	-1.06	-13.00	-31.91
250.19	S	-39.57	-43.52	5.59	-1.64	-13.00	-26.57
374.35	S	-40.34	-44.23	5.84	-1.96	-13.00	-27.34
500.45	S	-43.51	-47.11	5.91	-2.30	-13.00	-30.51
749.74	S	-53.75	-56.48	5.43	-2.70	-13.00	-40.75
875.84	S	-58.49	-60.92	5.51	-3.08	-13.00	-45.49

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

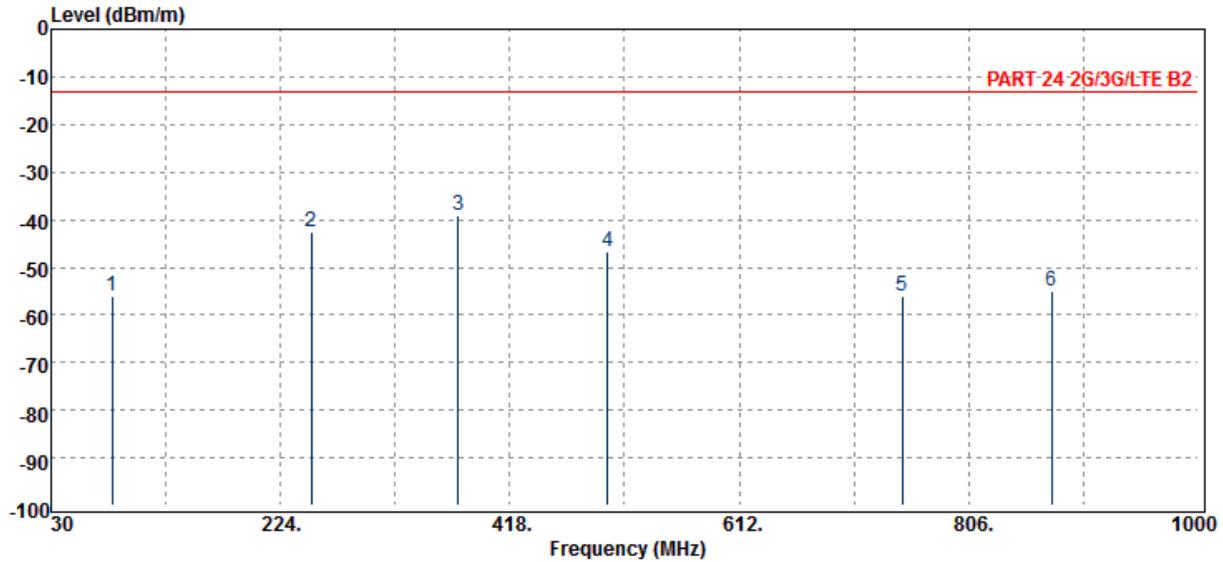
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 9400	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1880.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



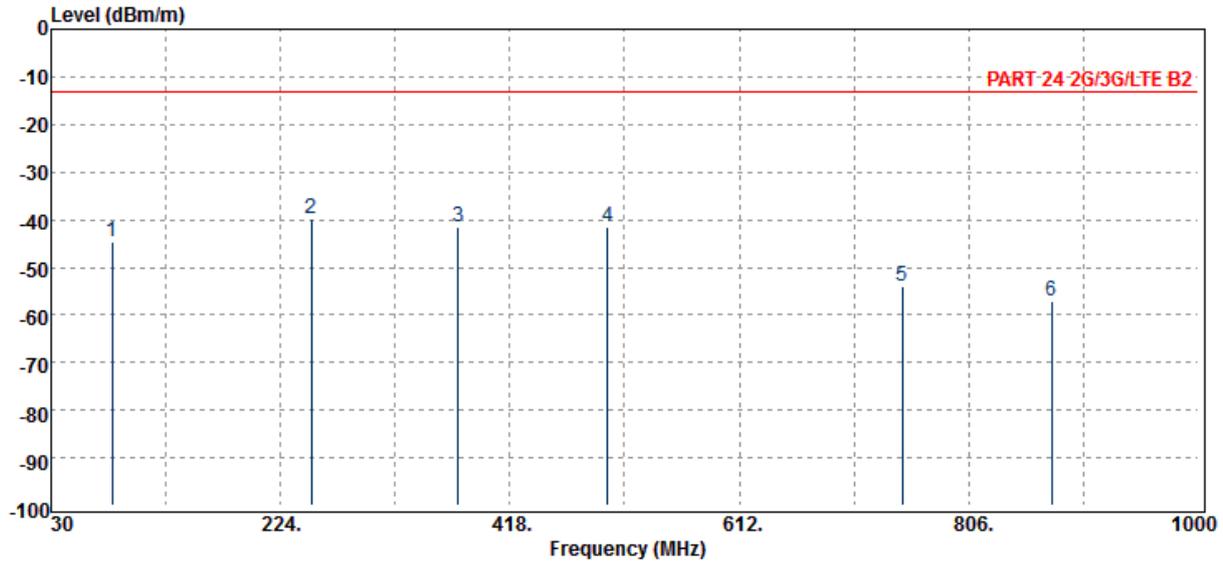
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-55.96	-54.64	-0.26	-1.06	-13.00	-42.96
250.19	S	-42.62	-46.57	5.59	-1.64	-13.00	-29.62
374.35	S	-39.21	-43.10	5.84	-1.96	-13.00	-26.21
500.45	S	-46.61	-50.22	5.91	-2.30	-13.00	-33.61
749.74	S	-56.03	-58.77	5.43	-2.70	-13.00	-43.03
875.84	S	-55.11	-57.54	5.51	-3.08	-13.00	-42.11

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

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

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

ARFCN	:CH 9538	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1907.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-44.73	-43.41	-0.26	-1.06	-13.00	-31.73
250.19	S	-39.63	-43.59	5.59	-1.64	-13.00	-26.63
374.35	S	-41.61	-45.49	5.84	-1.96	-13.00	-28.61
500.45	S	-41.69	-45.30	5.91	-2.30	-13.00	-28.69
749.74	S	-53.90	-56.64	5.43	-2.70	-13.00	-40.90
875.84	S	-57.23	-59.67	5.51	-3.08	-13.00	-44.23

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

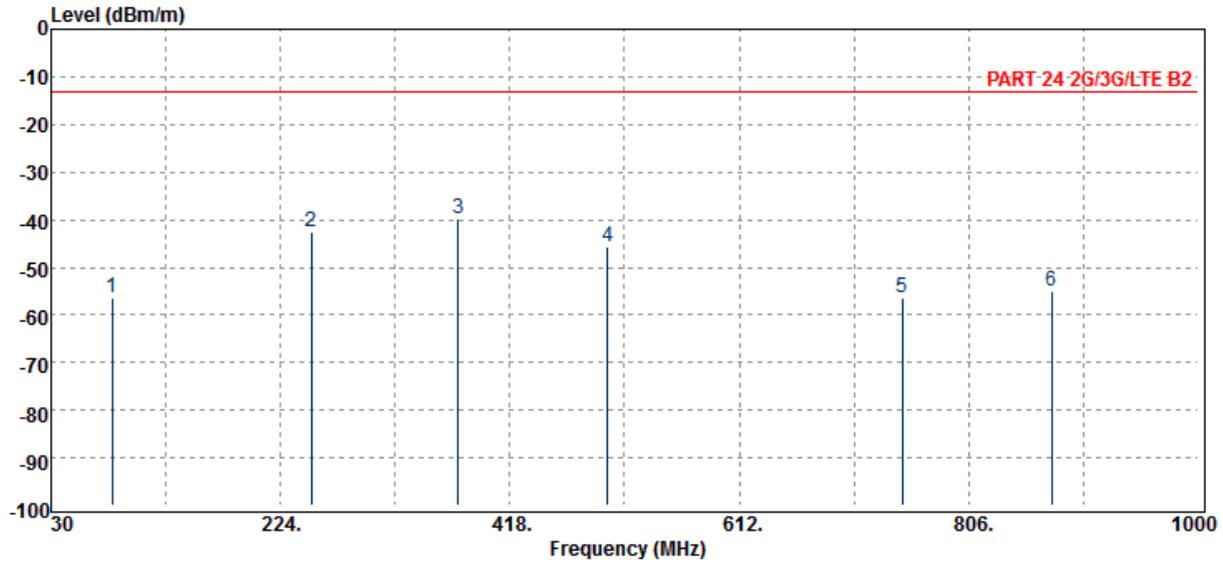
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 9538	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1907.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-56.42	-55.10	-0.26	-1.06	-13.00	-43.42
250.19	S	-42.43	-46.38	5.59	-1.64	-13.00	-29.43
374.35	S	-39.92	-43.81	5.84	-1.96	-13.00	-26.92
500.45	S	-45.71	-49.32	5.91	-2.30	-13.00	-32.71
749.74	S	-56.26	-59.00	5.43	-2.70	-13.00	-43.26
875.84	S	-55.02	-57.45	5.51	-3.08	-13.00	-42.02

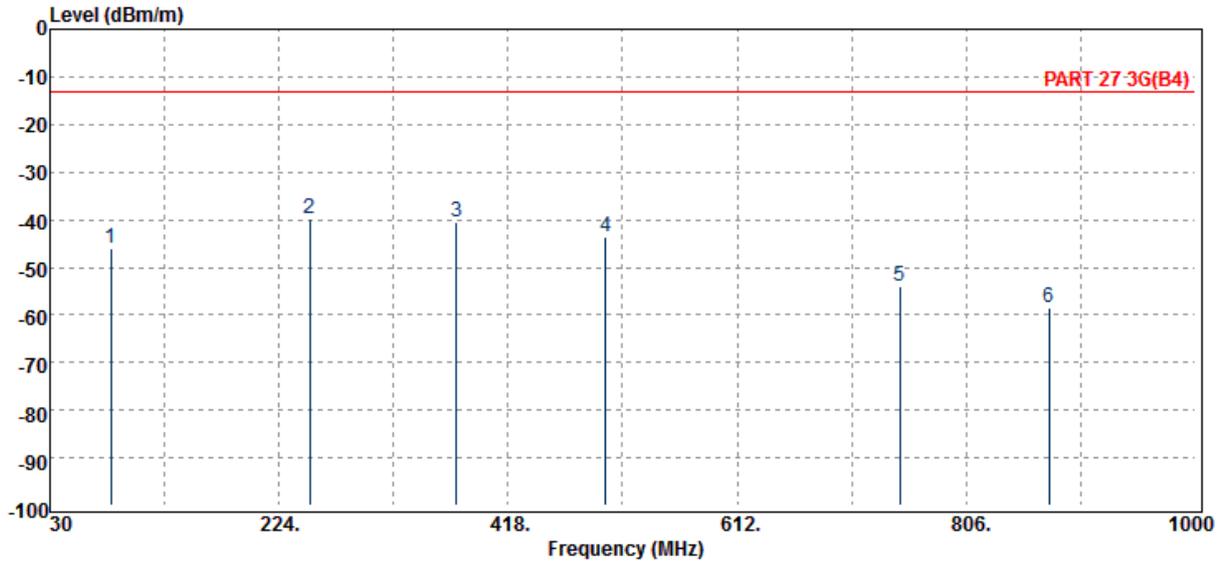
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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.

Radiated Spurious Emission Measurement Result: HSDPA IV Mode

ARFCN	:CH 1312	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1712.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-45.90	-44.58	-0.26	-1.06	-13.00	-32.90
250.19	S	-39.72	-43.68	5.59	-1.64	-13.00	-26.72
374.35	S	-40.49	-44.37	5.84	-1.96	-13.00	-27.49
500.45	S	-43.55	-47.16	5.91	-2.30	-13.00	-30.55
749.74	S	-53.98	-56.72	5.43	-2.70	-13.00	-40.98
875.84	S	-58.45	-60.88	5.51	-3.08	-13.00	-45.45

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

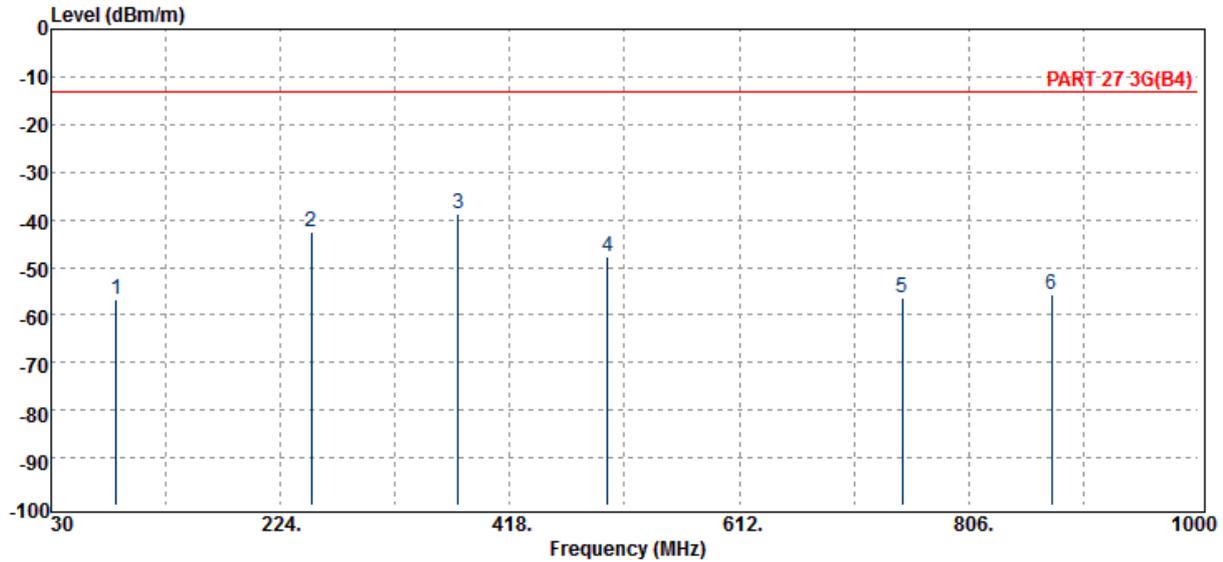
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 1312	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1712.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
85.29	S	-56.70	-56.28	0.65	-1.07	-13.00	-43.70
250.19	S	-42.69	-46.65	5.59	-1.64	-13.00	-29.69
374.35	S	-38.68	-42.56	5.84	-1.96	-13.00	-25.68
500.45	S	-47.85	-51.45	5.91	-2.30	-13.00	-34.85
749.74	S	-56.25	-58.99	5.43	-2.70	-13.00	-43.25
875.84	S	-55.65	-58.08	5.51	-3.08	-13.00	-42.65

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

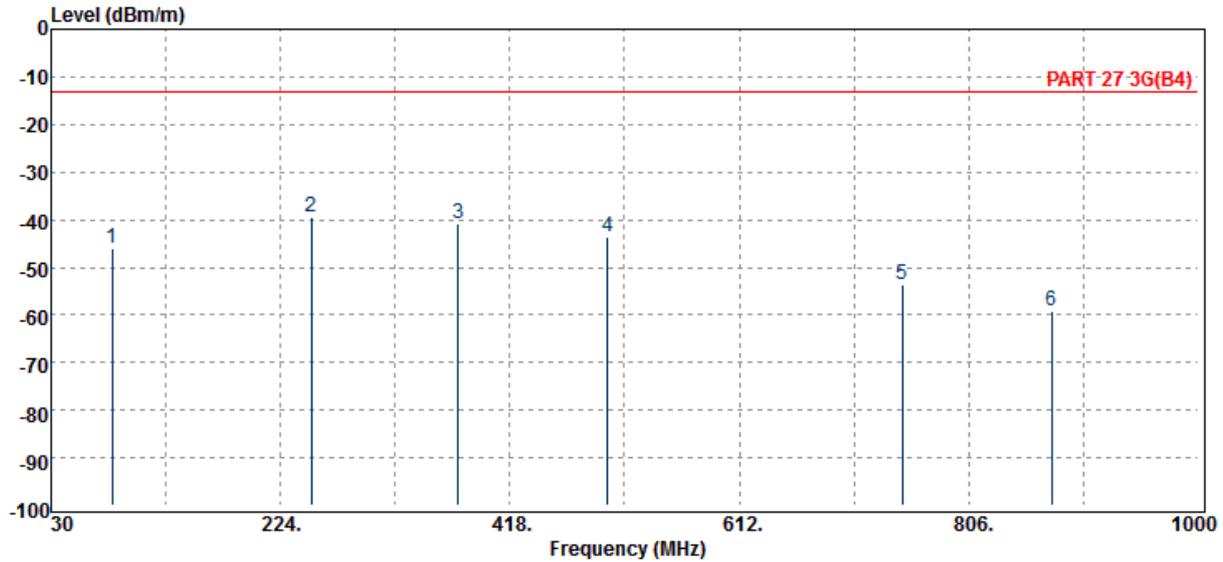
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 1413	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1732.6 MHz	Engineer	:Tin
Operation Mode	:TX MID	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-45.88	-44.56	-0.26	-1.06	-13.00	-32.88
250.19	S	-39.59	-43.54	5.59	-1.64	-13.00	-26.59
374.35	S	-40.70	-44.58	5.84	-1.96	-13.00	-27.70
500.45	S	-43.62	-47.23	5.91	-2.30	-13.00	-30.62
749.74	S	-53.66	-56.40	5.43	-2.70	-13.00	-40.66
875.84	S	-59.02	-61.46	5.51	-3.08	-13.00	-46.02

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

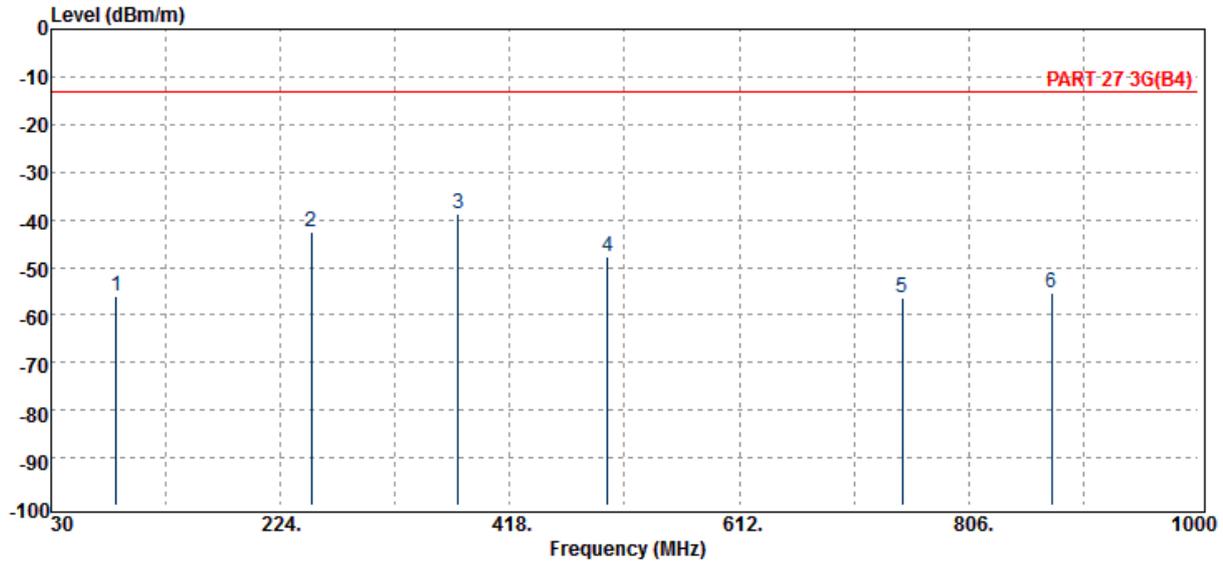
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 1413	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1732.6 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



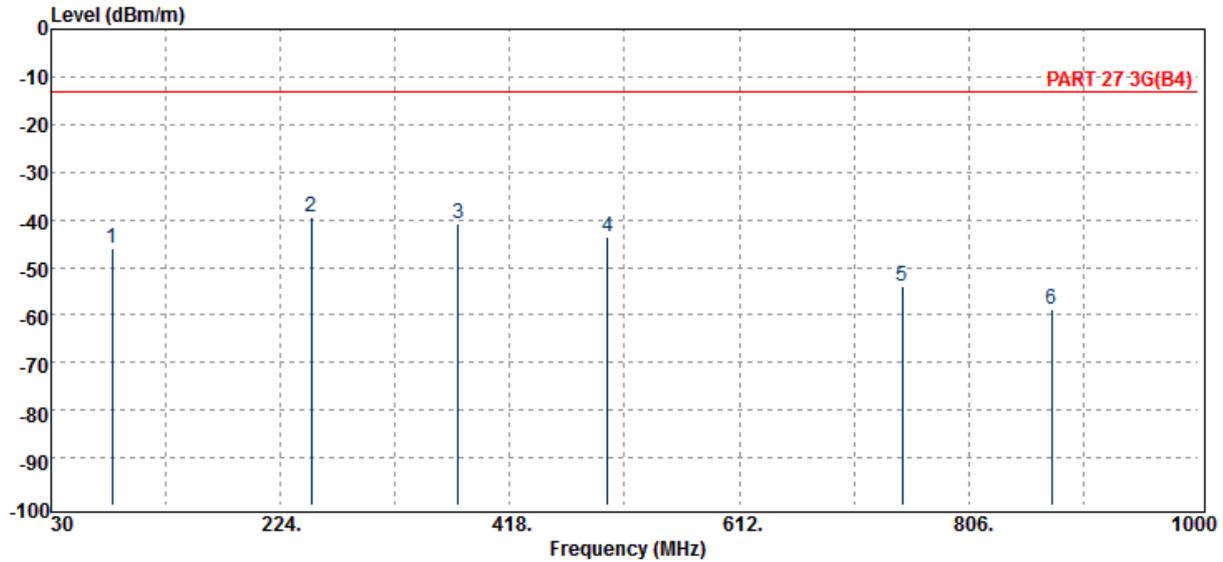
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
85.29	S	-55.92	-55.50	0.65	-1.07	-13.00	-42.92
250.19	S	-42.45	-46.40	5.59	-1.64	-13.00	-29.45
374.35	S	-38.69	-42.58	5.84	-1.96	-13.00	-25.69
500.45	S	-47.88	-51.49	5.91	-2.30	-13.00	-34.88
749.74	S	-56.33	-59.07	5.43	-2.70	-13.00	-43.33
875.84	S	-55.48	-57.92	5.51	-3.08	-13.00	-42.48

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.

ARFCN	:CH 1513	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1752.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-45.88	-44.56	-0.26	-1.06	-13.00	-32.88
250.19	S	-39.47	-43.43	5.59	-1.64	-13.00	-26.47
374.35	S	-40.66	-44.54	5.84	-1.96	-13.00	-27.66
500.45	S	-43.46	-47.07	5.91	-2.30	-13.00	-30.46
749.74	S	-53.98	-56.71	5.43	-2.70	-13.00	-40.98
875.84	S	-58.82	-61.25	5.51	-3.08	-13.00	-45.82

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

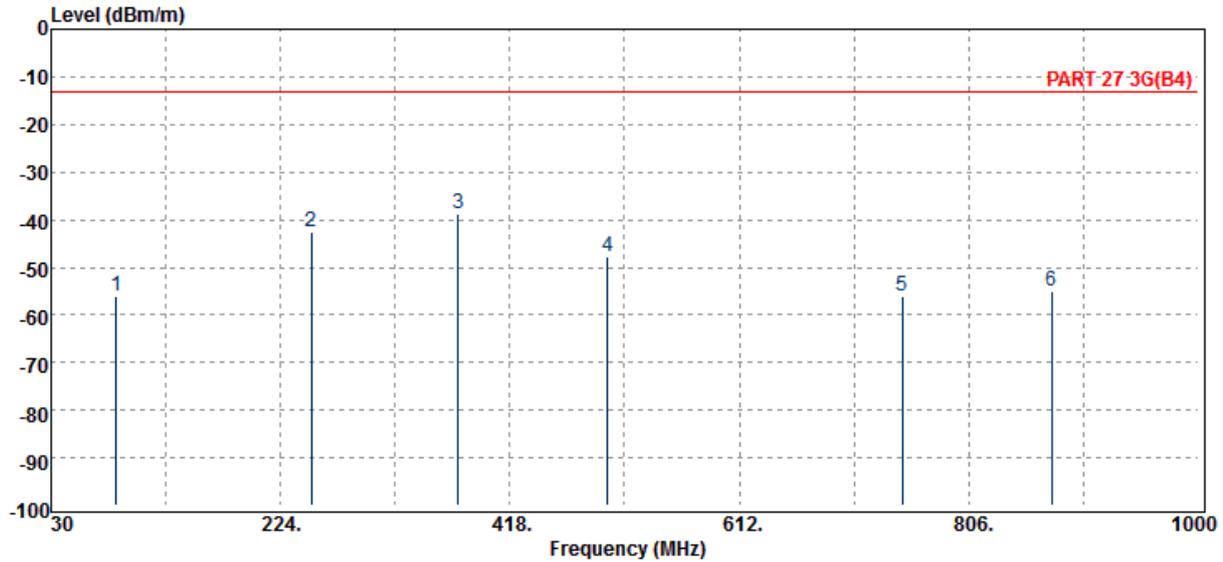
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 1513	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1752.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
85.29	S	-56.12	-55.70	0.65	-1.07	-13.00	-43.12
250.19	S	-42.51	-46.47	5.59	-1.64	-13.00	-29.51
374.35	S	-38.68	-42.56	5.84	-1.96	-13.00	-25.68
500.45	S	-47.83	-51.44	5.91	-2.30	-13.00	-34.83
749.74	S	-56.11	-58.84	5.43	-2.70	-13.00	-43.11
875.84	S	-55.11	-57.55	5.51	-3.08	-13.00	-42.11

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

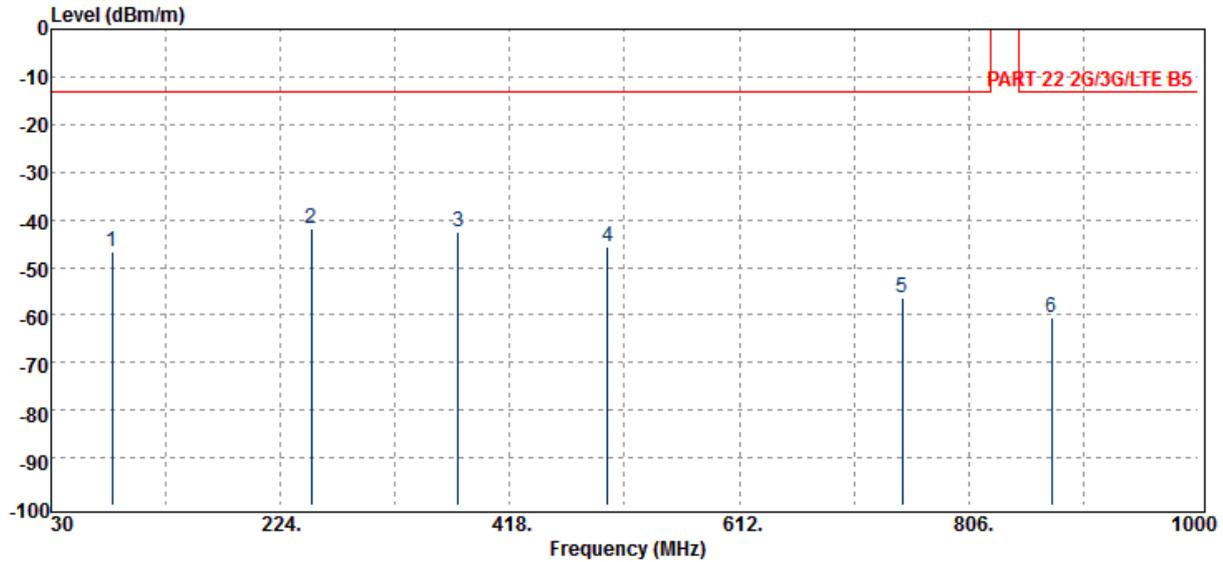
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: HSDPA V Mode

ARFCN	:CH 4132	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:826.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-46.67	-43.20	-2.41	-1.06	-13.00	-33.67
250.19	S	-41.80	-43.60	3.44	-1.64	-13.00	-28.80
374.35	S	-42.46	-44.19	3.69	-1.96	-13.00	-29.46
500.45	S	-45.51	-46.97	3.76	-2.30	-13.00	-32.51
749.74	S	-56.35	-56.93	3.28	-2.70	-13.00	-43.35
875.84	S	-60.53	-60.82	3.36	-3.08	-13.00	-47.53

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

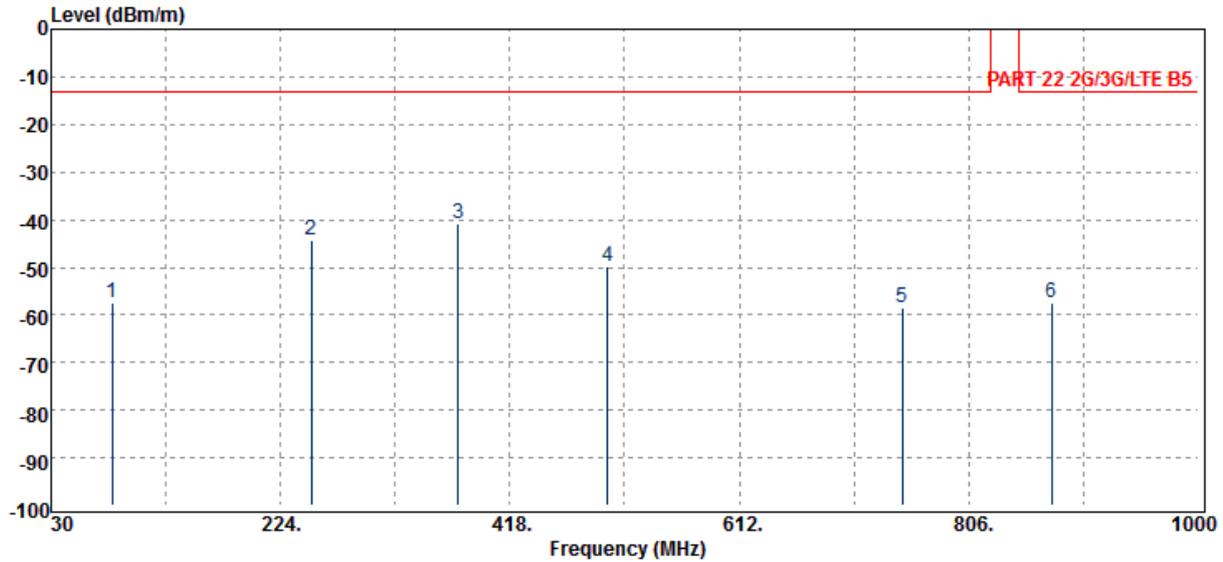
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 4132	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:826.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



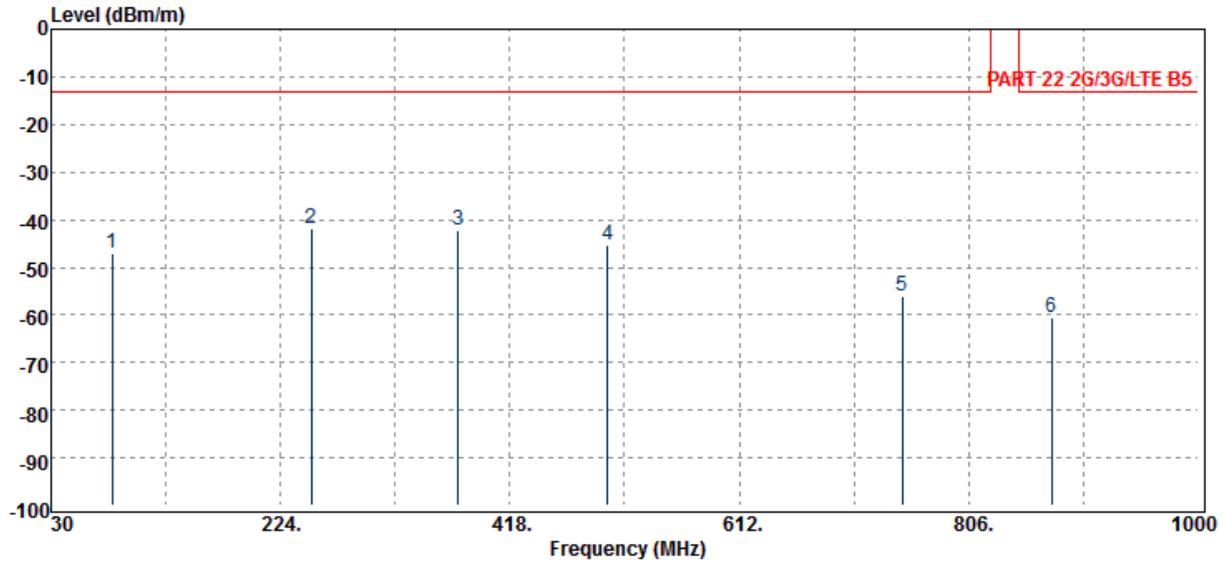
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-57.57	-54.10	-2.41	-1.06	-13.00	-44.57
250.19	S	-44.39	-46.19	3.44	-1.64	-13.00	-31.39
374.35	S	-40.68	-42.42	3.69	-1.96	-13.00	-27.68
500.45	S	-49.94	-51.40	3.76	-2.30	-13.00	-36.94
749.74	S	-58.38	-58.97	3.28	-2.70	-13.00	-45.38
875.84	S	-57.58	-57.87	3.36	-3.08	-13.00	-44.58

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.

ARFCN	:CH 4183	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.6 MHz	Engineer	:Tin
Operation Mode	:TX MID	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



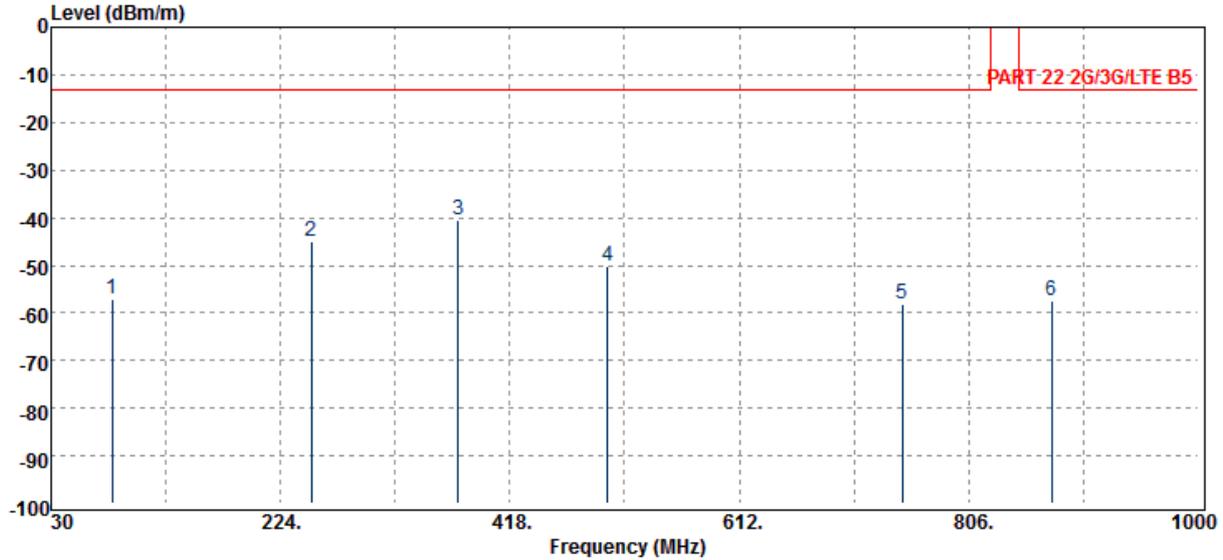
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-46.94	-43.47	-2.41	-1.06	-13.00	-33.94
250.19	S	-41.90	-43.70	3.44	-1.64	-13.00	-28.90
374.35	S	-42.16	-43.89	3.69	-1.96	-13.00	-29.16
500.45	S	-45.35	-46.81	3.76	-2.30	-13.00	-32.35
749.74	S	-56.00	-56.59	3.28	-2.70	-13.00	-43.00
875.84	S	-60.65	-60.93	3.36	-3.08	-13.00	-47.65

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

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

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

ARFCN	:CH 4183	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.6 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-57.20	-53.73	-2.41	-1.06	-13.00	-44.20
250.19	S	-45.02	-46.83	3.44	-1.64	-13.00	-32.02
374.35	S	-40.53	-42.26	3.69	-1.96	-13.00	-27.53
500.45	S	-50.06	-51.51	3.76	-2.30	-13.00	-37.06
749.74	S	-58.01	-58.60	3.28	-2.70	-13.00	-45.01
875.84	S	-57.48	-57.76	3.36	-3.08	-13.00	-44.48

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

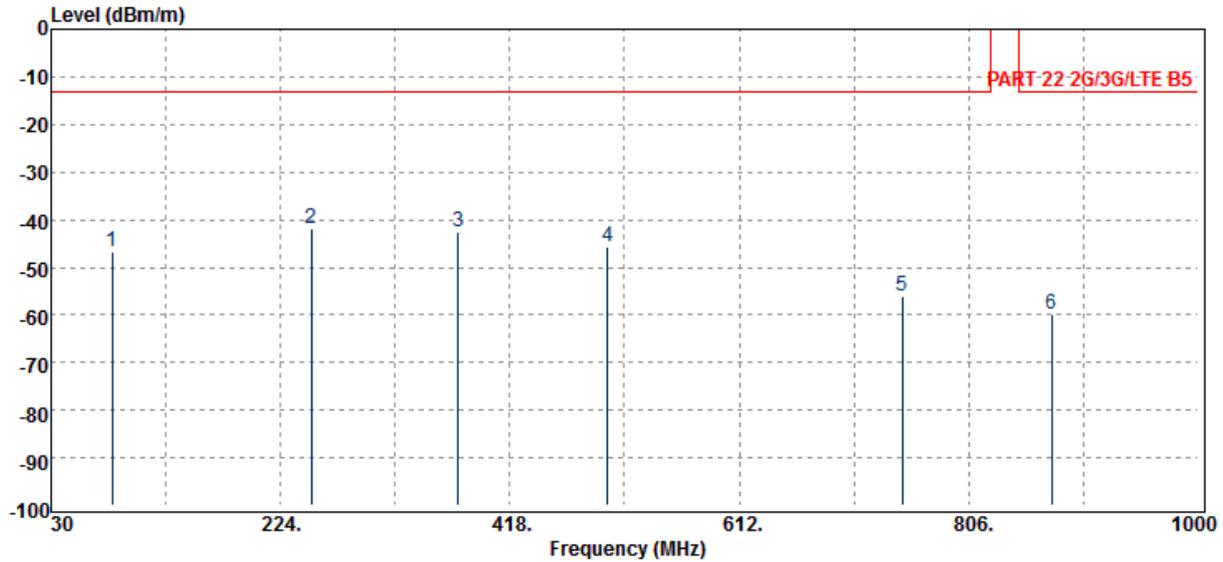
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 4233	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:846.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-46.74	-43.27	-2.41	-1.06	-13.00	-33.74
250.19	S	-41.71	-43.52	3.44	-1.64	-13.00	-28.71
374.35	S	-42.41	-44.14	3.69	-1.96	-13.00	-29.41
500.45	S	-45.78	-47.23	3.76	-2.30	-13.00	-32.78
749.74	S	-55.97	-56.56	3.28	-2.70	-13.00	-42.97
875.84	S	-60.00	-60.28	3.36	-3.08	-13.00	-47.00

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

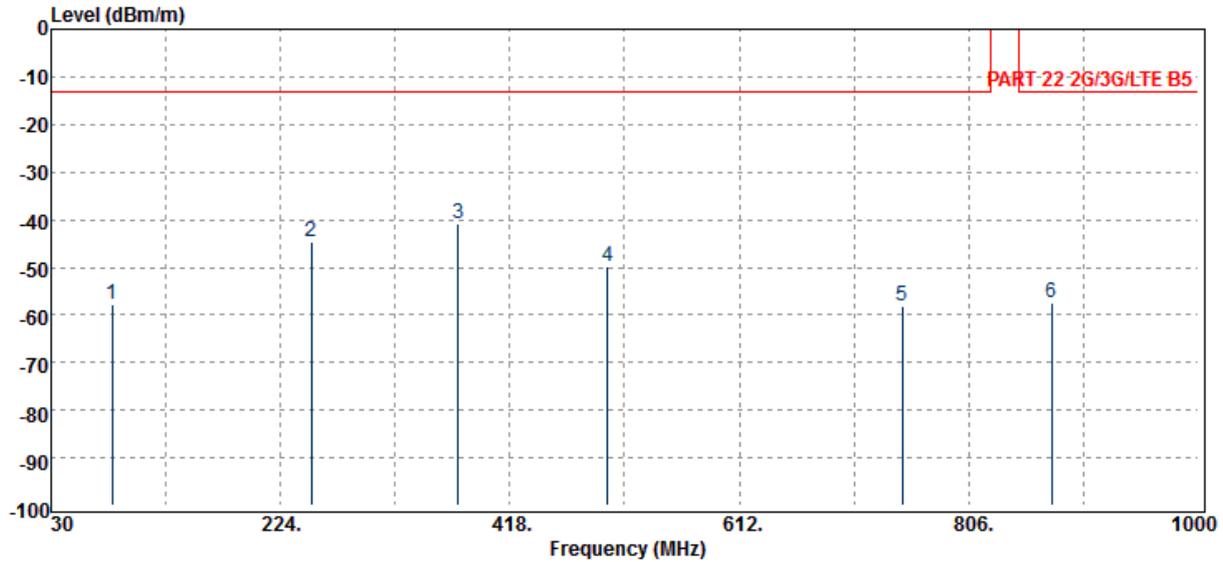
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 4233	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:846.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-57.86	-54.39	-2.41	-1.06	-13.00	-44.86
250.19	S	-44.50	-46.30	3.44	-1.64	-13.00	-31.50
374.35	S	-40.67	-42.41	3.69	-1.96	-13.00	-27.67
500.45	S	-49.67	-51.12	3.76	-2.30	-13.00	-36.67
749.74	S	-58.09	-58.68	3.28	-2.70	-13.00	-45.09
875.84	S	-57.43	-57.72	3.36	-3.08	-13.00	-44.43

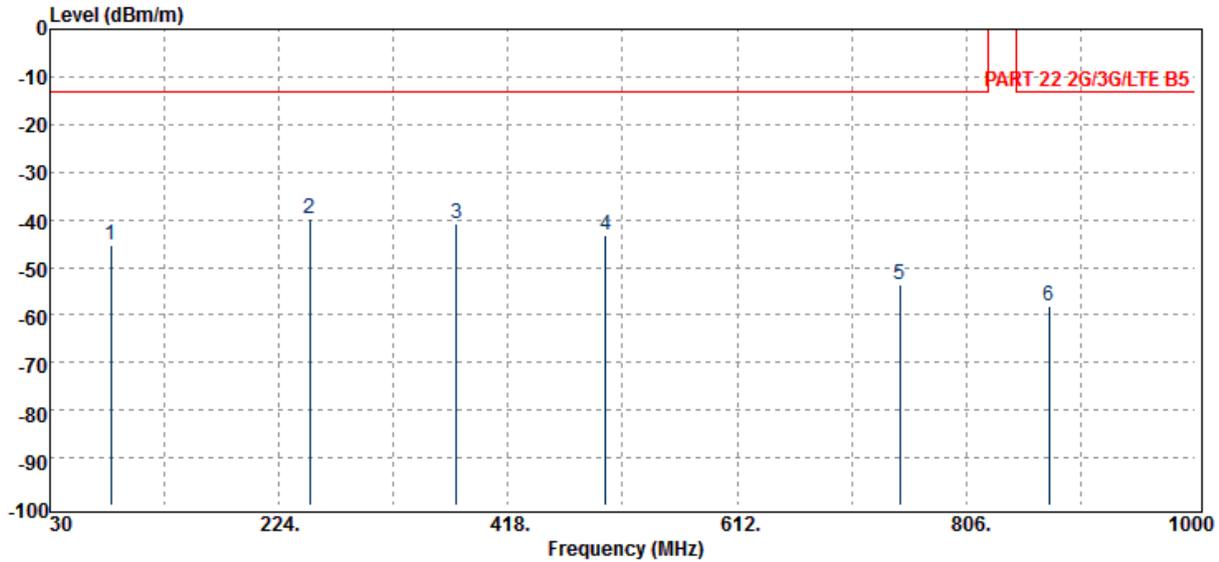
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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.

Radiated Spurious Emission Measurement Result: CDMA BC0 Mode

ARFCN	:CH 1013	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:824.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



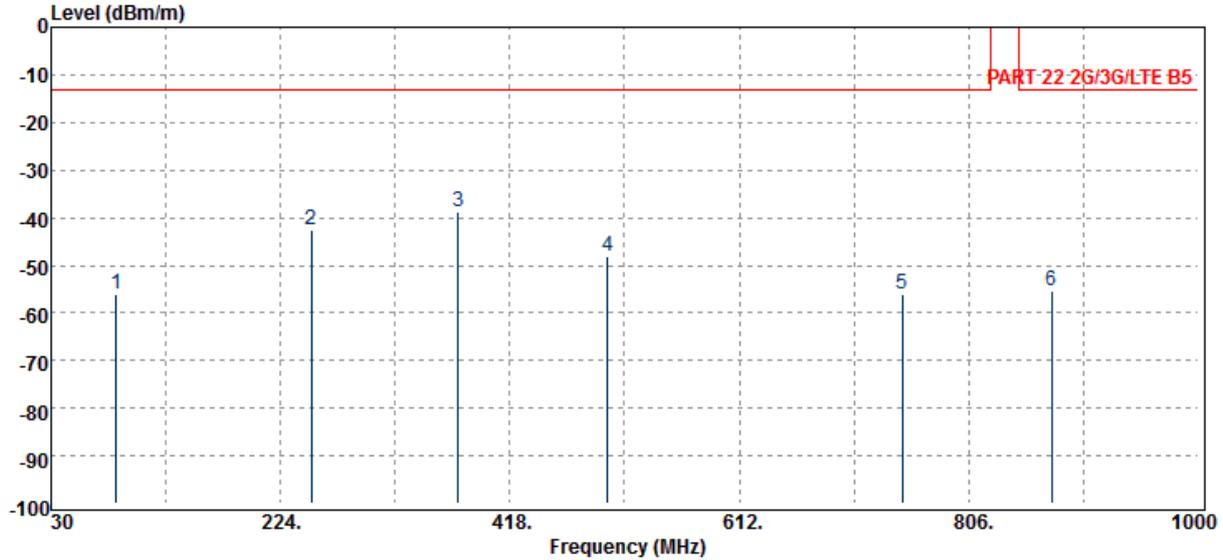
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-45.32	-43.99	-0.26	-1.06	-13.00	-32.32
250.19	S	-39.67	-43.62	5.59	-1.64	-13.00	-26.67
374.35	S	-40.74	-44.63	5.84	-1.96	-13.00	-27.74
500.45	S	-43.42	-47.02	5.91	-2.30	-13.00	-30.42
749.74	S	-53.53	-56.27	5.43	-2.70	-13.00	-40.53
875.84	S	-58.05	-60.48	5.51	-3.08	-13.00	-45.05

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.

ARFCN	:CH 1013	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:824.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
85.29	S	-56.10	-55.68	0.65	-1.07	-13.00	-43.10
250.19	S	-42.61	-46.56	5.59	-1.64	-13.00	-29.61
374.35	S	-38.70	-42.59	5.84	-1.96	-13.00	-25.70
500.45	S	-48.08	-51.68	5.91	-2.30	-13.00	-35.08
749.74	S	-56.19	-58.92	5.43	-2.70	-13.00	-43.19
875.84	S	-55.37	-57.80	5.51	-3.08	-13.00	-42.37

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

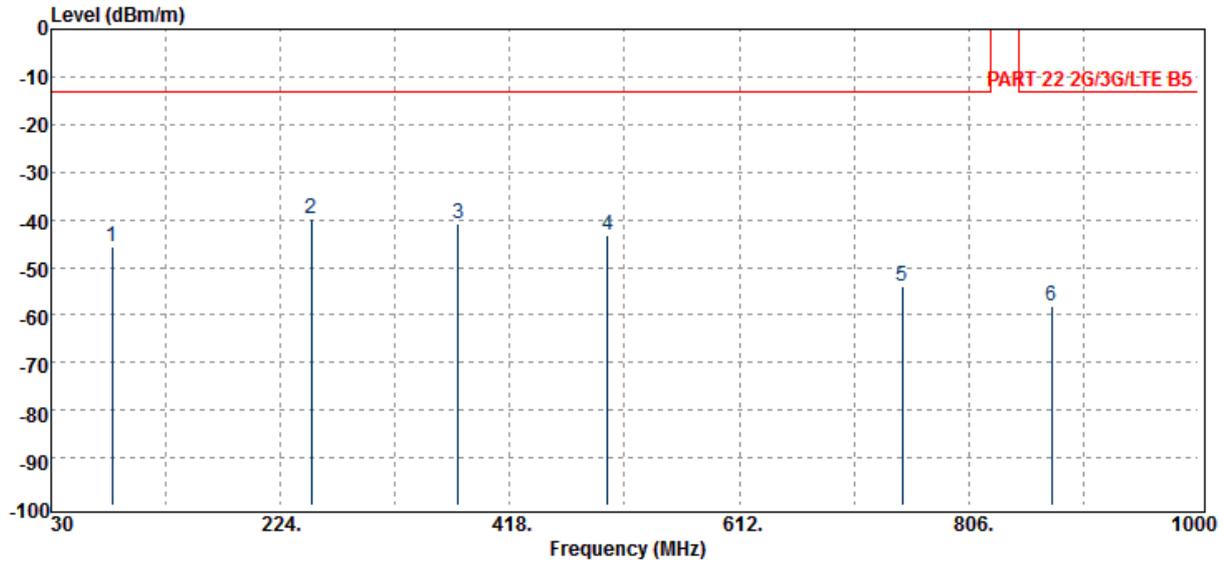
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 384	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:836.52 MHz	Engineer	:Tin
Operation Mode	:TX MID	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-45.68	-44.36	-0.26	-1.06	-13.00	-32.68
250.19	S	-39.71	-43.67	5.59	-1.64	-13.00	-26.71
374.35	S	-40.77	-44.65	5.84	-1.96	-13.00	-27.77
500.45	S	-43.41	-47.01	5.91	-2.30	-13.00	-30.41
749.74	S	-53.89	-56.63	5.43	-2.70	-13.00	-40.89
875.84	S	-58.19	-60.62	5.51	-3.08	-13.00	-45.19

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

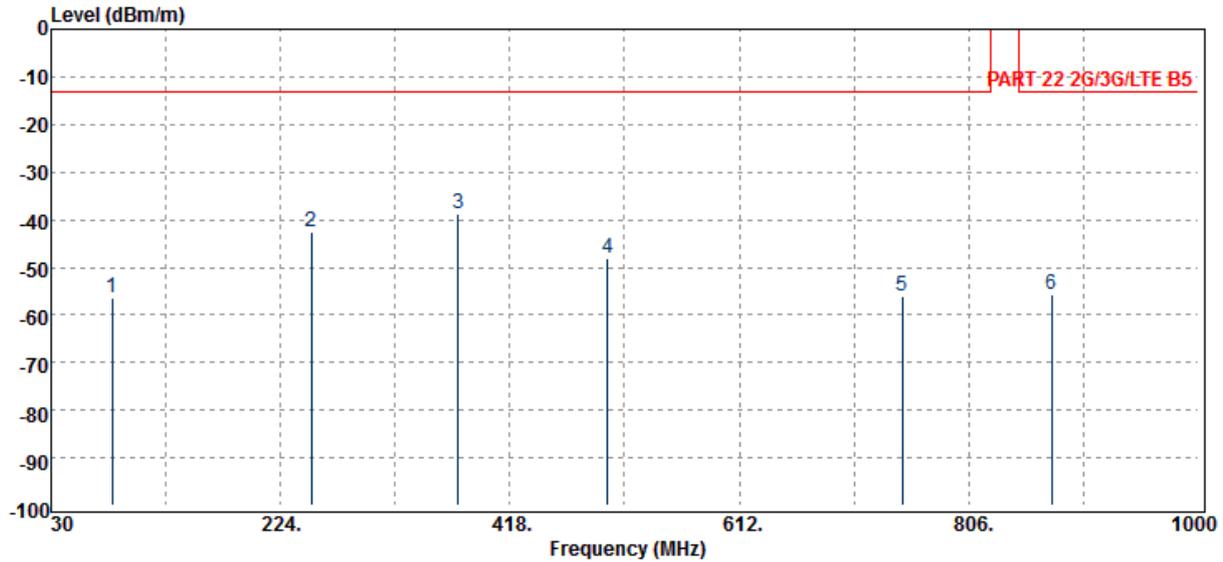
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 384	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:836.52 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



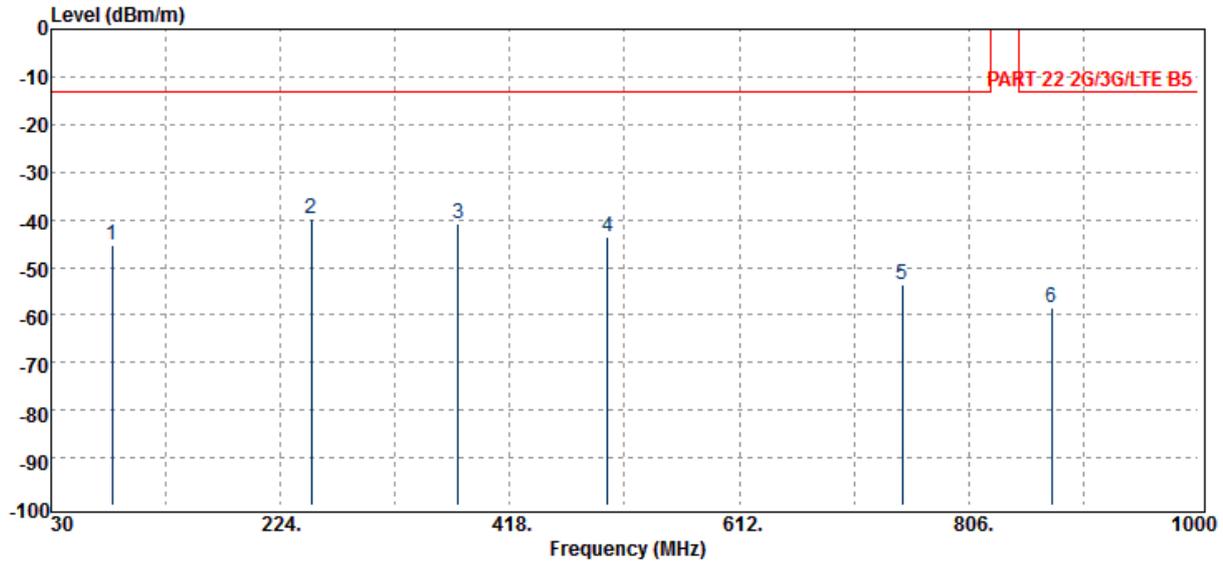
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-56.41	-55.09	-0.26	-1.06	-13.00	-43.41
250.19	S	-42.46	-46.42	5.59	-1.64	-13.00	-29.46
374.35	S	-38.67	-42.55	5.84	-1.96	-13.00	-25.67
500.45	S	-47.98	-51.58	5.91	-2.30	-13.00	-34.98
749.74	S	-56.12	-58.86	5.43	-2.70	-13.00	-43.12
875.84	S	-55.78	-58.21	5.51	-3.08	-13.00	-42.78

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.

ARFCN	:CH 777	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:848.31 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-45.37	-44.05	-0.26	-1.06	-13.00	-32.37
250.19	S	-39.71	-43.67	5.59	-1.64	-13.00	-26.71
374.35	S	-40.75	-44.63	5.84	-1.96	-13.00	-27.75
500.45	S	-43.58	-47.19	5.91	-2.30	-13.00	-30.58
749.74	S	-53.66	-56.40	5.43	-2.70	-13.00	-40.66
875.84	S	-58.54	-60.97	5.51	-3.08	-13.00	-45.54

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

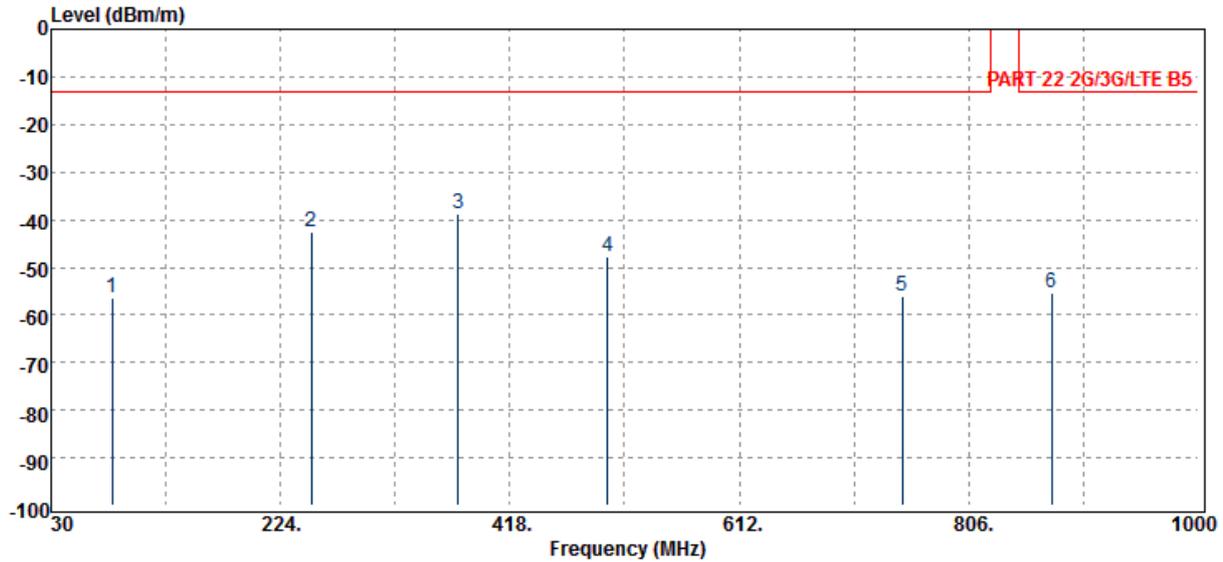
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 777	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:848.31 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-56.40	-55.08	-0.26	-1.06	-13.00	-43.40
250.19	S	-42.46	-46.41	5.59	-1.64	-13.00	-29.46
374.35	S	-38.70	-42.58	5.84	-1.96	-13.00	-25.70
500.45	S	-47.89	-51.50	5.91	-2.30	-13.00	-34.89
749.74	S	-55.95	-58.68	5.43	-2.70	-13.00	-42.95
875.84	S	-55.51	-57.94	5.51	-3.08	-13.00	-42.51

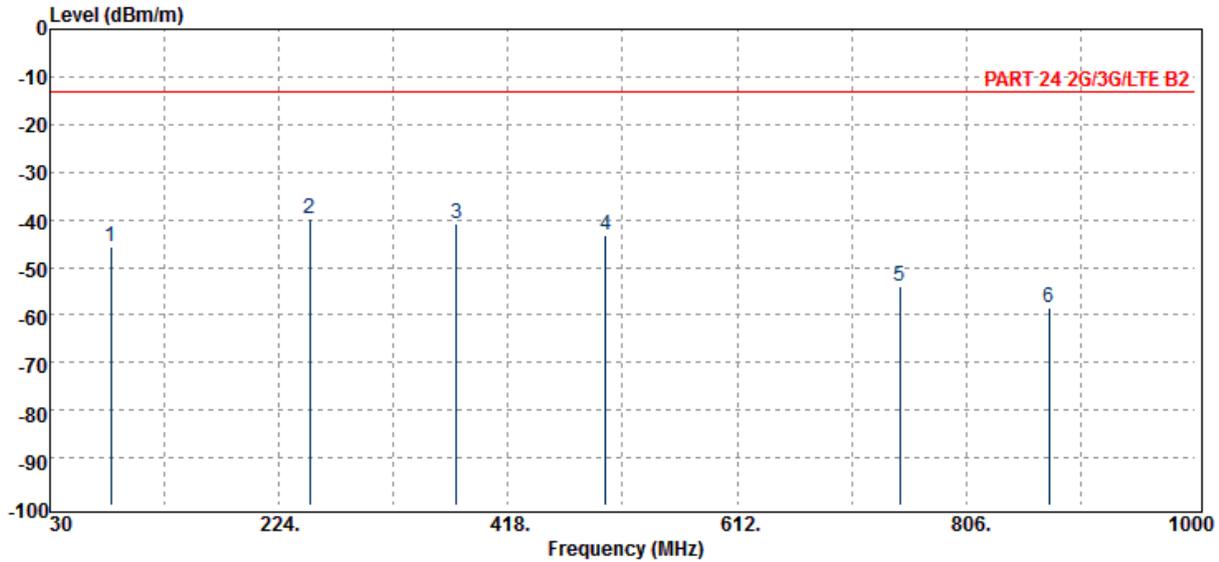
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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

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

Radiated Spurious Emission Measurement Result: CDMA BC1 Mode

ARFCN	:CH 25	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1851.25 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



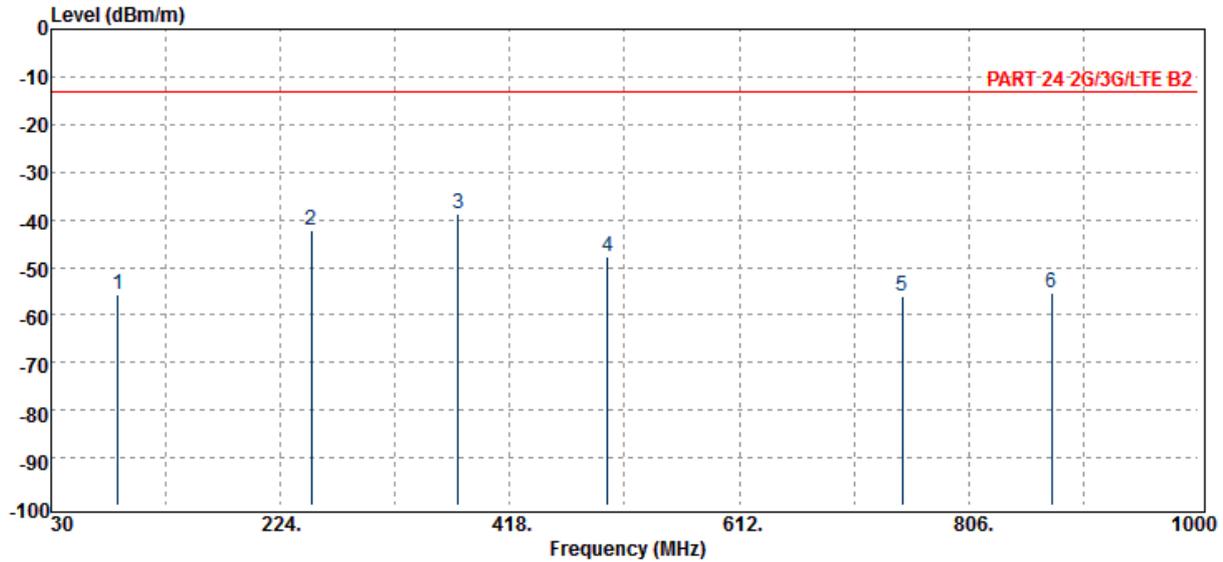
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-45.82	-44.50	-0.26	-1.06	-13.00	-32.82
250.19	S	-39.67	-43.63	5.59	-1.64	-13.00	-26.67
374.35	S	-40.76	-44.64	5.84	-1.96	-13.00	-27.76
500.45	S	-43.38	-46.99	5.91	-2.30	-13.00	-30.38
749.74	S	-53.84	-56.58	5.43	-2.70	-13.00	-40.84
875.84	S	-58.59	-61.02	5.51	-3.08	-13.00	-45.59

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.

ARFCN	:CH 25	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1851.25 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
86.26	S	-55.65	-55.45	0.88	-1.08	-13.00	-42.65
250.19	S	-42.22	-46.17	5.59	-1.64	-13.00	-29.22
374.35	S	-38.60	-42.49	5.84	-1.96	-13.00	-25.60
500.45	S	-47.81	-51.42	5.91	-2.30	-13.00	-34.81
749.74	S	-55.99	-58.73	5.43	-2.70	-13.00	-42.99
875.84	S	-55.23	-57.66	5.51	-3.08	-13.00	-42.23

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

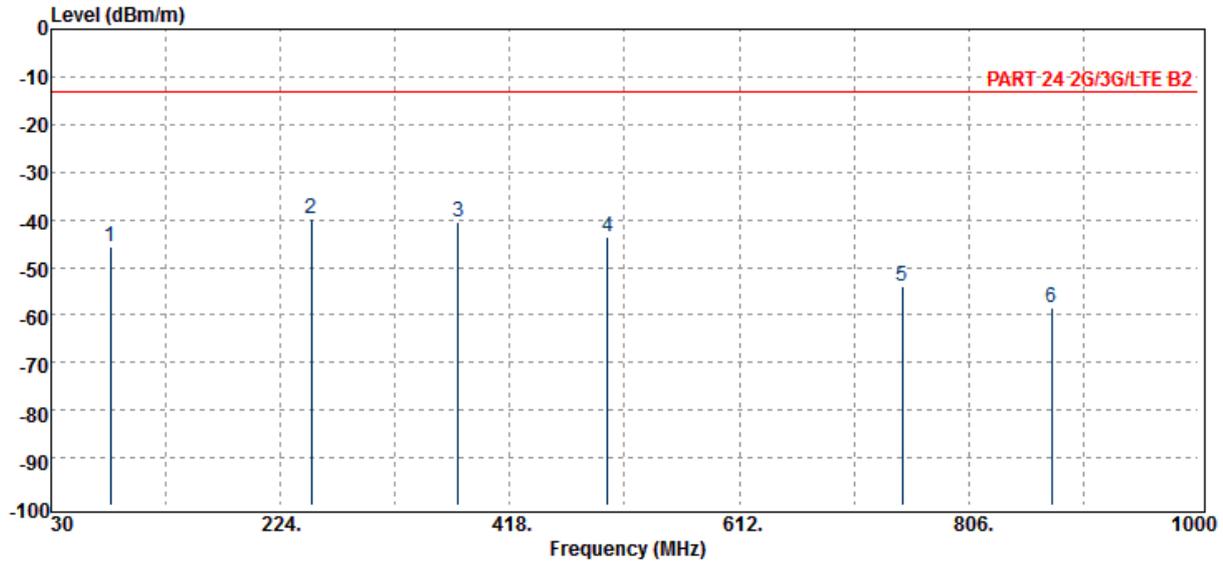
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 600	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1880 MHz	Engineer	:Tin
Operation Mode	:TX MID	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
80.44	S	-45.71	-44.16	-0.50	-1.05	-13.00	-32.71
250.19	S	-39.67	-43.62	5.59	-1.64	-13.00	-26.67
374.35	S	-40.60	-44.48	5.84	-1.96	-13.00	-27.60
500.45	S	-43.67	-47.27	5.91	-2.30	-13.00	-30.67
749.74	S	-53.81	-56.54	5.43	-2.70	-13.00	-40.81
875.84	S	-58.39	-60.83	5.51	-3.08	-13.00	-45.39

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

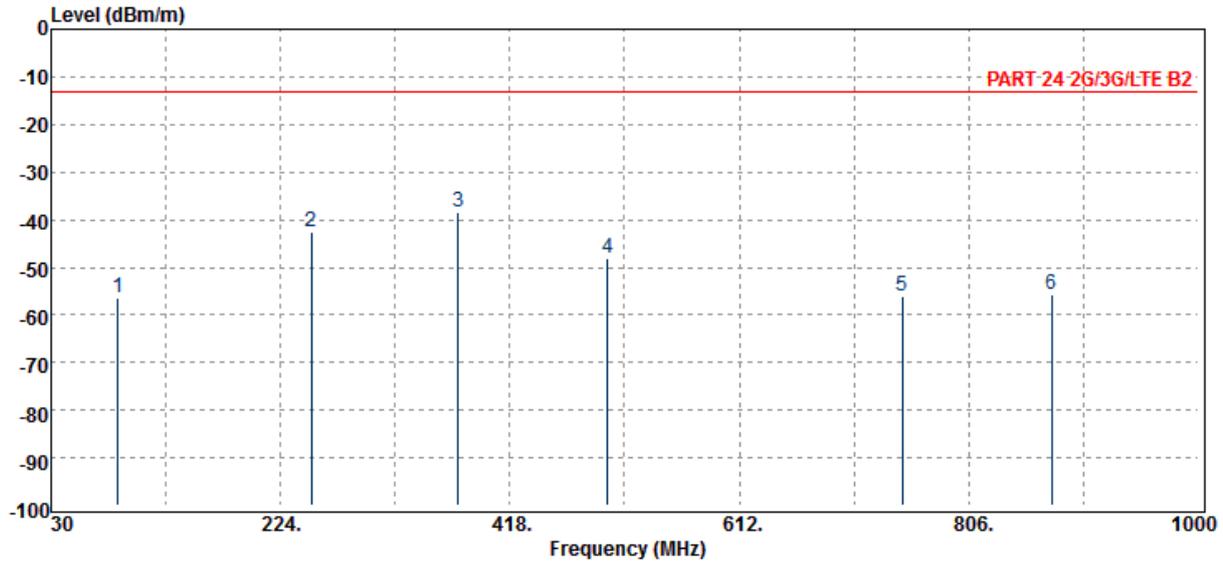
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 600	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1880 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
86.26	S	-56.30	-56.11	0.88	-1.08	-13.00	-43.30
250.19	S	-42.49	-46.44	5.59	-1.64	-13.00	-29.49
374.35	S	-38.45	-42.34	5.84	-1.96	-13.00	-25.45
500.45	S	-48.01	-51.61	5.91	-2.30	-13.00	-35.01
749.74	S	-56.09	-58.83	5.43	-2.70	-13.00	-43.09
875.84	S	-55.68	-58.11	5.51	-3.08	-13.00	-42.68

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

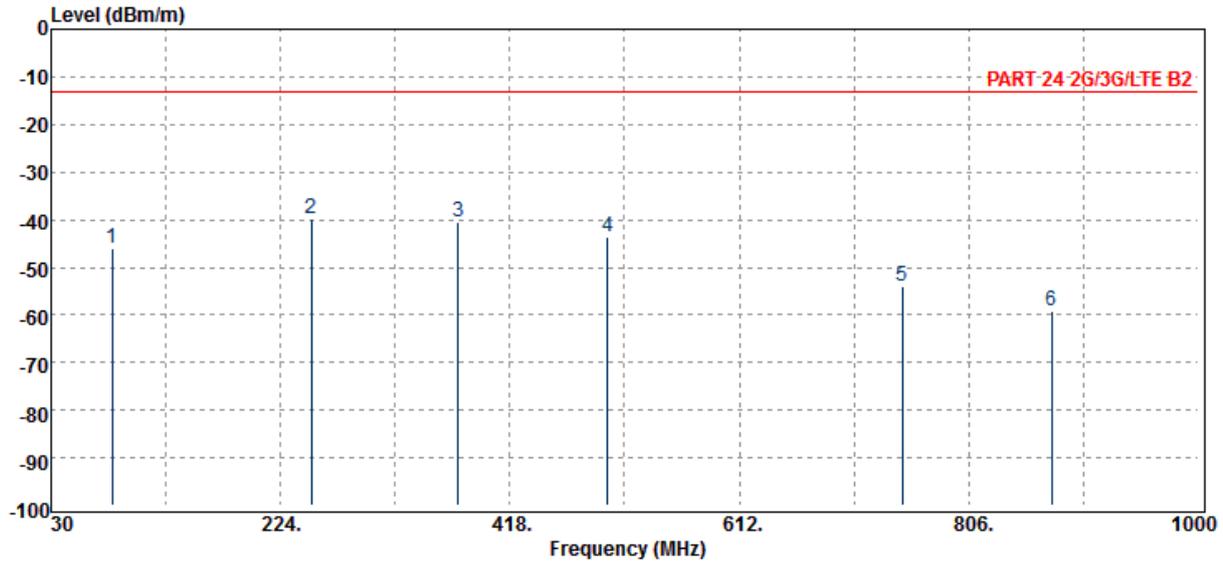
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 1175	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1908.75 MHz	Engineer	:Tin
Operation Mode	:TX HIGH	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-46.01	-44.69	-0.26	-1.06	-13.00	-33.01
250.19	S	-39.68	-43.64	5.59	-1.64	-13.00	-26.68
374.35	S	-40.47	-44.35	5.84	-1.96	-13.00	-27.47
500.45	S	-43.55	-47.15	5.91	-2.30	-13.00	-30.55
749.74	S	-54.07	-56.81	5.43	-2.70	-13.00	-41.07
875.84	S	-59.24	-61.68	5.51	-3.08	-13.00	-46.24

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

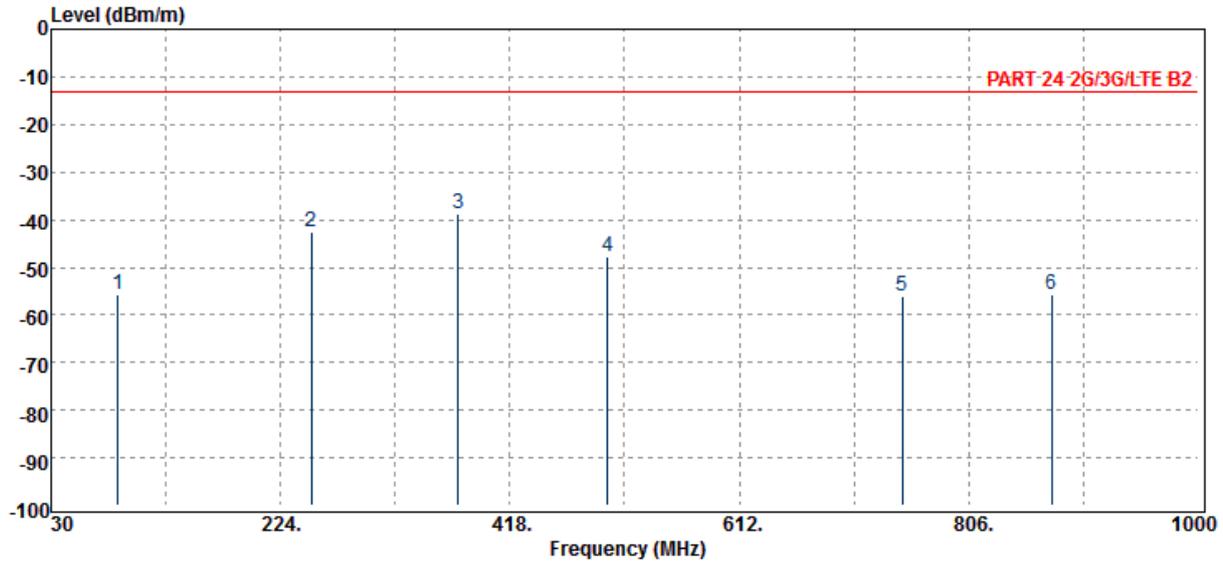
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 1175	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1908.75 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
86.26	S	-55.54	-55.34	0.88	-1.08	-13.00	-42.54
250.19	S	-42.56	-46.52	5.59	-1.64	-13.00	-29.56
374.35	S	-38.74	-42.62	5.84	-1.96	-13.00	-25.74
500.45	S	-47.68	-51.28	5.91	-2.30	-13.00	-34.68
749.74	S	-55.96	-58.70	5.43	-2.70	-13.00	-42.96
875.84	S	-55.61	-58.04	5.51	-3.08	-13.00	-42.61

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

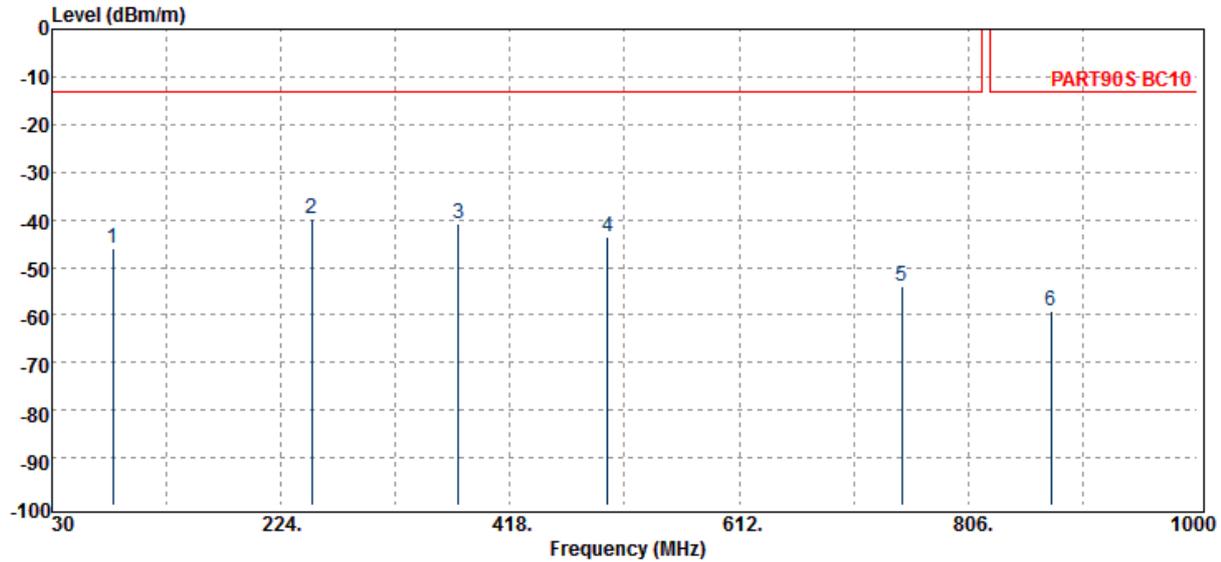
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: CDMA BC10 Mode

