



Appendix B

E-UTRA Band 4



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-Documents.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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057
中国·深圳·科技园中区M-10栋一号厂房

t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



CONTENT

1 EFFECTIVE (ISOTROPIC) RADIATED POWER.....	3
1.1. TEST RESULT FOR DOWN ANT.....	3
1.2. TEST RESULT FOR UP ANT.....	14
2. PEAK-TO-AVERAGE RATIO (CCDF).....	27
2.1. TEST RESULT.....	27
2.2. TEST PLOTS.....	27
3. MODULATION CHARACTERISTICS.....	32
3.1. TEST MODE = LTE /TM1 20MHZ.....	32
3.1.1. TEST CHANNEL = MCH.....	32
3.2. TEST MODE = LTE /TM2 20MHZ.....	33
3.2.1. TEST CHANNEL = MCH.....	33
3.3. TEST MODE = LTE /TM3 20MHZ.....	34
3.3.1. TEST CHANNEL = MCH.....	34
4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH.....	35
4.1. TEST RESULT.....	35
4.2. TEST PLOTS.....	37
5. BAND EDGE COMPLIANCE.....	64
5.1. TEST PLOTS.....	64
6. SPURIOUS EMISSION AT ANTENNA TERMINAL.....	100
6.1. TEST PLOTS.....	100
7. FIELD STRENGTH OF SPURIOUS RADIATION.....	118
7.1. TEST MODE =LTE/TM1 (DOWN ANT).....	118
7.1.1. TEST CHANNEL = LCH.....	118
7.1.2. TEST CHANNEL = MCH.....	118
7.1.3. TEST CHANNEL = HCH.....	119
7.2. TEST MODE =LTE/TM1 (UP ANT).....	119
7.2.1. TEST CHANNEL = LCH.....	119
7.2.2. TEST CHANNEL = MCH.....	120
7.2.3. TEST CHANNEL = HCH.....	120
8. FREQUENCY STABILITY.....	121
8.1. FREQUENCY VS VOLTAGE.....	121
8.2. FREQUENCY VS TEMPERATURE.....	121



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-Documents.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



1 Effective (Isotropic) Radiated Power

1.1. Test Result for Down Ant

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#2	22.05	21.08	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.11	21.14	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	22.14	21.17	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.12	21.15	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.07	21.10	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.19	21.22	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.22	20.25	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.14	21.17	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.11	21.14	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.12	21.15	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.14	21.17	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.22	21.25	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.17	21.20	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.23	20.26	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.13	21.16	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.26	21.29	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.10	21.13	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.14	21.17	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.23	21.26	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.19	21.22	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.27	20.30	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	20.49	19.52	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	20.28	19.31	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	20.16	19.19	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	20.07	19.10	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	20.23	19.26	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	20.32	19.35	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	19.25	18.28	30.00	PASS



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-Documents.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.sgs.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



Band4	1.4MHz	64QAM	20175	1RB#5	20.48	19.51	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	20.57	19.60	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	20.76	19.79	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	20.53	19.56	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	20.32	19.35	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	20.16	19.19	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.13	19.16	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	20.92	19.95	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	20.73	19.76	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	20.53	19.56	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	20.21	19.24	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	20.11	19.14	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	20.16	19.19	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	19.27	18.30	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.45	20.48	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.22	20.25	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.16	20.19	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.11	20.14	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.26	20.29	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.26	20.29	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.21	19.24	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.52	20.55	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.70	20.73	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.51	20.54	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.29	20.32	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.15	20.18	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.12	20.15	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.48	19.51	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.90	20.93	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.69	20.72	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.50	20.53	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.25	20.28	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.15	20.18	30.00	PASS



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-Documents.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.sgs.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



Band4	1.4MHz	16QAM	20393	3RB#3	21.16	20.19	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.27	19.30	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.04	21.07	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.24	21.27	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.19	21.22	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.27	20.30	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.29	20.32	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.21	20.24	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.28	20.31	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.18	21.21	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.29	21.32	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.09	21.12	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.33	20.36	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.35	20.38	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.24	20.27	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.26	20.29	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.32	21.35	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.38	21.41	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.22	21.25	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.30	20.33	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.35	20.38	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.30	20.33	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.27	20.30	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	20.23	19.26	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	20.35	19.38	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	20.55	19.58	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#0	19.27	18.30	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	19.48	18.51	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	19.36	18.39	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	19.43	18.46	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	20.43	19.46	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	20.54	19.57	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	20.35	19.38	30.00	PASS



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-Documents.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



Band4	3MHz	64QAM	20175	8RB#0	20.51	19.54	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	19.39	18.42	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	19.47	18.50	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	19.27	18.30	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	20.50	19.53	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	20.87	19.90	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	20.70	19.73	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	19.37	18.40	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	19.25	18.28	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	19.39	18.42	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	19.22	18.25	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.19	20.22	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.31	20.34	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.58	20.61	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.28	19.31	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.48	19.51	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.35	19.38	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.40	19.43	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.58	20.61	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.36	20.39	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.49	20.52	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.34	19.37	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.42	19.45	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.26	19.29	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.43	19.46	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.46	20.49	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.91	20.94	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.69	20.72	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.35	19.38	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.29	19.32	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.34	19.37	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.21	19.24	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.02	21.05	30.00	PASS



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-Documents.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



Band4	5MHz	QPSK	19975	1RB#0	22.21	21.24	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.14	21.17	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.31	20.34	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.29	20.32	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.25	20.28	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.24	20.27	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.22	21.25	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.22	21.25	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.28	21.31	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.30	20.33	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.32	20.35	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.31	20.34	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.27	20.30	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.24	21.27	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.28	21.31	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.06	21.09	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.26	20.29	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.30	20.33	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.29	20.32	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.29	20.32	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	20.09	19.12	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	20.45	19.48	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	20.43	19.46	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	19.12	18.15	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	19.36	18.39	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	19.15	18.18	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	19.32	18.35	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	20.20	19.23	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	20.20	19.23	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	20.87	19.90	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	20.18	19.21	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	19.33	18.36	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#13	19.40	18.43	30.00	PASS



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-Documents.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.

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



Band4	5MHz	64QAM	20175	25RB#0	19.19	18.22	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	20.58	19.61	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	20.31	19.34	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	20.25	19.28	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#13	19.21	18.24	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	19.31	18.34	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	19.30	18.33	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	19.24	18.27	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.07	20.10	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.43	20.46	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.39	20.42	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.16	19.19	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.33	19.36	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.17	19.20	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.31	19.34	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.23	20.26	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.88	20.91	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.18	20.21	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.35	19.38	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.44	19.47	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.23	19.26	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.20	19.23	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.59	20.62	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.28	20.31	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.29	20.32	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.19	19.22	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.26	19.29	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.32	19.35	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.20	19.23	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.07	21.10	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.37	21.40	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.04	21.07	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.05	20.08	30.00	PASS



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-Documents.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.sgs.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



Band4	10MHz	QPSK	20000	25RB#12	21.33	20.36	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.14	20.17	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.23	20.26	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.04	21.07	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.25	21.28	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.12	21.15	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.21	20.24	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.31	20.34	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.13	20.16	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.20	20.23	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.09	21.12	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.09	21.12	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.02	21.05	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.16	20.19	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.17	20.20	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.22	20.25	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.11	20.14	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	20.95	19.98	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	20.37	19.40	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	20.51	19.54	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	19.23	18.26	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	19.36	18.39	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	19.32	18.35	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	19.21	18.24	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	20.22	19.25	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	20.94	19.97	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	20.37	19.40	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	20.53	19.56	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	19.32	18.35	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	19.33	18.36	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	19.27	18.30	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	20.19	19.22	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	20.36	19.39	30.00	PASS



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-Documents.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.

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.sgs.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



Band4	10MHz	64QAM	20350	1RB#0	20.38	19.41	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	19.27	18.30	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	19.22	18.25	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	19.18	18.21	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	19.21	18.24	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.11	20.14	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.39	20.42	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.50	20.53	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.22	19.25	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.34	19.37	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.29	19.32	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.19	19.22	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.89	20.92	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.32	20.35	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.08	20.11	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.26	19.29	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.32	19.35	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.22	19.25	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.22	19.25	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.13	20.16	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.33	20.36	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.37	20.40	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.27	19.30	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.17	19.20	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.21	19.24	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.19	19.22	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.12	21.15	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.21	21.24	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.27	21.30	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#39	21.38	20.41	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#18	21.47	20.50	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#0	21.50	20.53	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.32	20.35	30.00	PASS



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-Documents.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.sgs.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



Band4	15MHz	QPSK	20175	1RB#74	22.15	21.18	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.39	21.42	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.31	21.34	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#0	21.28	20.31	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#39	21.50	20.53	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#18	21.50	20.53	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.42	20.45	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.19	21.22	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.22	21.25	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.31	21.34	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#39	21.31	20.34	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#0	21.41	20.44	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#18	21.39	20.42	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.27	20.30	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	20.22	19.25	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	20.81	19.84	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	20.77	19.80	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#0	19.25	18.28	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#18	19.45	18.48	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#39	19.38	18.41	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	19.42	18.45	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	20.44	19.47	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	20.09	19.12	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	20.54	19.57	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#0	20.58	19.61	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#18	19.39	18.42	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#39	19.53	18.56	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	19.43	18.46	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	20.27	19.30	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	20.51	19.54	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	20.41	19.44	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#0	19.39	18.42	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#18	19.39	18.42	30.00	PASS



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-Documents.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.sgs.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



Band4	15MHz	64QAM	20325	36RB#39	19.51	18.54	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	19.36	18.39	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.25	20.28	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.85	20.88	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.74	20.77	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#0	20.28	19.31	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#18	20.48	19.51	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#39	20.42	19.45	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.44	19.47	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.06	20.09	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.49	20.52	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.55	20.58	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#0	20.35	19.38	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#18	20.54	19.57	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#39	20.46	19.49	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.44	19.47	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.28	20.31	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.52	20.55	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.45	20.48	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#39	20.34	19.37	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#0	20.39	19.42	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#18	20.45	19.48	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.38	19.41	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.13	21.16	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.26	21.29	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.05	21.08	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.27	20.30	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.41	20.44	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.43	20.46	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.32	20.35	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.16	21.19	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.37	21.40	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.24	21.27	30.00	PASS



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-Documents.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.sgs.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



Band4	20MHz	QPSK	20175	50RB#25	21.31	20.34	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.49	20.52	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.46	20.49	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.39	20.42	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.06	21.09	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.33	21.36	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.13	21.16	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.32	20.35	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.50	20.53	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.40	20.43	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.47	20.50	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	20.75	19.78	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	20.50	19.53	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	20.14	19.17	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	19.33	18.36	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	19.58	18.61	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	19.48	18.51	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	19.39	18.42	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	20.44	19.47	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	20.17	19.20	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	20.75	19.78	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	20.40	19.43	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	19.38	18.41	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	19.54	18.57	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	19.47	18.50	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	20.62	19.65	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	20.73	19.76	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	20.40	19.43	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	19.39	18.42	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	19.53	18.56	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	19.38	18.41	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	19.43	18.46	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.71	20.74	30.00	PASS



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-Documents.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



Band4	20MHz	16QAM	20050	1RB#0	21.50	20.53	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.14	20.17	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.30	19.33	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.60	19.63	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.45	19.48	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.33	19.36	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.13	20.16	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.79	20.82	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.44	20.47	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.36	19.39	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.53	19.56	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.46	19.49	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.44	19.47	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.62	20.65	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.72	20.75	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.37	20.40	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.34	19.37	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.52	19.55	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.42	19.45	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.41	19.44	30.00	PASS

1.2. Test Result for Up Ant

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#2	22.06	20.48	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.20	20.62	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	22.05	20.47	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.11	20.53	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.17	20.59	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.08	20.50	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.20	19.62	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.06	20.48	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.03	20.45	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.06	20.48	30.00	PASS



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-Documents.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



Band4	1.4MHz	QPSK	20175	3RB#1	22.12	20.54	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.14	20.56	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.05	20.47	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.21	19.63	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.19	20.61	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.24	20.66	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.02	20.44	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.14	20.56	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.11	20.53	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.12	20.54	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.19	19.61	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	20.14	18.56	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	20.58	19.00	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	20.24	18.66	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	20.24	18.66	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	20.14	18.56	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	20.08	18.50	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	19.31	17.73	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	20.31	18.73	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	20.21	18.63	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	20.46	18.88	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	20.39	18.81	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	20.31	18.73	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	20.16	18.58	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.22	18.64	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	20.02	18.44	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	20.22	18.64	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	20.87	19.29	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	20.23	18.65	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	20.41	18.83	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	20.26	18.68	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	19.28	17.70	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.17	19.59	30.00	PASS



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-Documents.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.

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



Band4	1.4MHz	16QAM	19957	1RB#2	21.60	20.02	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.21	19.63	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.23	19.65	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.10	19.52	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.11	19.53	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.33	18.75	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.25	19.67	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.40	19.82	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.39	19.81	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.29	19.71	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.17	19.59	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.19	19.61	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.31	18.73	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.99	19.41	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.21	19.63	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.81	20.23	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.19	19.61	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.35	19.77	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.22	19.64	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.30	18.72	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.14	20.56	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.28	20.70	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.14	20.56	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.31	19.73	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.33	19.75	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.26	19.68	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.29	19.71	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.20	20.62	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.16	20.58	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	21.92	20.34	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.28	19.70	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.33	19.75	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.25	19.67	30.00	PASS



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-Documents.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



Band4	3MHz	QPSK	20175	15RB#0	21.27	19.69	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.18	20.60	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.22	20.64	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.13	20.55	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.22	19.64	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.34	19.76	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.22	19.64	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.14	19.56	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	20.53	18.95	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	20.57	18.99	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	20.53	18.95	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#0	19.41	17.83	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	19.37	17.79	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	19.28	17.70	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	19.30	17.72	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	20.31	18.73	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	20.93	19.35	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	20.02	18.44	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#0	20.37	18.79	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	19.34	17.76	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	19.40	17.82	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	19.20	17.62	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	20.36	18.78	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	20.42	18.84	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	20.84	19.26	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	19.34	17.76	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	19.35	17.77	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	19.42	17.84	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	19.25	17.67	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.52	19.94	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.61	20.03	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.51	19.93	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.40	18.82	30.00	PASS



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-Documents.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



Band4	3MHz	16QAM	19965	8RB#0	20.35	18.77	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.31	18.73	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.34	18.76	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.96	20.38	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	20.99	19.41	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.34	19.76	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.38	18.80	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.41	18.83	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.22	18.64	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.31	18.73	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.40	19.82	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.36	19.78	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.84	20.26	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.28	18.70	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.31	18.73	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.41	18.83	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.23	18.65	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.03	20.45	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.25	20.67	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.93	20.35	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.27	19.69	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.30	19.72	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.32	19.74	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.24	19.66	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.13	20.55	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.16	20.58	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.18	20.60	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.22	19.64	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.31	19.73	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.23	19.65	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.26	19.68	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.06	20.48	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.32	20.74	30.00	PASS



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-Documents.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



Band4	5MHz	QPSK	20375	1RB#12	21.99	20.41	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.26	19.68	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.24	19.66	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.22	19.64	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.20	19.62	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	20.43	18.85	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	20.55	18.97	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	20.99	19.41	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	19.32	17.74	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	19.31	17.73	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	19.27	17.69	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	19.36	17.78	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	20.24	18.66	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	20.57	18.99	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	20.28	18.70	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	20.21	18.63	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	19.22	17.64	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#13	19.33	17.75	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	19.15	17.57	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	20.34	18.76	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	20.61	19.03	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	20.65	19.07	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#13	19.27	17.69	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	19.26	17.68	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	19.24	17.66	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	19.33	17.75	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.43	19.85	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.54	19.96	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.00	20.42	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.32	18.74	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.33	18.75	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.21	18.63	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.36	18.78	30.00	PASS



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-Documents.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



Band4	5MHz	16QAM	20175	1RB#24	21.59	20.01	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.30	19.72	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.23	19.65	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.25	18.67	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.37	18.79	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.15	18.57	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.24	18.66	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.31	19.73	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.63	20.05	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.65	20.07	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.28	18.70	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.28	18.70	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.22	18.64	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.28	18.70	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.90	20.32	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.04	20.46	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.95	20.37	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.12	19.54	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.26	19.68	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.12	19.54	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.21	19.63	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	21.87	20.29	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	21.96	20.38	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	21.66	20.08	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.22	19.64	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.24	19.66	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.15	19.57	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.12	19.54	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	21.71	20.13	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	21.96	20.38	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	21.83	20.25	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.08	19.50	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.22	19.64	30.00	PASS



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-Documents.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



Band4	10MHz	QPSK	20350	25RB#25	21.18	19.60	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.10	19.52	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	20.19	18.61	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	20.37	18.79	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	20.05	18.47	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	19.05	17.47	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	19.37	17.79	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	19.08	17.50	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	19.23	17.65	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	20.14	18.56	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	20.02	18.44	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	20.26	18.68	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	20.18	18.60	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	19.20	17.62	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	19.33	17.75	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	19.07	17.49	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	20.34	18.76	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	19.95	18.37	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	20.55	18.97	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	19.21	17.63	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	19.10	17.52	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	19.29	17.71	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	18.90	17.32	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.13	19.55	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.41	19.83	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.04	19.46	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.09	18.51	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.41	18.83	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.11	18.53	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.22	18.64	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.03	19.45	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.29	19.71	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.19	19.61	30.00	PASS



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-Documents.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



