1 Cover Page

RF MPE REPORT

Application No.:	SZCR2103000030AT(SHEM2011009697CR)
FCC ID:	2APJ4-SLM500
Applicant:	MeiG Smart Technology Co., Ltd
Address of Applicant:	3/F,No.88,Qinjiang Road, Xuhui District, Shanghai, China.
Manufacturer:	MeiG Smart Technology Co., Ltd
Address of Manufacturer:	5/F,Bld G,No.2337,Gudai Road,Minghang District,Shanghai,China
Equipment Under Test (EUT):	
EUT Name:	Smart module
Model No.:	SLM500
Standard(s) :	FCC Rules 47 CFR §2.1091 KDB447498 D01 General RF Exposure Guidance v06
Date of Receipt:	2020-11-19
Date of Test:	2020-12-22 to 2021-01-08
Date of Issue:	2021-01-11
Test Result:	**Pass***

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

Keny. xu

Keny Xu
EMC Laboratory Manager

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Testing Center LEC Laboratory.
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Revision Record			
Version	**Description**	**Date**	**Remark**
00	Original	2021-01-11	/

Authorized for issue by:				
		Bill Chen		
		Bill Chen / Project Engineer		
		Eric Fu		
		Eric Fu / Reviewer		

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M–10栋一号厂房 邮编: 518057 t (86–755) 26012053 f (86–755) 26710594 sgs.china@sgs.com

2 Contents

Page

1 COVER PAGE **1**
2 CONTENTS **3**
3 GENERAL INFORMATION **4**
3.1 GENERAL DESCRIPTION OF E.U.T. 4
3.2 TECHNICAL SPECIFICATIONS 4
3.3 TEST LOCATION 7
3.4 TEST FACILITY 7
4 TEST STANDARDS AND LIMITS **8**
4.1 FCC RADIOFREQUENCY RADIATION EXPOSURE LIMITS: 8
5 MEASUREMENT AND CALCULATION **9**
5.1 MAXIMUM TRANSMIT POWER 9
5.2 MPE CALCULATION 35

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

3 General Information

3.1 General Description of E.U.T.

Power supply:	DC 3.8V by DC power supply
Serial Number:	M500QE8BYA071000060
Firmware version:	SLM500Q_EQ000_2774.2AAF2F74.BCA2CDE_200628_100_V01_T09
IMEI:	863188040006347

3.2 Technical Specifications

2.4GHz

Antenna Gain:	1 dBi
Antenna Type:	Dipole Antenna
Channel Spacing:	5MHz
Modulation Type:	802.11b: DSSS (CCK, DQPSK, DBPSK) 802.11g/n: OFDM (64QAM, 16QAM, QPSK, BPSK)
Number of Channels:	802.11b/g/n(HT20):11 802.11n(HT40):7
Operation Frequency:	802.11b/g/n(HT20): 2412MHz to 2462MHz 802.11n(HT40): 2422MHz to 2452MHz

BT

Antenna Gain:	1 dBi
Antenna Type:	Dipole Antenna
Bluetooth Version:	V4.2 Dual mode
Channel Spacing:	1MHz
Modulation Type:	GFSK, π/4DQPSK, 8DPSK
Data Rate:	1/2/3Mbps
Number of Channels:	79
Operation Frequency:	2402MHz to 2480MHz
Spectrum Spread Technology:	Frequency Hopping Spread Spectrum(FHSS)

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

BLE

Antenna Gain:	1dBi
Antenna Type:	Dipole Antenna
Bluetooth Version:	V4.2 Dual mode
Data Rate:	1Mbps
Channel Spacing:	2MHz
Modulation Type:	GFSK
Number of Channels:	40
Operation Frequency:	2402MHz to 2480MHz

5G WiFi

Antenna Gain:	1dBi			
Antenna Type:	Dipole Antenna			
DFS Function:	Slave without Radar detection			
TPC Function:	Not Support			
Operation Frequency:	Band	Mode	Frequency Range(MHz)	Number of channels
	UNII Band I	802.11a/n(HT20)	5180-5240	4
		802.11n(HT40)	5190-5230	2
	UNII Band II-A	802.11a/n(HT20)	5260-5320	4
		802.11n(HT40)	5270-5310	2
	UNII Band II-C	802.11a/n(HT20)	5500-5700	11
		802.11n(HT40)	5510-5670	5
	UNII Band III	802.11a/n(HT20)	5745-5825	5
		802.11n(HT40)	5755-5795	2
Modulation Type:	802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM)			
Channel Spacing:	802.11a/n(HT20): 20MHz 802.11n(HT40): 40MHz			
Data Rate:	802.11a: 6/9/12/18/24/36/48/54Mbps 802.11n: MCS0-7			

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

2G

Operation Frequency Band:	GSM850/GSM1900
Modulation Type:	GMSK for GSM/GPRS/EGPRS; 8PSK for EGPRS
GPRS Class:	12
EGPRS Class:	12
Antenna Type:	Dipole Antenna
Antenna Gain:	GSM850: 1dBi GSM1900: 1dBi

3G

Operation Frequency Band:	UMTS B2,B4,B5	
Operation Frequenncy	Band 2	TX: 1852.4~1907.6MHz; RX 1932.4~1987.6MHz
	Band 4	TX:1710-1755MHz;RX 2110~2155MHz
	Band 5	TX:826.4-846.6MHz;RX 871.4~891.6MHz
Modulation Type:	QPSK,BPSK	
Antenna Type:	Dipole Antenna	
Antenna Gain:	UMTS Band 2: 1dBi UMTS Band 4: 1dBi UMTS Band 5: 1dBi	

4G

LTE Operation Frequency Band:	LTE Band 2,4,5,7,12,13,17,25,26,,66
Modulation Type:	QPSK, 16QAM
Antenna Type:	PIFA
Antenna Gain:	Band 2:1dBi Band 4: 1dBi Band 5: 1dBi Band 7: 1dBi Band 12: 1dBi Band 13: 1dBi Band 17: 1dBi Band 25: 1dBi Band 26: 1dBi Band 66: 1dBi

Note:
The antenna gain value is provided by the customer. The test lab will not be responsible for wrong test result due to incorrect information about antenna gain values.

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

3.3 Test Location

All tests were performed at:
SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch
No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, Guangdong, China. 518057.
Tel: +86 755 2601 2053 Fax: +86 755 2671 0594
No tests were sub-contracted.

3.4 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• A2LA (Certificate No. 3816.01)

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

• VCCI

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

• FCC –Designation Number: CN1178

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1178. Test Firm Registration Number: 406779.

• Innovation, Science and Economic Development Canada

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006. IC#: 4620C.

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

4 Test Standards and Limits

4.1 FCC Radiofrequency radiation exposure limits:

According to§1.1310, the limit for general population/uncontrolled exposures

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm^2)	Averaging time (minutes)
Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f2)	30
30-300	27.5	0.073	0.2	30
300-1500	/	/	f/1500	30
1500-100,000	/	/	1.0	30

Note:Limit for 2.4GHz is 1.0 mW/cm^2,5GHz is 1.0 mW/cm^2,
GSM 850 is 0.55mW/cm^2,GSM 1900 is 1mW/cm^2,
WCDMA B2 is 1mW/cm^2, WCDMA B4 is 1mW/cm^2,WCDMA B5 is 1mW/cm^2,
LTE B2 is 1mW/cm^2, LTE B4 is 1mW/cm^2, LTE B5 is 0.55mW/cm^2, LTE B7 is 1mW/cm^2,
LTE B12 is 0.47mW/cm^2, LTE B13 is 0.52mW/cm^2, LTE B17 is 0.47mW/cm^2, LTE B25 is 1mW/cm^2,
LTE B26 is 0.54mW/cm^2, LTE B66 is 1mW/cm^2.