ARFCN	:CH 476	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:817.9 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-45.99	-44.67	-0.26	-1.06	-13.00	-32.99
250.19	S	-39.66	-43.61	5.59	-1.64	-13.00	-26.66
374.35	S	-40.67	-44.55	5.84	-1.96	-13.00	-27.67
500.45	S	-43.54	-47.15	5.91	-2.30	-13.00	-30.54
749.74	S	-53.95	-56.69	5.43	-2.70	-13.00	-40.95
875.84	S	-59.20	-61.63	5.51	-3.08	-13.00	-46.20

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

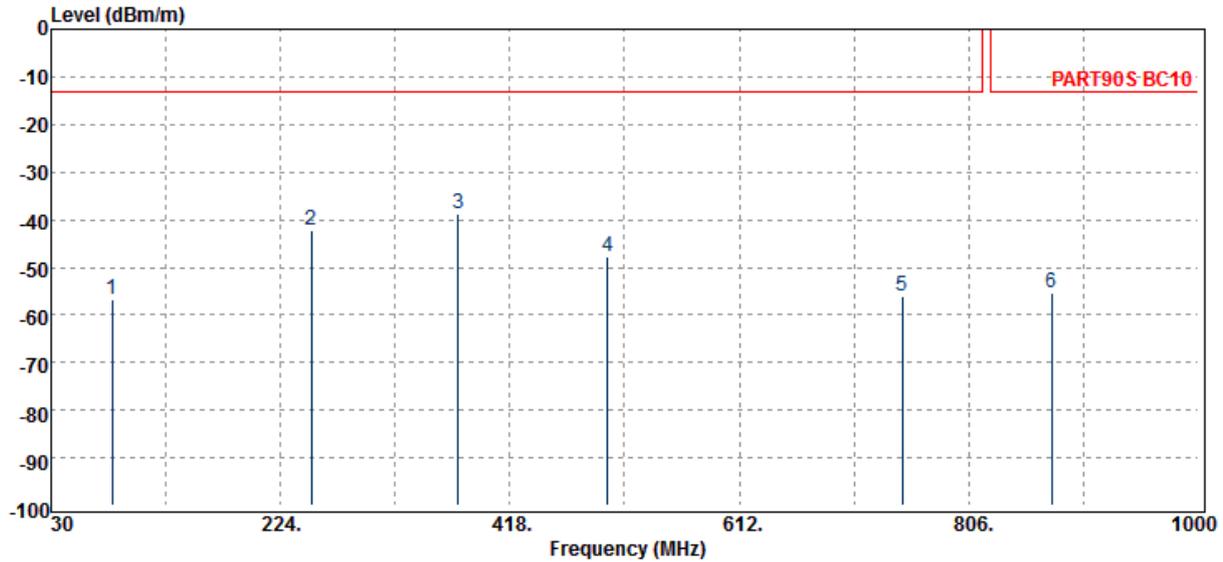
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 476	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:817.9 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-56.83	-55.51	-0.26	-1.06	-13.00	-43.83
250.19	S	-42.24	-46.19	5.59	-1.64	-13.00	-29.24
374.35	S	-38.81	-42.69	5.84	-1.96	-13.00	-25.81
500.45	S	-47.78	-51.39	5.91	-2.30	-13.00	-34.78
749.74	S	-56.10	-58.83	5.43	-2.70	-13.00	-43.10
875.84	S	-55.51	-57.94	5.51	-3.08	-13.00	-42.51

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

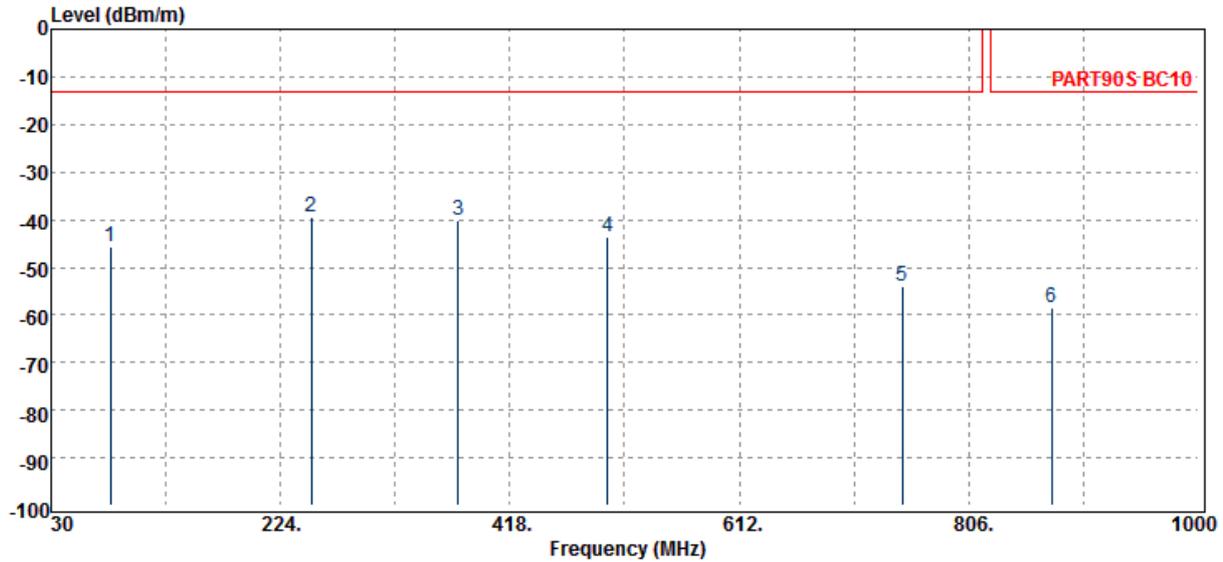
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 580	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:820.5 MHz	Engineer	:Tin
Operation Mode	:TX MID	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



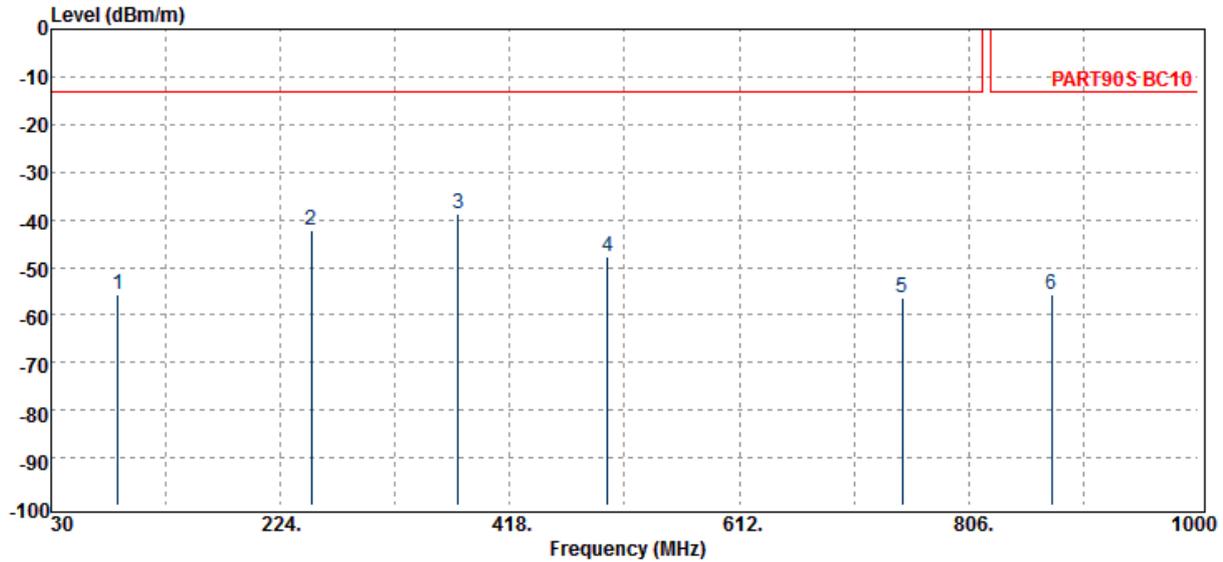
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
80.44	S	-45.82	-44.27	-0.50	-1.05	-13.00	-32.82
250.19	S	-39.52	-43.48	5.59	-1.64	-13.00	-26.52
374.35	S	-40.31	-44.19	5.84	-1.96	-13.00	-27.31
500.45	S	-43.63	-47.23	5.91	-2.30	-13.00	-30.63
749.74	S	-53.95	-56.68	5.43	-2.70	-13.00	-40.95
875.84	S	-58.60	-61.03	5.51	-3.08	-13.00	-45.60

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

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

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

ARFCN	:CH 580	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:820.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
86.26	S	-55.79	-55.59	0.88	-1.08	-13.00	-42.79
250.19	S	-42.34	-46.29	5.59	-1.64	-13.00	-29.34
374.35	S	-38.69	-42.57	5.84	-1.96	-13.00	-25.69
500.45	S	-47.64	-51.25	5.91	-2.30	-13.00	-34.64
749.74	S	-56.47	-59.21	5.43	-2.70	-13.00	-43.47
875.84	S	-55.73	-58.17	5.51	-3.08	-13.00	-42.73

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

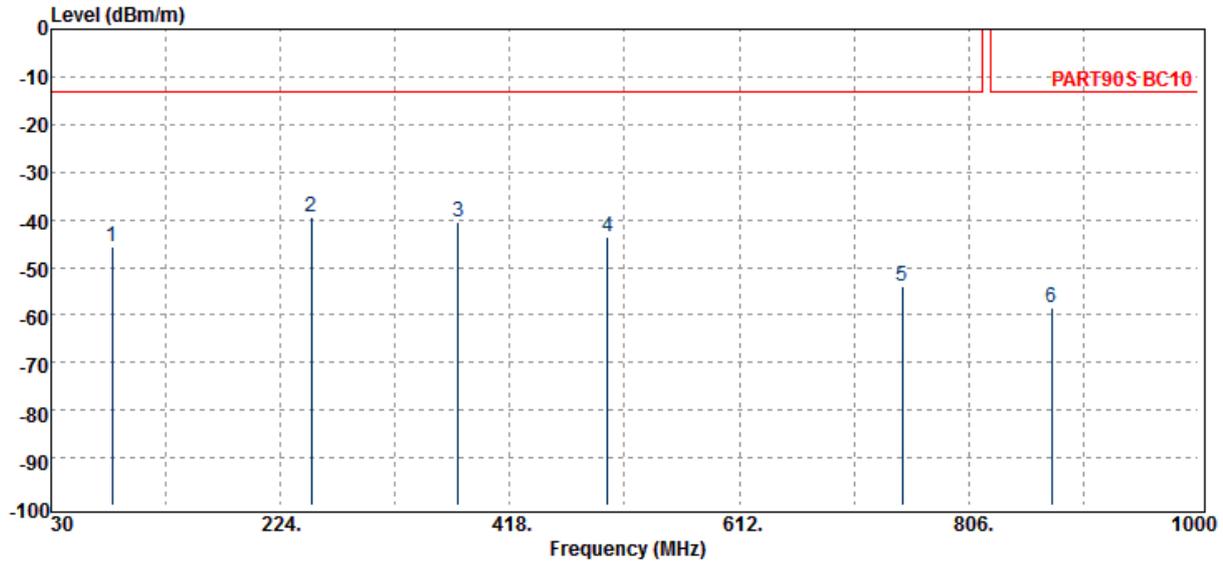
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 684	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:823.1 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



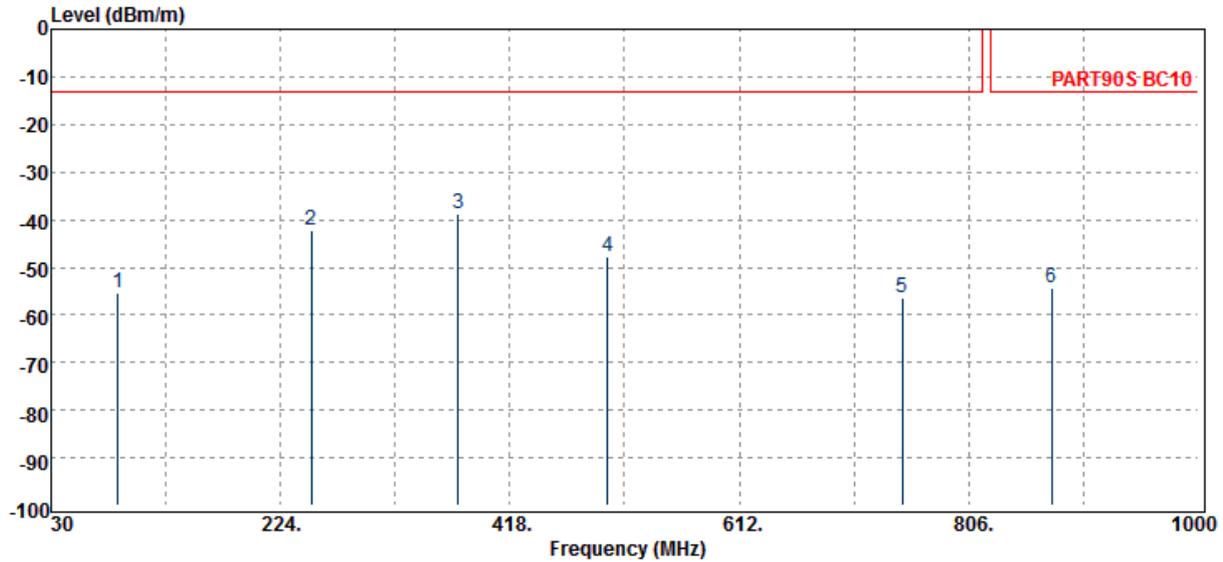
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-45.80	-44.48	-0.26	-1.06	-13.00	-32.80
250.19	S	-39.59	-43.55	5.59	-1.64	-13.00	-26.59
374.35	S	-40.39	-44.27	5.84	-1.96	-13.00	-27.39
500.45	S	-43.65	-47.25	5.91	-2.30	-13.00	-30.65
749.74	S	-54.09	-56.83	5.43	-2.70	-13.00	-41.09
875.84	S	-58.58	-61.01	5.51	-3.08	-13.00	-45.58

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.

ARFCN	:CH 684	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:823.1 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
86.26	S	-55.24	-55.04	0.88	-1.08	-13.00	-42.24
250.19	S	-42.38	-46.34	5.59	-1.64	-13.00	-29.38
374.35	S	-38.68	-42.56	5.84	-1.96	-13.00	-25.68
500.45	S	-47.85	-51.46	5.91	-2.30	-13.00	-34.85
749.74	S	-56.23	-58.97	5.43	-2.70	-13.00	-43.23
875.84	S	-54.40	-56.83	5.51	-3.08	-13.00	-41.40

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

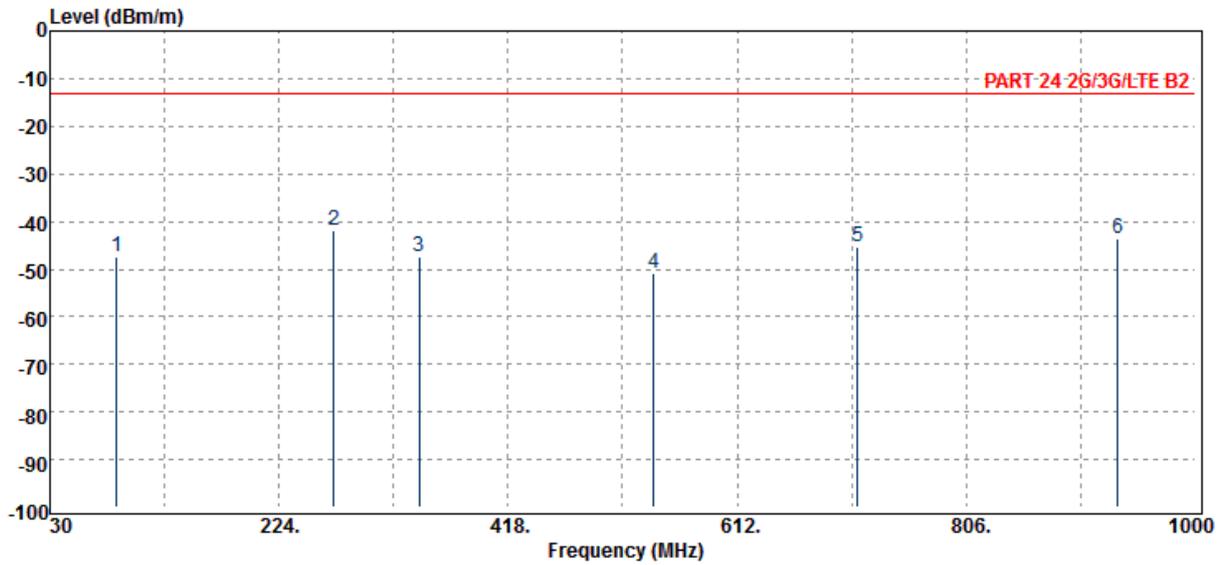
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: 1.4MHz BW LTE-Band 2(The Worst Case)

ARFCN	:CH 18607 QPSK BW 1.4	Test Date	:2015-08-28
	RB 1 5		
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1850.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
86.26	S	-47.39	-7.00	0.88	-1.08	-13.00	-34.39
270.56	S	-41.88	-6.20	5.74	-1.69	-13.00	-28.88
342.34	S	-47.35	-6.04	5.89	-1.94	-13.00	-34.35
541.19	S	-51.02	-2.11	5.77	-2.53	-13.00	-38.02
713.85	S	-45.23	0.80	5.50	-2.61	-13.00	-32.23
934.04	S	-43.48	5.84	5.39	-3.18	-13.00	-30.48

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

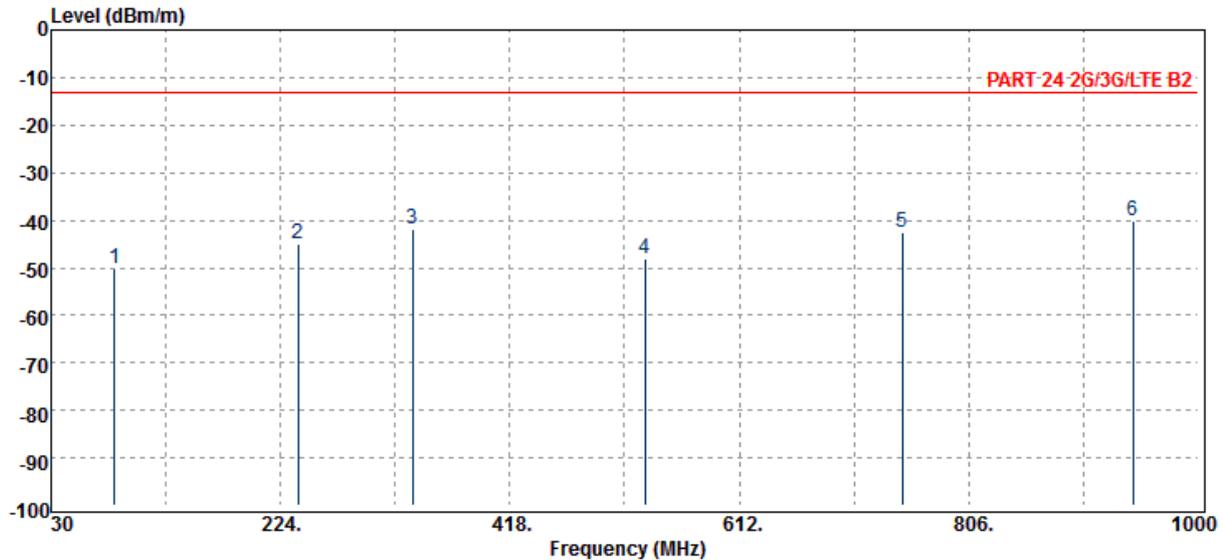
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 18607 QPSK BW 1.4 RB 1 5	Test Date	:2015-08-28
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1850.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
83.35	S	-50.14	-7.74	0.20	-1.06	-13.00	-37.14
238.55	S	-45.08	-10.68	5.44	-1.60	-13.00	-32.08
335.55	S	-41.76	-6.75	5.87	-1.92	-13.00	-28.76
532.46	S	-48.10	-4.69	5.80	-2.48	-13.00	-35.10
749.74	S	-42.39	0.05	5.43	-2.70	-13.00	-29.39
944.71	S	-40.18	3.70	5.39	-3.20	-13.00	-27.18

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

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

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

SGS Taiwan Ltd.

No. 134, WuKung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803 / 新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

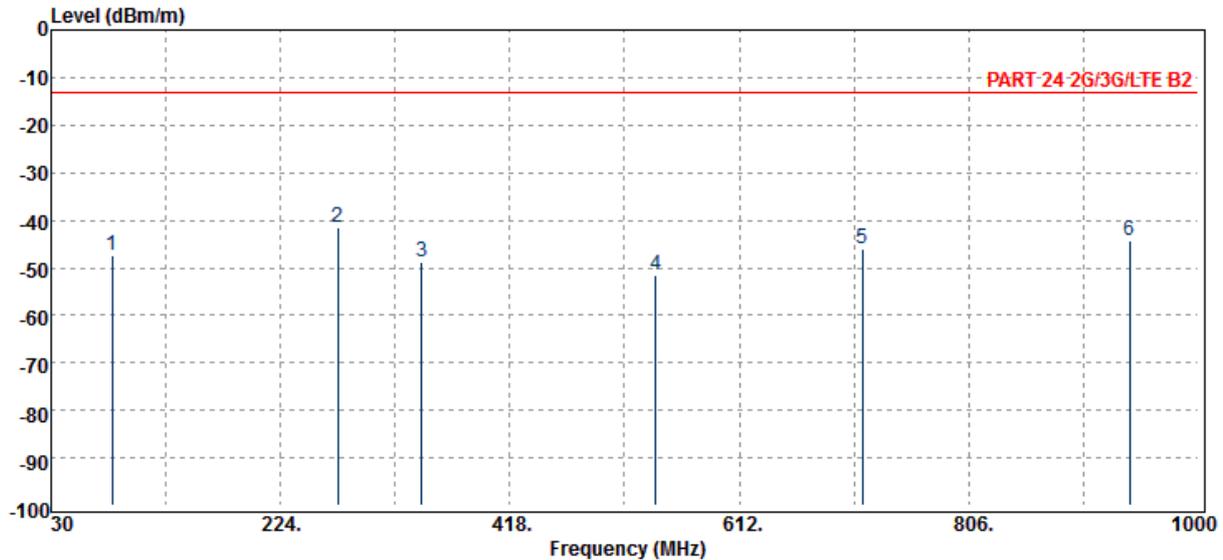
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 18900 QPSK BW 1.4 RB 1 5	Test Date	:2015-08-28
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1880 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-47.29	-6.34	-0.26	-1.06	-13.00	-34.29
272.50	S	-41.65	-6.05	5.69	-1.70	-13.00	-28.65
343.31	S	-48.88	-6.06	5.89	-1.94	-13.00	-35.88
541.19	S	-51.40	-2.11	5.77	-2.53	-13.00	-38.40
715.79	S	-46.09	0.80	5.50	-2.61	-13.00	-33.09
941.80	S	-44.42	5.49	5.39	-3.19	-13.00	-31.42

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.

SGS Taiwan Ltd.

No. 134, WuKung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803 / 新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

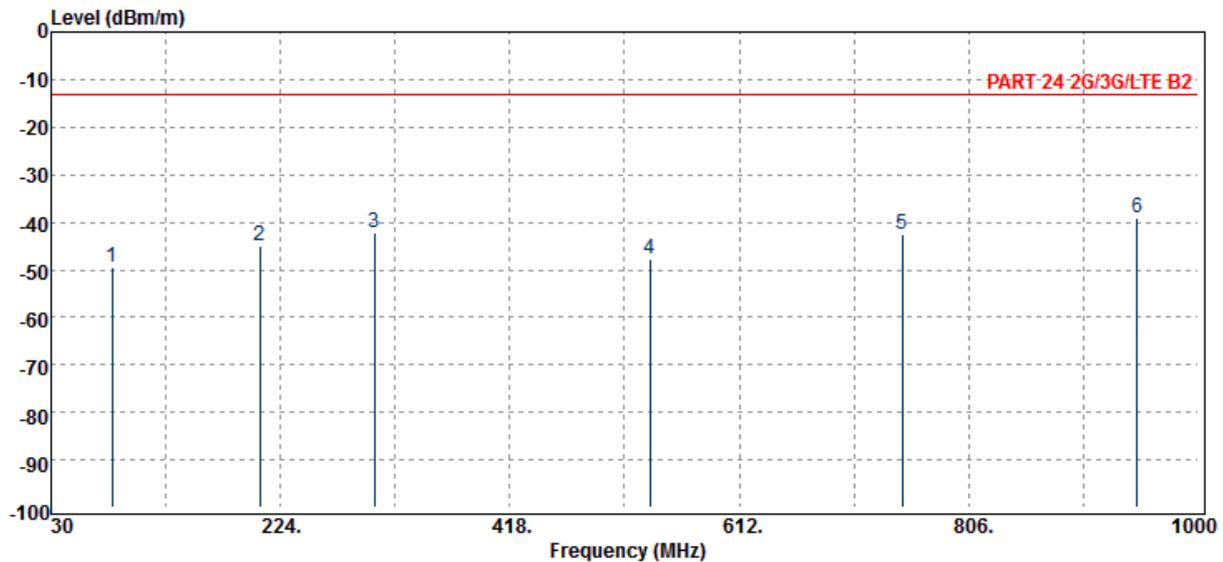
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 18900 QPSK BW 1.4 RB 1 5	Test Date	:2015-08-28
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1880 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-49.46	-6.96	-0.26	-1.06	-13.00	-36.46
206.54	S	-45.08	-11.89	5.70	-1.54	-13.00	-32.08
303.54	S	-42.12	-9.01	5.78	-1.80	-13.00	-29.12
536.34	S	-47.67	-4.60	5.78	-2.50	-13.00	-34.67
749.74	S	-42.64	0.05	5.43	-2.70	-13.00	-29.64
948.59	S	-39.19	3.74	5.39	-3.20	-13.00	-26.19

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

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

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

SGS Taiwan Ltd.

No. 134, WuKung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803 / 新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

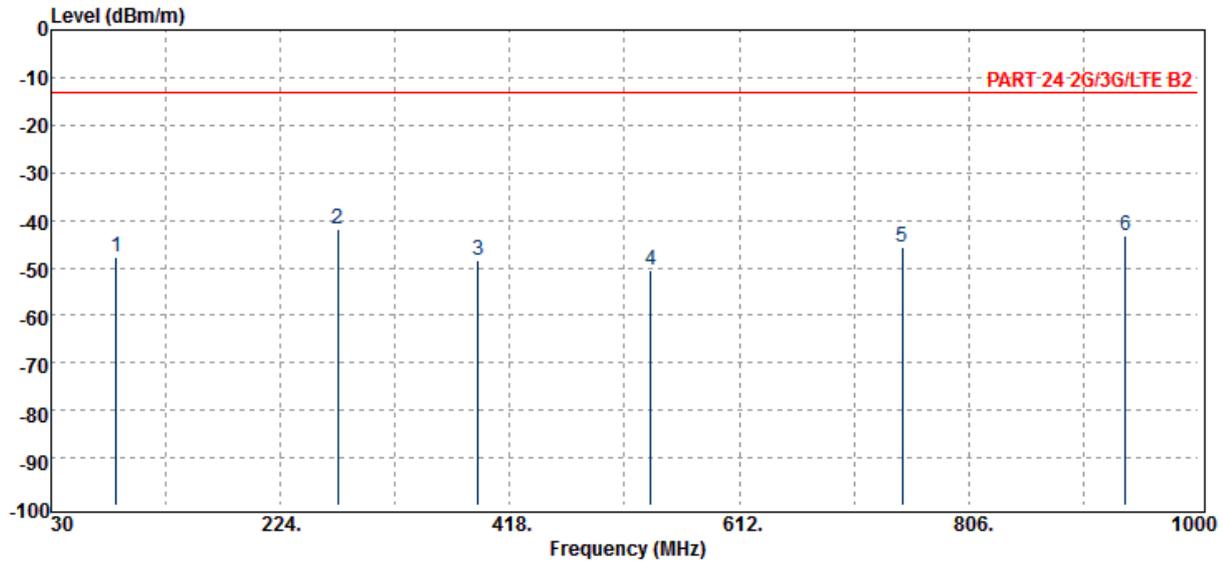
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 19193 QPSK BW 1.4 RB 1 5	Test Date	:2015-08-28
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1909.3 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

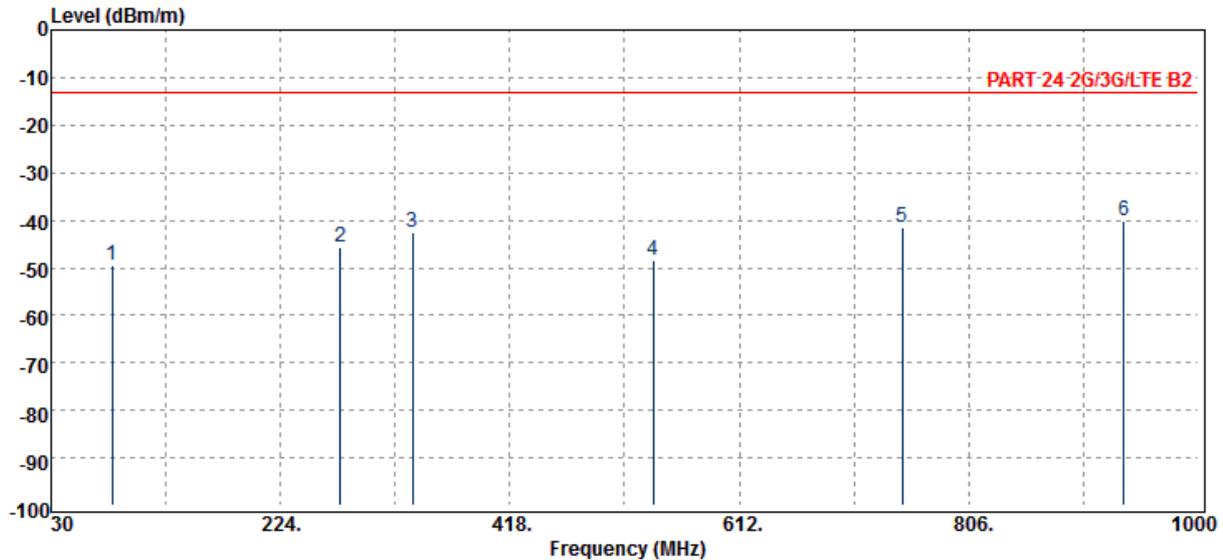


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
85.29	S	-47.75	-7.02	0.65	-1.07	-13.00	-34.75
272.50	S	-42.03	-6.05	5.69	-1.70	-13.00	-29.03
390.84	S	-48.45	-5.81	5.80	-1.95	-13.00	-35.45
537.31	S	-50.66	-2.14	5.78	-2.51	-13.00	-37.66
749.74	S	-45.80	1.57	5.43	-2.70	-13.00	-32.80
938.89	S	-43.40	5.56	5.39	-3.19	-13.00	-30.40

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

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

ARFCN	:CH 19193 QPSK BW 1.4 RB 1 5	Test Date	:2015-08-28
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1909.3 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-49.55	-6.96	-0.26	-1.06	-13.00	-36.55
274.44	S	-45.64	-9.73	5.63	-1.70	-13.00	-32.64
335.55	S	-42.51	-6.75	5.87	-1.92	-13.00	-29.51
539.25	S	-48.36	-4.81	5.77	-2.52	-13.00	-35.36
749.74	S	-41.45	0.05	5.43	-2.70	-13.00	-28.45
936.95	S	-40.04	3.53	5.39	-3.18	-13.00	-27.04

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.

SGS Taiwan Ltd.

No. 134, WuKung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803 / 新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

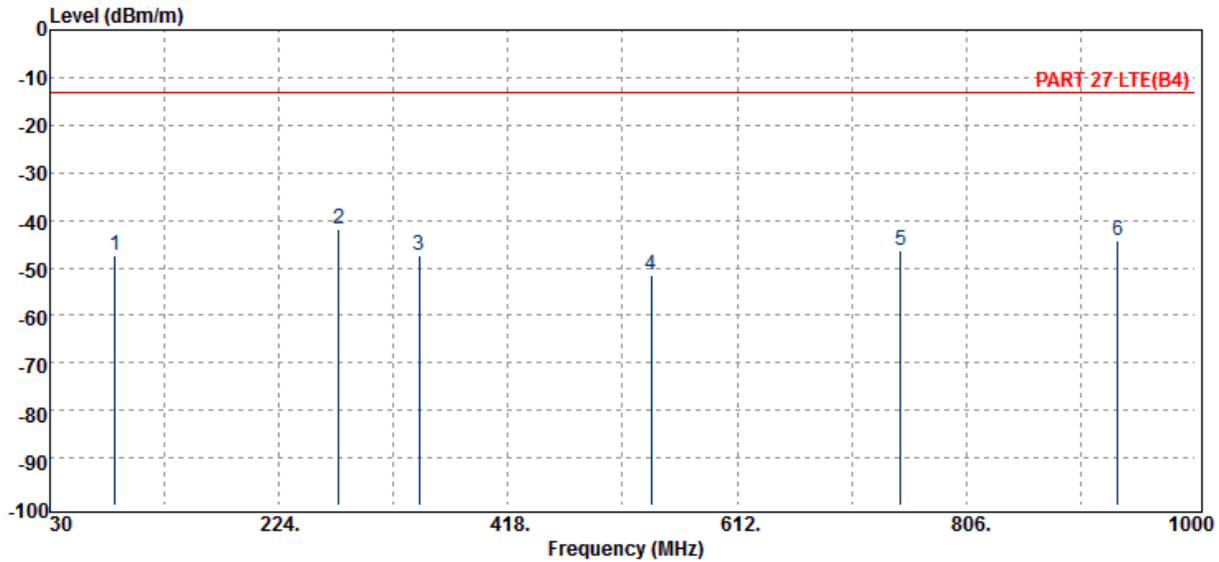
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: 5MHz BW LTE-Band 4 (The Worst Case)

ARFCN	:CH 19975 16QAM BW 5	Test Date	:2015-08-28
	RB 1 0		
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1712.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

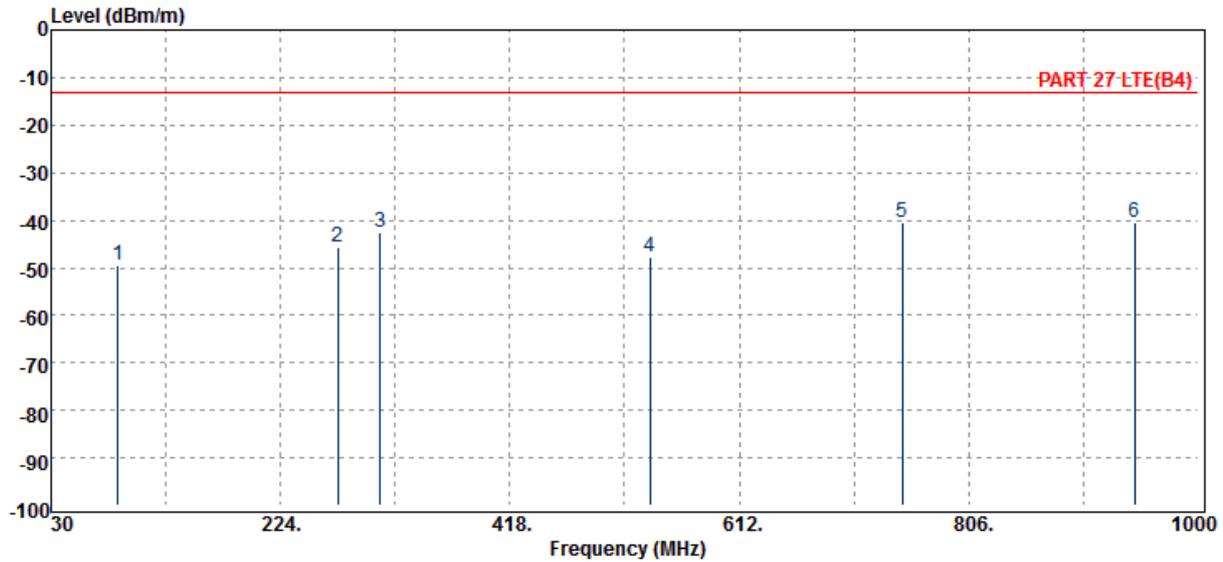


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
85.29	S	-47.33	-7.02	0.65	-1.07	-13.00	-34.33
274.44	S	-41.75	-5.94	5.63	-1.70	-13.00	-28.75
342.34	S	-47.25	-6.04	5.89	-1.94	-13.00	-34.25
539.25	S	-51.57	-2.14	5.77	-2.52	-13.00	-38.57
750.71	S	-46.49	1.59	5.43	-2.70	-13.00	-33.49
934.04	S	-44.32	5.84	5.39	-3.18	-13.00	-31.32

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

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

ARFCN	:CH 19975 16QAM BW 5 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1712.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
86.26	S	-49.32	-8.22	0.88	-1.08	-13.00	-36.32
272.50	S	-45.70	-9.90	5.69	-1.70	-13.00	-32.70
308.39	S	-42.58	-8.71	5.80	-1.82	-13.00	-29.58
536.34	S	-47.91	-4.60	5.78	-2.50	-13.00	-34.91
749.74	S	-40.45	0.05	5.43	-2.70	-13.00	-27.45
946.65	S	-40.51	3.66	5.39	-3.20	-13.00	-27.51

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

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

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

SGS Taiwan Ltd.

No. 134, WuKung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803 / 新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

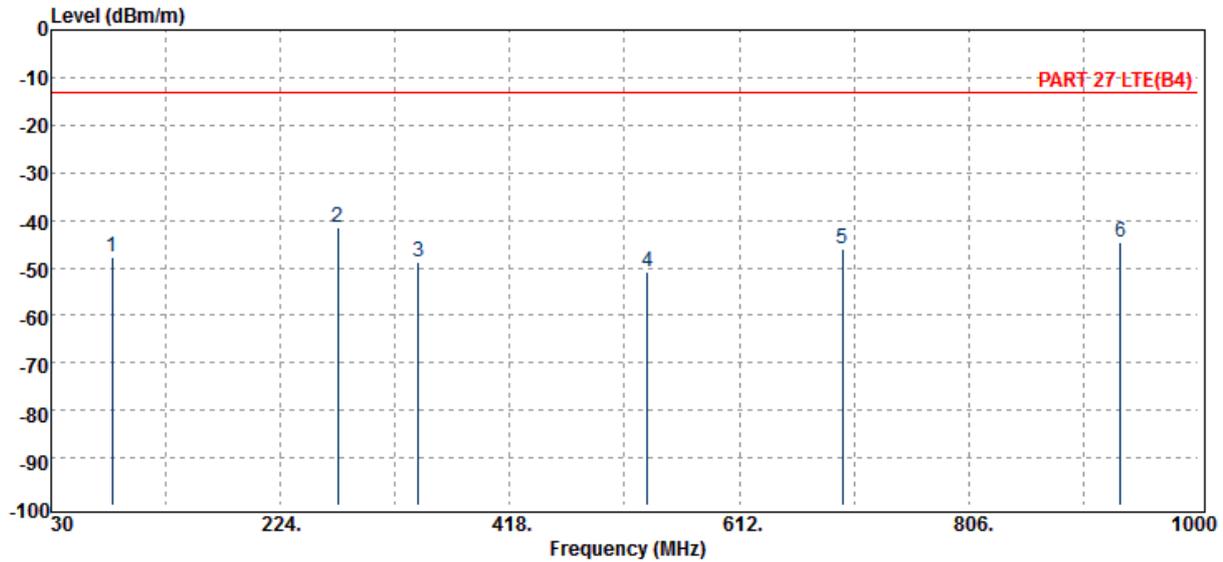
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20175 16QAM BW 5 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1732.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-47.72	-6.34	-0.26	-1.06	-13.00	-34.72
272.50	S	-41.52	-6.05	5.69	-1.70	-13.00	-28.52
340.40	S	-48.70	-6.18	5.89	-1.93	-13.00	-35.70
534.40	S	-50.82	-2.13	5.79	-2.49	-13.00	-37.82
699.30	S	-46.17	1.09	5.54	-2.61	-13.00	-33.17
934.04	S	-44.47	5.84	5.39	-3.18	-13.00	-31.47

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

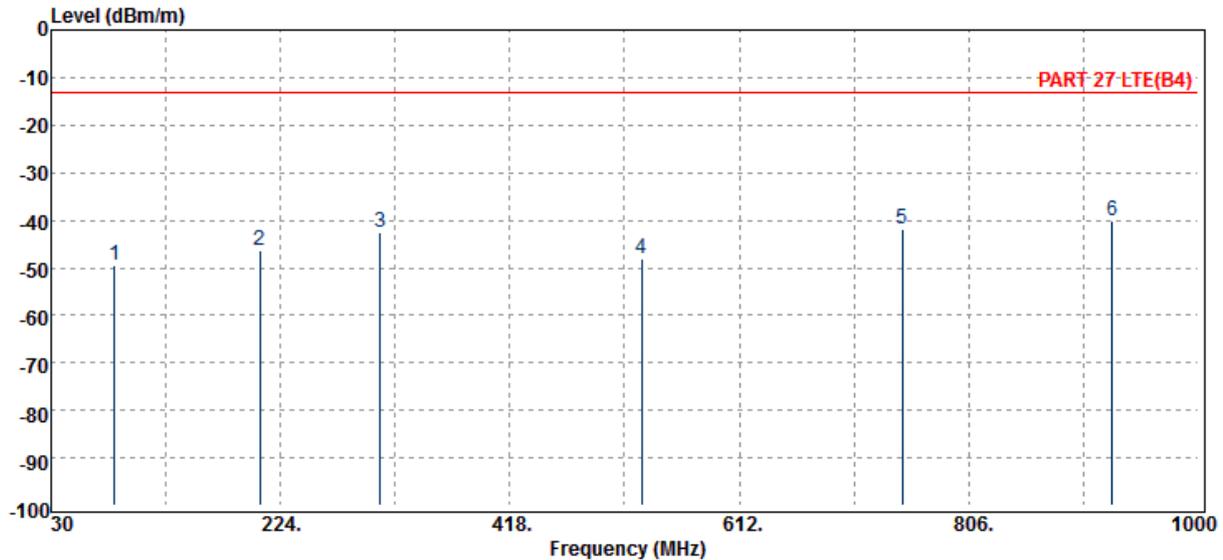
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20175 16QAM BW 5 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1732.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
83.35	S	-49.40	-7.74	0.20	-1.06	-13.00	-36.40
206.54	S	-46.37	-11.89	5.70	-1.54	-13.00	-33.37
308.39	S	-42.60	-8.71	5.80	-1.82	-13.00	-29.60
529.55	S	-48.19	-4.64	5.81	-2.47	-13.00	-35.19
749.74	S	-41.92	0.05	5.43	-2.70	-13.00	-28.92
927.25	S	-40.24	3.71	5.40	-3.17	-13.00	-27.24

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.

SGS Taiwan Ltd.

No. 134, WuKung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803 / 新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

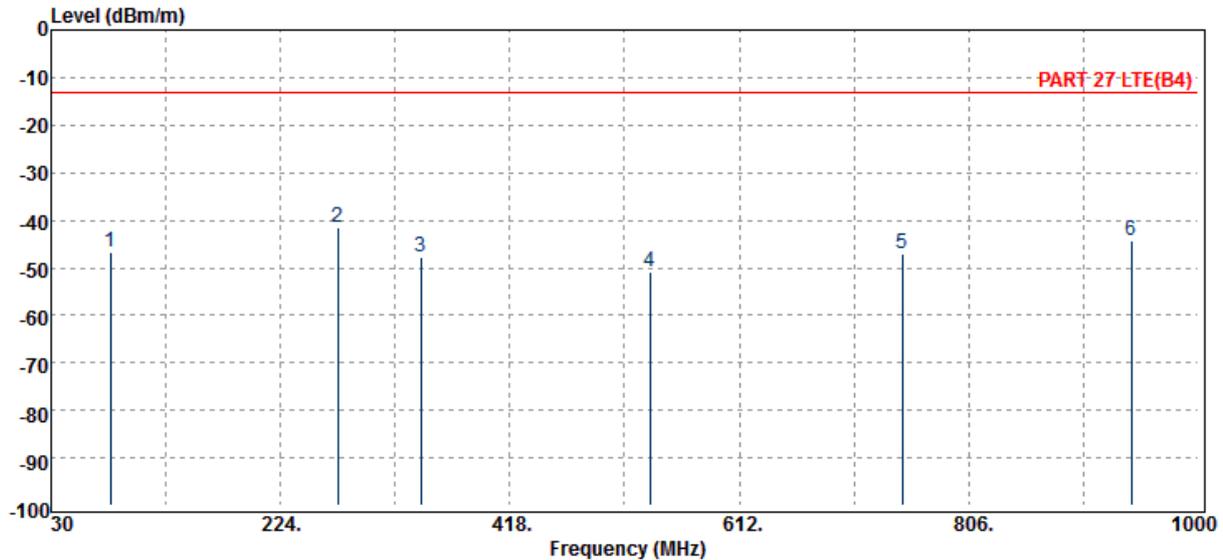
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20375 16QAM BW 5 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1752.5 MHz	Engineer	:Tin
Operation Mode	:TX HIGH	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
80.44	S	-46.84	-6.04	-0.50	-1.05	-13.00	-33.84
272.50	S	-41.43	-6.05	5.69	-1.70	-13.00	-28.43
342.34	S	-47.76	-6.04	5.89	-1.94	-13.00	-34.76
536.34	S	-50.90	-2.12	5.78	-2.50	-13.00	-37.90
749.74	S	-47.21	1.57	5.43	-2.70	-13.00	-34.21
943.74	S	-44.28	5.57	5.39	-3.19	-13.00	-31.28

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

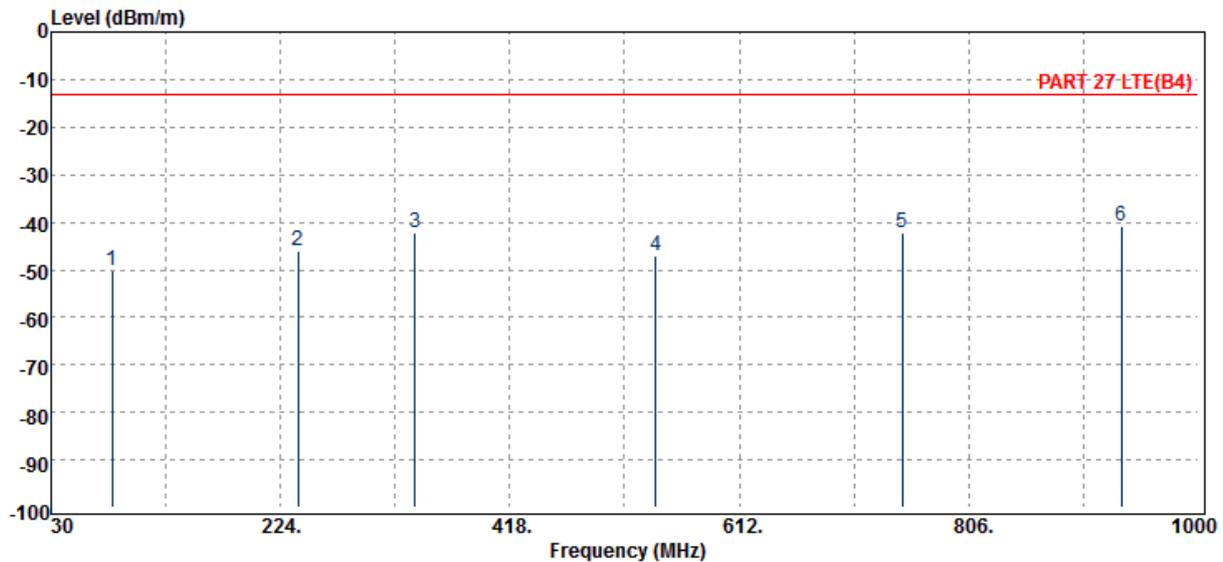
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20375 16QAM BW 5 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1752.5 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-50.30	-6.96	-0.26	-1.06	-13.00	-37.30
238.55	S	-46.12	-10.68	5.44	-1.60	-13.00	-33.12
337.49	S	-42.16	-6.68	5.88	-1.92	-13.00	-29.16
541.19	S	-47.21	-4.86	5.77	-2.53	-13.00	-34.21
749.74	S	-42.09	0.05	5.43	-2.70	-13.00	-29.09
935.01	S	-40.69	3.65	5.39	-3.18	-13.00	-27.69

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

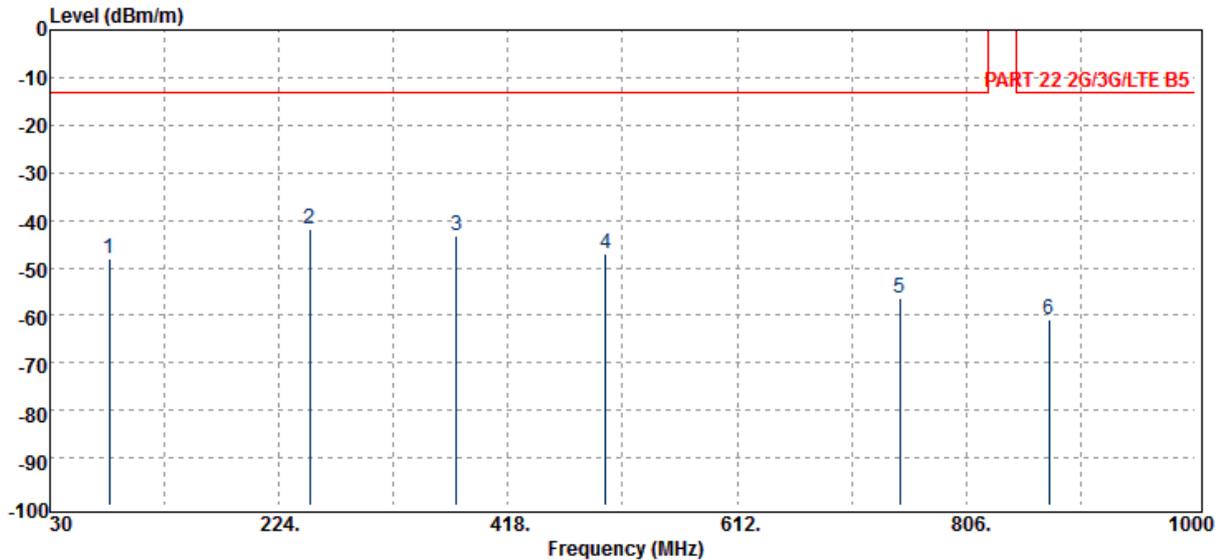
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: 3MHz BW LTE-Band 5 (The Worst Case)

ARFCN	:CH 20415 16QAM BW 3	Test Date	:2015-08-28
	RB 1 0		
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:825.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
80.44	S	-48.09	-44.39	-2.65	-1.05	-13.00	-35.09
250.19	S	-41.74	-43.55	3.44	-1.64	-13.00	-28.74
374.35	S	-43.34	-45.08	3.69	-1.96	-13.00	-30.34
500.45	S	-47.18	-48.64	3.76	-2.30	-13.00	-34.18
749.74	S	-56.53	-57.11	3.28	-2.70	-13.00	-43.53
875.84	S	-60.76	-61.04	3.36	-3.08	-13.00	-47.76

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

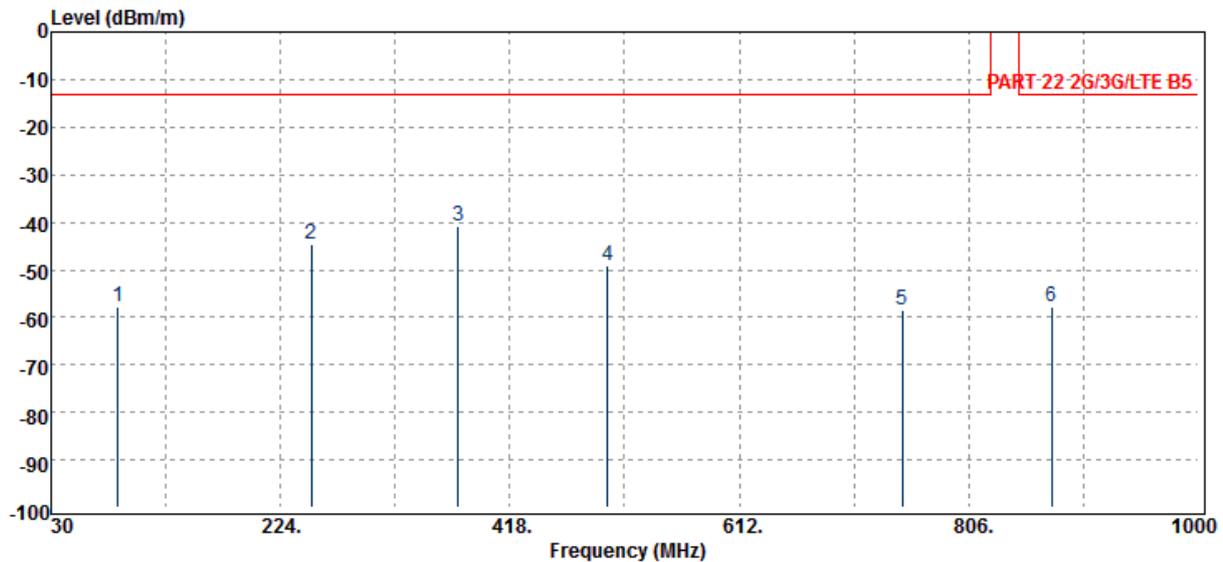
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20415 16QAM BW 3 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:825.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
86.26	S	-57.81	-55.46	-1.27	-1.08	-13.00	-44.81
250.19	S	-44.71	-46.51	3.44	-1.64	-13.00	-31.71
374.35	S	-40.71	-42.44	3.69	-1.96	-13.00	-27.71
500.45	S	-48.99	-50.44	3.76	-2.30	-13.00	-35.99
749.74	S	-58.62	-59.21	3.28	-2.70	-13.00	-45.62
875.84	S	-57.62	-57.90	3.36	-3.08	-13.00	-44.62

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

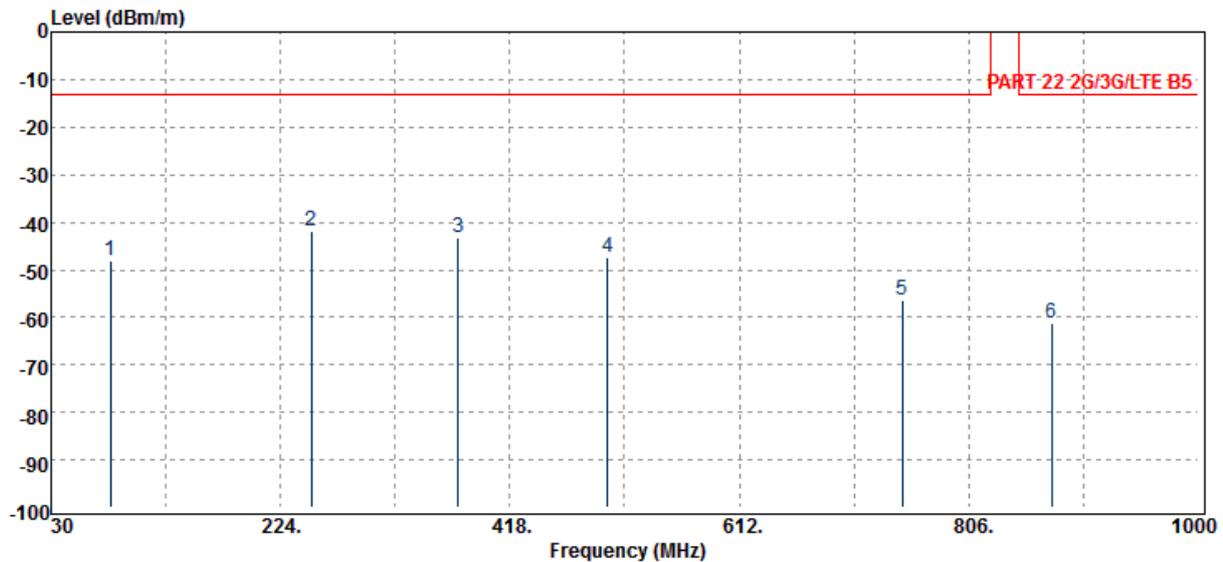
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20525 16QAM BW 3 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
80.44	S	-48.12	-44.42	-2.65	-1.05	-13.00	-35.12
250.19	S	-41.70	-43.50	3.44	-1.64	-13.00	-28.70
374.35	S	-43.29	-45.02	3.69	-1.96	-13.00	-30.29
500.45	S	-47.46	-48.91	3.76	-2.30	-13.00	-34.46
749.74	S	-56.30	-56.89	3.28	-2.70	-13.00	-43.30
875.84	S	-61.14	-61.42	3.36	-3.08	-13.00	-48.14

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

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

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

SGS Taiwan Ltd.

No. 134, WuKung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803 / 新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

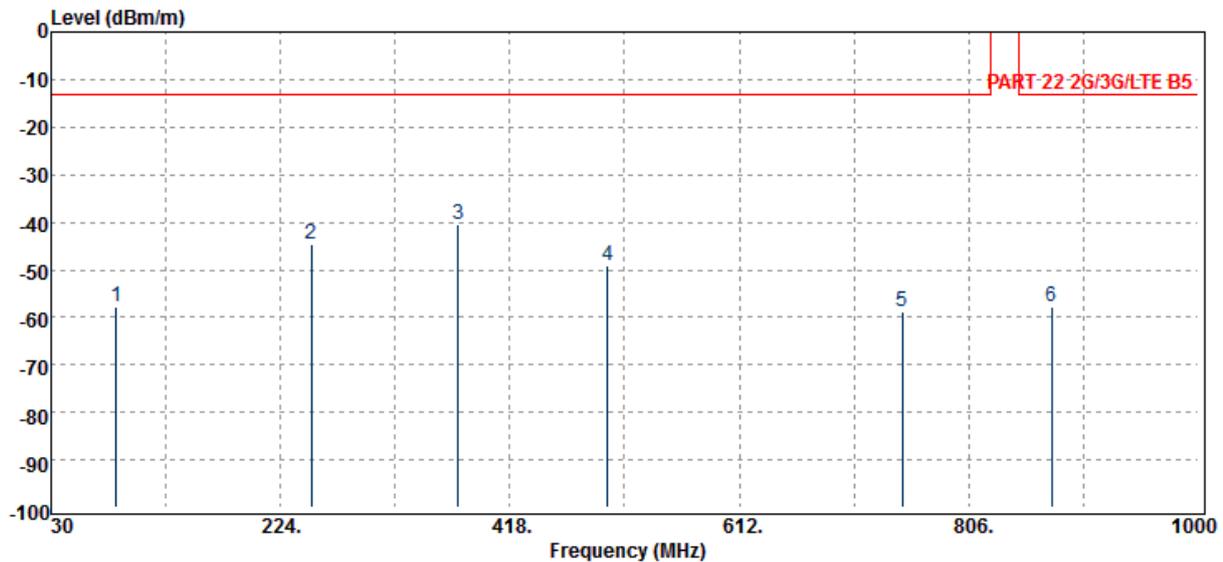
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20525 16QAM BW 3 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
85.29	S	-57.92	-55.36	-1.50	-1.07	-13.00	-44.92
250.19	S	-44.50	-46.31	3.44	-1.64	-13.00	-31.50
374.35	S	-40.60	-42.33	3.69	-1.96	-13.00	-27.60
500.45	S	-49.00	-50.45	3.76	-2.30	-13.00	-36.00
749.74	S	-58.94	-59.52	3.28	-2.70	-13.00	-45.94
875.84	S	-57.86	-58.14	3.36	-3.08	-13.00	-44.86

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

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

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

SGS Taiwan Ltd.

No. 134, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

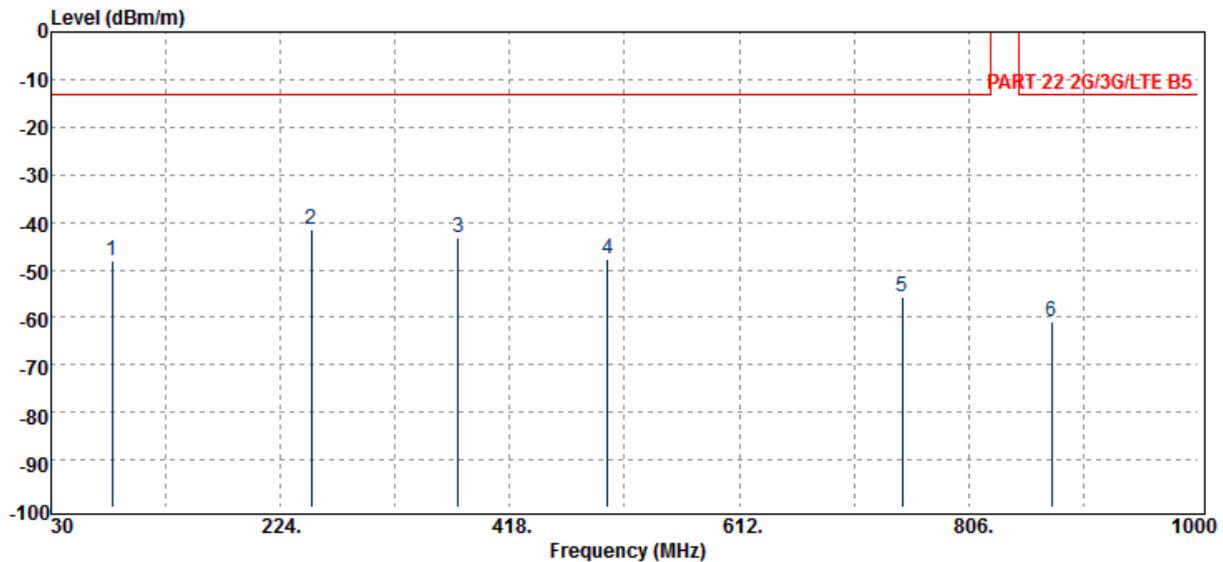
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20643 16QAM BW 3 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:848.3 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

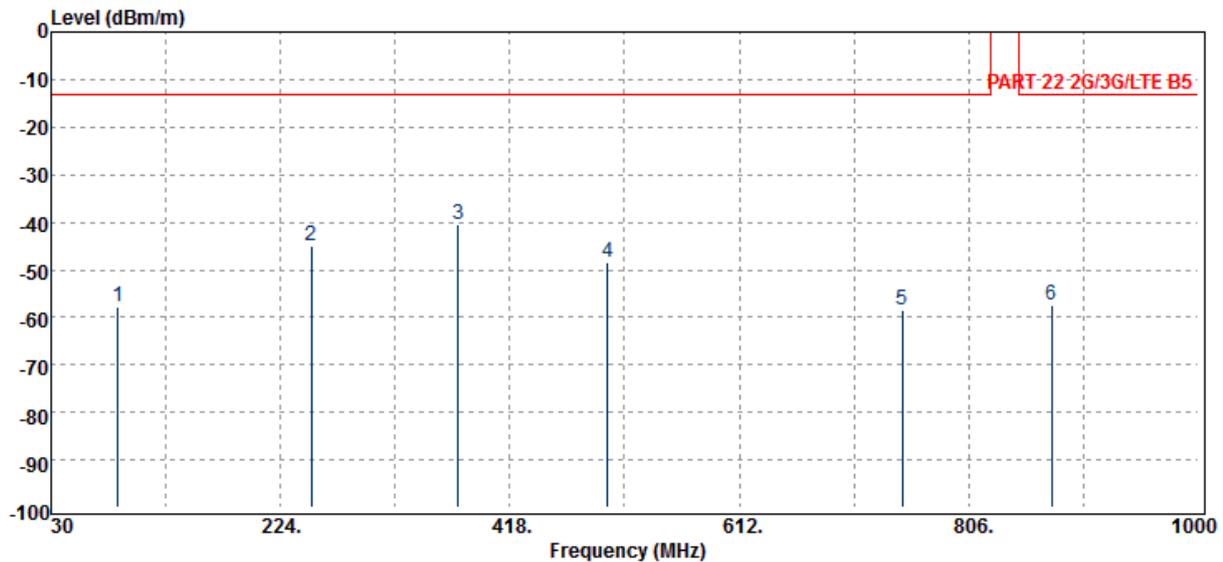


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
81.41	S	-48.02	-44.55	-2.41	-1.06	-13.00	-35.02
250.19	S	-41.66	-43.47	3.44	-1.64	-13.00	-28.66
374.35	S	-43.42	-45.16	3.69	-1.96	-13.00	-30.42
500.45	S	-47.83	-49.29	3.76	-2.30	-13.00	-34.83
749.74	S	-55.72	-56.31	3.28	-2.70	-13.00	-42.72
875.84	S	-60.91	-61.20	3.36	-3.08	-13.00	-47.91

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.

ARFCN	:CH 20643 16QAM BW 3 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:848.3 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
86.26	S	-57.93	-55.59	-1.27	-1.08	-13.00	-44.93
250.19	S	-45.03	-46.83	3.44	-1.64	-13.00	-32.03
374.35	S	-40.56	-42.29	3.69	-1.96	-13.00	-27.56
500.45	S	-48.61	-50.06	3.76	-2.30	-13.00	-35.61
749.74	S	-58.53	-59.12	3.28	-2.70	-13.00	-45.53
875.84	S	-57.45	-57.73	3.36	-3.08	-13.00	-44.45

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

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

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

SGS Taiwan Ltd.

No. 134, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

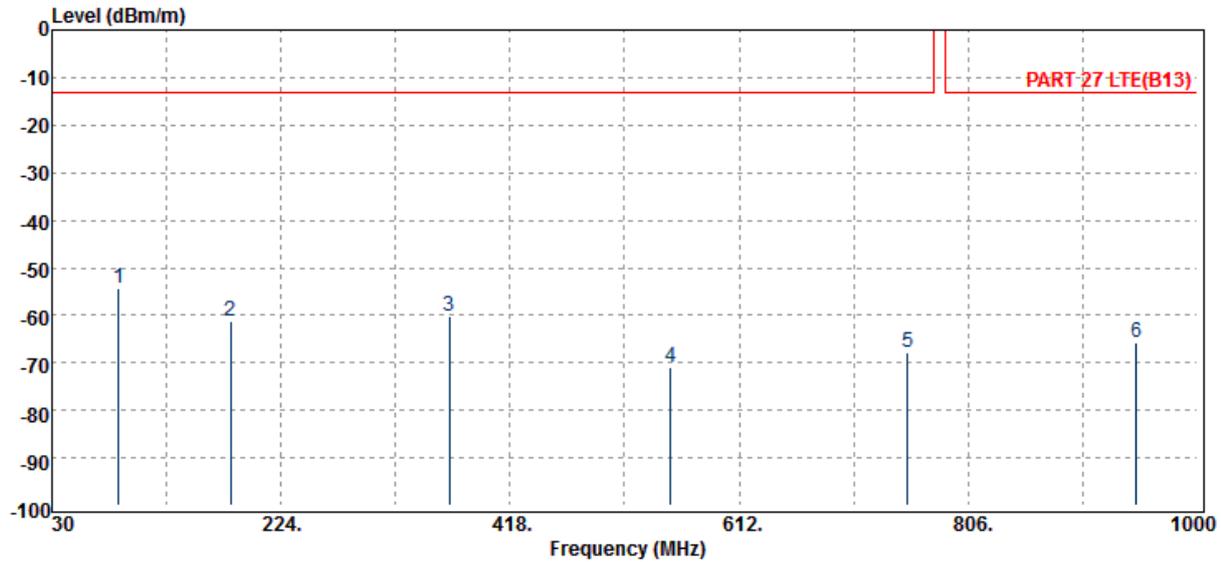
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: 10MHz BW LTE-Band 13(The Worst Case)

ARFCN	:CH 23230 16QAM BW 10 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B13	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:782.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

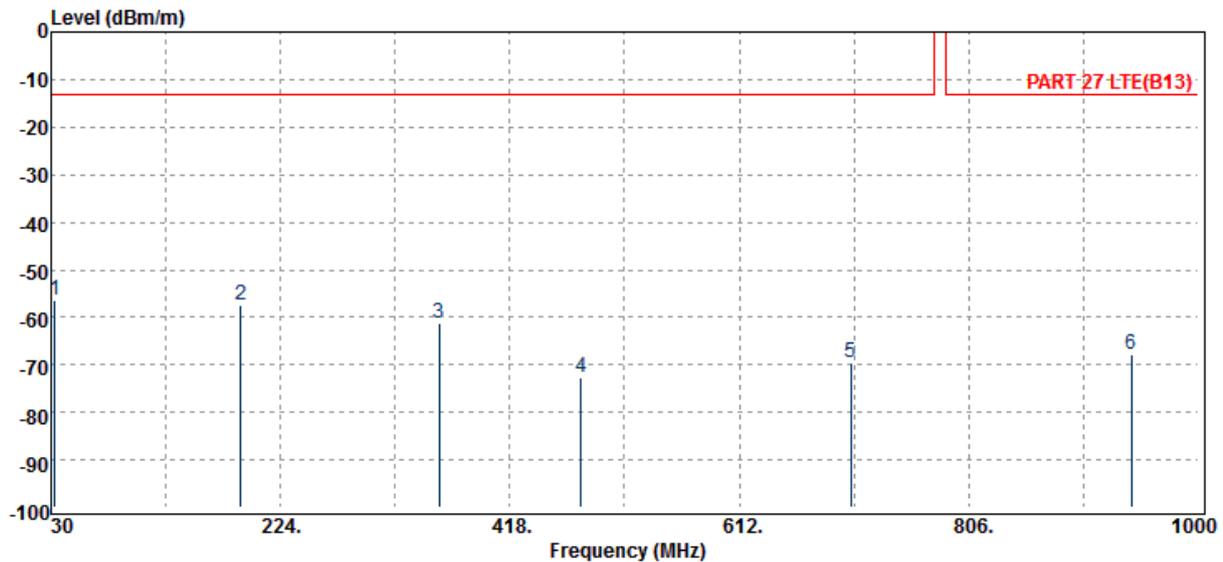


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
86.26	S	-54.38	-52.03	-1.27	-1.08	-13.00	-41.38
181.32	S	-61.18	-60.89	1.21	-1.50	-13.00	-48.18
366.59	S	-60.34	-62.10	3.71	-1.96	-13.00	-47.34
553.80	S	-70.87	-71.85	3.58	-2.59	-13.00	-57.87
754.59	S	-67.85	-68.44	3.30	-2.71	-13.00	-54.85
948.59	S	-65.63	-65.67	3.24	-3.20	-13.00	-52.63

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.

ARFCN	:CH 23230 16QAM BW 10 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B13	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:782.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



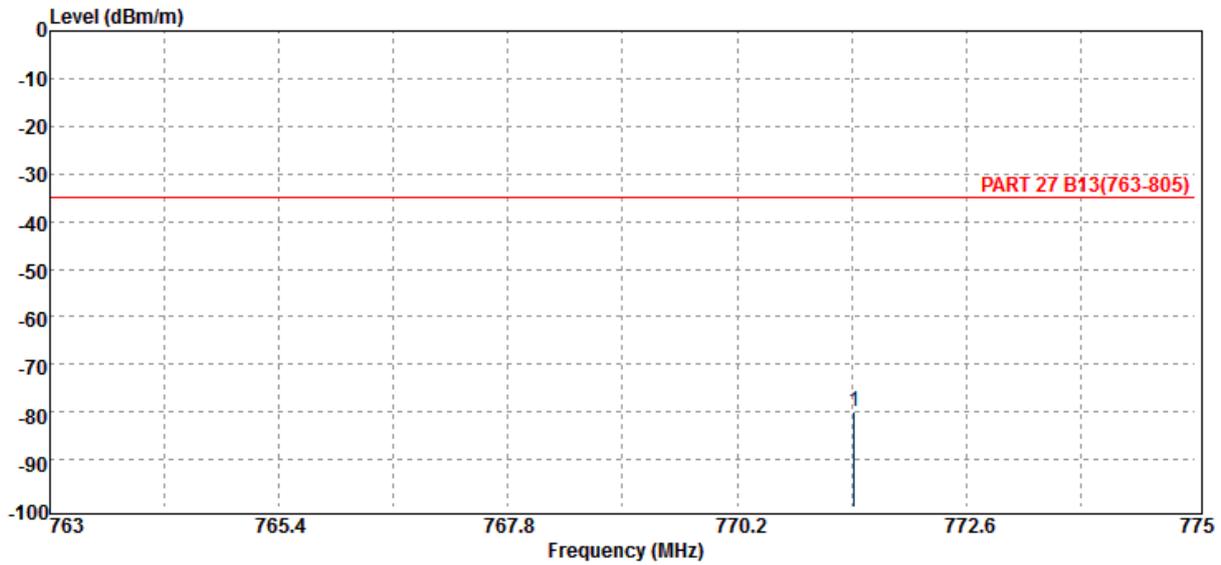
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
32.91	S	-56.36	-41.47	-14.13	-0.76	-13.00	-43.36
190.05	S	-57.30	-58.44	2.66	-1.52	-13.00	-44.30
357.86	S	-61.26	-63.04	3.74	-1.96	-13.00	-48.26
478.14	S	-72.65	-74.06	3.58	-2.17	-13.00	-59.65
706.09	S	-69.57	-70.34	3.37	-2.60	-13.00	-56.57
943.74	S	-67.72	-67.77	3.24	-3.19	-13.00	-54.72

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.