Band4	10MHz	16QAM	20175	25RB#0	20.20	18.62	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.35	18.77	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.08	18.50	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.14	18.56	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.36	19.78	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	20.92	19.34	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.54	19.96	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.15	18.57	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.14	18.56	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.23	18.65	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	19.92	18.34	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.23	20.65	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.30	20.72	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.24	20.66	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#39	21.28	19.70	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#18	21.48	19.90	30.00	PASS
Band4	15MHz	QPSK	20025	36RB#0	21.43	19.85	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.42	19.84	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.06	20.48	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.26	20.68	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.09	20.51	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#0	21.21	19.63	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#39	21.39	19.81	30.00	PASS
Band4	15MHz	QPSK	20175	36RB#18	21.36	19.78	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.37	19.79	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.14	20.56	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.23	20.65	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.16	20.58	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#39	21.22	19.64	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#0	21.28	19.70	30.00	PASS
Band4	15MHz	QPSK	20325	36RB#18	21.31	19.73	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.25	19.67	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	20.69	19.11	30.00	PASS



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-Documents.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.sgs.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



Band4	15MHz	64QAM	20025	1RB#38	20.73	19.15	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	20.25	18.67	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#0	19.09	17.51	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#18	19.45	17.87	30.00	PASS
Band4	15MHz	64QAM	20025	36RB#39	19.75	18.17	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	19.41	17.83	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	20.43	18.85	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	20.61	19.03	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	20.92	19.34	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#0	20.41	18.83	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#18	19.34	17.76	30.00	PASS
Band4	15MHz	64QAM	20175	36RB#39	19.43	17.85	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	19.28	17.70	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	20.78	19.20	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	20.79	19.21	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	20.50	18.92	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#0	19.27	17.69	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#18	19.36	17.78	30.00	PASS
Band4	15MHz	64QAM	20325	36RB#39	19.37	17.79	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	19.28	17.70	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.66	20.08	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.67	20.09	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.28	19.70	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#0	20.12	18.54	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#18	20.41	18.83	30.00	PASS
Band4	15MHz	16QAM	20025	36RB#39	20.79	19.21	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.43	18.85	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.62	20.04	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.95	20.37	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.39	19.81	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#0	20.31	18.73	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#18	20.38	18.80	30.00	PASS
Band4	15MHz	16QAM	20175	36RB#39	20.32	18.74	30.00	PASS



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-Documents.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



Band4	15MHz	16QAM	20175	75RB#0	20.43	18.85	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.74	20.16	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.83	20.25	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.53	19.95	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#39	20.26	18.68	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#0	20.35	18.77	30.00	PASS
Band4	15MHz	16QAM	20325	36RB#18	20.41	18.83	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.22	18.64	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.17	20.59	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.20	20.62	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.06	20.48	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.23	19.65	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.48	19.90	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.41	19.83	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.26	19.68	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.91	20.33	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.23	20.65	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.01	20.43	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.33	19.75	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.38	19.80	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.37	19.79	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.40	19.82	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.13	20.55	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.01	20.43	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.00	20.42	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.26	19.68	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.39	19.81	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.45	19.87	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.32	19.74	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	19.93	18.35	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	20.62	19.04	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	20.17	18.59	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	19.34	17.76	30.00	PASS



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-Documents.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



Band4	20MHz	64QAM	20050	50RB#25	19.53	17.95	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	19.37	17.79	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	19.34	17.76	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	20.39	18.81	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	20.55	18.97	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	20.90	19.32	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	20.76	19.18	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	19.34	17.76	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	19.46	17.88	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	19.48	17.90	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	20.26	18.68	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	20.47	18.89	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	20.34	18.76	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	19.33	17.75	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	19.46	17.88	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	19.31	17.73	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	19.36	17.78	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	20.92	19.34	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.64	20.06	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.11	19.53	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.31	18.73	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.54	18.96	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.39	18.81	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.36	18.78	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.54	19.96	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.86	20.28	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.74	20.16	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.33	18.75	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.49	18.91	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.42	18.84	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.39	18.81	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.21	19.63	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.42	19.84	30.00	PASS



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-Documents.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



Band4	20MHz	16QAM	20300	1RB#0	21.38	19.80	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.29	18.71	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.44	18.86	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.34	18.76	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.37	18.79	30.00	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



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-Documents.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

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

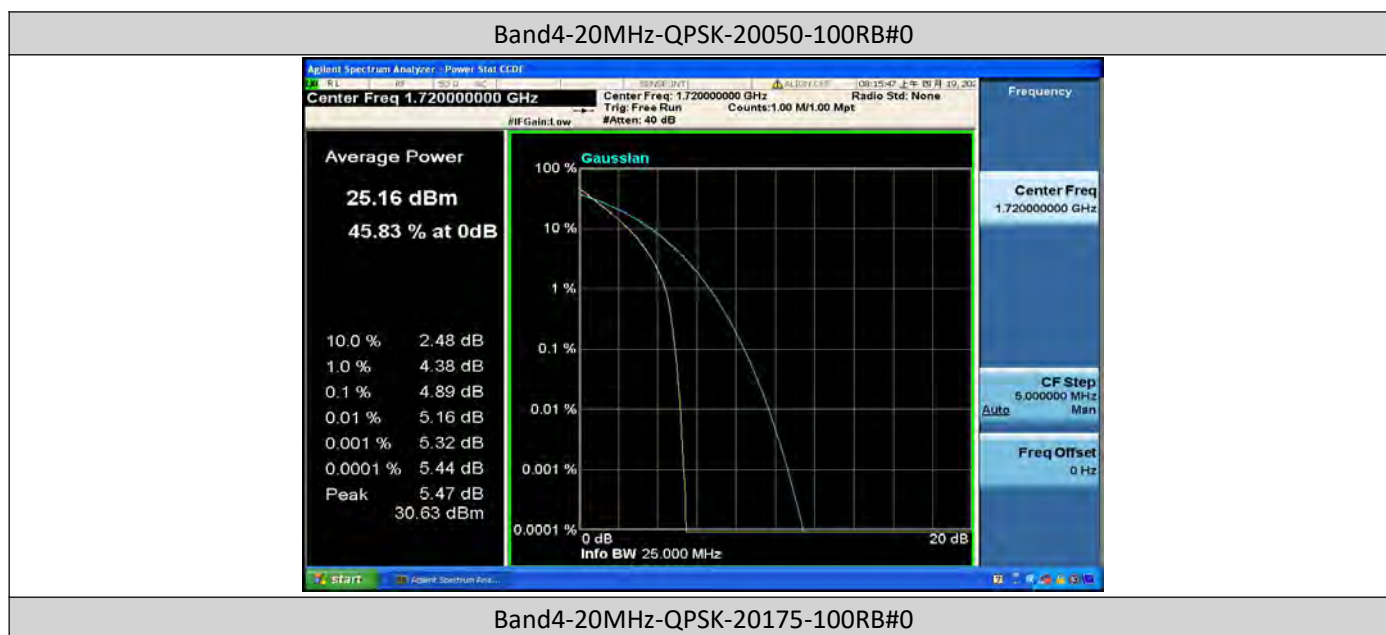


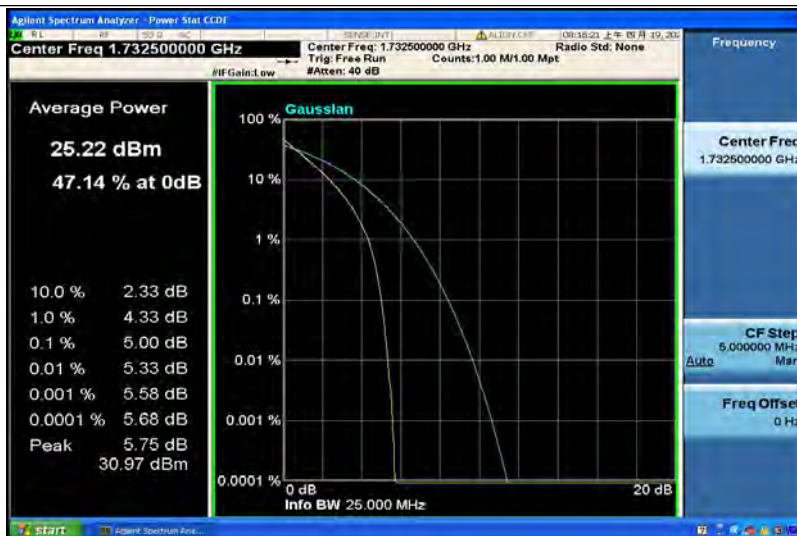
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

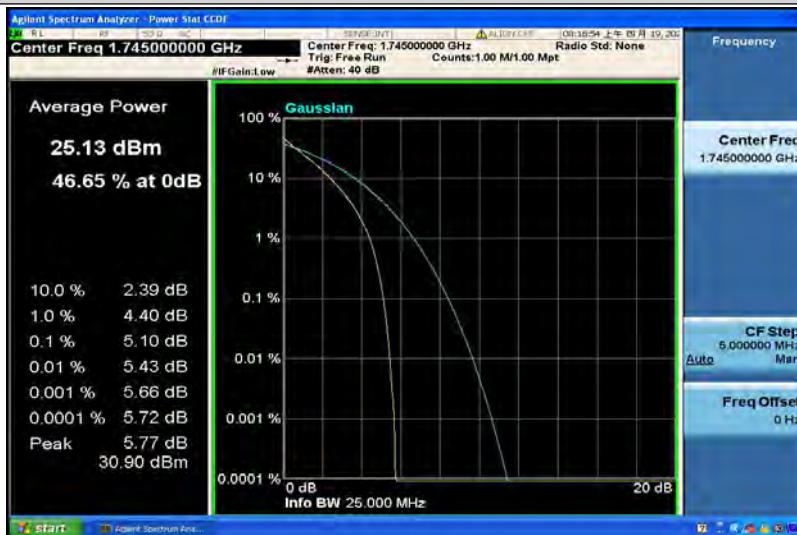
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	4.89	13.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.00	13.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.10	13.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	5.87	13.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	5.73	13.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	5.98	13.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.86	13.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.73	13.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.94	13.00	PASS

2.2. Test Plots



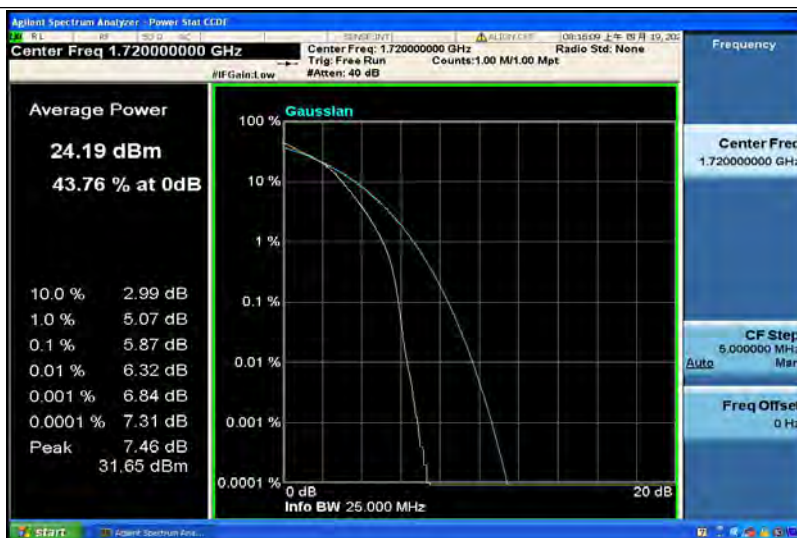


Band4-20MHz-QPSK-20300-100RB#0

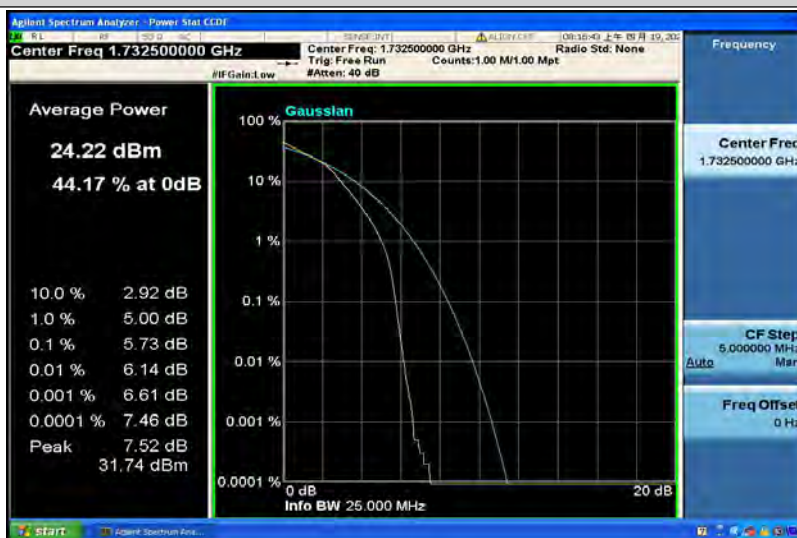


Band4-20MHz-64QAM-20050-100RB#0





Band4-20MHz-64QAM-20175-100RB#0

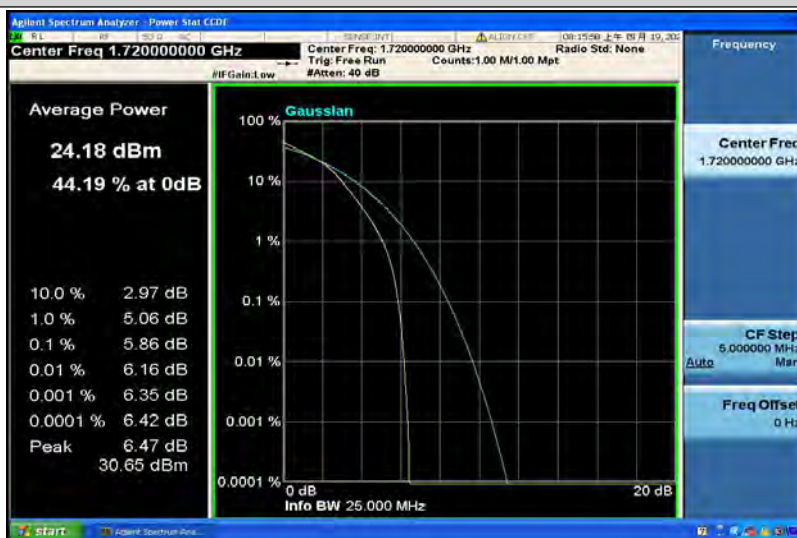


Band4-20MHz-64QAM-20300-100RB#0





Band4-20MHz-16QAM-20050-100RB#0



Band4-20MHz-16QAM-20175-100RB#0

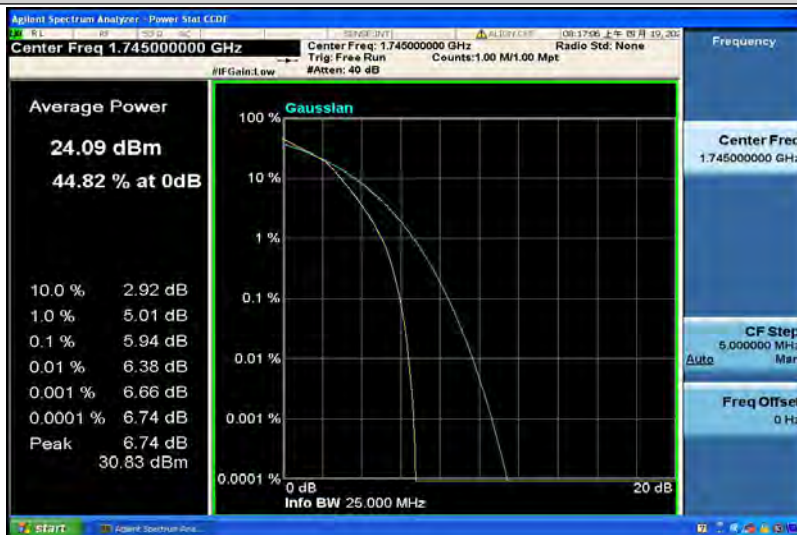


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.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



Band4-20MHz-16QAM-20300-100RB#0



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-Documents.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

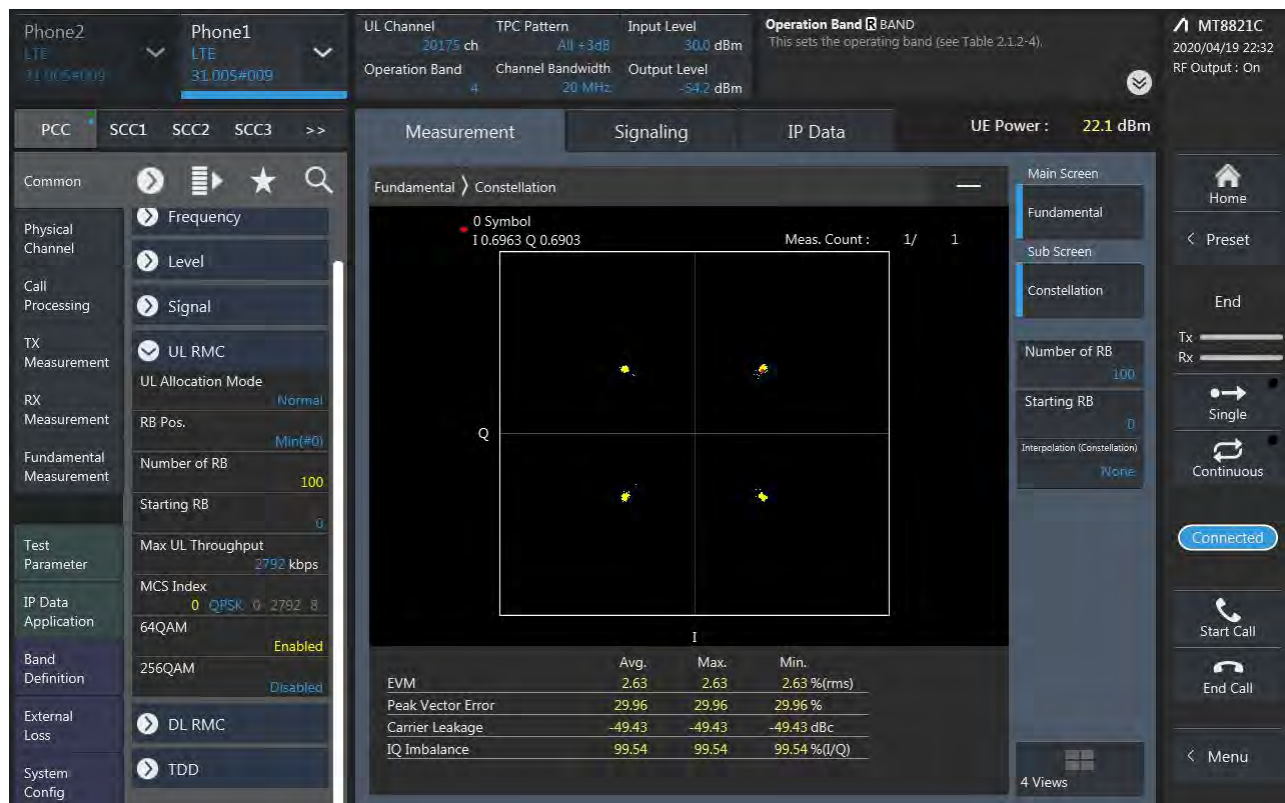
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



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-Documents.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.