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

5 Measurement and Calculation

5.1 Maximum transmit power

The Power Data is based on the RF Test Report SZCR210300003001; SZCR210300003002; SZCR210300003003; SZCR210300003004; SZCR210300003005; SZCR210300003006; SZCR210300003007.

2.4G WiFi

Test Mode	Test Channel	Ant	Power [dBm]	Power [mW]
11B	2412	Ant1	17.63	57.94
11B	2437	Ant1	17.35	54.33
11B	2462	Ant1	17.78	59.98
11G	2412	Ant1	17.44	55.46
11G	2437	Ant1	17.67	58.48
11G	2462	Ant1	17.59	57.41
11N20SISO	2412	Ant1	17.58	57.28
11N20SISO	2437	Ant1	17.80	60.26
11N20SISO	2462	Ant1	17.70	58.88
11N40SISO	2422	Ant1	17.57	57.15
11N40SISO	2437	Ant1	17.78	59.98
11N40SISO	2452	Ant1	17.93	62.09

BT

Test Mode	Test Frequency (MHz)	Output Power (dBm)	Reading Power (mW)
GFSK	2402	12.66	18.45
	2441	12.94	19.68
	2480	12.09	16.18
Pi/4DQPSK	2402	12.77	18.92
	2441	13.00	19.95
	2480	12.15	16.41
8DPSK	2402	10.58	11.43
	2441	13.33	21.53
	2480	12.47	17.66

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

BLE

Test Mode	Test Frequency (MHz)	Output Power (dBm)	Reading Power (mW)
BLE	2402	3.52	2.25
	2440	3.65	2.32
	2480	2.91	1.95

5G WiFi

Test Mode	Test Frequency (MHz)	Output Power (dBm)	Reading Power (mW)
802.11a	5180	14.03	25.29
	5200	13.87	24.38
	5240	13.78	23.88
	5260	14.50	28.18
	5300	13.55	22.65
	5320	14.48	28.05
	5500	14.48	28.05
	5580	14.69	29.44
	5600	15.01	31.70
	5700	13.13	20.56
	5745	13.34	21.58
	5785	14.37	27.35
	5825	13.25	21.13
802.11n(HT20)	5180	14.09	25.64
	5200	13.47	22.23
	5240	13.71	23.50
	5260	14.20	26.30
	5300	13.27	21.23
	5320	14.11	25.76
	5500	14.51	28.25
	5580	14.57	28.64
	5600	14.95	31.26
	5700	13.56	22.70
	5745	14.15	26.00
	5785	14.19	26.24
	5825	13.31	21.43
802.11n(HT40)	5190	13.56	22.70
	5230	13.18	20.80
	5270	13.44	22.08
	5310	13.65	23.17
	5510	14.14	25.94
	5550	15.07	32.14
	5590	14.82	30.34
	5670	13.16	20.70
	5755	14.27	26.73
	5795	13.88	24.43

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

GSM850

Test Mode		Conducted Power (dBm)			Conducted Power (mW)		
		LCH	MCH	HCH	LCH	MCH	HCH
EGPRS	1 TX Slot	25.23	25.95	25.91	333.43	393.55	389.94
	2 TX Slots	25.22	25.85	25.86	332.66	384.59	385.48
	3 TX Slots	24.83	25.63	25.57	304.09	365.59	360.58
	4 TX Slots	24.62	25.58	25.46	289.73	361.41	351.56
GPRS	1 TX Slot	31.42	31.73	31.91	1386.76	1489.36	1552.39
	2 TX Slots	31.33	31.69	31.87	1358.31	1475.71	1538.15
	3 TX Slots	31.18	31.56	31.73	1312.20	1432.19	1489.36
	4 TX Slots	31.01	31.39	31.55	1261.83	1377.21	1428.89
GSM	GSM	31.38	31.79	31.99	1374.04	1510.08	1581.25

PCS 1900

Test Mode		Conducted Power (dBm)			Conducted Power (mW)		
		LCH	MCH	HCH	LCH	MCH	HCH
EGPRS	1 TX Slot	23.62	23.75	23.71	230.14	237.14	234.96
	2 TX Slots	23.59	23.69	23.74	228.56	233.88	236.59
	3 TX Slots	23.37	23.59	23.52	217.27	228.56	224.91
	4 TX Slots	23.21	24.56	23.27	209.41	285.76	212.32
GPRS	1 TX Slot	27.77	27.63	28.00	598.41	579.43	630.96
	2 TX Slots	27.72	27.63	28.00	591.56	579.43	630.96
	3 TX Slots	27.62	27.56	27.93	578.10	570.16	620.87
	4 TX Slots	27.49	27.46	27.83	561.05	557.19	606.74
GSM	GSM	27.88	27.79	28.12	613.76	601.17	648.63

WCDMA Band 2

Test Mode		Conducted Power (dBm)			Conducted Power (mW)		
		LCH	MCH	HCH	LCH	MCH	HCH
HSUPA	Subtest 1	16.29	17.30	17.33	42.56	53.70	54.08
	Subtest 2	15.97	16.60	16.33	39.54	45.71	42.95
	Subtest 3	16.47	16.40	17.60	44.36	43.65	57.54
	Subtest 4	16.66	15.69	17.04	46.34	37.07	50.58
	Subtest 5	16.99	15.93	17.13	50.00	39.17	51.64
HSDPA	Subtest 1	16.24	16.58	16.78	42.07	45.50	47.64
	Subtest 2	16.43	16.44	16.69	43.95	44.06	46.67
	Subtest 3	15.98	16.02	16.54	39.63	39.99	45.08

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

	Subtest 4	15.98	16.01	16.39	39.63	39.90	43.55
RMC	12.2kbps RMC	20.00	20.20	20.43	100.00	104.71	110.41

WCDMA Band 4

Test Mode		Conducted Power (dBm)			Conducted Power (mW)		
		LCH	MCH	HCH	LCH	MCH	HCH
HSUPA	Subtest 1	17.83	16.78	17.00	60.67	47.64	50.12
	Subtest 2	17.63	16.44	17.06	57.94	44.06	50.82
	Subtest 3	18.22	17.75	17.79	66.37	59.57	60.12
	Subtest 4	17.61	17.04	16.35	57.68	50.58	43.15
	Subtest 5	17.52	17.26	17.28	56.49	53.21	53.46
HSDPA	Subtest 1	17.31	16.77	17.24	53.83	47.53	52.97
	Subtest 2	17.46	17.43	17.81	55.72	55.34	60.39
	Subtest 3	17.75	16.70	17.56	59.57	46.77	57.02
	Subtest 4	17.72	17.16	16.97	59.16	52.00	49.77
RMC	12.2kbps RMC	21.37	20.78	21.18	137.09	119.67	131.22

WCDMA Band 5

Test Mode		Conducted Power (dBm)			Conducted Power (mW)		
		LCH	MCH	HCH	LCH	MCH	HCH
HSUPA	Subtest 1	18.80	18.53	19.08	75.86	71.29	80.91
	Subtest 2	18.47	18.45	19.22	70.31	69.98	83.56
	Subtest 3	17.75	19.25	19.11	59.57	84.14	81.47
	Subtest 4	19.08	19.00	19.48	80.91	79.43	88.72
	Subtest 5	18.78	19.42	19.51	75.51	87.50	89.33
HSDPA	Subtest 1	19.00	19.73	19.13	79.43	93.97	81.85
	Subtest 2	18.80	19.33	19.18	75.86	85.70	82.79
	Subtest 3	18.70	18.71	18.97	74.13	74.30	78.89
	Subtest 4	18.72	18.59	19.21	74.47	72.28	83.37
RMC	12.2kbps RMC	22.20	22.75	22.90	165.96	188.36	194.98

