



Appendix B

E-UTRA Band 2



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

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



CONTENT

1	EFFECTIVE (ISOTROPIC) RADIATED POWER.....	3
1.1.	TEST RESULT.....	3
2.	PEAK-TO-AVERAGE RATIO (CCDF).....	15
2.1.	TEST RESULT.....	15
2.2.	TEST PLOTS.....	15
3.	MODULATION CHARACTERISTICS.....	20
3.1.	TEST MODE = LTE /TM1 20MHZ.....	20
3.1.1.	TEST CHANNEL = MCH.....	20
3.2.	TEST MODE = LTE /TM2 20MHZ.....	21
3.2.1.	TEST CHANNEL = MCH.....	21
3.3.	TEST MODE = LTE /TM3 20MHZ.....	22
3.3.1.	TEST CHANNEL = MCH.....	22
4.	26DB BANDWIDTH AND OCCUPIED BANDWIDTH.....	23
4.1.	TEST RESULT.....	23
4.2.	TEST PLOTS.....	25
5.	BAND EDGE COMPLIANCE.....	52
5.1.	TEST RESULT.....	52
5.2.	TEST PLOTS.....	54
6.	SPURIOUS EMISSION AT ANTENNA TERMINAL.....	92
6.1.	TEST PLOTS.....	92
7.	FIELD STRENGTH OF SPURIOUS RADIATION.....	102
7.1.	TEST MODE =LTE/TM1 20MHZ.....	102
7.1.1.	TEST CHANNEL = LCH.....	102
7.1.2.	TEST CHANNEL = MCH.....	102
7.1.3.	TEST CHANNEL = HCH.....	103
8.	FREQUENCY STABILITY.....	104
8.1.	FREQUENCY VS VOLTAGE.....	104
8.2.	FREQUENCY VS TEMPERATURE.....	105



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

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

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



1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#2	23.19	21.09	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.99	20.89	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	23.34	21.24	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.27	21.17	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.18	21.08	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.13	21.03	33	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.21	20.11	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.05	20.95	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.06	20.96	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.12	21.02	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.06	20.96	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.04	20.94	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.03	20.93	33	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.04	19.94	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.70	20.60	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.67	20.57	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.62	20.52	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	22.75	20.65	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	22.69	20.59	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	22.71	20.61	33	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.71	19.61	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	21.53	19.43	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	21.48	19.38	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	19.96	17.86	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#0	21.45	19.35	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#1	21.50	19.40	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#3	21.43	19.33	33	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 Shenzhen 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



Band2	1.4MHz	64QAM	18607	6RB#0	20.36	18.26	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	21.22	19.12	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	21.30	19.20	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	21.39	19.29	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#1	21.29	19.19	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#3	21.23	19.13	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#0	21.32	19.22	33	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	20.19	18.09	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	21.08	18.98	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	20.91	18.81	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	20.72	18.62	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#0	20.87	18.77	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#1	20.90	18.80	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#3	20.90	18.80	33	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	19.83	17.73	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.44	20.34	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.57	20.47	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.53	20.43	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.53	20.43	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.14	20.04	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.13	20.03	33	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.43	19.33	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.21	20.11	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.32	20.22	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.30	20.20	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.18	20.08	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.05	19.95	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.10	20.00	33	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.18	19.08	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.89	19.79	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.82	19.72	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.87	19.77	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.73	19.63	33	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.sgs.com
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