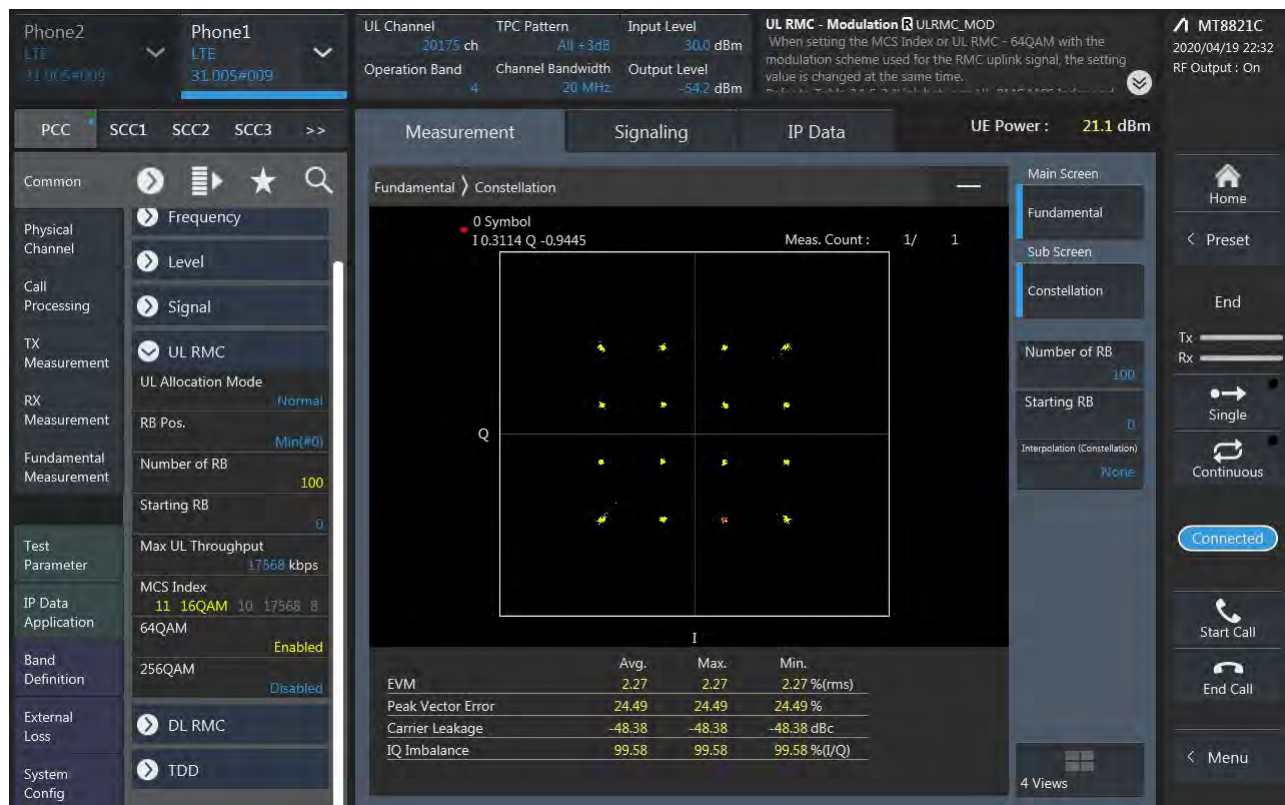
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



3.2. Test Mode = LTE /TM2 20MHz

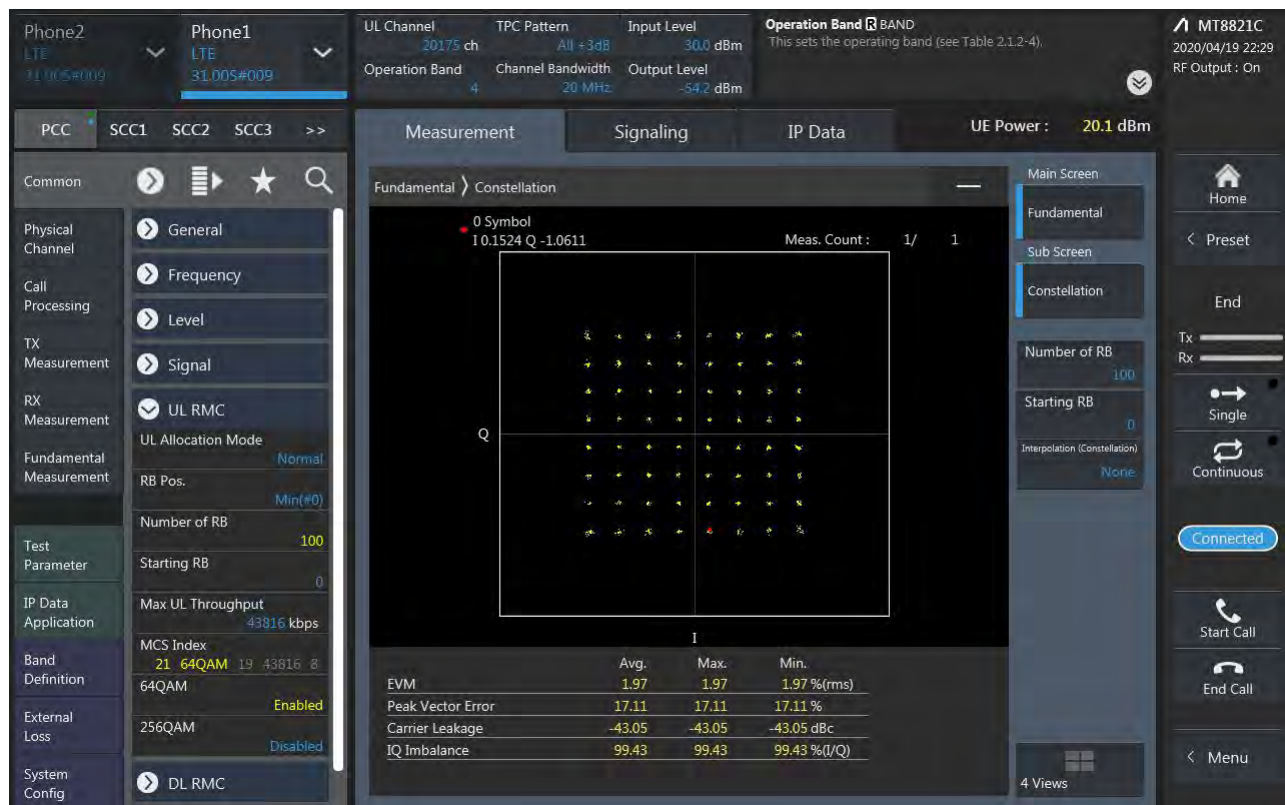
3.2.1. Test Channel = MCH





3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0895	1.233	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0879	1.228	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0856	1.229	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.0852	1.226	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.0872	1.224	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.0876	1.235	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0860	1.231	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0881	1.229	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0848	1.231	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6912	2.985	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6980	2.997	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6935	3.002	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.6910	2.976	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.6908	2.997	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.6877	2.969	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6901	2.967	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6843	2.952	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6885	2.948	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4750	4.890	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4736	4.851	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4679	4.878	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.4736	4.923	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.4685	4.883	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.4713	4.926	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4891	4.893	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4814	4.899	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4858	4.899	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9266	9.620	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9237	9.565	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9117	9.620	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.9240	9.623	PASS



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-Documents.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



Band4	10MHz	64QAM	20175	50RB#0	8.9144	9.698	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.9182	9.567	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9255	9.672	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9217	9.624	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9220	9.638	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.455	14.70	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.446	14.61	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.459	14.66	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.442	14.70	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.430	14.75	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.441	14.70	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.465	14.61	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.433	14.63	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.465	14.58	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.877	19.41	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.863	19.24	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.895	19.37	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.868	19.30	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.832	19.30	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.867	19.42	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.900	19.43	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.848	19.26	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.889	19.37	PASS



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-Documents.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

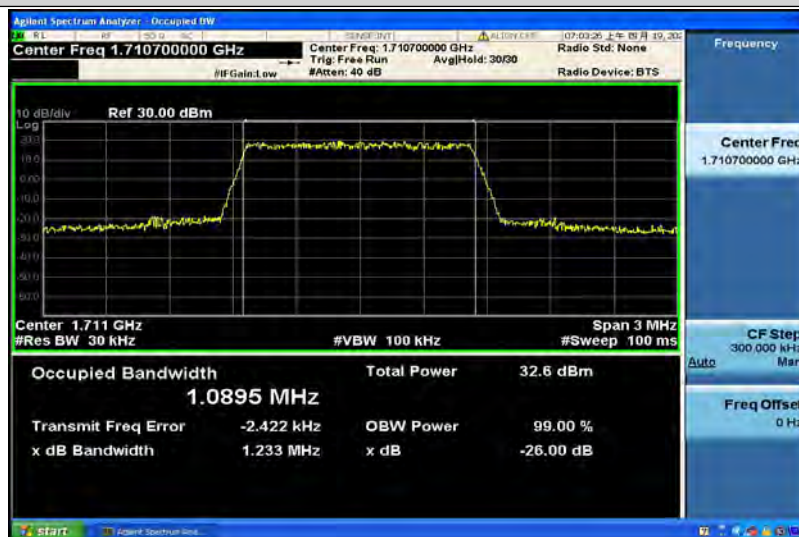
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch, CSTC Laboratory

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

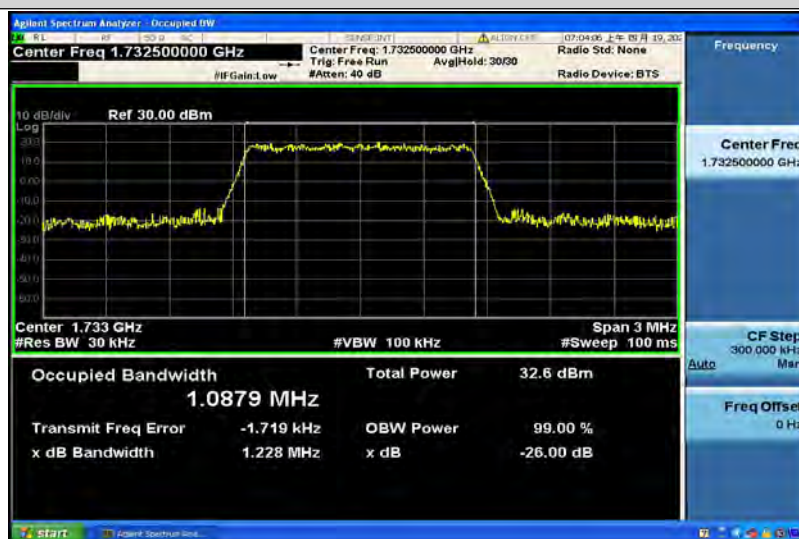


4.2. Test Plots

Band4-1.4MHz-QPSK-19957-6RB#0-1.0895



Band4-1.4MHz-QPSK-20175-6RB#0-1.0879

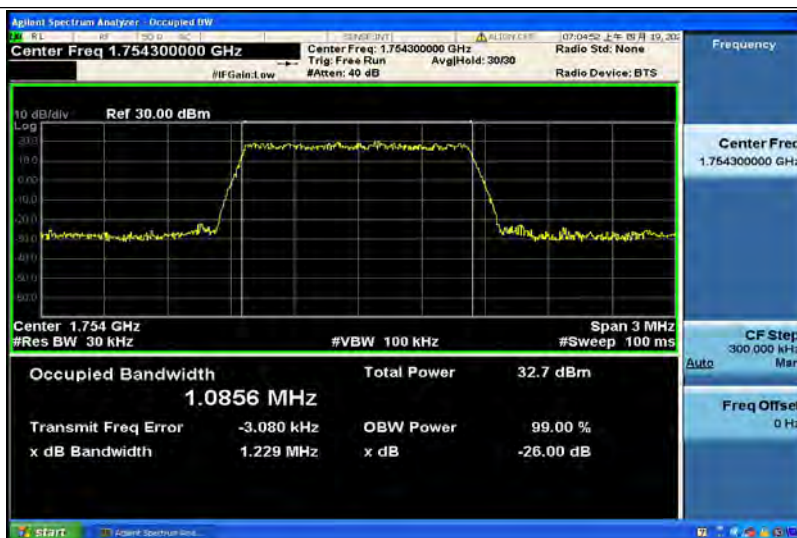


Band4-1.4MHz-QPSK-20393-6RB#0-1.0856



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-Documents.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