Radiated Spurious Emission Measurement Result: 10MHz BW LTE-Band 13(The Worst Case)
(763MHz -755MHz)

ARFCN	:CH 23230 16QAM BW 10 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B13	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:782.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
771.42	H	-79.84	-80.44	3.35	-2.75	-35.00	-44.84

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

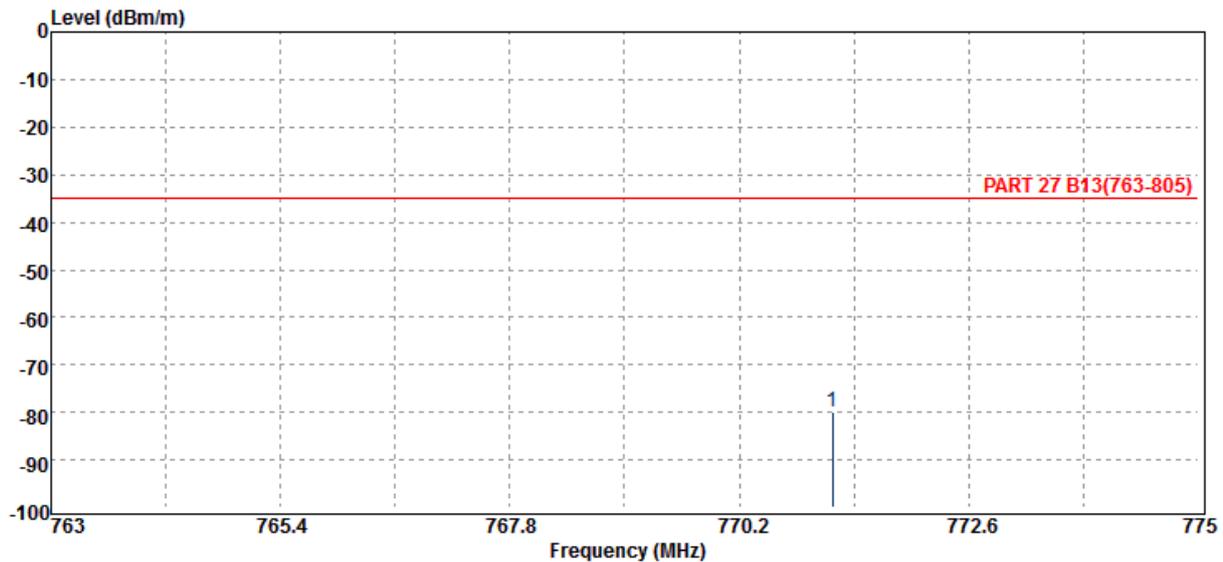
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 23230 16QAM BW 10 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B13	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:782.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



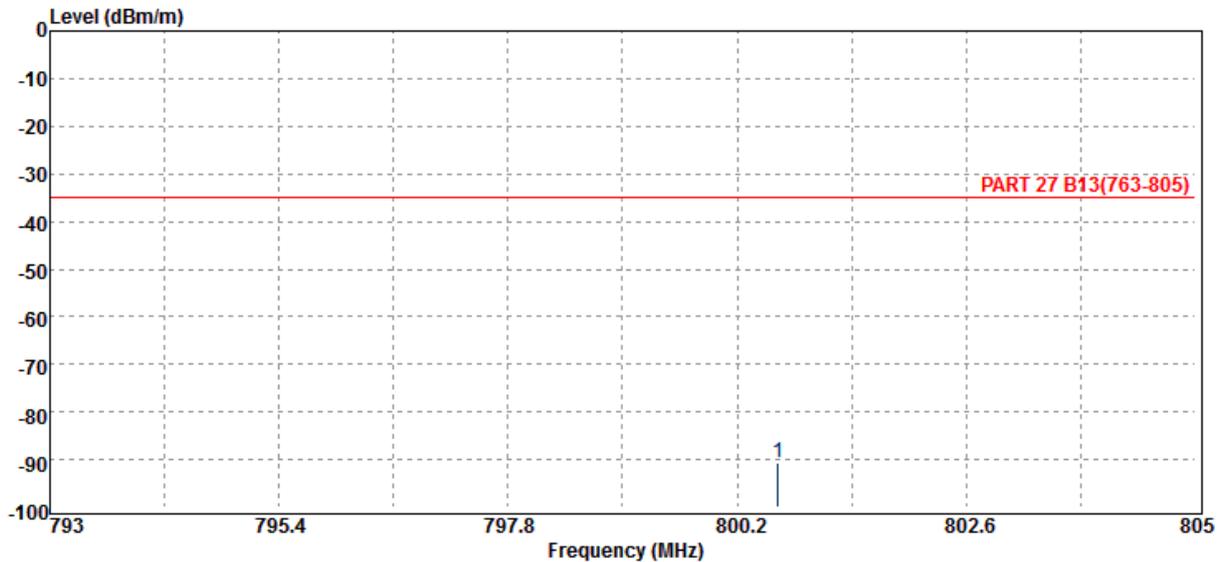
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
771.17	H	-79.86	-80.46	3.35	-2.75	-35.00	-44.86

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

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

**Radiated Spurious Emission Measurement Result: 10MHz BW LTE-Band 13(The Worst Case)
 (793MHz -805MHz)**

ARFCN	:CH 23230 16QAM BW 10 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B13	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:782.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
800.63	H	-90.51	-91.10	3.44	-2.85	-35.00	-55.51

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

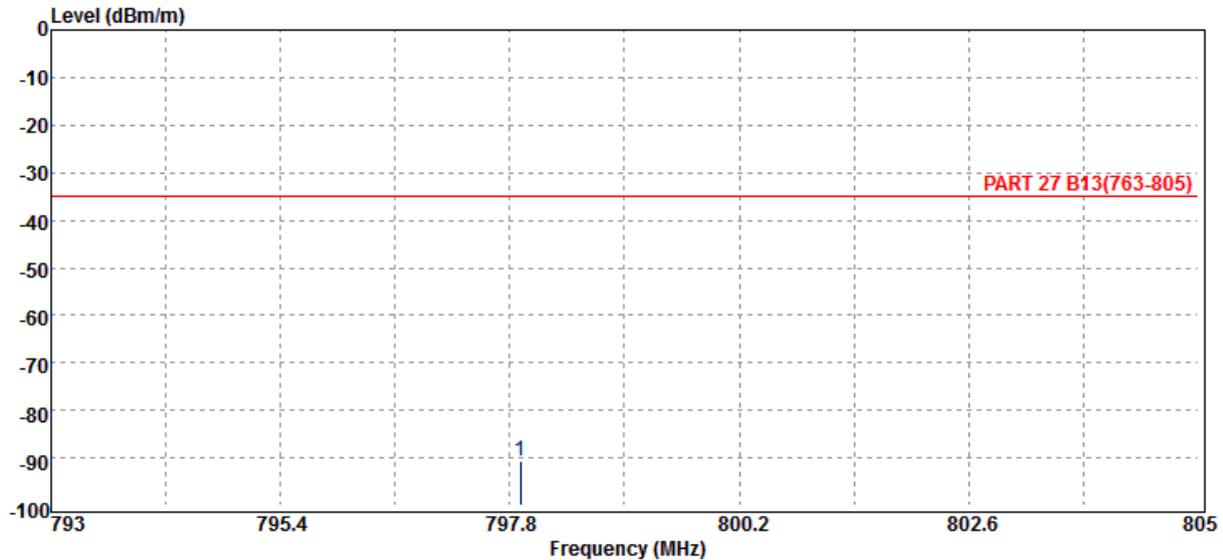
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 23230 16QAM BW 10 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B13	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:782.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



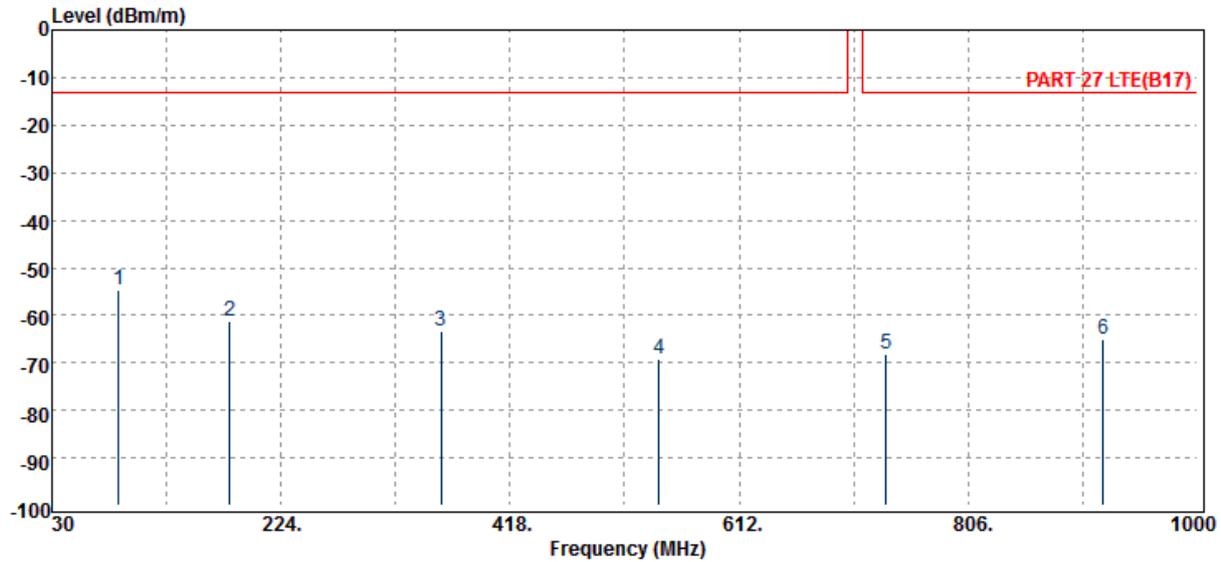
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
797.91	H	-90.68	-91.27	3.44	-2.84	-35.00	-55.68

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.

Radiated Spurious Emission Measurement Result: 5MHz BW LTE-Band 17 (The Worst Case)

ARFCN	:CH 23755 16QAM BW 5	Test Date	:2015-08-28
	RB1 24		
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:706.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

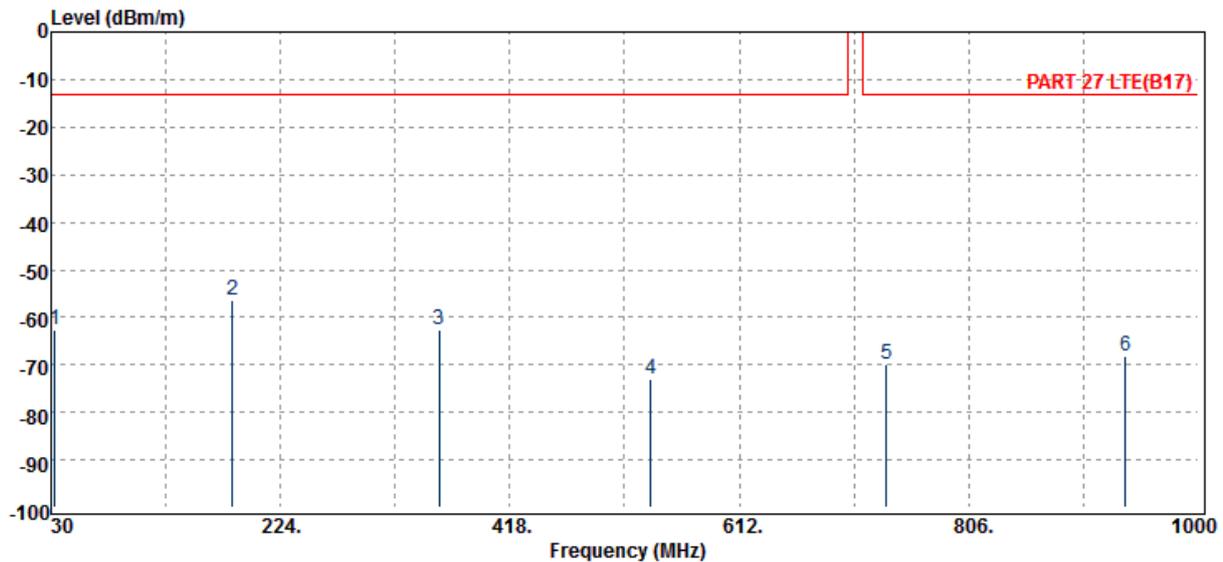


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
86.26	S	-54.64	-52.29	-1.27	-1.08	-13.00	-41.64
180.35	S	-61.14	-60.69	1.05	-1.50	-13.00	-48.14
359.80	S	-63.25	-65.02	3.73	-1.96	-13.00	-50.25
544.10	S	-69.19	-70.25	3.61	-2.54	-13.00	-56.19
736.16	S	-68.28	-68.93	3.31	-2.66	-13.00	-55.28
920.46	S	-65.22	-65.32	3.25	-3.16	-13.00	-52.22

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.

ARFCN	:CH 23755 16QAM BW 5 RB1 24	Test Date	:2015-08-28
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:706.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
32.91	S	-62.79	-47.90	-14.13	-0.76	-13.00	-49.79
183.26	S	-56.35	-56.39	1.54	-1.51	-13.00	-43.35
357.86	S	-62.76	-64.54	3.74	-1.96	-13.00	-49.76
537.31	S	-72.91	-74.03	3.63	-2.51	-13.00	-59.91
736.16	S	-70.06	-70.71	3.31	-2.66	-13.00	-57.06
938.89	S	-68.16	-68.21	3.24	-3.19	-13.00	-55.16

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.

SGS Taiwan Ltd.

No. 134, WuKung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

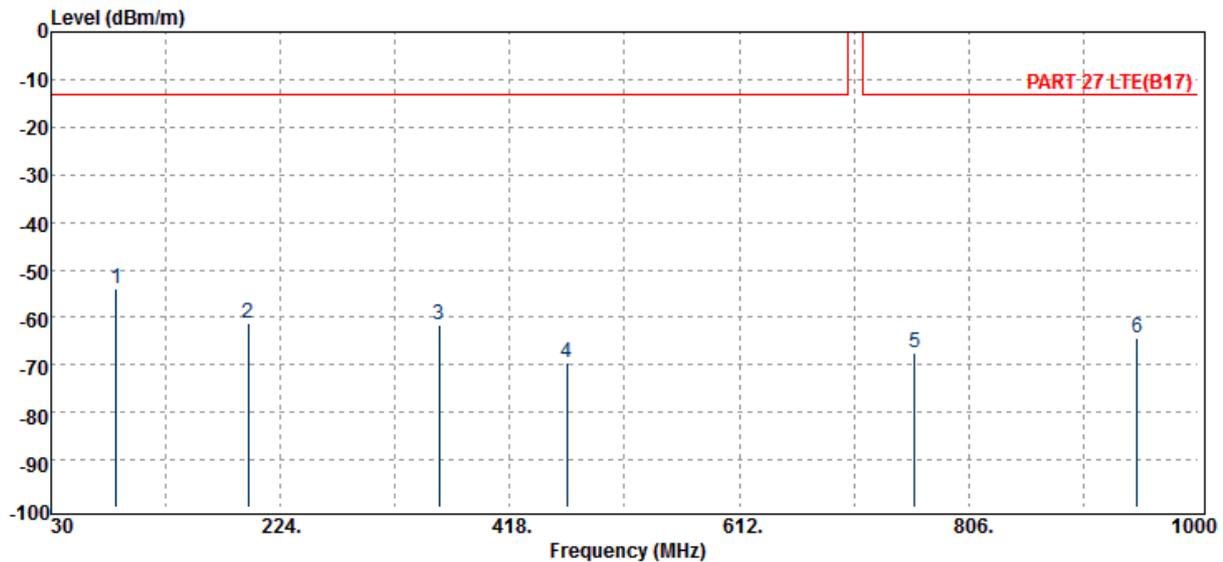
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 23790 16QAM BW 5 RB1 24	Test Date	:2015-08-28
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:710 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
85.29	S	-53.84	-51.27	-1.50	-1.07	-13.00	-40.84
196.84	S	-61.08	-62.58	3.03	-1.53	-13.00	-48.08
357.86	S	-61.67	-63.45	3.74	-1.96	-13.00	-48.67
466.50	S	-69.67	-71.04	3.49	-2.11	-13.00	-56.67
760.41	S	-67.57	-68.17	3.32	-2.72	-13.00	-54.57
948.59	S	-64.36	-64.39	3.24	-3.20	-13.00	-51.36

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

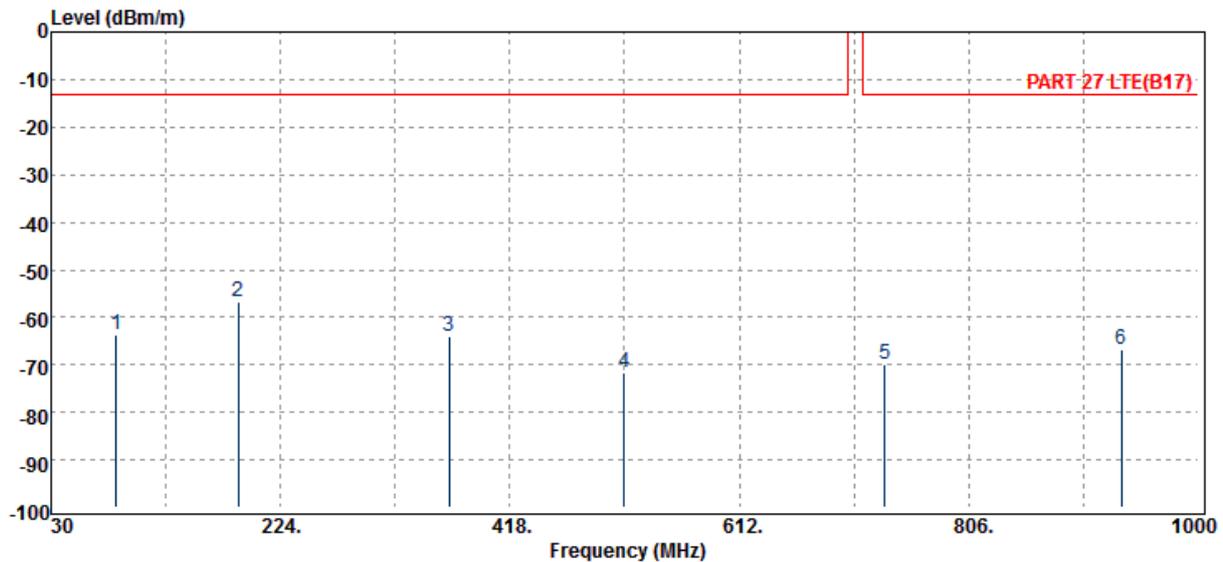
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 23790 16QAM BW 5 RB1 24	Test Date	:2015-08-28
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:710 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



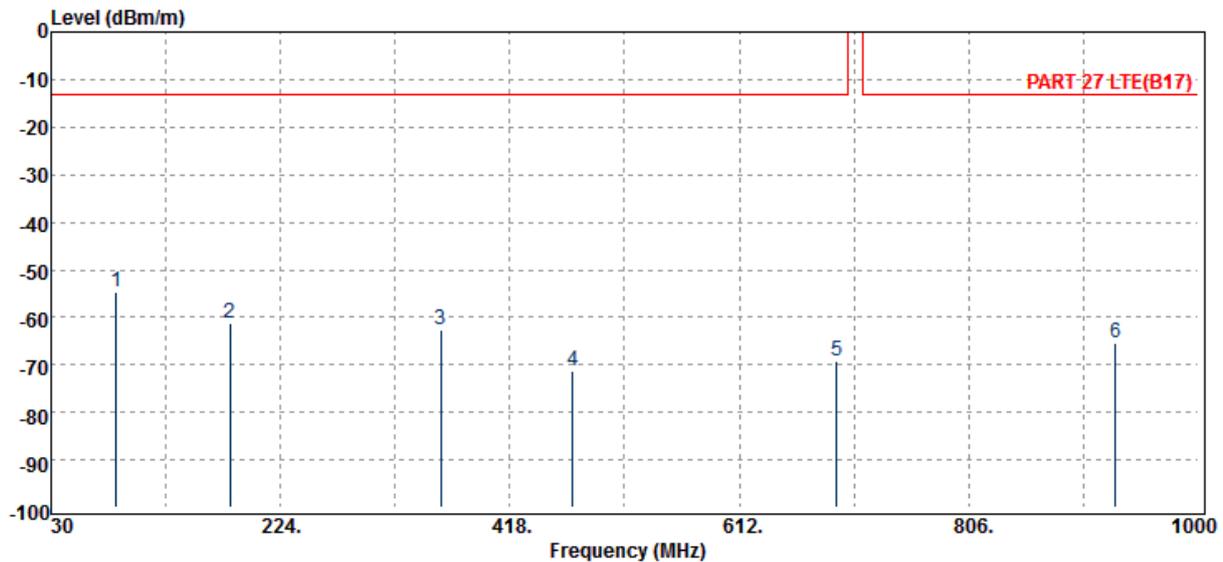
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
85.29	S	-63.55	-60.99	-1.50	-1.07	-13.00	-50.55
188.11	S	-56.72	-57.56	2.35	-1.51	-13.00	-43.72
366.59	S	-64.13	-65.88	3.71	-1.96	-13.00	-51.13
515.00	S	-71.58	-72.90	3.71	-2.39	-13.00	-58.58
735.19	S	-69.97	-70.62	3.31	-2.66	-13.00	-56.97
935.01	S	-66.95	-67.01	3.24	-3.18	-13.00	-53.95

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

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

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

ARFCN	:CH 23825 16QAM BW 5 RB1 24	Test Date	:2015-08-28
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:713.5 MHz	Engineer	:Tin
Operation Mode	:TX HIGH	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		

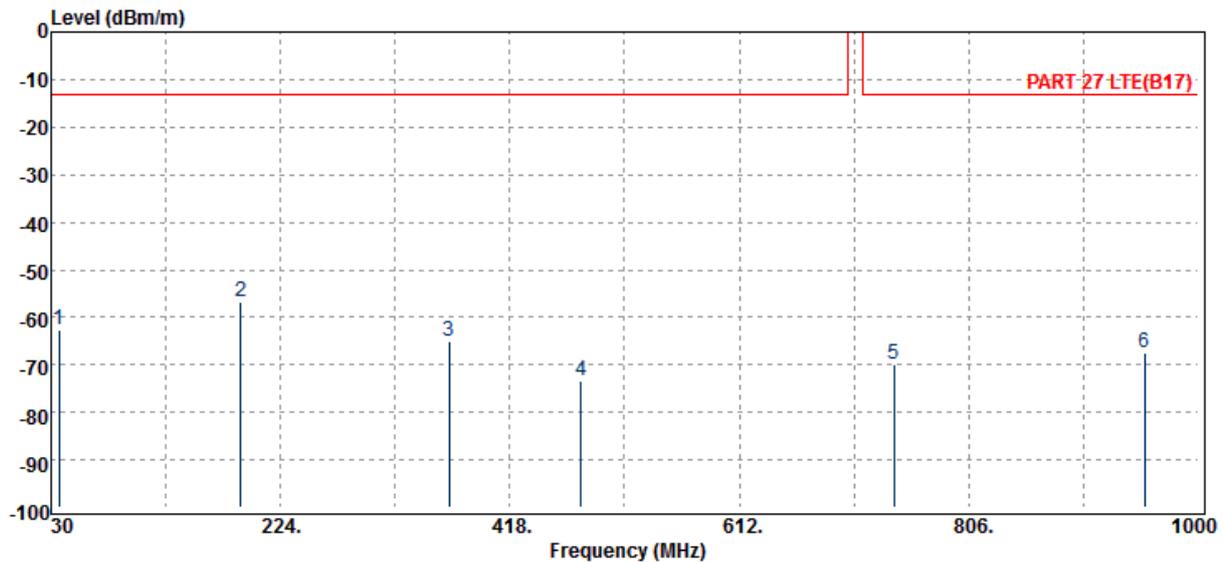


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
85.29	S	-54.58	-52.01	-1.50	-1.07	-13.00	-41.58
181.32	S	-61.36	-61.07	1.21	-1.50	-13.00	-48.36
359.80	S	-62.70	-64.47	3.73	-1.96	-13.00	-49.70
471.35	S	-71.29	-72.69	3.53	-2.13	-13.00	-58.29
694.45	S	-69.09	-69.89	3.41	-2.61	-13.00	-56.09
930.16	S	-65.46	-65.53	3.25	-3.17	-13.00	-52.46

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

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

ARFCN	:CH 23825 16QAM BW 5 RB1 24	Test Date	:2015-08-28
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:713.5 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
36.79	S	-62.53	-48.41	-13.32	-0.80	-13.00	-49.53
190.05	S	-56.58	-57.72	2.66	-1.52	-13.00	-43.58
366.59	S	-64.99	-66.74	3.71	-1.96	-13.00	-51.99
478.14	S	-73.24	-74.65	3.58	-2.17	-13.00	-60.24
742.95	S	-69.82	-70.44	3.30	-2.68	-13.00	-56.82
954.41	S	-67.46	-67.20	2.94	-3.21	-13.00	-54.46

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

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

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

SGS Taiwan Ltd.

No. 134, WuKung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803 / 新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

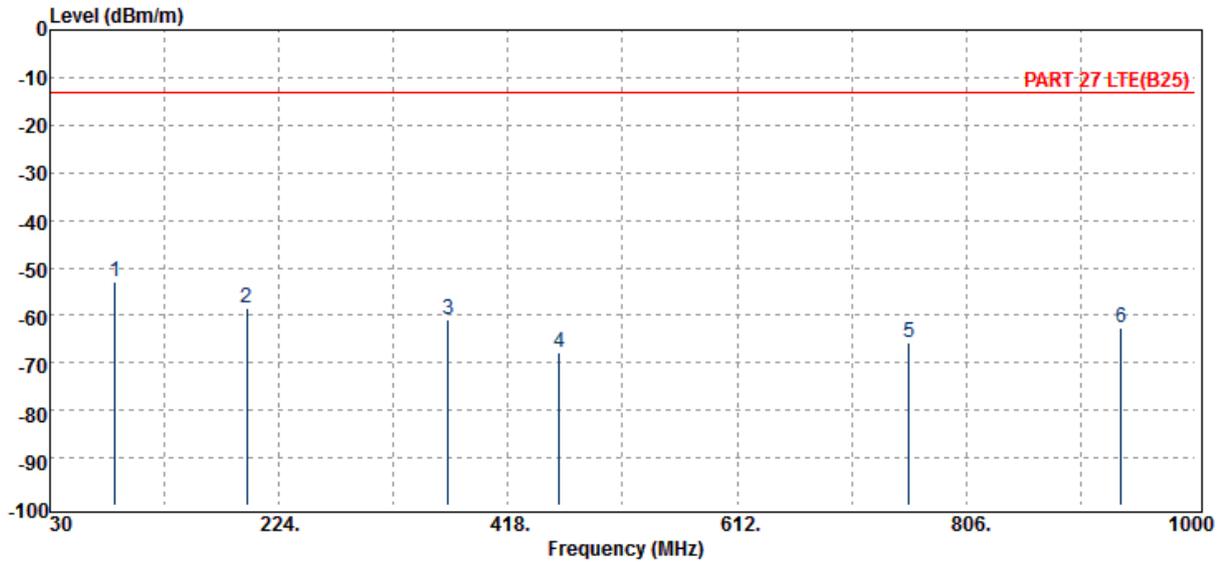
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: 5MHz BW LTE-Band 25 (The Worst Case)

ARFCN	:CH 26065 16QAM BW 5	Test Date	:2015-08-28
	RB1 0		
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1852.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

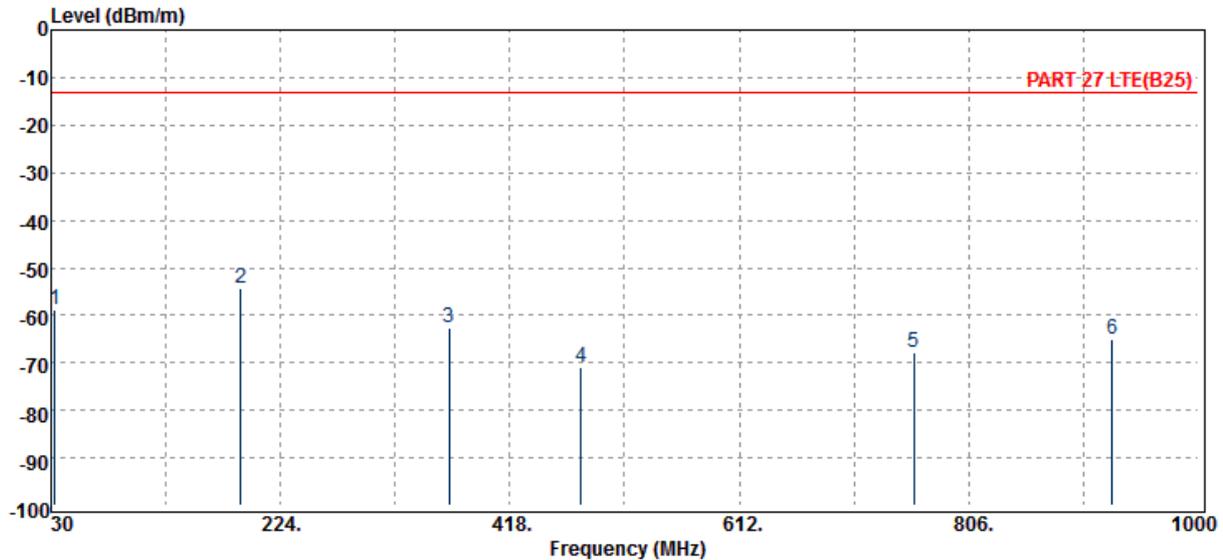


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
85.29	S	-52.77	-52.35	0.65	-1.07	-13.00	-39.77
196.84	S	-58.55	-62.20	5.18	-1.53	-13.00	-45.55
367.56	S	-60.97	-64.87	5.86	-1.96	-13.00	-47.97
461.65	S	-67.77	-71.27	5.59	-2.10	-13.00	-54.77
757.50	S	-65.87	-68.61	5.46	-2.71	-13.00	-52.87
936.95	S	-62.57	-64.78	5.39	-3.18	-13.00	-49.57

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.

ARFCN	:CH 26065 16QAM BW 5 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1852.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
32.91	S	-58.95	-46.21	-11.98	-0.76	-13.00	-45.95
190.05	S	-54.41	-57.70	4.81	-1.52	-13.00	-41.41
366.59	S	-62.54	-66.44	5.86	-1.96	-13.00	-49.54
478.14	S	-70.88	-74.44	5.73	-2.17	-13.00	-57.88
759.44	S	-67.68	-70.43	5.46	-2.72	-13.00	-54.68
927.25	S	-65.09	-67.32	5.40	-3.17	-13.00	-52.09

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

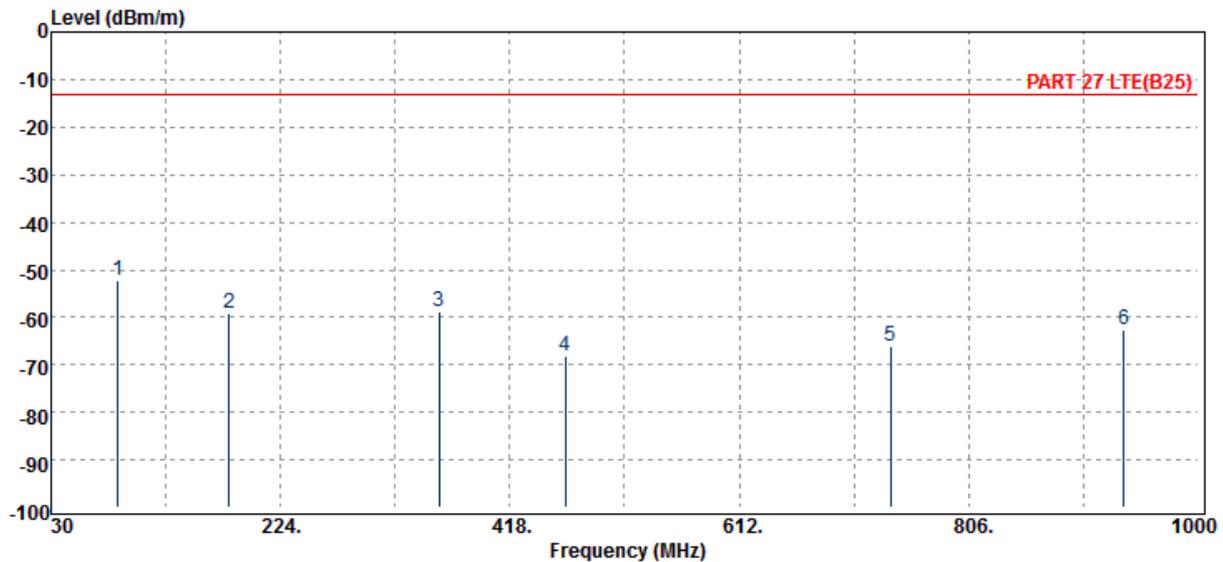
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 26365 16QAM BW 5 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1882.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
86.26	S	-52.22	-52.03	0.88	-1.08	-13.00	-39.22
180.35	S	-59.08	-60.78	3.20	-1.50	-13.00	-46.08
357.86	S	-58.70	-62.63	5.89	-1.96	-13.00	-45.70
464.56	S	-68.21	-71.72	5.62	-2.11	-13.00	-55.21
740.04	S	-66.06	-68.84	5.45	-2.67	-13.00	-53.06
936.95	S	-62.52	-64.73	5.39	-3.18	-13.00	-49.52

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

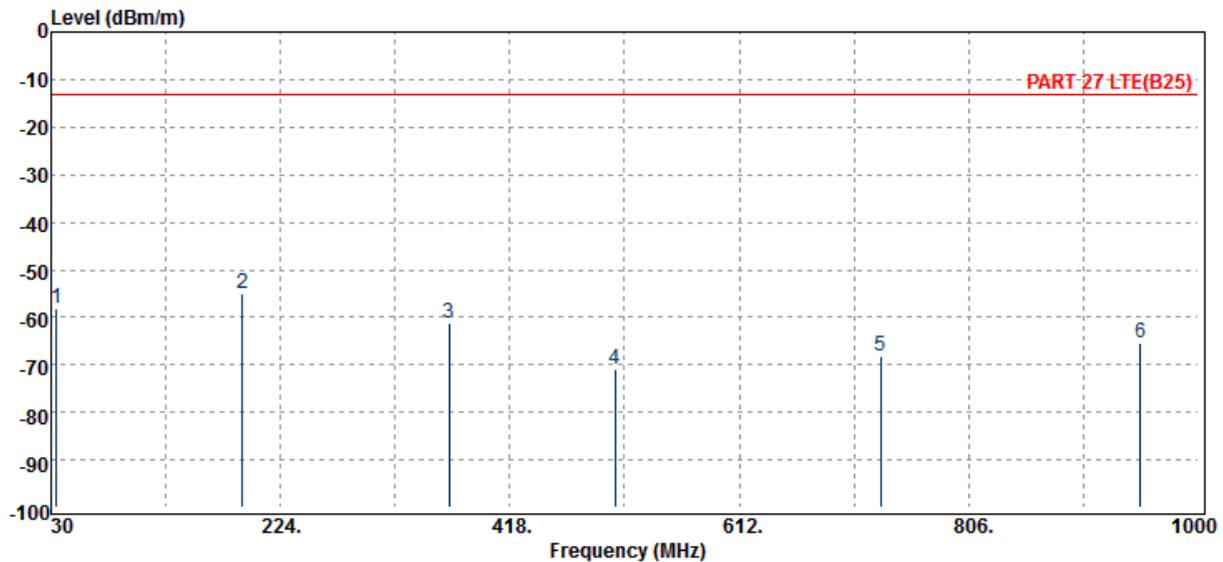
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 26365 16QAM BW 5 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1882.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
34.85	S	-58.30	-46.00	-11.52	-0.78	-13.00	-45.30
191.99	S	-55.15	-58.54	4.92	-1.52	-13.00	-42.15
366.59	S	-61.31	-65.21	5.86	-1.96	-13.00	-48.31
507.24	S	-71.05	-74.59	5.88	-2.34	-13.00	-58.05
731.31	S	-68.31	-71.13	5.47	-2.65	-13.00	-55.31
951.50	S	-65.24	-67.32	5.28	-3.20	-13.00	-52.24

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

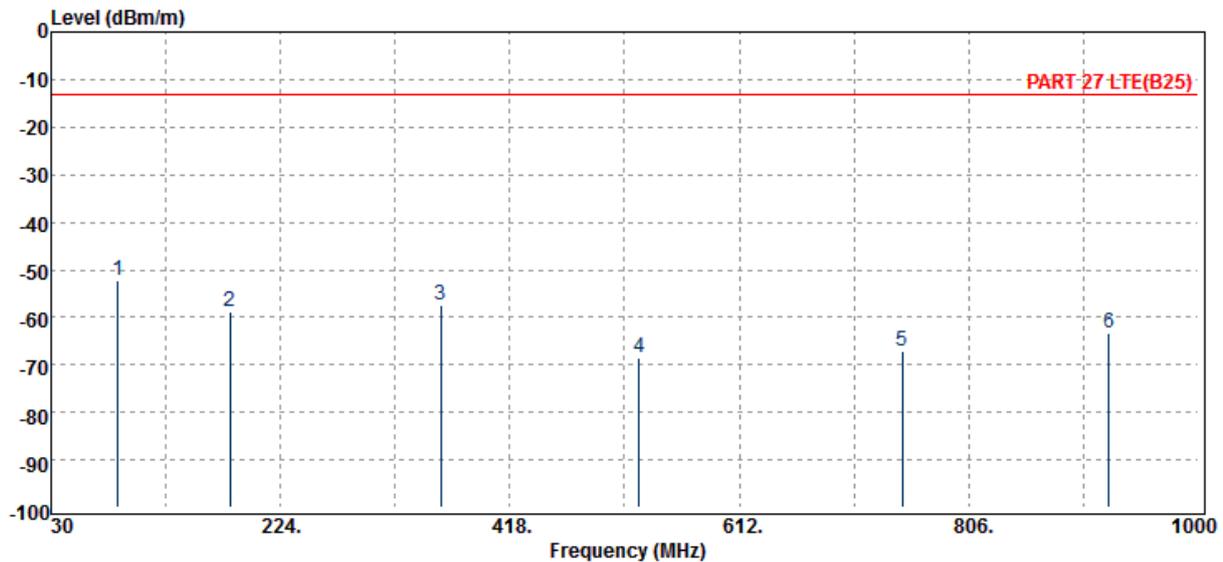
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 26665 16QAM BW 5 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1912.5 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
86.26	S	-52.13	-51.93	0.88	-1.08	-13.00	-39.13
181.32	S	-58.92	-60.78	3.36	-1.50	-13.00	-45.92
359.80	S	-57.37	-61.29	5.88	-1.96	-13.00	-44.37
527.61	S	-68.60	-71.95	5.81	-2.46	-13.00	-55.60
749.74	S	-67.00	-69.73	5.43	-2.70	-13.00	-54.00
924.34	S	-63.45	-65.68	5.40	-3.17	-13.00	-50.45

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

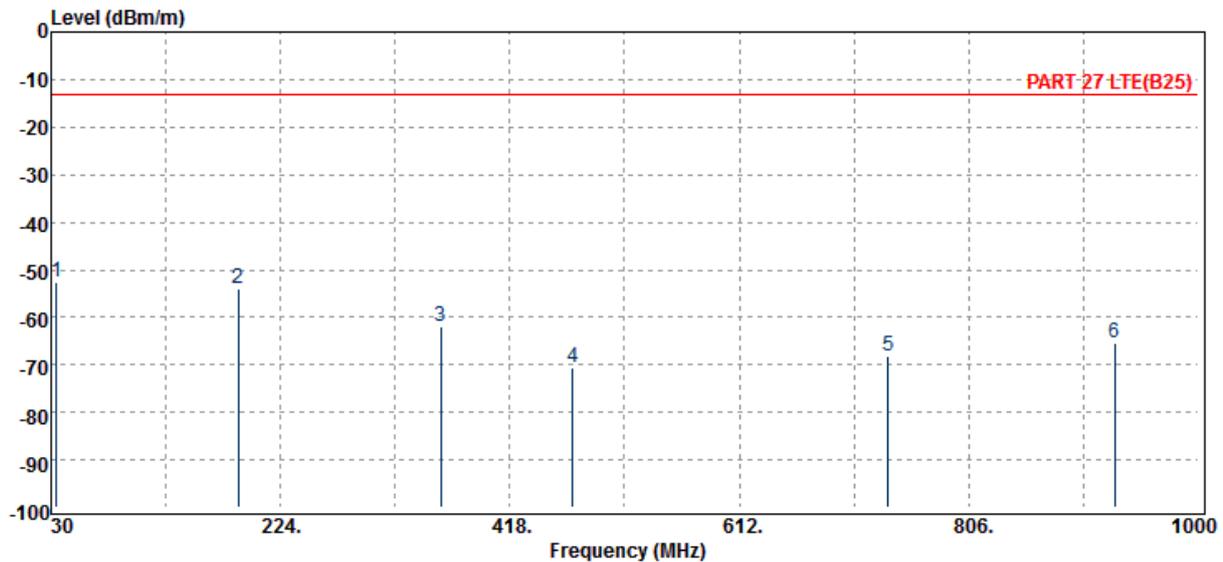
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 26665 16QAM BW 5 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1912.5 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
34.85	S	-52.54	-40.23	-11.52	-0.78	-13.00	-39.54
188.11	S	-53.87	-56.85	4.50	-1.51	-13.00	-40.87
359.80	S	-61.78	-65.70	5.88	-1.96	-13.00	-48.78
471.35	S	-70.53	-74.08	5.68	-2.13	-13.00	-57.53
738.10	S	-68.19	-70.98	5.45	-2.67	-13.00	-55.19
929.19	S	-65.55	-67.77	5.40	-3.17	-13.00	-52.55

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

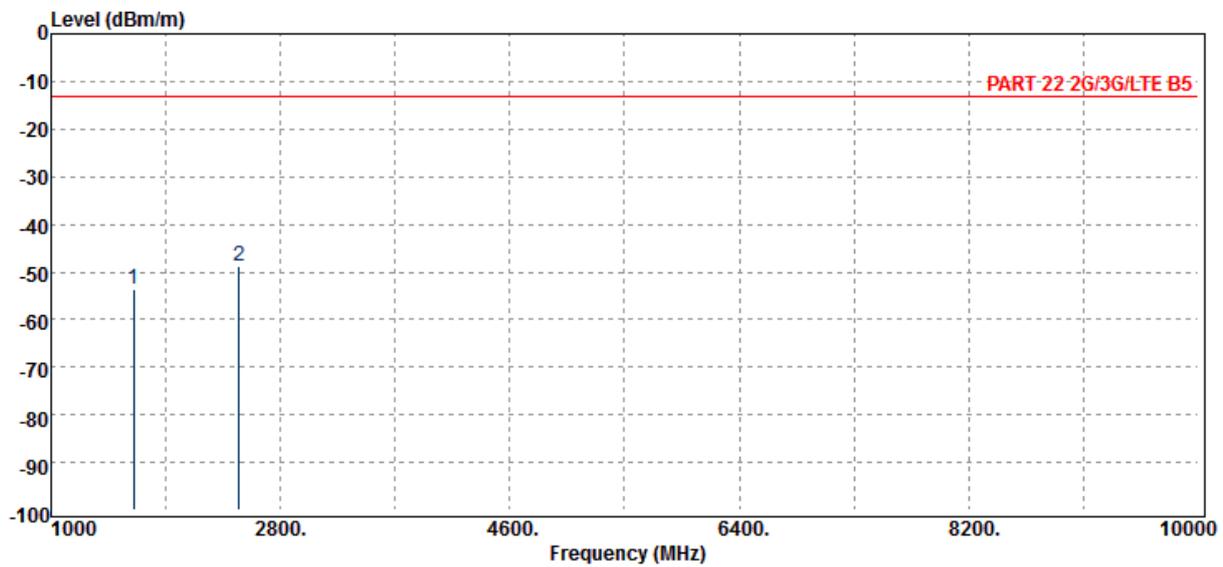
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm.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

8.6. Measurement Result (Above 1GHz):

*Antenna Part No.: GSA.8841.A.105111

Radiated Spurious Emission Measurement Result: GPRS 850 Mode

ARFCN	:CH 128	Test Date	:2015-08-28
Operation Band	:GPRS 850	Temp./Humi.	:22 deg_C / 53 RH
Fundamental Frequency	:824.2 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



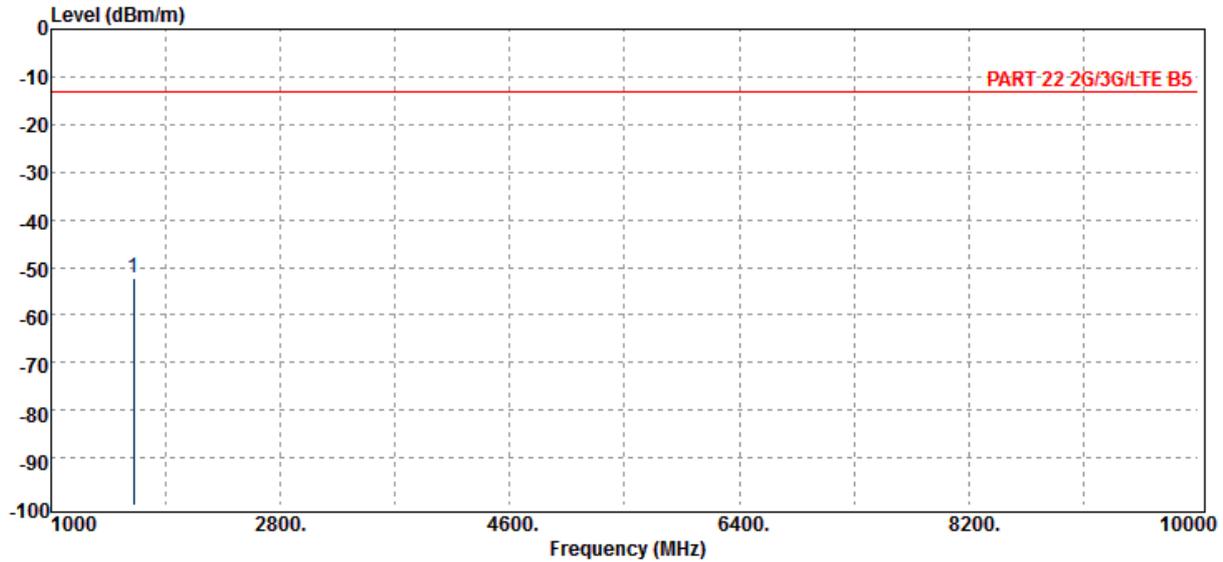
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1648.40	H	-53.53	-52.37	3.05	-4.21	-13.00	-40.53
2472.60	H	-48.64	-46.91	3.59	-5.32	-13.00	-35.64

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.

ARFCN	:CH 128	Test Date	:2015-08-28
Operation Band	:GPRS 850	Temp./Humi.	:22 deg_C / 53 RH
Fundamental Frequency	:824.2 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



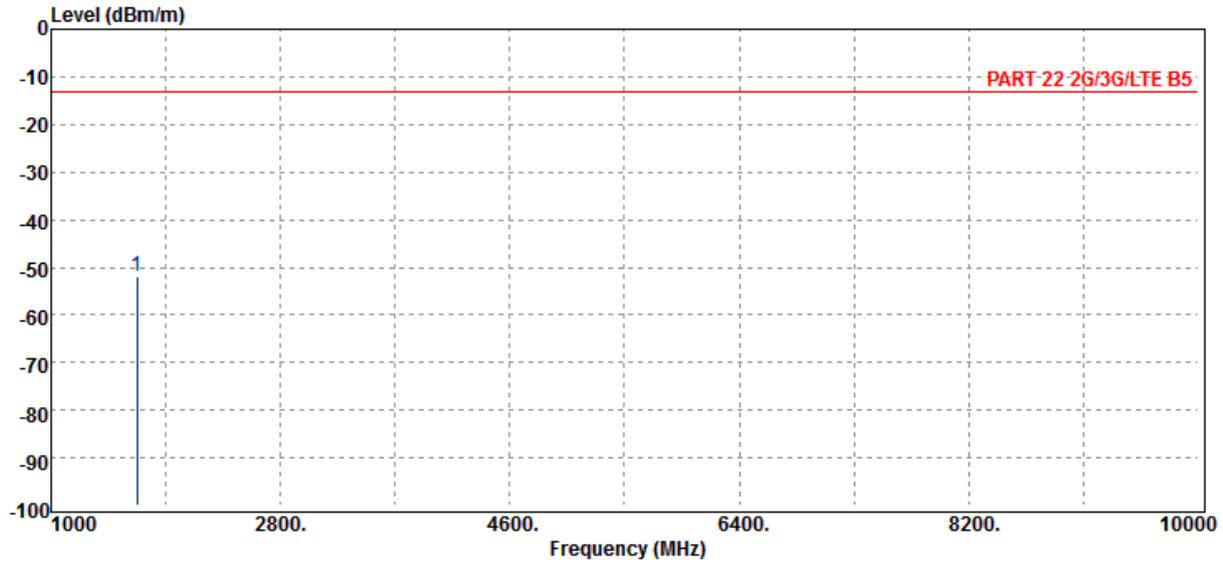
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1648.40	H	-52.33	-51.17	3.05	-4.21	-13.00	-39.33

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

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

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

ARFCN	:CH 190	Test Date	:2015-08-28
Operation Band	:GSM 850	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.6 MHz	Engineer	:Tin
Operation Mode	:TX MID	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1673.20	H	-51.95	-50.70	3.01	-4.26	-13.00	-38.95

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

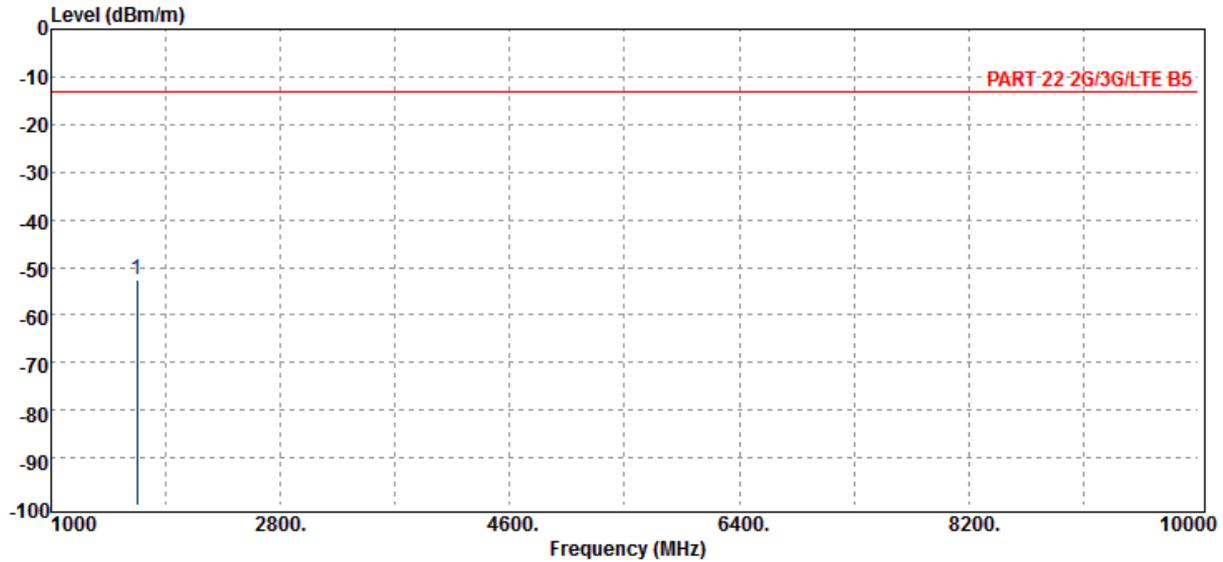
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 190	Test Date	:2015-08-28
Operation Band	:GSM 850	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.6 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1673.20	H	-52.50	-51.25	3.01	-4.26	-13.00	-39.50

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

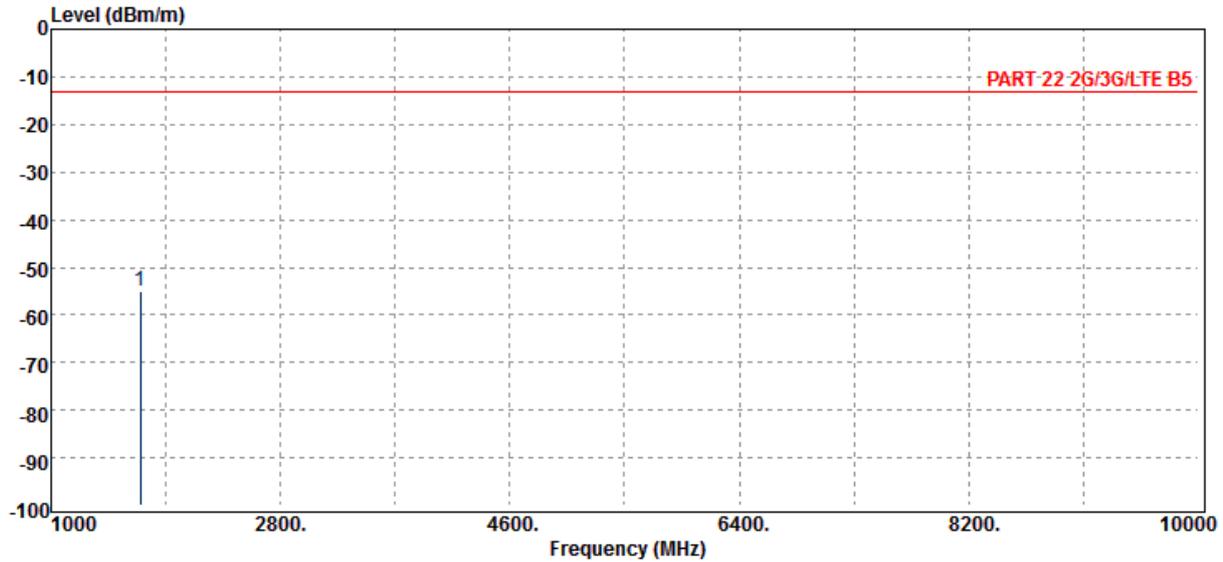
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 251	Test Date	:2015-08-28
Operation Band	:GSM 850	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:848.8 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1697.60	H	-54.97	-53.66	2.96	-4.28	-13.00	-41.97

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

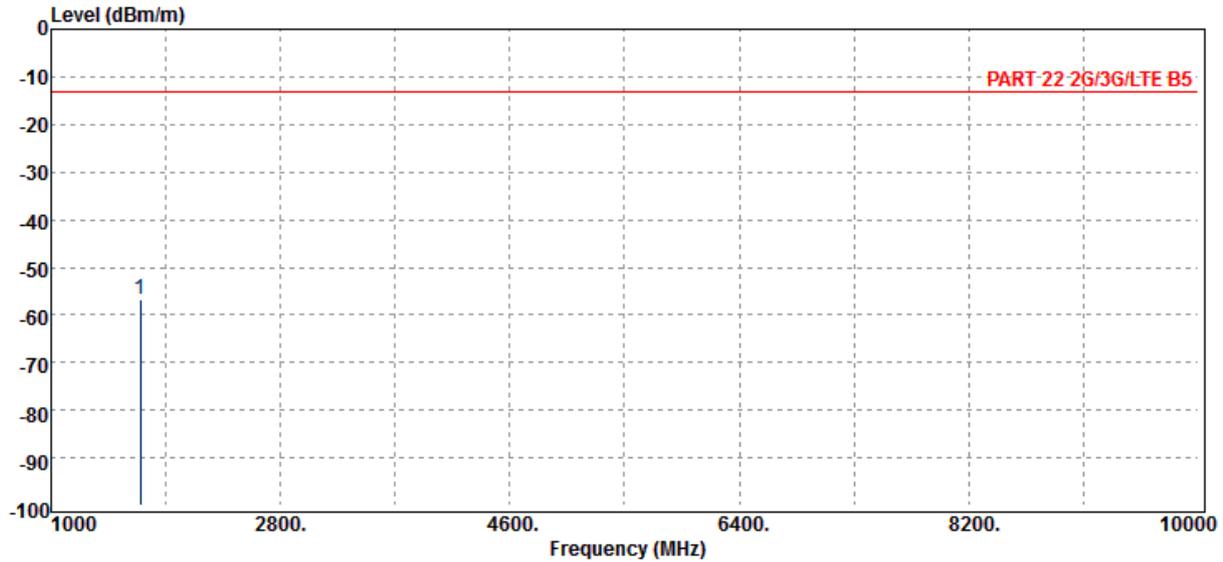
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 251	Test Date	:2015-08-28
Operation Band	:GSM 850	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:848.8 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



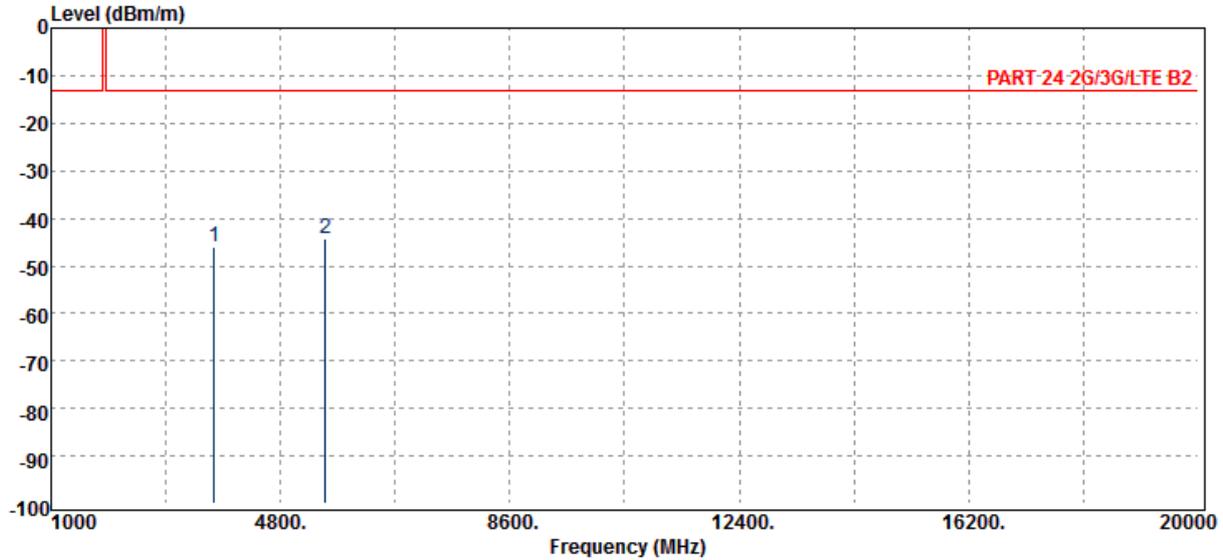
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1697.60	H	-56.90	-55.59	2.96	-4.28	-13.00	-43.90

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

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

Radiated Spurious Emission Measurement Result: GPRS 1900 Mode

ARFCN	:CH 512	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1850.2 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3700.40	H	-46.08	-47.62	8.43	-6.88	-13.00	-33.08
5550.60	H	-44.20	-45.75	10.10	-8.55	-13.00	-31.20

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

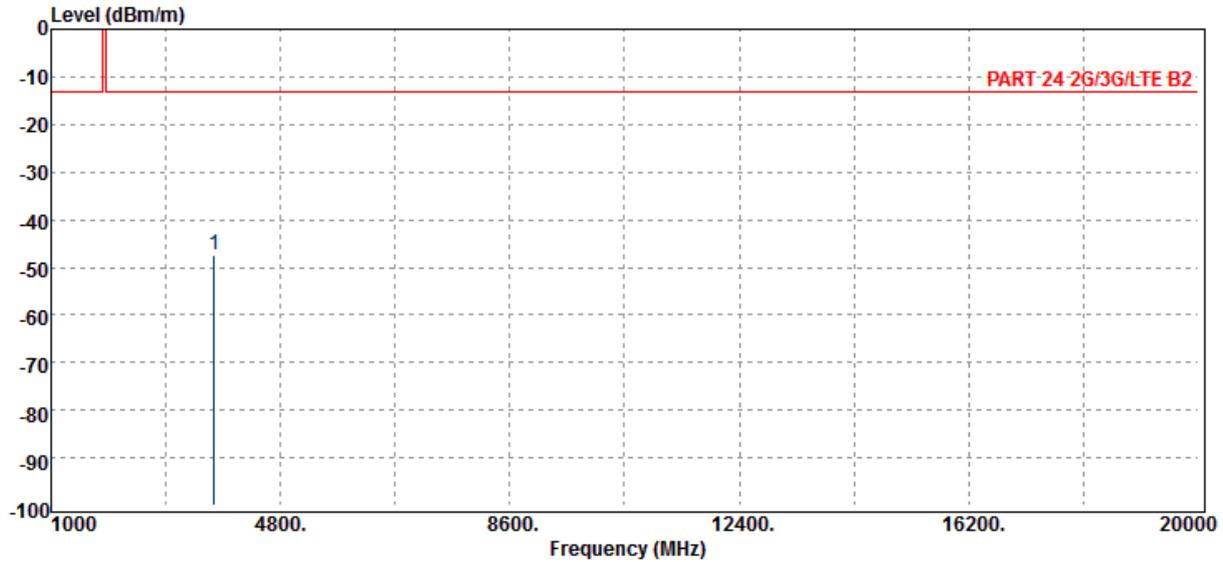
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 512	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1850.2 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq.	Note	EIRP	SG	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Output Level dBm	Gain dBi	Loss dB	dBm	dB
3700.40	H	-47.56	-49.11	8.43	-6.88	-13.00	-34.56

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

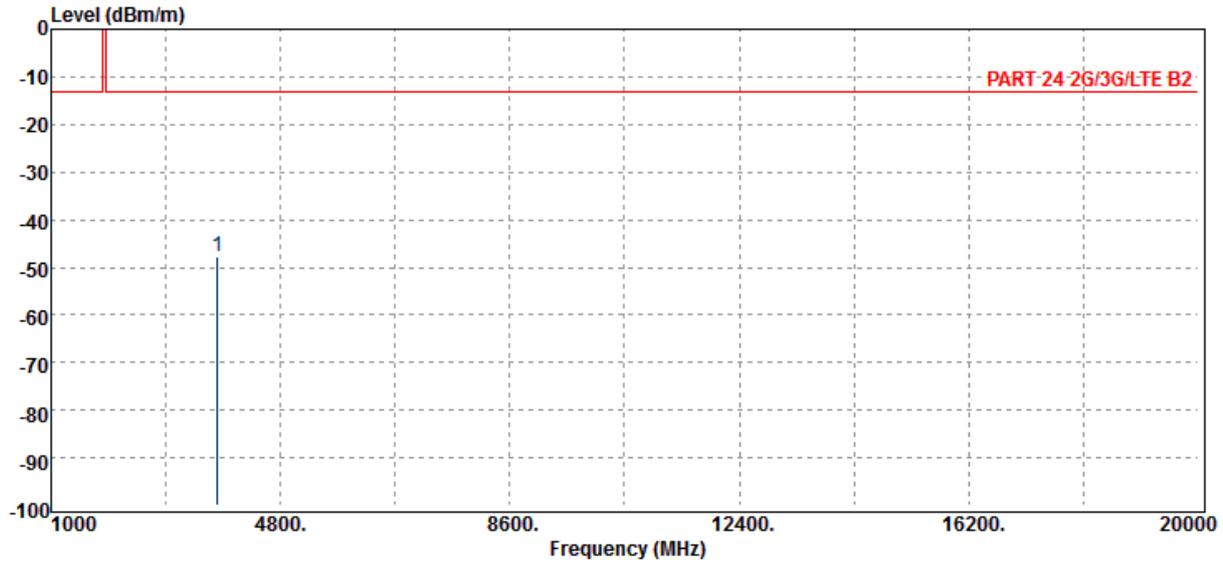
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 661	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1880.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

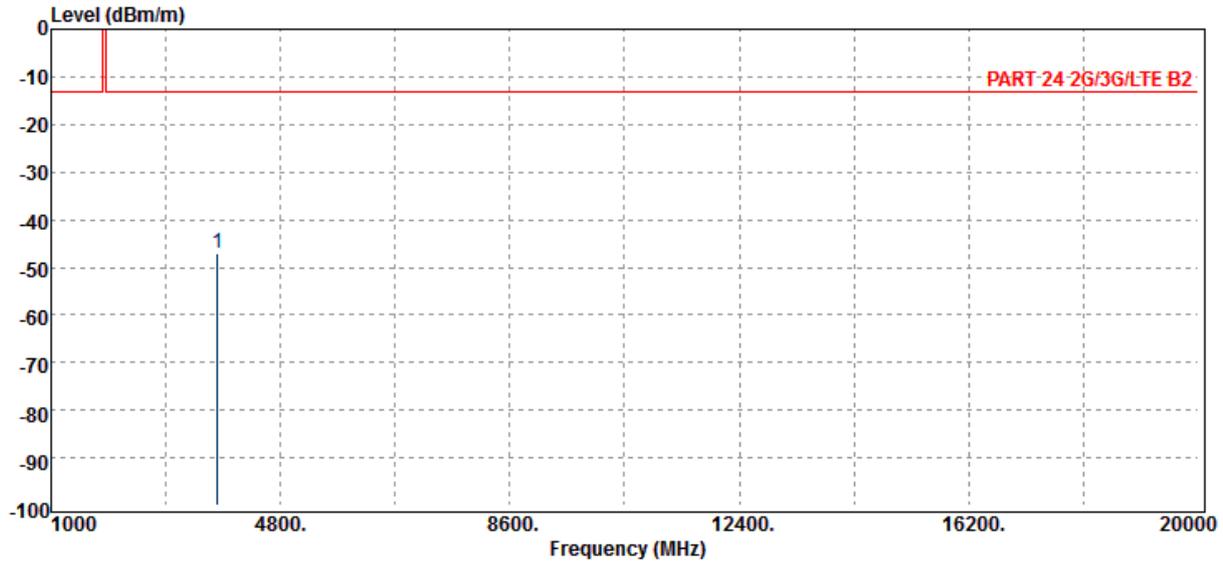


Freq.	Note	EIRP	SG	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Output Level dBm	Gain dBi	Loss dB	dBm	dB
3760.00	H	-47.75	-49.19	8.46	-7.02	-13.00	-34.75

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.

ARFCN	:CH 661	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1880.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL

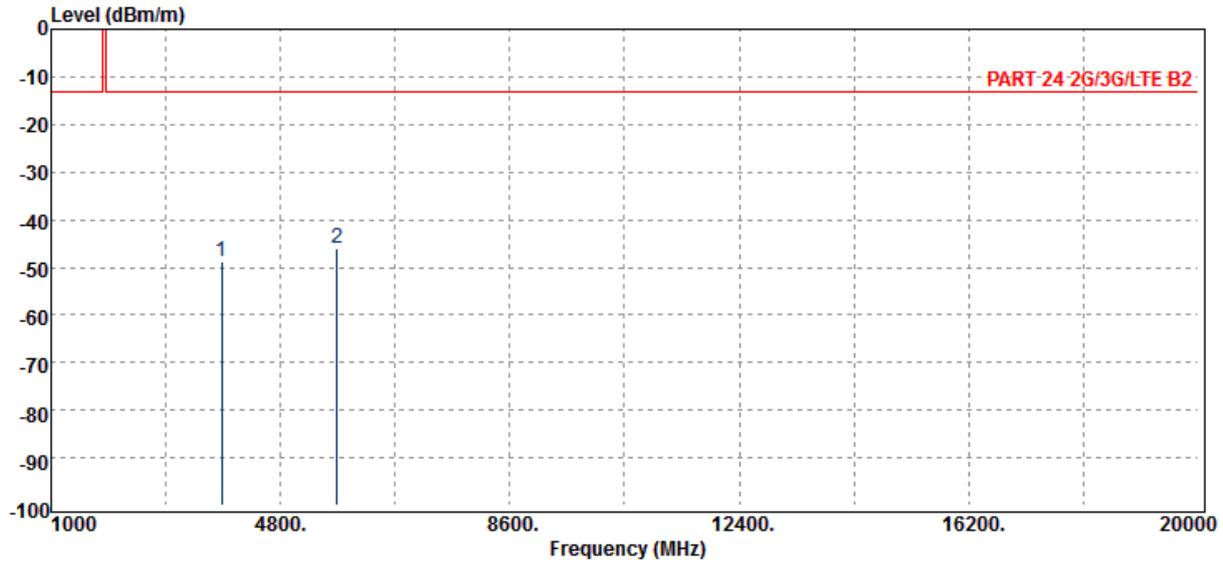


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3760.00	H	-47.04	-48.49	8.46	-7.02	-13.00	-34.04

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.

ARFCN	:CH 810	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1909.8 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



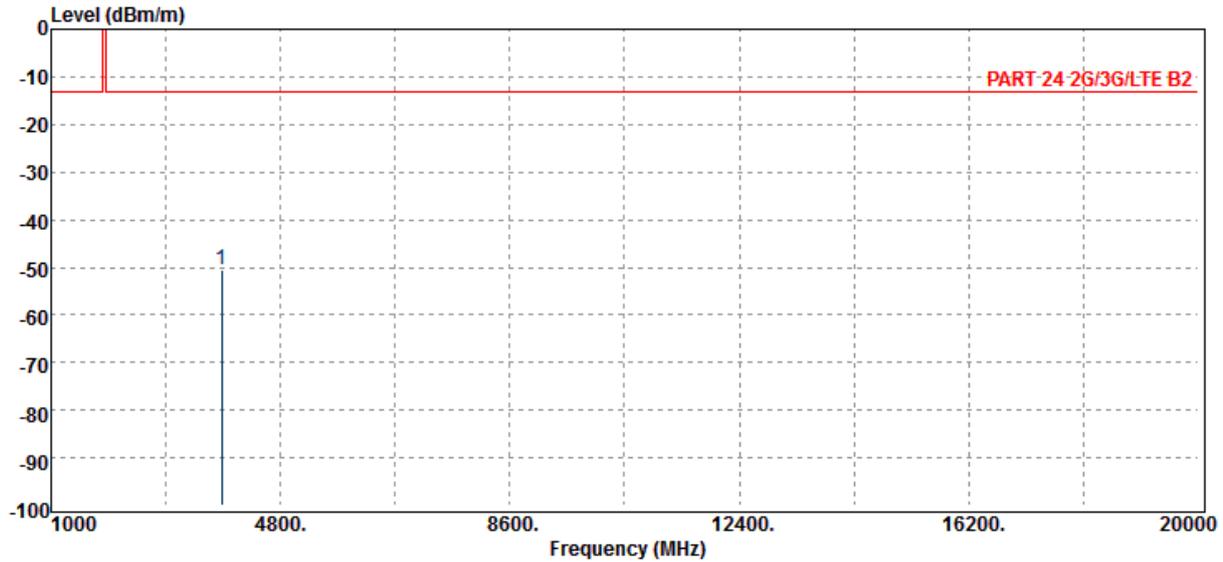
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3819.60	H	-48.90	-50.35	8.50	-7.05	-13.00	-35.90
5729.40	H	-45.89	-47.37	10.12	-8.64	-13.00	-32.89

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.