Band2	1.4MHz	16QAM	19193	3RB#1	21.83	19.73	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	21.74	19.64	33	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.77	18.67	33	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.05	20.95	33	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.05	20.95	33	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.08	20.98	33	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.15	20.05	33	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.21	20.11	33	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.24	20.14	33	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.21	20.11	33	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.85	20.75	33	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.08	20.98	33	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.15	21.05	33	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.02	19.92	33	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.04	19.94	33	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.15	20.05	33	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.97	19.87	33	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.77	20.67	33	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.83	20.73	33	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.70	20.60	33	PASS
Band2	3MHz	QPSK	19185	8RB#7	21.69	19.59	33	PASS
Band2	3MHz	QPSK	19185	8RB#4	21.73	19.63	33	PASS
Band2	3MHz	QPSK	19185	8RB#0	21.79	19.69	33	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.73	19.63	33	PASS
Band2	3MHz	64QAM	18615	1RB#0	21.49	19.39	33	PASS
Band2	3MHz	64QAM	18615	1RB#8	21.43	19.33	33	PASS
Band2	3MHz	64QAM	18615	1RB#14	21.56	19.46	33	PASS
Band2	3MHz	64QAM	18615	8RB#0	20.31	18.21	33	PASS
Band2	3MHz	64QAM	18615	8RB#4	20.42	18.32	33	PASS
Band2	3MHz	64QAM	18615	8RB#7	20.20	18.10	33	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.26	18.16	33	PASS
Band2	3MHz	64QAM	18900	1RB#14	21.17	19.07	33	PASS
Band2	3MHz	64QAM	18900	1RB#0	21.42	19.32	33	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
 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



Band2	3MHz	64QAM	18900	1RB#8	21.22	19.12	33	PASS
Band2	3MHz	64QAM	18900	8RB#0	20.18	18.08	33	PASS
Band2	3MHz	64QAM	18900	8RB#7	20.05	17.95	33	PASS
Band2	3MHz	64QAM	18900	8RB#4	20.13	18.03	33	PASS
Band2	3MHz	64QAM	18900	15RB#0	20.15	18.05	33	PASS
Band2	3MHz	64QAM	19185	1RB#0	20.96	18.86	33	PASS
Band2	3MHz	64QAM	19185	1RB#8	21.03	18.93	33	PASS
Band2	3MHz	64QAM	19185	1RB#14	20.89	18.79	33	PASS
Band2	3MHz	64QAM	19185	8RB#7	19.73	17.63	33	PASS
Band2	3MHz	64QAM	19185	8RB#0	19.81	17.71	33	PASS
Band2	3MHz	64QAM	19185	8RB#4	19.81	17.71	33	PASS
Band2	3MHz	64QAM	19185	15RB#0	19.78	17.68	33	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.53	20.43	33	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.20	20.10	33	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.30	20.20	33	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.28	19.18	33	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.33	19.23	33	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.39	19.29	33	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.22	19.12	33	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.31	20.21	33	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.18	20.08	33	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.29	20.19	33	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.10	19.00	33	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.23	19.13	33	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.10	19.00	33	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.08	18.98	33	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.92	19.82	33	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.90	19.80	33	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.84	19.74	33	PASS
Band2	3MHz	16QAM	19185	8RB#0	20.82	18.72	33	PASS
Band2	3MHz	16QAM	19185	8RB#4	20.83	18.73	33	PASS
Band2	3MHz	16QAM	19185	8RB#7	20.78	18.68	33	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.73	18.63	33	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