Band4-1.4MHz-64QAM-19957-6RB#0-1.0852

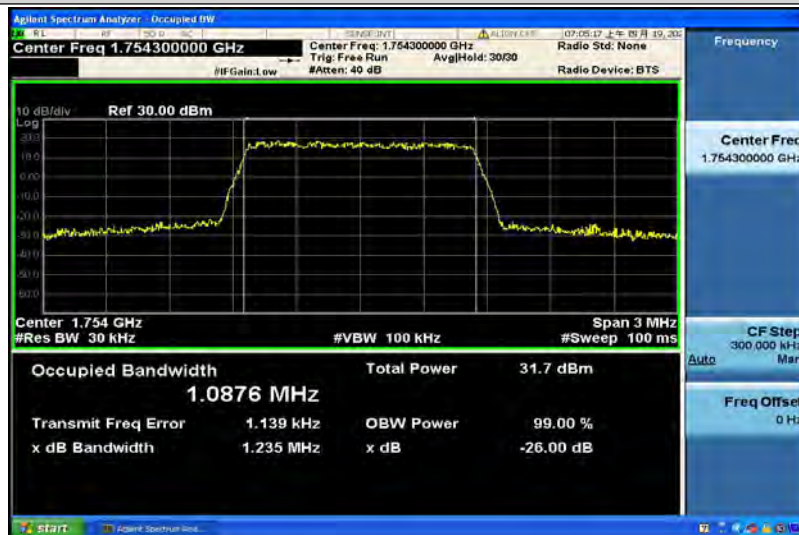


Band4-1.4MHz-64QAM-20175-6RB#0-1.0872



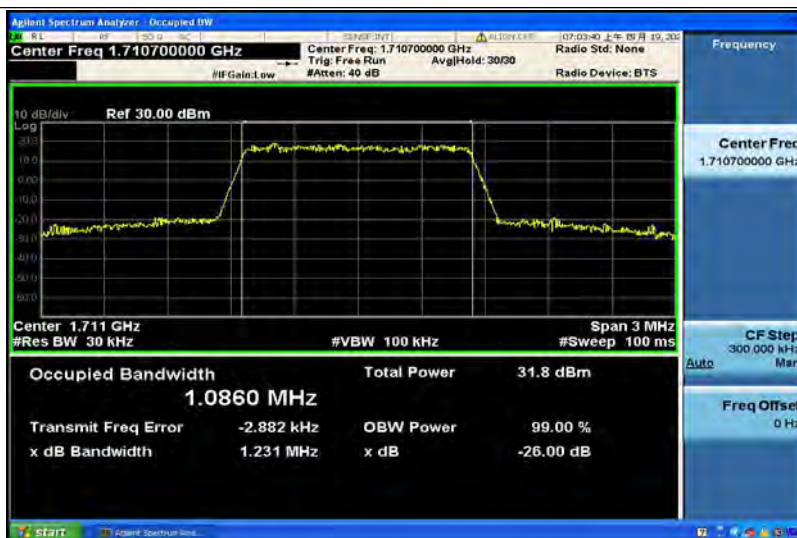


Band4-1.4MHz-64QAM-20393-6RB#0-1.0876

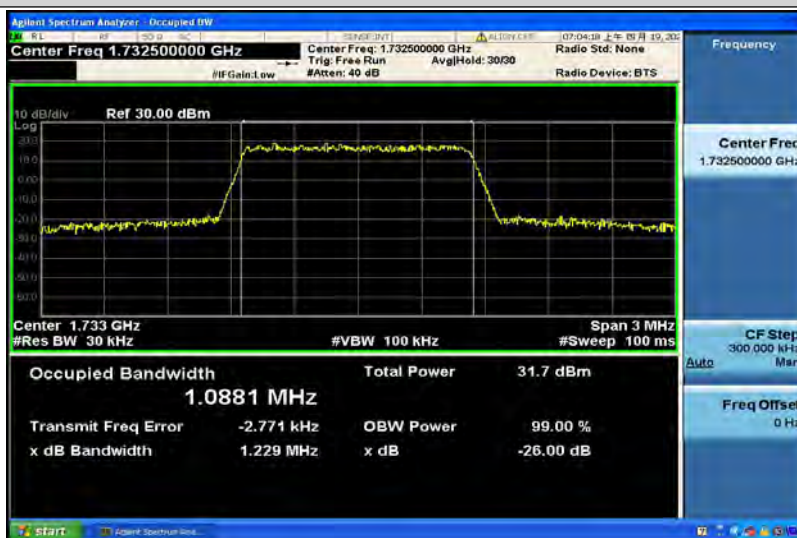


Band4-1.4MHz-16QAM-19957-6RB#0-1.0860



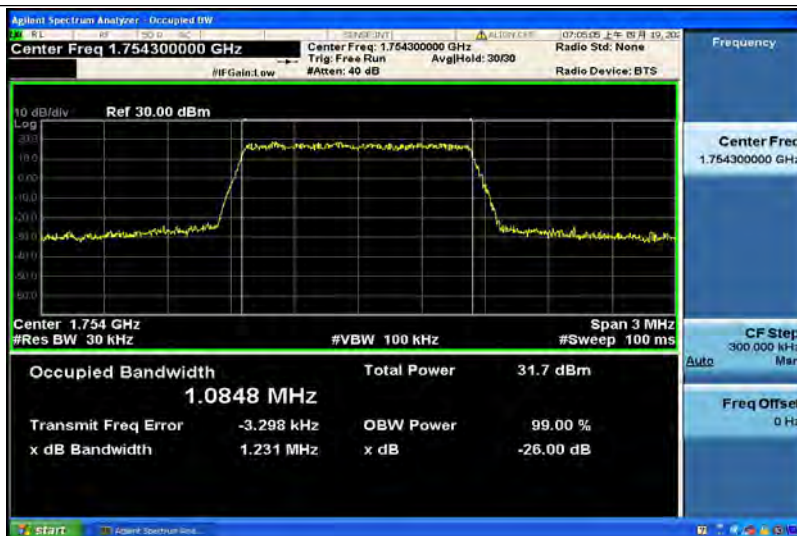


Band4-1.4MHz-16QAM-20175-6RB#0-1.0881



Band4-1.4MHz-16QAM-20393-6RB#0-1.0848





Band4-3MHz-QPSK-19965-15RB#0-2.6912



Band4-3MHz-QPSK-20175-15RB#0-2.6980



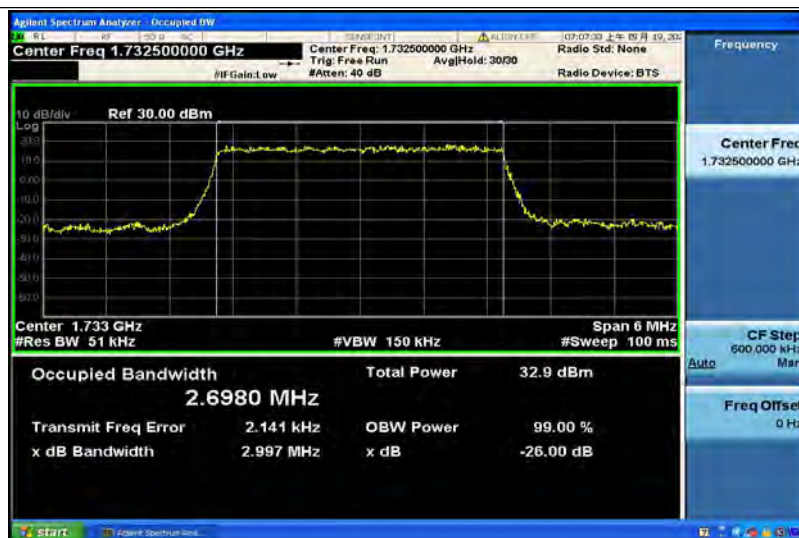
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057
中国·深圳·科技园中区M-10栋一号厂房

t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band4-3MHz-QPSK-20385-15RB#0-2.6935



Band4-3MHz-64QAM-19965-15RB#0-2.6910

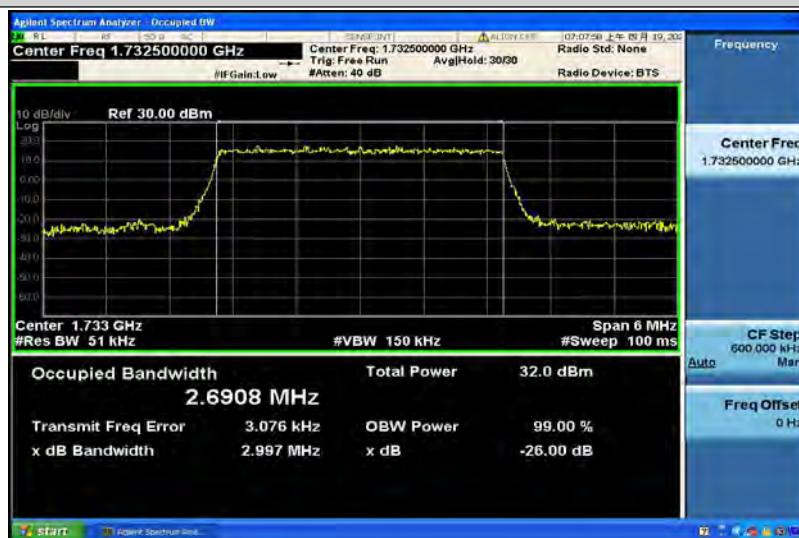


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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



Band4-3MHz-64QAM-20175-15RB#0-2.6908



Band4-3MHz-64QAM-20385-15RB#0-2.6877



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-Documents.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.

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057
中国·深圳·科技园中区M-10栋一号厂房

t (86-755) 26012053 f (86-755) 26710594
t (86-755) 26012053 f (86-755) 26710594

www.sgsgroup.com.cn
sgs.china@sgs.com



Band4-3MHz-16QAM-19965-15RB#0-2.6901

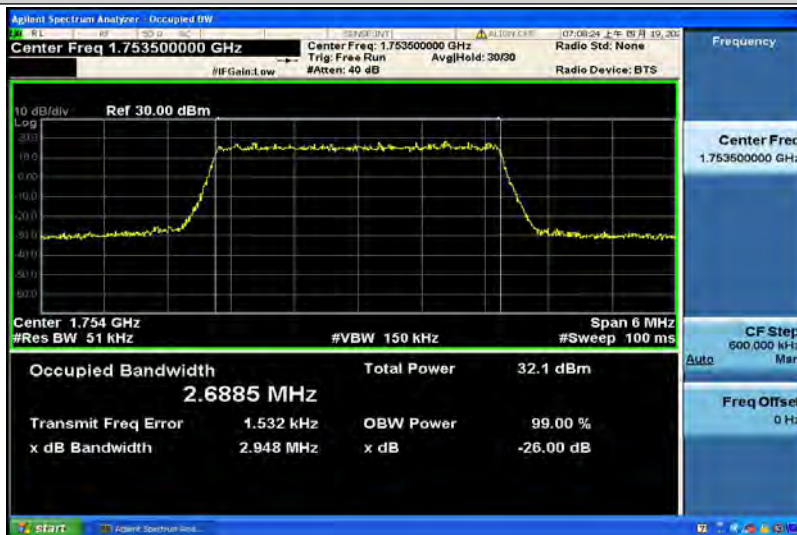


Band4-3MHz-16QAM-20175-15RB#0-2.6843



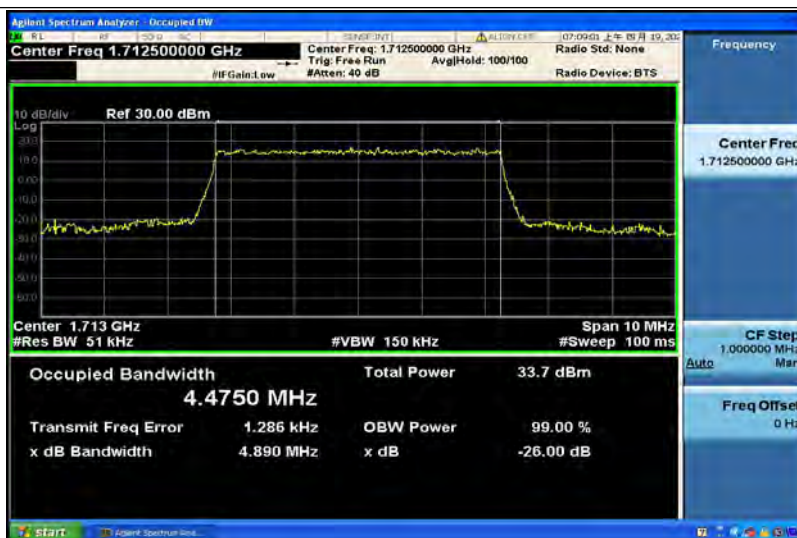


Band4-3MHz-16QAM-20385-15RB#0-2.6885

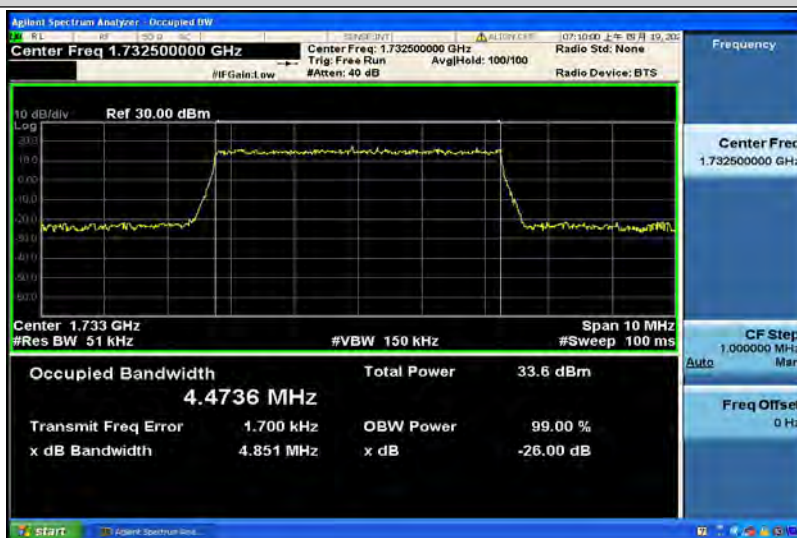


Band4-5MHz-QPSK-19975-25RB#0-4.4750



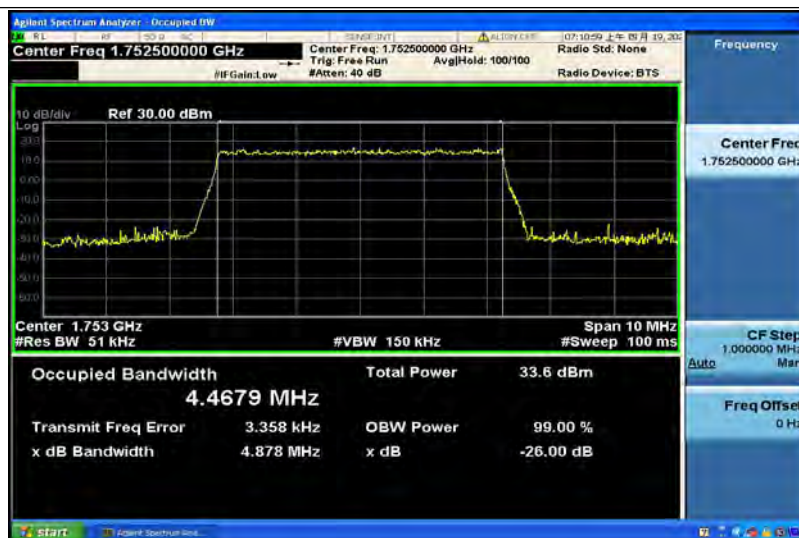


Band4-5MHz-QPSK-20175-25RB#0-4.4736



Band4-5MHz-QPSK-20375-25RB#0-4.4679





Band4-5MHz-64QAM-19975-25RB#0-4.4736

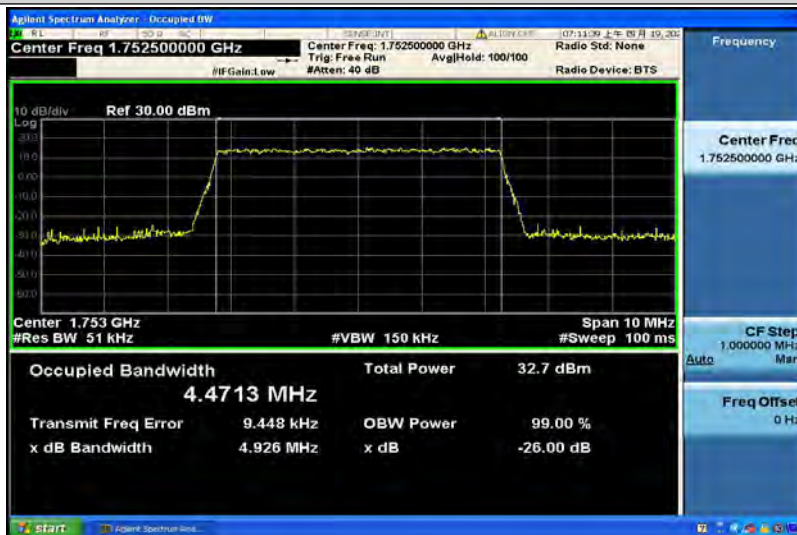


Band4-5MHz-64QAM-20175-25RB#0-4.4685





Band4-5MHz-64QAM-20375-25RB#0-4.4713

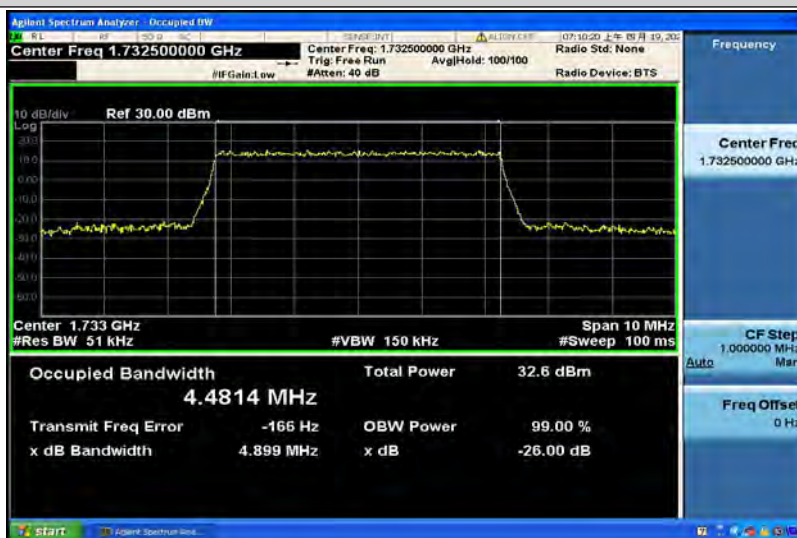


Band4-5MHz-16QAM-19975-25RB#0-4.4891





Band4-5MHz-16QAM-20175-25RB#0-4.4814

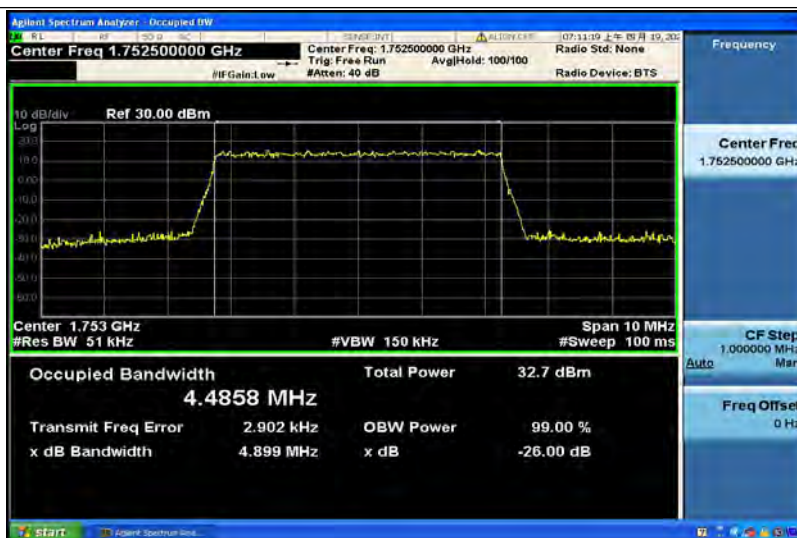


Band4-5MHz-16QAM-20375-25RB#0-4.4858

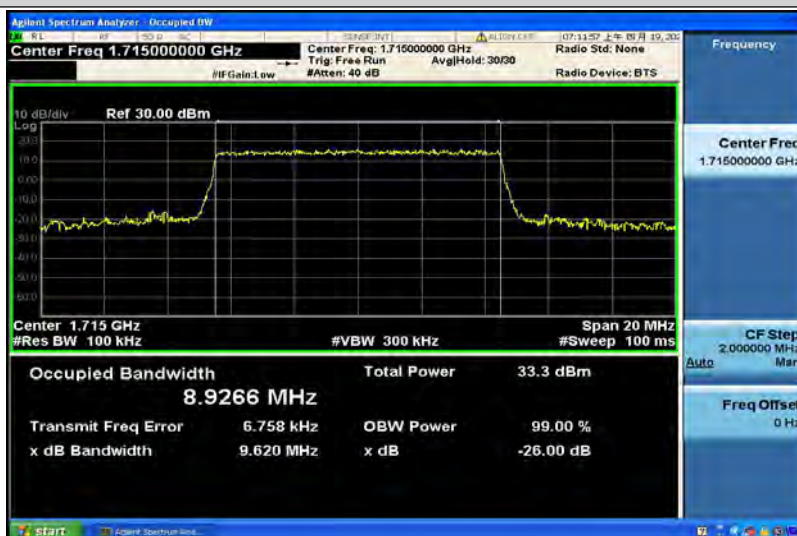


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.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