ARFCN	:CH 810	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1909.8 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3819.60	H	-50.41	-51.86	8.50	-7.05	-13.00	-37.41

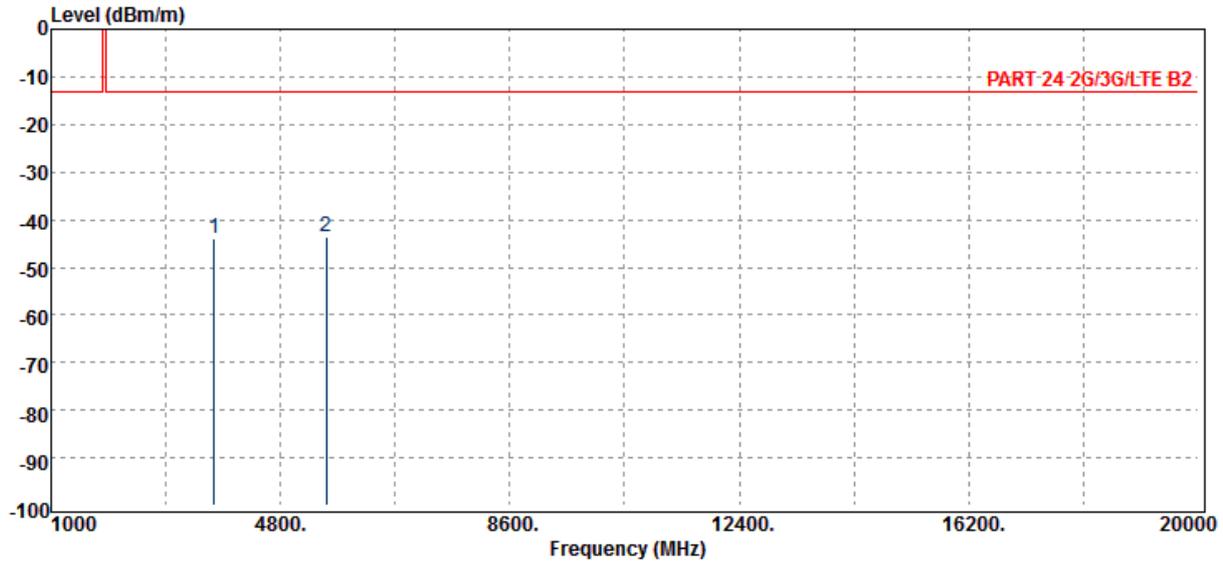
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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

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

Radiated Spurious Emission Measurement Result: HSDPA II Mode

ARFCN	:CH 9262	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1852.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



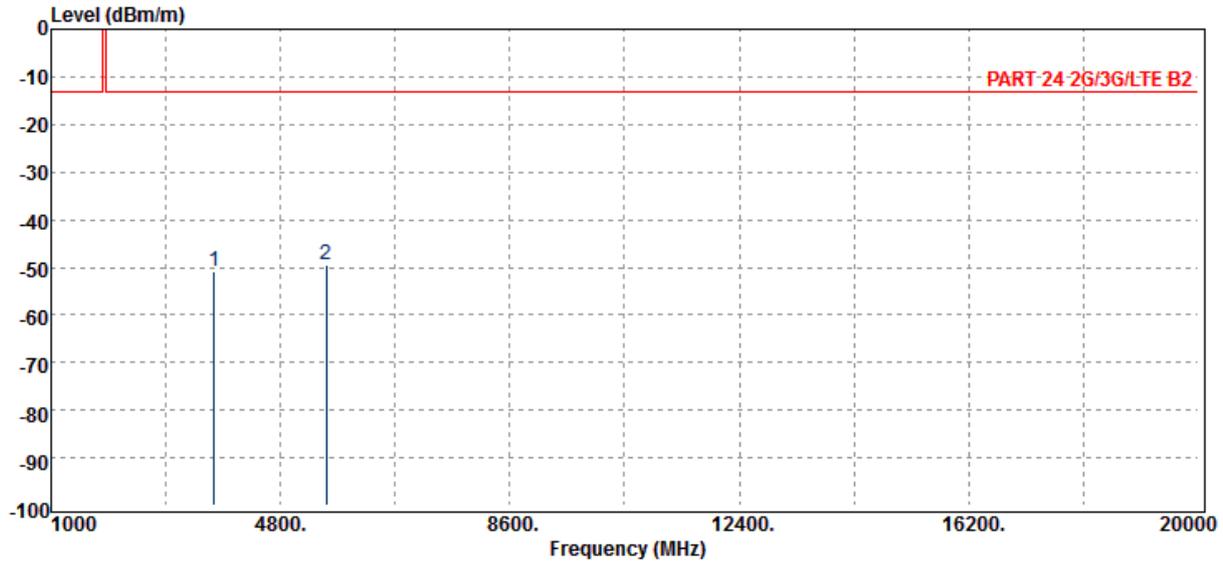
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3704.80	H	-44.07	-45.61	8.43	-6.89	-13.00	-31.07
5557.20	H	-43.69	-45.25	10.10	-8.54	-13.00	-30.69

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

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

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

ARFCN	:CH 9262	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1852.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3704.80	H	-50.93	-52.47	8.43	-6.89	-13.00	-37.93
5557.20	H	-49.55	-51.11	10.10	-8.54	-13.00	-36.55

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

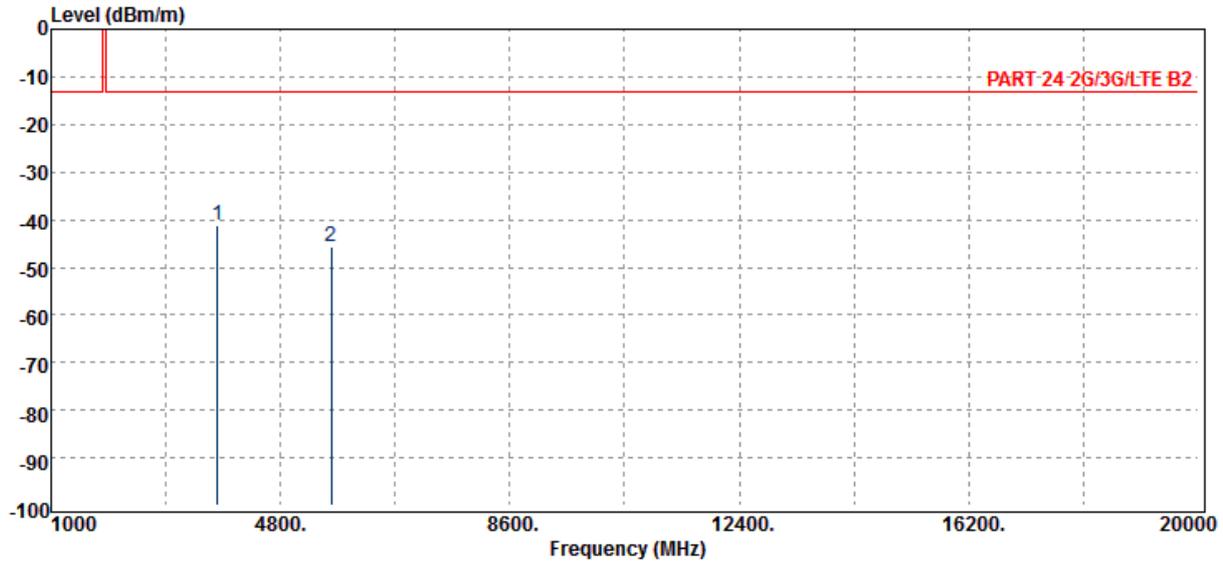
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 9400	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1880.0 MHz	Engineer	:Tin
Operation Mode	:TX MID	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3760.00	H	-41.31	-42.75	8.46	-7.02	-13.00	-28.31
5640.00	H	-45.51	-47.04	10.11	-8.59	-13.00	-32.51

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

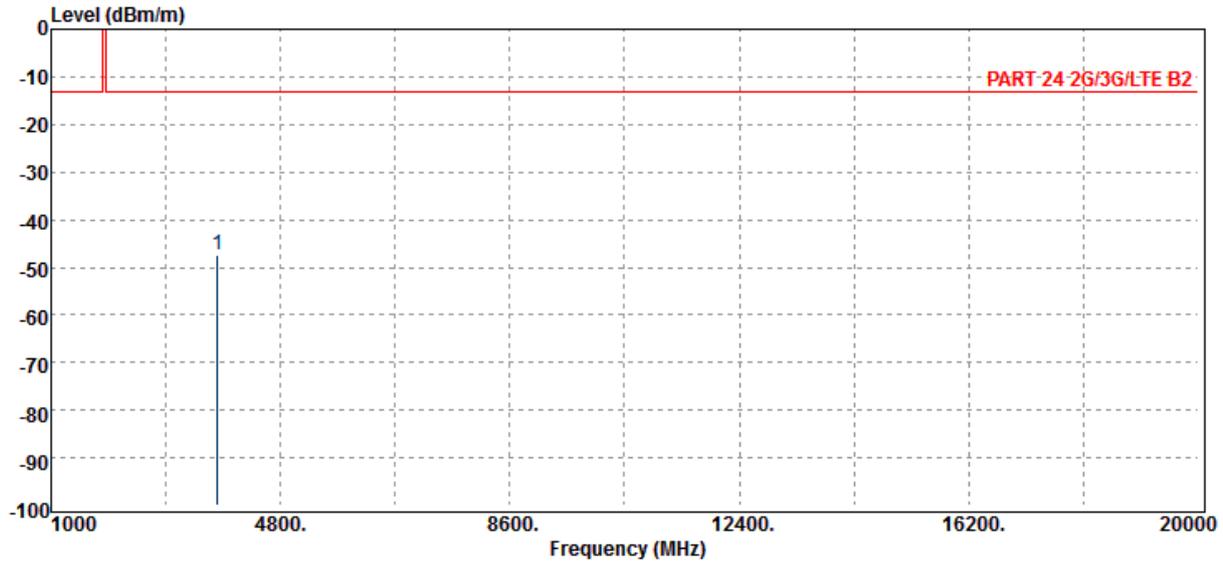
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 9400	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1880.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



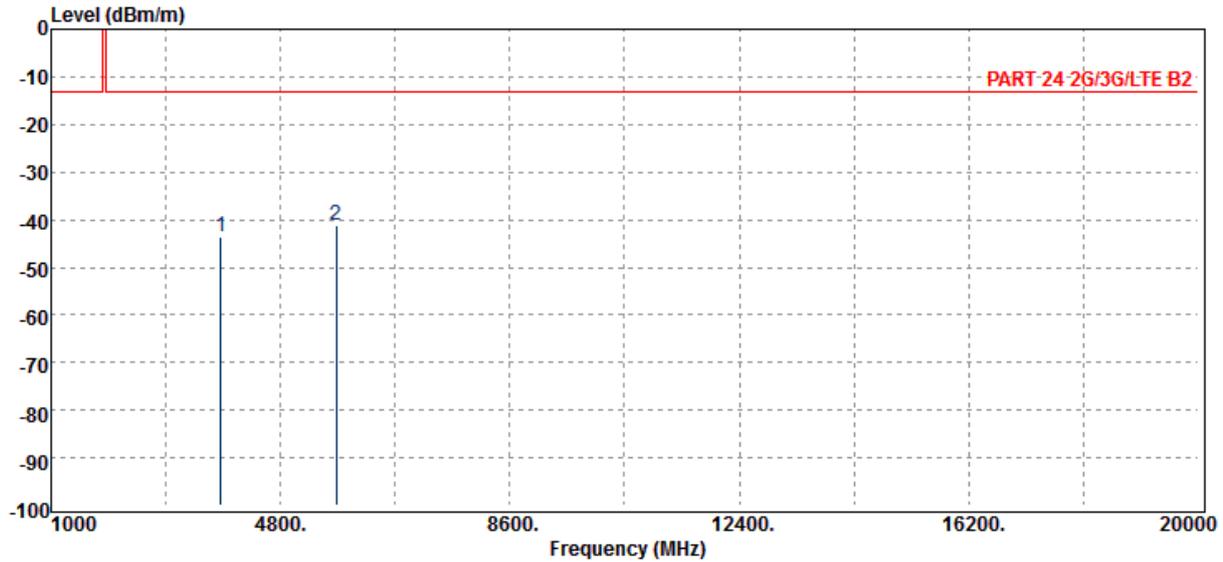
Freq.	Note	EIRP	SG	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Output Level dBm	Gain dBi	Loss dB	dBm	dB
3760.00	H	-47.27	-48.71	8.46	-7.02	-13.00	-34.27

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

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

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

ARFCN	:CH 9538	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1907.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3815.20	H	-43.70	-45.14	8.49	-7.05	-13.00	-30.70
5722.80	H	-41.20	-42.69	10.12	-8.63	-13.00	-28.20

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

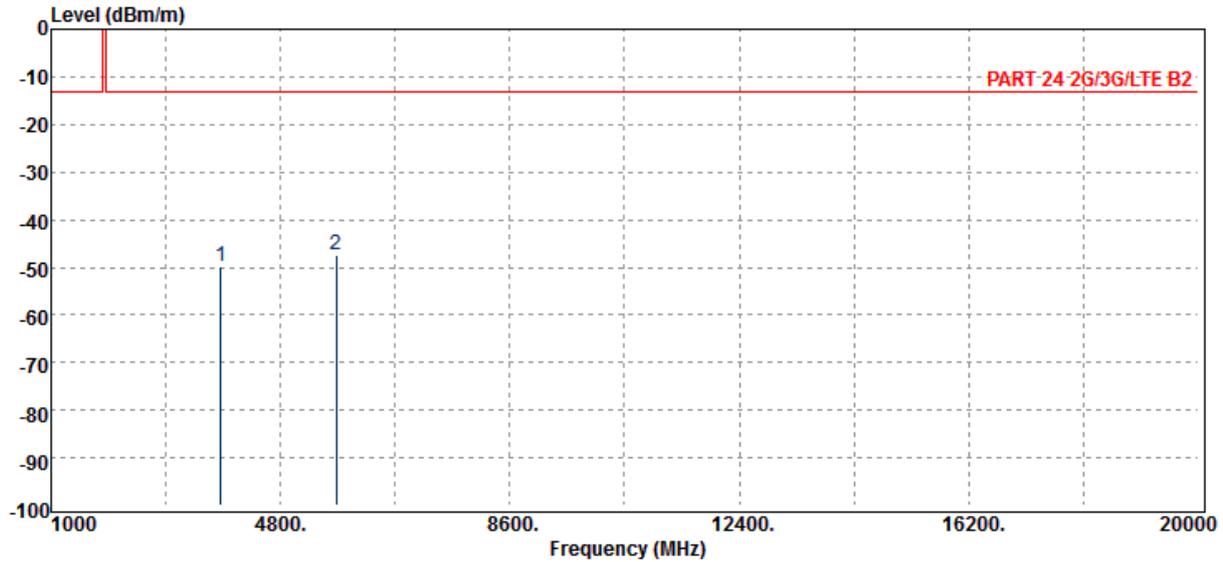
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 9538	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1907.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3815.20	H	-49.88	-51.33	8.49	-7.05	-13.00	-36.88
5722.80	H	-47.43	-48.93	10.12	-8.63	-13.00	-34.43

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

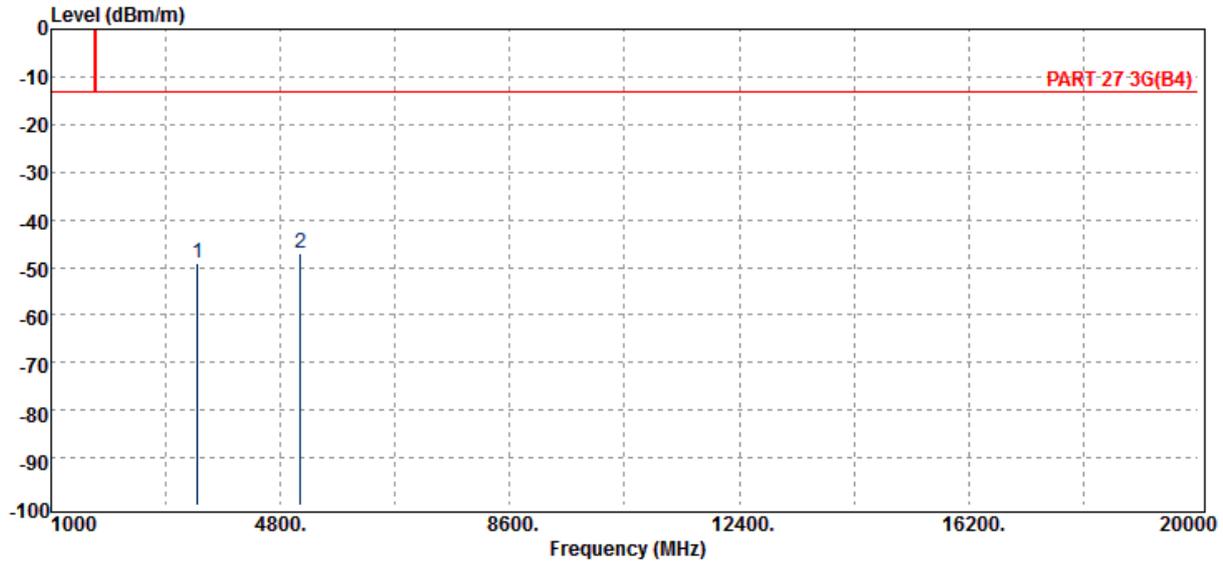
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: HSDPA IV Mode

ARFCN	:CH 1312	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1712.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3424.80	H	-49.11	-50.66	8.09	-6.54	-13.00	-36.11
5137.20	H	-47.09	-48.50	9.89	-8.48	-13.00	-34.09

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

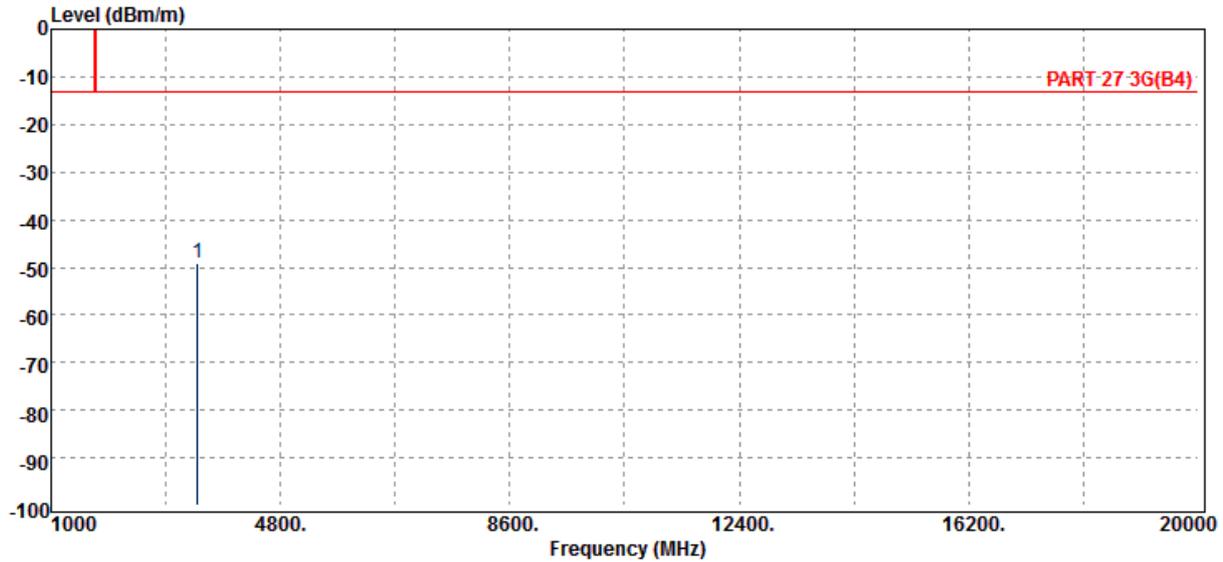
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 1312	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1712.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL

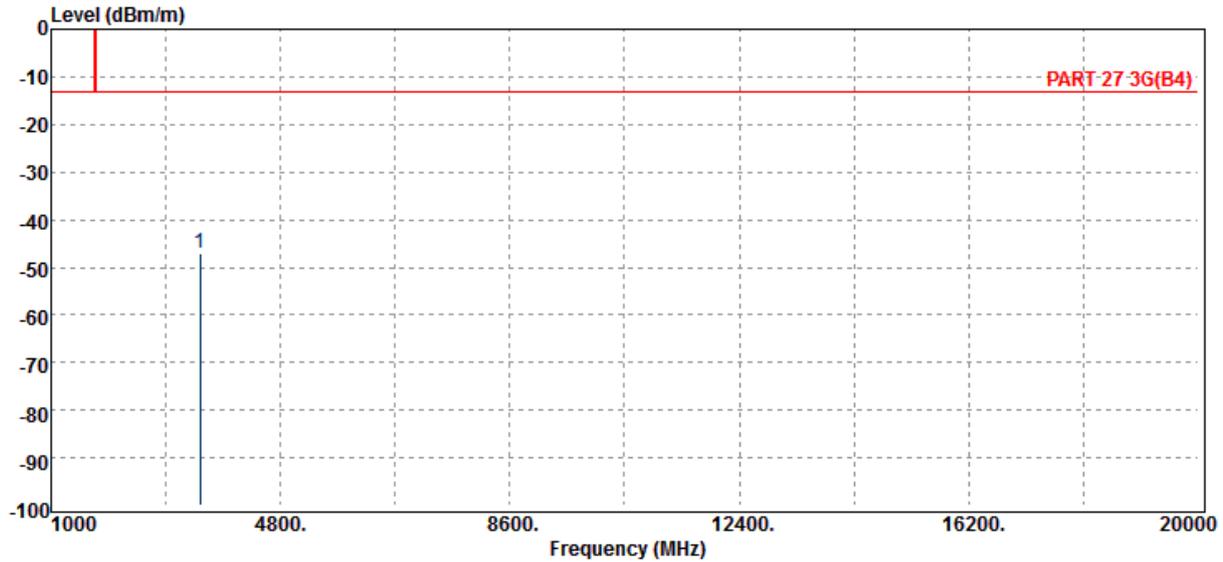


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3424.80	H	-49.29	-50.83	8.09	-6.54	-13.00	-36.29

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

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

ARFCN	:CH 1413	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1732.6 MHz	Engineer	:Tin
Operation Mode	:TX MID	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		

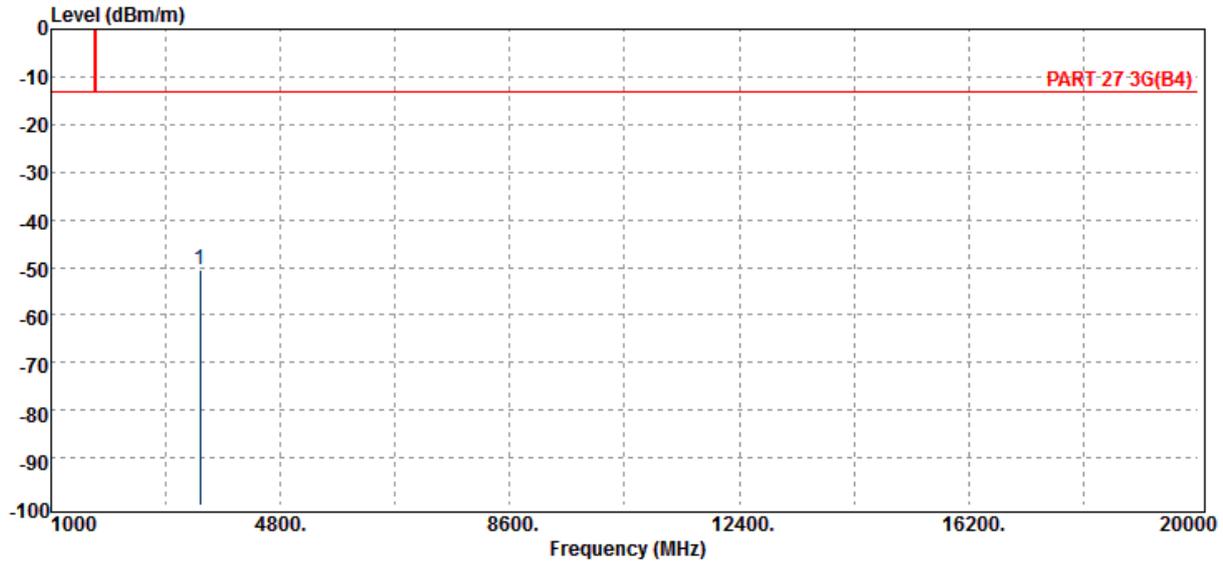


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3465.20	H	-47.17	-48.84	8.20	-6.53	-13.00	-34.17

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.

ARFCN	:CH 1413	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1732.6 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq.	Note	EIRP	SG	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Output Level dBm	Gain dBi	Loss dB	dBm	dB
3465.20	H	-50.47	-52.14	8.20	-6.53	-13.00	-37.47

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

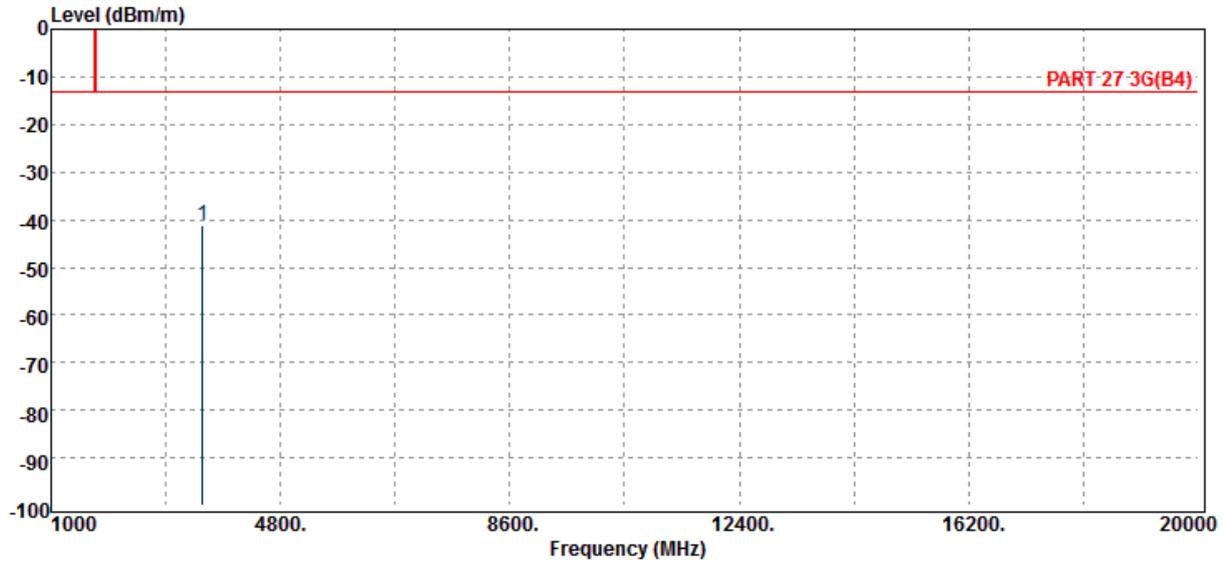
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 1513	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1752.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq.	Note	EIRP	SG	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Output Level dBm	Gain dBi	Loss dB	dBm	dB
3505.20	H	-41.26	-42.88	8.30	-6.68	-13.00	-28.26

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

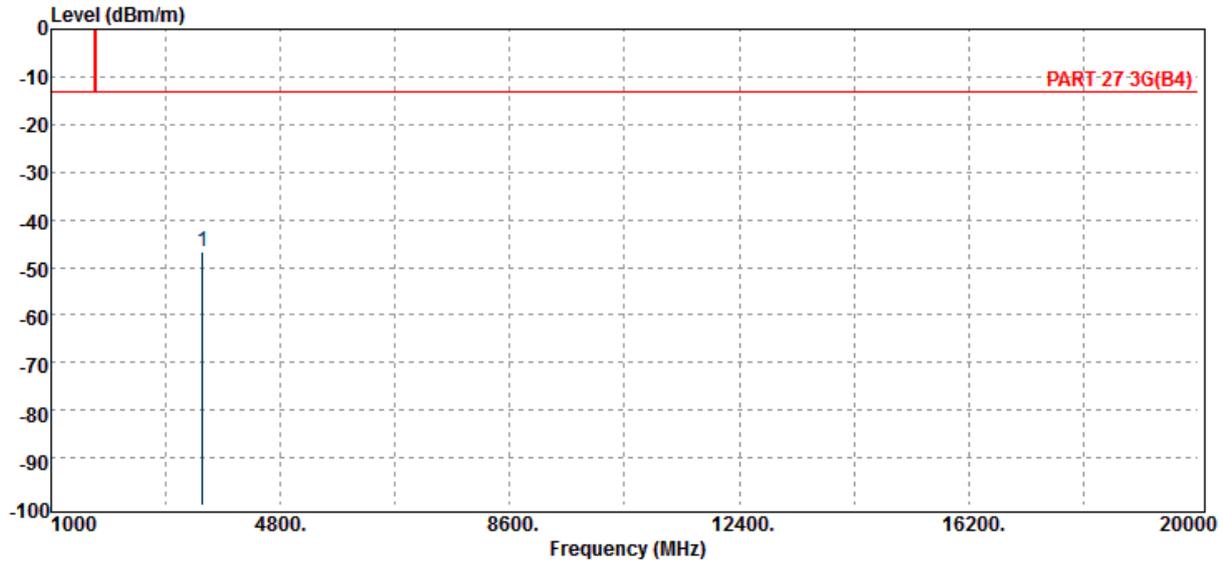
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 1513	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1752.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq.	Note	EIRP	SG	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Output Level dBm	Gain dBi	Loss dB	dBm	dB
3505.20	H	-46.59	-48.21	8.30	-6.68	-13.00	-33.59

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

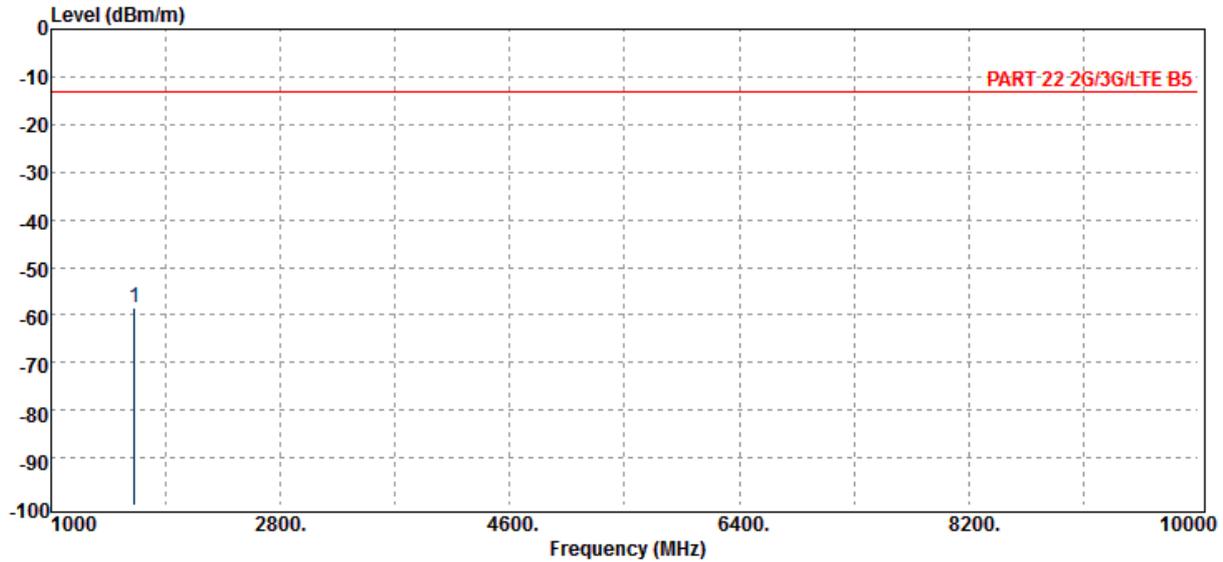
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: HSDPA V Mode

ARFCN	:CH 4132	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:826.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



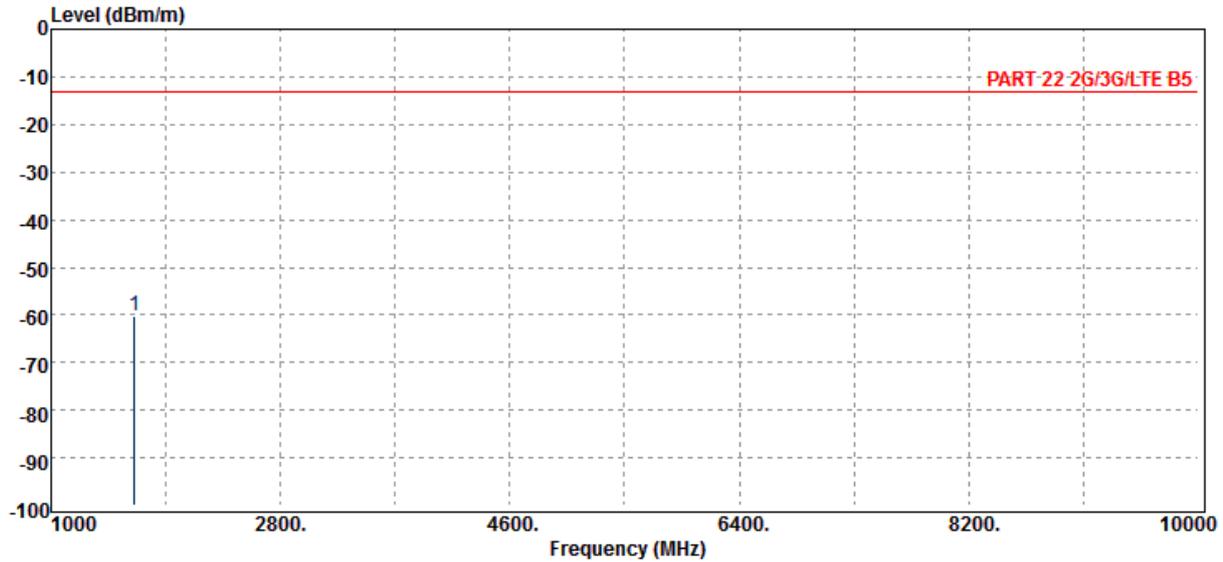
Freq.	Note	ERP	SG	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Output Level dBm	Gain dBd	Loss dB	dBm	dB
1652.80	H	-58.40	-57.23	3.05	-4.22	-13.00	-45.40

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

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

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

ARFCN	:CH 4132	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:826.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1652.80	H	-60.29	-59.12	3.05	-4.22	-13.00	-47.29

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

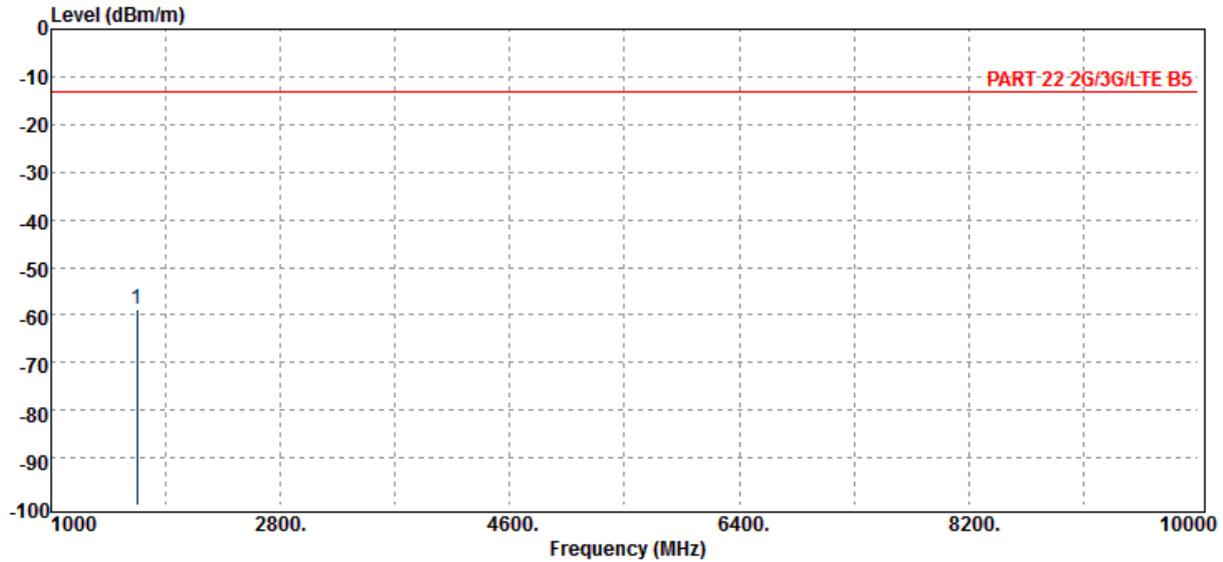
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 4183	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.6 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1673.20	H	-58.97	-57.72	3.01	-4.26	-13.00	-45.97

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

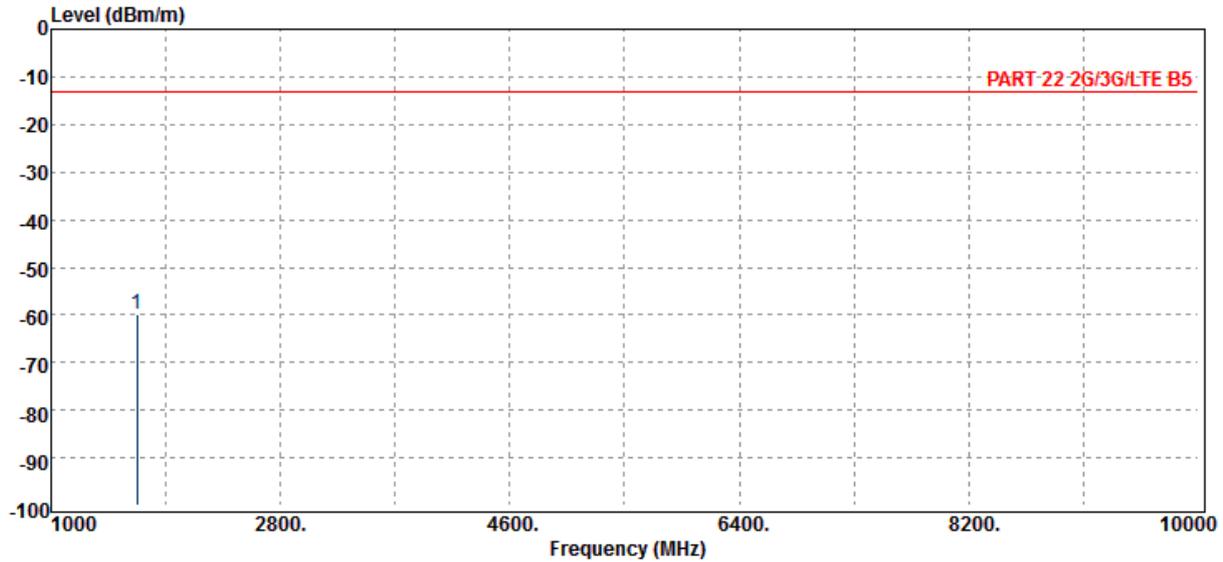
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 4183	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.6 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1673.20	H	-59.96	-58.71	3.01	-4.26	-13.00	-46.96

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

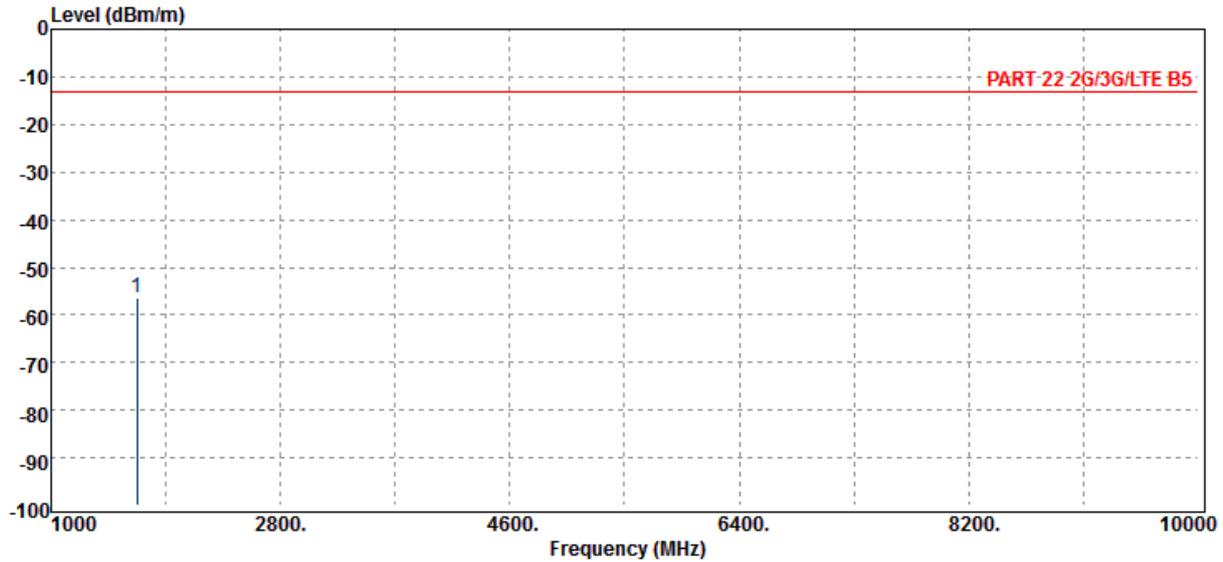
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 4233	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:846.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1673.20	H	-56.52	-55.27	3.01	-4.26	-13.00	-43.52

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

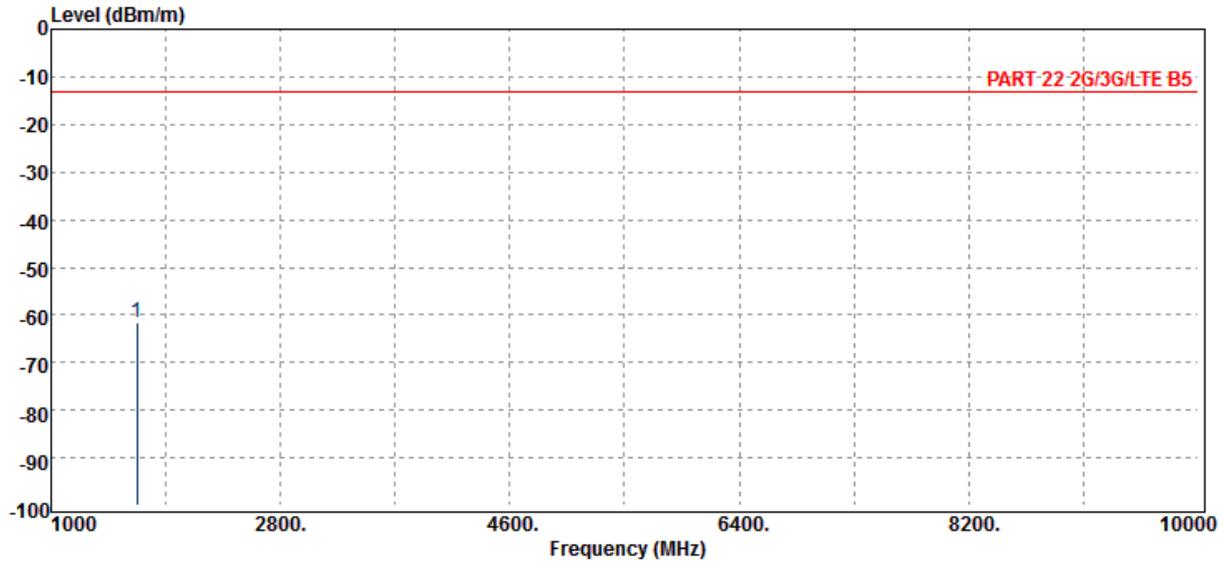
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 4233	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:846.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



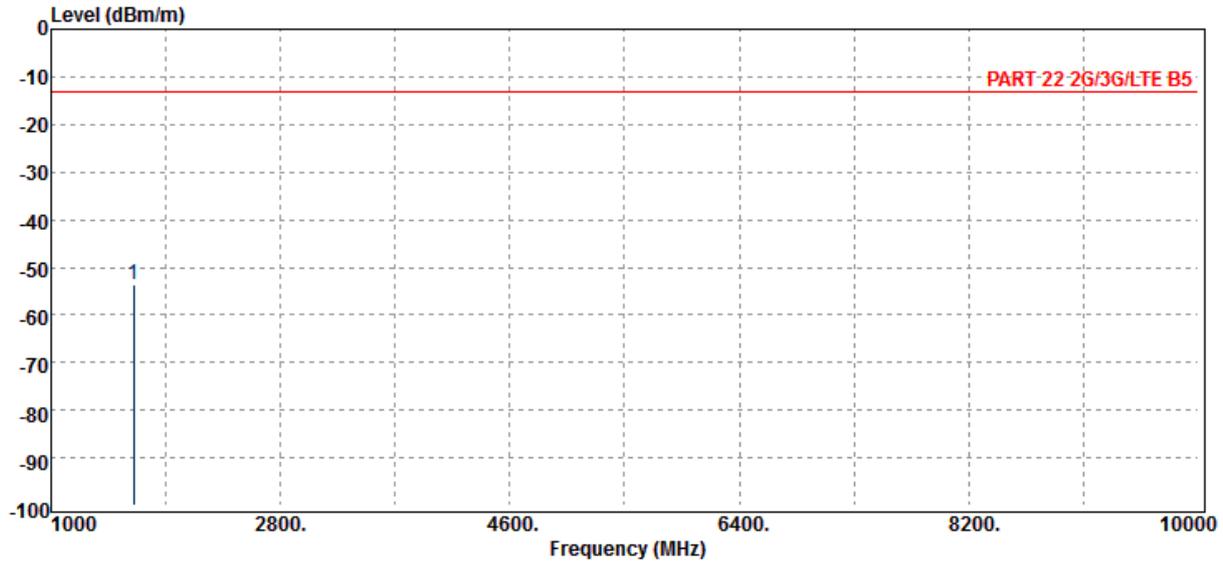
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1673.20	H	-61.47	-60.22	3.01	-4.26	-13.00	-48.47

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

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

Radiated Spurious Emission Measurement Result: CDMA BC0 Mode

ARFCN	:CH 1013	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:824.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



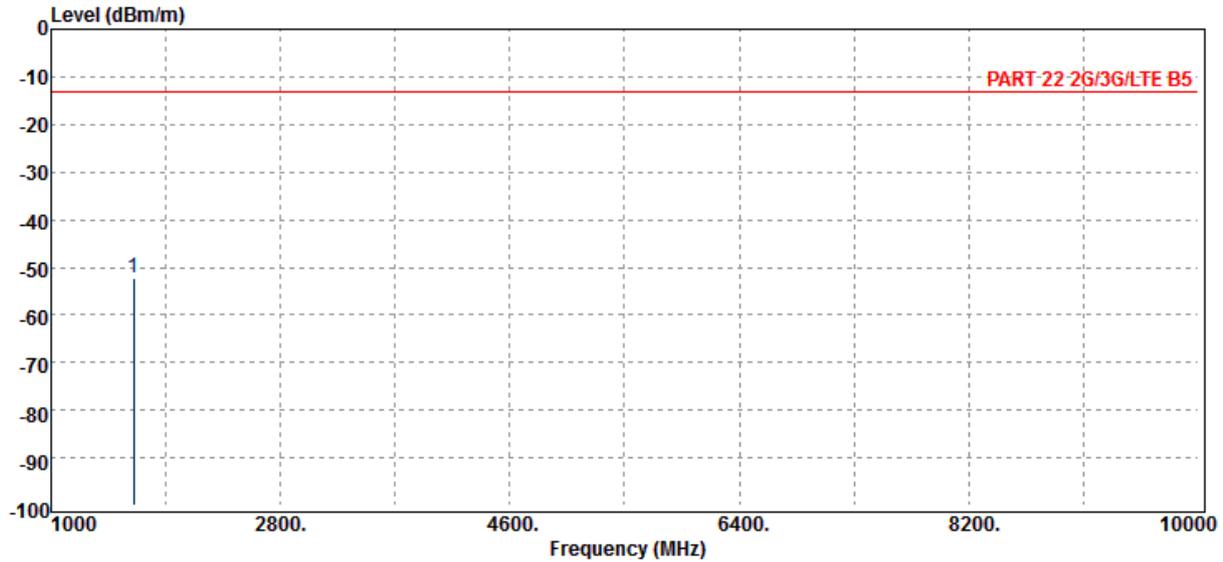
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1649.40	H	-53.62	-52.46	3.05	-4.21	-13.00	-40.62

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

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

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

ARFCN	:CH 1013	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:824.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1649.40	H	-52.33	-51.17	3.05	-4.21	-13.00	-39.33

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

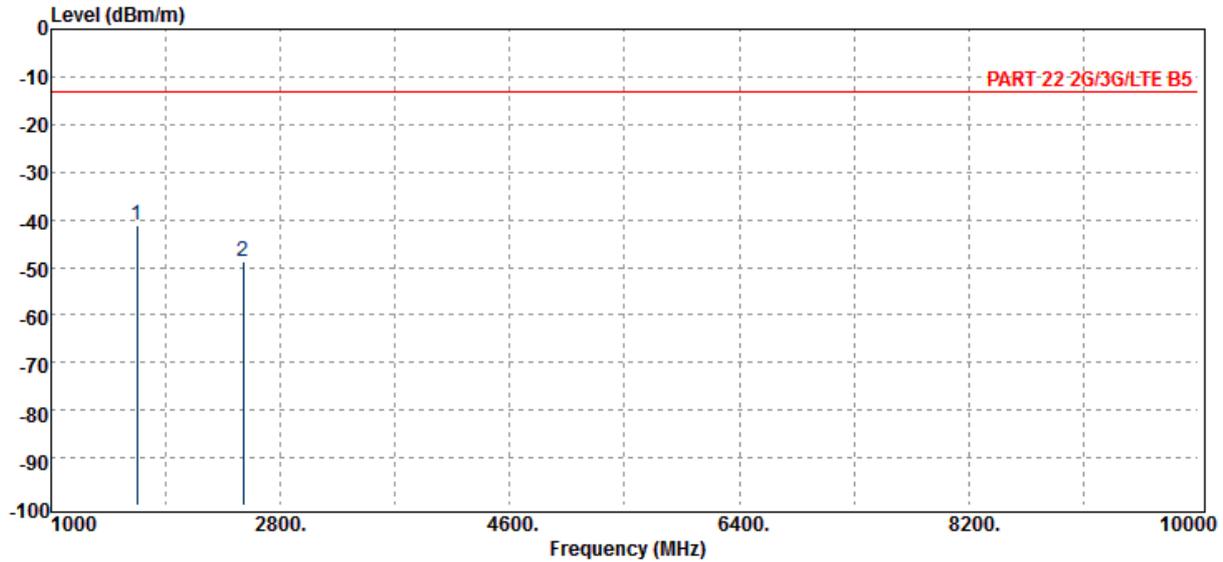
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 384	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:836.52 MHz	Engineer	:Tin
Operation Mode	:TX MID	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



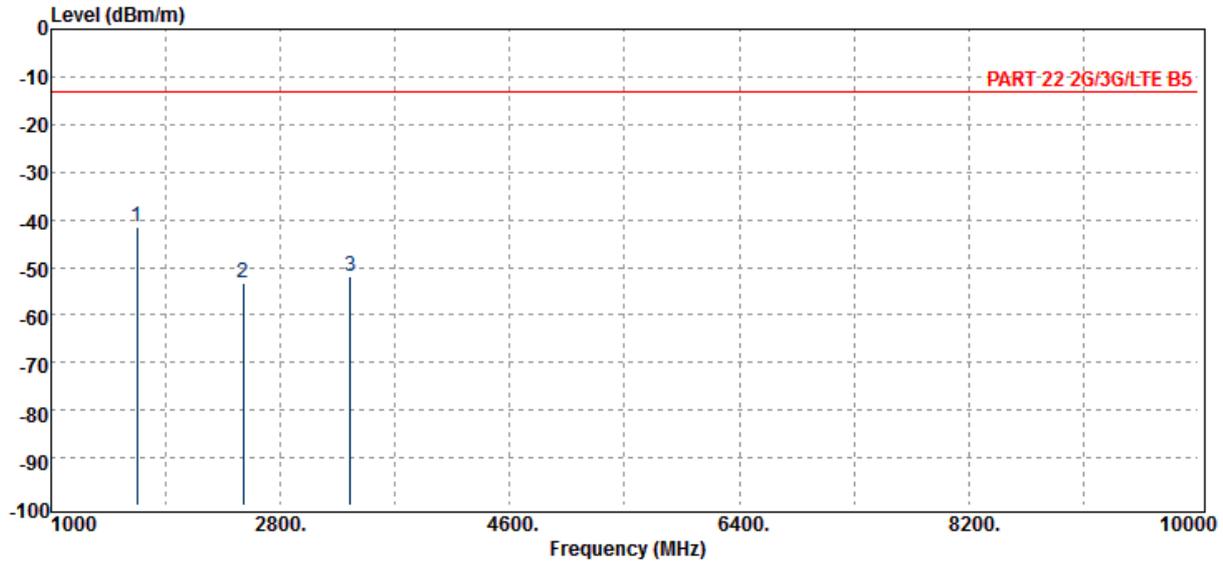
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1673.04	H	-41.17	-39.93	3.01	-4.26	-13.00	-28.17
2509.56	H	-48.88	-47.20	3.67	-5.35	-13.00	-35.88

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

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

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

ARFCN	:CH 384	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:836.52 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1673.04	H	-41.69	-40.44	3.01	-4.26	-13.00	-28.69
2509.56	H	-53.42	-51.74	3.67	-5.35	-13.00	-40.42
3346.08	H	-51.74	-51.20	5.71	-6.25	-13.00	-38.74

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

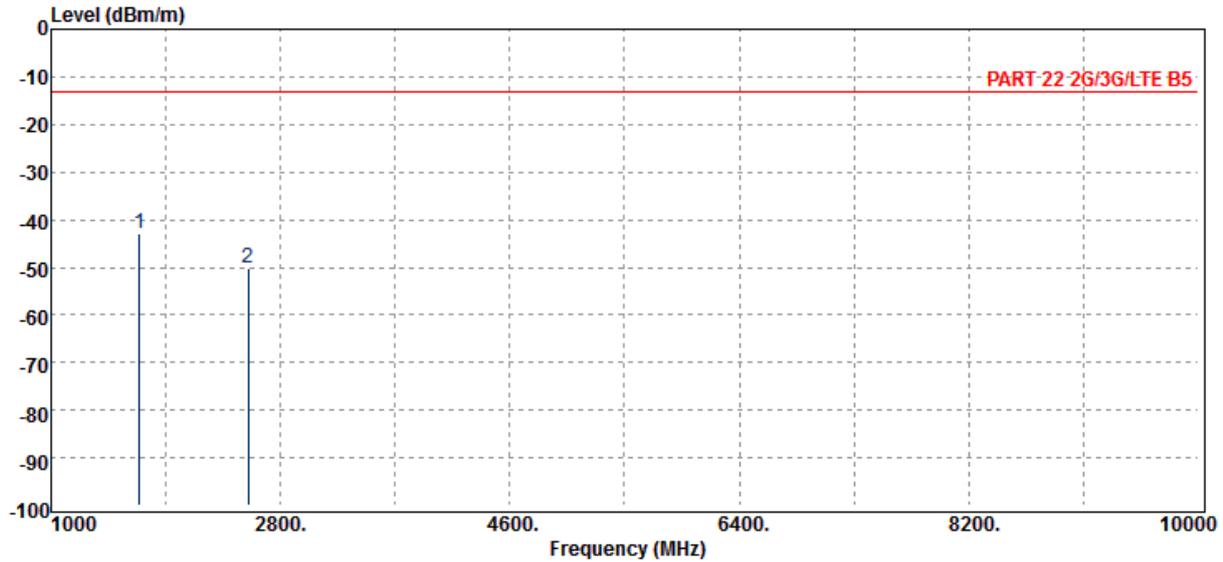
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 777	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:848.31 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1696.62	H	-42.95	-41.64	2.96	-4.28	-13.00	-29.95
2544.93	H	-50.05	-48.39	3.75	-5.41	-13.00	-37.05

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

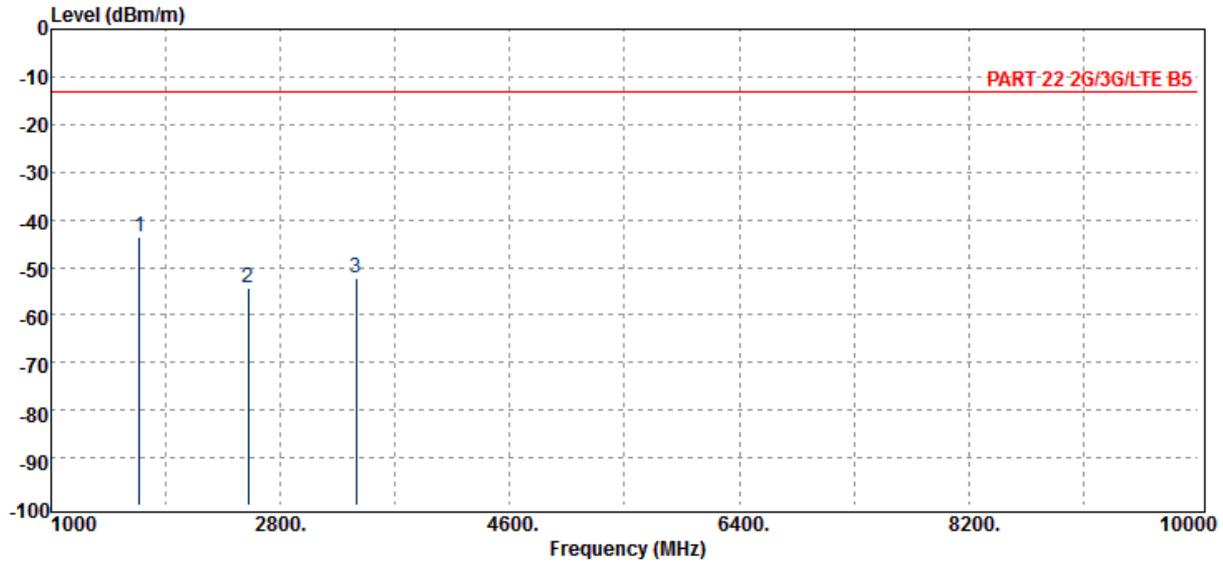
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 777	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:848.31 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1696.62	H	-43.73	-42.42	2.96	-4.28	-13.00	-30.73
2544.93	H	-54.36	-52.70	3.75	-5.41	-13.00	-41.36
3393.24	H	-52.33	-51.72	5.85	-6.46	-13.00	-39.33

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

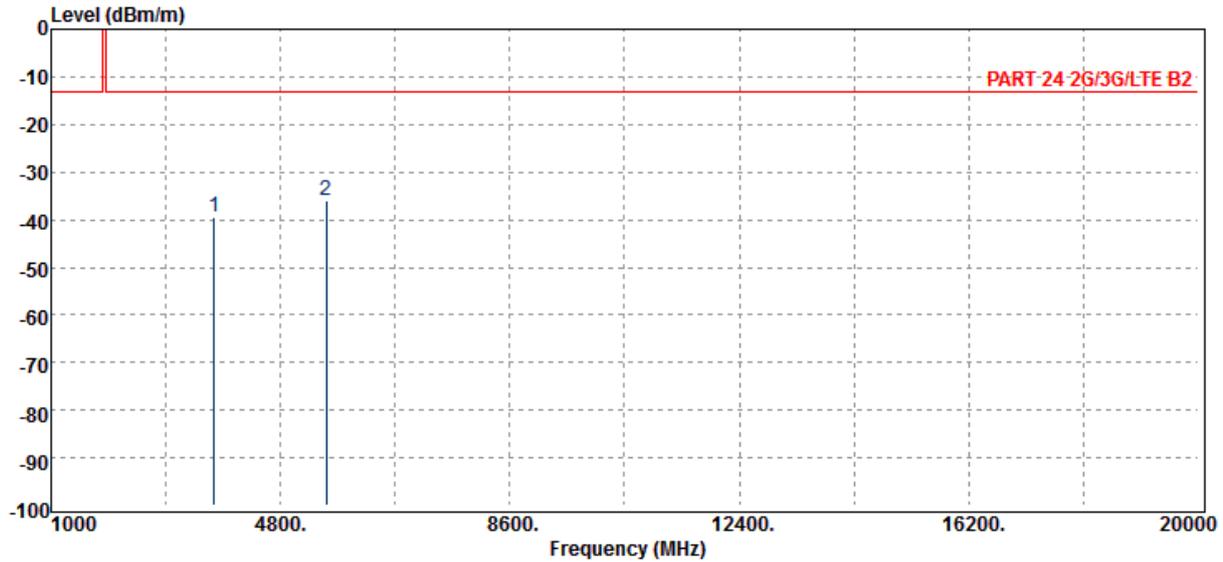
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: CDMA BC1 Mode

ARFCN	:CH 25	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1851.25 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



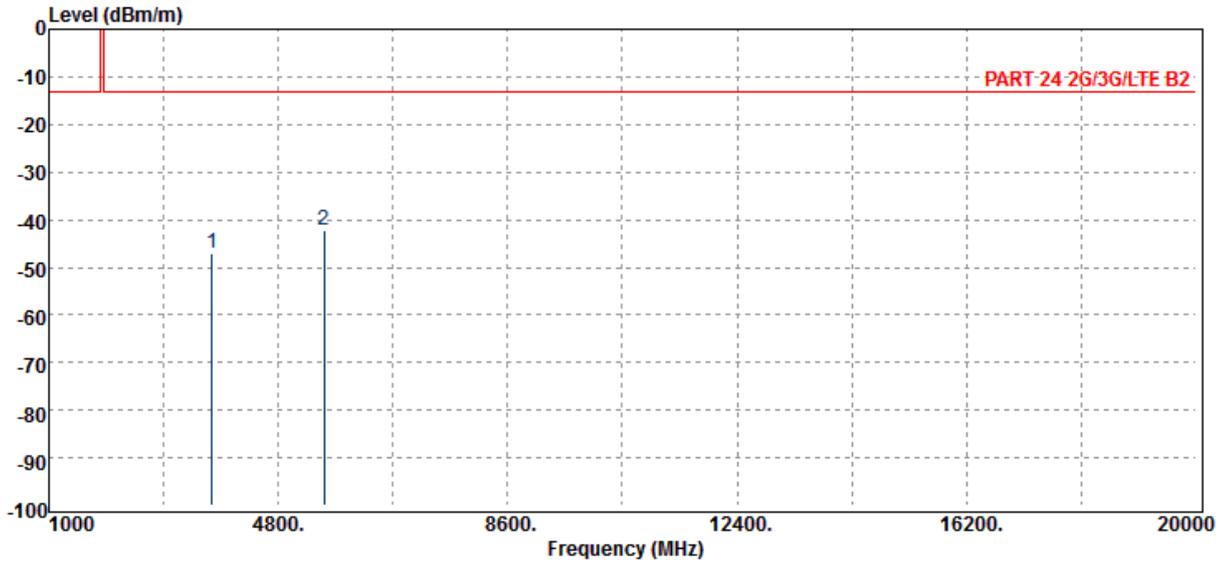
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3702.50	S	-39.34	-40.88	8.43	-6.88	-13.00	-26.34
5553.75	S	-36.05	-37.61	10.10	-8.54	-13.00	-23.05

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.

ARFCN	:CH 25	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1851.25 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



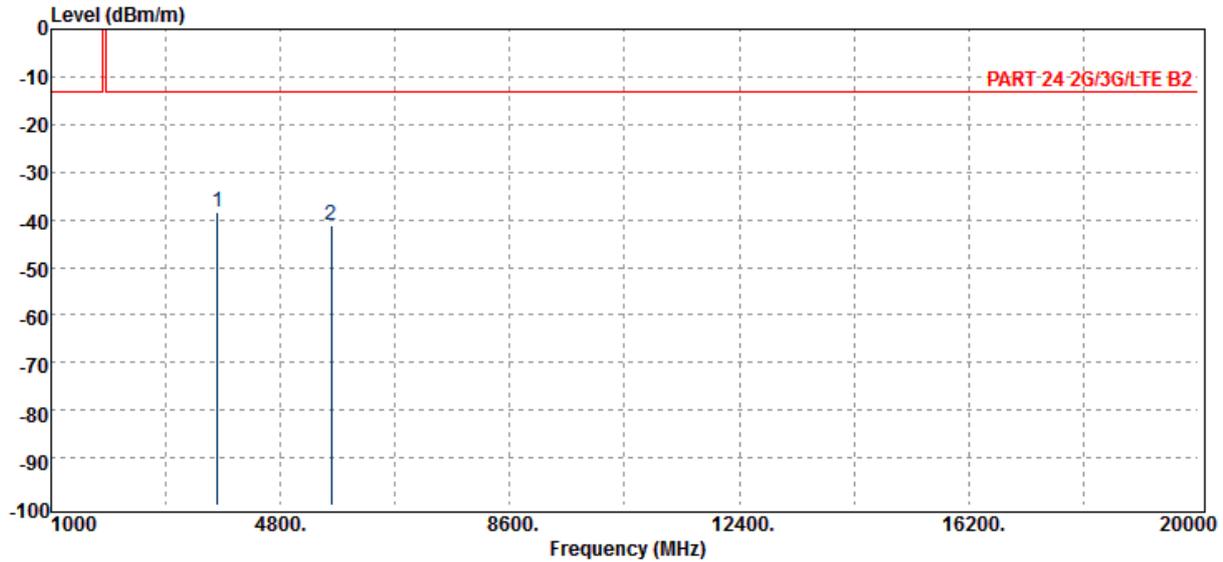
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3702.50	S	-47.21	-48.75	8.43	-6.88	-13.00	-34.21
5553.75	S	-42.08	-43.64	10.10	-8.54	-13.00	-29.08

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.

ARFCN	:CH 600	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1880 MHz	Engineer	:Tin
Operation Mode	:TX MID	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3760.00	S	-38.44	-39.88	8.46	-7.02	-13.00	-25.44
5640.00	S	-41.01	-42.54	10.11	-8.59	-13.00	-28.01

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

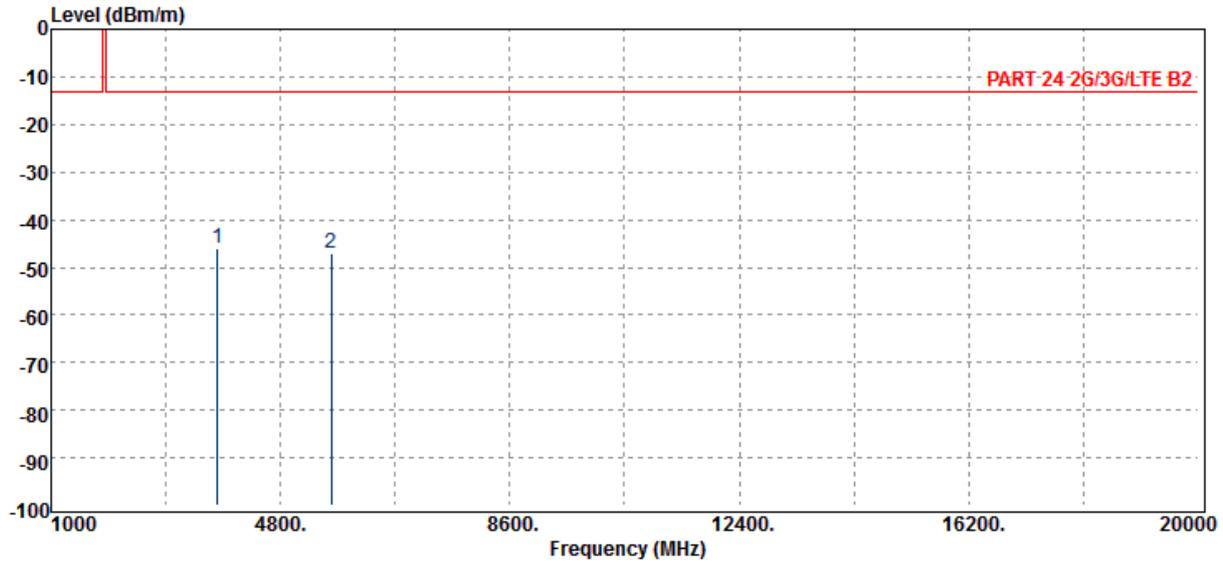
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 600	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1880 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL

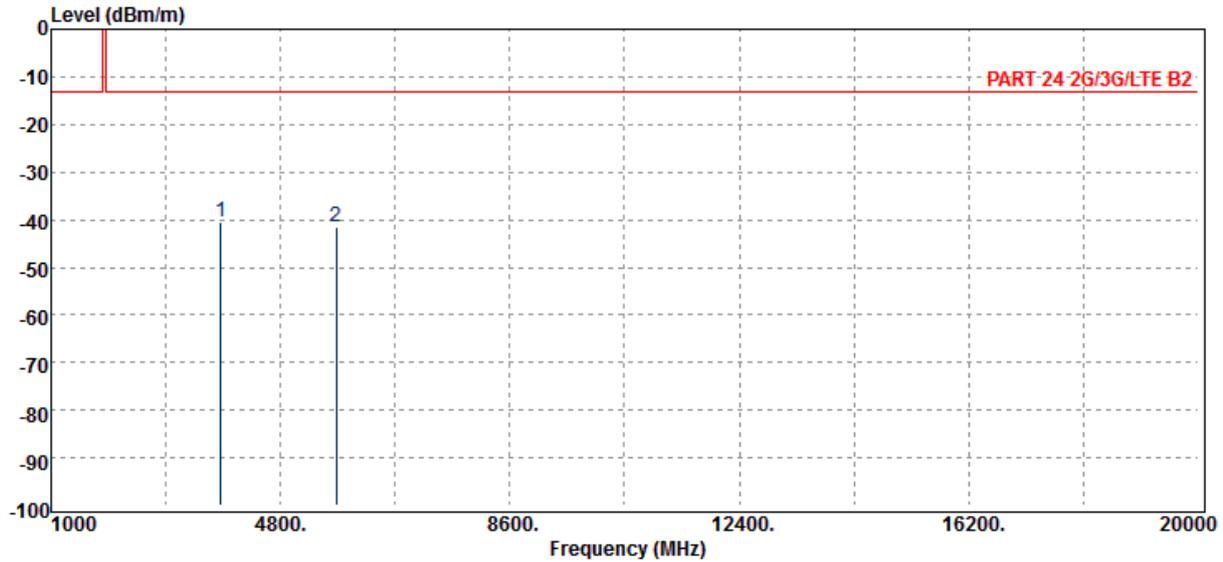


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3760.00	S	-46.07	-47.51	8.46	-7.02	-13.00	-33.07
5640.00	S	-47.14	-48.66	10.11	-8.59	-13.00	-34.14

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

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

ARFCN	:CH 1175	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1908.75 MHz	Engineer	:Tin
Operation Mode	:TX HIGH	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		

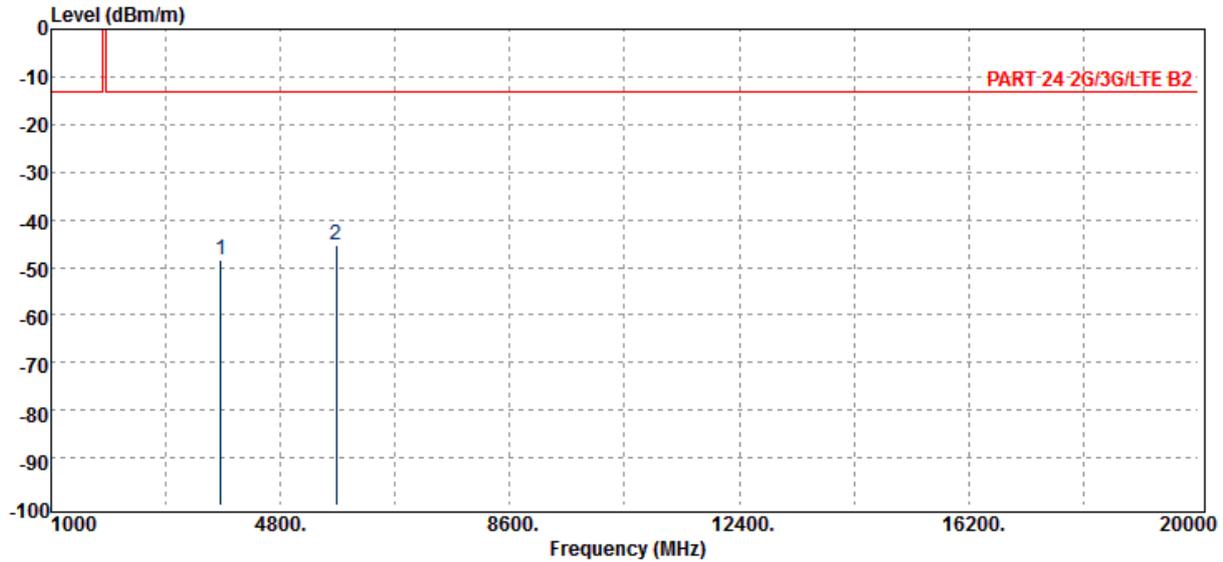


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3817.50	S	-40.47	-41.92	8.50	-7.05	-13.00	-27.47
5726.25	S	-41.38	-42.86	10.12	-8.63	-13.00	-28.38

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.

ARFCN	:CH 1175	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1908.75 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



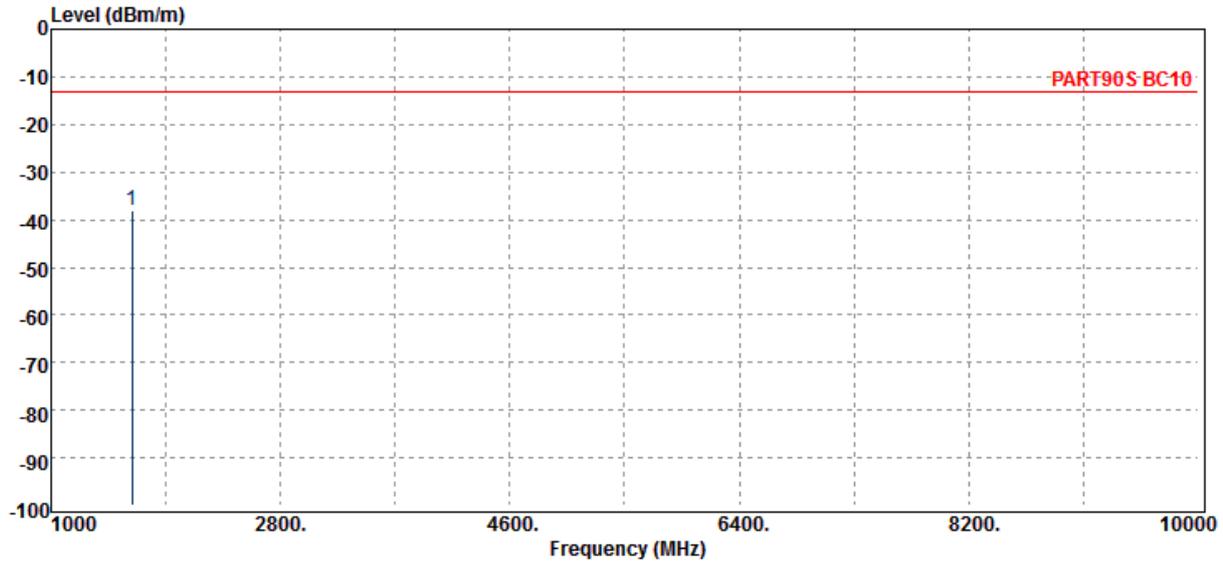
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3817.50	S	-48.28	-49.73	8.50	-7.05	-13.00	-35.28
5726.25	S	-45.29	-46.78	10.12	-8.63	-13.00	-32.29

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

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

Radiated Spurious Emission Measurement Result: CDMA BC10 Mode

ARFCN	:CH 476	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:817.9 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

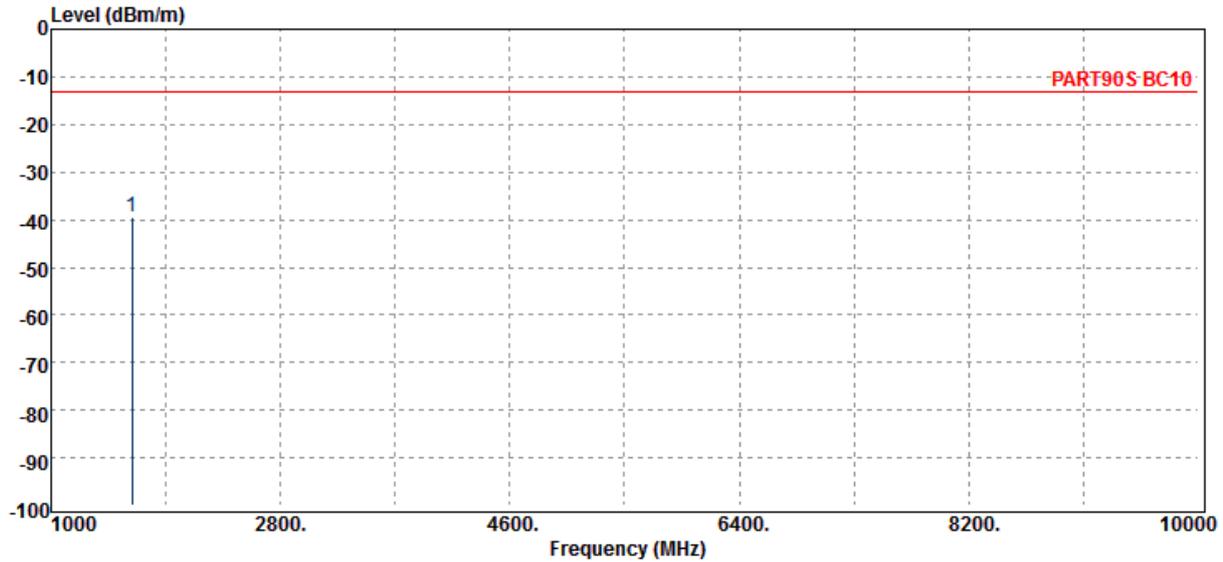


Freq.	Note	ERP	SG	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Output Level dBm	Gain dBd	Loss dB	dBm	dB
1635.80	H	-37.90	-36.79	3.08	-4.19	-13.00	-24.90

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

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

ARFCN	:CH 476	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:817.9 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1635.80	H	-39.37	-38.26	3.08	-4.19	-13.00	-26.37

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

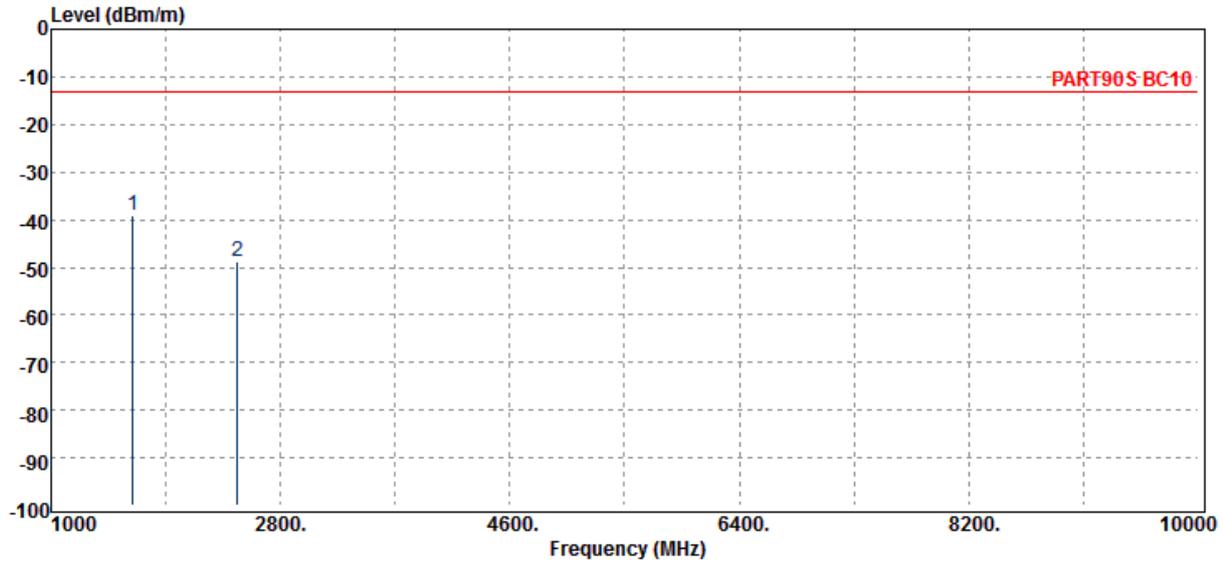
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 580	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:820.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

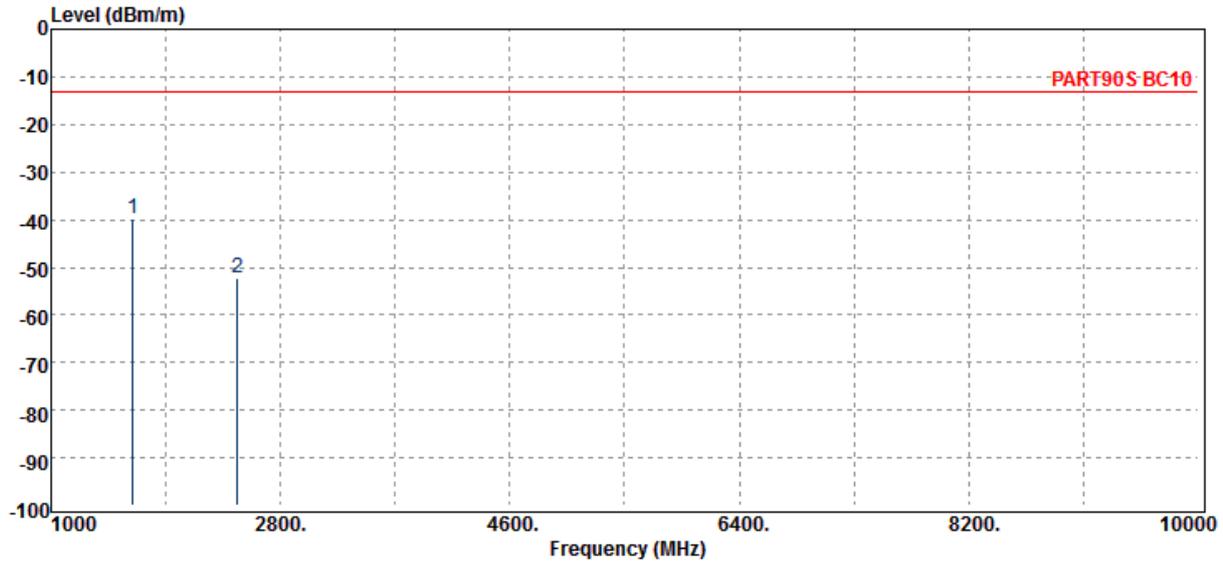


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1641.00	H	-39.14	-38.01	3.07	-4.20	-13.00	-26.14
2461.50	H	-48.68	-46.94	3.57	-5.31	-13.00	-35.68

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.

ARFCN	:CH 580	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:820.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1641.00	H	-39.72	-38.59	3.07	-4.20	-13.00	-26.72
2461.50	H	-52.29	-50.55	3.57	-5.31	-13.00	-39.29

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

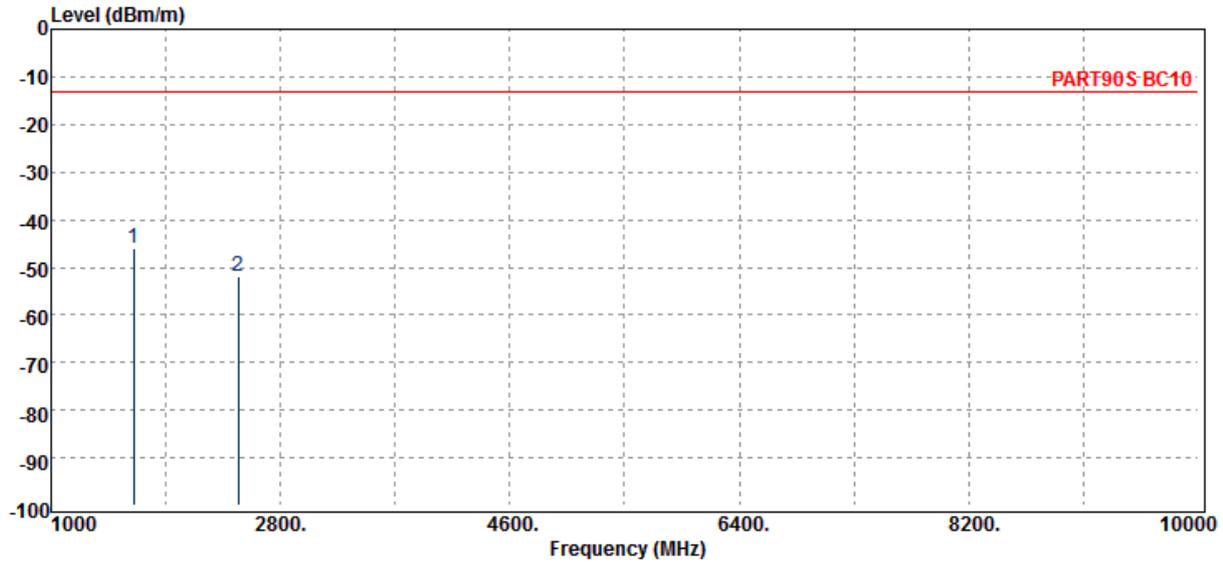
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 684	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:823.1 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

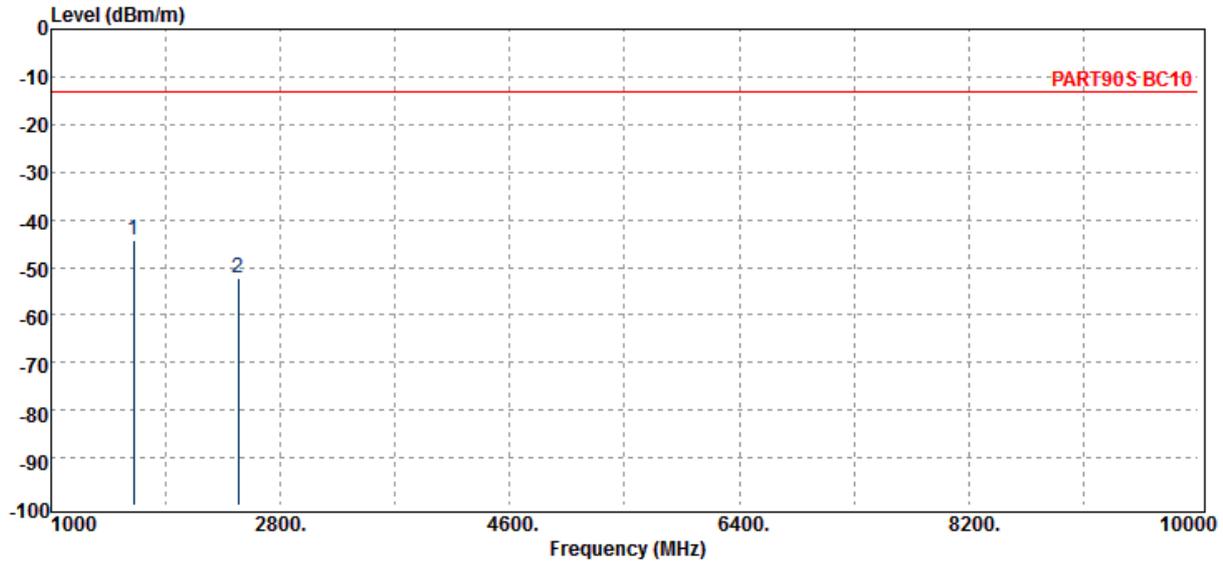


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1646.20	H	-46.06	-44.91	3.06	-4.21	-13.00	-33.06
2469.30	H	-51.87	-50.14	3.58	-5.32	-13.00	-38.87

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.