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

LTE BAND 2

Test Band: 2 _ 1.4MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	20.31	20.33	20.58	107.40	107.89	114.29
		2	20.39	20.46	20.67	109.40	111.17	116.68
		5	20.29	20.34	20.56	106.91	108.14	113.76
	3	0	20.37	20.41	20.69	108.89	109.90	117.22
		2	20.36	20.45	20.78	108.64	110.92	119.67
		3	20.35	20.43	20.60	108.39	110.41	114.82
	6	0	19.43	19.38	19.77	87.70	86.70	94.84
16QAM	1		19.02	19.95	19.86	79.80	98.86	96.83
		2	19.41	20.01	19.94	87.30	100.23	98.63
		5	19.46	20.06	19.81	88.31	101.39	95.72
	3	0	19.44	19.47	19.80	87.90	88.51	95.50
		2	19.38	19.54	19.90	86.70	89.95	97.72
		3	19.34	19.49	19.83	85.90	88.92	96.16
	6	0	17.99	18.40	18.70	62.95	69.18	74.13

Test Band: 2 _ 3MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	20.25	20.48	20.83	105.93	111.69	121.06
		7	20.39	20.62	20.86	109.40	115.35	121.90
		14	20.39	20.52	20.76	109.40	112.72	119.12
	8	0	19.40	19.50	19.86	87.10	89.13	96.83
		4	19.51	19.55	19.83	89.33	90.16	96.16
		7	19.55	19.54	19.75	90.16	89.95	94.41
	15	0	19.48	19.52	19.79	88.72	89.54	95.28
16QAM	1		19.79	19.77	19.70	95.28	94.84	93.33
		7	19.82	19.79	19.79	95.94	95.28	95.28
		14	19.69	19.71	19.80	93.11	93.54	95.50
	8	0	18.23	18.53	19.06	66.53	71.29	80.54
		4	18.26	18.73	19.04	66.99	74.64	80.17
		7	18.28	18.63	18.75	67.30	72.95	74.99
	15	0	18.29	18.62	18.87	67.45	72.78	77.09

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Test Band: 2 _ 5MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	20.19	20.48	20.72	104.47	111.69	118.03
		13	20.35	20.56	20.62	108.39	113.76	115.35
		24	20.30	20.39	20.77	107.15	109.40	119.40
	12	0	19.41	19.41	19.82	87.30	87.30	95.94
		6	19.60	19.55	19.79	91.20	90.16	95.28
		13	19.50	19.51	19.73	89.13	89.33	93.97
	25	0	19.50	19.45	19.85	89.13	88.10	96.61
16QAM	1		19.83	19.05	19.54	96.16	80.35	89.95
		13	19.89	19.05	19.51	97.50	80.35	89.33
		24	19.71	18.95	19.71	93.54	78.52	93.54
	12	0	18.29	18.34	18.75	67.45	68.23	74.99
		6	18.40	18.49	18.75	69.18	70.63	74.99
		13	18.30	18.43	18.76	67.61	69.66	75.16
	25	0	18.22	18.59	18.82	66.37	72.28	76.21

Test Band: 2 _ 10MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	20.46	20.47	20.48	111.17	111.43	111.69
		25	20.52	20.65	20.62	112.72	116.14	115.35
		49	20.36	20.45	20.43	108.64	110.92	110.41
	25	0	19.56	19.57	19.68	90.36	90.57	92.90
		13	19.48	19.59	19.80	88.72	90.99	95.50
		25	19.41	19.44	19.82	87.30	87.90	95.94
	50	0	19.47	19.46	19.63	88.51	88.31	91.83
16QAM	1		20.22	20.00	18.99	105.20	100.00	79.25
		25	20.07	19.92	19.84	101.62	98.17	96.38
		49	20.10	19.73	19.66	102.33	93.97	92.47
	25	0	18.52	18.55	18.80	71.12	71.61	75.86
		13	18.45	18.67	18.91	69.98	73.62	77.80
		25	18.33	18.32	18.80	68.08	67.92	75.86
	50	25	18.30	18.48	18.56	67.61	70.47	71.78

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Test Band: 2 _ 15MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	20.46	20.43	20.35	111.17	110.41	108.39
		38	20.38	20.41	20.54	109.14	109.90	113.24
		74	20.45	20.21	20.62	110.92	104.95	115.35
	36	0	19.48	19.53	19.58	88.72	89.74	90.78
		18	19.58	19.55	19.74	90.78	90.16	94.19
		39	19.50	19.38	19.72	89.13	86.70	93.76
	75	0	19.55	19.44	19.59	90.16	87.90	90.99
16QAM	1		19.78	19.47	19.75	95.06	88.51	94.41
		38	19.78	19.57	20.08	95.06	90.57	101.86
		74	19.84	19.56	20.26	96.38	90.36	106.17
	36	0	18.32	18.55	18.52	67.92	71.61	71.12
		18	18.35	18.40	18.68	68.39	69.18	73.79
		39	18.35	18.20	18.66	68.39	66.07	73.45
	75	0	18.48	18.47	18.54	70.47	70.31	71.45

Test Band: 2 _ 20MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	20.50	20.35	20.44	112.20	108.39	110.66
		50	20.71	20.47	20.62	117.76	111.43	115.35
		99	20.64	19.94	20.73	115.88	98.63	118.30
	50	0	19.50	19.55	19.55	89.13	90.16	90.16
		25	19.56	19.50	19.70	90.36	89.13	93.33
		50	19.64	19.41	19.78	92.04	87.30	95.06
	100	0	19.62	19.48	19.52	91.62	88.72	89.54
16QAM	1		19.31	19.87	20.18	85.31	97.05	104.23
		50	19.61	20.23	20.35	91.41	105.44	108.39
		99	19.51	19.77	20.46	89.33	94.84	111.17
	36	0	18.46	18.56	18.38	70.15	71.78	68.87
		25	18.61	18.52	18.54	72.61	71.12	71.45
		50	18.57	18.33	18.64	71.94	68.08	73.11
	75	50	18.57	18.52	18.58	71.94	71.12	72.11

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

LTE BAND 4

Test Band: 4 _ 1.4MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	21.28	20.64	20.94	134.28	115.88	124.17
		2	21.18	20.80	21.06	131.22	120.23	127.64
		5	21.12	20.63	20.98	129.42	115.61	125.31
	3	0	21.29	20.69	21.01	134.59	117.22	126.18
		2	21.24	20.95	21.13	133.05	124.45	129.72
		3	21.34	20.79	21.07	136.14	119.95	127.94
	6	0	20.44	19.83	20.34	110.66	96.16	108.14
16QAM	1		20.57	19.51	20.27	114.02	89.33	106.41
		2	20.73	19.46	20.67	118.30	88.31	116.68
		5	20.46	19.54	20.49	111.17	89.95	111.94
	3	0	20.36	19.53	20.03	108.64	89.74	100.69
		2	20.41	20.03	20.06	109.90	100.69	101.39
		3	20.37	20.03	20.01	108.89	100.69	100.23
	6	0	19.18	18.43	19.27	82.79	69.66	84.53

Test Band: 4 _ 3MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	21.44	20.78	21.07	139.32	119.67	127.94
		7	21.50	20.67	21.15	141.25	116.68	130.32
		14	21.36	20.73	21.29	136.77	118.30	134.59
	8	0	20.40	19.68	20.23	109.65	92.90	105.44
		4	20.41	19.81	20.23	109.90	95.72	105.44
		7	20.33	19.78	20.11	107.89	95.06	102.57
	15	0	20.37	19.78	20.19	108.89	95.06	104.47
16QAM	1		20.68	20.09	20.02	116.95	102.09	100.46
		7	20.62	20.18	20.09	115.35	104.23	102.09
		14	21.32	20.15	20.23	135.52	103.51	105.44
	8	0	19.23	18.57	19.03	83.75	71.94	79.98
		4	19.25	18.70	19.03	84.14	74.13	79.98
		7	19.15	18.57	18.99	82.22	71.94	79.25
	15	0	19.18	18.69	19.19	82.79	73.96	82.99