Band4-10MHz-QPSK-20000-50RB#0-8.9266



Band4-10MHz-QPSK-20175-50RB#0-8.9237



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-Documents.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



Band4-10MHz-OPSK-20350-50RB#0-8.9117



Band4-10MHz-64QAM-20000-50RB#0-8.9240

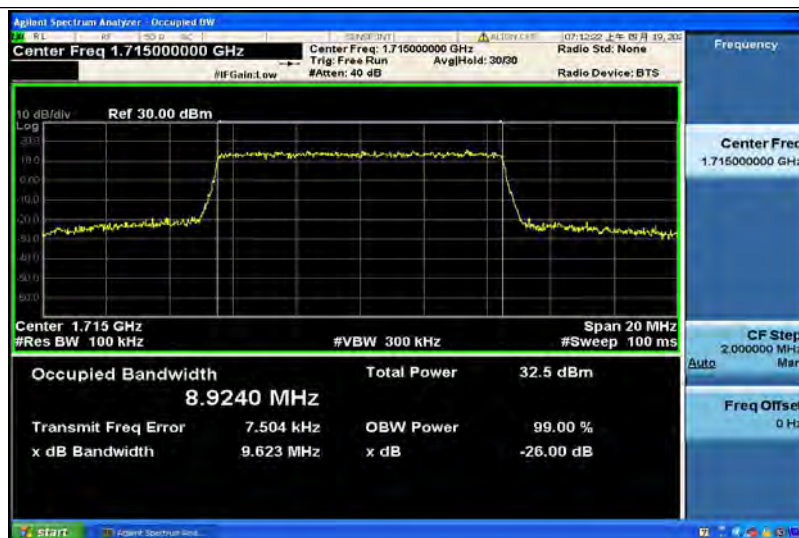


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (Shenzhen Office) CEC Laboratory

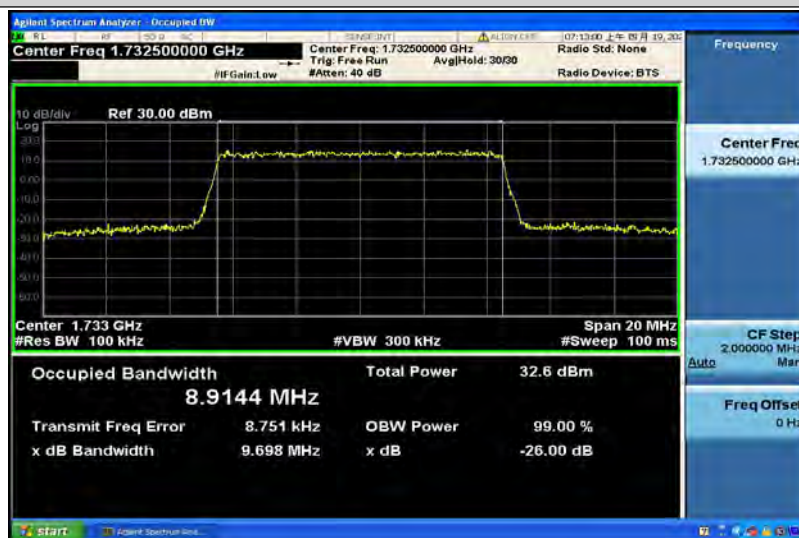
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>, and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from their own responsibilities. The Company's intervention is not intended to constitute an opinion or a recommendation, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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) is retained for 30 days only.

Attention: For any request of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Quechek@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



Band4-10MHz-64QAM-20175-50RB#0-8.9144

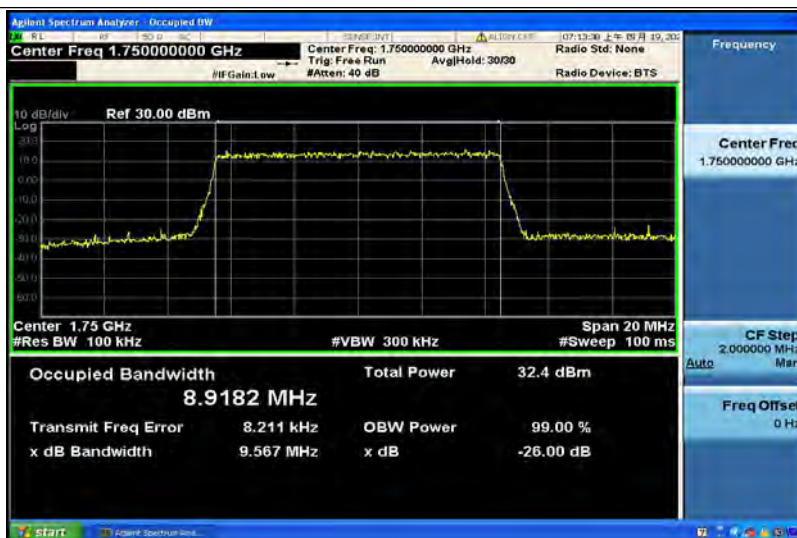


Band4-10MHz-64QAM-20350-50RB#0-8.9182

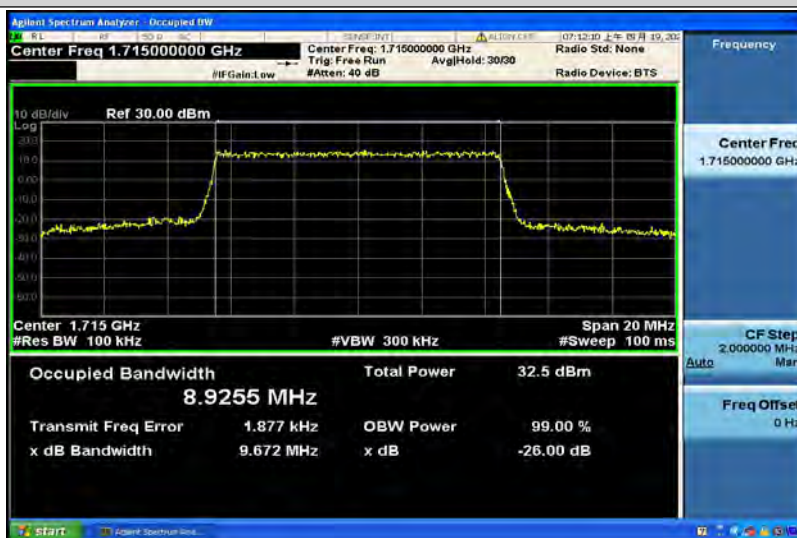


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.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

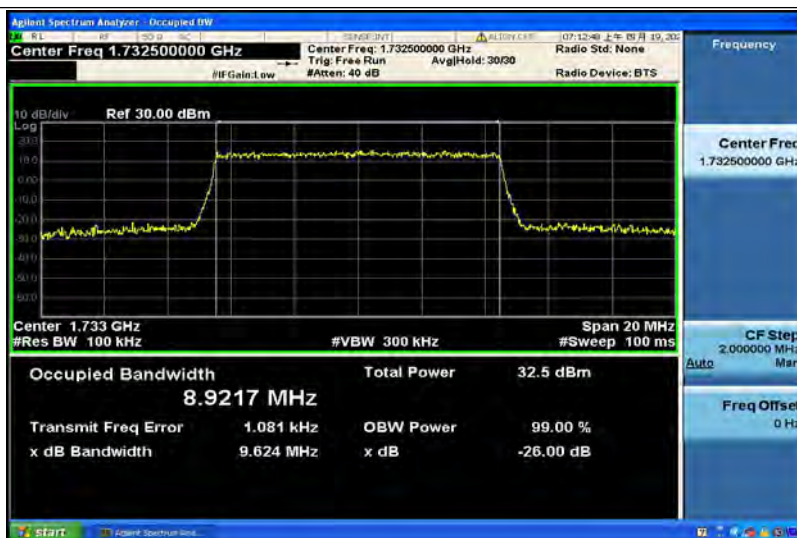


Band4-10MHz-16QAM-20000-50RB#0-8.9255

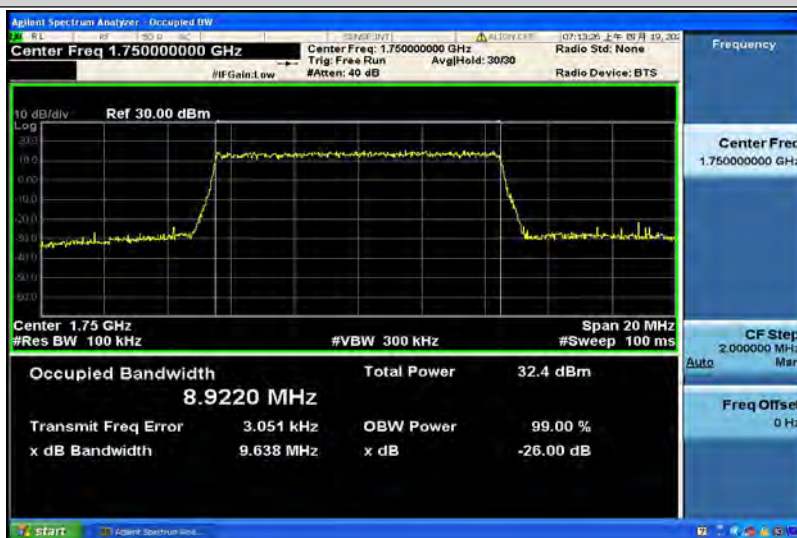


Band4-10MHz-16QAM-20175-50RB#0-8.9217



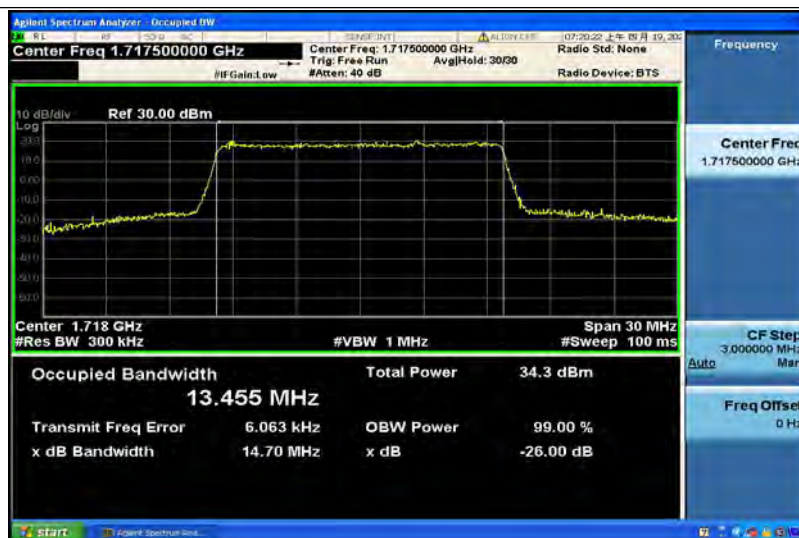


Band4-10MHz-16QAM-20350-50RB#0-8.9220

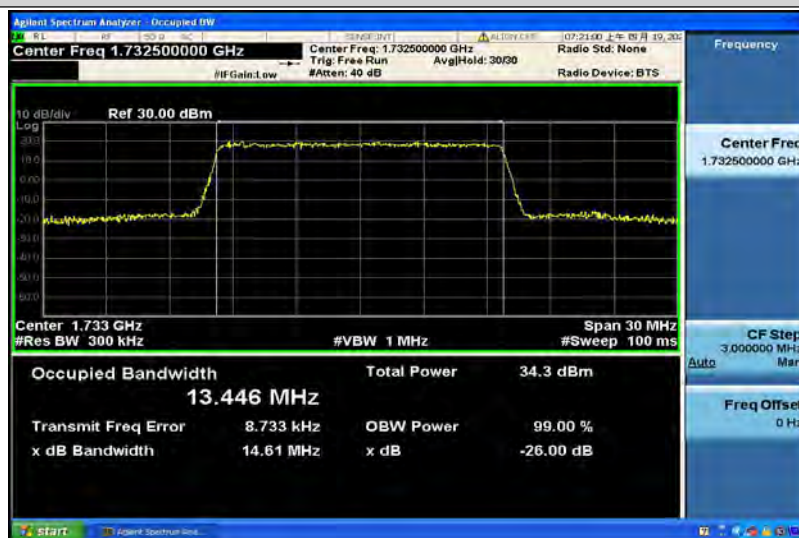


Band4-15MHz-QPSK-20025-75RB#0-13.455





Band4-15MHz-QPSK-20175-75RB#0-13.446

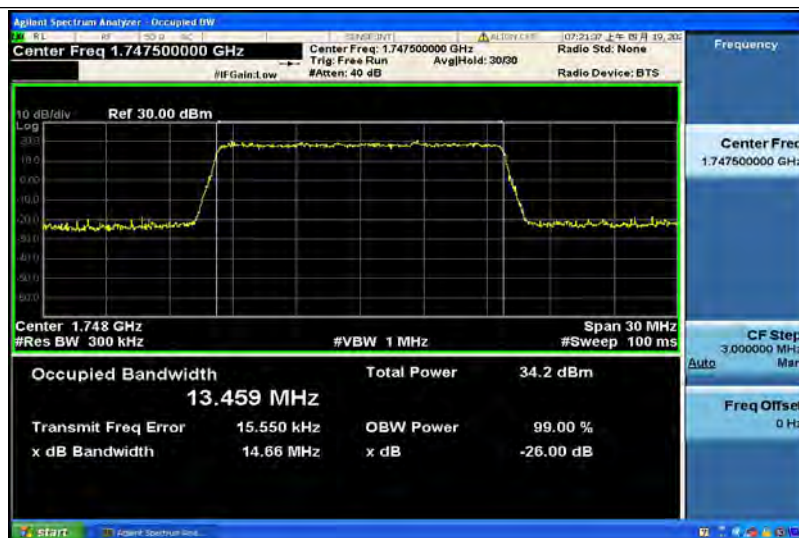


Band4-15MHz-QPSK-20325-75RB#0-13.459

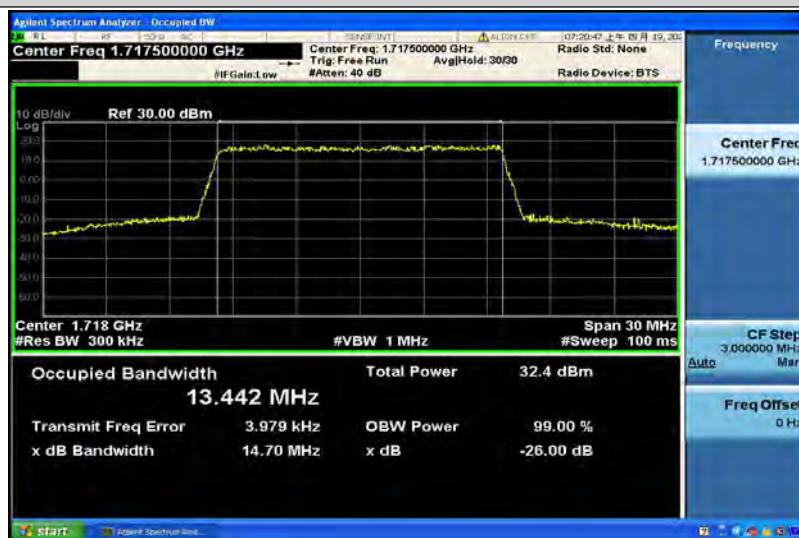


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.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