Band2	5MHz	QPSK	18625	1RB#12	23.15	21.05	33	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.38	21.28	33	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.14	21.04	33	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.21	20.11	33	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.28	20.18	33	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.25	20.15	33	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.25	20.15	33	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.50	21.40	33	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.04	20.94	33	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.84	20.74	33	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.18	20.08	33	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.09	19.99	33	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.13	20.03	33	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.03	19.93	33	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.73	20.63	33	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.95	20.85	33	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.64	20.54	33	PASS
Band2	5MHz	QPSK	19175	12RB#0	21.92	19.82	33	PASS
Band2	5MHz	QPSK	19175	12RB#6	21.77	19.67	33	PASS
Band2	5MHz	QPSK	19175	12RB#13	21.69	19.59	33	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.75	19.65	33	PASS
Band2	5MHz	64QAM	18625	1RB#24	21.60	19.50	33	PASS
Band2	5MHz	64QAM	18625	1RB#0	21.52	19.42	33	PASS
Band2	5MHz	64QAM	18625	1RB#12	21.32	19.22	33	PASS
Band2	5MHz	64QAM	18625	12RB#0	20.38	18.28	33	PASS
Band2	5MHz	64QAM	18625	12RB#13	20.50	18.40	33	PASS
Band2	5MHz	64QAM	18625	12RB#6	20.36	18.26	33	PASS
Band2	5MHz	64QAM	18625	25RB#0	20.36	18.26	33	PASS
Band2	5MHz	64QAM	18900	1RB#12	21.20	19.10	33	PASS
Band2	5MHz	64QAM	18900	1RB#0	21.55	19.45	33	PASS
Band2	5MHz	64QAM	18900	1RB#24	20.98	18.88	33	PASS
Band2	5MHz	64QAM	18900	12RB#0	20.36	18.26	33	PASS
Band2	5MHz	64QAM	18900	12RB#6	20.22	18.12	33	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

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



Band2	5MHz	64QAM	18900	12RB#13	20.26	18.16	33	PASS
Band2	5MHz	64QAM	18900	25RB#0	20.19	18.09	33	PASS
Band2	5MHz	64QAM	19175	1RB#12	20.93	18.83	33	PASS
Band2	5MHz	64QAM	19175	1RB#0	21.14	19.04	33	PASS
Band2	5MHz	64QAM	19175	1RB#24	20.90	18.80	33	PASS
Band2	5MHz	64QAM	19175	12RB#13	19.84	17.74	33	PASS
Band2	5MHz	64QAM	19175	12RB#6	19.90	17.80	33	PASS
Band2	5MHz	64QAM	19175	12RB#0	19.98	17.88	33	PASS
Band2	5MHz	64QAM	19175	25RB#0	19.89	17.79	33	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.38	20.28	33	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.48	20.38	33	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.52	20.42	33	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.39	19.29	33	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.33	19.23	33	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.27	19.17	33	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.34	19.24	33	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.24	20.14	33	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.23	20.13	33	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.35	20.25	33	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.21	19.11	33	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.34	19.24	33	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.15	19.05	33	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.18	19.08	33	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.78	19.68	33	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.13	20.03	33	PASS
Band2	5MHz	16QAM	19175	1RB#12	21.94	19.84	33	PASS
Band2	5MHz	16QAM	19175	12RB#0	20.98	18.88	33	PASS
Band2	5MHz	16QAM	19175	12RB#6	20.87	18.77	33	PASS
Band2	5MHz	16QAM	19175	12RB#13	20.78	18.68	33	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.82	18.72	33	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.61	21.51	33	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.26	21.16	33	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.57	20.47	33	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 Laboratory

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



Band2	10MHz	QPSK	18650	25RB#0	22.34	20.24	33	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.26	20.16	33	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.29	20.19	33	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.32	20.22	33	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.58	21.48	33	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.16	21.06	33	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.28	20.18	33	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.06	19.96	33	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.12	20.02	33	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.20	20.10	33	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.09	19.99	33	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.38	21.28	33	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.81	20.71	33	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.59	20.49	33	PASS
Band2	10MHz	QPSK	19150	25RB#0	21.99	19.89	33	PASS
Band2	10MHz	QPSK	19150	25RB#12	21.80	19.70	33	PASS
Band2	10MHz	QPSK	19150	25RB#25	21.59	19.49	33	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.83	19.73	33	PASS
Band2	10MHz	64QAM	18650	1RB#0	21.84	19.74	33	PASS
Band2	10MHz	64QAM	18650	1RB#49	21.17	19.07	33	PASS
Band2	10MHz	64QAM	18650	1RB#24	21.43	19.33	33	PASS
Band2	10MHz	64QAM	18650	25RB#12	20.51	18.41	33	PASS
Band2	10MHz	64QAM	18650	25RB#0	20.41	18.31	33	PASS
Band2	10MHz	64QAM	18650	25RB#25	20.47	18.37	33	PASS
Band2	10MHz	64QAM	18650	50RB#0	20.33	18.23	33	PASS
Band2	10MHz	64QAM	18900	1RB#0	21.66	19.56	33	PASS
Band2	10MHz	64QAM	18900	1RB#49	20.80	18.70	33	PASS
Band2	10MHz	64QAM	18900	1RB#24	21.23	19.13	33	PASS
Band2	10MHz	64QAM	18900	25RB#0	20.19	18.09	33	PASS
Band2	10MHz	64QAM	18900	25RB#12	20.19	18.09	33	PASS
Band2	10MHz	64QAM	18900	25RB#25	20.31	18.21	33	PASS
Band2	10MHz	64QAM	18900	50RB#0	20.23	18.13	33	PASS
Band2	10MHz	64QAM	19150	1RB#49	20.13	18.03	33	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