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Test Band: 4 _ 5MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	21.38	20.80	21.25	137.40	120.23	133.35
		13	21.21	20.74	21.10	132.13	118.58	128.82
		24	21.28	20.78	21.41	134.28	119.67	138.36
	12	0	20.30	19.70	20.20	107.15	93.33	104.71
		6	20.38	19.80	20.26	109.14	95.50	106.17
		13	20.28	19.71	20.14	106.66	93.54	103.28
	25	0	20.28	19.69	20.15	106.66	93.11	103.51
16QAM	1		20.72	19.30	19.96	118.03	85.11	99.08
		13	20.57	19.32	19.77	114.02	85.51	94.84
		24	20.76	19.30	20.12	119.12	85.11	102.80
	12	0	19.41	18.44	19.23	87.30	69.82	83.75
		6	19.49	18.54	19.29	88.92	71.45	84.92
		13	19.39	18.65	19.17	86.90	73.28	82.60
	25	0	19.33	18.87	19.21	85.70	77.09	83.37

Test Band: 4 _ 10MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	21.41	20.83	20.96	138.36	121.06	124.74
		25	21.70	20.77	21.21	147.91	119.40	132.13
		49	21.14	20.69	21.18	130.02	117.22	131.22
	25	0	20.32	19.72	20.22	107.65	93.76	105.20
		12	20.32	19.82	20.21	107.65	95.94	104.95
		25	20.30	19.72	20.06	107.15	93.76	101.39
	50	0	20.24	19.72	20.08	105.68	93.76	101.86
16QAM	1		20.57	20.02	19.90	114.02	100.46	97.72
		25	20.85	20.17	19.97	121.62	103.99	99.31
		49	20.68	20.01	19.92	116.95	100.23	98.17
	25	0	19.52	18.49	19.25	89.54	70.63	84.14
		12	19.52	18.51	19.34	89.54	70.96	85.90
		25	19.38	18.50	19.19	86.70	70.79	82.99
	50	25	19.31	18.78	19.15	85.31	75.51	82.22

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Test Band: 4 _ 15MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	21.35	20.83	20.75	136.46	121.06	118.85
		37	21.18	20.90	21.01	131.22	123.03	126.18
		74	20.52	20.97	20.93	112.72	125.03	123.88
	36	0	20.33	19.86	20.02	107.89	96.83	100.46
		20	20.38	19.80	20.20	109.14	95.50	104.71
		39	20.00	19.78	20.12	100.00	95.06	102.80
	75	0	20.27	19.77	20.11	106.41	94.84	102.57
16QAM	1		20.61	20.14	20.03	115.08	103.28	100.69
		37	20.76	20.04	20.29	119.12	100.93	106.91
		74	20.23	20.19	20.22	105.44	104.47	105.20
	36	0	19.41	18.63	18.97	87.30	72.95	78.89
		20	19.36	18.69	19.05	86.30	73.96	80.35
		39	19.09	18.77	18.97	81.10	75.34	78.89
	75	37	21.35	20.83	20.75	136.46	121.06	118.85

Test Band: 4 _ 20MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	21.32	20.75	20.87	135.52	118.85	122.18
		50	21.34	20.94	21.09	136.14	124.17	128.53
		99	20.70	20.95	21.13	117.49	124.45	129.72
	50	0	20.43	19.81	20.04	110.41	95.72	100.93
		25	20.23	19.85	20.11	105.44	96.61	102.57
		50	19.84	19.82	20.04	96.38	95.94	100.93
	100	0	20.14	19.81	20.09	103.28	95.72	102.09
16QAM	1		20.37	20.17	20.73	108.89	103.99	118.30
		50	20.20	20.22	21.07	104.71	105.20	127.94
		99	19.54	20.16	20.98	89.95	103.75	125.31
	50	0	19.29	18.72	18.87	84.92	74.47	77.09
		25	19.08	18.78	19.06	80.91	75.51	80.54
		50	18.80	18.75	19.00	75.86	74.99	79.43
	100	0	19.20	18.86	19.15	83.18	76.91	82.22

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

LTE Band 5

Test Band: 5 _ 1.4MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	21.99	22.75	22.62	158.12	188.36	182.81
		2	22.07	22.82	22.64	161.06	191.43	183.65
		5	21.97	22.71	22.71	157.40	186.64	186.64
	3	0	22.17	22.90	23.04	164.82	194.98	201.37
		2	22.27	23.08	22.93	168.66	203.24	196.34
		3	22.19	23.19	22.82	165.58	208.45	191.43
	6	0	21.15	21.85	21.90	130.32	153.11	154.88
16QAM	1		20.95	21.77	22.19	124.45	150.31	165.58
		2	21.48	21.95	22.41	140.60	156.68	174.18
		5	21.33	22.08	22.51	135.83	161.44	178.24
	3	0	21.20	21.44	22.12	131.83	139.32	162.93
		2	21.25	21.65	22.12	133.35	146.22	162.93
		3	21.18	21.63	21.81	131.22	145.55	151.71
	6	0	20.26	20.43	20.78	106.17	110.41	119.67

Test Band: 5 _ 3MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	22.18	22.62	22.83	165.20	182.81	191.87
		7	22.32	22.68	23.07	170.61	185.35	202.77
		14	22.30	22.75	22.81	169.82	188.36	190.99
	8	0	21.34	21.70	21.88	136.14	147.91	154.17
		4	21.21	21.82	21.88	132.13	152.05	154.17
		7	21.34	21.85	21.82	136.14	153.11	152.05
	15	0	21.27	21.78	21.93	133.97	150.66	155.96
16QAM	1		21.44	21.77	21.40	139.32	150.31	138.04
		7	21.97	22.17	21.53	157.40	164.82	142.23
		14	22.11	22.10	21.34	162.55	162.18	136.14
	8	0	20.48	20.65	20.60	111.69	116.14	114.82
		4	20.39	20.67	20.57	109.40	116.68	114.02
		7	20.52	20.69	20.62	112.72	117.22	115.35
	15	0	20.33	20.62	20.71	107.89	115.35	117.76

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Test Band: 5 _ 5MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	22.10	22.78	23.04	162.18	189.67	201.37
		13	22.25	22.82	22.78	167.88	191.43	189.67
		24	22.15	22.81	22.83	164.06	190.99	191.87
	12	0	21.26	21.71	21.98	133.66	148.25	157.76
		6	21.28	21.74	21.91	134.28	149.28	155.24
		13	21.32	21.86	21.88	135.52	153.46	154.17
	25	0	21.33	21.81	21.97	135.83	151.71	157.40
16QAM	1		21.44	21.32	21.78	139.32	135.52	150.66
		13	21.63	21.36	21.61	145.55	136.77	144.88
		24	21.50	21.36	21.54	141.25	136.77	142.56
	12	0	20.26	20.41	20.72	106.17	109.90	118.03
		6	19.97	20.64	20.64	99.31	115.88	115.88
		13	19.92	20.73	20.60	98.17	118.30	114.82
	25	0	20.07	20.73	20.81	101.62	118.30	120.50