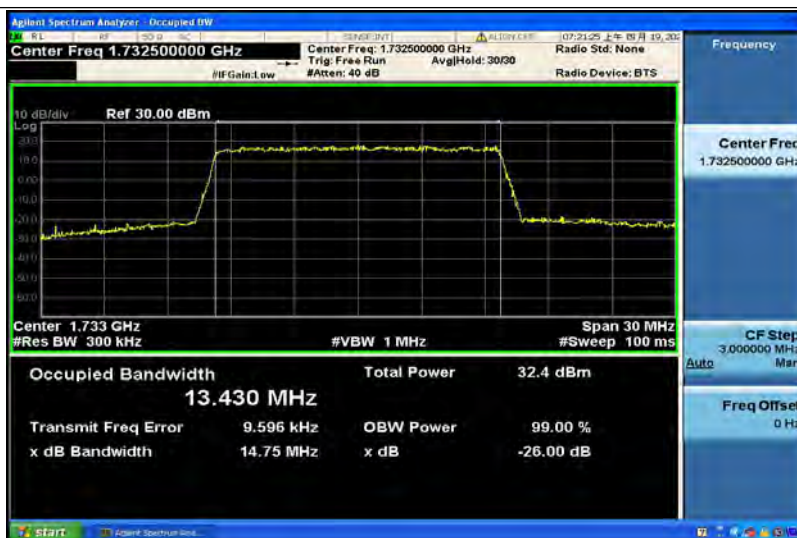


Band4-15MHz-64QAM-20025-75RB#0-13.442

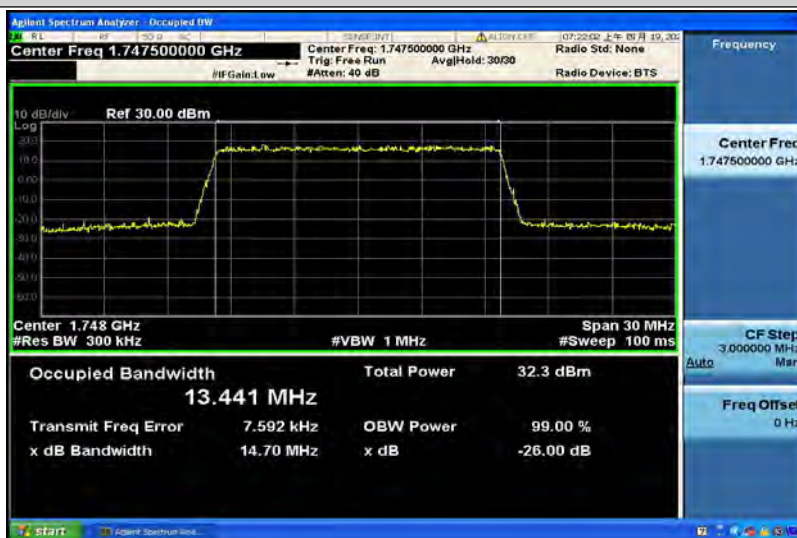


Band4-15MHz-64QAM-20175-75RB#0-13.430





Band4-15MHz-64QAM-20325-75RB#0-13.441

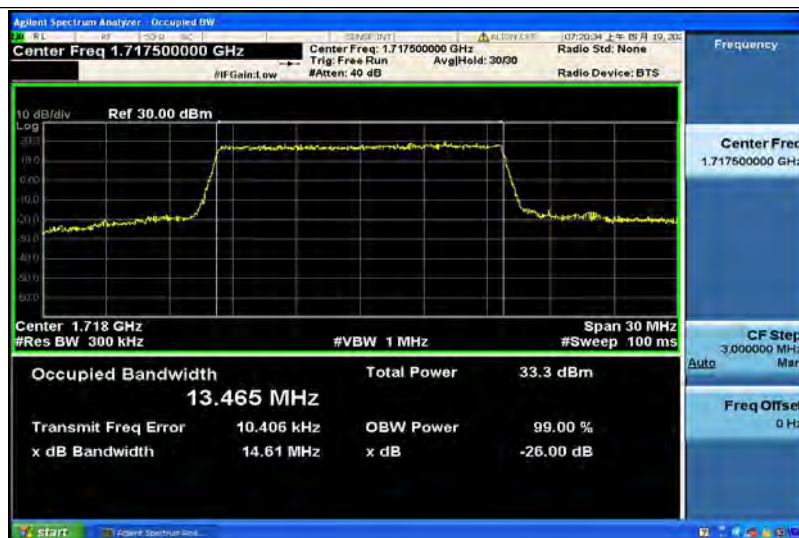


Band4-15MHz-16QAM-20025-75RB#0-13.465

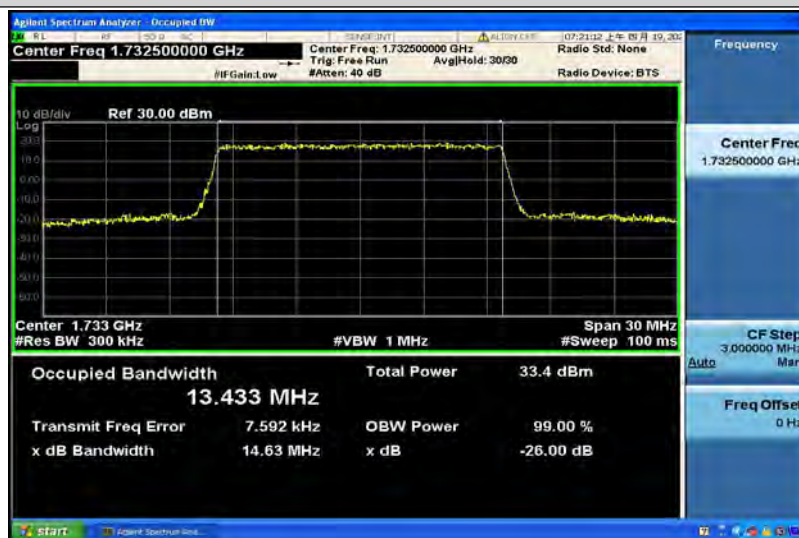


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.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

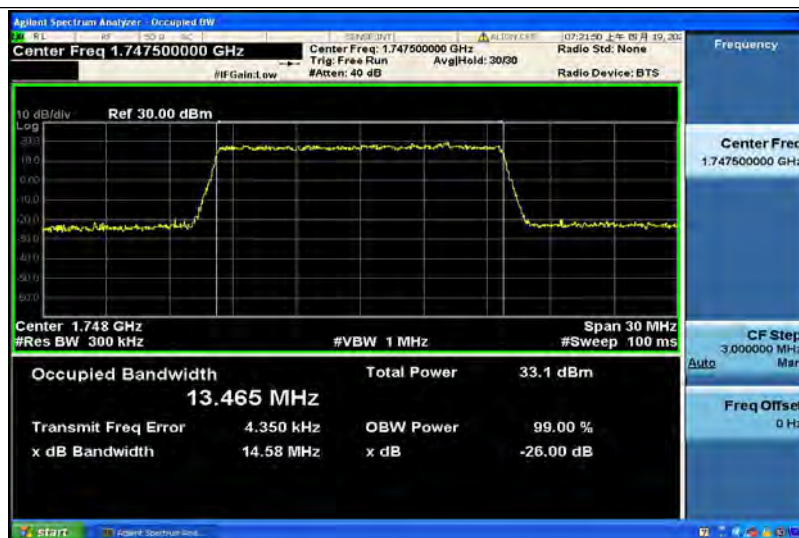


Band4-15MHz-16QAM-20175-75RB#0-13.433

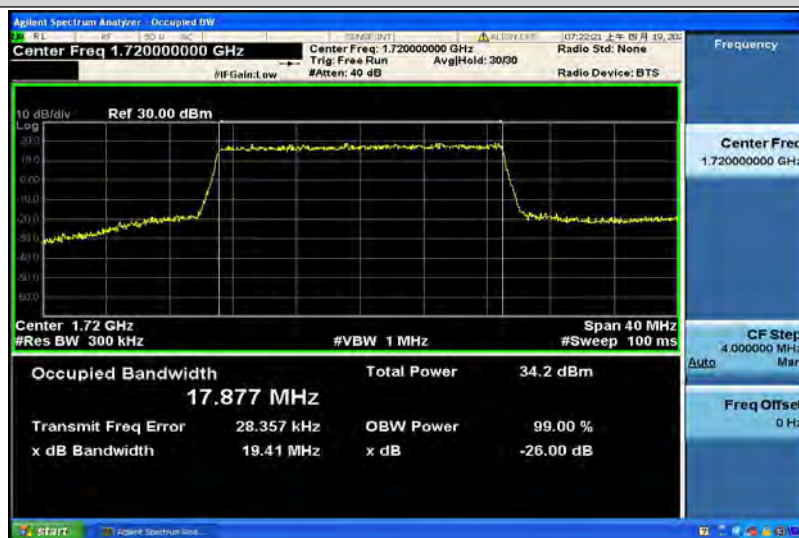


Band4-15MHz-16QAM-20325-75RB#0-13.465





Band4-20MHz-QPSK-20050-100RB#0-17.877



Band4-20MHz-QPSK-20175-100RB#0-17.863



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-Documents.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

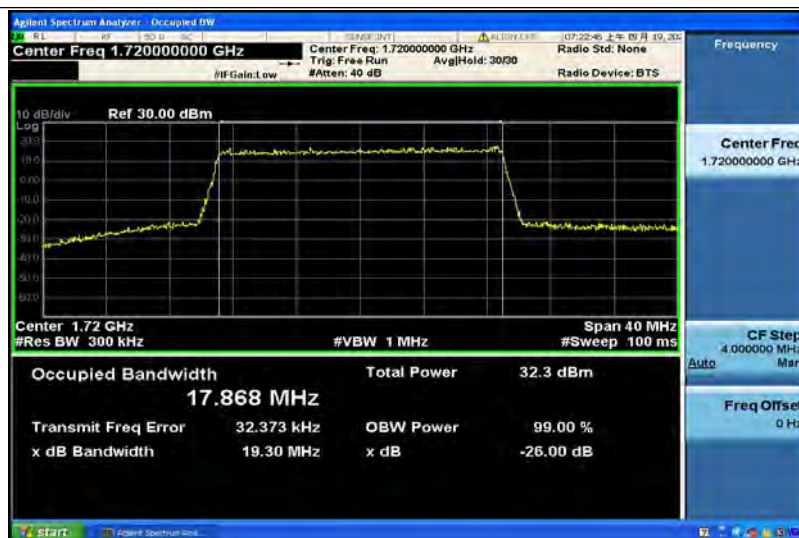


Band4-20MHz-QPSK-20300-100RB#0-17.895

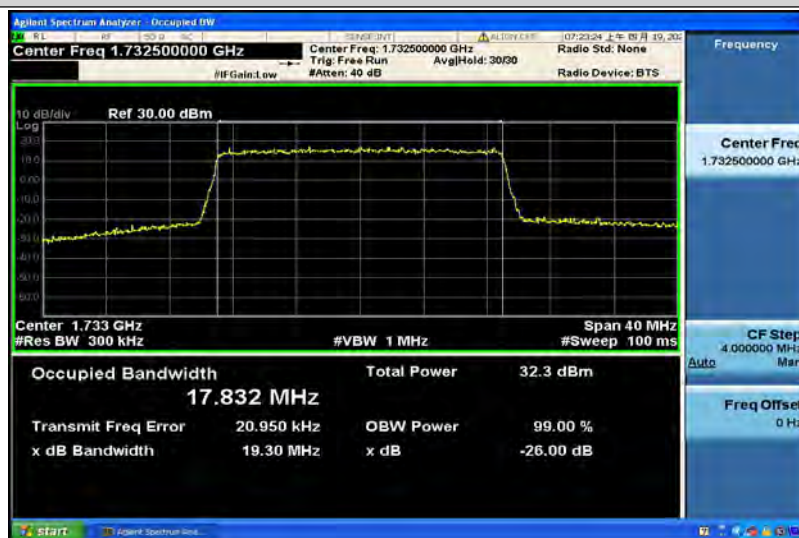


Band4-20MHz-64QAM-20050-100RB#0-17.868



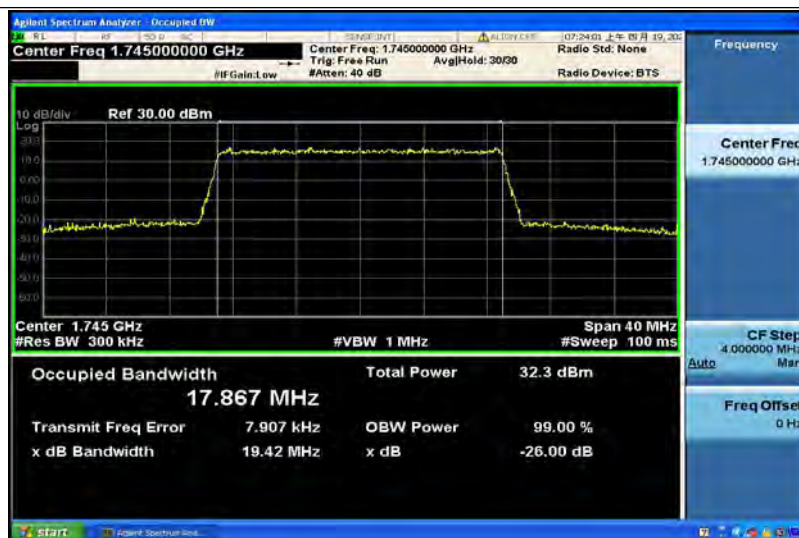


Band4-20MHz-64QAM-20175-100RB#0-17.832

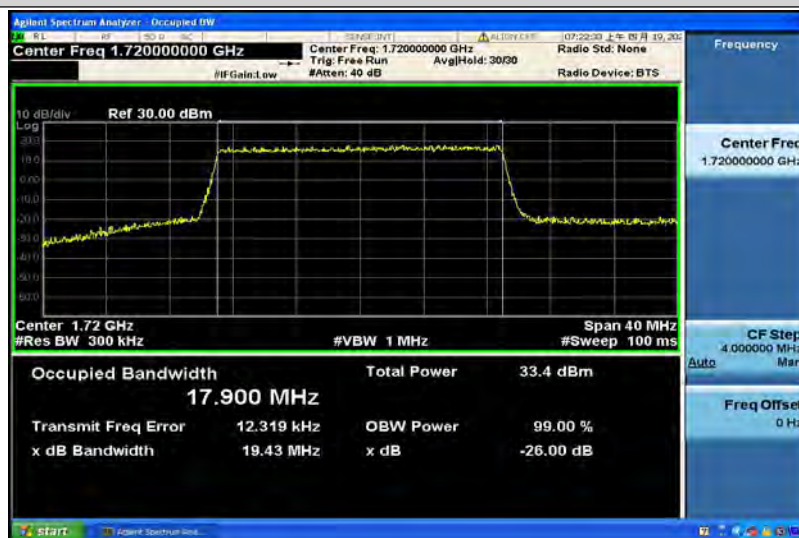


Band4-20MHz-64QAM-20300-100RB#0-17.867





Band4-20MHz-16QAM-20050-100RB#0-17.900

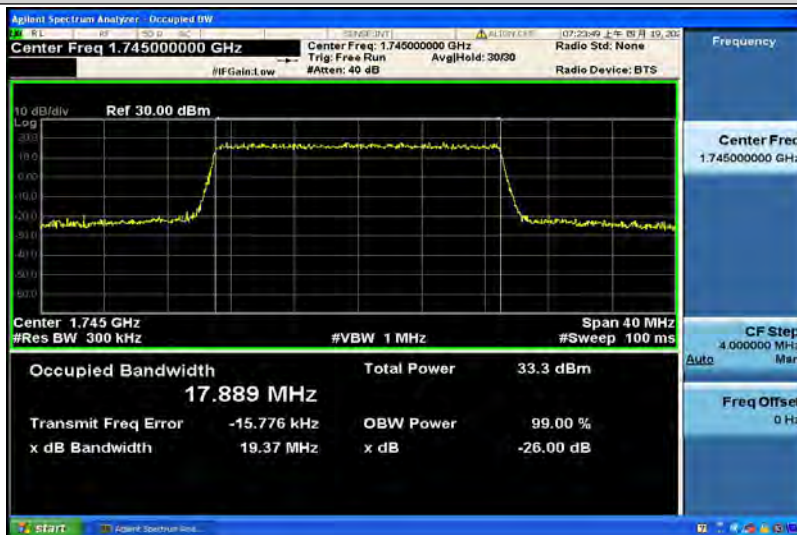


Band4-20MHz-16QAM-20175-100RB#0-17.848





Band4-20MHz-16QAM-20300-100RB#0-17.889



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-Documents.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



5. Band Edge Compliance

5.1. Test Plots

Band4-1.4MHz-QPSK-19957-1RB#0



Band4-1.4MHz-QPSK-19957-6RB#0



Band4-1.4MHz-QPSK-20393-1RB#5



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Services

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-Documents.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.ssgsgroup.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



Band4-1.4MHz-QPSK-20393-6RB#0



Band4-1.4MHz-64QAM-19957-1RB#0



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-Documents.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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057
中国·深圳·科技园中区M-10栋一号厂房

t (86-755) 26012053 f (86-755) 26710594
t (86-755) 26012053 f (86-755) 26710594
www.sgsgroup.com.cn
sgs.china@sgs.com



Band4-1.4MHz-64QAM-19957-6RB#0



Band4-1.4MHz-64QAM-20393-1RB#5



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-Documents.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

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



Band4-1.4MHz-64QAM-20393-6RB#0



Band4-1.4MHz-16QAM-19957-1RB#0





Band4-1.4MHz-16QAM-19957-6RB#0



Band4-1.4MHz-16QAM-20393-1RB#5



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-Documents.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



Band4-1.4MHz-16QAM-20393-6RB#0



Band4-3MHz-QPSK-19965-1RB#0





Band4-3MHz-QPSK-19965-15RB#0



Band4-3MHz-QPSK-20385-1RB#14



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-Documents.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