Band2	10MHz	64QAM	19150	1RB#24	20.98	18.88	33	PASS
Band2	10MHz	64QAM	19150	1RB#0	21.50	19.40	33	PASS
Band2	10MHz	64QAM	19150	25RB#25	19.94	17.84	33	PASS
Band2	10MHz	64QAM	19150	25RB#0	20.19	18.09	33	PASS
Band2	10MHz	64QAM	19150	25RB#12	20.03	17.93	33	PASS
Band2	10MHz	64QAM	19150	50RB#0	19.94	17.84	33	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.65	20.55	33	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.64	20.54	33	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.48	20.38	33	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.39	19.29	33	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.29	19.19	33	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.34	19.24	33	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.30	19.20	33	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.55	20.45	33	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.21	20.11	33	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.50	20.40	33	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.20	19.10	33	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.17	19.07	33	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.21	19.11	33	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.15	19.05	33	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.06	19.96	33	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.11	20.01	33	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.33	20.23	33	PASS
Band2	10MHz	16QAM	19150	25RB#0	20.95	18.85	33	PASS
Band2	10MHz	16QAM	19150	25RB#12	20.82	18.72	33	PASS
Band2	10MHz	16QAM	19150	25RB#25	20.72	18.62	33	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.94	18.84	33	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.38	21.28	33	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.28	21.18	33	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.38	21.28	33	PASS
Band2	15MHz	QPSK	18675	36RB#39	22.25	20.15	33	PASS
Band2	15MHz	QPSK	18675	36RB#18	22.21	20.11	33	PASS
Band2	15MHz	QPSK	18675	36RB#0	22.28	20.18	33	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 Shenzhen Laboratory