Test Band: 5 _ 10MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	22.16	22.70	23.01	164.44	186.21	199.99
		25	22.45	23.03	23.34	175.79	200.91	215.77
		49	22.61	23.09	23.03	182.39	203.70	200.91
	25	0	21.35	21.79	22.00	136.46	151.01	158.49
		13	21.52	21.87	22.13	141.91	153.82	163.31
		25	21.60	21.98	22.02	144.54	157.76	159.22
	50	0	21.50	21.84	22.02	141.25	152.76	159.22
16QAM	1		21.34	21.96	21.66	136.14	157.04	146.55
		25	21.85	22.25	21.86	153.11	167.88	153.46
		49	22.12	22.14	21.30	162.93	163.68	134.90
	25	0	20.36	20.72	21.06	108.64	118.03	127.64
		13	20.53	20.91	21.17	112.98	123.31	130.92
		25	20.72	20.96	20.98	118.03	124.74	125.31
	50	0	20.50	20.72	20.92	112.20	118.03	123.59

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

LTE Band 7

Test Band: 7 _ 5MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	20.58	20.58	20.07	114.29	114.29	101.62
		13	20.51	20.67	20.01	112.46	116.68	100.23
		24	20.63	20.36	20.03	115.61	108.64	100.69
	12	0	19.74	19.59	19.16	94.19	90.99	82.41
		6	19.65	19.70	19.08	92.26	93.33	80.91
		13	19.65	19.68	19.10	92.26	92.90	81.28
	25	0	19.69	19.64	19.10	93.11	92.04	81.28
16QAM	1		19.71	19.07	18.82	93.54	80.72	76.21
		13	19.33	19.07	18.94	85.70	80.72	78.34
		24	19.40	19.09	19.10	87.10	81.10	81.28
	12	0	18.44	18.54	18.23	69.82	71.45	66.53
		6	18.57	18.52	18.12	71.94	71.12	64.86
		13	18.55	18.61	18.21	71.61	72.61	66.22
	25	0	18.48	18.91	18.21	70.47	77.80	66.22

Test Band: 12 _ 10MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	20.61	20.38	19.90	115.08	109.14	97.72
		25	20.48	20.86	20.34	111.69	121.90	108.14
		49	20.26	20.23	20.18	106.17	105.44	104.23
	25	0	19.68	19.48	19.04	92.90	88.72	80.17
		13	19.59	19.64	19.20	90.99	92.04	83.18
		25	19.57	19.62	19.21	90.57	91.62	83.37
	50	0	19.63	19.65	19.22	91.83	92.26	83.56
16QAM	1		19.66	20.13	19.16	92.47	103.04	82.41
		25	19.63	20.52	19.73	91.83	112.72	93.97
		49	19.13	20.13	19.36	81.85	103.04	86.30
	25	0	18.82	18.57	17.97	76.21	71.94	62.66
		13	18.42	18.63	18.15	69.50	72.95	65.31
		25	18.42	18.51	18.13	69.50	70.96	65.01
	50	0	18.52	18.47	18.22	71.12	70.31	66.37

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Test Band: 12 _ 15MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	20.50	20.26	19.79	112.20	106.17	95.28
		38	20.25	20.57	20.17	105.93	114.02	103.99
		74	19.95	20.13	20.10	98.86	103.04	102.33
	36	0	19.69	19.54	18.96	93.11	89.95	78.70
		18	19.55	19.67	19.07	90.16	92.68	80.72
		39	19.32	19.49	19.22	85.51	88.92	83.56
	75	0	19.59	19.51	18.96	90.99	89.33	78.70
16QAM	1		19.75	20.15	19.18	94.41	103.51	82.79
		38	19.53	19.91	19.31	89.74	97.95	85.31
		74	19.17	19.57	19.45	82.60	90.57	88.10
	36	0	18.38	18.69	17.80	68.87	73.96	60.26
		18	18.31	18.74	18.11	67.76	74.82	64.71
		39	18.11	18.58	18.11	64.71	72.11	64.71
	75	0	18.47	18.61	18.01	70.31	72.61	63.24

Test Band: 12 _ 20MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	20.54	20.39	19.58	113.24	109.40	90.78
		50	20.21	20.72	20.18	104.95	118.03	104.23
		99	19.78	20.22	19.81	95.06	105.20	95.72
	50	0	19.58	19.60	18.89	90.78	91.20	77.45
		25	19.47	19.66	19.07	88.51	92.47	80.72
		50	19.26	19.43	19.11	84.33	87.70	81.47
	100	0	19.41	19.53	18.98	87.30	89.74	79.07
16QAM	1		19.91	19.46	18.80	97.95	88.31	75.86
		50	20.12	19.74	19.50	102.80	94.19	89.13
		99	19.68	19.28	19.63	92.90	84.72	91.83
	50	0	18.64	18.63	17.85	73.11	72.95	60.95
		25	18.44	18.63	18.22	69.82	72.95	66.37
		50	18.15	18.41	18.21	65.31	69.34	66.22
	100	0	18.39	18.49	17.93	69.02	70.63	62.09

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

LTE Band 12

Test Band: 12 _ 1.4MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	22.73	22.28	22.32	187.50	169.04	170.61
		2	22.78	22.37	22.40	189.67	172.58	173.78
		5	22.74	22.24	22.26	187.93	167.49	168.27
	3	0	22.64	22.38	22.52	183.65	172.98	178.65
		2	22.69	22.37	22.55	185.78	172.58	179.89
		3	22.62	22.38	22.45	182.81	172.98	175.79
	6	0	21.68	21.20	21.41	147.23	131.83	138.36
16QAM	1		22.28	21.41	21.17	169.04	138.36	130.92
		2	22.52	21.66	21.50	178.65	146.55	141.25
		5	22.32	21.40	21.43	170.61	138.04	139.00
	3	0	21.79	21.17	21.51	151.01	130.92	141.58
		2	21.79	21.30	21.49	151.01	134.90	140.93
		3	21.33	21.36	21.51	135.83	136.77	141.58
	6	0	20.77	20.44	20.58	119.40	110.66	114.29

Test Band: 12 _ 3MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	22.61	22.29	22.37	182.39	169.43	172.58
		7	22.54	22.28	22.26	179.47	169.04	168.27
		14	22.33	22.09	22.45	171.00	161.81	175.79
	8	0	21.69	21.31	21.27	147.57	135.21	133.97
		4	21.75	21.35	21.49	149.62	136.46	140.93
		7	21.57	21.23	21.35	143.55	132.74	136.46
	15	0	21.60	21.32	21.43	144.54	135.52	139.00
16QAM	1		21.46	21.75	21.45	139.96	149.62	139.64
		7	21.31	22.08	21.67	135.21	161.44	146.89
		14	21.42	21.36	21.58	138.68	136.77	143.88
	8	0	20.51	20.05	20.43	112.46	101.16	110.41
		4	20.68	20.02	20.57	116.95	100.46	114.02
		7	20.49	19.98	20.52	111.94	99.54	112.72
	15	0	20.43	20.06	20.27	110.41	101.39	106.41

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Test Band: 12 _ 5MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	22.47	22.12	22.42	176.60	162.93	174.58
		13	22.48	22.04	22.30	177.01	159.96	169.82
		24	22.49	21.98	22.38	177.42	157.76	172.98
	12	0	21.62	21.30	21.10	145.21	134.90	128.82
		6	21.53	21.30	21.22	142.23	134.90	132.43
		13	21.43	21.21	21.26	139.00	132.13	133.66
	25	0	21.45	21.24	21.24	139.64	133.05	133.05
16QAM	1		21.41	21.62	20.56	138.36	145.21	113.76
		13	21.30	21.34	20.66	134.90	136.14	116.41
		24	21.19	21.29	20.82	131.52	134.59	120.78
	12	0	20.65	20.05	20.16	116.14	101.16	103.75
		6	20.44	19.99	20.19	110.66	99.77	104.47
		13	20.24	19.97	20.23	105.68	99.31	105.44
	25	0	20.48	20.16	20.32	111.69	103.75	107.65