ARFCN	:CH 684	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:823.1 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



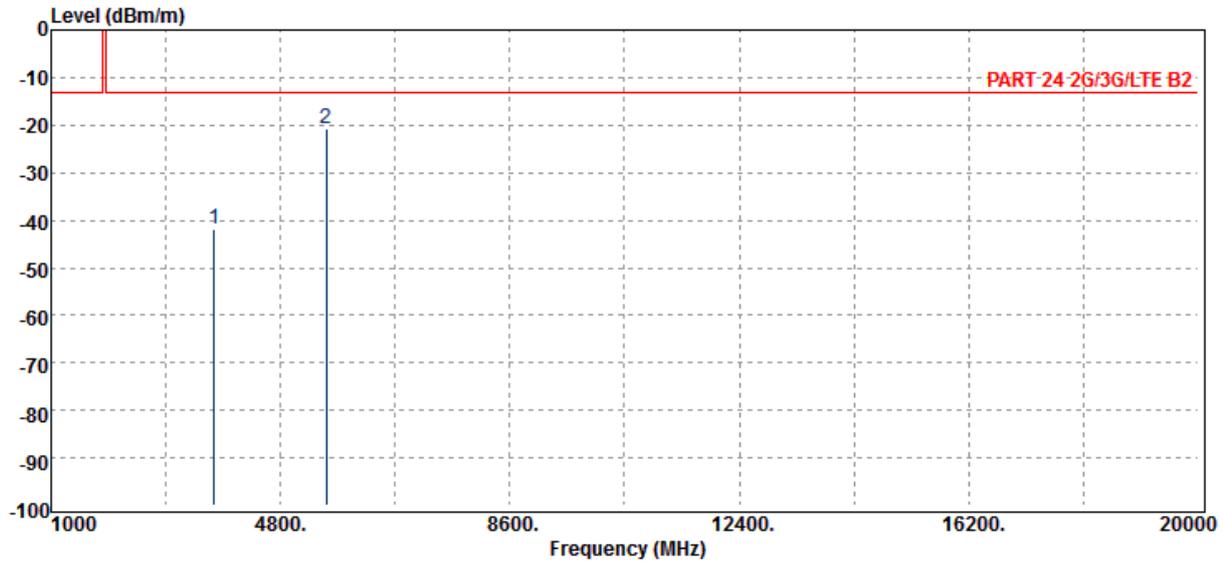
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1646.20	H	-44.24	-43.09	3.06	-4.21	-13.00	-31.24
2469.30	H	-52.36	-50.63	3.58	-5.32	-13.00	-39.36

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.

Radiated Spurious Emission Measurement Result: 1.4MHz BW LTE-Band 2(The Worst Case)

ARFCN	:CH 18607 16QAM BW	Test Date	:2015-08-28
	1.4 RB 1 0		
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1850.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq.	Note	EIRP	SG	Antenna	Cable	Limit	Safe
MHz	F/H/E/S	dBm	Output Level dBm	Gain dBi	Loss dB	dBm	Margin dB
3701.40	H	-41.92	-43.46	8.43	-6.88	-13.00	-28.92
5552.10	H	-20.90	-22.46	10.10	-8.55	-13.00	-7.90

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

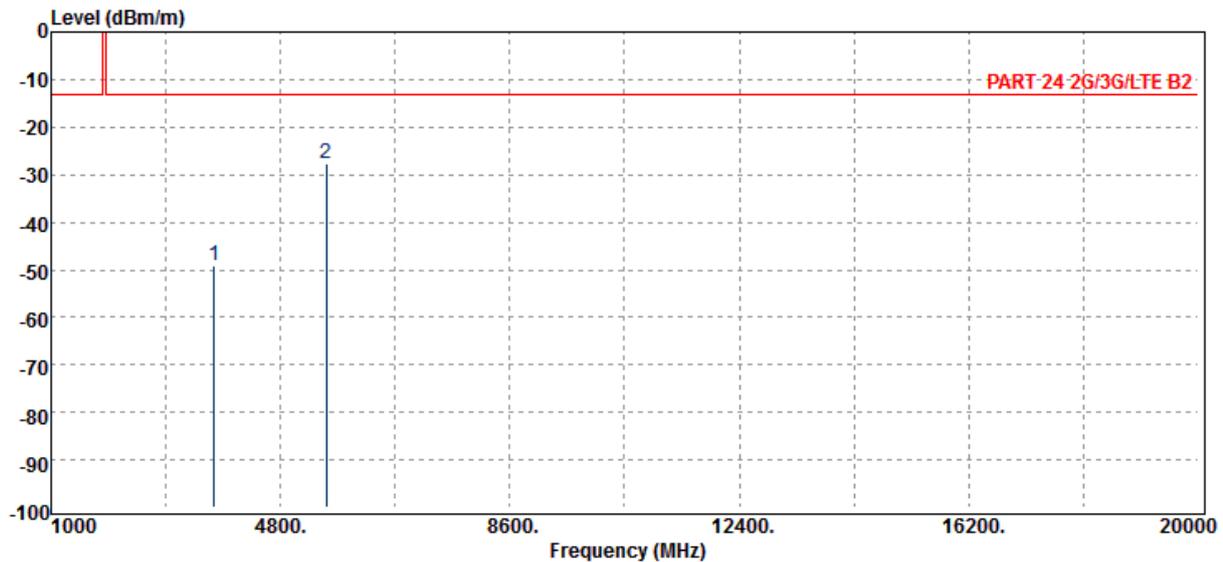
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 18607 16QAM BW	Test Date	:2015-08-28
	1.4 RB 1 0		
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1850.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3701.40	H	-49.11	-50.65	8.43	-6.88	-13.00	-36.11
5552.10	H	-27.69	-29.25	10.10	-8.55	-13.00	-14.69

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

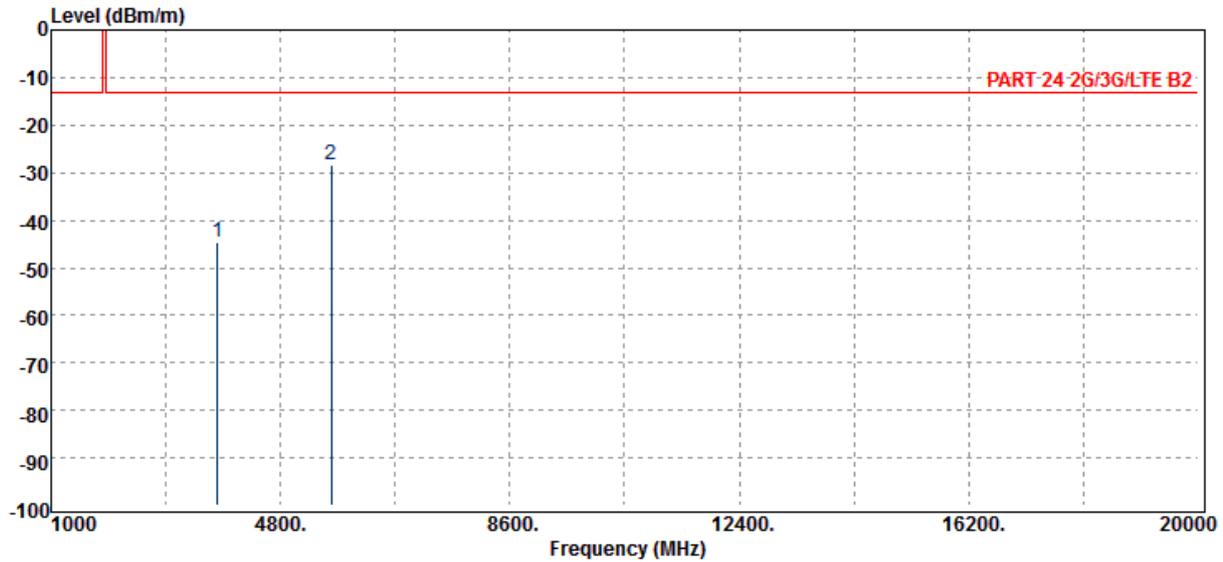
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 18900 QPSK BW 1.4 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1880 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3760.00	H	-44.59	-46.03	8.46	-7.02	-13.00	-31.59
5640.00	H	-28.29	-29.81	10.11	-8.59	-13.00	-15.29

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

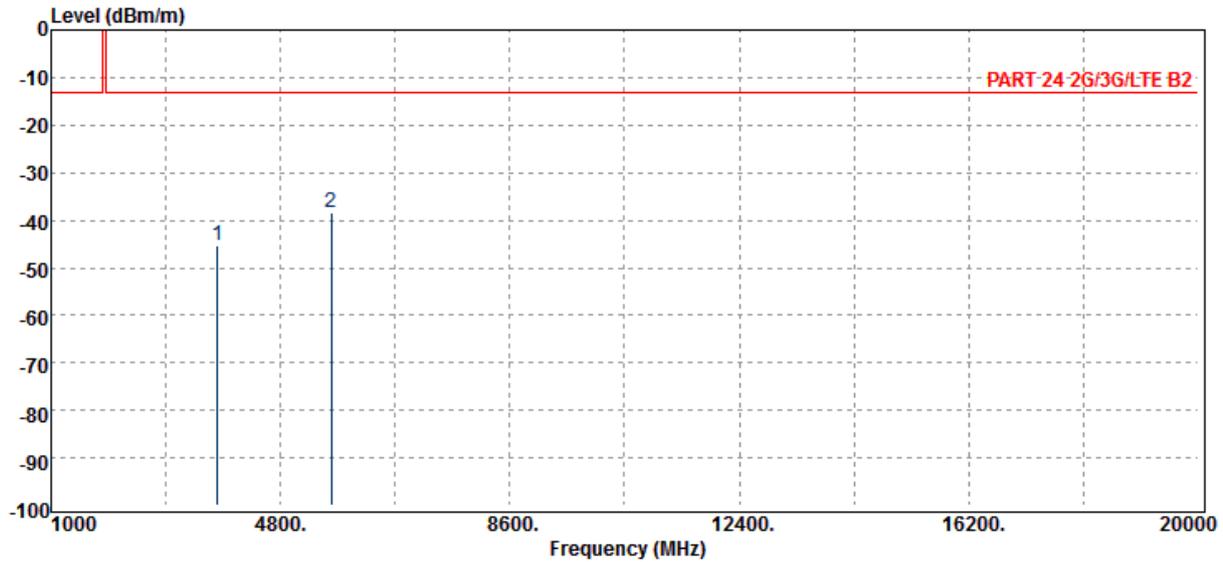
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 18900 QPSK BW 1.4 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1880 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



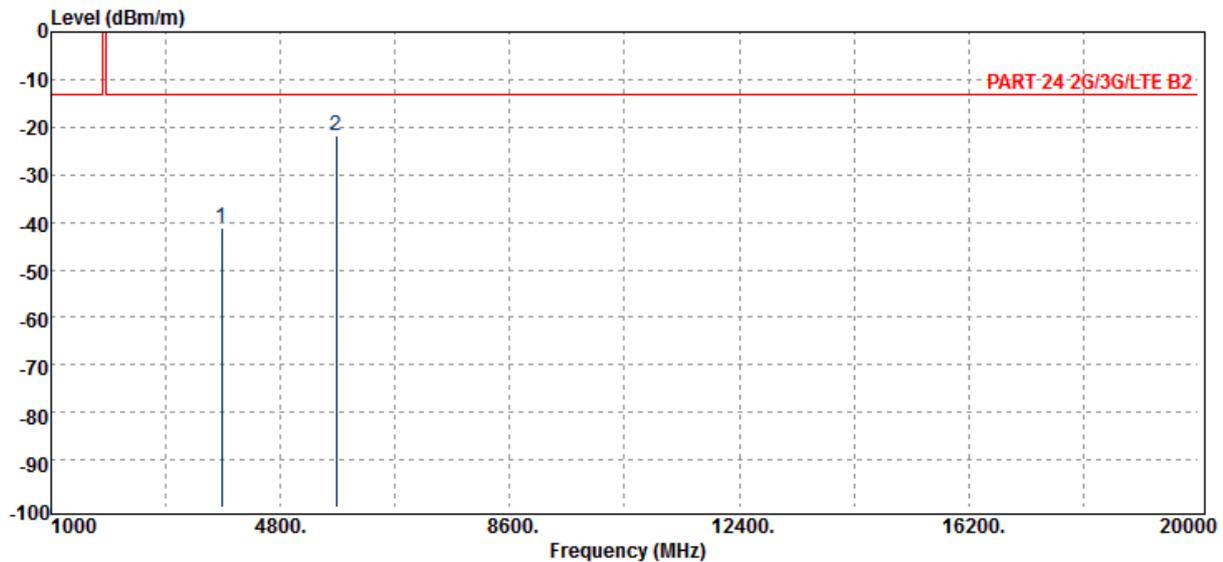
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3760.00	H	-45.38	-46.82	8.46	-7.02	-13.00	-32.38
5640.00	H	-38.32	-39.84	10.11	-8.59	-13.00	-25.32

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

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

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

ARFCN	:CH 19193 QPSK BW 1.4 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1909.3 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

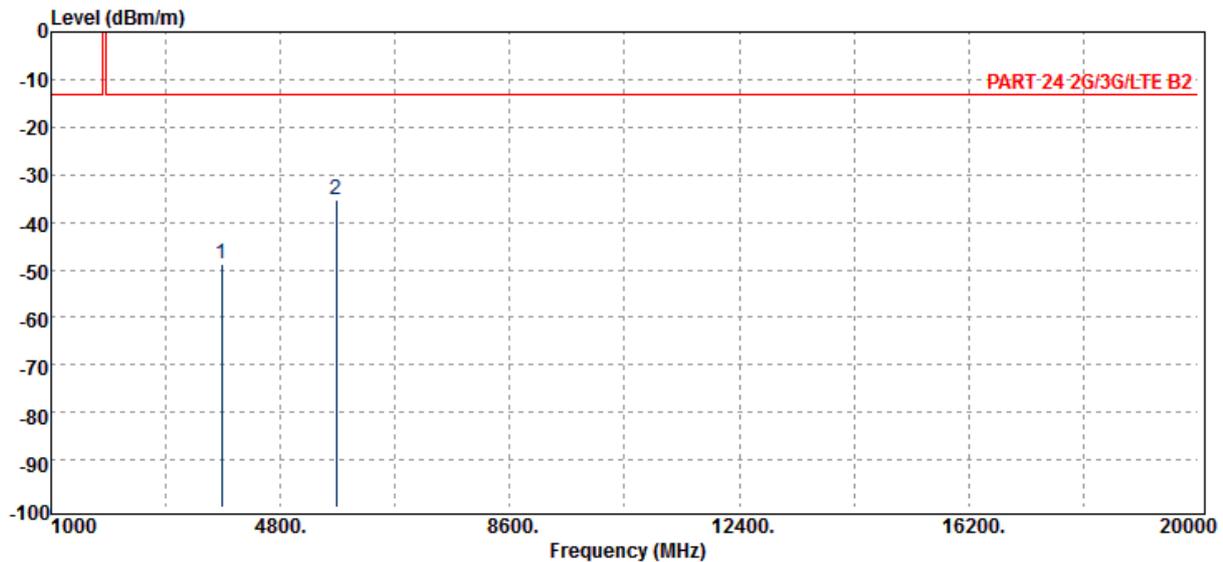


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3818.60	H	-41.11	-42.55	8.50	-7.05	-13.00	-28.11
5727.90	H	-21.79	-23.27	10.12	-8.64	-13.00	-8.79

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.

ARFCN	:CH 19193 QPSK BW 1.4 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1909.3 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3818.60	H	-48.86	-50.31	8.50	-7.05	-13.00	-35.86
5727.90	H	-35.33	-36.81	10.12	-8.64	-13.00	-22.33

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

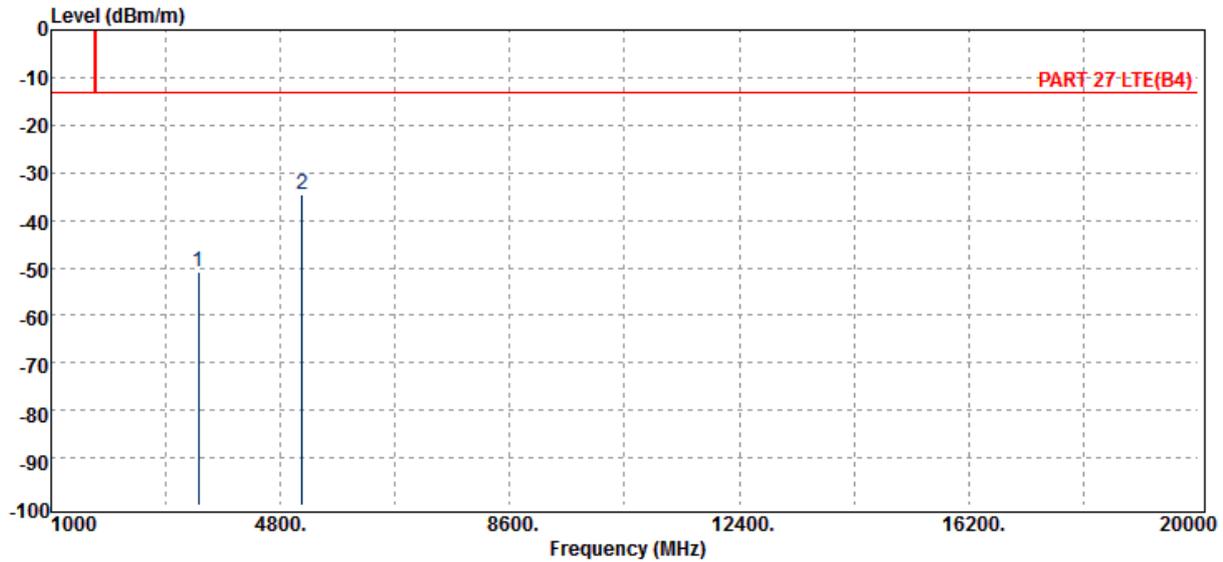
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result:1 5MHz BW LTE-Band 4 (The Worst Case)

ARFCN	:CH 20025 16QAM BW 15 RB 1 74	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1717.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3435.00	H	-50.91	-52.49	8.12	-6.54	-13.00	-37.91
5152.50	H	-34.69	-36.10	9.89	-8.49	-13.00	-21.69

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

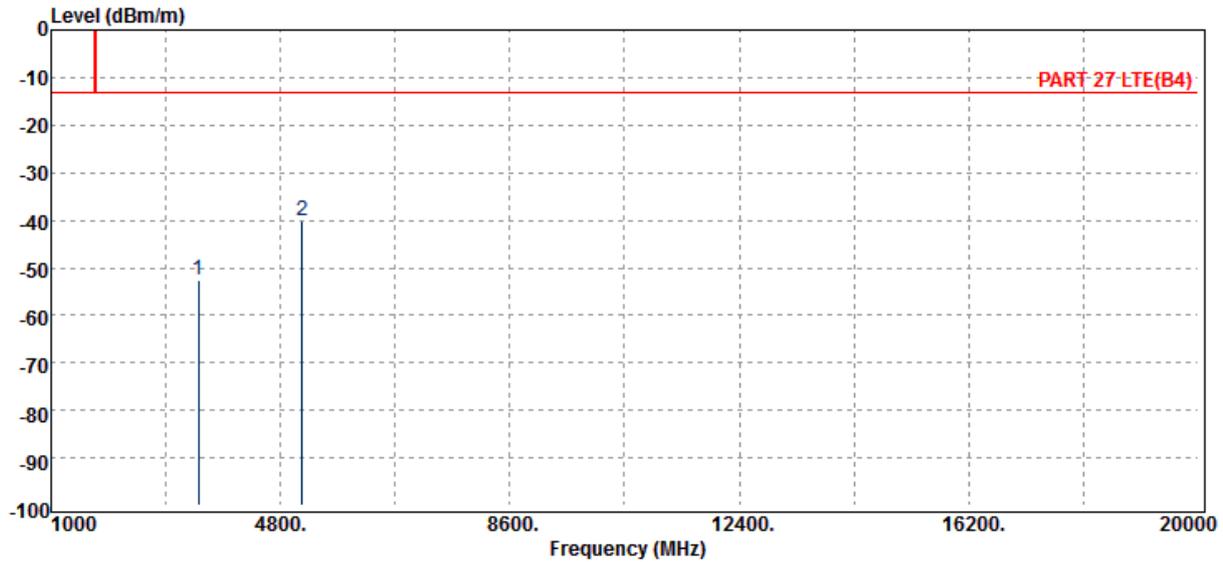
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20025 16QAM BW 15 RB 1 74	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1717.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL

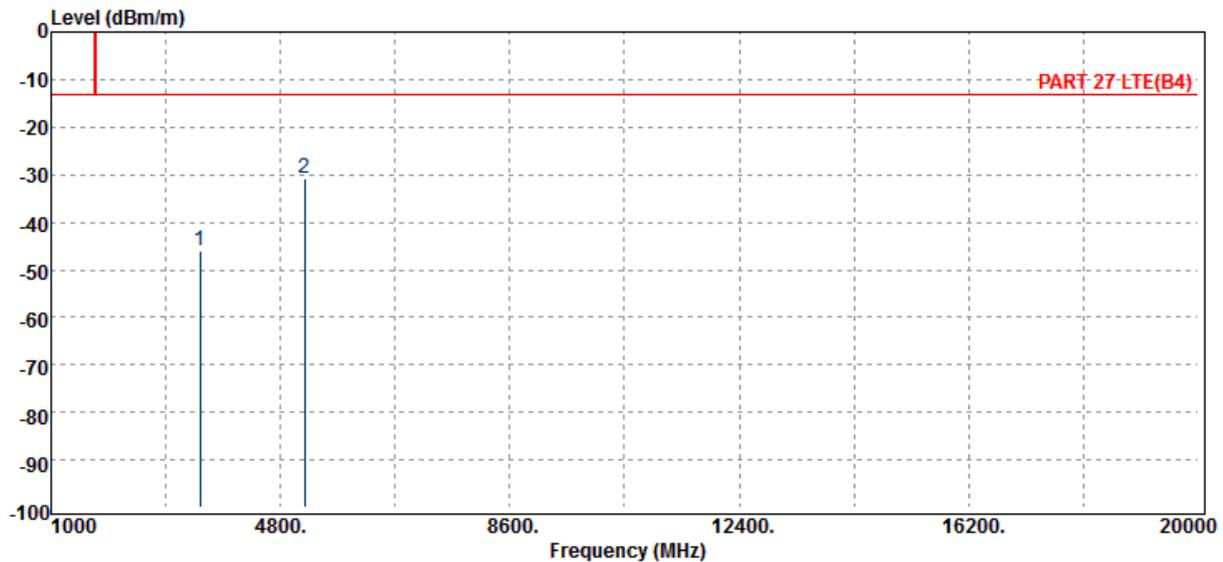


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3435.00	H	-52.58	-54.16	8.12	-6.54	-13.00	-39.58
5152.50	H	-40.02	-41.43	9.89	-8.49	-13.00	-27.02

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.

ARFCN	:CH 20175 16QAM BW 15 RB 1 74	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1732.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3465.00	H	-45.89	-47.56	8.20	-6.53	-13.00	-32.89
5197.50	H	-30.64	-32.07	9.92	-8.49	-13.00	-17.64

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

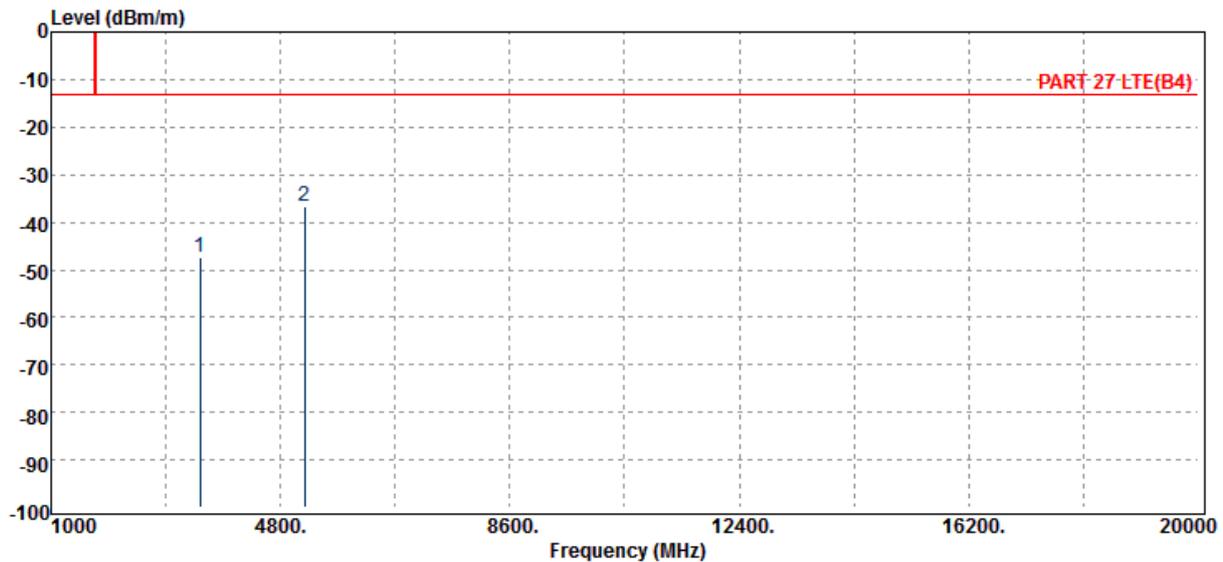
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20175 16QAM BW 15 RB 1 74	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1732.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3465.00	H	-47.29	-48.96	8.20	-6.53	-13.00	-34.29
5197.50	H	-36.55	-37.98	9.92	-8.49	-13.00	-23.55

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

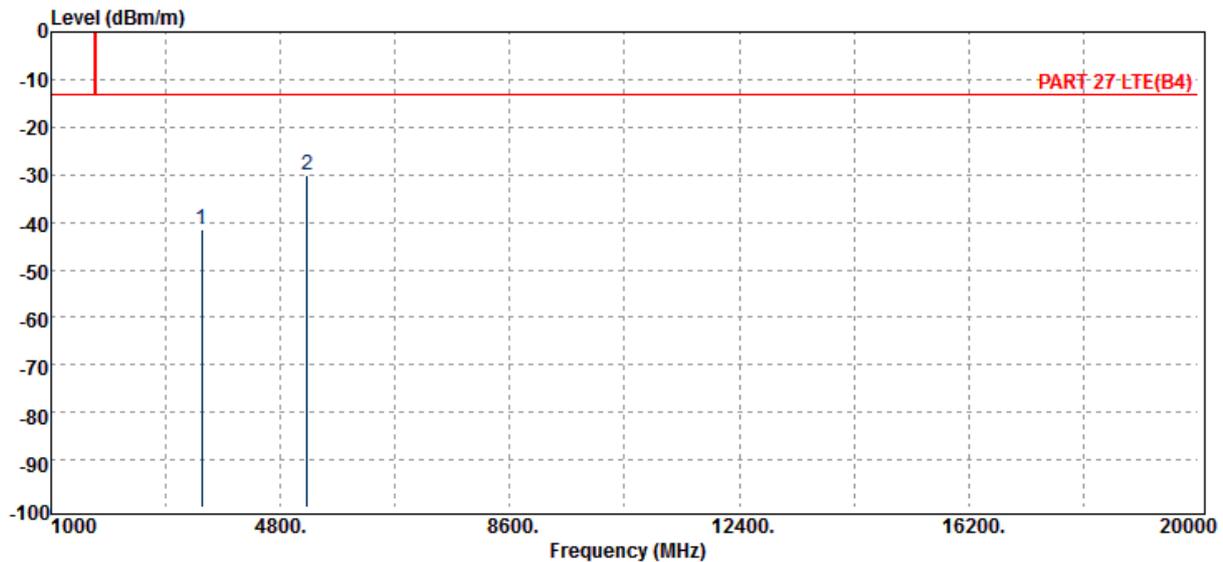
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20325 16QAM BW 15 RB 1 74	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1747.5 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3495.00	H	-41.53	-43.18	8.29	-6.64	-13.00	-28.53
5242.50	H	-30.08	-31.48	9.95	-8.55	-13.00	-17.08

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

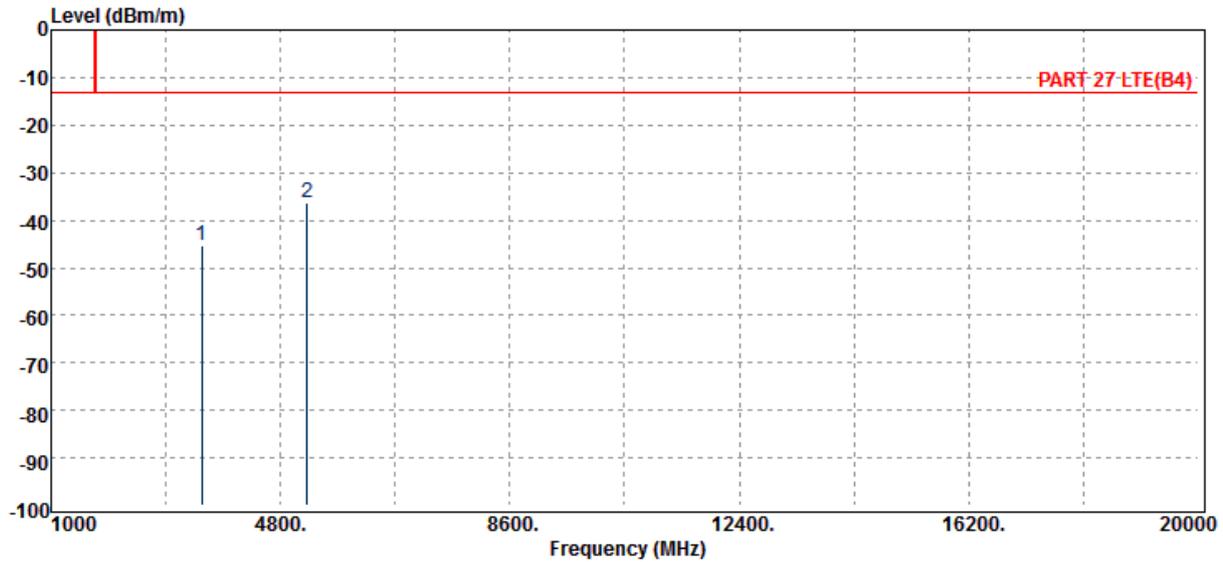
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20325 16QAM BW 15 RB 1 74	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1747.5 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



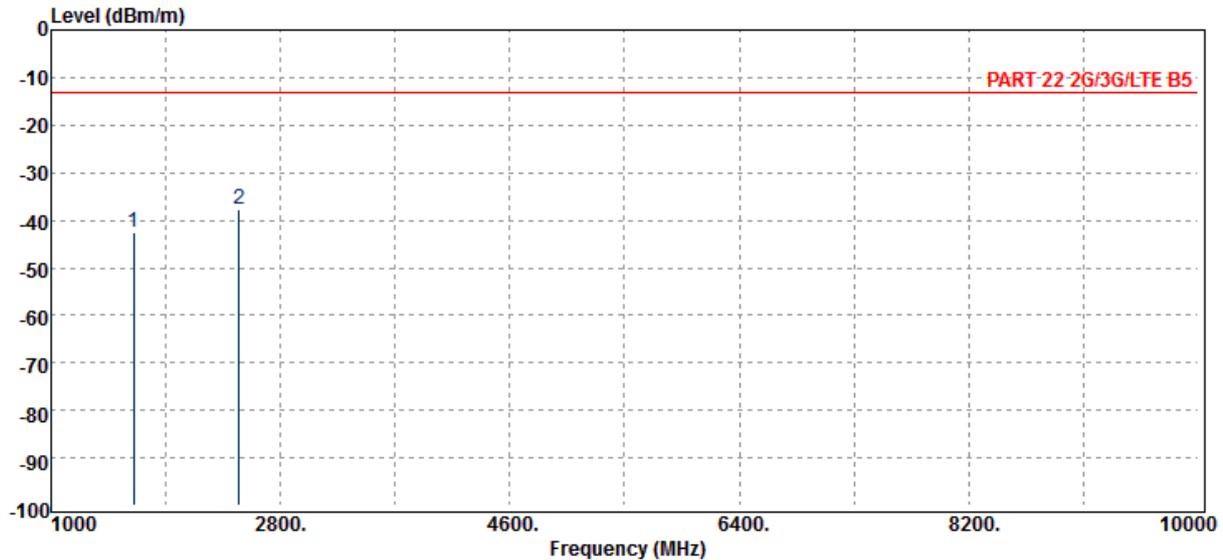
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3495.00	H	-45.40	-47.05	8.29	-6.64	-13.00	-32.40
5242.50	H	-36.47	-37.87	9.95	-8.55	-13.00	-23.47

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

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

Radiated Spurious Emission Measurement Result: 1.4MHz BW LTE-Band 5 (The Worst Case)

ARFCN	:CH 20407 16QAM BW	Test Date	:2015-08-28
	1.4 RB 1 0		
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:824.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

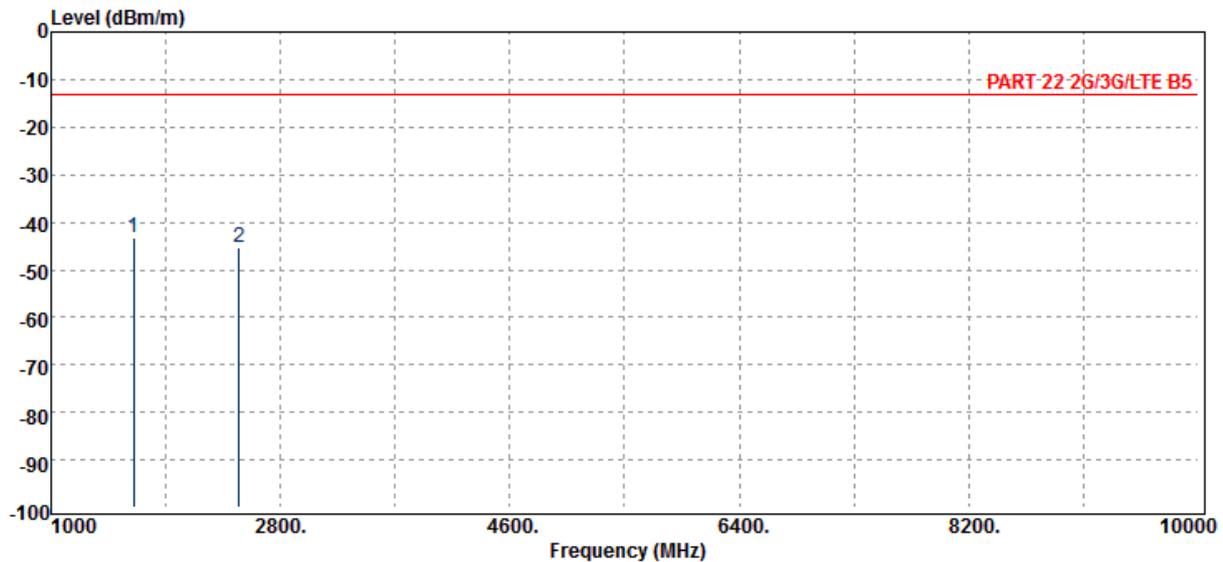


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1649.40	H	-42.55	-41.39	3.05	-4.21	-13.00	-29.55
2474.10	H	-37.89	-36.16	3.59	-5.32	-13.00	-24.89

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.

ARFCN	:CH 20407 16QAM BW	Test Date	:2015-08-28
	1.4 RB 1 0		
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:824.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1649.40	H	-43.39	-42.22	3.05	-4.21	-13.00	-30.39
2474.10	H	-45.23	-43.51	3.59	-5.32	-13.00	-32.23

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

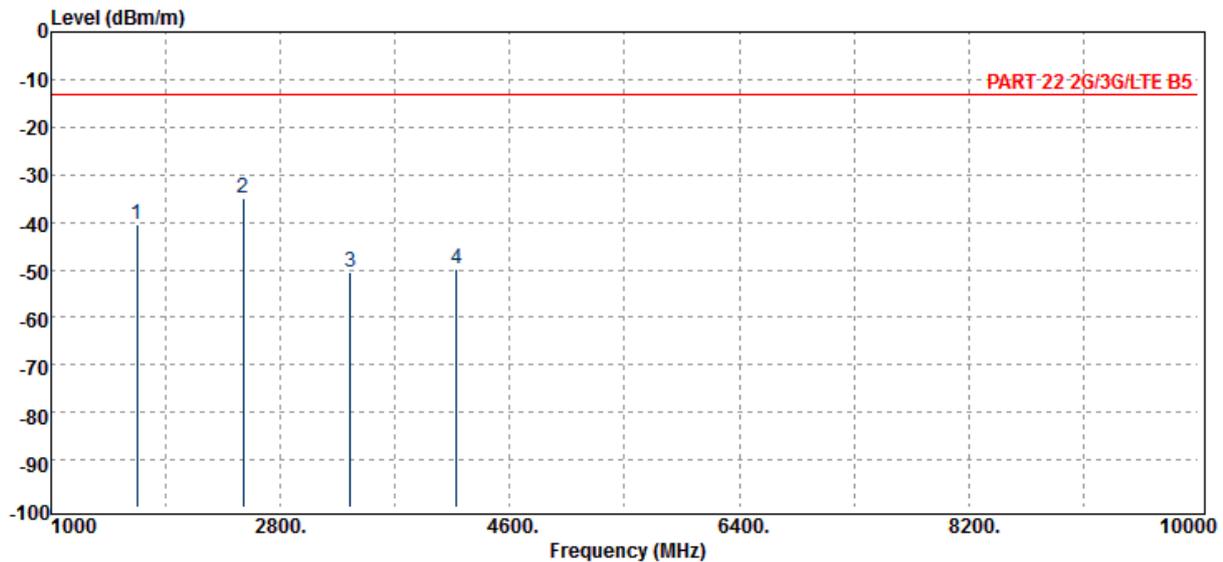
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20525 16QAM BW	Test Date	:2015-08-28
	1.4 RB 1 0		
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1673.00	H	-40.40	-39.15	3.01	-4.26	-13.00	-27.40
2509.50	H	-34.95	-33.27	3.67	-5.35	-13.00	-21.95
3346.00	H	-50.65	-50.11	5.71	-6.25	-13.00	-37.65
4182.50	H	-49.72	-48.66	6.60	-7.66	-13.00	-36.72

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.

SGS Taiwan Ltd.

No. 134, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

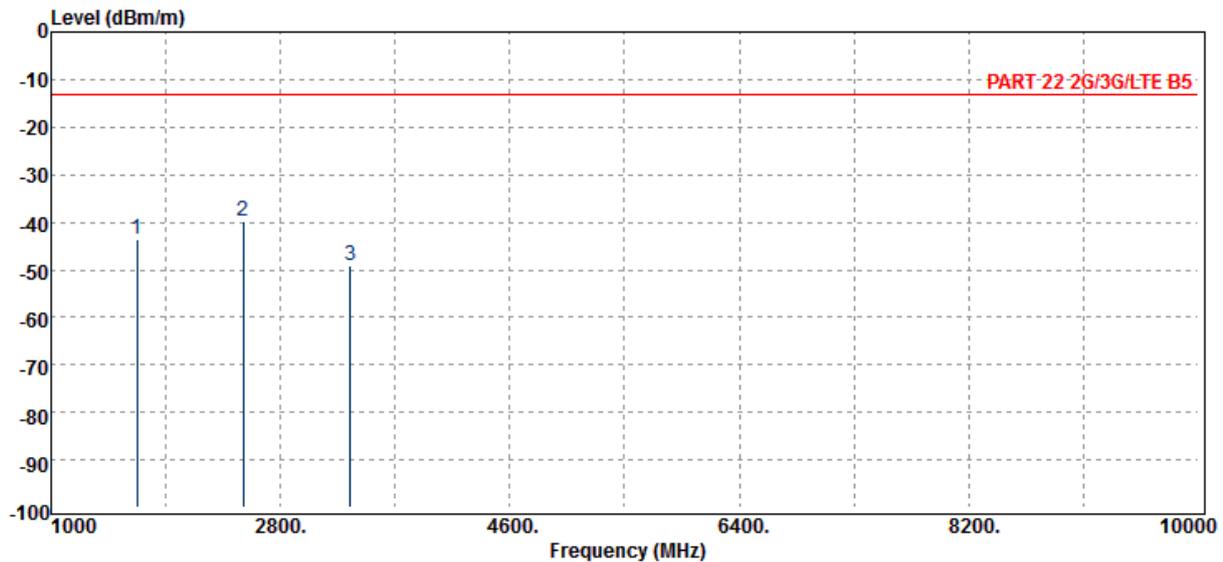
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20525 16QAM BW	Test Date	:2015-08-28
	1.4 RB 1 0		
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1673.00	H	-43.64	-42.40	3.01	-4.26	-13.00	-30.64
2509.50	H	-39.76	-38.08	3.67	-5.35	-13.00	-26.76
3346.00	H	-49.00	-48.46	5.71	-6.25	-13.00	-36.00

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

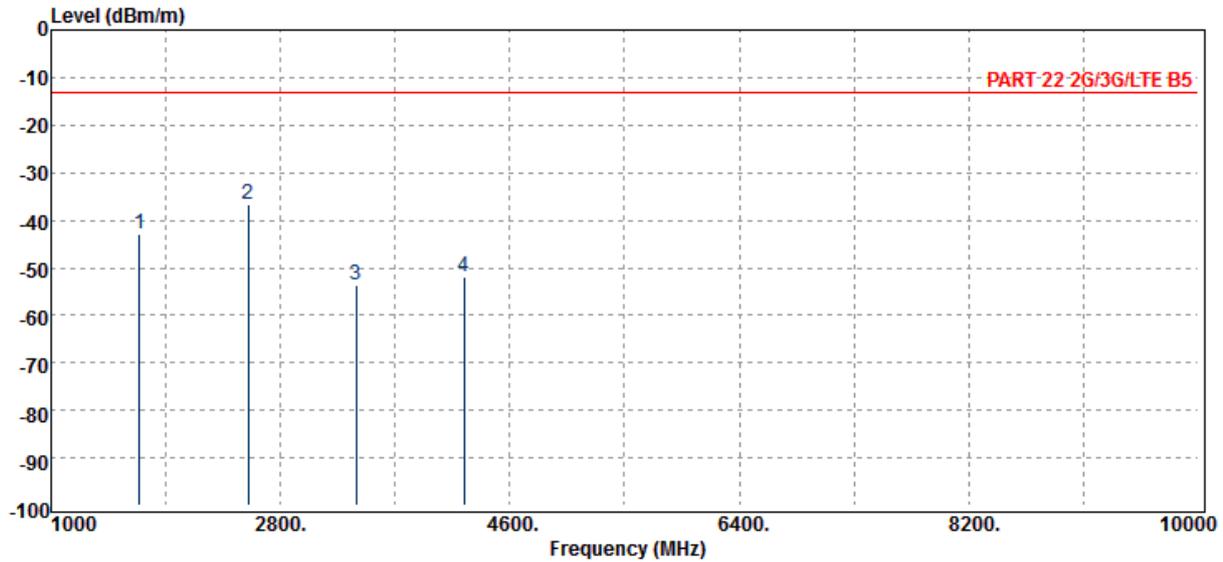
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20643 16QAM BW	Test Date	:2015-08-28
	1.4 RB 1 0		
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:848.3 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1696.60	H	-42.81	-41.50	2.96	-4.28	-13.00	-29.81
2544.90	H	-36.60	-34.95	3.75	-5.41	-13.00	-23.60
3393.20	H	-53.61	-52.99	5.85	-6.46	-13.00	-40.61
4241.50	H	-51.85	-50.78	6.65	-7.72	-13.00	-38.85

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

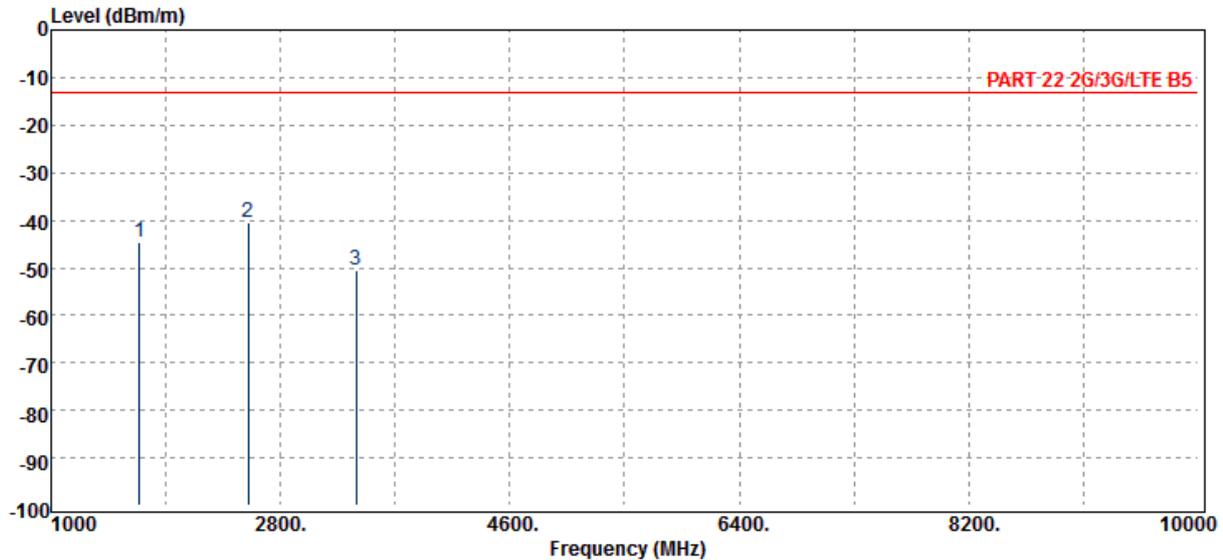
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20643 16QAM BW	Test Date	:2015-08-28
	1.4 RB 1 0		
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:848.3 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1696.60	H	-44.67	-43.36	2.96	-4.28	-13.00	-31.67
2544.90	H	-40.54	-38.88	3.75	-5.41	-13.00	-27.54
3393.20	H	-50.35	-49.73	5.85	-6.46	-13.00	-37.35

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

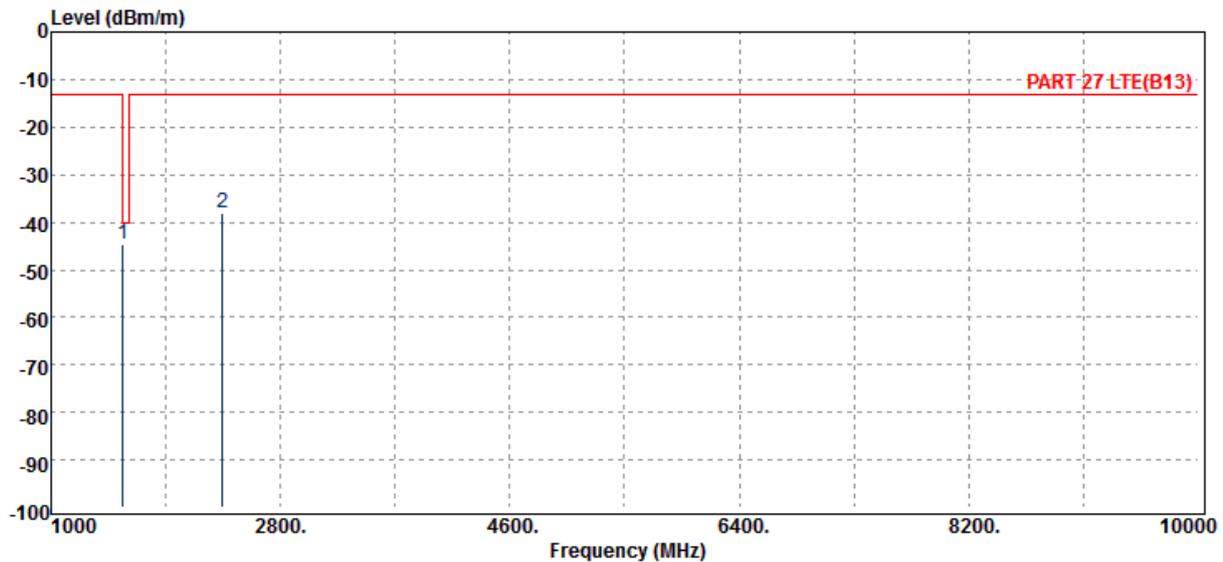
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: 10MHz BW LTE-Band 13(The Worst Case)

ARFCN	:CH 23230 16QAM BW 10 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B13	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:782.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

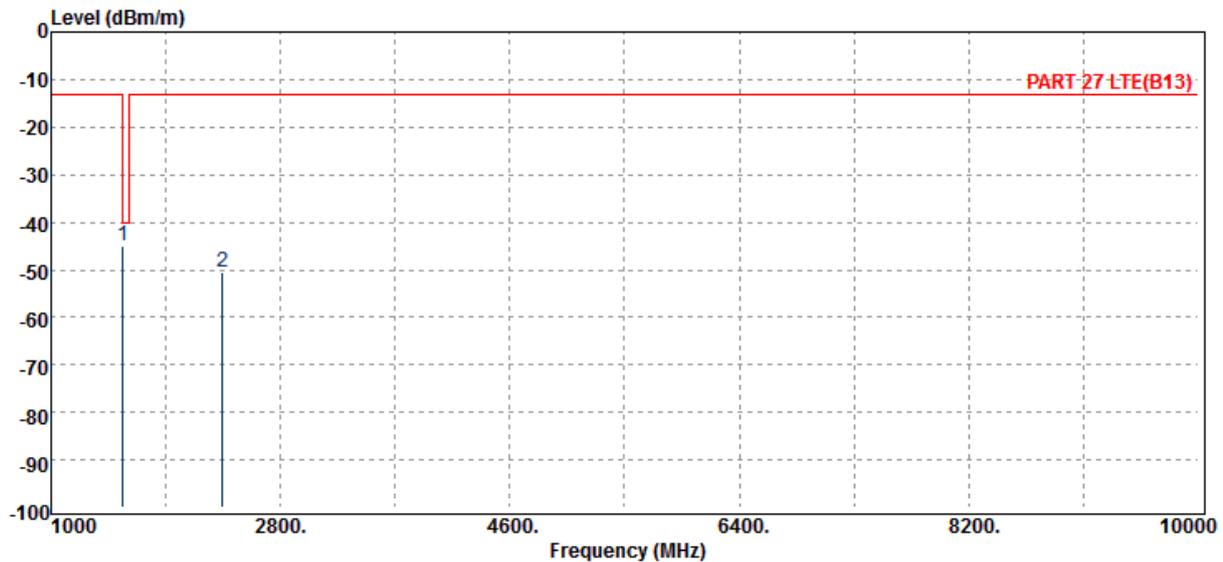


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1564.00	H	-44.68	-43.79	3.22	-4.11	-40.00	-4.68
2346.00	H	-37.94	-36.15	3.31	-5.09	-13.00	-24.94

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

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

ARFCN	:CH 23230 16QAM BW 10 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B13	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:782.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1564.00	H	-45.13	-44.24	3.22	-4.11	-40.00	-5.13
2346.00	H	-50.66	-48.88	3.31	-5.09	-13.00	-37.66

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

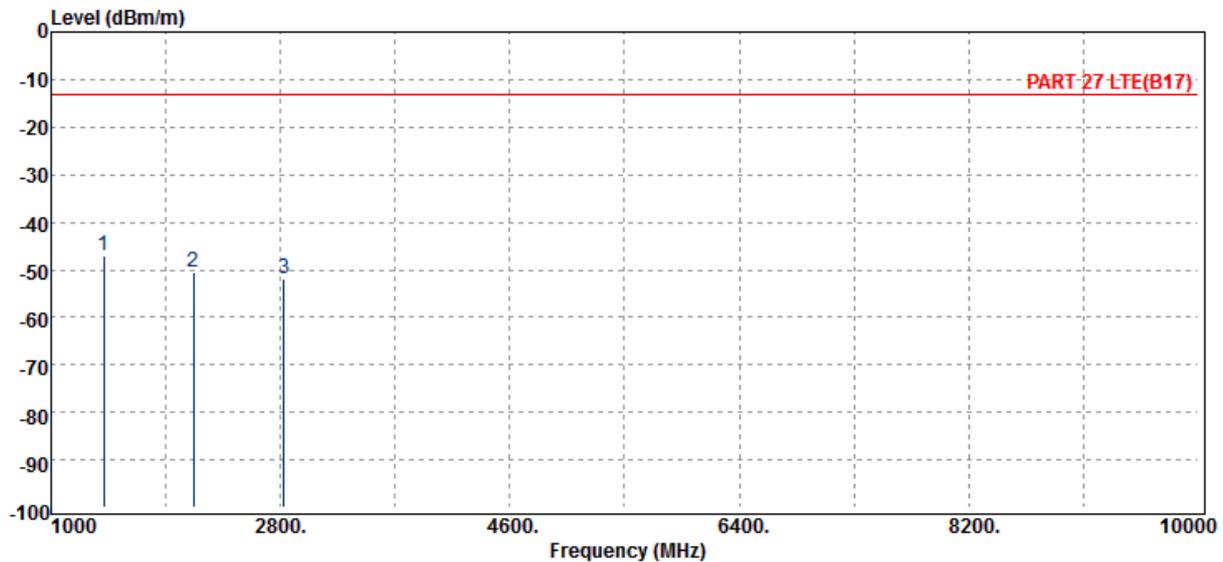
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: 5MHz BW LTE-Band 17 (The Worst Case)

ARFCN	:CH 23755 16QAM BW 5	Test Date	:2015-08-28
	RB1 0		
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:706.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1413.00	H	-47.13	-46.03	2.85	-3.94	-13.00	-34.13
2119.50	H	-50.54	-48.46	2.76	-4.84	-13.00	-37.54
2826.00	H	-51.87	-50.54	4.32	-5.65	-13.00	-38.87

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

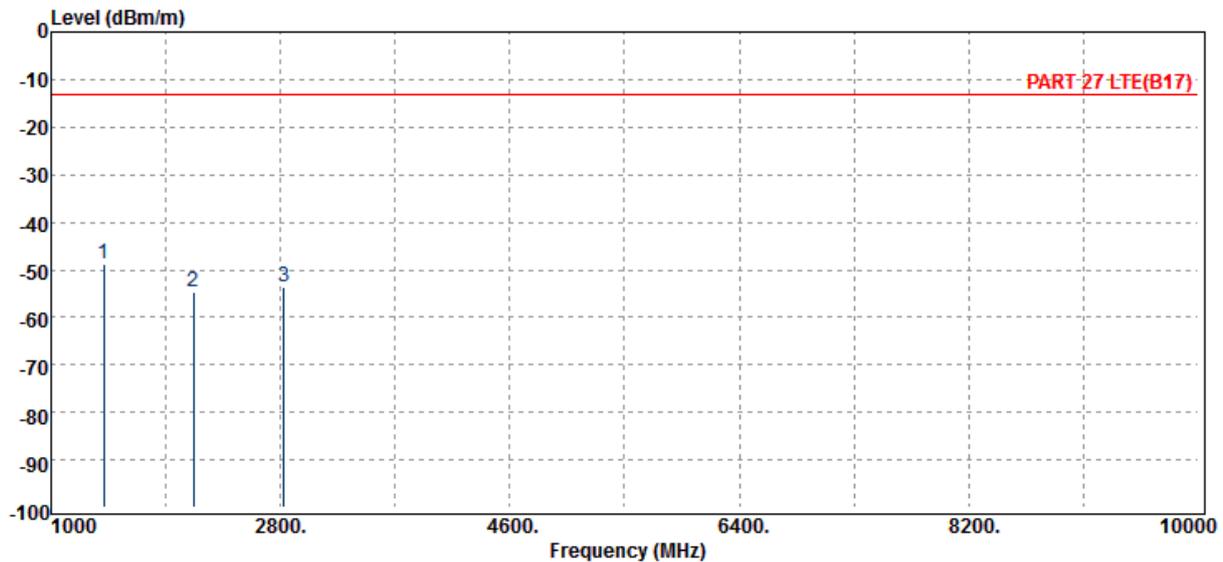
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 23755 16QAM BW 5 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:706.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1413.00	H	-48.71	-47.61	2.85	-3.94	-13.00	-35.71
2119.50	H	-54.67	-52.60	2.76	-4.84	-13.00	-41.67
2826.00	H	-53.67	-52.34	4.32	-5.65	-13.00	-40.67

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

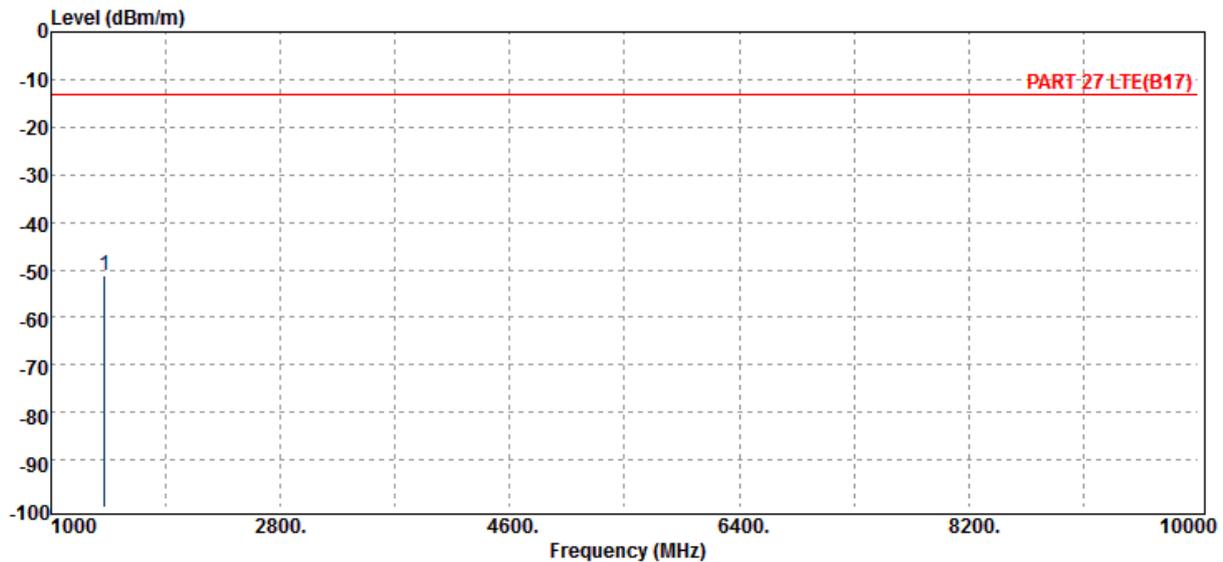
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 23790 16QAM BW 5 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:710 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

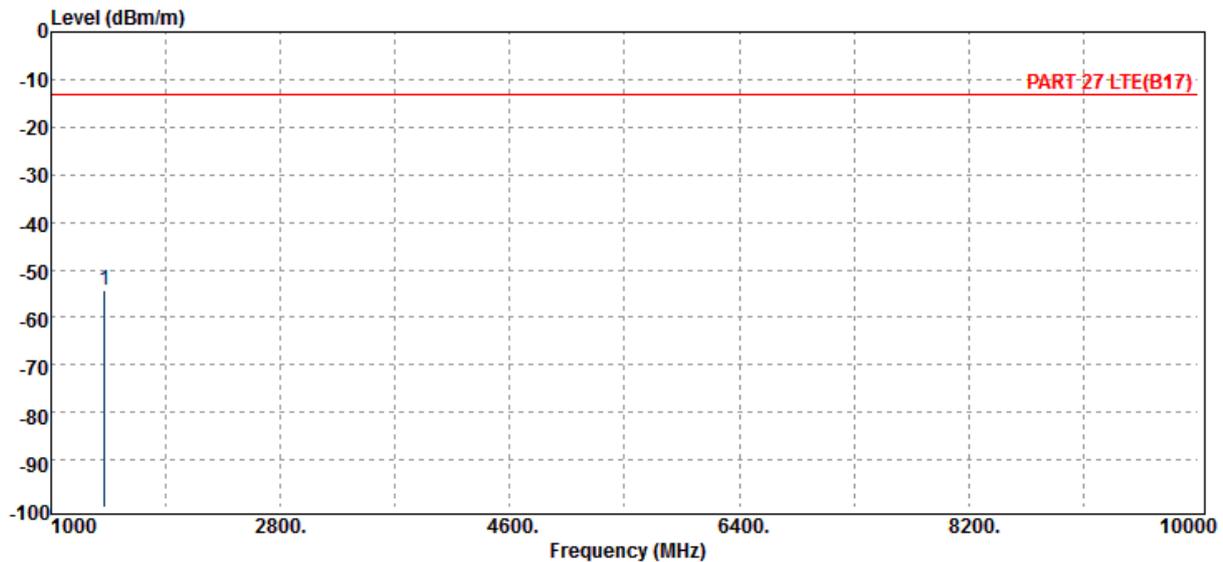


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1420.00	H	-51.07	-50.01	2.89	-3.96	-13.00	-38.07

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

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

ARFCN	:CH 23790 16QAM BW 5 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:710 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL

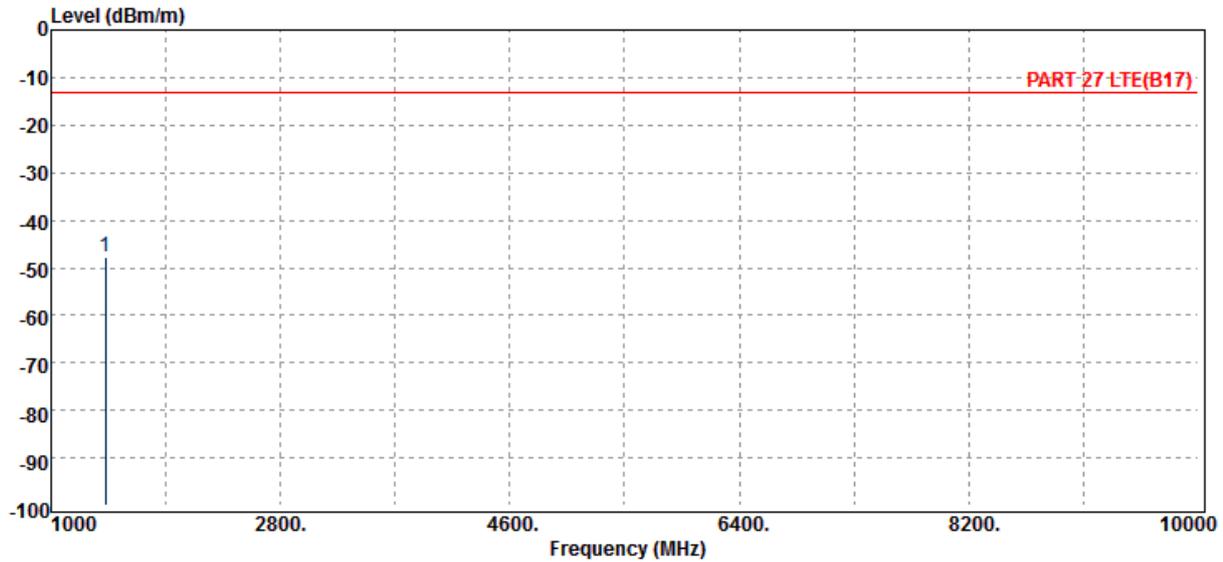


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1420.00	H	-54.20	-53.13	2.89	-3.96	-13.00	-41.20

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

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

ARFCN	:CH 23825 16QAM BW 5 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:713.5 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

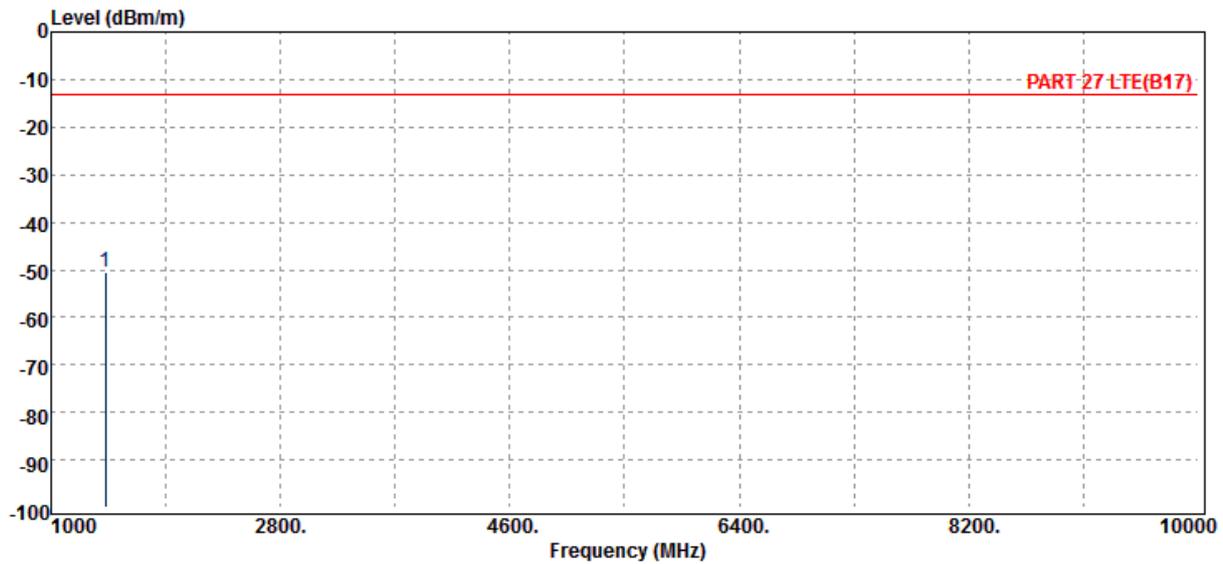


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1427.00	H	-47.59	-46.55	2.93	-3.97	-13.00	-34.59

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.

ARFCN	:CH 23825 16QAM BW 5 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:713.5 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



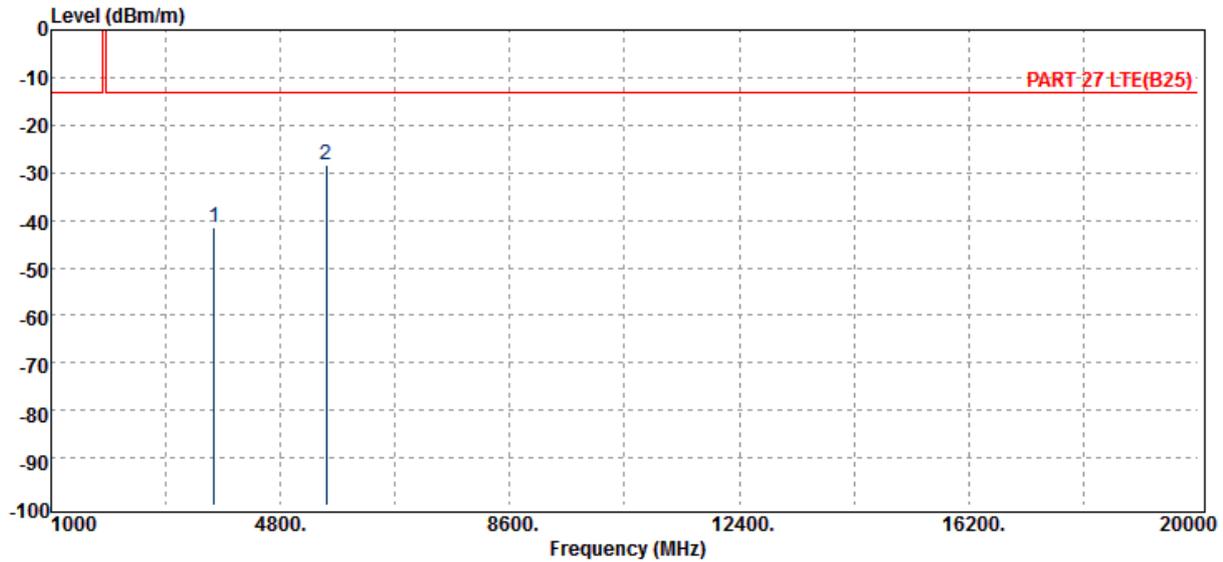
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1427.00	H	-50.35	-49.31	2.93	-3.97	-13.00	-37.35

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

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

Radiated Spurious Emission Measurement Result: 1.4MHz BW LTE-Band 25 (The Worst Case)

ARFCN	:CH 26047 16QAM BW	Test Date	:2015-08-28
	1.4 RB1 5		
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1850.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3701.40	H	-41.54	-43.09	8.43	-6.88	-13.00	-28.54
5552.10	H	-28.30	-29.86	10.10	-8.55	-13.00	-15.30

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

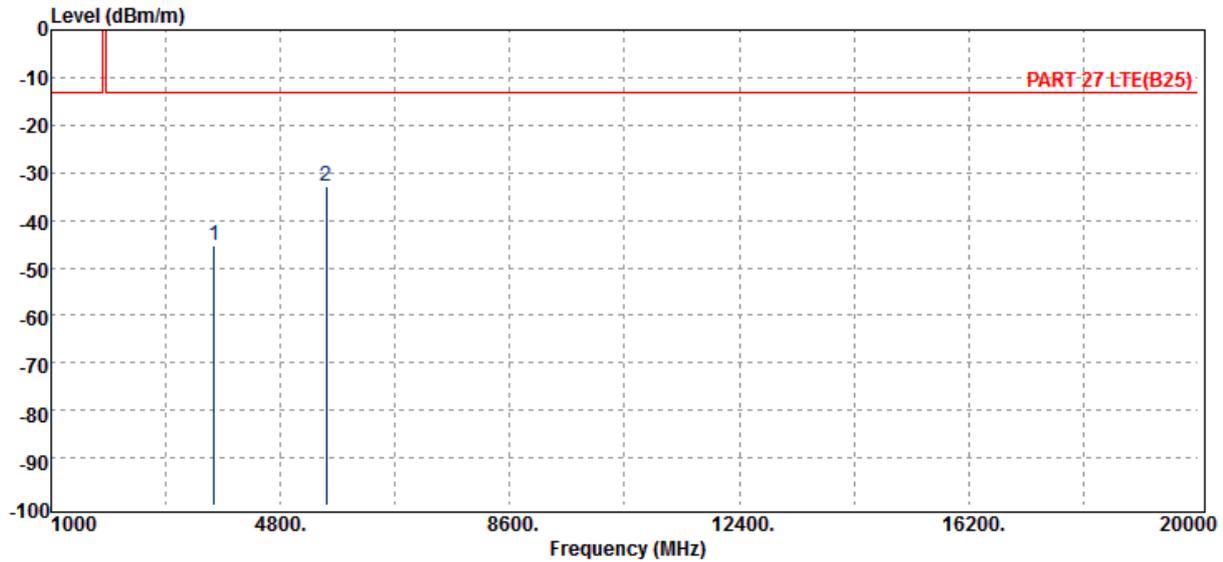
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 26047 16QAM BW	Test Date	:2015-08-28
	1.4 RB1 5		
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1850.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3701.40	H	-45.49	-47.03	8.43	-6.88	-13.00	-32.49
5552.10	H	-32.82	-34.38	10.10	-8.55	-13.00	-19.82

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

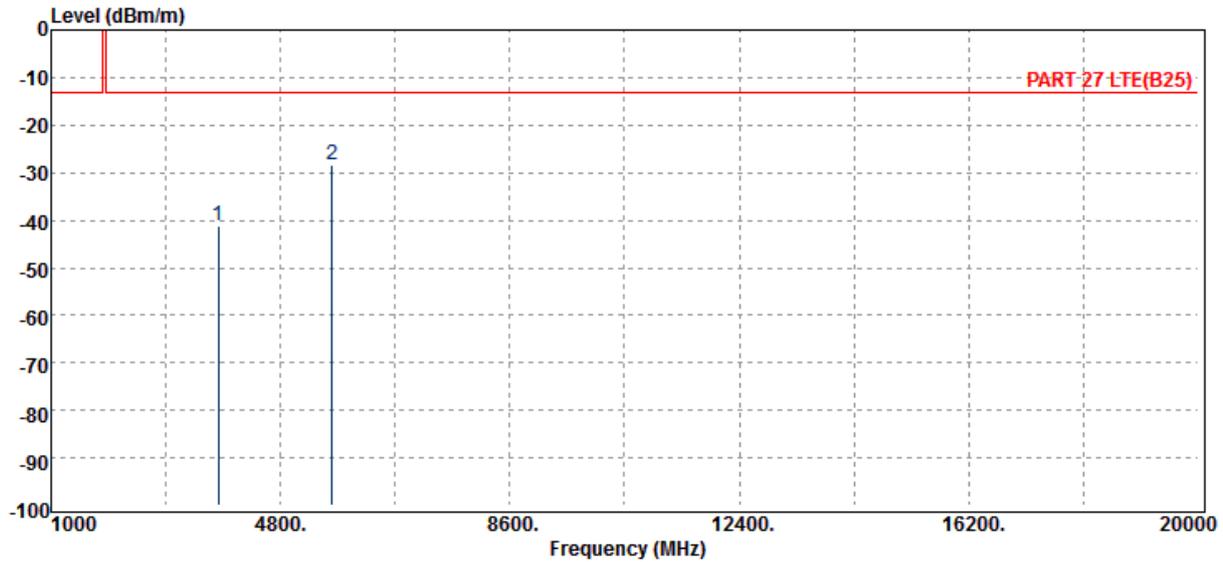
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 26365 16QAM BW	Test Date	:2015-08-28
	1.4 RB1 5		
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1882.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3765.00	H	-41.18	-42.61	8.46	-7.03	-13.00	-28.18
5647.50	H	-28.48	-30.00	10.11	-8.59	-13.00	-15.48

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

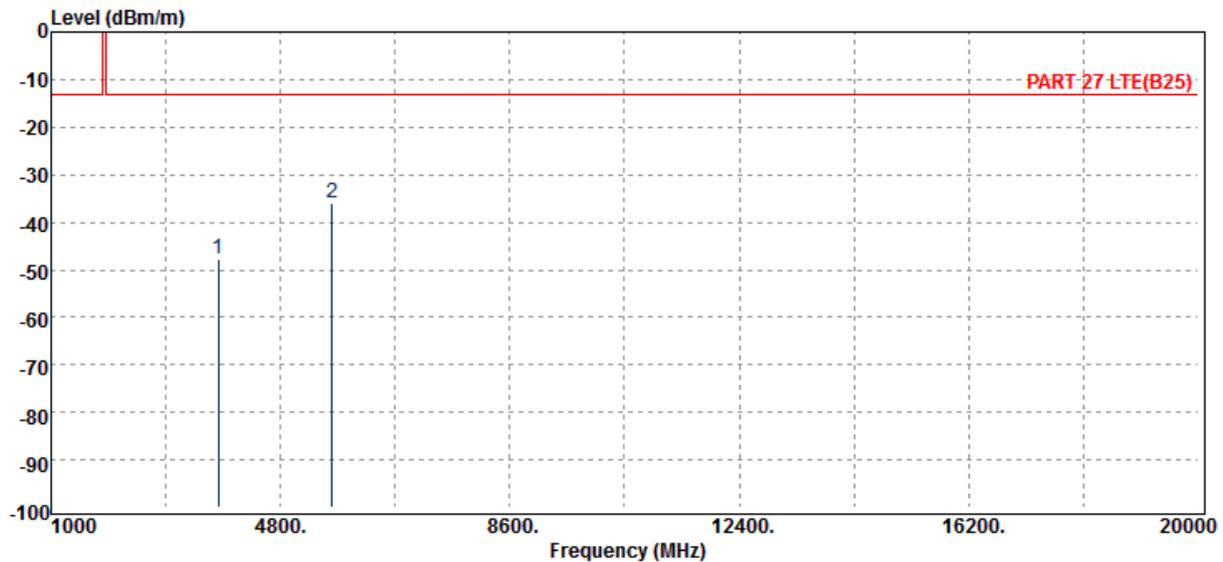
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 26365 16QAM BW	Test Date	:2015-08-28
	1.4 RB1 5		
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1882.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3765.00	H	-47.67	-49.10	8.46	-7.03	-13.00	-34.67
5647.50	H	-35.89	-37.42	10.11	-8.59	-13.00	-22.89

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

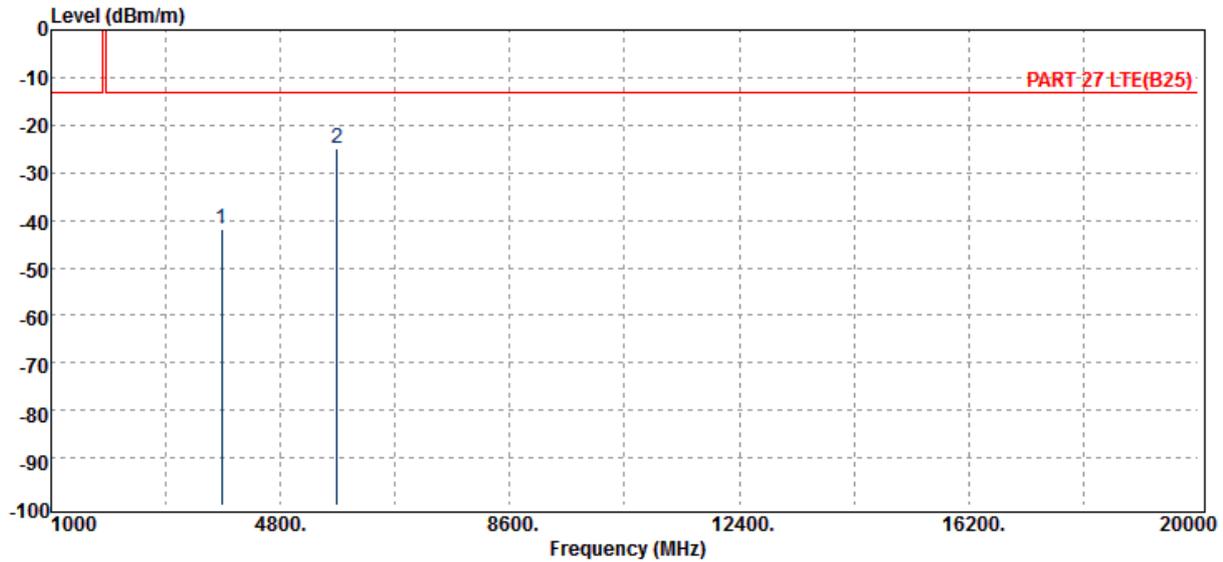
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 26683 16QAM BW	Test Date	:2015-08-28
	1.4 RB1 5		
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1914.3 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3828.60	H	-41.77	-43.23	8.50	-7.05	-13.00	-28.77
5742.90	H	-25.03	-26.48	10.12	-8.67	-13.00	-12.03

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

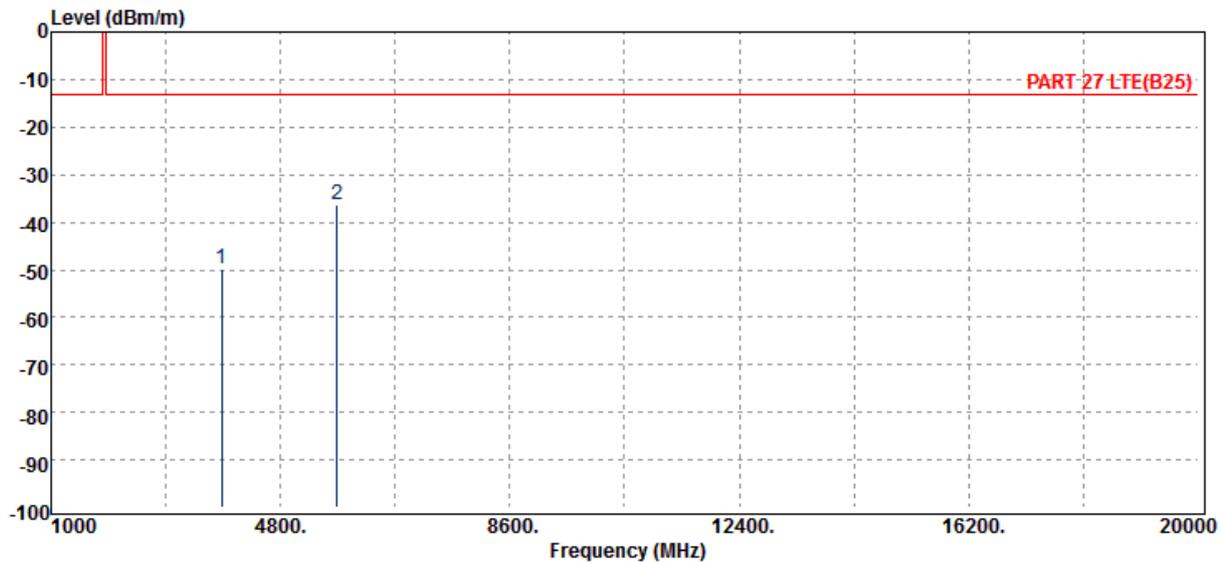
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 26683 16QAM BW	Test Date	:2015-08-28
	1.4 RB1 5		
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1914.3 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3828.60	H	-49.95	-51.41	8.50	-7.05	-13.00	-36.95
5742.90	H	-36.21	-37.67	10.12	-8.67	-13.00	-23.21

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

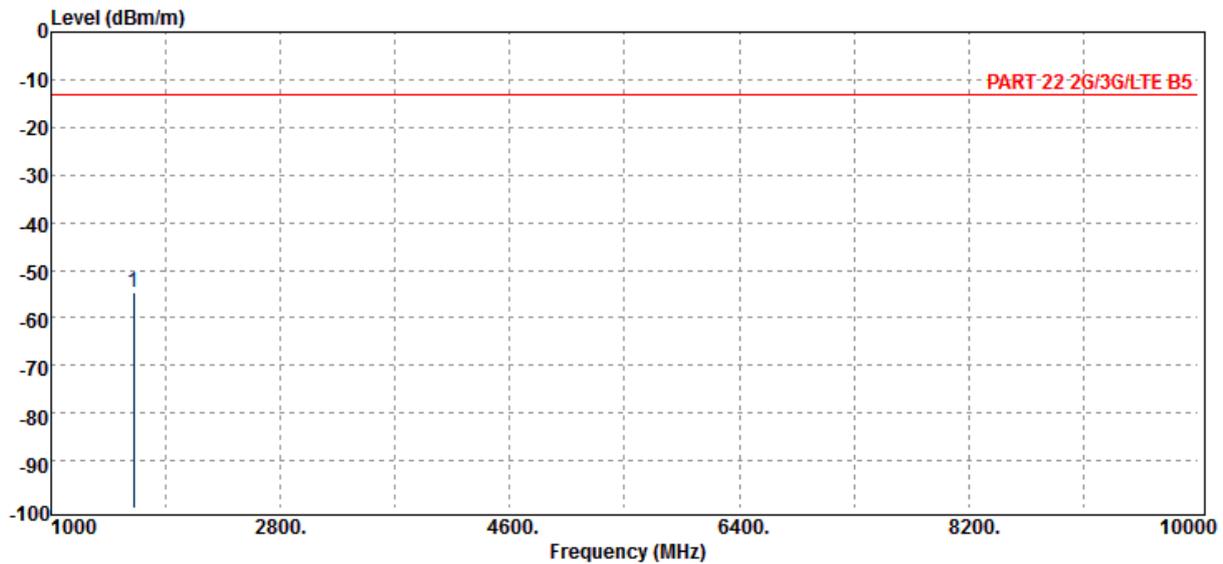
www.tw.sgs.com

Member of SGS Group

***Antenna Part No.: TG.30.8111 Apex**

Radiated Spurious Emission Measurement Result: GPRS 850 Mode

ARFCN	:CH 128	Test Date	:2015-08-28
Operation Band	:GPRS 850	Temp./Humi.	:22 deg_C / 53 RH
Fundamental Frequency	:824.2 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



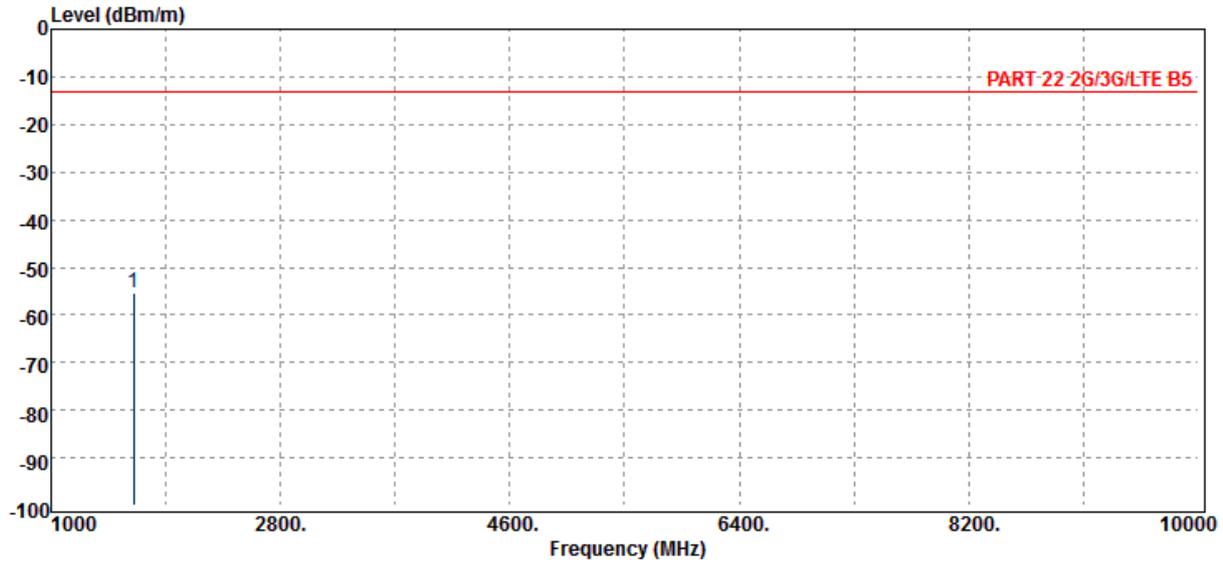
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1648.40	H	-54.72	-53.56	3.05	-4.21	-13.00	-41.72

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.