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



Band4-3MHz-QPSK-20385-15RB#0



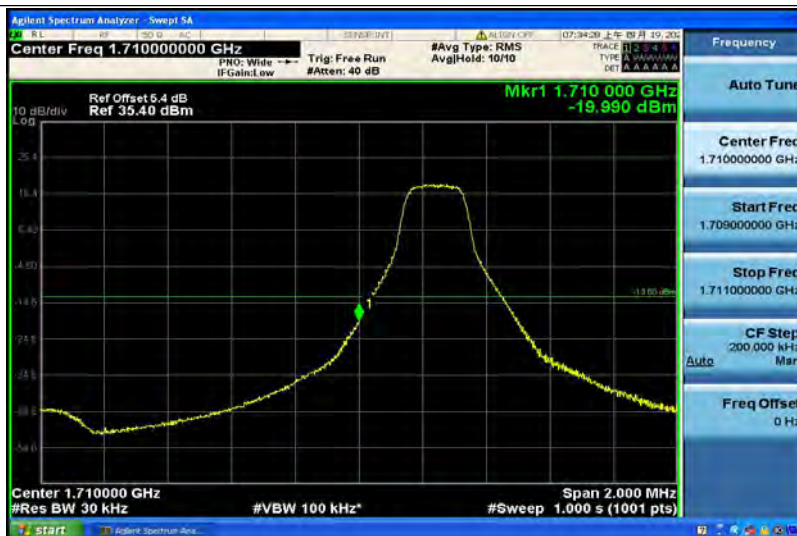
Band4-3MHz-64QAM-19965-1RB#0



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-Documents.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

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



Band4-3MHz-64QAM-19965-15RB#0



Band4-3MHz-64QAM-20385-1RB#14





Band4-3MHz-64QAM-20385-15RB#0



Band4-3MHz-16QAM-19965-1RB#0





Band4-3MHz-16QAM-19965-15RB#0



Band4-3MHz-16QAM-20385-1RB#14



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-Documents.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

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

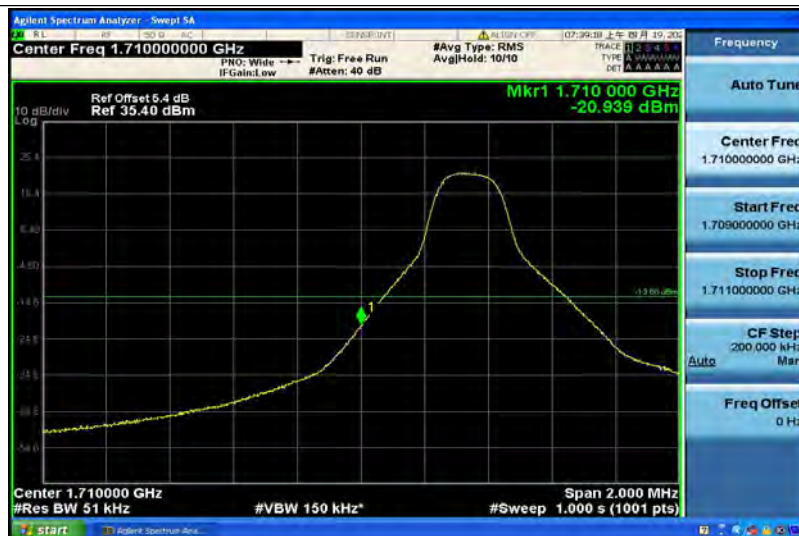


Band4-3MHz-16QAM-20385-15RB#0



Band4-5MHz-QPSK-19975-1RB#0





Band4-5MHz-QPSK-19975-25RB#0



Band4-5MHz-QPSK-20375-1RB#24



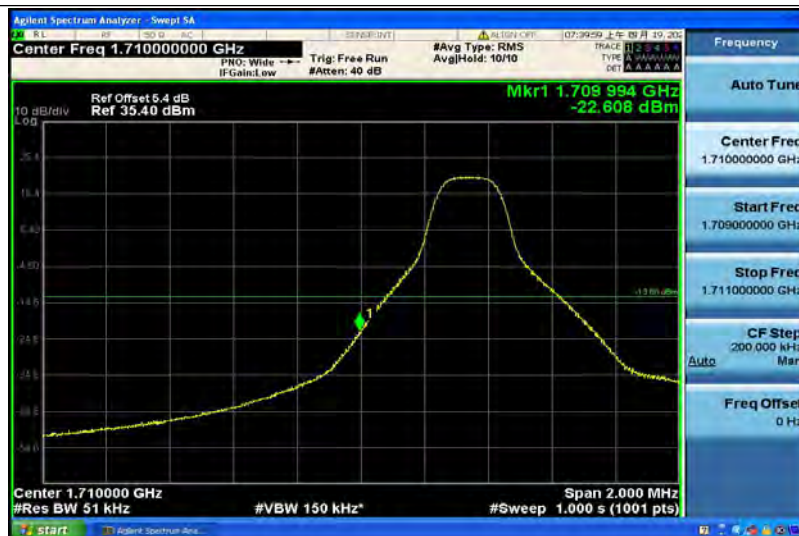


Band4-5MHz-QPSK-20375-25RB#0



Band4-5MHz-64QAM-19975-1RB#0



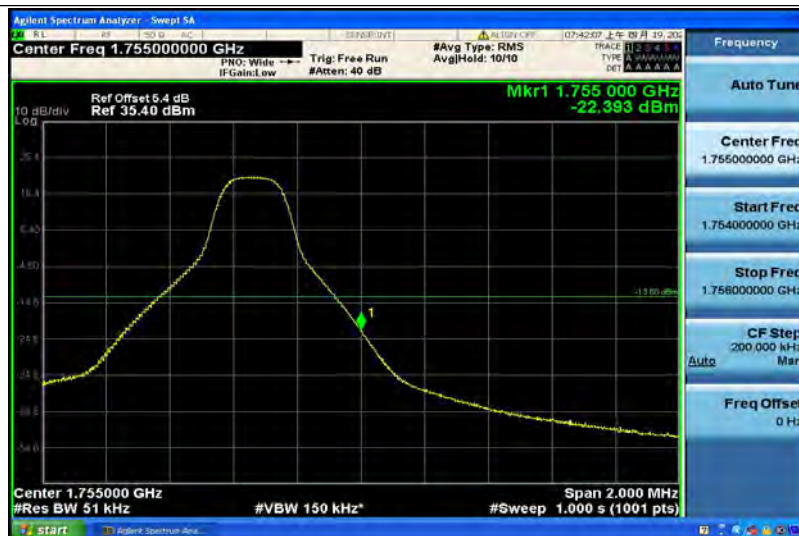


Band4-5MHz-64QAM-19975-25RB#0



Band4-5MHz-64QAM-20375-1RB#24





Band4-5MHz-64QAM-20375-25RB#0



Band4-5MHz-16QAM-19975-1RB#0



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-Documents.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

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



Band4-5MHz-16QAM-19975-25RB#0



Band4-5MHz-16QAM-20375-1RB#24





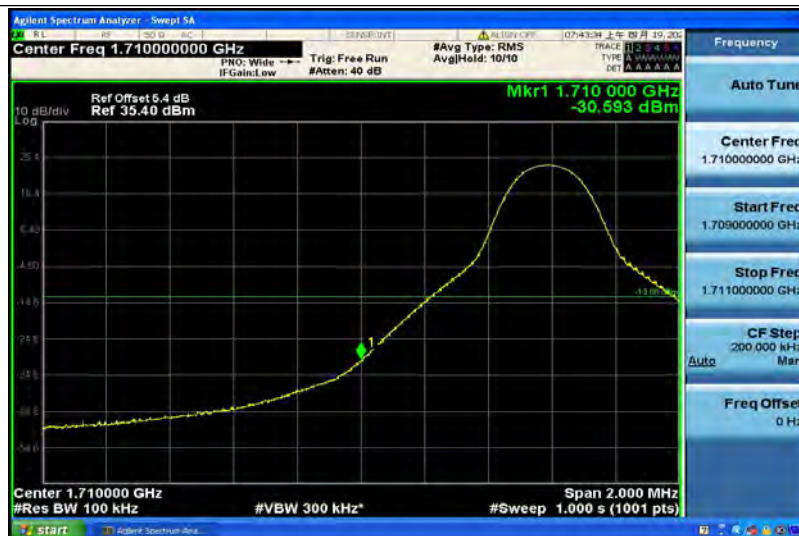
Band4-5MHz-16QAM-20375-25RB#0



Band4-10MHz-QPSK-20000-1RB#0



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-Documents.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



Band4-10MHz-QPSK-20000-50RB#0



Band4-10MHz-QPSK-20350-1RB#49



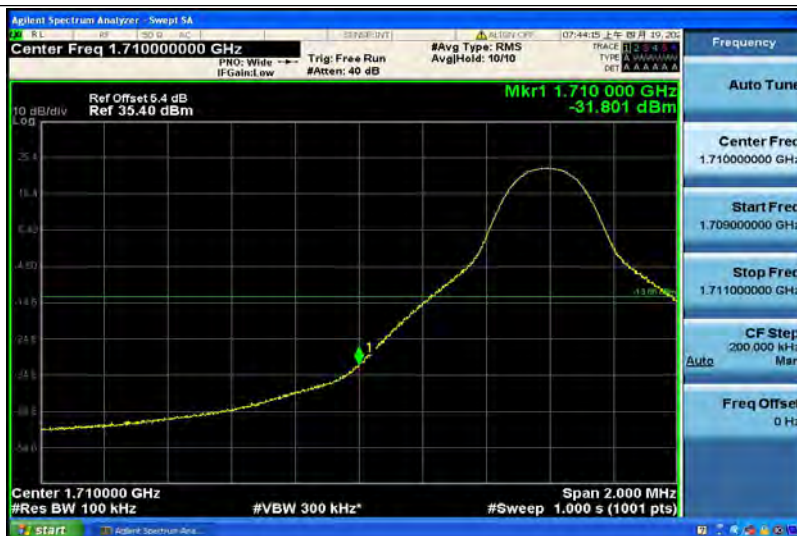


Band4-10MHz-QPSK-20350-50RB#0



Band4-10MHz-64QAM-20000-1RB#0





Band4-10MHz-64QAM-20000-50RB#0



Band4-10MHz-64QAM-20350-1RB#49





Band4-10MHz-64QAM-20350-50RB#0



Band4-10MHz-16QAM-20000-1RB#0



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-Documents.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

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



Band4-10MHz-16QAM-20000-50RB#0



Band4-10MHz-16QAM-20350-1RB#49





Band4-10MHz-16QAM-20350-50RB#0



Band4-15MHz-QPSK-20025-1RB#0



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-Documents.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

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



Band4-15MHz-QPSK-20025-75RB#0



Band4-15MHz-QPSK-20325-1RB#74



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-Documents.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

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



Band4-15MHz-QPSK-20325-75RB#0



Band4-15MHz-64QAM-20025-1RB#0





Band4-15MHz-64QAM-20025-75RB#0



Band4-15MHz-64QAM-20325-1RB#74



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

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



Band4-15MHz-64QAM-20325-75RB#0



Band4-15MHz-16QAM-20025-1RB#0



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-Documents.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

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



Band4-15MHz-16QAM-20025-75RB#0



Band4-15MHz-16QAM-20325-1RB#74





Band4-15MHz-16QAM-20325-75RB#0



Band4-20MHz-QPSK-20050-1RB#0



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-Documents.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

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



Band4-20MHz-QPSK-20050-100RB#0



Band4-20MHz-QPSK-20300-1RB#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-Documents.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



Band4-20MHz-QPSK-20300-100RB#0



Band4-20MHz-64QAM-20050-1RB#0



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-Documents.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

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



Band4-20MHz-64QAM-20050-100RB#0



Band4-20MHz-64QAM-20300-1RB#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-Documents.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

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



Band4-20MHz-64QAM-20300-100RB#0



Band4-20MHz-16QAM-20050-1RB#0



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-Documents.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

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



Band4-20MHz-16QAM-20050-100RB#0



Band4-20MHz-16QAM-20300-1RB#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-Documents.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

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



Band4-20MHz-16QAM-20300-100RB#0



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-Documents.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

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



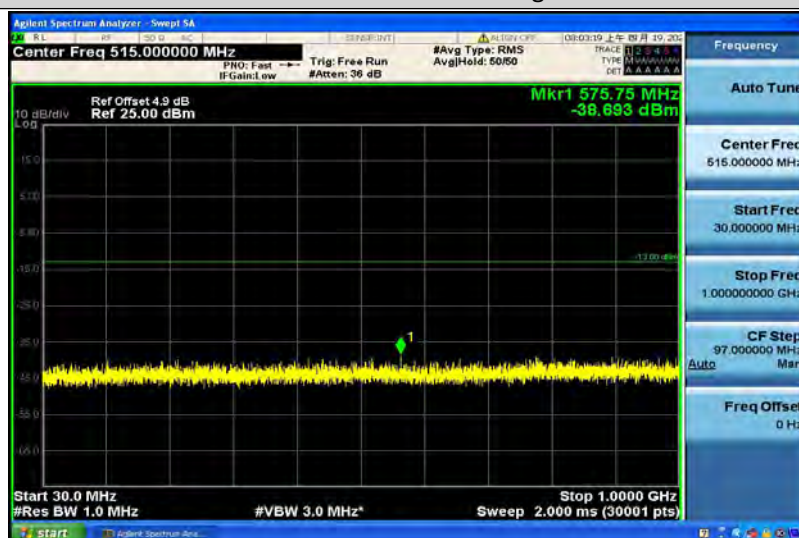
6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

6.1. Test Plots

Band4-20MHz-QPSK-20050-1RB#0-Range1:30~1000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~5000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range3:5000~12000MHz



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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-Documents.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

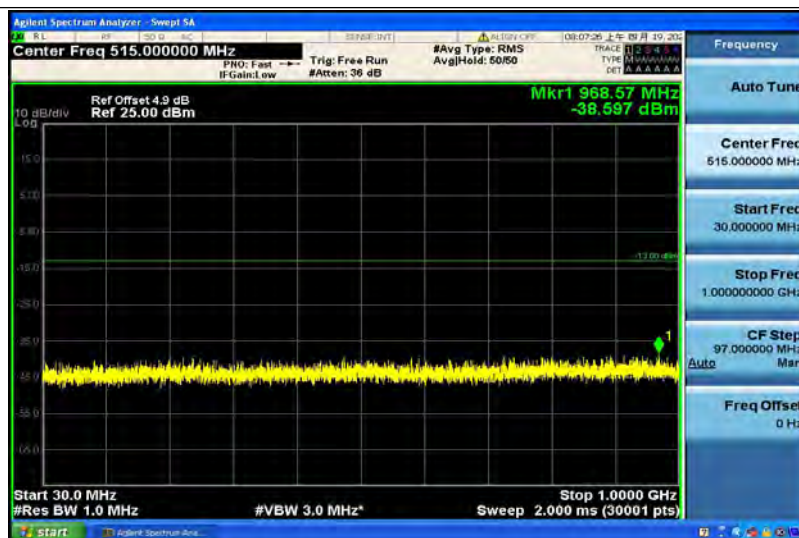


Band4-20MHz-QPSK-20050-1RB#0-Range4:12000~26500MHz



Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz





Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~5000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range3:5000~12000MHz



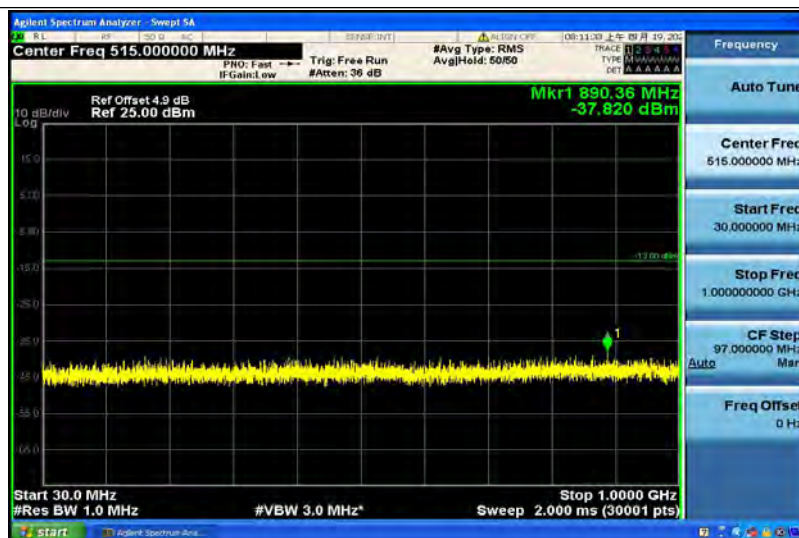


Band4-20MHz-QPSK-20175-1RB#0-Range4:12000~26500MHz



Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz





Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~5000MHz



Band4-20MHz-QPSK-20300-1RB#0-Range3:5000~12000MHz





Band4-20MHz-QPSK-20300-1RB#0-Range4:12000~26500MHz

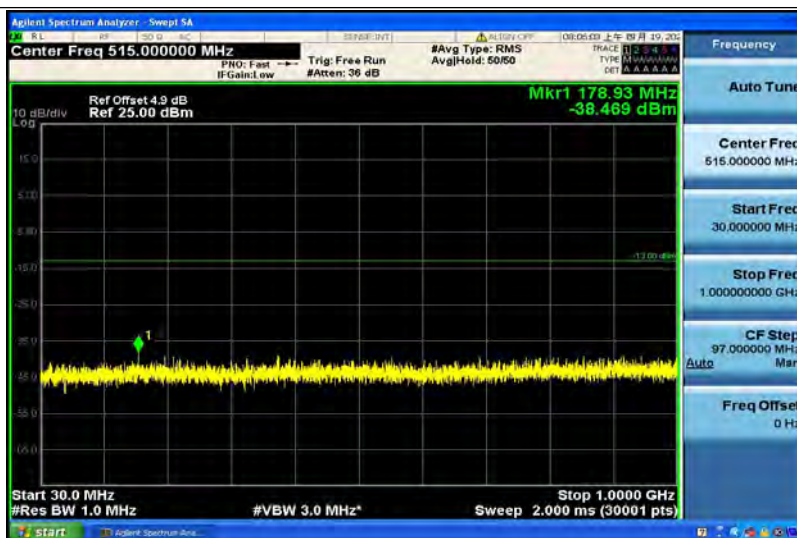


Band4-20MHz-64QAM-20050-1RB#0-Range1:30~1000MHz



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-Documents.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.ssgsgroup.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