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



Band2	15MHz	QPSK	18675	75RB#0	22.04	19.94	33	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.53	20.43	33	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.40	21.30	33	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.53	20.43	33	PASS
Band2	15MHz	QPSK	18900	36RB#0	22.11	20.01	33	PASS
Band2	15MHz	QPSK	18900	36RB#39	22.07	19.97	33	PASS
Band2	15MHz	QPSK	18900	36RB#18	22.09	19.99	33	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.08	19.98	33	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.70	20.60	33	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.06	20.96	33	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.02	19.92	33	PASS
Band2	15MHz	QPSK	19125	36RB#39	21.71	19.61	33	PASS
Band2	15MHz	QPSK	19125	36RB#0	21.89	19.79	33	PASS
Band2	15MHz	QPSK	19125	36RB#18	21.55	19.45	33	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.83	19.73	33	PASS
Band2	15MHz	64QAM	18675	1RB#74	21.59	19.49	33	PASS
Band2	15MHz	64QAM	18675	1RB#38	21.44	19.34	33	PASS
Band2	15MHz	64QAM	18675	1RB#0	22.03	19.93	33	PASS
Band2	15MHz	64QAM	18675	36RB#0	20.41	18.31	33	PASS
Band2	15MHz	64QAM	18675	36RB#18	20.40	18.30	33	PASS
Band2	15MHz	64QAM	18675	36RB#39	20.36	18.26	33	PASS
Band2	15MHz	64QAM	18675	75RB#0	20.30	18.20	33	PASS
Band2	15MHz	64QAM	18900	1RB#0	21.84	19.74	33	PASS
Band2	15MHz	64QAM	18900	1RB#38	20.77	18.67	33	PASS
Band2	15MHz	64QAM	18900	1RB#74	20.75	18.65	33	PASS
Band2	15MHz	64QAM	18900	36RB#0	20.20	18.10	33	PASS
Band2	15MHz	64QAM	18900	36RB#18	20.18	18.08	33	PASS
Band2	15MHz	64QAM	18900	36RB#39	20.12	18.02	33	PASS
Band2	15MHz	64QAM	18900	75RB#0	20.15	18.05	33	PASS
Band2	15MHz	64QAM	19125	1RB#38	20.84	18.74	33	PASS
Band2	15MHz	64QAM	19125	1RB#74	20.40	18.30	33	PASS
Band2	15MHz	64QAM	19125	1RB#0	21.38	19.28	33	PASS
Band2	15MHz	64QAM	19125	36RB#0	19.97	17.87	33	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
 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



Band2	15MHz	64QAM	19125	36RB#18	20.05	17.95	33	PASS
Band2	15MHz	64QAM	19125	36RB#39	19.91	17.81	33	PASS
Band2	15MHz	64QAM	19125	75RB#0	20.02	17.92	33	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.74	20.64	33	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.56	20.46	33	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.67	20.57	33	PASS
Band2	15MHz	16QAM	18675	36RB#0	21.34	19.24	33	PASS
Band2	15MHz	16QAM	18675	36RB#18	21.42	19.32	33	PASS
Band2	15MHz	16QAM	18675	36RB#39	21.30	19.20	33	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.08	18.98	33	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.97	19.87	33	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.52	20.42	33	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.54	20.44	33	PASS
Band2	15MHz	16QAM	18900	36RB#0	21.06	18.96	33	PASS
Band2	15MHz	16QAM	18900	36RB#18	21.21	19.11	33	PASS
Band2	15MHz	16QAM	18900	36RB#39	20.97	18.87	33	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.24	19.14	33	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.30	20.20	33	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.09	19.99	33	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.15	20.05	33	PASS
Band2	15MHz	16QAM	19125	36RB#39	20.69	18.59	33	PASS
Band2	15MHz	16QAM	19125	36RB#0	20.82	18.72	33	PASS
Band2	15MHz	16QAM	19125	36RB#18	20.84	18.74	33	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.83	18.73	33	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.19	21.09	33	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.32	21.22	33	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.44	21.34	33	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.39	20.29	33	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.13	20.03	33	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.28	20.18	33	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.31	20.21	33	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.10	20.00	33	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.29	20.19	33	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