ARFCN	:CH 128	Test Date	:2015-08-28
Operation Band	:GPRS 850	Temp./Humi.	:22 deg_C / 53 RH
Fundamental Frequency	:824.2 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1648.40	H	-55.50	-54.35	3.05	-4.21	-13.00	-42.50

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

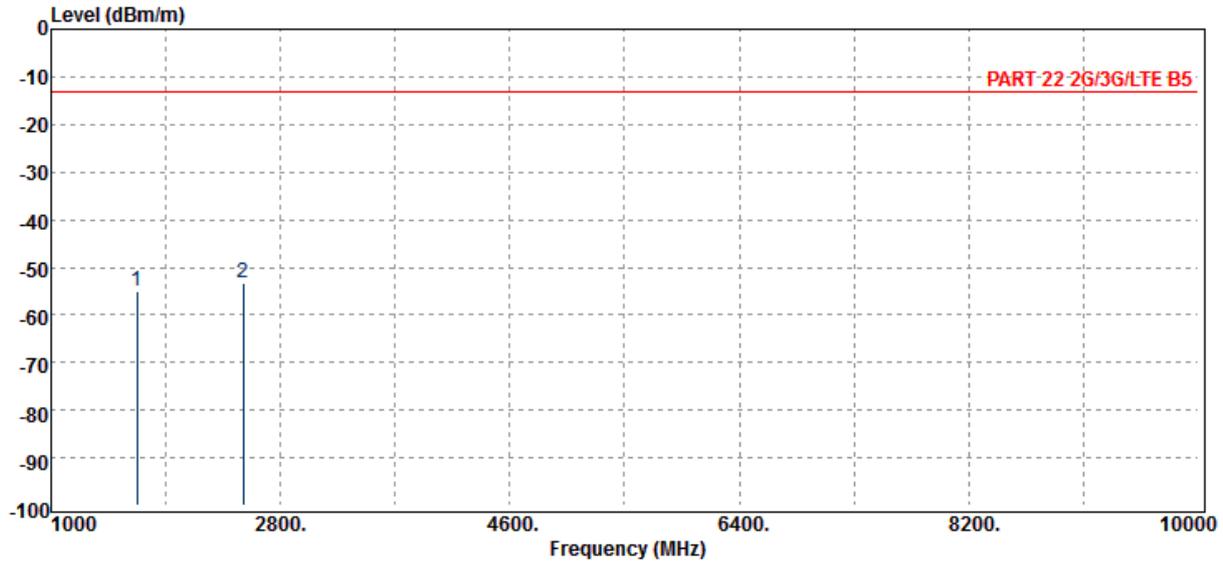
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 190	Test Date	:2015-08-28
Operation Band	:GSM 850	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.6 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1673.20	H	-55.05	-53.80	3.01	-4.26	-13.00	-42.05
2509.80	H	-53.12	-51.44	3.67	-5.35	-13.00	-40.12

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

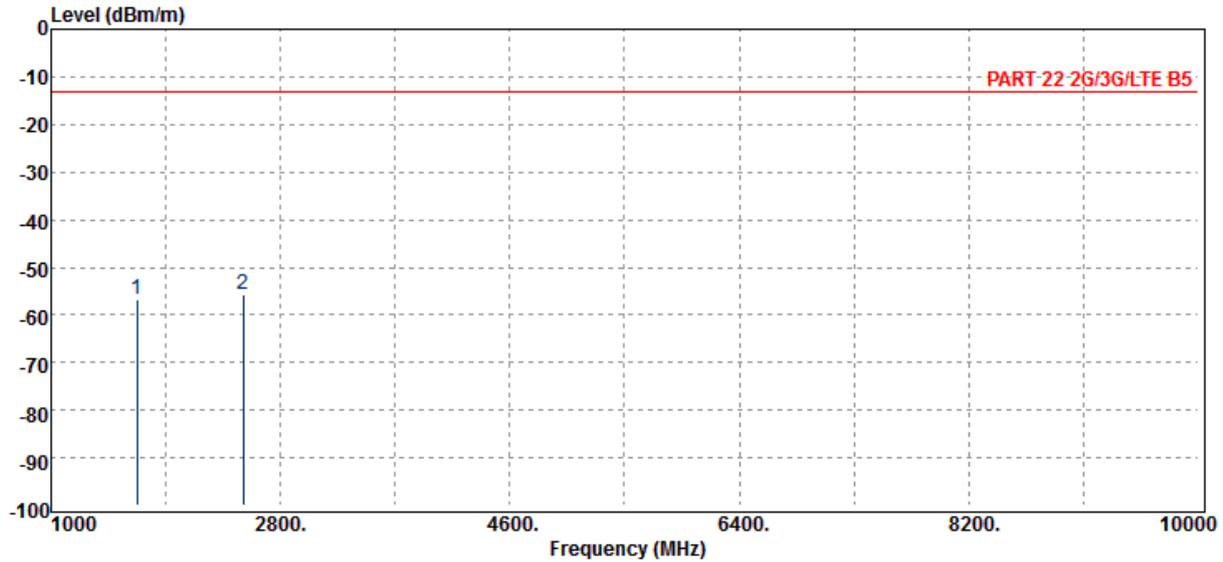
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 190	Test Date	:2015-08-28
Operation Band	:GSM 850	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.6 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1673.20	H	-56.58	-55.33	3.01	-4.26	-13.00	-43.58
2509.80	H	-55.64	-53.96	3.67	-5.35	-13.00	-42.64

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

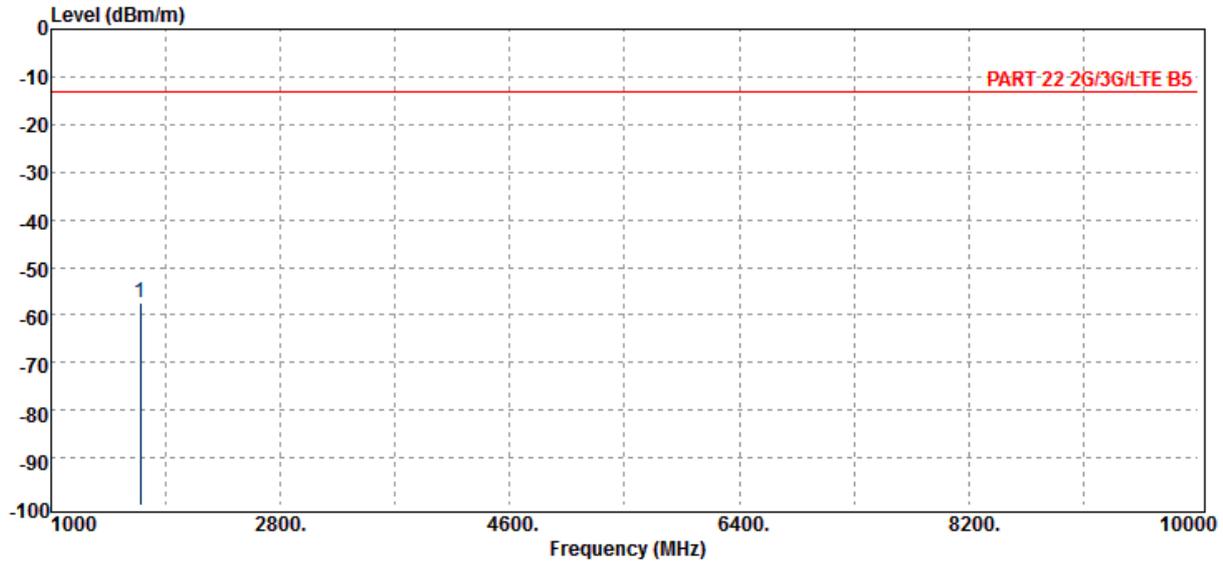
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 251	Test Date	:2015-08-28
Operation Band	:GSM 850	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:848.8 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

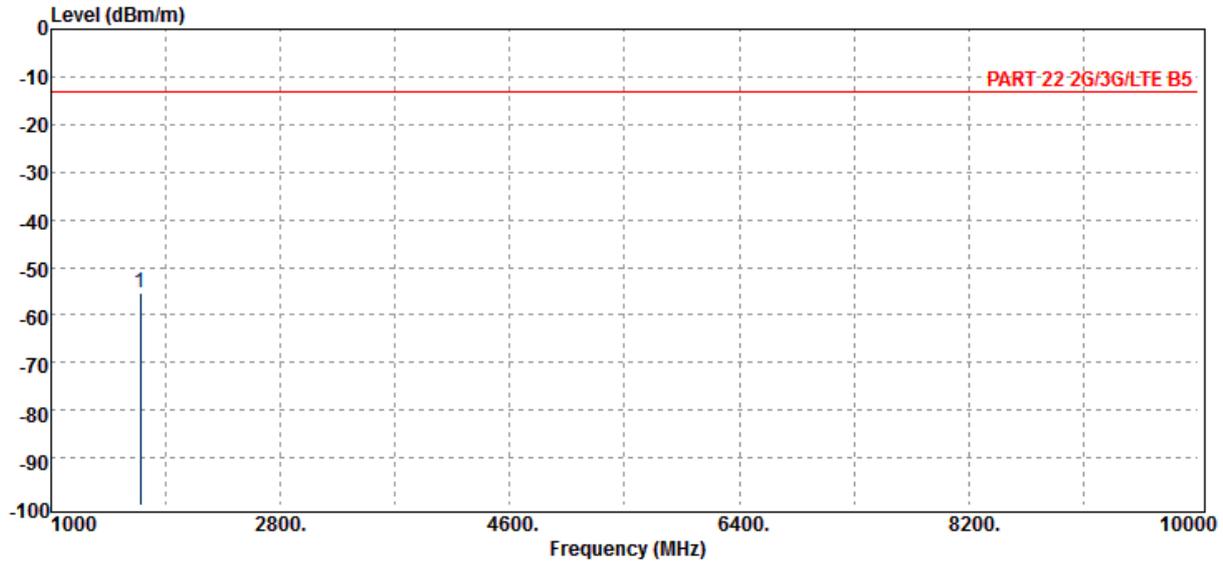


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1697.60	H	-57.41	-56.09	2.96	-4.28	-13.00	-44.41

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

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

ARFCN	:CH 251	Test Date	:2015-08-28
Operation Band	:GSM 850	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:848.8 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



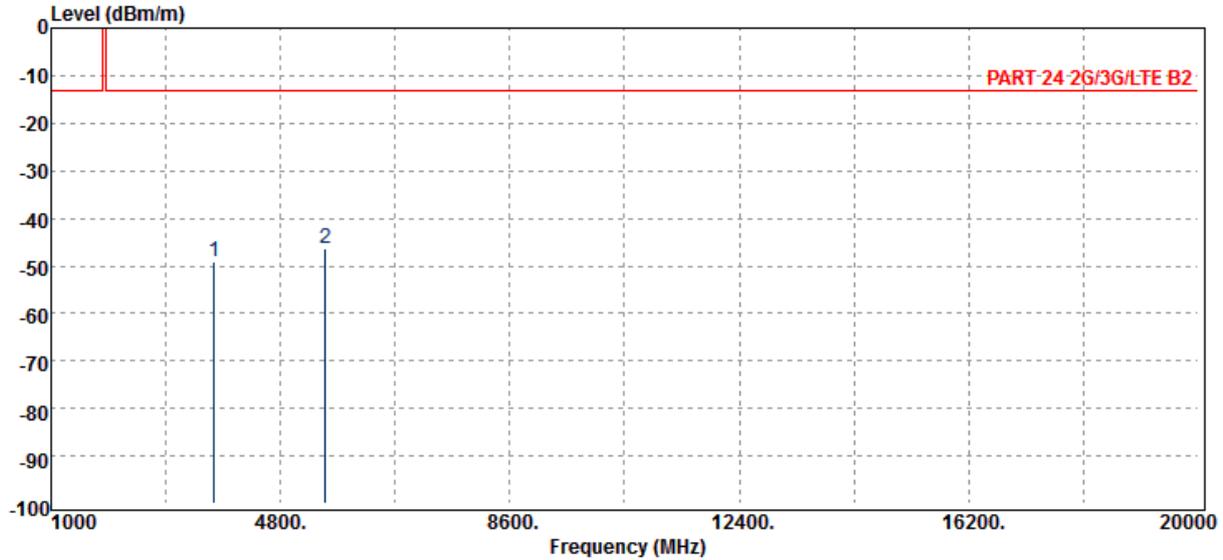
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1697.60	H	-55.49	-54.17	2.96	-4.28	-13.00	-42.49

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

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

Radiated Spurious Emission Measurement Result: GPRS 1900 Mode

ARFCN	:CH 512	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1850.2 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3700.40	H	-49.04	-50.59	8.43	-6.88	-13.00	-36.04
5550.60	H	-46.25	-47.80	10.10	-8.55	-13.00	-33.25

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

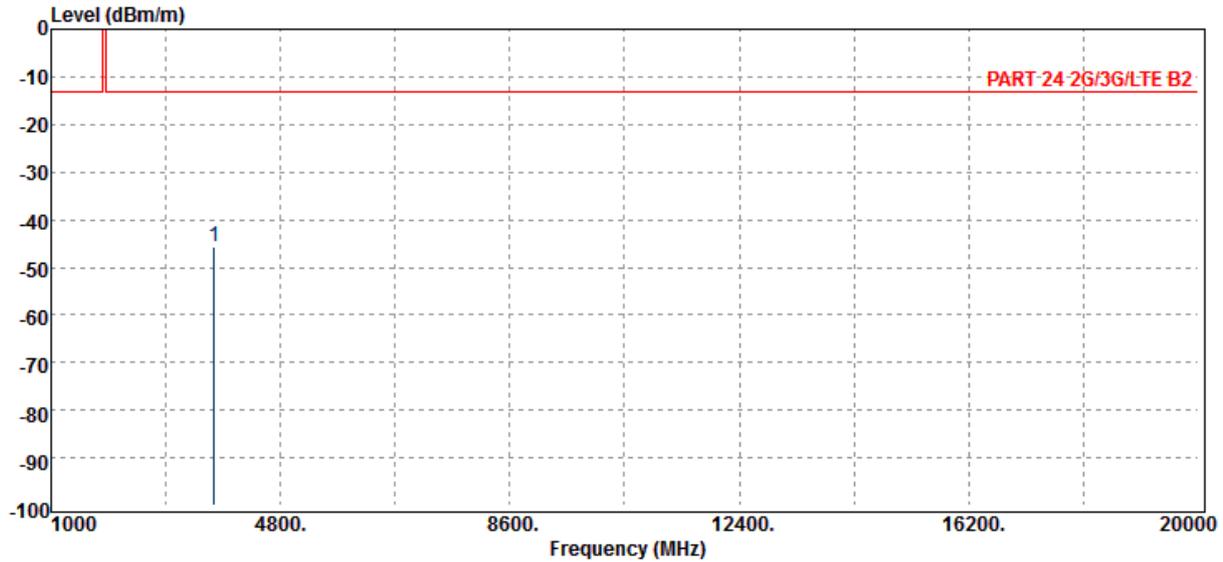
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 512	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1850.2 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq.	Note	EIRP	SG	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Output Level dBm	Gain dBi	Loss dB	dBm	dB
3700.40	H	-45.56	-47.11	8.43	-6.88	-13.00	-32.56

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

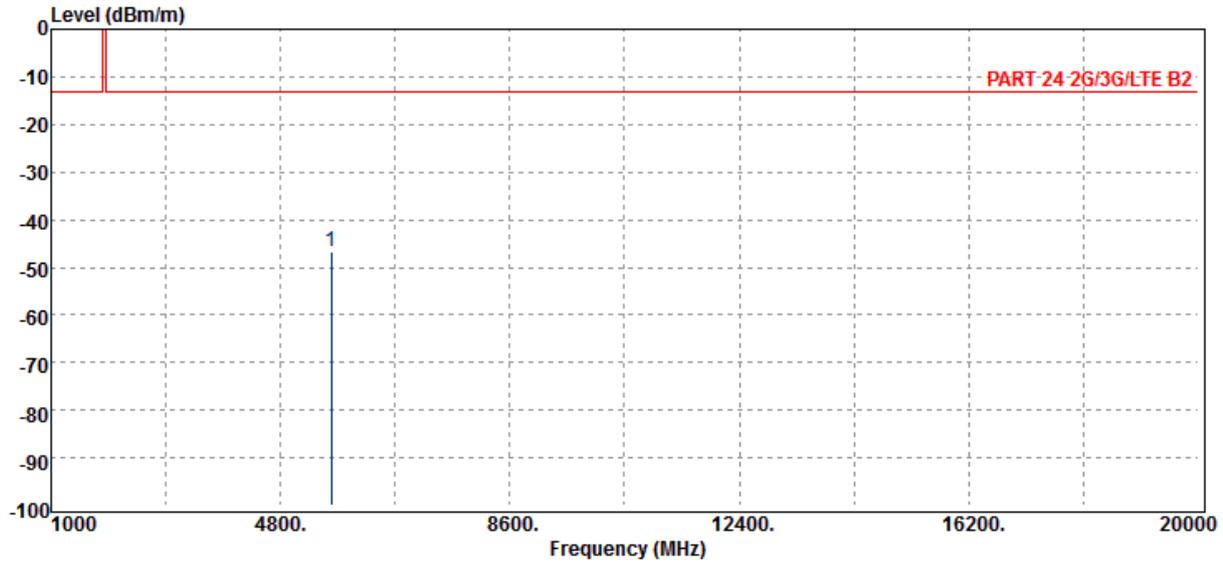
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 661	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1880.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

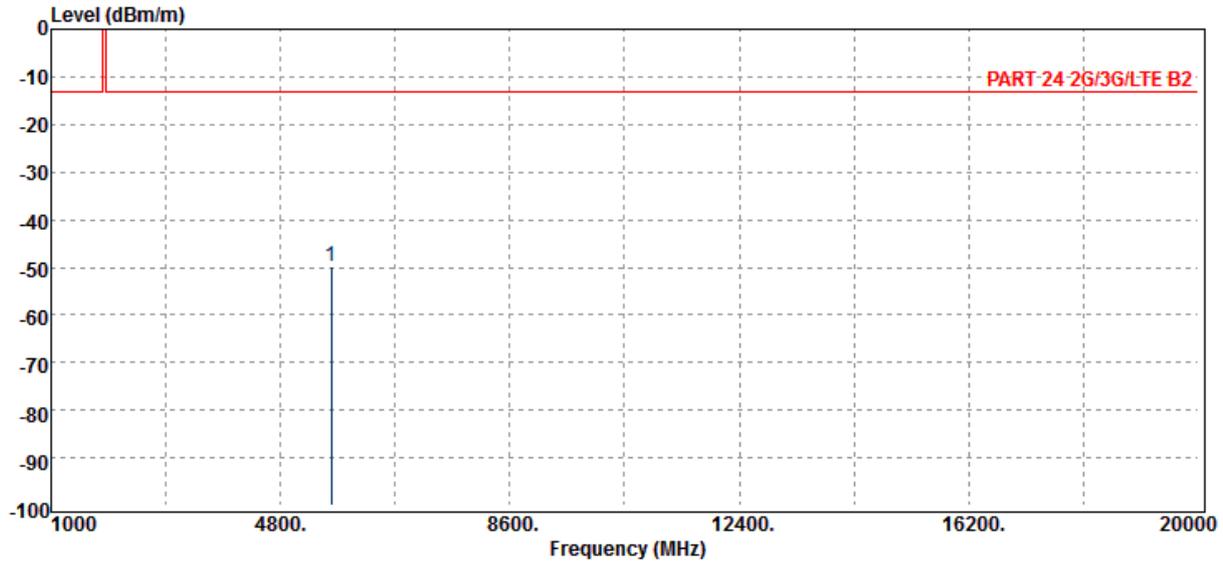


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
5640.00	H	-46.57	-48.09	10.11	-8.59	-13.00	-33.57

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.

ARFCN	:CH 661	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1880.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
5640.00	H	-49.75	-51.27	10.11	-8.59	-13.00	-36.75

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

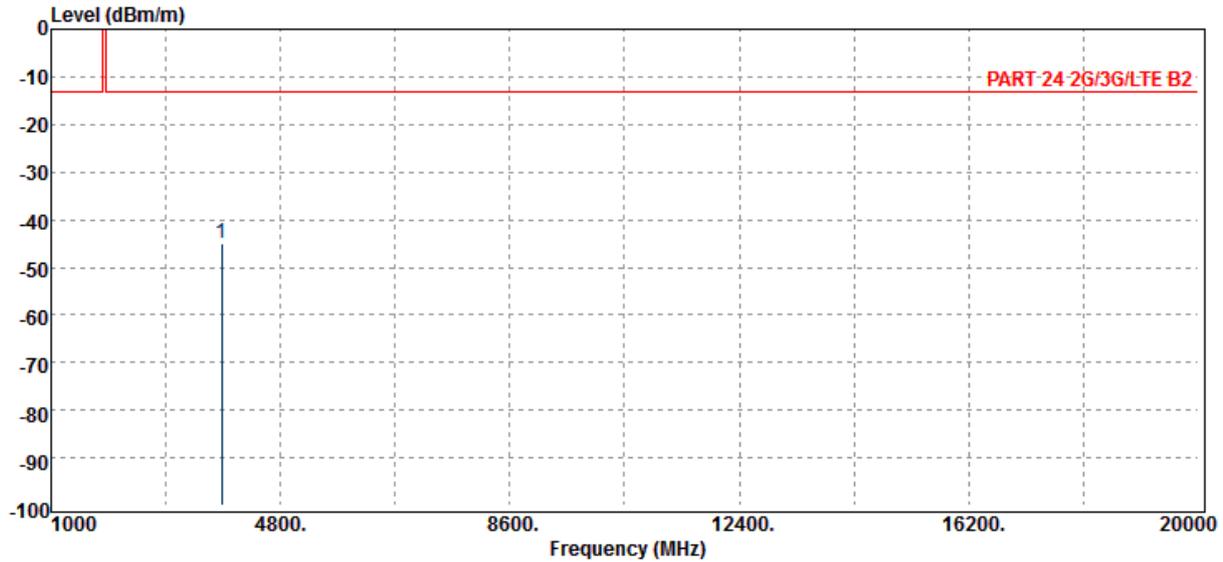
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 810	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1909.8 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



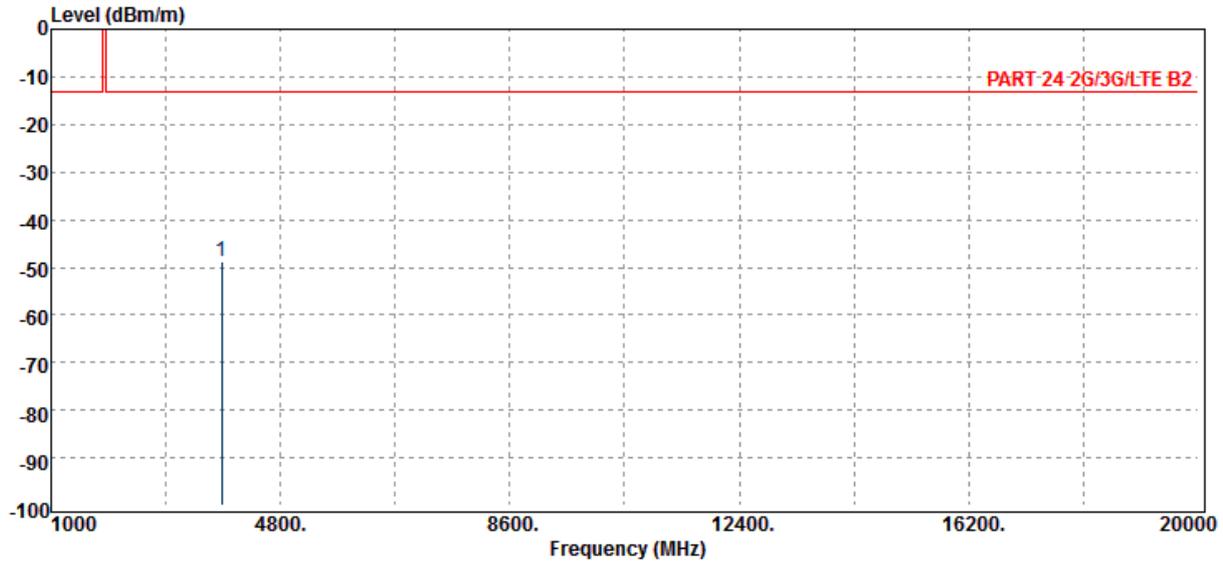
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3819.60	H	-44.97	-46.41	8.50	-7.05	-13.00	-31.97

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

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

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

ARFCN	:CH 810	Test Date	:2015-08-28
Operation Band	:GPRS 1900	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1909.8 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3819.60	H	-48.69	-50.14	8.50	-7.05	-13.00	-35.69

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

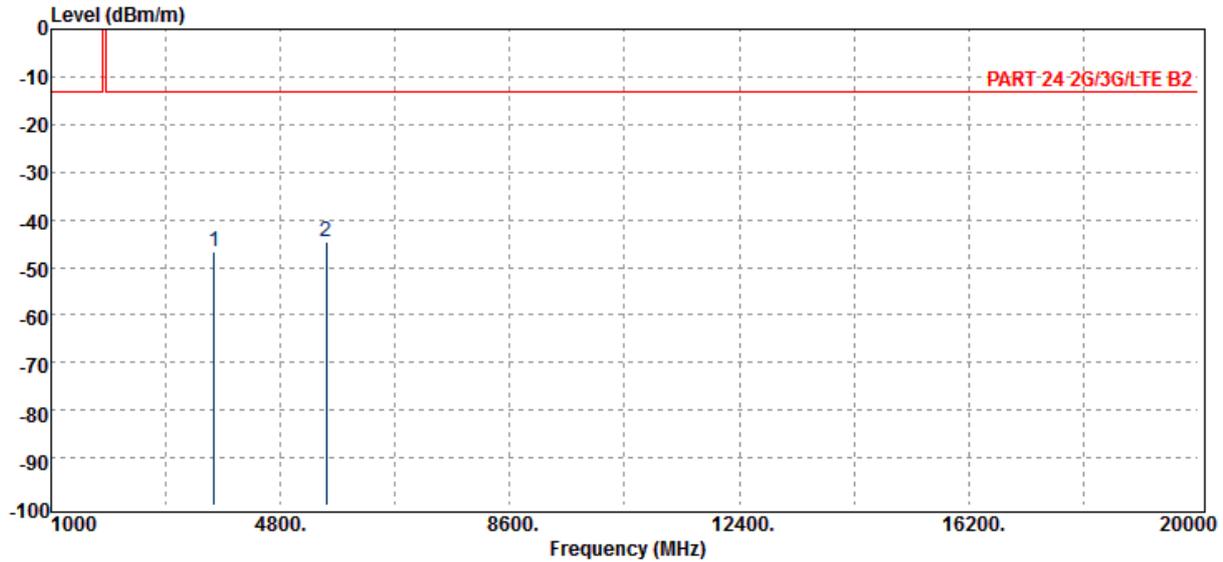
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: HSDPA II Mode

ARFCN	:CH 9262	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1852.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

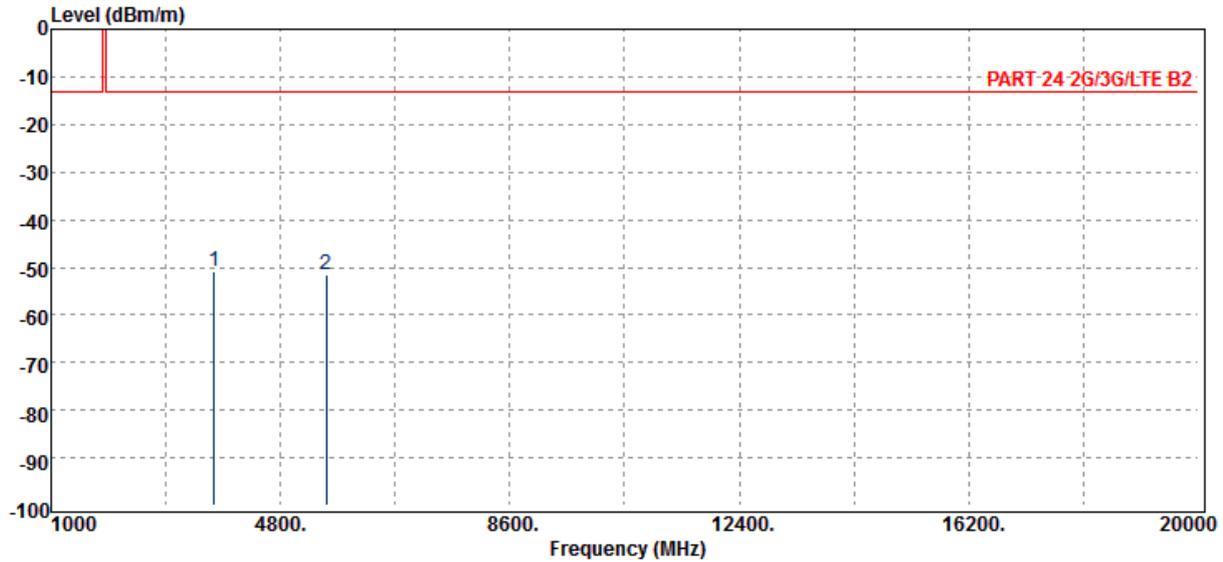


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3704.80	H	-46.77	-48.31	8.43	-6.89	-13.00	-33.77
5557.20	H	-44.72	-46.28	10.10	-8.54	-13.00	-31.72

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.

ARFCN	:CH 9262	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1852.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3704.80	H	-50.80	-52.34	8.43	-6.89	-13.00	-37.80
5557.20	H	-51.68	-53.24	10.10	-8.54	-13.00	-38.68

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

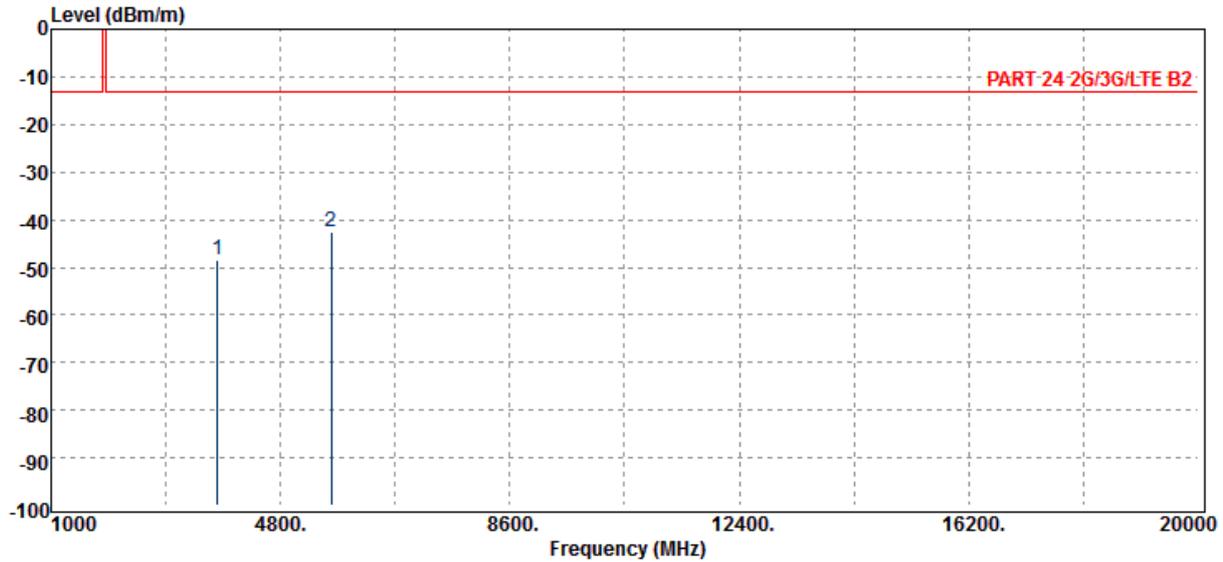
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 9400	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1880.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

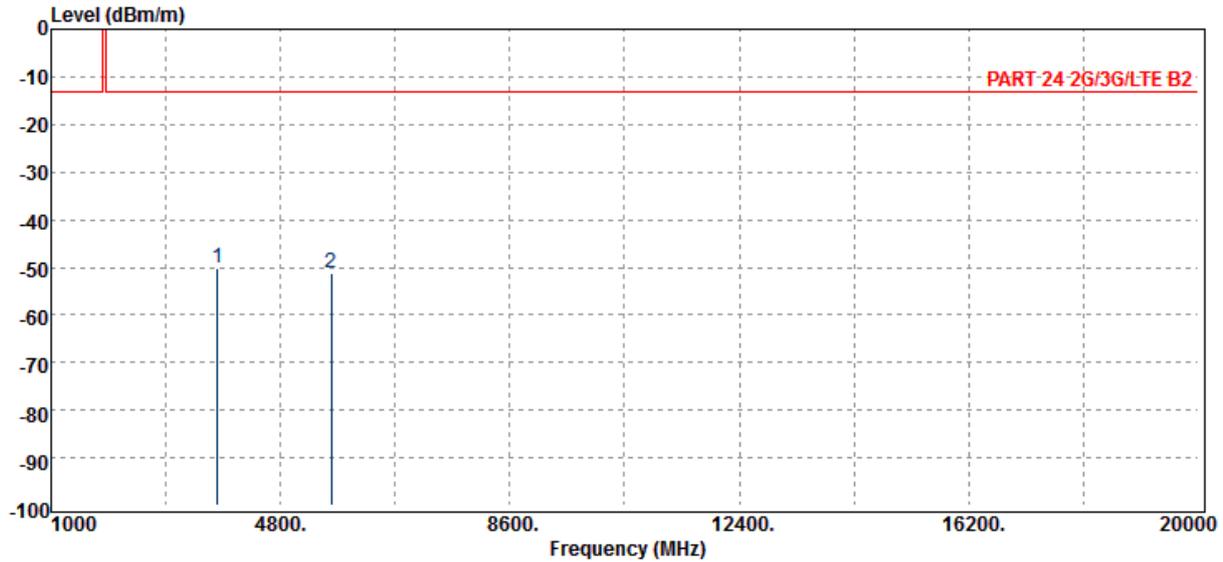


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3760.00	H	-48.43	-49.87	8.46	-7.02	-13.00	-35.43
5640.00	H	-42.40	-43.92	10.11	-8.59	-13.00	-29.40

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

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

ARFCN	:CH 9400	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1880.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3760.00	H	-50.33	-51.77	8.46	-7.02	-13.00	-37.33
5640.00	H	-51.27	-52.79	10.11	-8.59	-13.00	-38.27

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

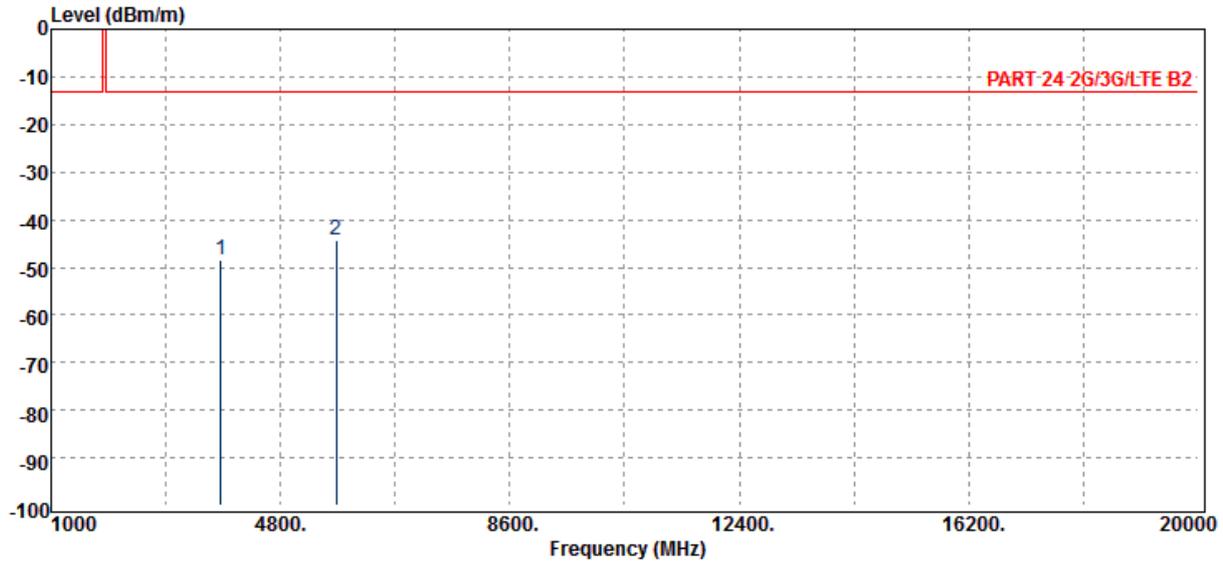
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 9538	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1907.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3815.20	H	-48.49	-49.93	8.49	-7.05	-13.00	-35.49
5722.80	H	-44.30	-45.79	10.12	-8.63	-13.00	-31.30

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

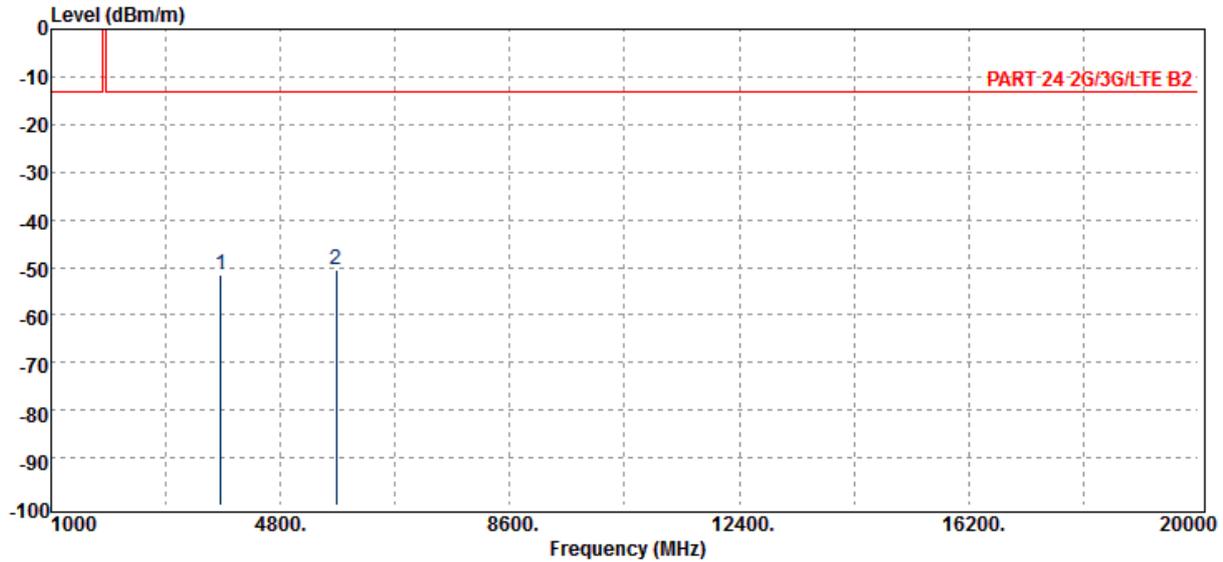
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 9538	Test Date	:2015-08-28
Operation Band	:HSDPA B2	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1907.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



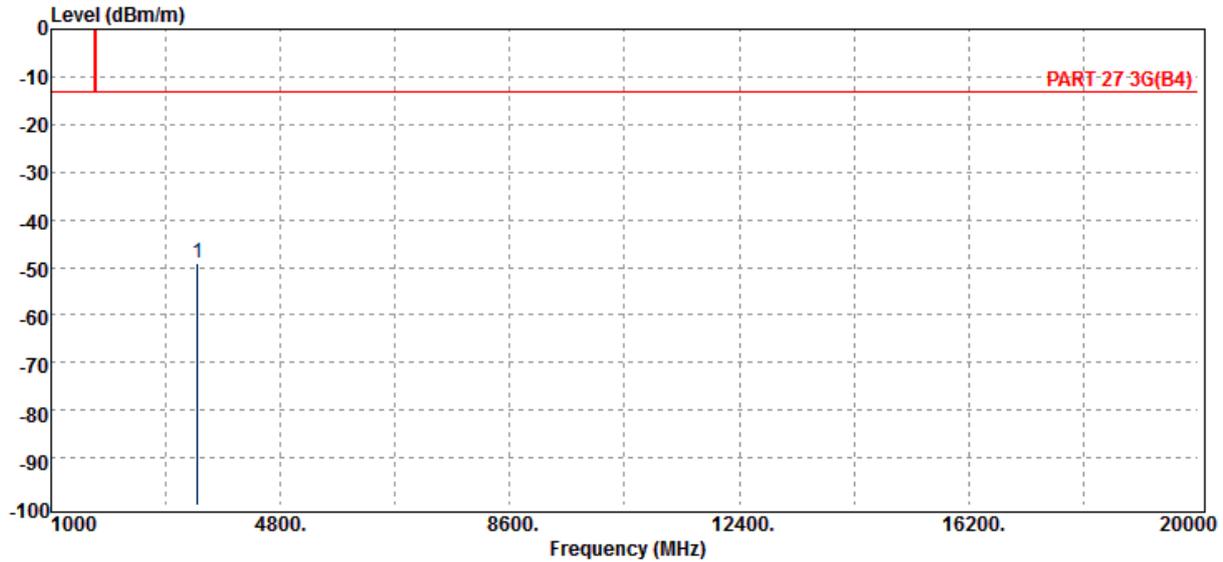
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3815.20	H	-51.39	-52.83	8.49	-7.05	-13.00	-38.39
5722.80	H	-50.62	-52.11	10.12	-8.63	-13.00	-37.62

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

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

Radiated Spurious Emission Measurement Result: HSDPA IV Mode

ARFCN	:CH 1312	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1712.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



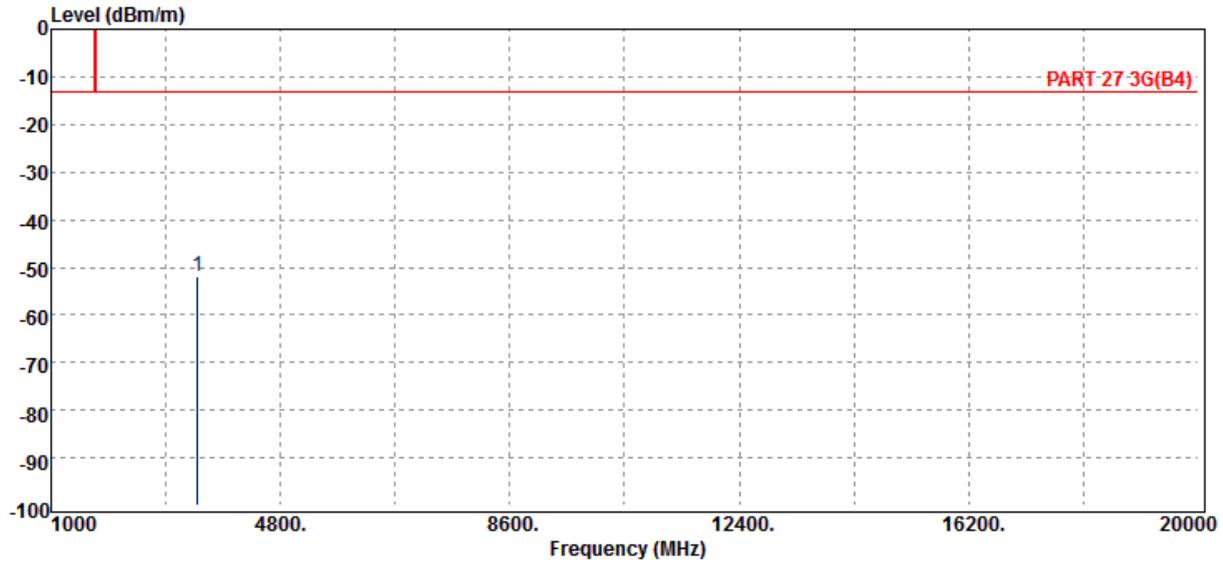
Freq.	Note	EIRP	SG	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Output Level dBm	Gain dBi	Loss dB	dBm	dB
3424.80	H	-49.11	-50.65	8.09	-6.54	-13.00	-36.11

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

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

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

ARFCN	:CH 1312	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1712.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3424.80	H	-52.02	-53.57	8.09	-6.54	-13.00	-39.02

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

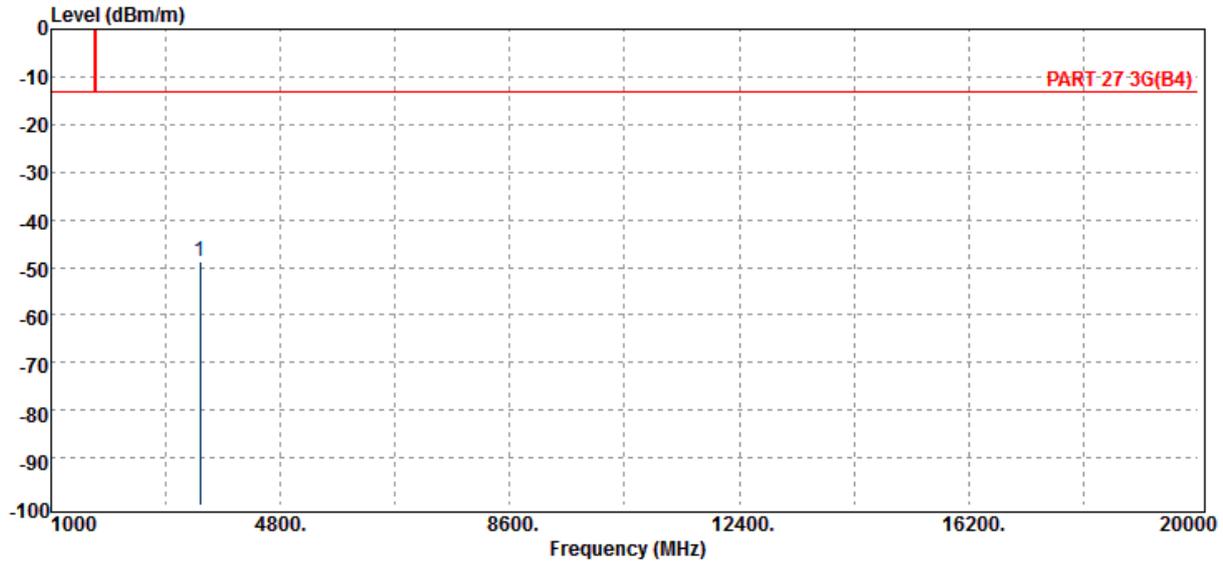
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 1413	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1732.6 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3465.20	H	-48.95	-50.62	8.20	-6.53	-13.00	-35.95

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

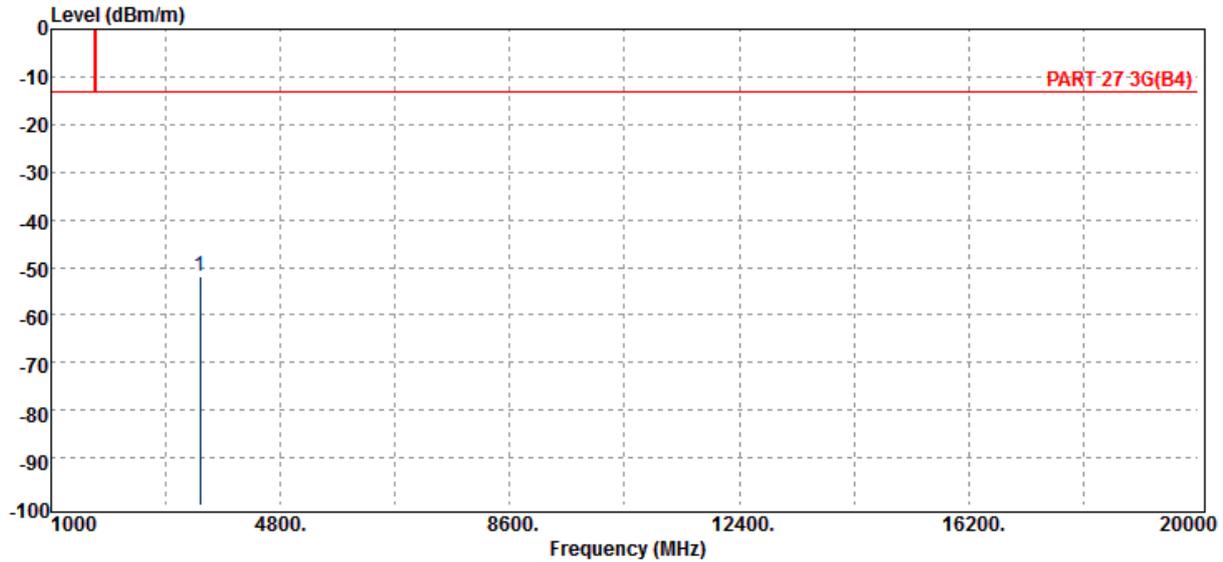
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 1413	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1732.6 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL

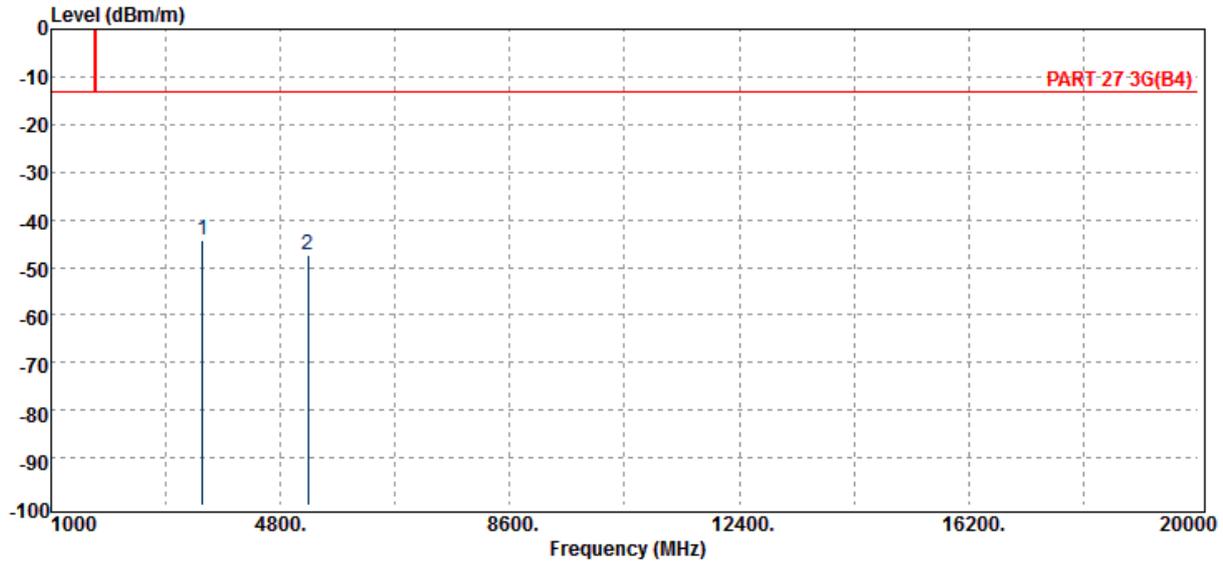


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3465.20	H	-51.91	-53.57	8.20	-6.53	-13.00	-38.91

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.

ARFCN	:CH 1513	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1752.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



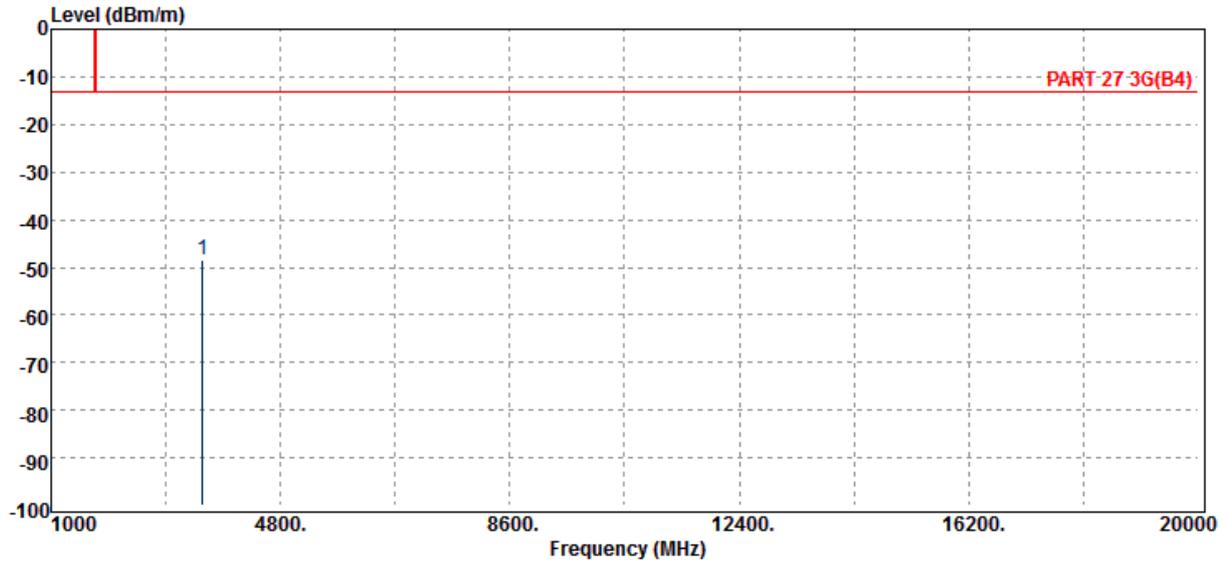
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3505.20	H	-44.30	-45.93	8.30	-6.68	-13.00	-31.30
5257.80	H	-47.27	-48.65	9.96	-8.57	-13.00	-34.27

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

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

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

ARFCN	:CH 1513	Test Date	:2015-08-28
Operation Band	:HSDPA B4	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:1752.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq.	Note	EIRP	SG	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Output Level dBm	Gain dBi	Loss dB	dBm	dB
3505.20	H	-48.36	-49.98	8.30	-6.68	-13.00	-35.36

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

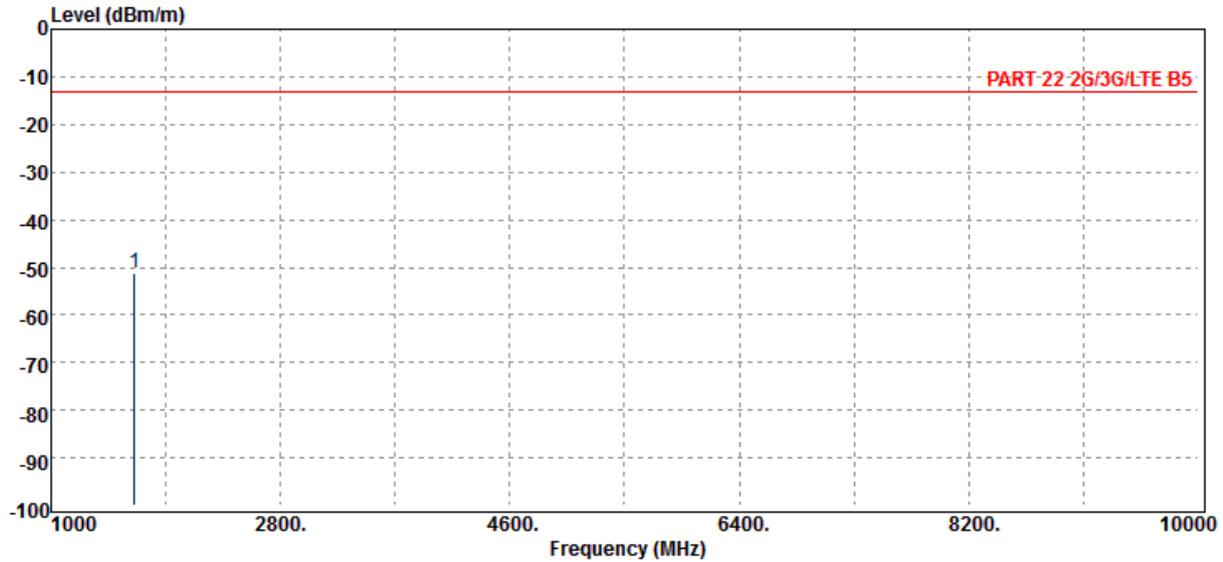
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: HSDPA V Mode

ARFCN	:CH 4132	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:826.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



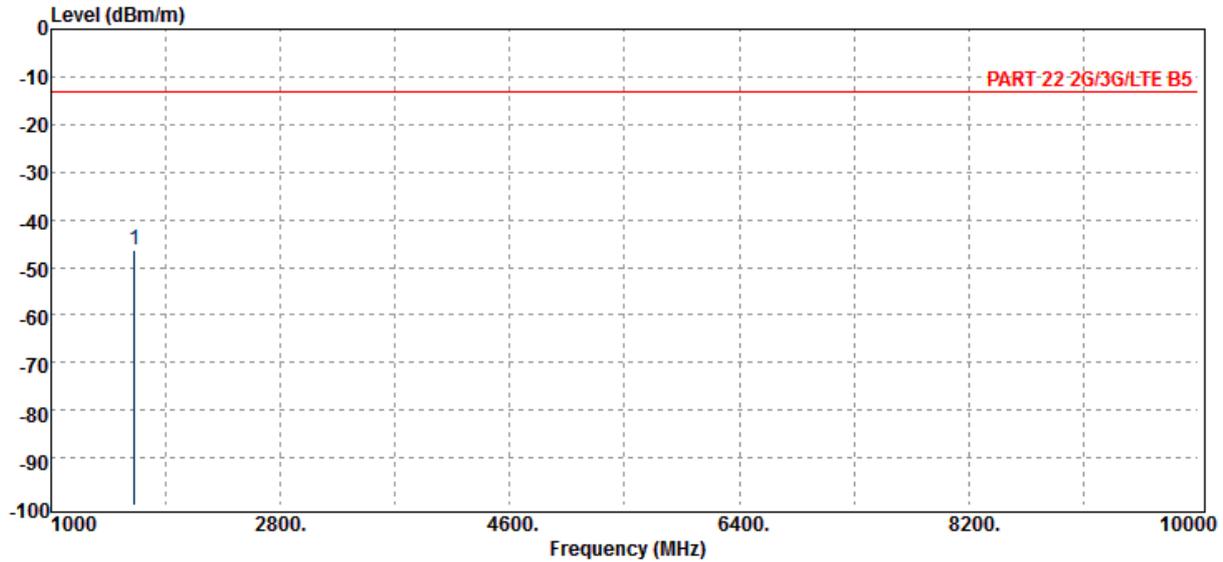
Freq.	Note	ERP	SG	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Output Level dBm	Gain dBd	Loss dB	dBm	dB
1652.80	H	-51.16	-49.99	3.05	-4.22	-13.00	-38.16

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.

ARFCN	:CH 4132	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:826.4 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



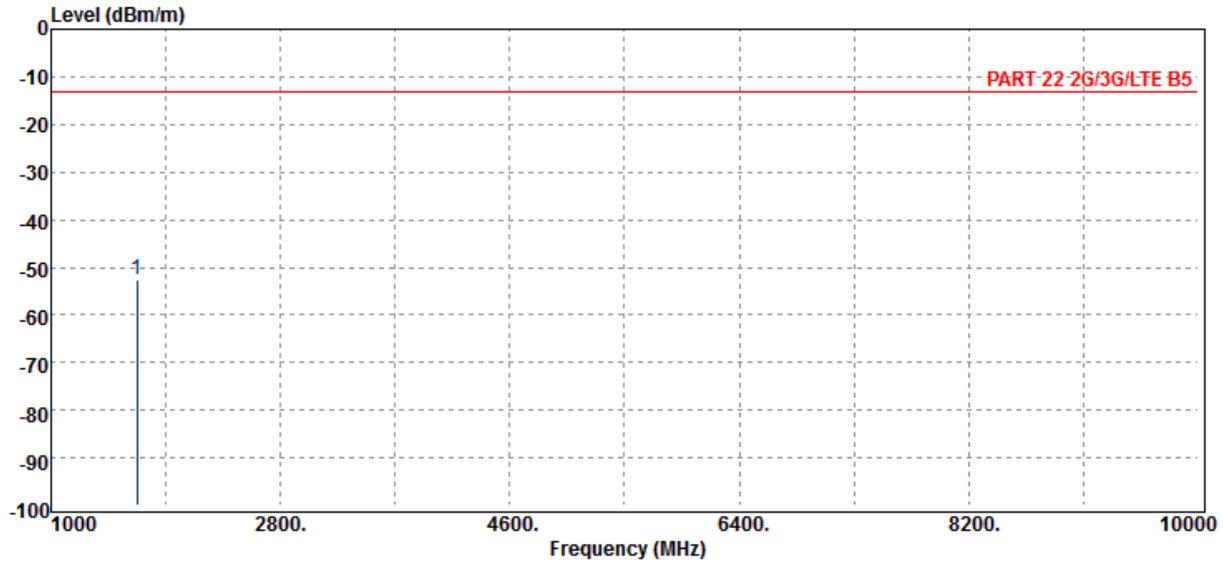
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1652.80	H	-46.47	-45.29	3.05	-4.22	-13.00	-33.47

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

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

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

ARFCN	:CH 4183	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.6 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1673.20	H	-52.62	-51.37	3.01	-4.26	-13.00	-39.62

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

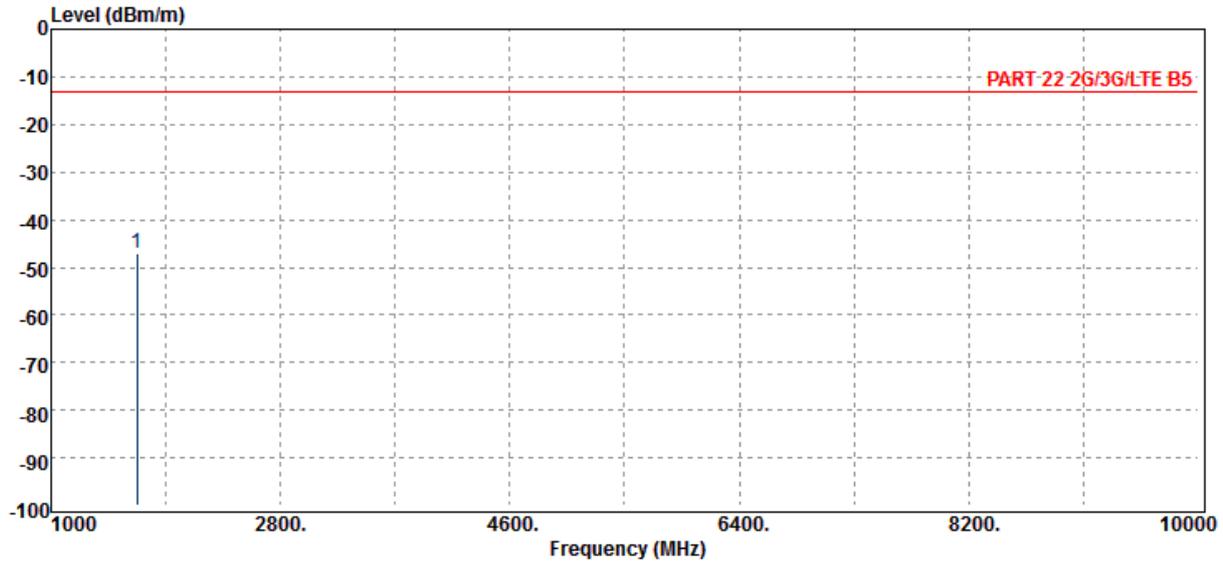
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 4183	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.6 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1673.20	H	-46.90	-45.65	3.01	-4.26	-13.00	-33.90

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

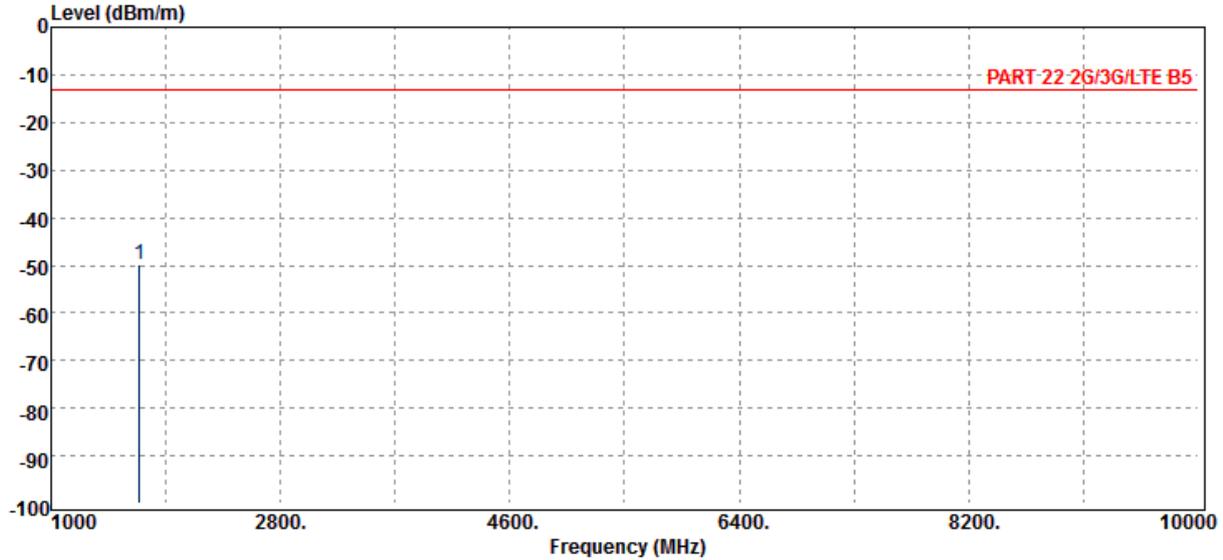
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 4233	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:846.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

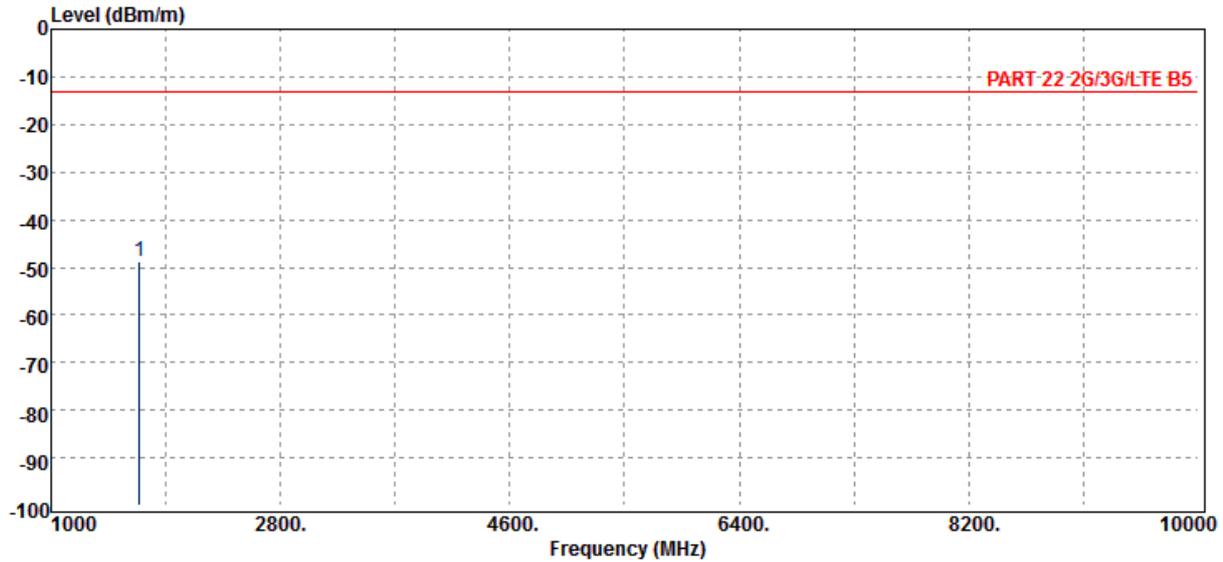


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1693.20	H	-49.69	-48.38	2.97	-4.27	-13.00	-36.69

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

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

ARFCN	:CH 4233	Test Date	:2015-08-28
Operation Band	:HSDPA B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:846.6 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



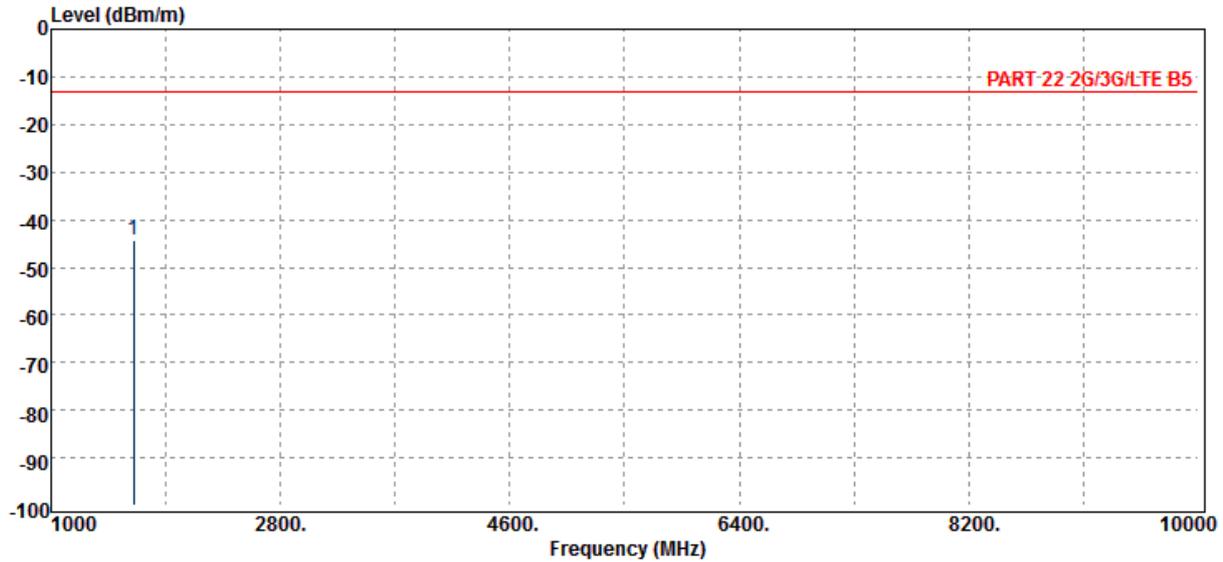
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1693.20	H	-48.77	-47.47	2.97	-4.27	-13.00	-35.77

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.