Test Band: 12 _ 10MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	22.63	22.29	22.40	183.23	169.43	173.78
		25	22.32	22.24	22.33	170.61	167.49	171.00
		49	22.05	21.92	22.21	160.32	155.60	166.34
	25	0	21.55	21.33	21.30	142.89	135.83	134.90
		13	21.39	21.26	21.24	137.72	133.66	133.05
		25	21.33	21.16	21.24	135.83	130.62	133.05
	50	0	21.42	21.24	21.22	138.68	133.05	132.43
16QAM	1		21.51	21.96	21.64	141.58	157.04	145.88
		25	21.37	22.01	21.47	137.09	158.85	140.28
		49	21.02	21.73	21.63	126.47	148.94	145.55
	25	0	20.54	20.31	20.20	113.24	107.40	104.71
		13	20.41	20.21	20.25	109.90	104.95	105.93
		25	20.14	20.11	20.25	103.28	102.57	105.93
	50	0	20.26	19.97	20.28	106.17	99.31	106.66

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

LTE Band 13

Test Band: 13 _ 5MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	22.93	22.94	22.69	196.34	196.79	185.78
		13	23.05	22.69	22.56	201.84	185.78	180.30
		24	23.01	22.89	22.76	199.99	194.54	188.80
	12	0	21.86	22.00	21.82	153.46	158.49	152.05
		6	21.82	21.80	21.61	152.05	151.36	144.88
		13	21.96	21.80	21.74	157.04	151.36	149.28
	25	0	21.96	21.98	21.68	157.04	157.76	147.23
16QAM	1		21.92	22.10	21.23	155.60	162.18	132.74
		13	21.98	21.77	21.25	157.76	150.31	133.35
		24	21.99	22.13	21.39	158.12	163.31	137.72
	12	0	20.85	20.84	20.84	121.62	121.34	121.34
		6	20.81	20.75	20.63	120.50	118.85	115.61
		13	20.94	20.73	20.76	124.17	118.30	119.12
	25	0	20.97	20.83	20.68	125.03	121.06	116.95
Test Band: 13 _ 10MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	/	MCH	/
QPSK	1	0	/	22.81	/	/	190.99	/
		25	/	22.64	/	/	183.65	/
		49	/	22.60	/	/	181.97	/
	25	0	/	21.85	/	/	153.11	/
		13	/	21.78	/	/	150.66	/
		25	/	21.59	/	/	144.21	/
	50	0	/	21.73	/	/	148.94	/
16QAM	1		/	21.87	/	/	153.82	/
		25	/	21.71	/	/	148.25	/
		49	/	21.65	/	/	146.22	/
	25	0	/	20.98	/	/	125.31	/
		13	/	20.58	/	/	114.29	/
		25	/	20.49	/	/	111.94	/
	50	0	/	20.59	/	/	114.55	/

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

LTE Band 17

Test Band: 17 _ 5MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	22.35	22.24	22.08	171.79	167.49	161.44
		13	22.16	22.18	22.28	164.44	165.20	169.04
		24	22.27	22.30	22.40	168.66	169.82	173.78
	12	0	21.47	21.33	21.29	140.28	135.83	134.59
		6	21.30	21.30	21.31	134.90	134.90	135.21
		13	21.33	21.27	21.33	135.83	133.97	135.83
	25	0	21.44	21.17	21.31	139.32	130.92	135.21
16QAM	1		21.17	21.47	20.52	130.92	140.28	112.72
		13	20.89	21.47	20.56	122.74	140.28	113.76
		24	21.06	21.46	20.57	127.64	139.96	114.02
	12	0	20.46	20.19	20.01	111.17	104.47	100.23
		6	20.34	20.16	20.03	108.14	103.75	100.69
		13	20.35	20.13	20.17	108.39	103.04	103.99
	25	0	20.37	20.09	20.37	108.89	102.09	108.89

Test Band: 17 _ 10MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	/	MCH	/
QPSK	1	0	22.43	22.29	22.33	174.98	169.43	171.00
		25	22.28	22.65	22.46	169.04	184.08	176.20
		49	22.18	22.39	22.34	165.20	173.38	171.40
	25	0	21.48	21.33	21.33	140.60	135.83	135.83
		13	21.43	21.36	21.37	139.00	136.77	137.09
		25	21.41	21.34	21.38	138.36	136.14	137.40
	50	0	21.43	21.27	21.36	139.00	133.97	136.77
16QAM	1		21.43	21.74	21.65	139.00	149.28	146.22
		25	21.53	21.68	21.70	142.23	147.23	147.91
		49	21.32	21.95	21.64	135.52	156.68	145.88
	25	0	20.48	20.39	20.21	111.69	109.40	104.95
		13	20.46	20.32	20.37	111.17	107.65	108.89
		25	20.41	20.34	20.37	109.90	108.14	108.89
	50	0	20.36	20.30	20.29	108.64	107.15	106.91

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

LTE Band 26a

Test Band: 26a _ 1.4MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	22.55	22.39	22.29	179.89	173.38	169.43
		2	22.60	22.52	22.41	181.97	178.65	174.18
		5	22.51	22.35	22.30	178.24	171.79	169.82
	3	0	22.84	22.50	22.28	192.31	177.83	169.04
		2	22.80	22.54	22.37	190.55	179.47	172.58
		3	22.76	22.48	22.35	188.80	177.01	171.79
	6	0	21.79	21.56	21.41	151.01	143.22	138.36
16QAM	1		22.00	21.30	21.21	158.49	134.90	132.13
		2	22.22	21.43	21.29	166.72	139.00	134.59
		5	21.90	21.38	21.31	154.88	137.40	135.21
	3	0	21.91	21.64	21.28	155.24	145.88	134.28
		2	21.78	21.72	21.44	150.66	148.59	139.32
		3	21.64	21.47	21.48	145.88	140.28	140.60
	6	0	20.67	20.56	20.33	116.68	113.76	107.89

Test Band: 26a _ 3MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	/	MCH	/
QPSK	1	0	22.66	22.53	22.40	184.50	179.06	173.78
		7	22.78	22.57	22.23	189.67	180.72	167.11
		14	22.78	22.70	22.28	189.67	186.21	169.04
	8	0	21.73	21.48	21.28	148.94	140.60	134.28
		4	21.65	21.53	21.38	146.22	142.23	137.40
		7	21.58	21.48	21.39	143.88	140.60	137.72
	15	0	21.59	21.48	21.35	144.21	140.60	136.46
16QAM	1		21.75	21.98	21.72	149.62	157.76	148.59
		7	21.26	22.34	21.65	133.66	171.40	146.22
		14	21.48	22.36	21.58	140.60	172.19	143.88
	8	0	20.75	20.65	20.18	118.85	116.14	104.23
		4	20.67	20.65	20.07	116.68	116.14	101.62
		7	20.61	20.70	20.11	115.08	117.49	102.57
	15	0	20.70	20.28	20.14	117.49	106.66	103.28

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Test Band: 26a _ 5MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	22.57	22.40	22.38	180.72	173.78	172.98
		13	22.33	22.37	22.44	171.00	172.58	175.39
		24	22.26	22.51	22.22	168.27	178.24	166.72
	12	0	21.62	21.49	21.47	145.21	140.93	140.28
		6	21.62	21.43	21.55	145.21	139.00	142.89
		13	21.49	21.50	21.38	140.93	141.25	137.40
	25	0	21.47	21.48	21.41	140.28	140.60	138.36
16QAM	1		21.61	21.41	20.61	144.88	138.36	115.08
		13	21.40	21.43	20.65	138.04	139.00	116.14
		24	21.40	21.41	20.90	138.04	138.36	123.03
	12	0	20.40	20.04	20.16	109.65	100.93	103.75
		6	20.44	20.09	20.10	110.66	102.09	102.33
		13	20.36	20.10	19.90	108.64	102.33	97.72
	25	0	20.43	20.40	20.27	110.41	109.65	106.41