Band4-20MHz-64QAM-20050-1RB#0-Range2:1000~5000MHz



Band4-20MHz-64QAM-20050-1RB#0-Range3:5000~12000MHz





Band4-20MHz-64QAM-20050-1RB#0-Range4:12000~26500MHz



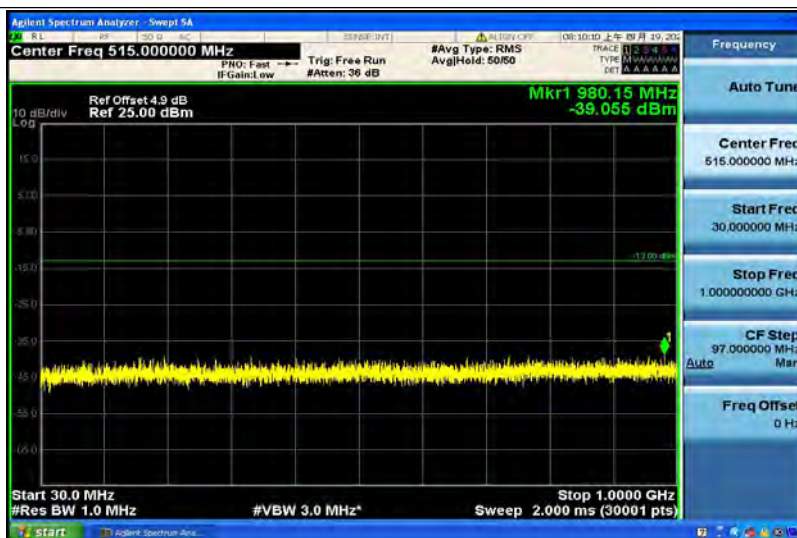
Band4-20MHz-64QAM-20175-1RB#0-Range1:30~1000MHz



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-Documents.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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.ssgsgroup.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



Band4-20MHz-64QAM-20175-1RB#0-Range2:1000~5000MHz



Band4-20MHz-64QAM-20175-1RB#0-Range3:5000~12000MHz



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-Documents.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, Inspection & Testing Services

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.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

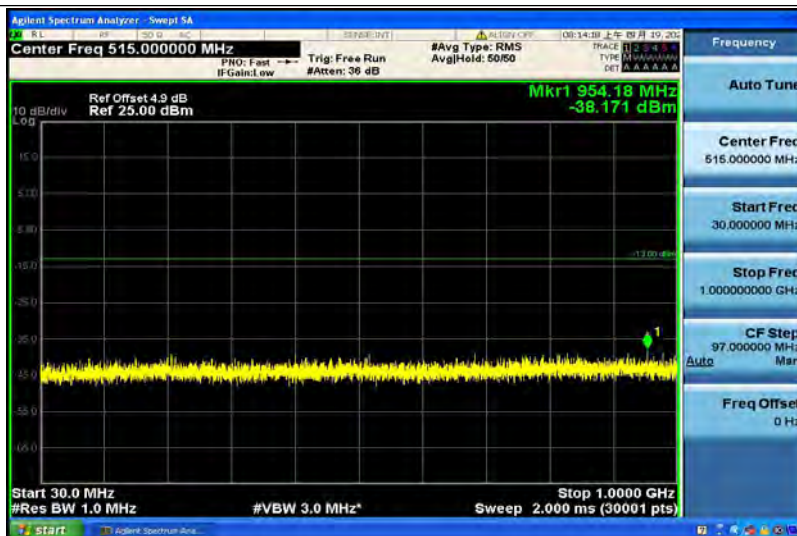


Band4-20MHz-64QAM-20175-1RB#0-Range4:12000~26500MHz



Band4-20MHz-64QAM-20300-1RB#0-Range1:30~1000MHz





Band4-20MHz-64QAM-20300-1RB#0-Range2:1000~5000MHz



Band4-20MHz-64QAM-20300-1RB#0-Range3:5000~12000MHz





Band4-20MHz-64QAM-20300-1RB#0-Range4:12000~26500MHz

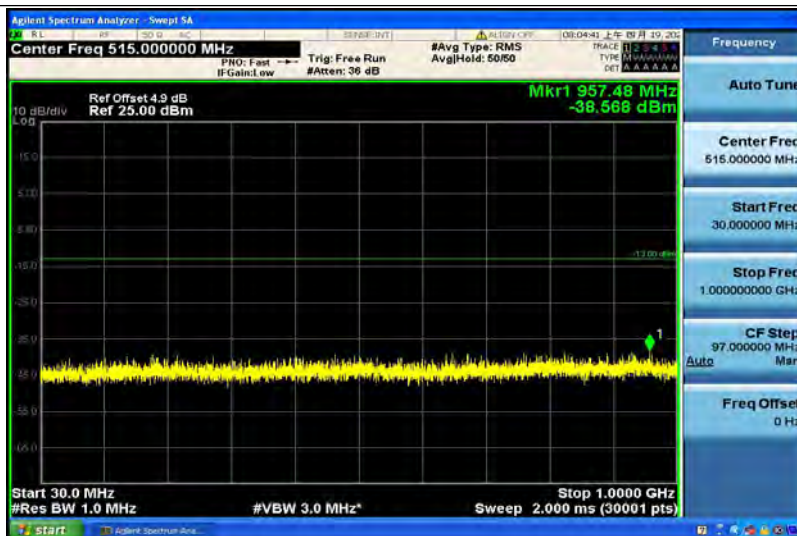


Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



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-Documents.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.ssgsgroup.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



Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~5000MHz



Band4-20MHz-16QAM-20050-1RB#0-Range3:5000~12000MHz



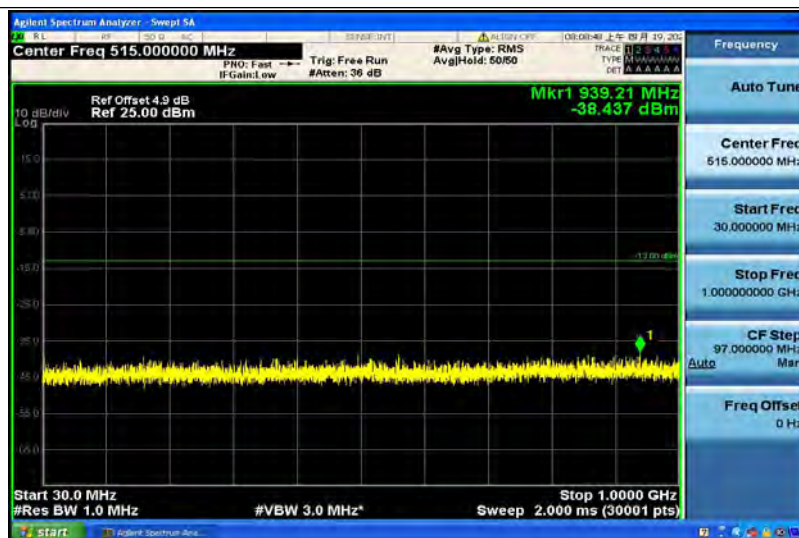


Band4-20MHz-16QAM-20050-1RB#0-Range4:12000~26500MHz



Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz





Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~5000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range3:5000~12000MHz



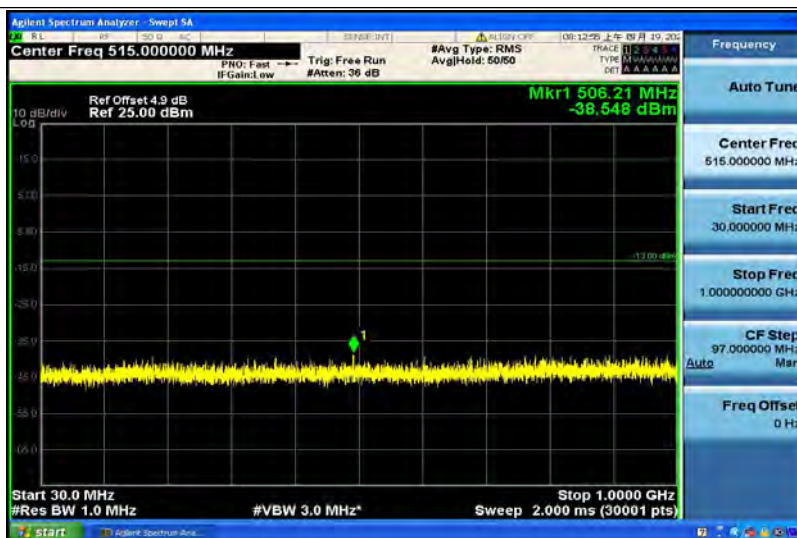


Band4-20MHz-16QAM-20175-1RB#0-Range4:12000~26500MHz



Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz





Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~5000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range3:5000~12000MHz





Band4-20MHz-16QAM-20300-1RB#0-Range4:12000~26500MHz





7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 (Down Ant)

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
67.8319	-68.95	-13.00	55.95	Vertical
115.2673	-64.72	-13.00	51.72	Vertical
614.6482	-63.88	-13.00	50.88	Vertical
2698.7397	-36.67	-13.00	23.67	Vertical
3422.0141	-54.71	-13.00	41.71	Vertical
17997.4999	-39.96	-13.00	26.96	Vertical
43.4352	-64.85	-13.00	51.85	Horizontal
238.8514	-67.53	-13.00	54.53	Horizontal
605.6268	-63.80	-13.00	50.80	Horizontal
2702.7405	-35.42	-13.00	22.42	Horizontal
3422.5141	-53.20	-13.00	40.20	Horizontal
16384.4461	-43.26	-13.00	30.26	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
58.0344	-72.53	-13.00	59.53	Vertical
111.4841	-64.54	-13.00	51.54	Vertical
601.6981	-63.57	-13.00	50.57	Vertical
2706.7413	-36.49	-13.00	23.49	Vertical
3447.5149	-55.19	-13.00	42.19	Vertical
17993.4998	-39.84	-13.00	26.84	Vertical
43.0472	-63.84	-13.00	50.84	Horizontal
242.3436	-68.01	-13.00	55.01	Horizontal
588.7479	-64.03	-13.00	51.03	Horizontal
2693.9388	-35.14	-13.00	22.14	Horizontal
3447.0149	-53.73	-13.00	40.73	Horizontal
16399.9467	-43.87	-13.00	30.87	Horizontal



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.sgs.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



7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
49.8375	-72.81	-13.00	59.81	Vertical
108.7194	-65.07	-13.00	52.07	Vertical
603.2017	-63.59	-13.00	50.59	Vertical
2701.1402	-36.54	-13.00	23.54	Vertical
3472.0157	-55.03	-13.00	42.03	Vertical
17993.4998	-40.22	-13.00	27.22	Vertical
45.7633	-63.67	-13.00	50.67	Horizontal
234.2437	-68.20	-13.00	55.20	Horizontal
647.9209	-63.61	-13.00	50.61	Horizontal
2690.3381	-35.44	-13.00	22.44	Horizontal
3472.0157	-53.31	-13.00	40.31	Horizontal
16400.9467	-44.07	-13.00	31.07	Horizontal

7.2. Test Mode =LTE/TM1 (Up Ant)

7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
49.5465	-71.79	-13.00	58.79	Vertical
109.3015	-64.98	-13.00	51.98	Vertical
615.4728	-63.98	-13.00	50.98	Vertical
2700.3401	-36.68	-13.00	23.68	Vertical
7348.6450	-56.10	-13.00	43.10	Vertical
17993.4998	-40.37	-13.00	27.37	Vertical
43.7747	-63.55	-13.00	50.55	Horizontal
231.4306	-68.30	-13.00	55.30	Horizontal
558.8704	-64.95	-13.00	51.95	Horizontal
2699.5399	-35.47	-13.00	22.47	Horizontal
7403.6468	-56.54	-13.00	43.54	Horizontal
16386.4462	-44.10	-13.00	31.10	Horizontal



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 (SGS-CSTC Laboratory)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057
中国·深圳·科技园中区M-10栋一号厂房

t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
50.7105	-72.16	-13.00	59.16	Vertical
105.1303	-64.45	-13.00	51.45	Vertical
601.6496	-63.96	-13.00	50.96	Vertical
2705.5411	-36.64	-13.00	23.64	Vertical
7962.1654	-55.72	-13.00	42.72	Vertical
17999.5000	-40.33	-13.00	27.33	Vertical
45.3268	-64.05	-13.00	51.05	Horizontal
238.0754	-68.99	-13.00	55.99	Horizontal
626.9193	-64.31	-13.00	51.31	Horizontal
2699.5399	-35.43	-13.00	22.43	Horizontal
7485.6495	-56.48	-13.00	43.48	Horizontal
16372.9458	-44.19	-13.00	31.19	Horizontal

7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
69.3840	-69.13	-13.00	56.13	Vertical
111.6296	-63.99	-13.00	50.99	Vertical
387.9479	-68.16	-13.00	55.16	Vertical
2678.7357	-36.59	-13.00	23.59	Vertical
7355.1452	-55.76	-13.00	42.76	Vertical
17996.9999	-40.19	-13.00	27.19	Vertical
45.2783	-64.34	-13.00	51.34	Horizontal
226.0953	-68.45	-13.00	55.45	Horizontal
590.9305	-63.93	-13.00	50.93	Horizontal
2702.3405	-35.42	-13.00	22.42	Horizontal
7448.6483	-56.31	-13.00	43.31	Horizontal
16400.4467	-43.87	-13.00	30.87	Horizontal

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this 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.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



8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	4.00	0.002326	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	2.10	0.001221	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-11.10	-0.006453	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-8.70	-0.005022	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	-0.40	-0.000231	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-3.90	-0.002251	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	5.60	0.003209	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-7.20	-0.004126	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	6.70	0.003840	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VL	NT	-5.70	-0.003314	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VN	NT	-4.50	-0.002616	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VH	NT	-0.40	-0.000233	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VL	NT	-6.10	-0.003521	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VN	NT	-4.80	-0.002771	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VH	NT	-6.30	-0.003636	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VL	NT	5.60	0.003209	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VN	NT	-1.10	-0.000630	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VH	NT	-6.40	-0.003668	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-5.50	-0.003198	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	-6.60	-0.003837	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	-7.50	-0.004360	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	5.70	0.003290	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	2.80	0.001616	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-8.80	-0.005079	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-8.80	-0.005043	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-8.60	-0.004928	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	3.80	0.002178	±2.5	PASS

8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	7.60	0.004419	±2.5	PASS



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-Documents.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.ssgsgroup.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



Band4	20MHz	QPSK	20050	100RB#0	NV	-20	-8.00	-0.004651	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	3.50	0.002035	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	3.20	0.001860	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	-3.20	-0.001860	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	-7.80	-0.004535	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	5.50	0.003198	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	-6.00	-0.003488	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	1.20	0.000693	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-9.50	-0.005483	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	4.60	0.002655	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	3.00	0.001732	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-6.90	-0.003983	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	0.10	0.000058	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	1.50	0.000866	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-4.00	-0.002309	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	5.10	0.002923	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	6.90	0.003954	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	0.60	0.000344	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-1.70	-0.000974	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-3.70	-0.002120	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-4.60	-0.002636	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-1.50	-0.000860	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-7.90	-0.004527	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-30	-0.80	-0.000465	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-20	-0.50	-0.000291	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	0	-0.80	-0.000465	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	10	-5.30	-0.003081	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	20	-10.00	-0.005814	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	30	5.70	0.003314	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	40	0.60	0.000349	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	50	-8.90	-0.005174	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-30	5.70	0.003290	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-20	-2.60	-0.001501	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	0	-3.70	-0.002136	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	10	7.10	0.004098	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	20	-10.90	-0.006291	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	30	-7.70	-0.004444	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	40	-6.60	-0.003810	±2.5	PASS



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-Documents.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



Band4	20MHz	64QAM	20175	100RB#0	NV	50	-5.80	-0.003348	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-30	-7.10	-0.004069	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-20	-8.40	-0.004814	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	0	-3.80	-0.002178	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	10	6.30	0.003610	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	20	-10.10	-0.005788	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	30	4.80	0.002751	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	40	-0.10	-0.000057	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	50	1.10	0.000630	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	-11.80	-0.006860	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	-7.50	-0.004360	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	-6.50	-0.003779	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	-8.70	-0.005058	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	-2.80	-0.001628	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	4.00	0.002326	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	-5.80	-0.003372	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	-0.30	-0.000174	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-3.40	-0.001962	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	-5.70	-0.003290	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	-9.80	-0.005657	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	-5.50	-0.003175	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	0.40	0.000231	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	-5.20	-0.003001	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	-0.70	-0.000404	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	5.60	0.003232	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	0.80	0.000458	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-10.60	-0.006074	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	6.10	0.003496	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	8.00	0.004585	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-8.10	-0.004642	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	8.20	0.004699	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	7.60	0.004355	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	0.10	0.000057	±2.5	PASS



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-Documents.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.sgs.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