Band2	20MHz	QPSK	18900	1RB#0	23.47	21.37	33	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.08	19.98	33	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.03	19.93	33	PASS
Band2	20MHz	QPSK	18900	50RB#50	21.83	19.73	33	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.16	20.06	33	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.12	21.02	33	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.08	20.98	33	PASS
Band2	20MHz	QPSK	19100	1RB#99	21.79	19.69	33	PASS
Band2	20MHz	QPSK	19100	50RB#25	21.87	19.77	33	PASS
Band2	20MHz	QPSK	19100	50RB#50	21.89	19.79	33	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.84	19.74	33	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.95	19.85	33	PASS
Band2	20MHz	64QAM	18700	1RB#0	21.54	19.44	33	PASS
Band2	20MHz	64QAM	18700	1RB#49	21.37	19.27	33	PASS
Band2	20MHz	64QAM	18700	1RB#99	21.52	19.42	33	PASS
Band2	20MHz	64QAM	18700	50RB#0	20.44	18.34	33	PASS
Band2	20MHz	64QAM	18700	50RB#25	20.29	18.19	33	PASS
Band2	20MHz	64QAM	18700	50RB#50	20.39	18.29	33	PASS
Band2	20MHz	64QAM	18700	100RB#0	20.33	18.23	33	PASS
Band2	20MHz	64QAM	18900	1RB#99	20.59	18.49	33	PASS
Band2	20MHz	64QAM	18900	1RB#0	21.78	19.68	33	PASS
Band2	20MHz	64QAM	18900	1RB#49	20.85	18.75	33	PASS
Band2	20MHz	64QAM	18900	50RB#25	20.13	18.03	33	PASS
Band2	20MHz	64QAM	18900	50RB#50	20.02	17.92	33	PASS
Band2	20MHz	64QAM	18900	50RB#0	20.16	18.06	33	PASS
Band2	20MHz	64QAM	18900	100RB#0	20.18	18.08	33	PASS
Band2	20MHz	64QAM	19100	1RB#49	21.36	19.26	33	PASS
Band2	20MHz	64QAM	19100	1RB#99	19.70	17.60	33	PASS
Band2	20MHz	64QAM	19100	1RB#0	21.28	19.18	33	PASS
Band2	20MHz	64QAM	19100	50RB#50	20.04	17.94	33	PASS
Band2	20MHz	64QAM	19100	50RB#0	19.88	17.78	33	PASS
Band2	20MHz	64QAM	19100	50RB#25	19.83	17.73	33	PASS
Band2	20MHz	64QAM	19100	100RB#0	19.88	17.78	33	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.sgs.com
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



Band2	20MHz	16QAM	18700	1RB#99	22.43	20.33	33	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.59	20.49	33	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.42	20.32	33	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.11	19.01	33	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.21	19.11	33	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.26	19.16	33	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.25	19.15	33	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.27	20.17	33	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.03	19.93	33	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.39	20.29	33	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.08	18.98	33	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.07	18.97	33	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.04	18.94	33	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.20	19.10	33	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.06	19.96	33	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.05	19.95	33	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.28	20.18	33	PASS
Band2	20MHz	16QAM	19100	50RB#50	20.92	18.82	33	PASS
Band2	20MHz	16QAM	19100	50RB#25	20.78	18.68	33	PASS
Band2	20MHz	16QAM	19100	50RB#0	20.90	18.80	33	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.90	18.80	33	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
 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