Test Band: 26a _ 3MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	/	MCH	/
QPSK	1	0	/	22.71	/	/	186.64	/
		25	/	22.70	/	/	186.21	/
		49	/	22.51	/	/	178.24	/
	25	0	/	21.47	/	/	140.28	/
		13	/	21.55	/	/	142.89	/
		25	/	21.43	/	/	139.00	/
	50	0	/	21.50	/	/	141.25	/
16QAM	1		/	22.00	/	/	158.49	/
		25	/	21.82	/	/	152.05	/
		49	/	21.61	/	/	144.88	/
	25	0	/	20.35	/	/	108.39	/
		13	/	20.27	/	/	106.41	/
		25	/	20.22	/	/	105.20	/
	50	0	/	20.23	/	/	105.44	/

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

LTE Band 26b

Test Band: 26b _ 1.4MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	22.17	22.95	23.01	164.82	197.24	199.99
		2	22.33	22.98	22.85	171.00	198.61	192.75
		5	22.36	23.25	22.67	172.19	211.35	184.93
	3	0	22.34	22.87	22.87	171.40	193.64	193.64
		2	22.33	23.08	22.73	171.00	203.24	187.50
		3	22.37	23.06	22.86	172.58	202.30	193.20
	6	0	21.38	22.10	22.02	137.40	162.18	159.22
16QAM	1		21.35	21.48	21.98	136.46	140.60	157.76
		2	21.48	21.76	22.44	140.60	149.97	175.39
		5	21.53	21.81	22.10	142.23	151.71	162.18
	3	0	21.34	21.47	22.24	136.14	140.28	167.49
		2	21.47	21.56	22.11	140.28	143.22	162.55
		3	21.40	21.95	21.56	138.04	156.68	143.22
	6	0	20.07	20.91	20.97	101.62	123.31	125.03
Test Band: 26b _ 3MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	/	MCH	/
QPSK	1	0	22.23	22.91	23.24	167.11	195.43	210.86
		7	22.47	23.27	22.95	176.60	212.32	197.24
		14	22.37	23.14	22.78	172.58	206.06	189.67
	8	0	21.40	22.09	22.02	138.04	161.81	159.22
		4	21.35	22.02	21.92	136.46	159.22	155.60
		7	21.35	22.05	21.86	136.46	160.32	153.46
	15	0	21.41	21.96	22.10	138.36	157.04	162.18
16QAM	1		21.32	22.02	22.08	135.52	159.22	161.44
		7	21.31	22.14	22.13	135.21	163.68	163.31
		14	21.33	22.17	21.63	135.83	164.82	145.55
	8	0	20.43	20.82	21.60	110.41	120.78	144.54
		4	20.42	20.89	21.42	110.15	122.74	138.68
		7	20.40	20.70	21.11	109.65	117.49	129.12
	15	0	20.44	20.61	21.07	110.66	115.08	127.94

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Test Band: 26b _ 5MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	22.19	22.72	22.90	165.58	187.07	194.98
		13	22.49	22.96	22.92	177.42	197.70	195.88
		24	22.46	22.92	22.60	176.20	195.88	181.97
	12	0	21.36	21.92	22.12	136.77	155.60	162.93
		6	21.40	22.04	22.00	138.04	159.96	158.49
		13	21.51	22.13	21.89	141.58	163.31	154.53
	25	0	21.49	21.97	21.98	140.93	157.40	157.76
16QAM	1		21.18	21.57	21.24	131.22	143.55	133.05
		13	21.27	22.08	21.27	133.97	161.44	133.97
		24	21.28	21.97	21.12	134.28	157.40	129.42
	12	0	20.32	20.72	21.01	107.65	118.03	126.18
		6	20.37	20.86	21.00	108.89	121.90	125.89
		13	20.46	20.84	20.72	111.17	121.34	118.03
	25	0	20.30	20.76	20.96	107.15	119.12	124.74

Test Band: 26b _ 10MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	/	MCH	/
QPSK	1	0	22.38	22.93	23.06	172.98	196.34	202.30
		25	22.83	23.24	23.42	191.87	210.86	219.79
		49	22.96	22.97	22.84	197.70	198.15	192.31
	25	0	21.68	22.00	22.16	147.23	158.49	164.44
		13	21.75	22.12	22.16	149.62	162.93	164.44
		25	21.78	22.10	22.00	150.66	162.18	158.49
	50	0	21.73	21.96	22.09	148.94	157.04	161.81
16QAM	1		21.30	22.31	22.39	134.90	170.22	173.38
		25	21.87	22.48	22.85	153.82	177.01	192.75
		49	21.61	22.34	22.11	144.88	171.40	162.55
	25	0	20.55	20.92	21.15	113.50	123.59	130.32
		13	20.62	21.24	20.89	115.35	133.05	122.74
		25	20.74	21.20	20.81	118.58	131.83	120.50
	50	0	20.61	21.04	21.03	115.08	127.06	126.77

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

LTE Band 26c

Test Band: 26c _ 15MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	22.51	22.12	22.77	178.24	162.93	189.23
		38	22.31	22.78	23.11	170.22	189.67	204.64
		74	22.19	22.82	22.80	165.58	191.43	190.55
	36	0	21.54	21.59	22.03	142.56	144.21	159.59
		18	21.45	21.73	22.07	139.64	148.94	161.06
		39	21.27	21.90	22.04	133.97	154.88	159.96
	75	0	21.40	21.82	21.99	138.04	152.05	158.12
16QAM	1		21.68	21.95	21.81	147.23	156.68	151.71
		38	21.41	22.49	22.35	138.36	177.42	171.79
		74	21.16	22.56	21.81	130.62	180.30	151.71
	36	0	20.20	20.54	20.92	104.71	113.24	123.59
		18	20.23	20.69	21.07	105.44	117.22	127.94
		39	20.17	20.64	20.85	103.99	115.88	121.62
	75	0	20.32	20.69	20.86	107.65	117.22	121.90

LTE Band 66

Test Band: 66 _ 1.4MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	21.66	21.66	21.71	146.55	146.55	148.25
		2	21.84	21.80	21.98	152.76	151.36	157.76
		5	21.76	21.51	21.56	149.97	141.58	143.22
	3	0	21.70	21.75	21.65	147.91	149.62	146.22
		2	21.80	21.89	21.66	151.36	154.53	146.55
		3	21.79	21.74	21.60	151.01	149.28	144.54
	6	0	20.82	20.80	20.71	120.78	120.23	117.76
16QAM	1		20.89	21.41	20.61	122.74	138.36	115.08
		2	20.96	21.67	20.81	124.74	146.89	120.50
		5	20.86	21.40	20.83	121.90	138.04	121.06
	3	0	20.92	21.12	21.18	123.59	129.42	131.22
		2	20.80	21.12	21.26	120.23	129.42	133.66
		3	20.90	20.84	20.87	123.03	121.34	122.18
	6	0	19.86	19.73	19.37	96.83	93.97	86.50

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Test Band: 66 _ 3MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	21.67	21.75	21.62	146.89	149.62	145.21
		7	21.64	21.89	21.60	145.88	154.53	144.54
		14	21.71	21.83	21.73	148.25	152.41	148.94
	8	0	20.76	20.88	20.61	119.12	122.46	115.08
		4	20.86	20.91	20.61	121.90	123.31	115.08
		7	20.81	20.89	20.65	120.50	122.74	116.14
	15	0	20.82	20.89	20.69	120.78	122.74	117.22
16QAM	1		20.72	21.33	20.77	118.03	135.83	119.40
		7	20.53	21.60	20.89	112.98	144.54	122.74
		14	20.32	21.73	20.94	107.65	148.94	124.17
	8	0	19.59	20.10	19.82	90.99	102.33	95.94
		4	19.70	20.16	19.91	93.33	103.75	97.95
		7	19.63	20.04	19.95	91.83	100.93	98.86
	15	0	19.76	19.81	19.80	94.62	95.72	95.50