Radiated Spurious Emission Measurement Result: CDMA BC0 Mode

ARFCN	:CH 1013	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:824.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



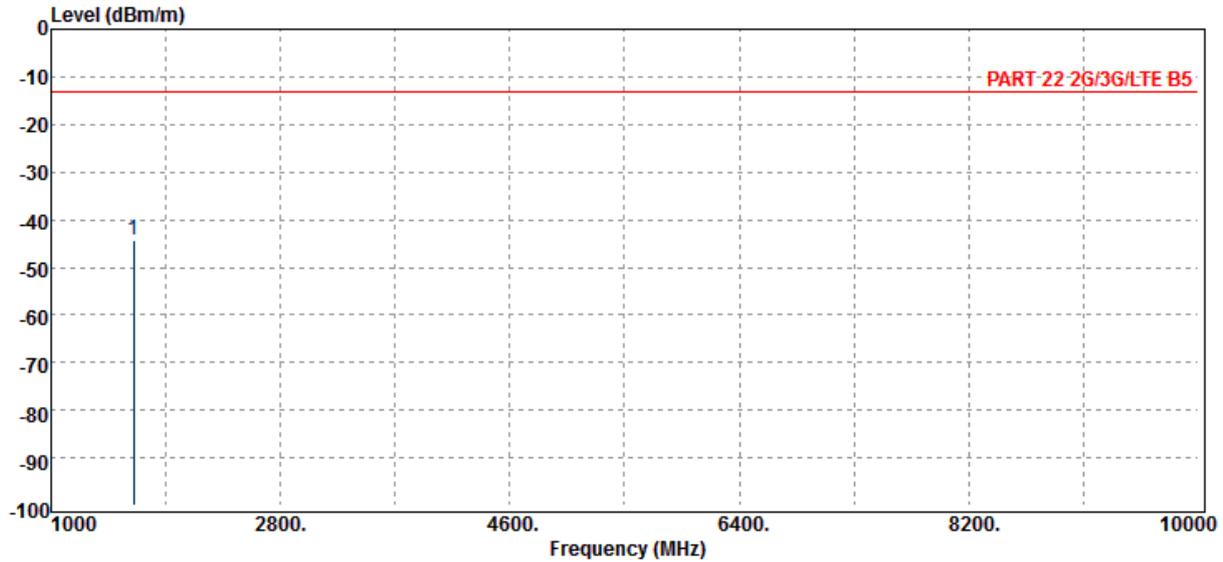
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1649.40	S	-44.35	-43.19	3.05	-4.21	-13.00	-31.35

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

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

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

ARFCN	:CH 1013	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:824.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1649.40	S	-44.37	-43.21	3.05	-4.21	-13.00	-31.37

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

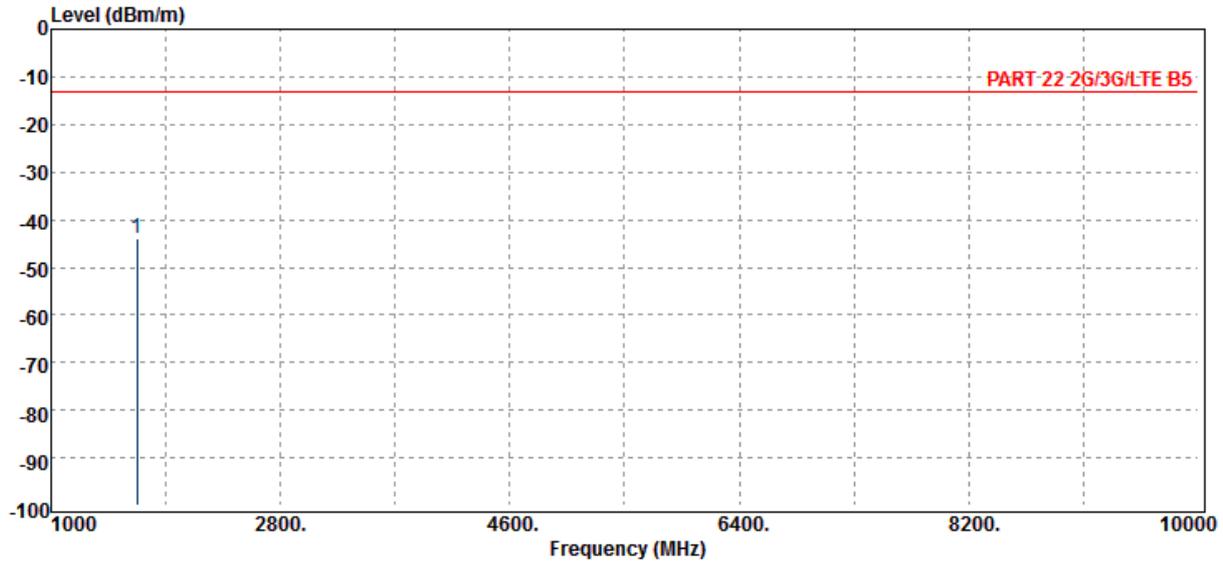
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 384	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:836.52 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

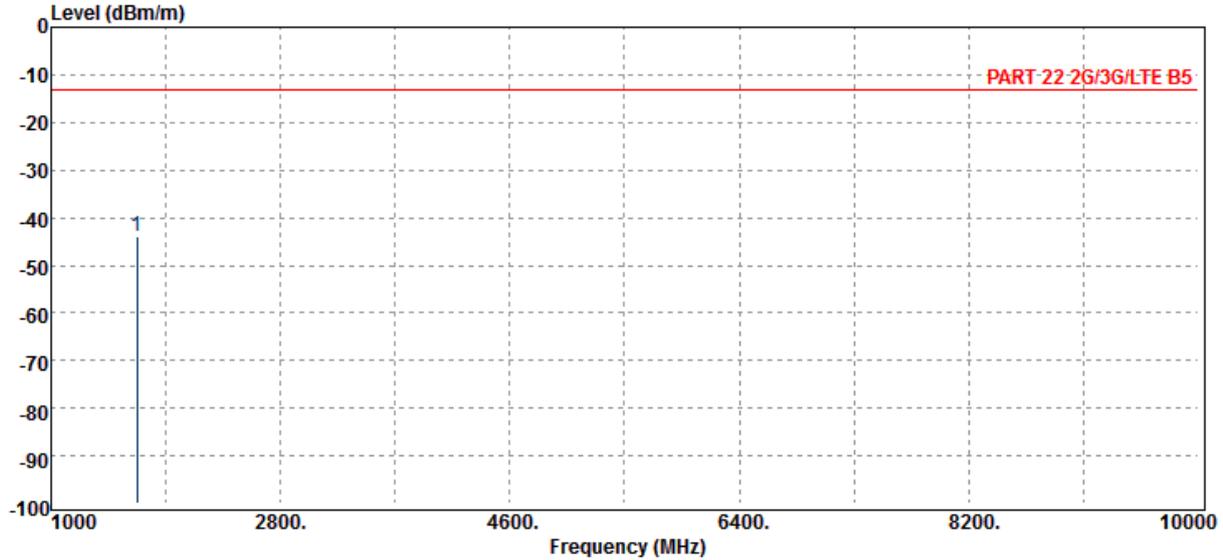


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1673.04	S	-44.10	-42.86	3.01	-4.26	-13.00	-31.10

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

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

ARFCN	:CH 384	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:836.52 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1673.04	S	-43.95	-42.71	3.01	-4.26	-13.00	-30.95

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

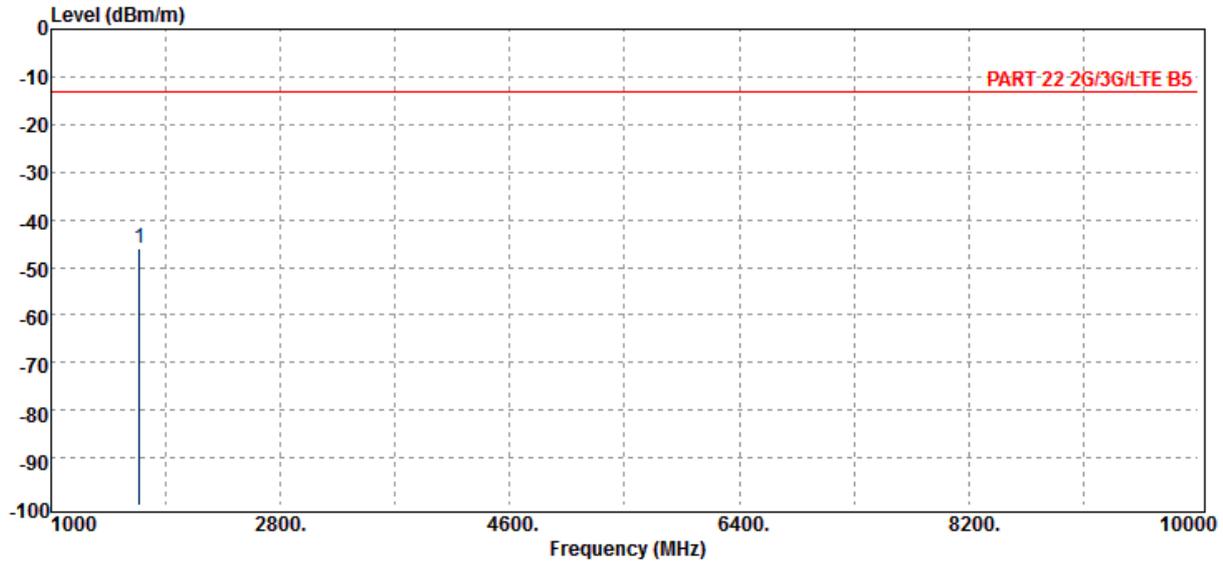
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 777	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:848.31 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq.	Note	ERP	SG	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Output Level dBm	Gain dBd	Loss dB	dBm	dB
1696.62	S	-45.98	-44.66	2.96	-4.28	-13.00	-32.98

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

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

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

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

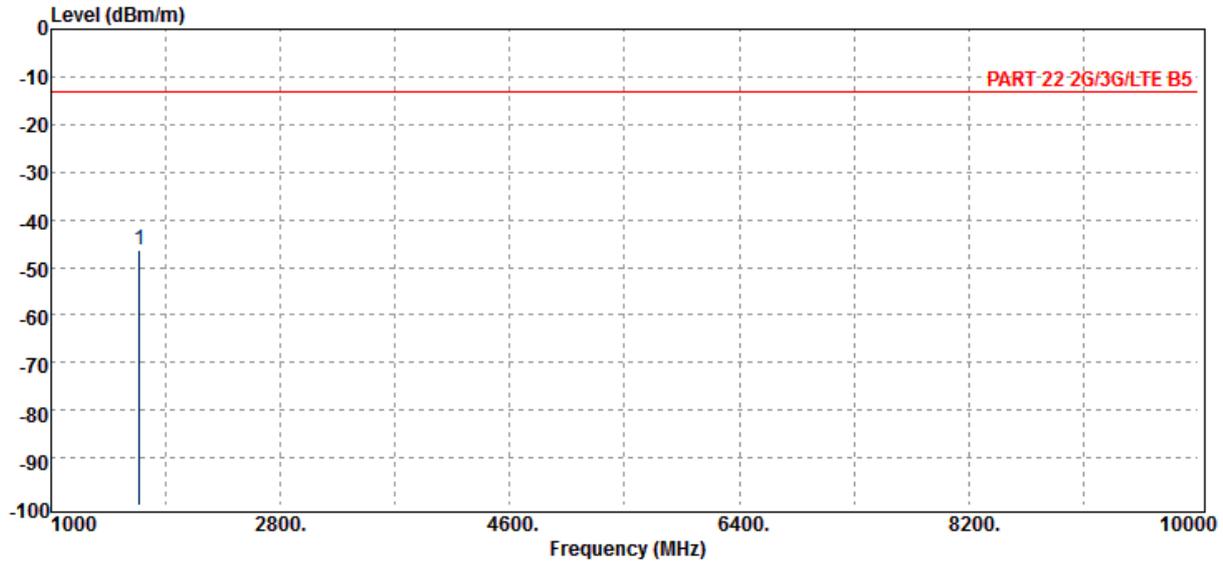
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 777	Test Date	:2015-08-28
Operation Band	:CDMA 850	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:848.31 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1696.62	S	-46.46	-45.15	2.96	-4.28	-13.00	-33.46

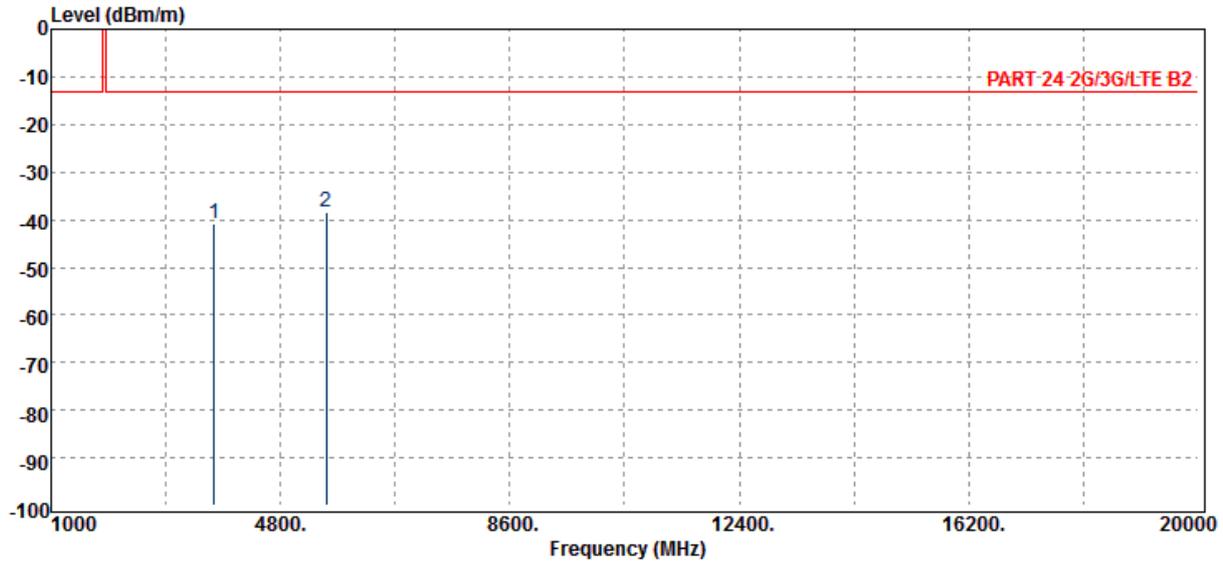
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Radiated Spurious Emission Measurement Result: CDMA BC1 Mode

ARFCN	:CH 25	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1851.25 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

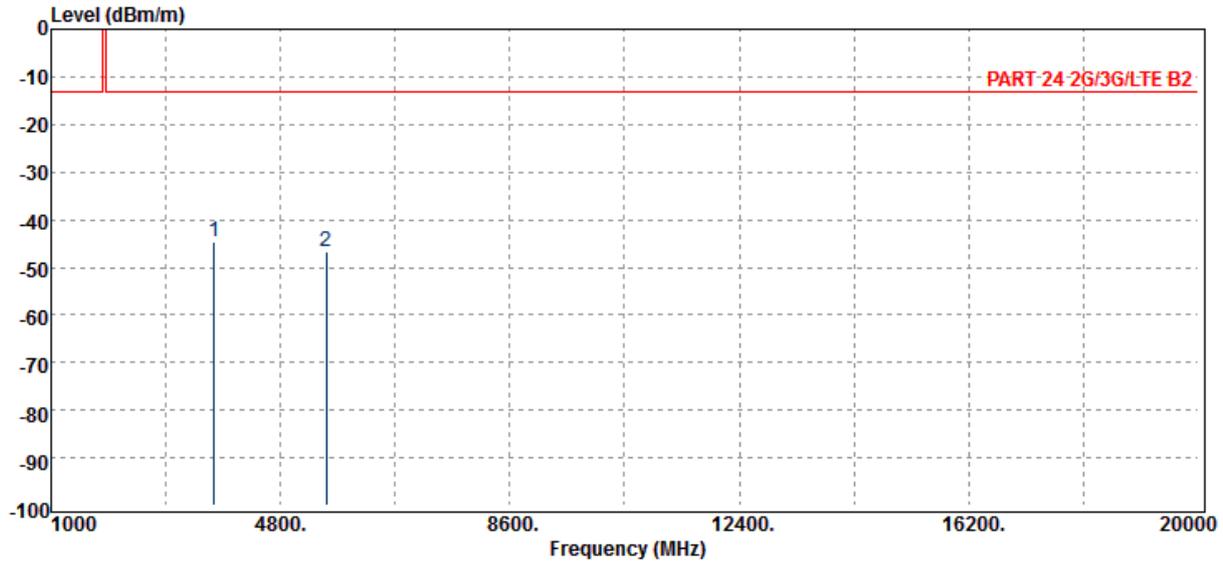


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3702.50	H	-40.91	-42.46	8.43	-6.88	-13.00	-27.91
5553.75	H	-38.50	-40.06	10.10	-8.54	-13.00	-25.50

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

ARFCN	:CH 25	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1851.25 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL

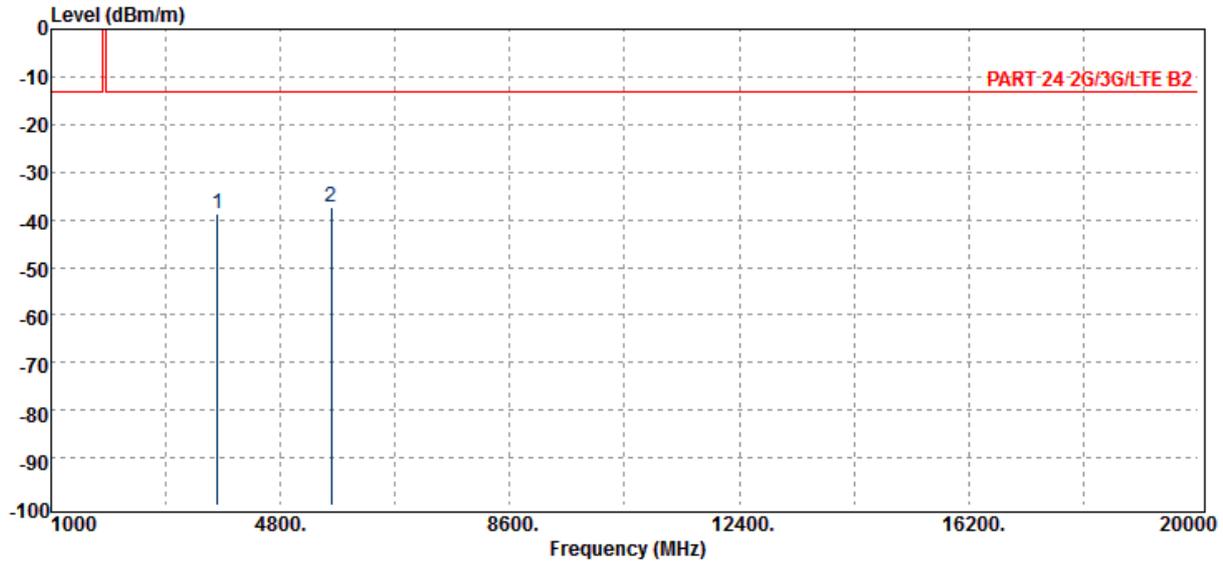


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3702.50	H	-44.63	-46.17	8.43	-6.88	-13.00	-31.63
5553.75	H	-46.60	-48.16	10.10	-8.54	-13.00	-33.60

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

ARFCN	:CH 600	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1880 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3760.00	H	-38.58	-40.02	8.46	-7.02	-13.00	-25.58
5640.00	H	-37.39	-38.91	10.11	-8.59	-13.00	-24.39

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

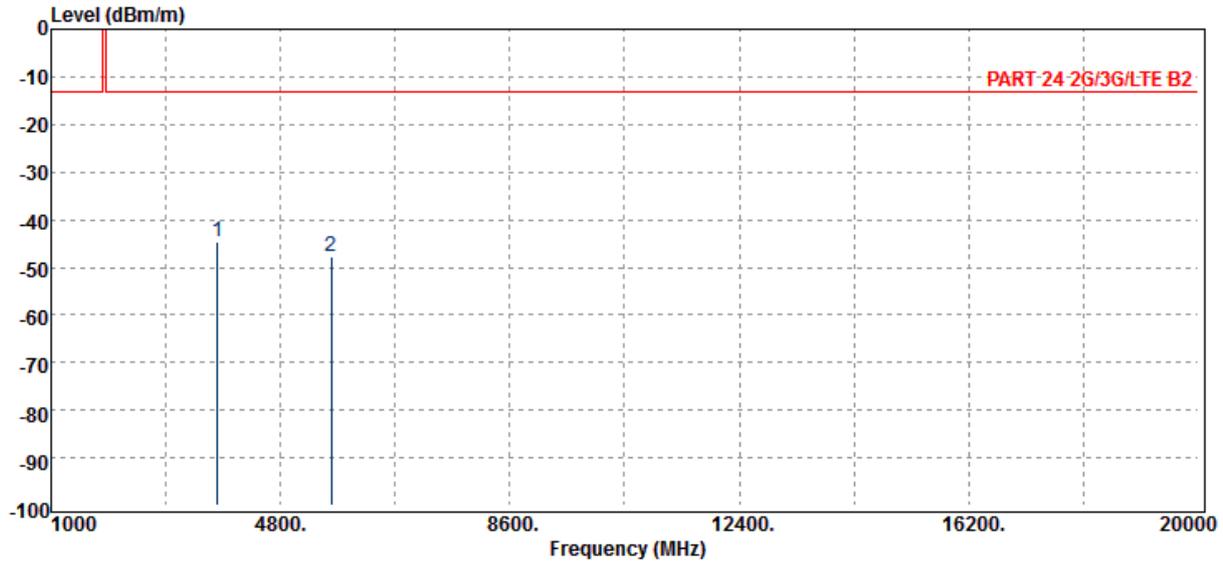
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 600	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1880 MHz	Engineer	:Tin
Operation Mode	:TX MID	Measurement Antenna Pol.	:HORIZONTAL
EUT Pol.	:H Plane		

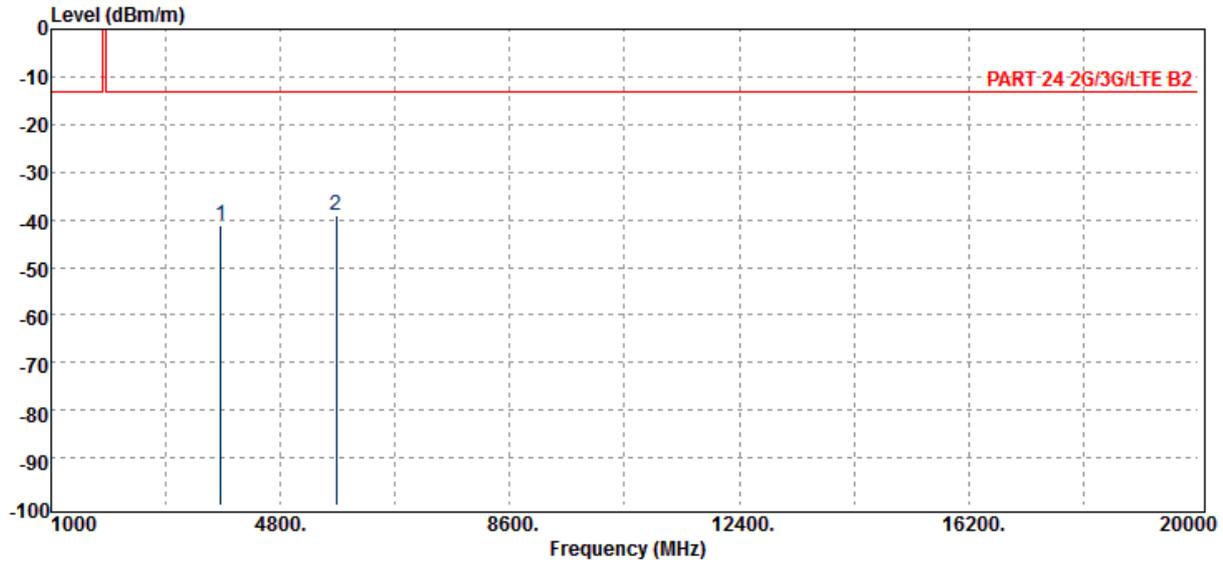


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3760.00	H	-44.64	-46.08	8.46	-7.02	-13.00	-31.64
5640.00	H	-47.77	-49.29	10.11	-8.59	-13.00	-34.77

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.

ARFCN	:CH 1175	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1908.75 MHz	Engineer	:Tin
Operation Mode	:TX HIGH	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3817.50	H	-41.02	-42.46	8.50	-7.05	-13.00	-28.02
5726.25	H	-39.04	-40.53	10.12	-8.63	-13.00	-26.04

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

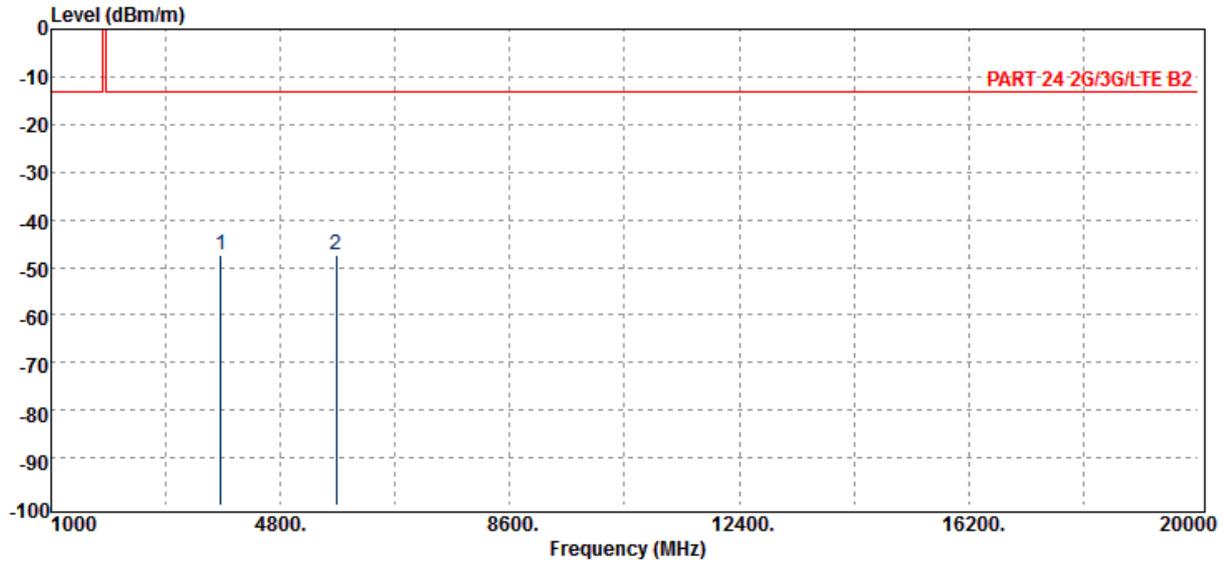
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 1175	Test Date	:2015-08-28
Operation Band	:CDMA 1900	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:1908.75 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



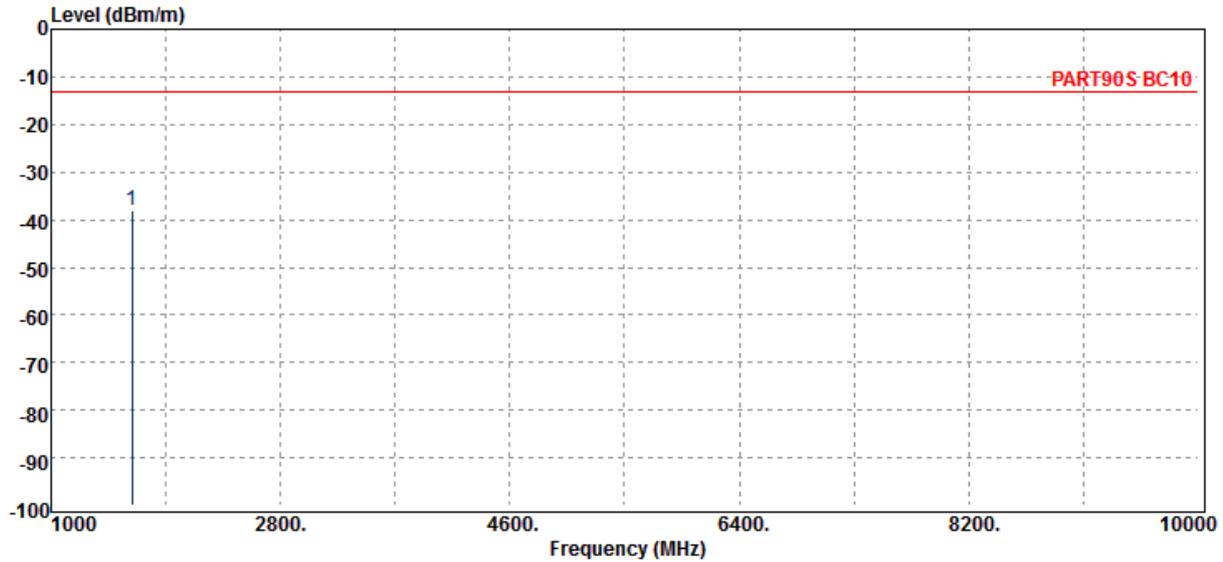
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3817.50	H	-47.34	-48.78	8.50	-7.05	-13.00	-34.34
5726.25	H	-47.40	-48.89	10.12	-8.63	-13.00	-34.40

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Radiated Spurious Emission Measurement Result: CDMA BC10 Mode

ARFCN	:CH 476	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:817.9 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1635.80	H	-38.03	7.12	3.08	-4.19	-13.00	-25.03

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

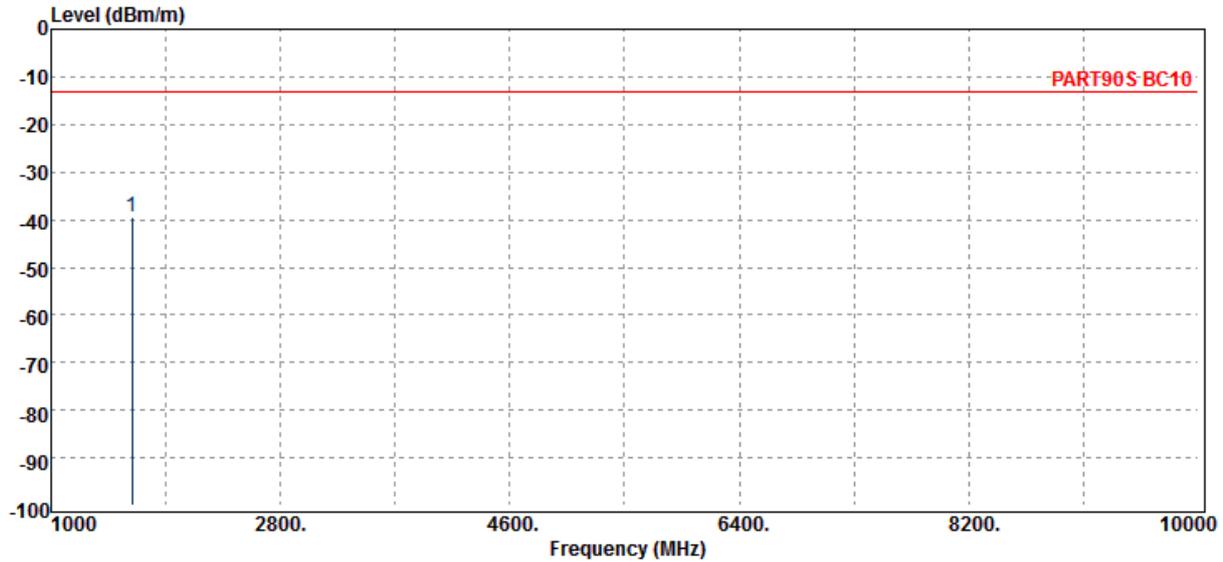
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 476	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:817.9 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL

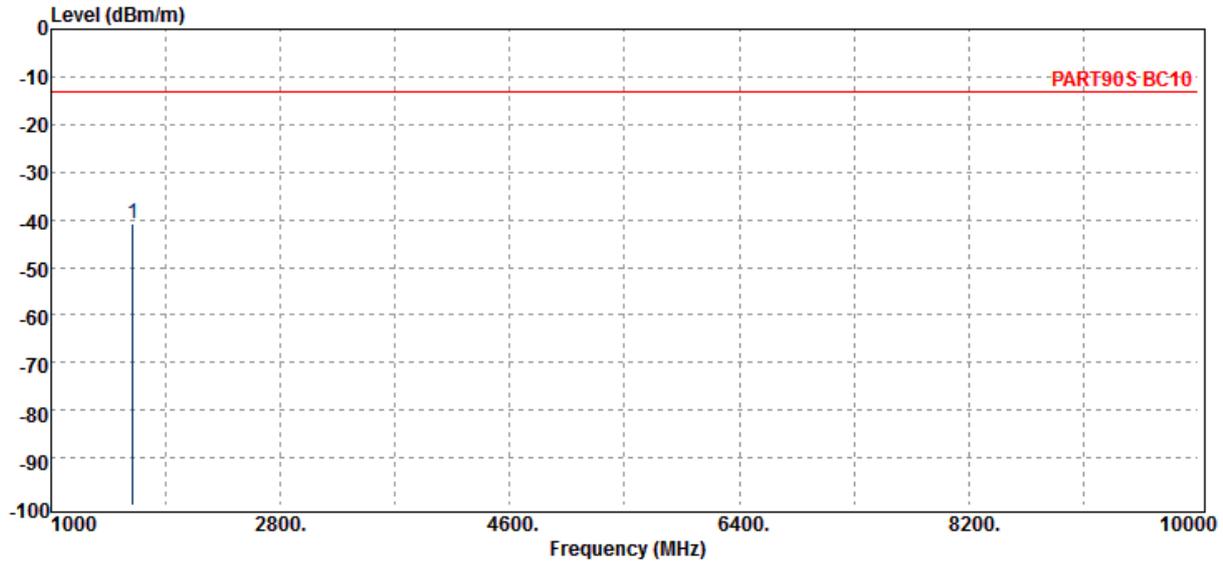


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1635.80	H	-39.30	-38.19	3.08	-4.19	-13.00	-26.30

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

ARFCN	:CH 580	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:820.5 MHz	Engineer	:Tin
Operation Mode	:TX MID	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:H Plane		

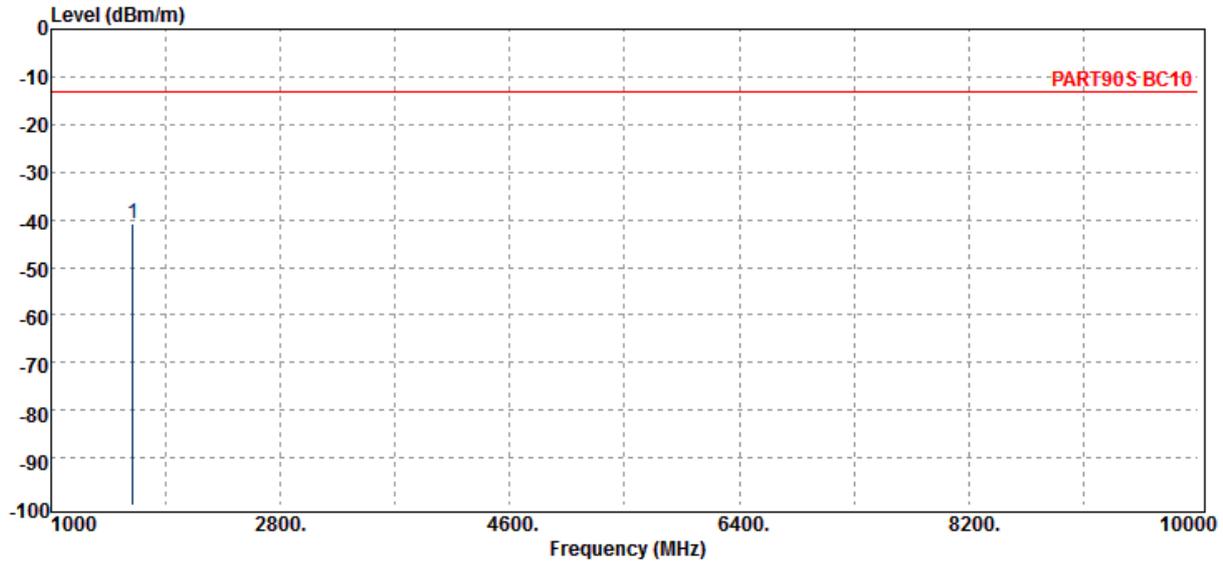


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1641.00	H	-40.73	-39.60	3.07	-4.20	-13.00	-27.73

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.

ARFCN	:CH 580	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:820.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1641.00	H	-40.90	-39.77	3.07	-4.20	-13.00	-27.90

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

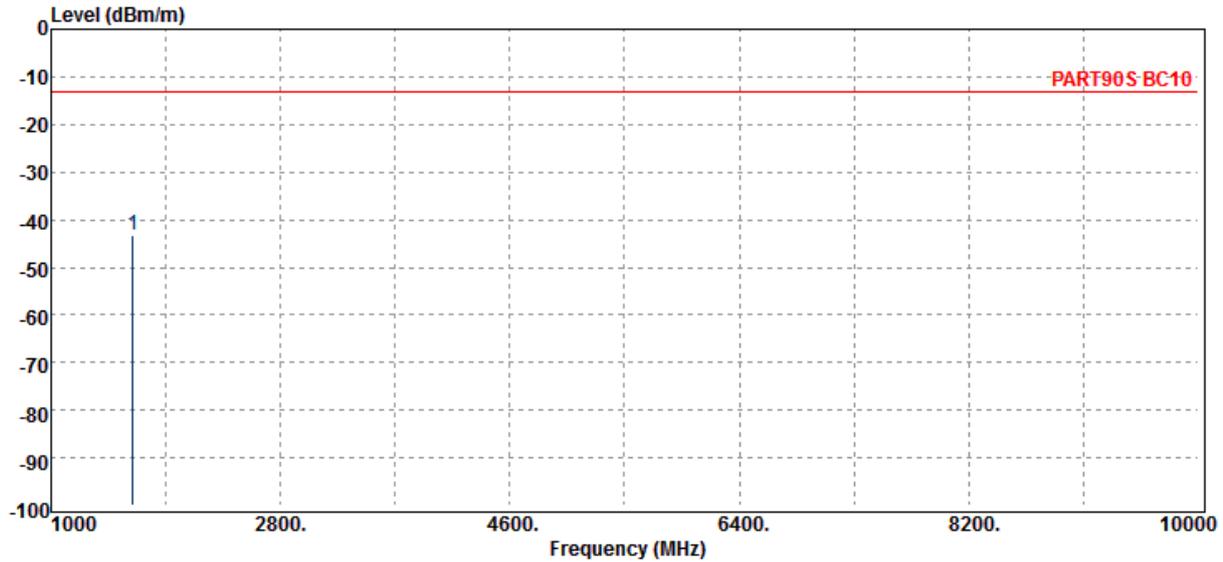
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 684	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:823.1 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



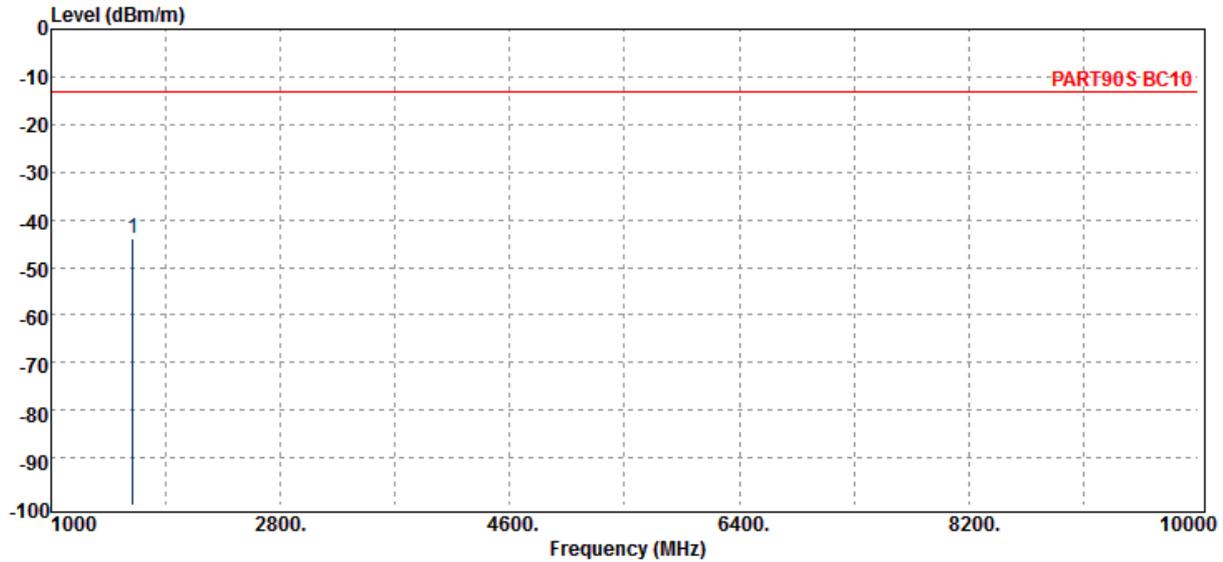
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1642.60	H	-43.20	-42.06	3.07	-4.20	-13.00	-30.20

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

ARFCN	:CH 684	Test Date	:2015-08-28
Operation Band	:CDMA BC10	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:823.1 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



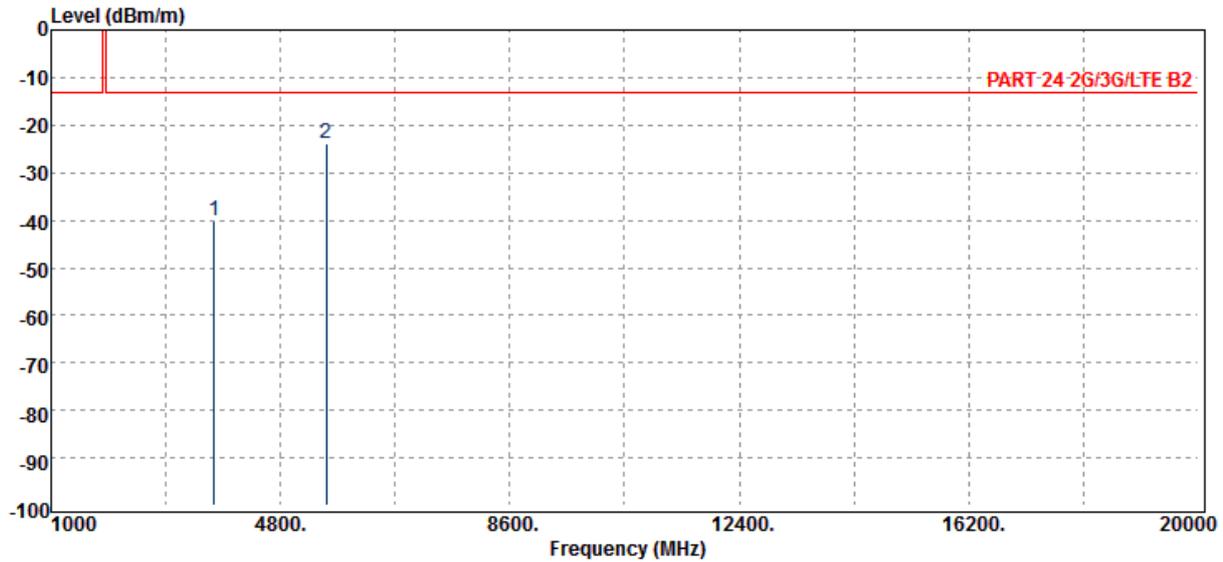
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1642.60	H	-43.88	-42.74	3.07	-4.20	-13.00	-30.88

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Radiated Spurious Emission Measurement Result: 1.4MHz BW LTE-Band 2(The Worst Case)

ARFCN	:CH 18607 QPSK BW 1.4	Test Date	:2015-08-28
	RB 1 5		
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1850.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



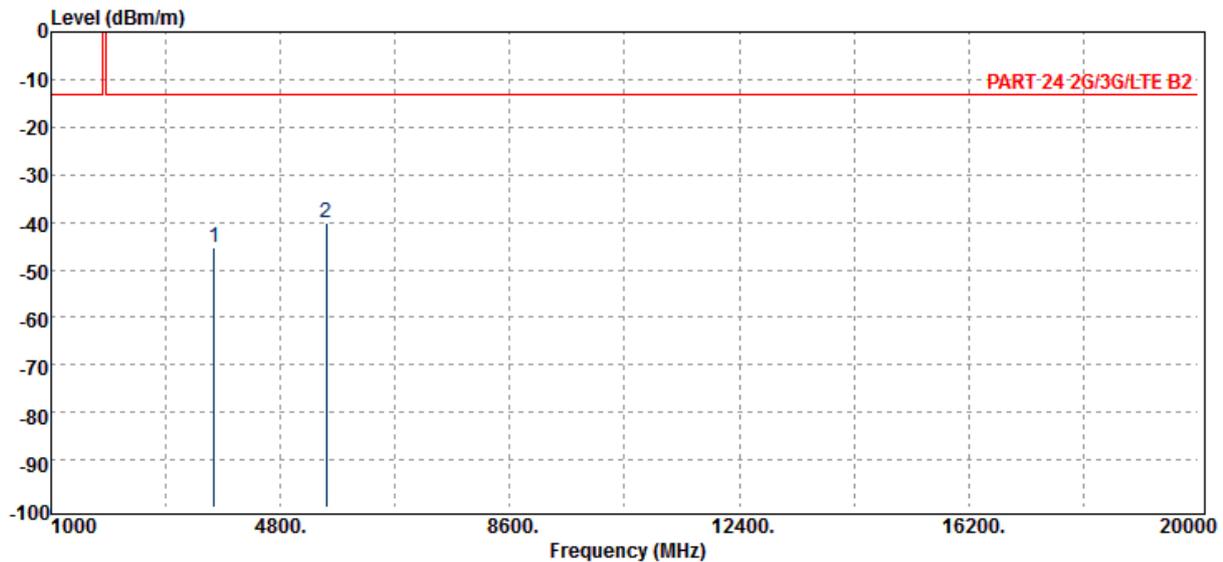
Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Safe Margin dB
3701.40	H	-40.30	-41.84	8.43	-6.88	-13.00	-27.30
5552.10	H	-23.71	-25.27	10.10	-8.55	-13.00	-10.71

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

ARFCN	:CH 18607 QPSK BW 1.4 RB 1 5	Test Date	:2015-08-28
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1850.7 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3701.40	H	-45.18	-46.72	8.43	-6.88	-13.00	-32.18
5552.10	H	-40.07	-41.63	10.10	-8.55	-13.00	-27.07

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

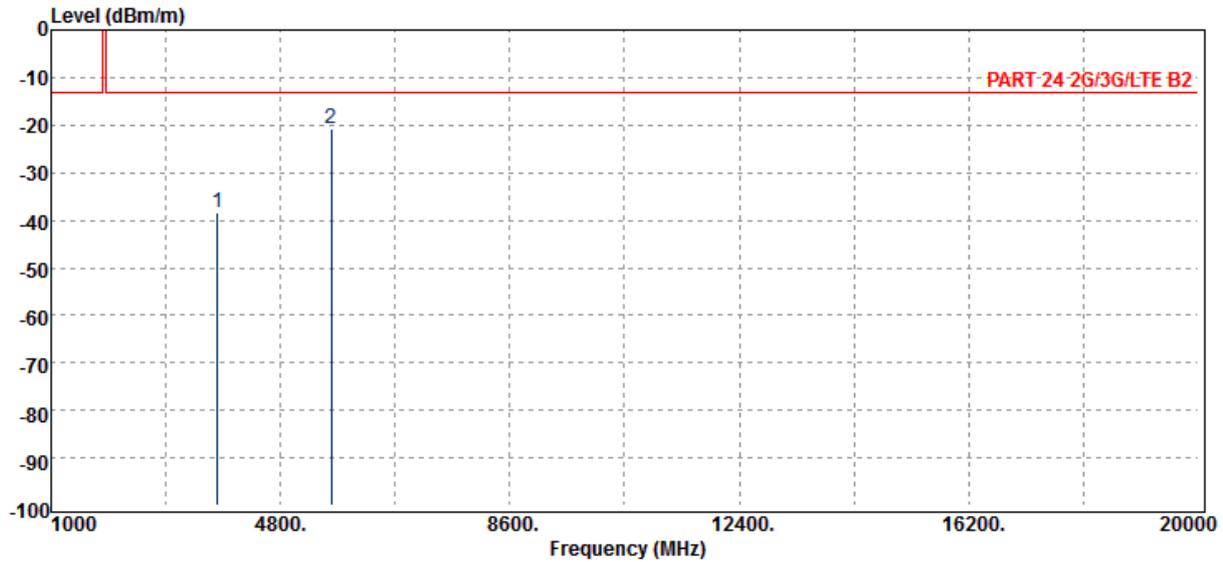
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 18900 QPSK BW 1.4 RB 1 5	Test Date	:2015-08-28
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1880 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

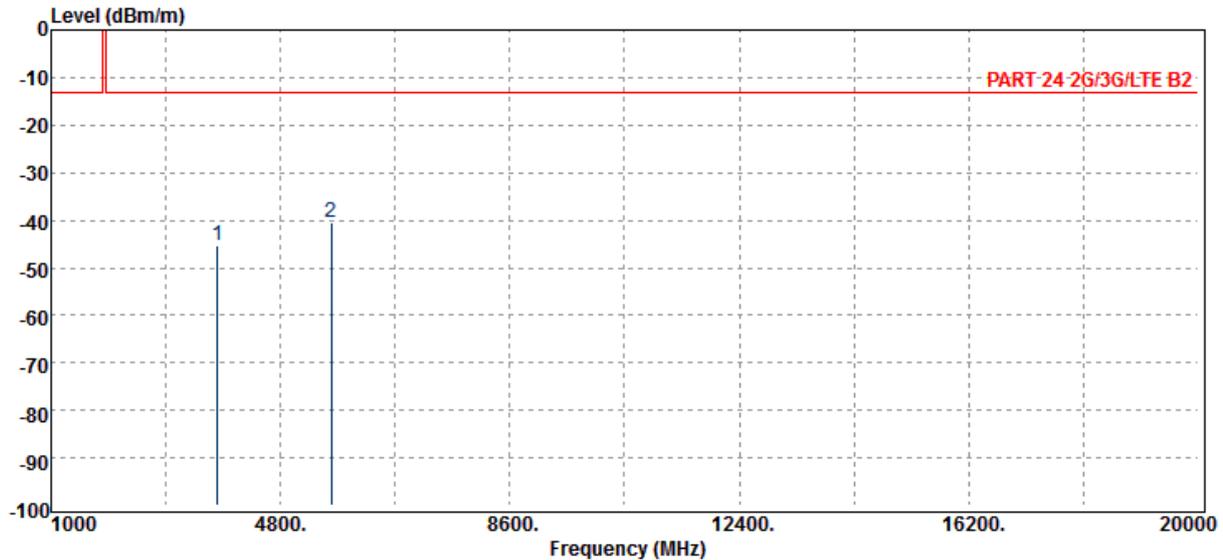


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3760.00	H	-38.41	-39.85	8.46	-7.02	-13.00	-25.41
5640.00	H	-20.70	-22.22	10.11	-8.59	-13.00	-7.70

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

ARFCN	:CH 18900 QPSK BW 1.4 RB 1 5	Test Date	:2015-08-28
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1880 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3760.00	H	-45.45	-46.89	8.46	-7.02	-13.00	-32.45
5640.00	H	-40.37	-41.89	10.11	-8.59	-13.00	-27.37

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

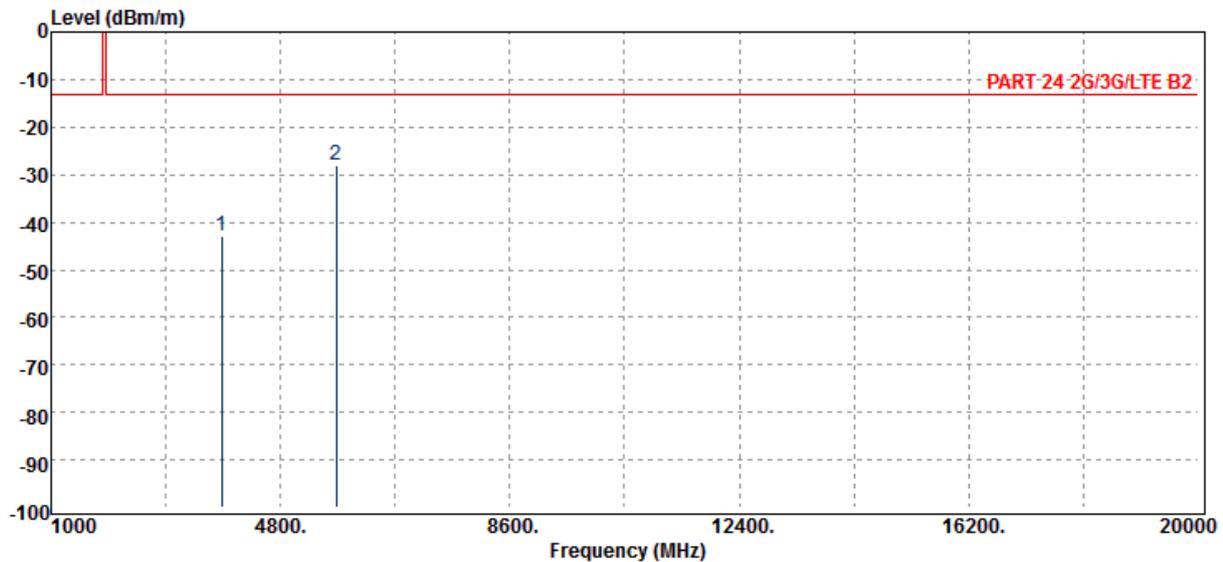
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 19193 QPSK BW 1.4 RB 1 5	Test Date	:2015-08-28
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1909.3 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3818.60	H	-42.78	-44.23	8.50	-7.05	-13.00	-29.78
5727.90	H	-28.02	-29.51	10.12	-8.64	-13.00	-15.02

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

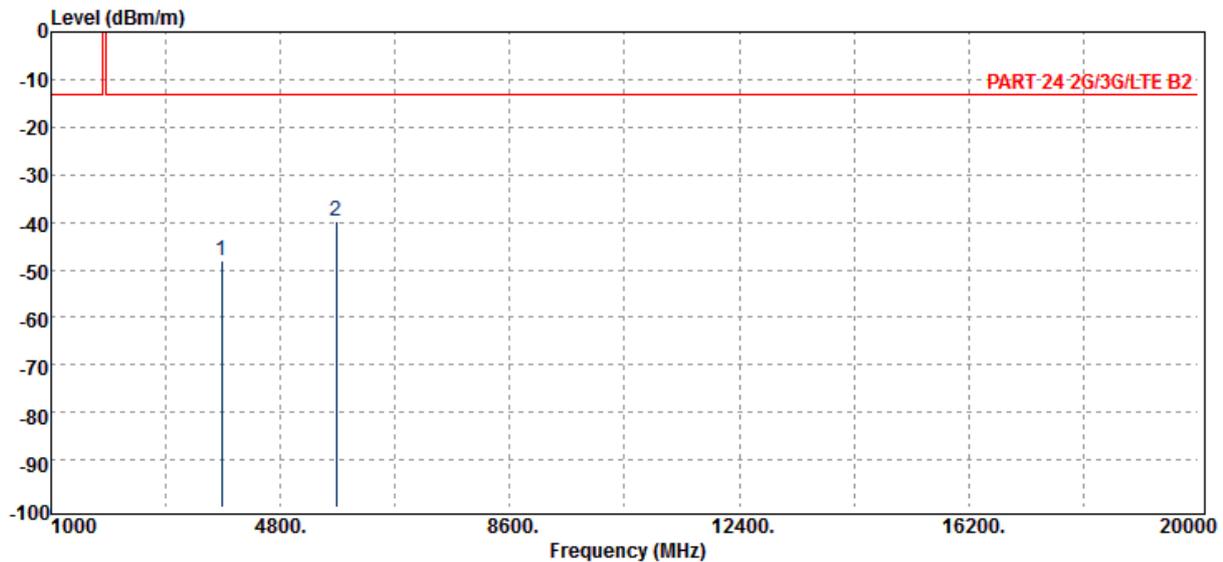
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 19193 QPSK BW 1.4 RB 1 5	Test Date	:2015-08-28
Operation Band	:LTE B2	Temp./Humi.	:24 deg_C / 59 RH
Fundamental Frequency	:1909.3 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3818.60	H	-48.09	-49.54	8.50	-7.05	-13.00	-35.09
5727.90	H	-39.91	-41.40	10.12	-8.64	-13.00	-26.91

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

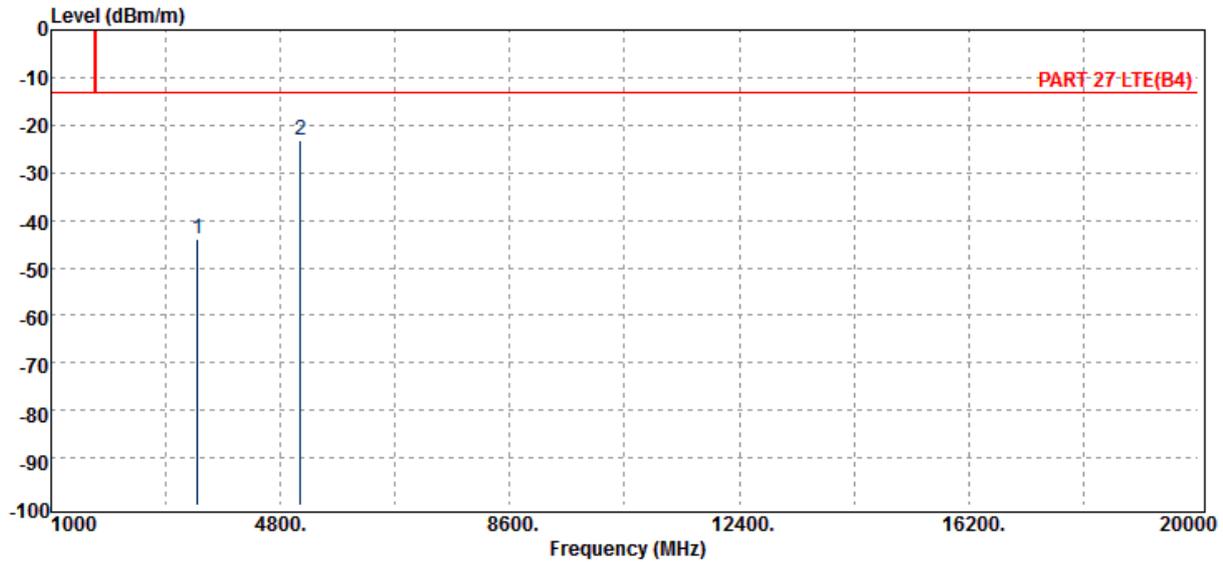
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: 15MHz BW LTE-Band 4 (The Worst Case)

ARFCN	:CH 19975 16QAM BW 5	Test Date	:2015-08-28
	RB 1 0		
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1712.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3425.00	H	-43.80	-45.35	8.09	-6.54	-13.00	-30.80
5137.50	H	-23.20	-24.60	9.89	-8.48	-13.00	-10.20

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

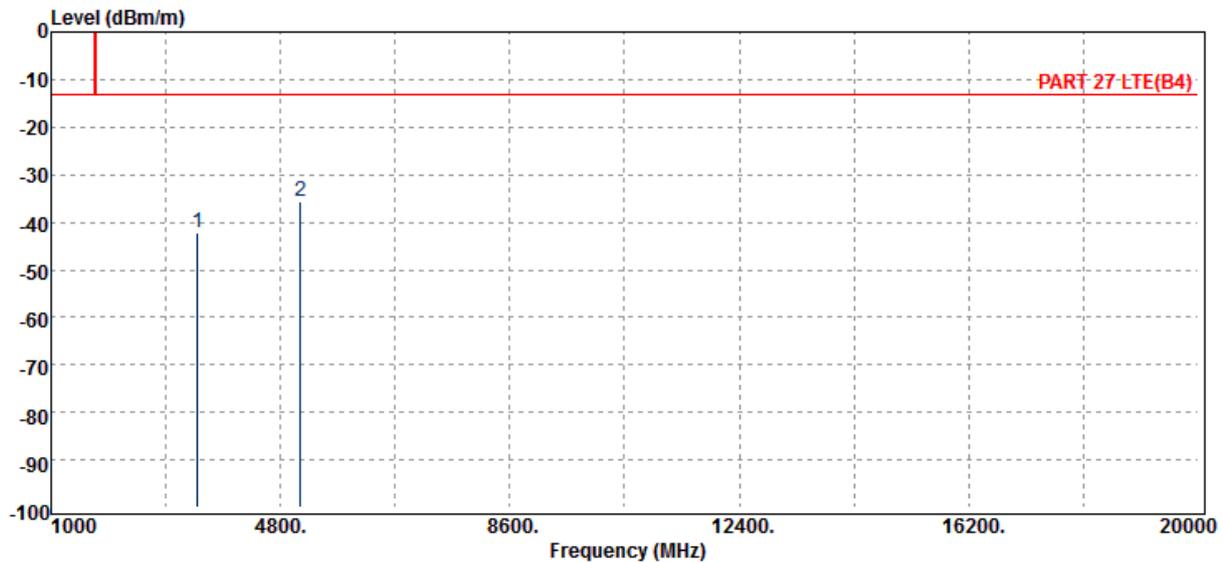
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 19975 16QAM BW 5 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1712.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3425.00	H	-42.27	-43.82	8.09	-6.54	-13.00	-29.27
5137.50	H	-35.65	-37.05	9.89	-8.48	-13.00	-22.65

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

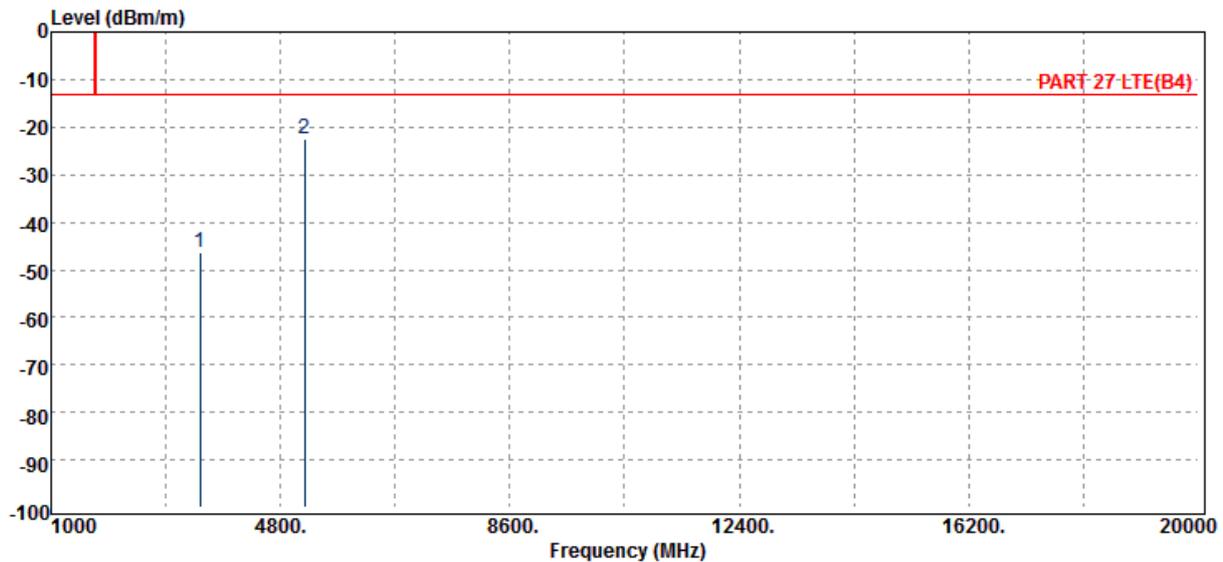
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20175 16QAM BW 5 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1732.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3465.00	H	-46.27	-47.94	8.20	-6.53	-13.00	-33.27
5197.50	H	-22.46	-23.89	9.92	-8.49	-13.00	-9.46

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

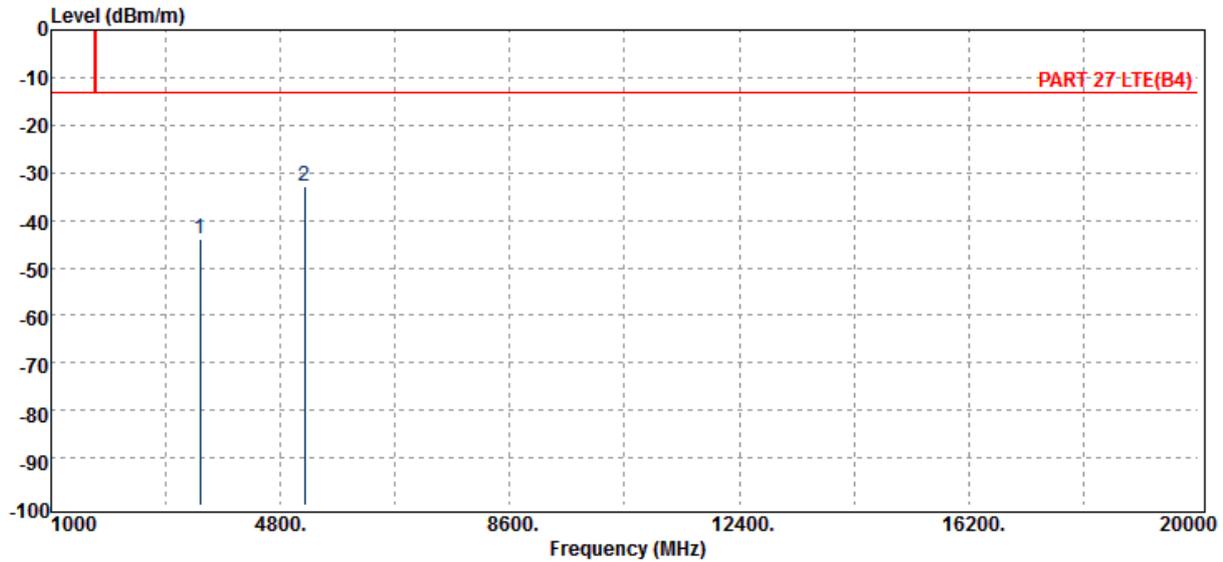
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20175 16QAM BW 5 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1732.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL

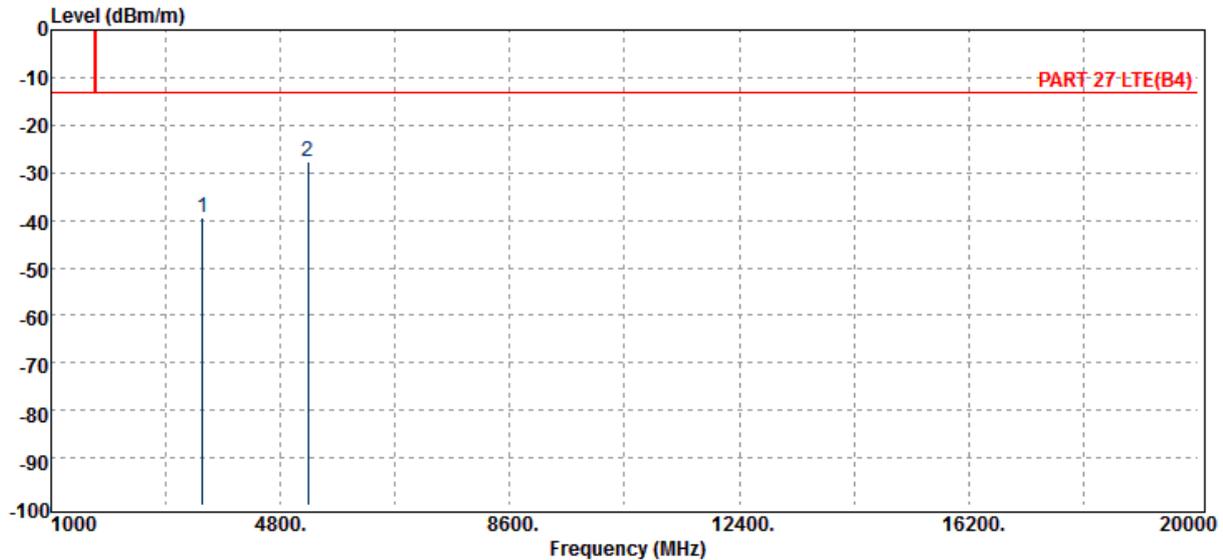


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3465.00	H	-43.96	-45.63	8.20	-6.53	-13.00	-30.96
5197.50	H	-32.80	-34.24	9.92	-8.49	-13.00	-19.80

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

ARFCN	:CH 20375 16QAM BW 5 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1752.5 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

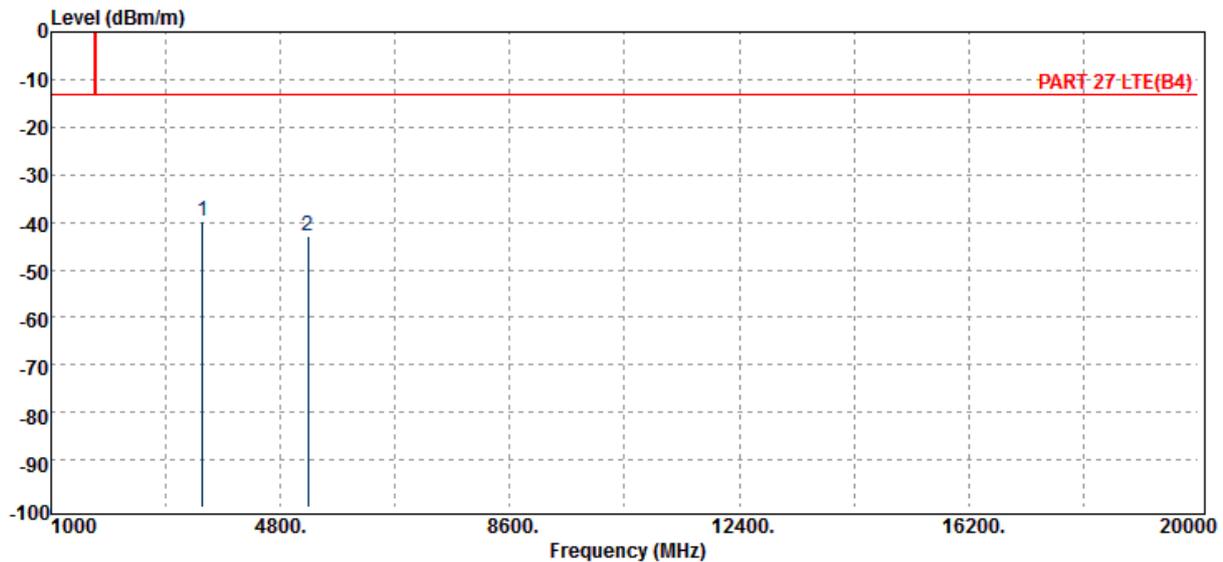


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3505.00	H	-39.51	-41.13	8.30	-6.68	-13.00	-26.51
5257.50	H	-27.56	-28.95	9.96	-8.57	-13.00	-14.56

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

ARFCN	:CH 20375 16QAM BW 5 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B4	Temp./Humi.	:21 deg_C / 52 RH
Fundamental Frequency	:1752.5 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3495.00	H	-42.92	-44.57	8.29	-6.64	-13.00	-29.92
5242.50	H	-49.34	-50.75	9.95	-8.55	-13.00	-36.34

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

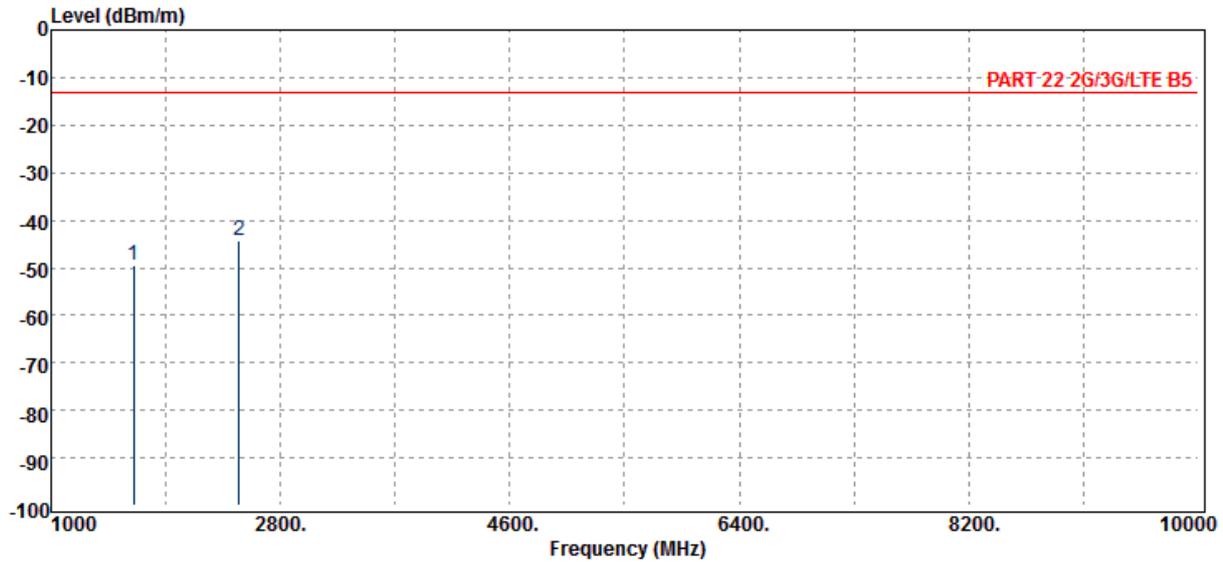
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: 3MHz BW LTE-Band 5 (The Worst Case)

ARFCN	:CH 20415 16QAM BW 3	Test Date	:2015-08-28
	RB 1 0		
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:825.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