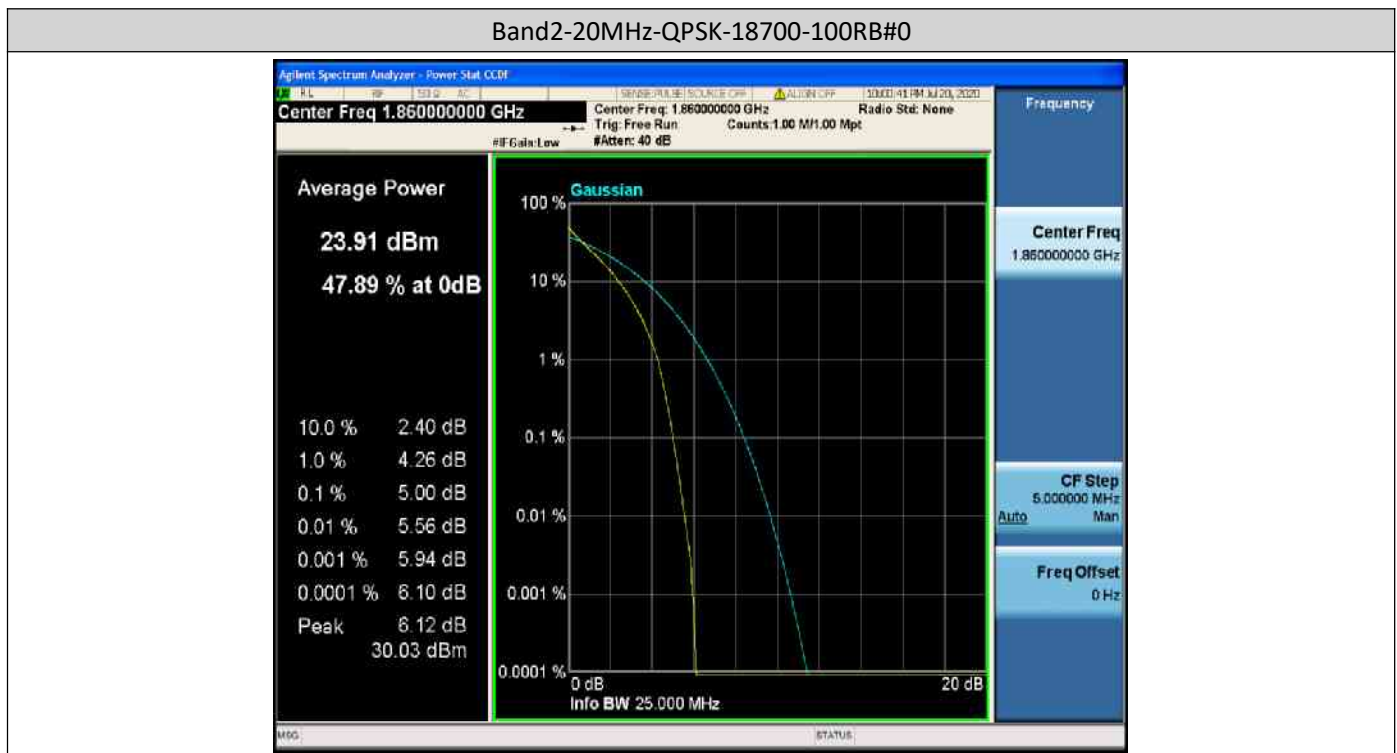


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	5.00	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.00	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	4.95	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.32	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.46	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.34	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	5.76	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.77	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.73	13	PASS

2.2. Test Plots



Band2-20MHz-QPSK-18900-100RB#0



Band2-20MHz-QPSK-19100-100RB#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



Band2-20MHz-64QAM-18700-100RB#0



Band2-20MHz-64QAM-18900-100RB#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

Band2-20MHz-64QAM-19100-100RB#0



Band2-20MHz-16QAM-18700-100RB#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

Band2-20MHz-16QAM-18900-100RB#0



Band2-20MHz-16QAM-19100-100RB#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.

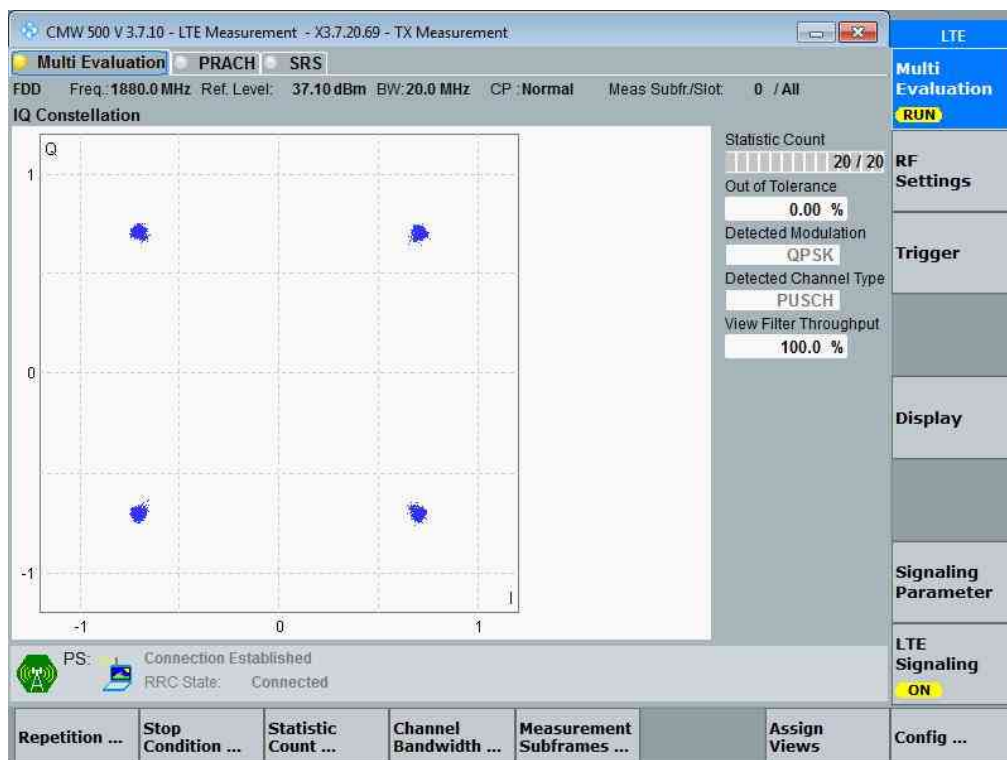
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
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