Test Band: 66 _ 5MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	21.63	21.69	21.34	145.55	147.57	136.14
		13	21.68	21.56	21.55	147.23	143.22	142.89
		24	21.85	21.74	21.72	153.11	149.28	148.59
	12	0	20.67	20.73	20.59	116.68	118.30	114.55
		6	20.73	20.83	20.58	118.30	121.06	114.29
		13	20.75	20.76	20.65	118.85	119.12	116.14
	25	0	20.75	20.85	20.56	118.85	121.62	113.76
16QAM	1		20.69	20.53	19.73	117.22	112.98	93.97
		13	20.62	21.06	19.77	115.35	127.64	94.84
		24	20.59	21.12	20.01	114.55	129.42	100.23
	12	0	19.69	19.59	19.37	93.11	90.99	86.50
		6	19.66	19.47	19.46	92.47	88.51	88.31
		13	19.66	19.39	19.51	92.47	86.90	89.33
	25	0	19.68	19.64	19.55	92.90	92.04	90.16

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Test Band: 66 _ 10MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	21.68	21.70	21.10	147.23	147.91	128.82
		25	22.01	22.03	21.26	158.85	159.59	133.66
		49	21.70	21.96	21.58	147.91	157.04	143.88
	25	0	20.80	20.69	20.42	120.23	117.22	110.15
		13	20.85	20.90	20.44	121.62	123.03	110.66
		25	20.79	20.90	20.49	119.95	123.03	111.94
	50	0	20.74	20.84	20.52	118.58	121.34	112.72
16QAM	1		20.78	21.39	20.48	119.67	137.72	111.69
		25	20.81	21.56	20.77	120.50	143.22	119.40
		49	20.47	21.58	20.73	111.43	143.88	118.30
	25	0	20.02	19.74	19.40	100.46	94.19	87.10
		13	19.96	19.94	19.44	99.08	98.63	87.90
		25	19.90	19.93	19.52	97.72	98.40	89.54
	50	0	19.78	19.87	19.36	95.06	97.05	86.30

Test Band: 66 _ 15MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	21.60	21.54	21.28	144.54	142.56	134.28
		38	21.47	21.78	21.27	140.28	150.66	133.97
		74	21.04	21.91	21.55	127.06	155.24	142.89
	36	0	20.81	20.71	20.31	120.50	117.76	107.40
		18	20.83	20.89	20.40	121.06	122.74	109.65
		39	20.53	20.94	20.41	112.98	124.17	109.90
	75	0	20.66	20.77	20.37	116.41	119.40	108.89
16QAM	1		20.78	20.86	20.68	119.67	121.90	116.95
		38	20.86	21.42	20.38	121.90	138.68	109.14
		74	20.12	21.57	20.64	102.80	143.55	115.88
	36	0	19.75	19.64	19.30	94.41	92.04	85.11
		18	19.73	19.94	19.30	93.97	98.63	85.11
		39	19.48	19.99	19.42	88.72	99.77	87.50
	75	0	19.71	19.83	19.44	93.54	96.16	87.90

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Test Band: 66 _ 20MHz Bandwidth								
Modulation	RB Allocation		Conducted Power (dBm)			Conducted Power (mW)		
	Size	Offset	LCH	MCH	HCH	LCH	MCH	HCH
QPSK	1	0	21.55	21.65	21.46	142.89	146.22	139.96
		50	21.70	22.32	21.22	147.91	170.61	132.43
		99	21.25	22.21	21.57	133.35	166.34	143.55
	50	0	20.82	20.69	20.44	120.78	117.22	110.66
		25	20.68	20.90	20.30	116.95	123.03	107.15
		50	20.36	20.95	20.31	108.64	124.45	107.40
	100	0	20.64	20.75	20.40	115.88	118.85	109.65
16QAM	1		21.42	20.66	20.96	138.68	116.41	124.74
		50	21.53	20.86	20.87	142.23	121.90	122.18
		99	21.06	20.93	20.92	127.64	123.88	123.59
	50	0	19.63	19.61	19.46	91.83	91.41	88.31
		25	19.47	19.84	19.43	88.51	96.38	87.70
		50	19.19	19.87	19.37	82.99	97.05	86.50
	100	0	19.58	19.69	19.34	90.78	93.11	85.90

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

5.2 MPE Calculation

According to the formula $S=P/4\pi R^2$, we can calculate S which is MPE.

Note:

1) P (mW)

2) R = distance to the center of radiation of antenna (in meter) = 20cm

3) MPE limit = 1mW/cm²

Band Information	Antenna Gain (dBi)	Gain in Linear Scale G	Operation Distance R(cm)	Max Tune-up power (dBm)	Max Tune-up power (mW)	Power Density (mW/cm²)	Limit (mW/cm²)	Result
2.4G WiFi	1	1.26	20	18	63.1	0.016	1	Pass
5G WiFi	1	1.26	20	17	50.11	0.013	1	Pass
BT	1	1.26	20	14	25.12	0.006	1	Pass
BLE	1	1.26	20	4	2.51	0.001	1	Pass
GSM 850	1	1.26	20	32*	1584.89	0.397	0.55	Pass
GSM 1900	1	1.26	20	29*	794.33	0.199	1	Pass
WCDMA Band 2	1	1.26	20	25	316.23	0.079	1	Pass
WCDMA Band 4	1	1.26	20	25	316.23	0.079	1	Pass
WCDMA Band 5	1	1.26	20	25	316.23	0.079	0.55	Pass
LTE Band 2	1	1.26	20	25.7	371.54	0.093	1	Pass
LTE Band 4	1	1.26	20	25.7	371.54	0.093	1	Pass
LTE Band 5	1	1.26	20	25.7	371.54	0.093	0.55	Pass
LTE Band 7	1	1.26	20	25.7	371.54	0.093	1	Pass
LTE Band 12	1	1.26	20	25.7	371.54	0.093	0.47	Pass
LTE Band 13	1	1.26	20	25.7	371.54	0.093	0.52	Pass
LTE Band 17	1	1.26	20	25.7	371.54	0.093	0.47	Pass
LTE Band 25	1	1.26	20	25.7	371.54	0.093	1	Pass
LTE Band 26	1	1.26	20	25.7	371.54	0.093	0.54	Pass
LTE Band 66	1	1.26	20	25.7	371.54	0.093	1	Pass

The GSM averaged power calculated method are shown as below:
Averaged power=Maximum burst averaged power (1 Tx Slot)+(10lg(1/8))dB
Averaged power=Maximum burst averaged power (2 Tx Slot)+(10lg(2/8))dB
Averaged power=Maximum burst averaged power (3 Tx Slot)+(10lg(3/8))dB
Averaged power=Maximum burst averaged power (4 Tx Slot) + (10lg(4/8))dB

Note：*The tune up power for GSM is Average Target power

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

The WiFi&BT&GSM function can simultaneous transmitting.so the maximum rate of MPE is 0.016/1.0+0.006/1+0.397/0.55=0.744<=1.0.

The WiFi&BT&WCDMA function can simultaneous transmitting.so the maximum rate of MPE 0.016/1.0+0.006/1+0.079/0.55=0.220<=1.0.

The WiFi&BT&LTE function can simultaneous transmitting.so the maximum rate of MPE 0.016/1.0+0.006/1+0.093/0.47=0.220<=1.0.

According to the KDB447498 section 7.2 determine the device is exclusion from SAR test.

--End of the Report--

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com