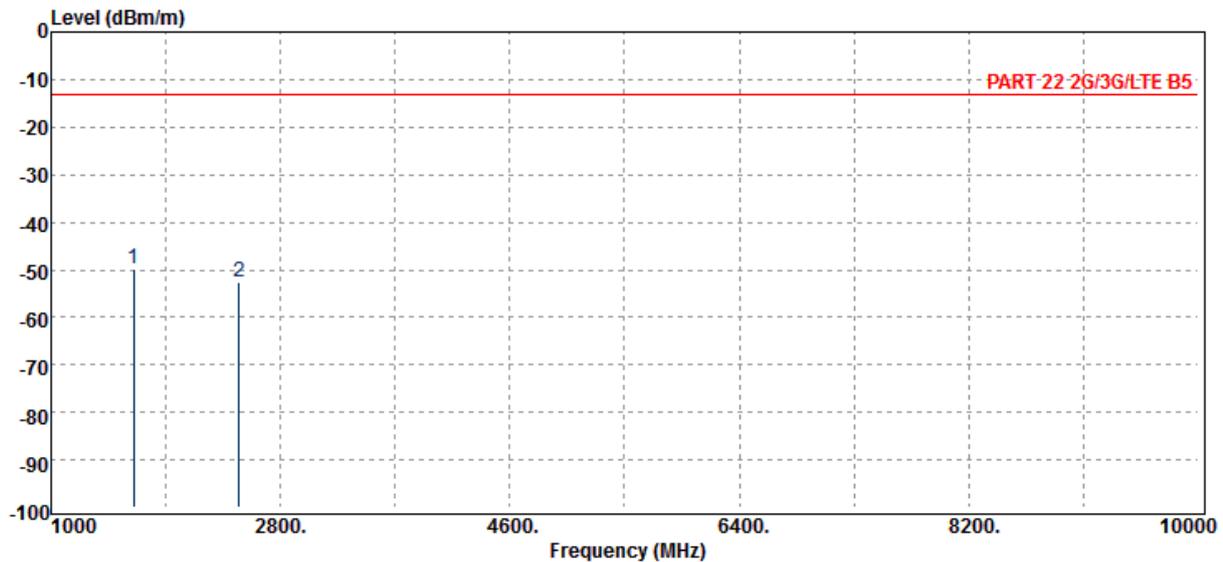


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1651.00	S	-49.58	-48.41	3.05	-4.22	-13.00	-36.58
2476.50	S	-44.40	-42.68	3.60	-5.32	-13.00	-31.40

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

ARFCN	:CH 20415 16QAM BW 3 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:825.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1651.00	S	-49.80	-48.63	3.05	-4.22	-13.00	-36.80
2476.50	S	-52.62	-50.90	3.60	-5.32	-13.00	-39.62

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

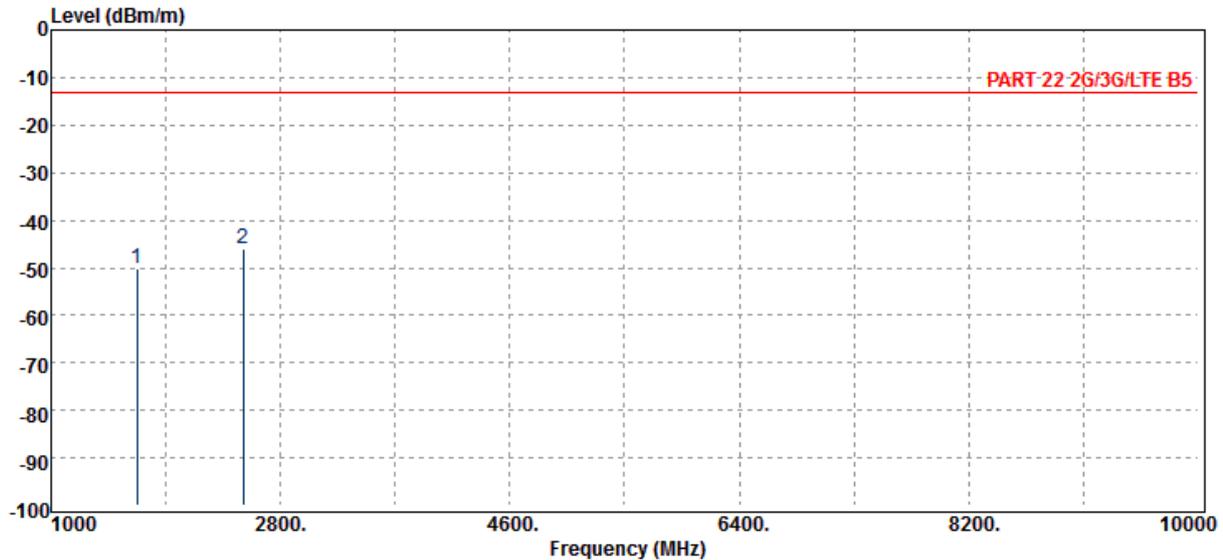
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20525 16QAM BW 3 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

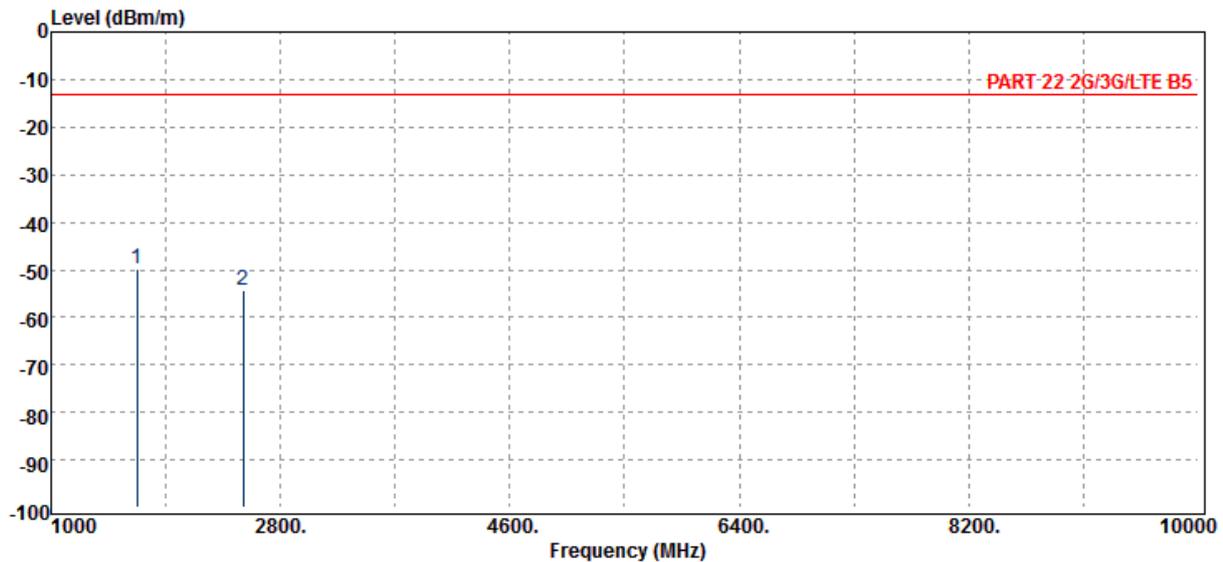


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1673.00	S	-50.06	-48.82	3.01	-4.26	-13.00	-37.06
2509.50	S	-45.94	-44.26	3.67	-5.35	-13.00	-32.94

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

ARFCN	:CH 20525 16QAM BW 3 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:836.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1673.00	S	-49.70	-48.46	3.01	-4.26	-13.00	-36.70
2509.50	S	-54.49	-52.82	3.67	-5.35	-13.00	-41.49

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

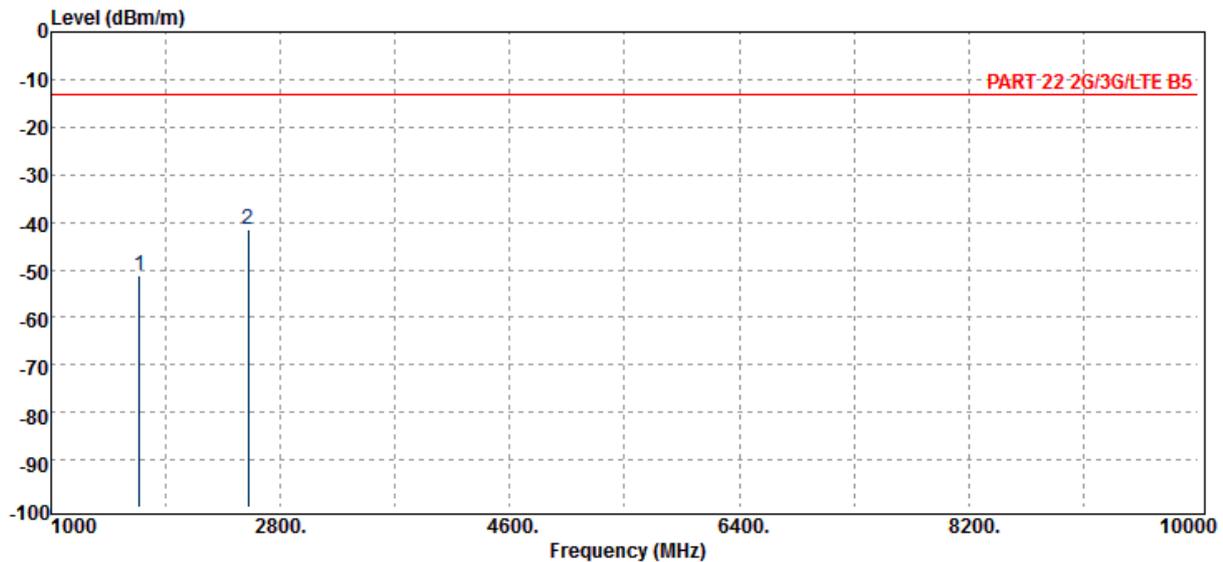
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20643 16QAM BW 3 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:848.3 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1696.60	S	-51.10	-49.79	2.96	-4.28	-13.00	-38.10
2544.90	S	-41.54	-39.88	3.75	-5.41	-13.00	-28.54

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

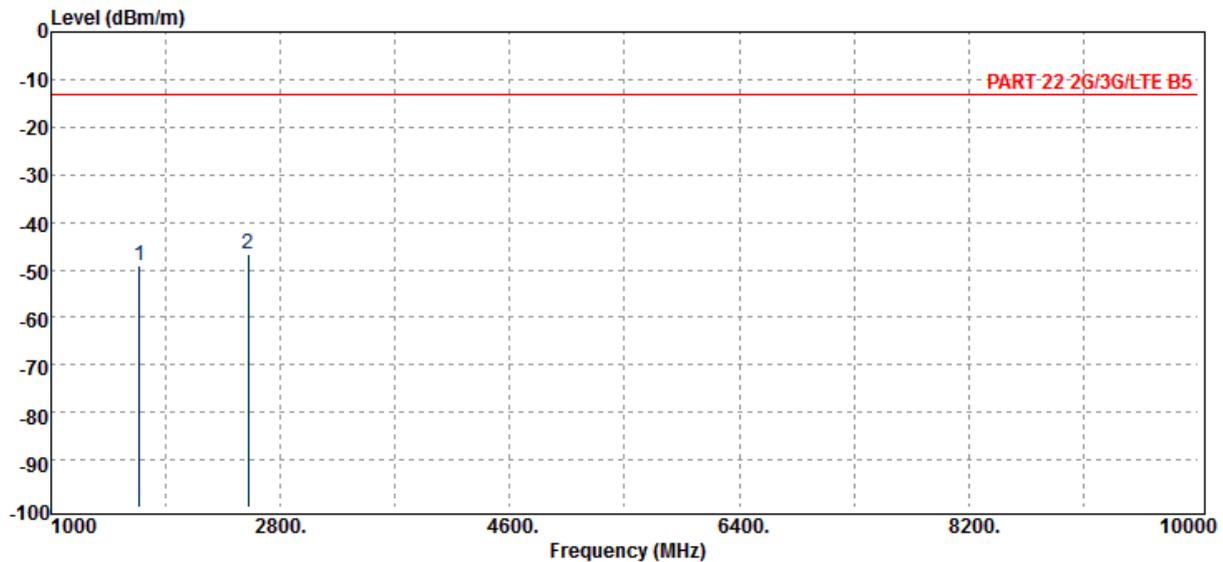
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 20643 16QAM BW 3 RB 1 0	Test Date	:2015-08-28
Operation Band	:LTE B5	Temp./Humi.	:23 deg_C / 58 RH
Fundamental Frequency	:848.3 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1696.60	S	-49.27	-47.96	2.96	-4.28	-13.00	-36.27
2544.90	S	-46.77	-45.11	3.75	-5.41	-13.00	-33.77

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

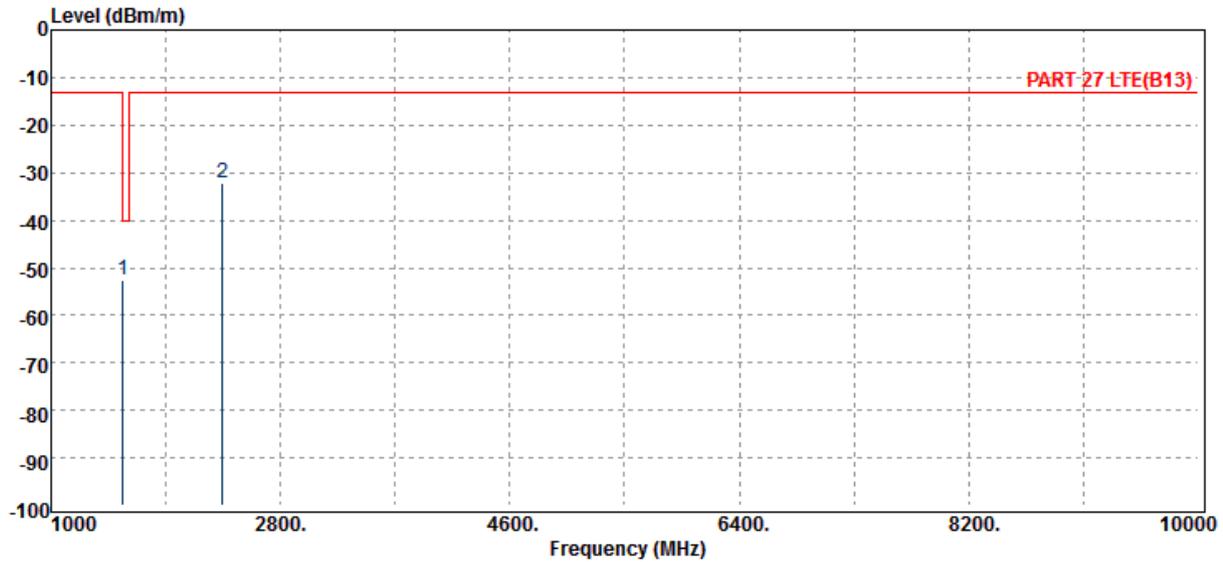
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: 10MHz BW LTE-Band 13(The Worst Case)

ARFCN	:CH 23230 16QAM BW 10 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B13	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:782.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



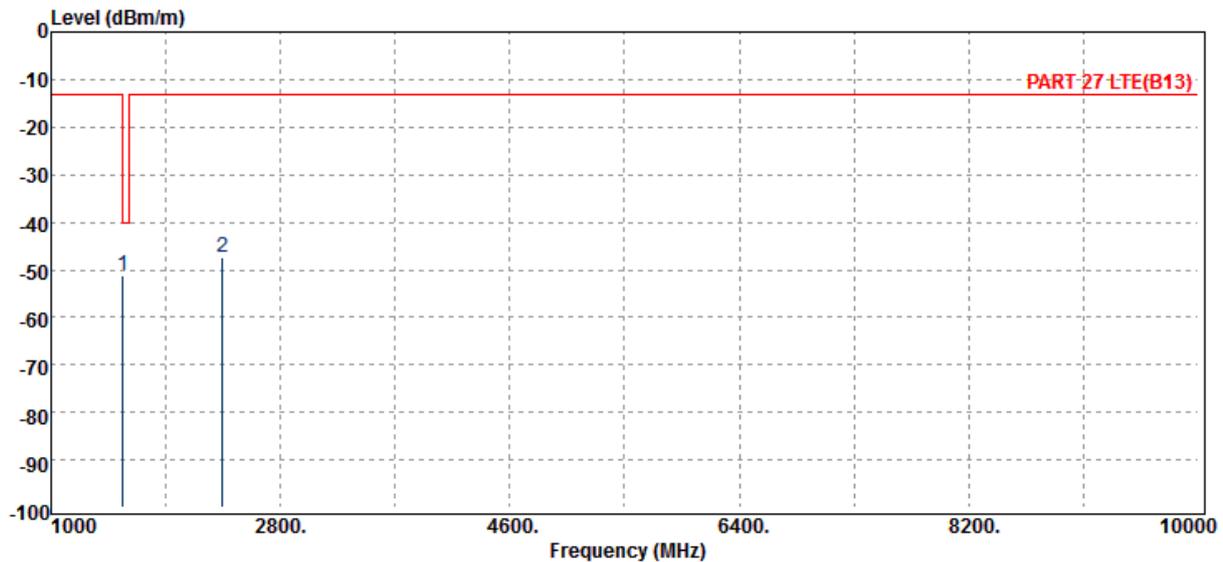
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1564.00	H	-52.67	-51.78	3.22	-4.11	-40.00	-12.67
2346.00	H	-32.05	-30.26	3.31	-5.09	-13.00	-19.05

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.

ARFCN	:CH 23230 16QAM BW 10 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B13	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:782.0 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
1564.00	H	-51.28	-50.39	3.22	-4.11	-40.00	-11.28
2346.00	H	-47.27	-45.49	3.31	-5.09	-13.00	-34.27

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

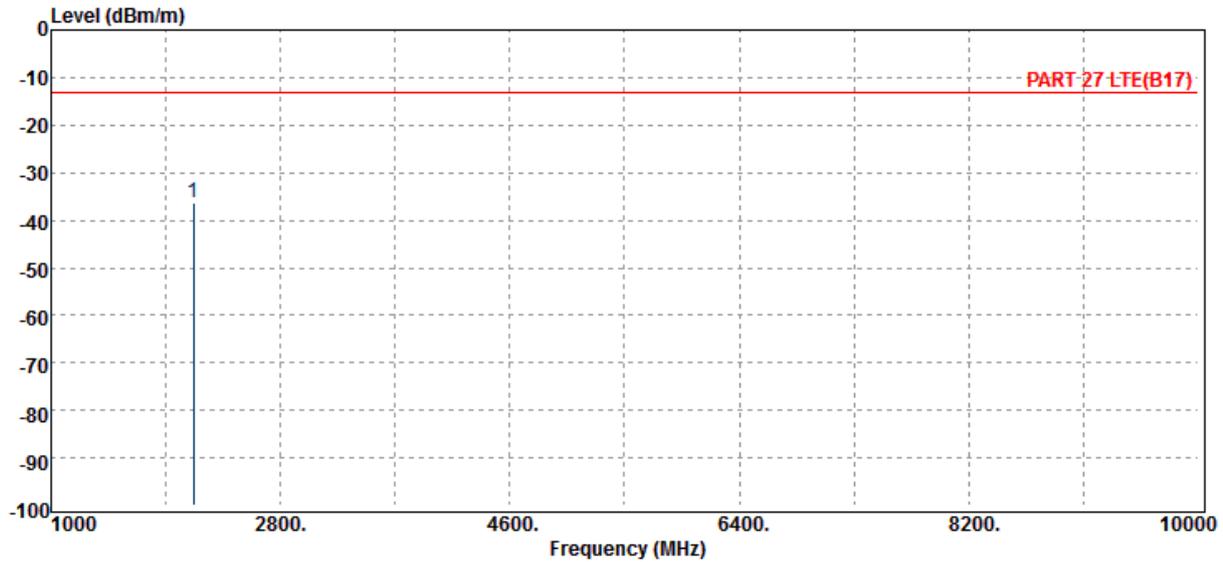
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: 5MHz BW LTE-Band 17 (The Worst Case)

ARFCN	:CH 23755 16QAM BW 5	Test Date	:2015-08-28
	RB1 24		
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:706.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



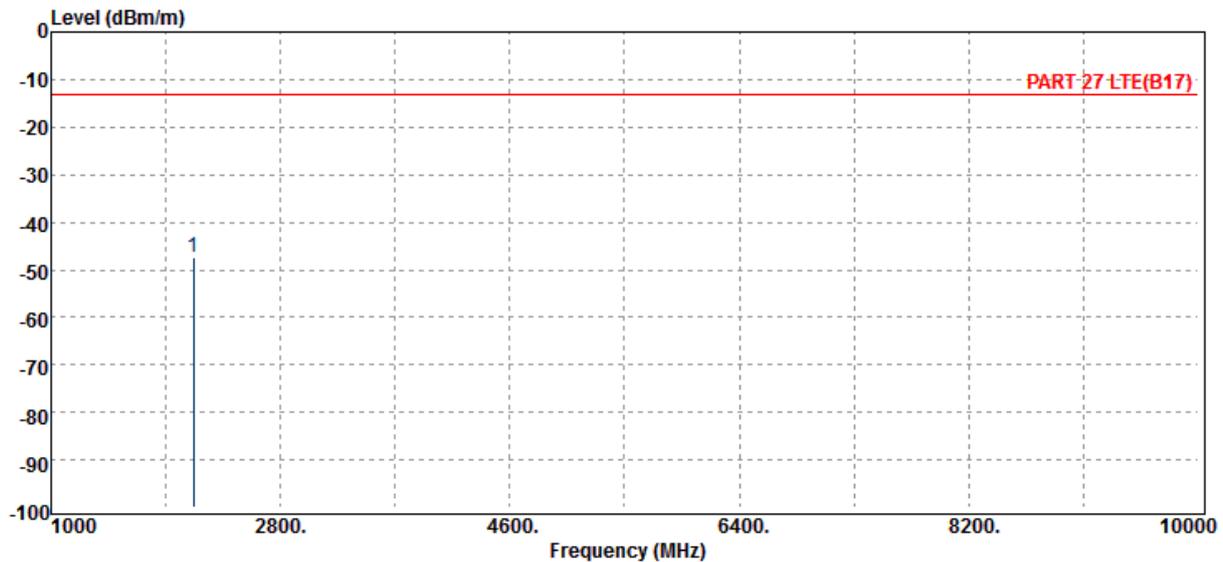
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
2119.50	H	-36.31	-34.23	2.76	-4.84	-13.00	-23.31

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.

ARFCN	:CH 23755 16QAM BW 5 RB1 24	Test Date	:2015-08-28
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:706.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL

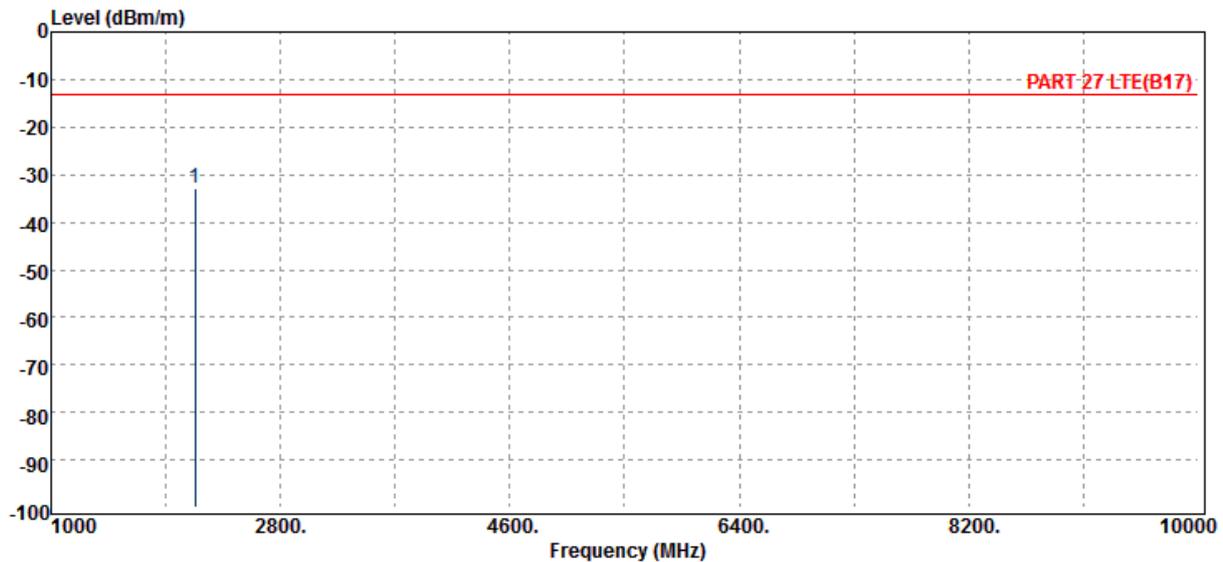


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
2119.50	H	-47.55	-45.47	2.76	-4.84	-13.00	-34.55

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

ARFCN	:CH 23790 16QAM BW 5 RB1 24	Test Date	:2015-08-28
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:710 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
2130.00	H	-33.01	-30.95	2.79	-4.85	-13.00	-20.01

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

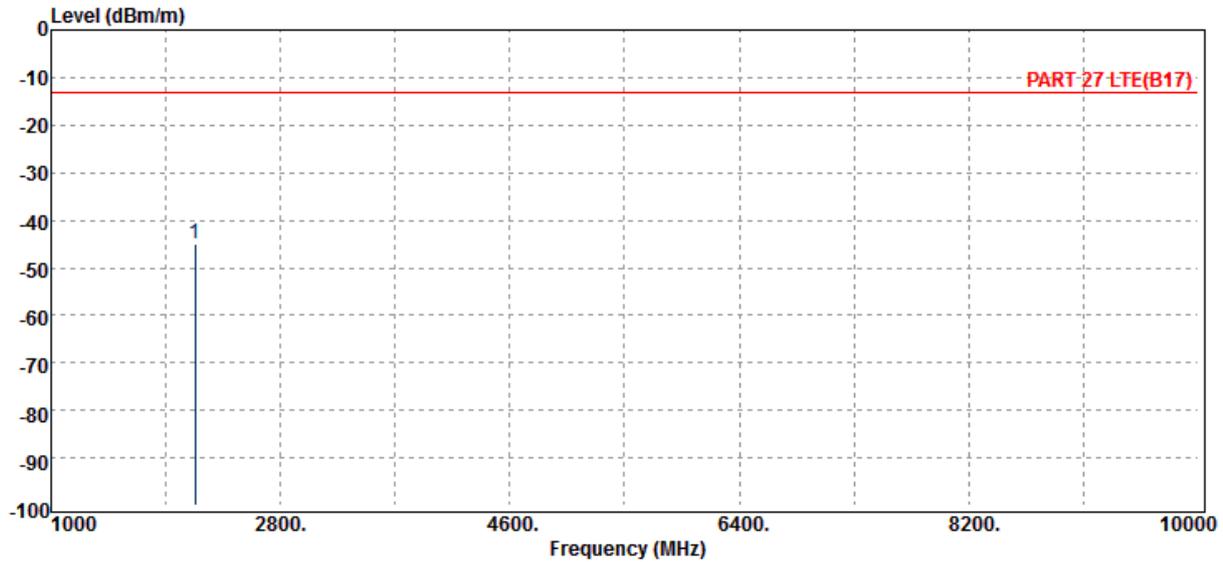
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 23790 16QAM BW 5 RB1 24	Test Date	:2015-08-28
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:710 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL

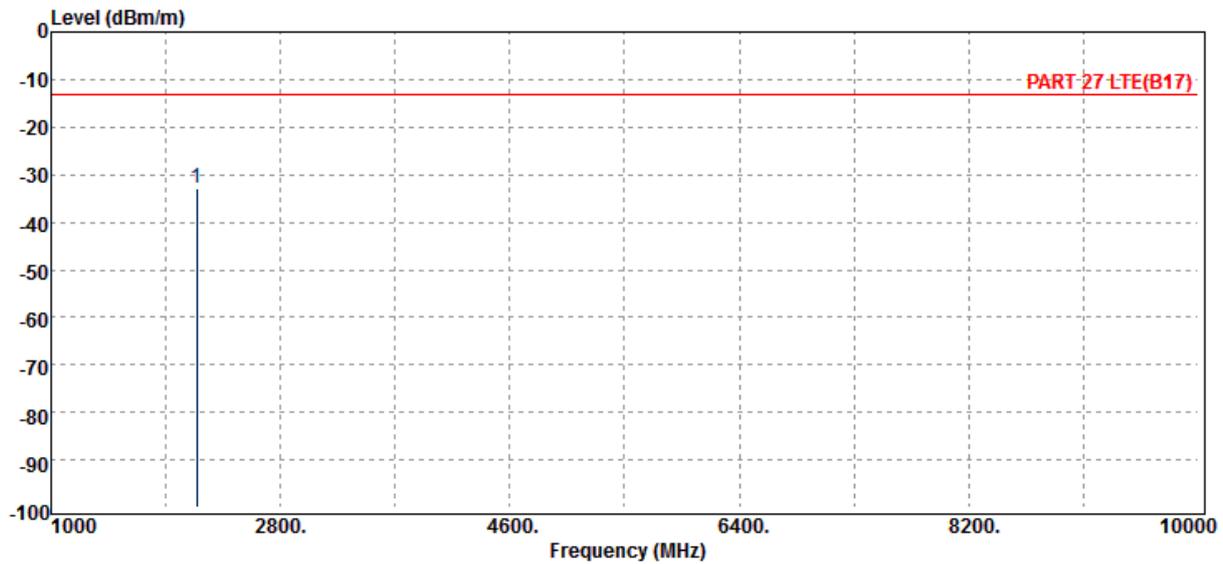


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
2130.00	H	-44.96	-42.90	2.79	-4.85	-13.00	-31.96

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

ARFCN	:CH 23825 16QAM BW 5 RB1 24	Test Date	:2015-08-28
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:713.5 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

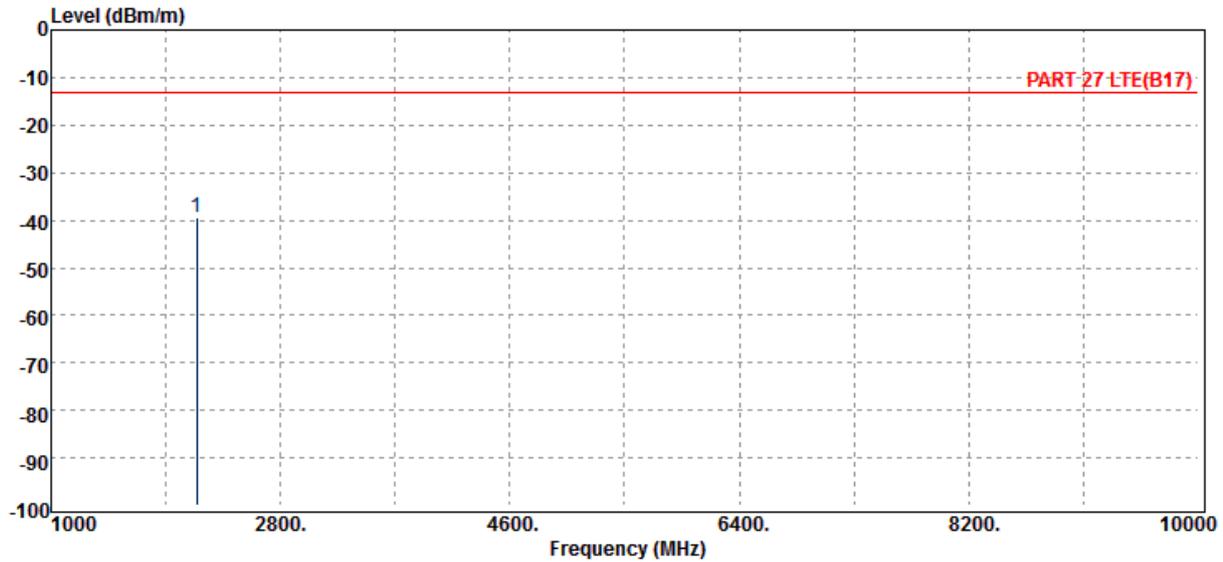


Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
2140.50	H	-32.85	-30.81	2.82	-4.86	-13.00	-19.85

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

ARFCN	:CH 23825 16QAM BW 5 RB1 24	Test Date	:2015-08-28
Operation Band	:LTE B17	Temp./Humi.	:23 deg_C / 52 RH
Fundamental Frequency	:713.5 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



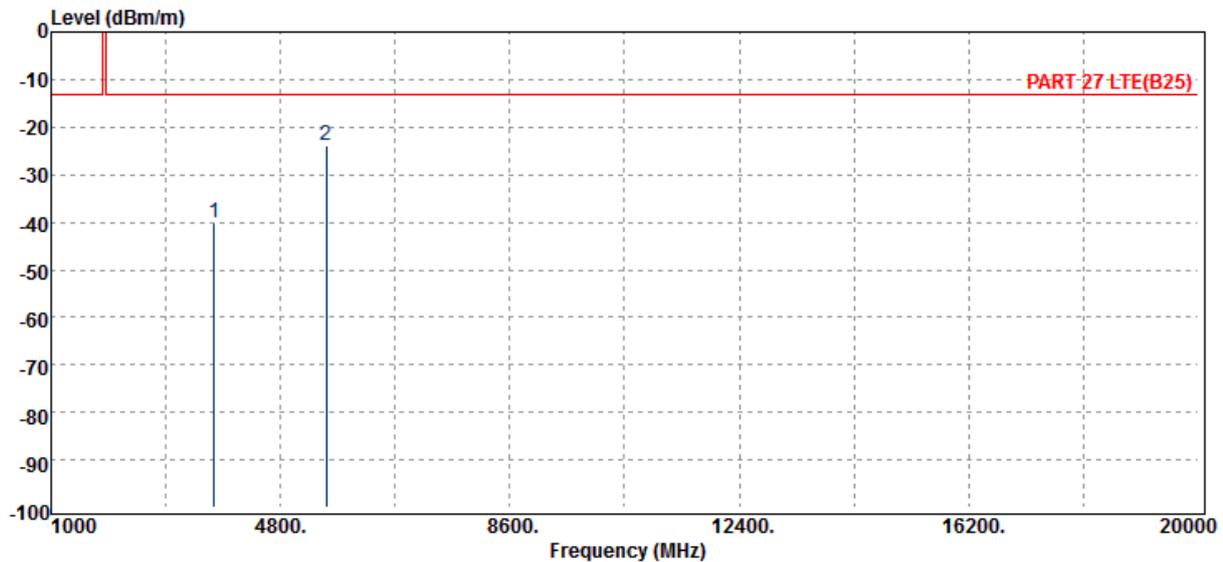
Freq. MHz	Note F/H/E/S	ERP dBm	SG Output Level dBm	Antenna Gain dBd	Cable Loss dB	Limit dBm	Margin dB
2140.50	H	-39.45	-37.41	2.82	-4.86	-13.00	-26.45

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Radiated Spurious Emission Measurement Result: 1.4MHz BW LTE-Band 25 (The Worst Case)

ARFCN	:CH 26065 16QAM BW 5	Test Date	:2015-08-28
	RB1 0		
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1852.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3705.00	H	-40.05	-41.58	8.43	-6.89	-13.00	-27.05
5557.50	H	-23.77	-25.33	10.10	-8.54	-13.00	-10.77

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

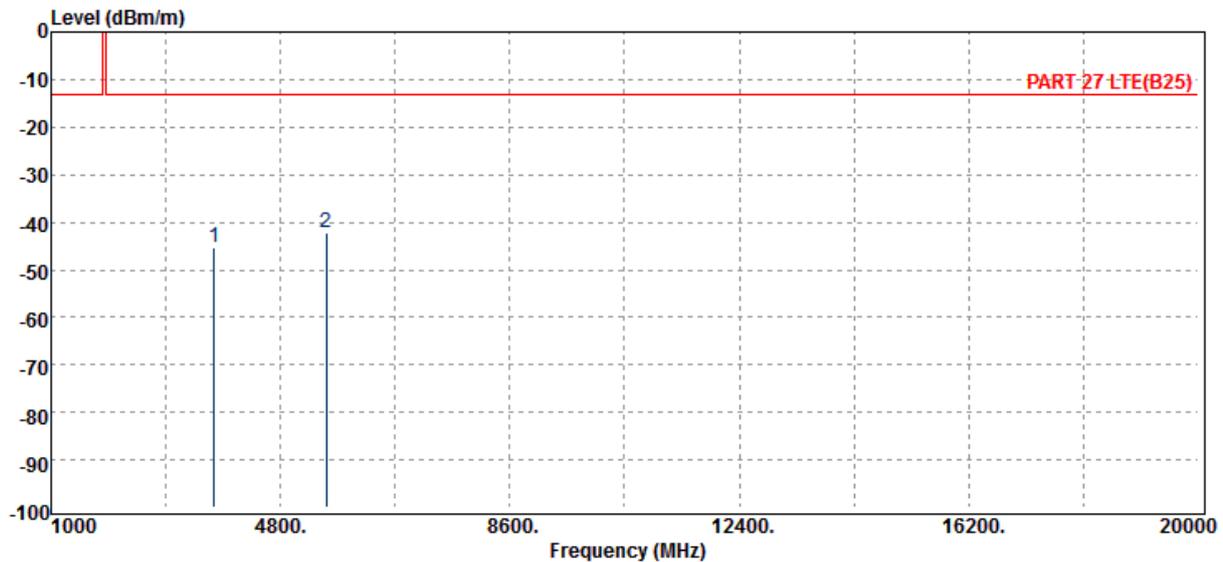
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 26065 16QAM BW 5 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1852.5 MHz	Engineer	:Tin
Operation Mode	:TX LOW		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3705.00	H	-45.48	-47.02	8.43	-6.89	-13.00	-32.48
5557.50	H	-42.21	-43.78	10.10	-8.54	-13.00	-29.21

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

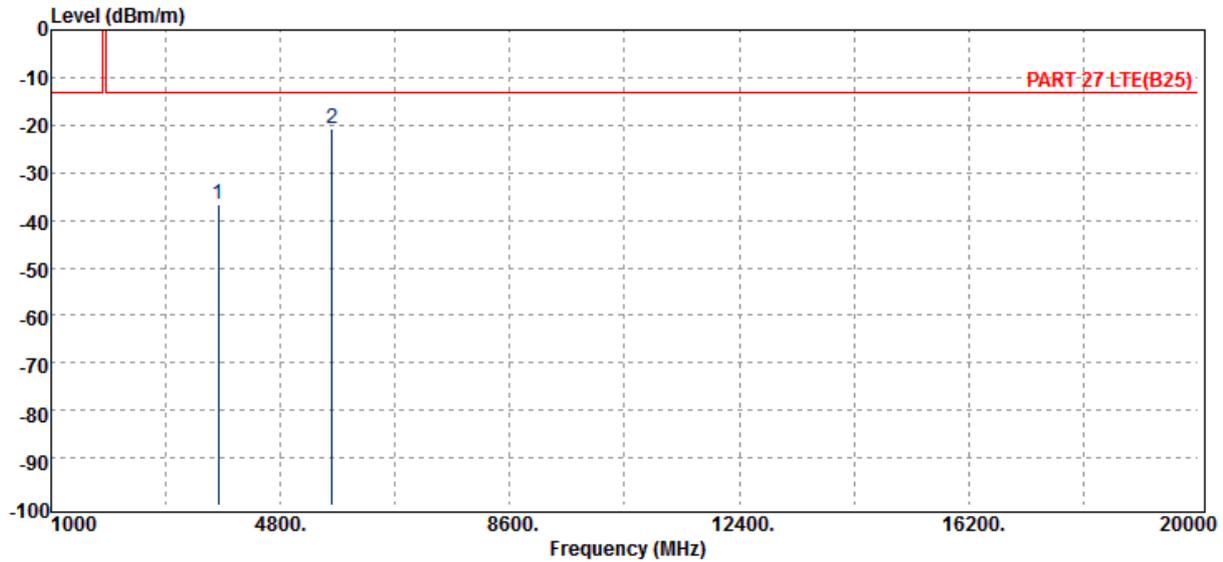
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 26365 16QAM BW 5 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1882.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL

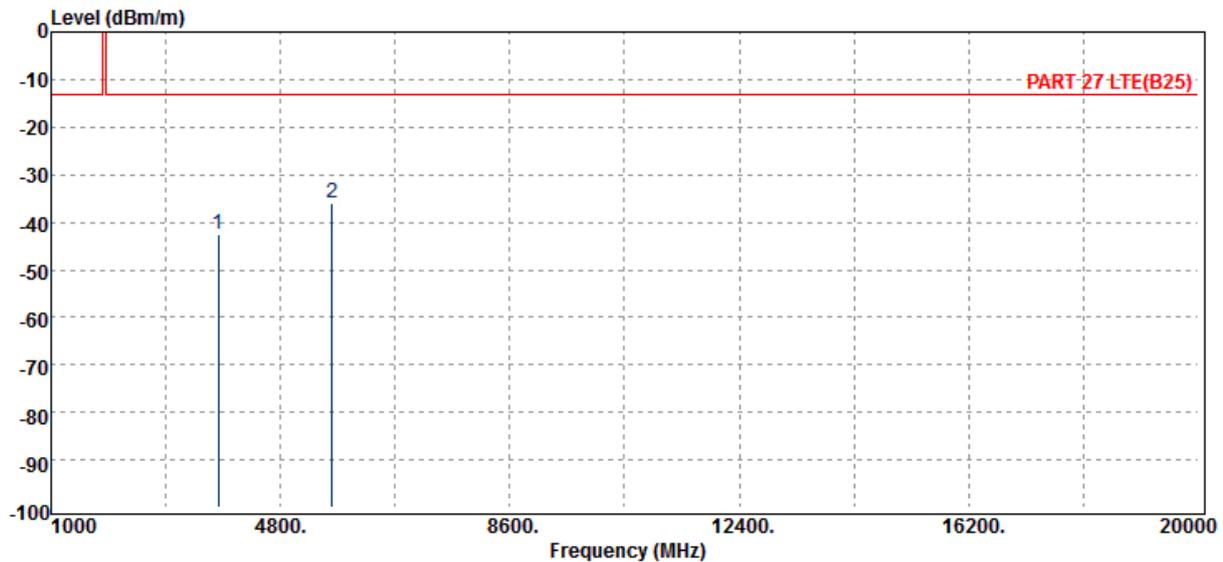


Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3765.00	H	-36.80	-38.23	8.46	-7.03	-13.00	-23.80
5647.50	H	-20.69	-22.21	10.11	-8.59	-13.00	-7.69

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

ARFCN	:CH 26365 16QAM BW 5 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1882.5 MHz	Engineer	:Tin
Operation Mode	:TX MID		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3765.00	H	-42.69	-44.12	8.46	-7.03	-13.00	-29.69
5647.50	H	-35.96	-37.48	10.11	-8.59	-13.00	-22.96

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

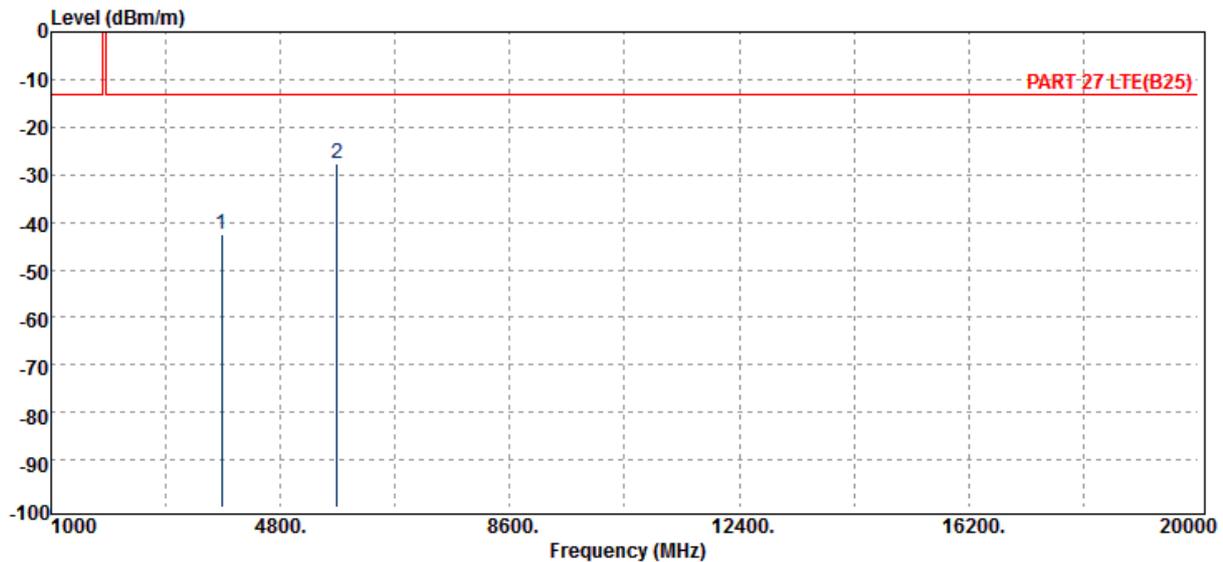
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 26665 16QAM BW 5 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1912.5 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:VERTICAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3825.00	H	-42.62	-44.07	8.50	-7.05	-13.00	-29.62
5737.50	H	-27.64	-29.10	10.12	-8.66	-13.00	-14.64

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.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

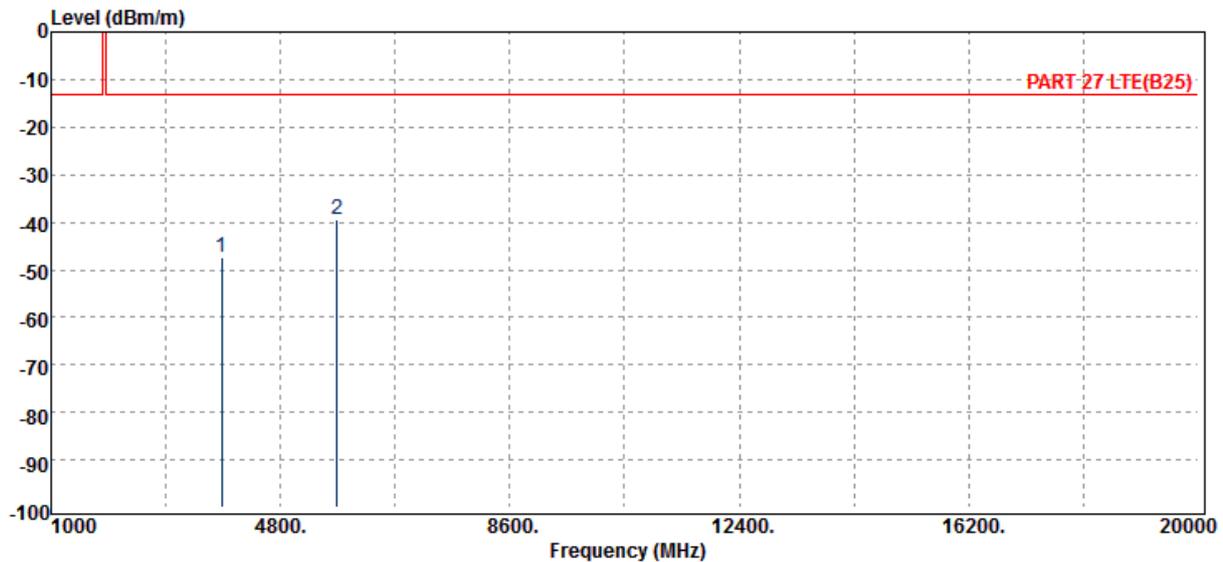
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

ARFCN	:CH 26665 16QAM BW 5 RB1 0	Test Date	:2015-08-28
Operation Band	:LTE B25	Temp./Humi.	:22 deg_C / 51 RH
Fundamental Frequency	:1912.5 MHz	Engineer	:Tin
Operation Mode	:TX HIGH		
EUT Pol.	:H Plane	Measurement Antenna Pol.	:HORIZONTAL



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit dBm	Margin dB
3825.00	H	-47.28	-48.73	8.50	-7.05	-13.00	-34.28
5737.50	H	-39.59	-41.05	10.12	-8.66	-13.00	-26.59

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.

9. MAXIMUM PERMISSIBLE EXPOSURE (MPE)

9.1. Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended to comply with Section Part 22, subpart H and Part 24, subpart E of the FCC CFR 47 Rules. And Part 90 subpart S For 47 CFR 1.1310 Radio frequency Radiation Exposure requirement.

9.2. Special Accessories

Not available for this EUT intended for grant.

9.3. Equipment Modifications

Not available for this EUT intended for grant.

9.4. Limitation

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Averaging Time (minute)
Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f ²)	30
30-300	27.5	0.073	0.2	30
300-1500	/	/	F/1500	30
1500-15000	/	/	1.0	30

F = frequency in MHz

* = Plane-wave equipment power density

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Frequency Range (MHz)	Electric Field (V/m rms)	Magnetic Field (A/m rms)	Power Density (W/m ²)	Averaging Time (minutes)
0.003-1	280	2.19	-	6
1-10	280/ <i>f</i>	2.19/ <i>f</i>	-	6
10-30	28	2.19/ <i>f</i>	-	6
30-300	28	0.073	2*	6
300-1500	1.585 <i>f</i> ^{0.5}	0.0042 <i>f</i> ^{0.5}	<i>f</i> /150	6
1500-15000	61.4	0.163	10	6
15000-150000	61.4	0.163	10	616000/ <i>f</i> ^{1.2}
150000-300000	0.158 <i>f</i> ^{0.5}	4.21 x 10 ⁻⁴ <i>f</i> ^{0.5}	6.67 x 10 ⁻⁵ <i>f</i>	616000/ <i>f</i> ^{1.2}

Note: *f* is frequency in MHz.

* Power density limit is applicable at frequencies greater than 100 MHz.

Note:

Pre-scanned was done on antenna: GSA.8841.A.105111, and antenna: TG.30.8111 Apex, and antenna GSA.8841.A.105111 results higher emission. Therefore, the completed set of measurement was done on antenna: GSA.8841.A.105111 to presented on this MPE evaluation.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

9.5. Maximum Permissible Exposure (MPE) Evaluation (Antenna Part No.: GSA.8841.A.10511)

The evaluation and calculation as deduces below presents only worst-ca se that produces highest value of the result:

Operation in cellular band (824 – 849 MHz)

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
GPRS 850	824.2	128	V	25.25	3.45	-2.94	25.77	38.45
			H	17.07	3.45	-2.94	17.58	38.45
	836.6	190	V	25.46	3.46	-2.97	25.95	38.45
			H	16.88	3.46	-2.97	17.36	38.45
	848.8	251	V	25.20	3.47	-3.01	25.66	38.45
			H	18.13	3.47	-3.01	18.59	38.45

ERP = 25.95 dBm = 393.55 mW

Power Density = ERP*Duty Cycle/(4 * R²)
 = 393.55*0.25/(4* 20²) = 0.0196 mW/cm²

where Duty Cycle is 0.25 for GPRS operation (class 10) and R is 20 cm.

The MPE limit for General Population/Uncontrolled Exposure is shown in the FCC OET Bulletin 65 Supplement C and can be calculated as follows:

MPE limit = 836.6/1500 = 0.56 mW/cm²

As we can see the resulted power density is below the MPE limit, this is compliant with the FCC rules on RF exposure.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Operation in PCS band (1850 – 1910 MHz)

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
GPRS 1900	1850.2	512	V	26.92	4.84	-4.49	27.28	33.01
			H	17.93	4.84	-4.49	18.29	33.01
	1880.0	661	V	26.35	4.79	-4.53	26.62	33.01
			H	23.46	4.79	-4.53	23.73	33.01
	1909.8	810	V	26.36	4.74	-4.57	26.54	33.01
			H	20.89	4.74	-4.57	21.07	33.01

EIRP = 27.28 dBm = 534.56 mW

Power Density = EIRP*Duty Cycle/(4 R²)
 = 534.56*0.25/(4* 20²) = 0.0266 mW/cm²

where Duty Cycle is 0.25 for GPRS operation (class 10) and R is 20 cm.

The MPE limit for General Population/Uncontrolled Exposure is shown in the FCC OET Bulletin 65 Supplement C and can be calculated as follows:

MPE limit = 1.0 mW/cm²

As we can see the resulted power density is below the MPE limit, this is compliant with the FCC rules on RF exposure.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Operation in HSDPA band II (1850 – 1910 MHz)

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
HSDPA B2	1852.4	9262	V	26.86	4.84	-4.49	27.22	33.01
			H	15.33	4.84	-4.49	15.68	33.01
	1880.0	9400	V	26.86	4.79	-4.53	27.13	33.01
			H	20.93	4.79	-4.53	21.20	33.01
	1907.6	9538	V	27.13	4.75	-4.56	27.32	33.01
			H	18.13	4.75	-4.56	18.31	33.01

$EIRP = 27.32 \text{ dBm} = 539.51 \text{ mW}$

$Power \text{ Density} = EIRP * Duty \text{ Cycle} / (4 * R^2)$
 $= 539.51 * 1 / (4 * 20^2) = 0.1073 \text{ mW/cm}^2$

where Duty Cycle is 1 for HSUPA band II mode and R is 20 cm.

The MPE limit for General Population/Uncontrolled Exposure is shown in the FCC OET Bulletin 65 Supplement C and can be calculated as follows:

$MPE \text{ limit} = 1.0 \text{ mW/cm}^2$

As we can see the resulted power density is below the MPE limit, this is compliant with the FCC rules on RF exposure.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Operation in HSDPA band IV (1712.4 – 1752.6 MHz)

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
HSDPA B4	1712.4	1312	V	27.75	5.09	-4.29	28.55	30.00
			H	16.47	5.09	-4.29	17.26	30.00
	1732.6	1413	V	27.34	5.05	-4.31	28.08	30.00
			H	18.05	5.05	-4.31	18.79	30.00
	1752.6	1513	V	28.35	5.01	-4.37	28.99	30.00
			H	20.50	5.01	-4.37	21.14	30.00

$EIRP = 28.99 \text{ dBm} = 792.50 \text{ mW}$

$Power \text{ Density} = EIRP * Duty \text{ Cycle} / (4 * R^2)$
 $= 792.50 * 1 / (4 * 20^2) = 0.1577 \text{ mW/cm}^2$

where Duty Cycle is 1 for HSUPA band IV mode and R is 20 cm.

The MPE limit for General Population/Uncontrolled Exposure is shown in the FCC OET Bulletin 65 Supplement C and can be calculated as follows:

$MPE \text{ limit} = 1.0 \text{ mW/cm}^2$

As we can see the resulted power density is below the MPE limit, this is compliant with the FCC rules on RF exposure.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Operation in HSDPA band V (826 – 849 MHz)

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
HSDPA B5	826.4	4132	V	21.11	3.46	-2.95	21.62	38.45
			H	11.55	3.46	-2.94	12.06	38.45
	836.6	4183	V	21.38	3.46	-2.97	21.87	38.45
			H	12.42	3.46	-2.97	12.90	38.45
	846.6	4233	V	21.36	3.47	-3.00	21.82	38.45
			H	13.70	3.47	-3.00	14.17	38.45

ERP = 21.87 dBm = 153.82 mW

Power Density = ERP*Duty Cycle/(4 R²)
 = 153.82*1/(4* 20²) = 0.0196 mW/cm²

where Duty Cycle is 1 for HSDPA band V mode and R is 20 cm.

The MPE limit for General Population/Uncontrolled Exposure is shown in the FCC OET Bulletin 65 Supplement C and can be calculated as follows:

MPE limit = 836.6/1500 = 0.56 mW/cm²

As we can see the resulted power density is below the MPE limit, this is compliant with the FCC rules on RF exposure.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Operation in cellular band (824 – 849 MHz)

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
CDMA BC0	824.7	1013	V	20.49	3.45	-2.94	21.00	38.45
			H	9.98	3.45	-2.94	10.50	38.45
	836.52	384	V	21.05	3.46	-2.97	21.54	38.45
			H	10.21	3.46	-2.97	10.70	38.45
	848.31	777	V	19.87	3.47	-3.00	20.33	38.45
			H	9.01	3.47	-3.00	9.47	38.45

ERP = 21.54dBm = 142.56 mW

Power Density = ERP*Duty Cycle/(4 R²)
 = 142.56*1/(4* 20²) = 0.0283 mW/cm²

where Duty Cycle is 1 for CDMA BC0 operation and R is 20 cm.

The MPE limit for General Population/Uncontrolled Exposure is shown in the FCC OET Bulletin 65 Supplement C and can be calculated as follows:

MPE limit = 836.52/1500 = 0.56mW/cm²

As we can see the resulted power density is below the MPE limit, this is compliant with the FCC rules on RF exposure.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Operation in PCS band (1850 – 1910 MHz)

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
CDMA BC1	1851.25	25	V	20.92	4.84	-4.49	21.27	33.00
			H	9.55	4.84	-4.49	9.91	33.00
	1880.0	600	V	20.06	4.79	-4.53	20.33	33.00
			H	10.99	4.79	-4.53	11.26	33.00
	1908.75	1175	V	16.74	4.75	-4.56	16.92	33.00
			H	6.89	4.75	-4.56	7.07	33.00

$EIRP = 21.27 \text{ dBm} = 133.97 \text{ mW}$

$Power \text{ Density} = EIRP * Duty \text{ Cycle} / (4 * R^2)$
 $= 133.97 * 1 / (4 * 20^2) = 0.0267 \text{ mW/cm}^2$

where Duty Cycle is 1 for CDMA2000 BC1 operation and R is 20 cm.

The MPE limit for General Population/Uncontrolled Exposure is shown in the FCC OET Bulletin 65 Supplement C and can be calculated as follows:

$MPE \text{ limit} = 1.0 \text{ mW/cm}^2$

As we can see the resulted power density is below the MPE limit, this is compliant with the FCC rules on RF exposure.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Operation in cellular band (817.9 – 823.1 MHz)

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
CDMA BC10	817.9	476	V	20.60	3.45	-2.92	21.14	50.00
			H	12.12	3.45	-2.92	12.66	50.00
	820.5	580	V	20.84	3.45	-2.93	21.37	50.00
			H	9.30	3.45	-2.92	9.83	50.00
	823.1	684	V	20.66	3.45	-2.93	21.18	50.00
			H	4.03	3.45	-2.93	4.55	50.00

ERP = 21.37 dBm = 137.09 mW

Power Density = ERP*Duty Cycle/(4 * R²)
 = 137.09*1/(4* 20²) = 0.0273 mW/cm²

where Duty Cycle is 1 for CDMA2000 BC10 operation and R is 20 cm.

The MPE limit for General Population/Uncontrolled Exposure is shown in the FCC OET Bulletin 65 Supplement C and can be calculated as follows:

MPE limit = 820.5/1500 = 0.54mW/cm²

As we can see the resulted power density is below the MPE limit, this is compliant with the FCC rules on RF exposure.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Operation in LTE band (1850.7 – 1909.3 MHz)

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 2 BW: 1.4M 16QAM RB: 1,0	1850.7	18607	V	29.03	4.84	-4.49	29.38	33.01
			H	17.21	4.84	-4.49	17.57	33.01
	1880.0	18900	V	28.79	4.80	-4.52	29.06	33.01
			H	16.88	4.79	-4.53	17.14	33.01
	1909.3	19193	V	26.82	4.75	-4.56	27.00	33.01
			H	11.59	4.75	-4.56	11.78	33.01

EIRP = 29.38 dBm = 866.96 mW

Power Density = EIRP*Duty Cycle/(4 * R²)
 = 866.96*1/(4* 20²) = 0.1725 mW/cm²

where Duty Cycle is 1 for LTE band 2 1.4MHz /16QAM/RB 1 0 offset operation and R is 20 cm.

The MPE limit for General Population/Uncontrolled Exposure is shown in the FCC OET Bulletin 65 Supplement C and can be calculated as follows:

MPE limit = 1.0 mW/cm²

As we can see the resulted power density is below the MPE limit, this is compliant with the FCC rules on RF exposure.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Operation in LTE band (1715.5 – 1747.5 MHz)

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 4 BW: 15M 16QAM RB: 1,74	1717.5	20025	V	26.55	5.06	-4.30	27.30	30.00
			H	13.27	5.06	-4.30	14.03	30.00
	1732.5	20175	V	28.37	5.03	-4.34	29.06	30.00
			H	17.91	5.03	-4.34	18.61	30.00
	1747.5	20325	V	28.84	5.01	-4.37	29.49	30.00
			H	15.86	5.01	-4.37	16.50	30.00

EIRP = 29.49 dBm = 889.20 mW

Power Density = EIRP*Duty Cycle/(4 * R²)
 = 889.20*1/(4* 20²)=0.1769mW/cm²

where Duty Cycle is 1 for LTE band 4 15MHz /16QAM/RB 1 74 offset operation and R is 20 cm.

The MPE limit for General Population/Uncontrolled Exposure is shown in the FCC OET Bulletin 65 Supplement C and can be calculated as follows:

MPE limit = 1.0 mW/cm²

As we can see the resulted power density is below the MPE limit, this is compliant with the FCC rules on RF exposure.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Operation in LTE band (824.7 – 848.3 MHz)

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
BAND 5 BW: 1.4M 16QAM RB: 1,0	824.7	20407	V	21.59	3.46	-2.94	22.10	38.45
			H	17.56	3.46	-2.94	18.08	38.45
	836.5	20525	V	21.88	3.46	-2.97	22.37	38.45
			H	15.88	3.46	-2.97	16.37	38.45
	848.3	20643	V	18.36	3.47	-3.01	18.82	38.45
			H	16.48	3.47	-3.00	16.95	38.45

ERP = 22.37 dBm = 172.58 mW

Power Density = ERP*Duty Cycle/(4 * R²)
 = 172.58*1/(4* 20²) = 0.0343mW/cm²

where Duty Cycle is 1 for LTE band 5 1.4MHz /16QAM/RB 1 0 offset operation and R is 20 cm.

The MPE limit for General Population/Uncontrolled Exposure is shown in the FCC OET Bulletin 65 Supplement C and can be calculated as follows:

MPE limit = 836.5/1500 = 0.56mW/cm²

As we can see the resulted power density is below the MPE limit, this is compliant with the FCC rules on RF exposure.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Operation in LTE band (782 MHz)

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
BAND 13 BW: 5M 16QAM RB: 1,24	779.5	23205	V	22.13	3.38	-2.78	22.73	34.77
			H	15.08	3.38	-2.78	15.68	34.77
	782.0	23230	V	22.19	3.39	-2.79	22.78	34.77
			H	13.90	3.37	-2.77	14.50	34.77
	784.5	23255	V	23.04	3.40	-2.80	23.64	34.77
			H	13.18	3.39	-2.80	13.77	34.77

ERP = 23.64 dBm = 231.21 mW

Power Density = ERP*Duty Cycle/(4 * R²)
 = 231.21 * 1 / (4 * 20²) = 0.04600mW/cm²

where Duty Cycle is 1 for LTE band 13 10MHz /16QAM/RB 1 49 offset operation and R is 20 cm.

The MPE limit for General Population/Uncontrolled Exposure is shown in the FCC OET Bulletin 65 Supplement C and can be calculated as follows:

MPE limit = 784.5/1500 = 0.52mW/cm²

As we can see the resulted power density is below the MPE limit, this is compliant with the FCC rules on RF exposure.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Operation in LTE band (706.5 – 713.5 MHz)

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	ERP	Limit
	MHz		V/H	dBm	dBd	dB	dBm	dBm
BAND 17 BW: 5M 16QAM RB: 1,0	706.5	23755	V	20.48	3.37	-2.60	21.25	34.77
			H	16.58	3.37	-2.60	17.35	34.77
	710.0	23790	V	20.60	3.37	-2.60	21.37	34.77
			H	14.39	3.37	-2.60	15.16	34.77
	713.5	23825	V	21.54	3.35	-2.61	22.29	34.77
			H	13.93	3.35	-2.61	14.68	34.77

ERP = 22.29 dBm = 169.43 mW

Power Density = ERP*Duty Cycle/(4 * R²)
 = 169.43*1/(4* 20²) = 0.0337mW/cm²

where Duty Cycle is 1 for LTE band 17 5MHz /16QAM/RB 1 0 offset operation and R is 20 cm.

The MPE limit for General Population/Uncontrolled Exposure is shown in the FCC OET Bulletin 65 Supplement C and can be calculated as follows:

MPE limit = 713.5/1500 = 0.48mW/cm²

As we can see the resulted power density is below the MPE limit, this is compliant with the FCC rules on RF exposure.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Operation in LTE band (1850.7 – 1914.3 MHz)

EUT			Measurement					
Operation Band	Fundamental Frequency	CH	Antenna Pol.	S.G. Output	Antenna Gain	Cable Loss	EIRP	Limit
	MHz		V/H	dBm	dBi	dB	dBm	dBm
BAND 25 BW: 1.4M 16QAM RB: 1,5	1850.7	26047	V	29.12	4.84	-4.49	29.47	33.00
			H	21.33	4.84	-4.49	21.68	33.00
	1882.5	26365	V	29.91	4.79	-4.53	30.18	33.00
			H	19.00	4.79	-4.53	19.26	33.00
	1914.3	26683	V	30.07	4.74	-4.57	30.24	33.00
			H	18.15	4.74	-4.57	18.32	33.00

EIRP = 30.24 dBm = 1056.82 mW

Power Density = EIRP*Duty Cycle/(4 R²)
 = 1056.82*1/(4* 20²) = 0.2102mW/cm²

where Duty Cycle is 1 for LTE band 25 1.4MHz /16QAM/RB 1 5 offset operation and R is 20 cm.

The MPE limit for General Population/Uncontrolled Exposure is shown in the FCC OET Bulletin 65 Supplement C and can be calculated as follows:

MPE limit = 1.0 mW/cm²

As we can see the resulted power density is below the MPE limit, this is compliant with the FCC rules on RF exposure.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Collocated MPE analysis:

The modem may transmit simultaneously with other collocated radio transmitters within a host device, provided the following conditions are met:

Each collocated radio transmitter has been certified by FCC/IC for mobile application (that will be met since SQNS module will have its own FCC ID and host device will have its own FCC ID)
At least 20 cm separation distance between the antennas of the collocated transmitters and the user's body must be maintained at all times (host installation should taking care of that)

The output power and antenna gain in a collocated configuration must not exceed the limits and configurations stipulated in the following table 1. The power density calculations for the individual transmitters per wireless technology at an exposure minimum separation distance of 20cm.

Exclusion of test condition:

Simultaneous transmission MPE test exclusion applies when the sum of the MPE ratios for all simultaneous transmitting antennas incorporated in a host device, based on calculated or measured field strengths or power density, is ≤ 1.0 .

$$MPE\ ratio1 + MPE\ ratio2 + MPE\ ratio3 \leq 1.0$$

The spreadsheet as FCC deduces, and releases is employed to conduct the measurement:

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Table 1 : Collocated MPE Calculation (Worse-case table)

Technology	Frequency (MHz)	Max Conducted Power (dBm)	Max Gain (dBi)	Duty Cycle	FCC Power Density @20cm (mW/cm ²)	FCC MPE Limit (mW/cm ²)
LTE B13	782.0	23.76	1.65	1.00	0.069	0.521
WCDMA B5	826.4	23.53	1.65	1.00	0.065	0.549
WCDMA B4	1712.4	23.86	4.76	1.00	0.145	1.000
LTE B2	1909.3	23.79	4.76	1.00	0.143	1.000
WLAN (2.4GHz)	2462	19.92	4.25	0.99	0.510	1.000
WLAN (2.4GHz MIMO)	2462	16.42	7.26	0.97	0.045	1.000
WLAN (5GHz)	5500	15.32	5.5	0.97	0.023	1.000
WLAN (5GHz MIMO)	5500	18.64	8.51	0.97	0.100	1.000
BT LE	2402	-1.30	0.5	0.60	0.0001	1.000

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Scenario 1:

External Antenna:

Wifi b or g + Bluetooth LE + 2/3/4G (frequency band 700)

WLAN (mW/cm ²)	WLAN / MPE limit	(WLAN) / MPE limit	BLE (mW/cm ²)	BLE / MPE limit	(BLE) / MPE limit	WWAN 700 MHz (mW/cm ²)	FCC MPE limit (mW/cm ²)	(WWAN 700MHz) / MPE limit	(WWAN 700MHz +WLAN+ BLE)	FCC Limit (mW/cm ²)
0.510	1.00	0.510	0.0001	1.00	0.0001	0.069	0.521	0.132	0.6421	1.000

Scenario 2:

External Antenna:

Wifi n MIMO 2.4G + Bluetooth LE+ 2/3/4G (frequency band 700)

WLAN (mW/cm ²)	WLAN MIMO / MPE limit	(WLAN) MIMO / MPE limit	BLE (mW/cm ²)	BLE / MPE limit	(BLE) / MPE limit	WWAN 700 MHz (mW/cm ²)	FCC MPE limit (mW/cm ²)	(WWAN 700MHz) / MPE limit	(WWAN 700MHz +WLAN MIMO + BLE)	FCC Limit (mW/cm ²)
0.045	1.00	0.045	0.0001	1.00	0.0001	0.069	0.521	0.132	0.1771	1.000

Scenario 3:

External Antenna:

Wifi a + Bluetooth LE + 2/3/4G (frequency band 700)

WLAN (mW/cm ²)	WLAN / MPE limit	(WLAN) / MPE limit	BLE (mW/cm ²)	BLE / MPE limit	(BLE) / MPE limit	WWAN 700 MHz (mW/cm ²)	FCC MPE limit (mW/cm ²)	(WWAN 700MHz) / MPE limit	(WWAN 700MHz +WLAN MIMO + BLE)	FCC Limit (mW/cm ²)
0.023	1.00	0.023	0.0001	1.00	0.0001	0.069	0.521	0.132	0.1551	1.000

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Scenario 4:

External Antenna:

Wifi n MIMO 5G + Bluetooth LE + 2/3/4G (frequency band 700)

WLAN MIMO (mW/cm ²)	WLAN MIMO / MPE limit	(WLAN) MIMO / MPE limit	BLE (mW/cm ²)	BLE / MPE limit	(BLE) / MPE limit	WWAN 700 MHz (mW/cm ²)	FCC MPE limit (mW/cm ²)	(WWAN 700MHz) / MPE limit	(WWAN 700MHz +WLAN MIMO + BLE)	FCC Limit (mW/cm ²)
0.100	1.00	0.100	0.0001	1.00	0.0001	0.069	0.521	0.132	0.2321	1.000

Scenario 5:

External Antenna:

Wifi b or g + Bluetooth LE + 2/3/4G (frequency band 850)

WLAN (mW/cm ²)	WLAN / MPE limit	(WLAN) / MPE limit	BLE (mW/cm ²)	BLE / MPE limit	(BLE) / MPE limit	WWAN 850 MHz (mW/cm ²)	FCC MPE limit (mW/cm ²)	(WWAN 850MHz) / MPE limit	(WWAN 850MHz +WLAN+ BLE)	FCC Limit (mW/cm ²)
0.510	1.00	0.510	0.0001	1.00	0.0001	0.065	0.549	0.118	0.6281	1.000

Scenario 6:

External Antenna:

Wifi n MIMO 2.4G + Bluetooth LE + 2/3/4G (frequency band 850)

WLAN MIMO (mW/cm ²)	WLAN MIMO / MPE limit	(WLAN) MIMO / MPE limit	BLE (mW/cm ²)	BLE / MPE limit	(BLE) / MPE limit	WWAN 850 MHz (mW/cm ²)	FCC MPE limit (mW/cm ²)	(WWAN 850MHz) / MPE limit	(WWAN 850MHz +WLAN MIMO + BLE)	FCC Limit (mW/cm ²)
0.045	1.00	0.045	0.0001	1.00	0.0001	0.065	0.549	0.118	0.1631	1.000

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Scenario 7:

External Antenna:

Wifi a + Bluetooth LE+ 2/3/4G (frequency band 850)

WLAN (mW/cm ²)	WLAN / MPE limit	(WLAN) / MPE limit	BLE (mW/cm ²)	BLE / MPE limit	(BLE) / MPE limit	WWAN 850 MHz (mW/cm ²)	FCC MPE limit (mW/cm ²)	(WWAN 850MHz) / MPE limit	(WWAN 850MHz +WLAN+ BLE)	FCC Limit (mW/cm ²)
0.023	1.00	0.023	0.0001	1.00	0.0001	0.065	0.549	0.118	0.1411	1.000

Scenario 8:

External Antenna:

Wifi n MIMO 5G + Bluetooth LE+ 2/3/4G (frequency band 850)

WLAN MIMO (mW/cm ²)	WLAN MIMO / MPE limit	(WLAN) MIMO / MPE limit	BLE (mW/cm ²)	BLE / MPE limit	(BLE) / MPE limit	WWAN 850 MHz (mW/cm ²)	FCC MPE limit (mW/cm ²)	(WWAN 850MHz) / MPE limit	(WWAN 850MHz +WLAN MIMO + BLE)	FCC Limit (mW/cm ²)
0.100	1.00	0.100	0.0001	1.00	0.0001	0.065	0.549	0.118	0.2181	1.000

Scenario 9:

External Antenna:

Wifi b or g + Bluetooth LE + 2/3/4G (frequency band 1700)

WLAN (mW/cm ²)	WLAN / MPE limit	(WLAN) / MPE limit	BLE (mW/cm ²)	BLE / MPE limit	(BLE) / MPE limit	WWAN 1700 MHz (mW/cm ²)	FCC MPE limit (mW/cm ²)	(WWAN 1700MH z) / MPE limit	(WWAN 1700MHz +WLAN+ BLE)	FCC Limit (mW/cm ²)
0.510	1.00	0.510	0.0001	1.00	0.0001	0.145	1.00	0.145	0.6551	1.000

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Scenario 10:

External Antenna:

Wifi n MIMO 2.4G + Bluetooth LE+ 2/3/4G (frequency band 1700)

WLAN MIMO (mW/cm ²)	WLAN MIMO / MPE limit	(WLAN) MIMO / MPE limit	BLE (mW/cm ²)	BLE / MPE limit	(BLE) / MPE limit	WWAN 1700 MHz (mW/cm ²)	FCC MPE limit (mW/cm ²)	(WWAN 1700MHz) / MPE limit	(WWAN 1700MHz +WLAN MIMO + BLE)	FCC Limit (mW/cm ²)
0.045	1.00	0.045	0.0001	1.00	0.0001	0.145	1.00	0.145	0.1901	1.000

Scenario 11:

External Antenna:

Wifi a + Bluetooth LE + 2/3/4G (frequency band 1700)

WLAN (mW/cm ²)	WLAN / MPE limit	(WLAN) / MPE limit	BLE (mW/cm ²)	BLE / MPE limit	(BLE) / MPE limit	WWAN 1700 MHz (mW/cm ²)	FCC MPE limit (mW/cm ²)	(WWAN 1700MH z) / MPE limit	(WWAN 1700MHz +WLAN+ BLE)	FCC Limit (mW/cm ²)
0.023	1.00	0.023	0.0001	1.00	0.0001	0.145	1.00	0.145	0.1681	1.000

Scenario 12:

External Antenna:

Wifi n MIMO 5G + Bluetooth LE + 2/3/4G (frequency band 1700)

WLAN MIMO (mW/cm ²)	WLAN MIMO / MPE limit	(WLAN) MIMO / MPE limit	BLE (mW/cm ²)	BLE / MPE limit	(BLE) / MPE limit	WWAN 1700 MHz (mW/cm ²)	FCC MPE limit (mW/cm ²)	(WWAN 1700MHz) / MPE limit	(WWAN 1700MHz +WLAN MIMO + BLE)	FCC Limit (mW/cm ²)
0.100	1.00	0.100	0.0001	1.00	0.0001	0.145	1.00	0.145	0.2451	1.000

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Scenario 13:

External Antenna:

Wifi b or g + Bluetooth LE + 2/3/4G (frequency band 1900)

WLAN (mW/cm ²)	WLAN / MPE limit	(WLAN) / MPE limit	BLE (mW/cm ²)	BLE / MPE limit	(BLE) / MPE limit	WWAN 1900 MHz (mW/cm ²)	FCC MPE limit (mW/cm ²)	(WWAN 1900MHz z) / MPE limit	(WWAN 1900MHz +WLAN+ BLE)	FCC Limit (mW/cm ²)
0.510	1.00	0.510	0.0001	1.00	0.0001	0.143	1.00	0.143	0.6531	1.000

Scenario 14:

External Antenna:

Wifi n MIMO 2.4G + Bluetooth LE+ 2/3/4G (frequency band 1900)

WLAN MIMO (mW/cm ²)	WLAN MIMO / MPE limit	(WLAN) MIMO / MPE limit	BLE (mW/cm ²)	BLE / MPE limit	(BLE) / MPE limit	WWAN 1900 MHz (mW/cm ²)	FCC MPE limit (mW/cm ²)	(WWAN 1900MHz) / MPE limit	(WWAN 1900MHz +WLAN MIMO + BLE)	FCC Limit (mW/cm ²)
0.510	1.00	0.510	0.0001	1.00	0.0001	0.143	1.00	0.143	0.6531	1.000

Scenario 15:

External Antenna:

Wifi a + Bluetooth LE + 2/3/4G (frequency band 1900)

WLAN (mW/cm ²)	WLAN / MPE limit	(WLAN) / MPE limit	BLE (mW/cm ²)	BLE / MPE limit	(BLE) / MPE limit	WWAN 1900 MHz (mW/cm ²)	FCC MPE limit (mW/cm ²)	(WWAN 1900MHz z) / MPE limit	(WWAN 1900MHz +WLAN+ BLE)	FCC Limit (mW/cm ²)
0.023	1.00	0.023	0.0001	1.00	0.0001	0.143	1.00	0.143	0.1661	1.000

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Scenario 16:

External Antenna:

Wifi n MIMO 5G + Bluetooth LE + 2/3/4G (frequency band 1900)

WLAN MIMO (mW/cm ²)	WLAN MIMO / MPE limit	(WLAN) MIMO / MPE limit	BLE (mW/cm ²)	BLE / MPE limit	(BLE) / MPE limit	WWAN 1900 MHz (mW/cm ²)	FCC MPE limit (mW/cm ²)	(WWAN 1900MHz) / MPE limit	(WWAN 1900MHz +WLAN MIMO + BLE)	FCC Limit (mW/cm ²)
0.100	1.00	0.100	0.0001	1.00	0.0001	0.143	1.00	0.143	0.2431	1.000

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

No.134,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group