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-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

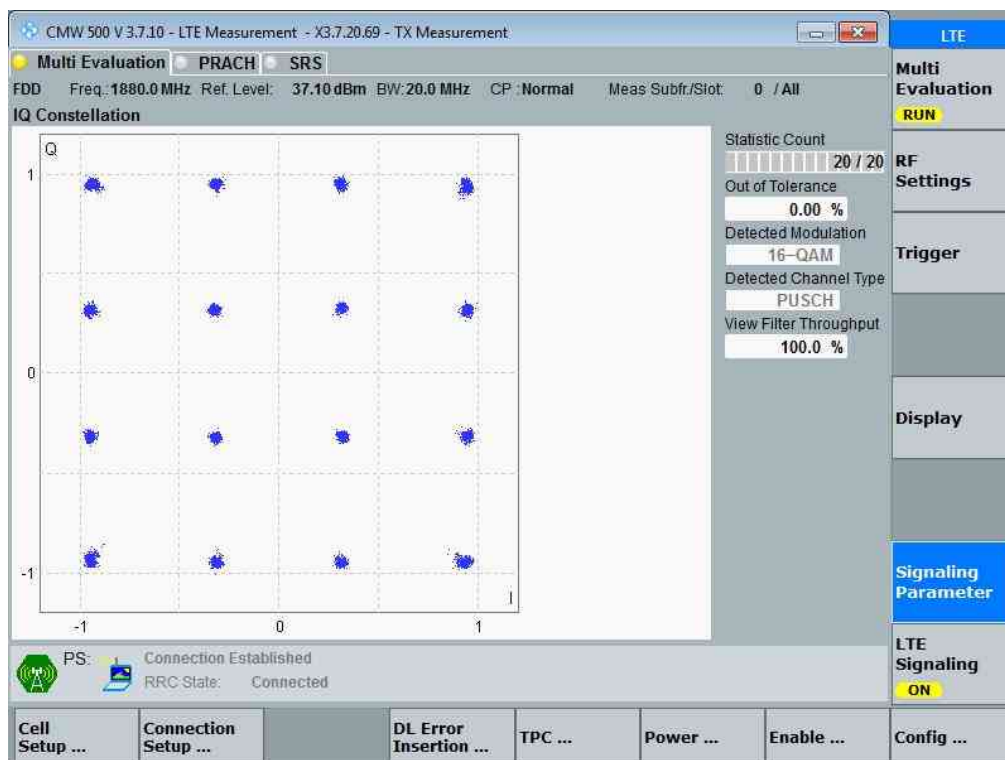
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch, Testing & Calibration Laboratory

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



3.2. Test Mode = LTE /TM2 20MHz

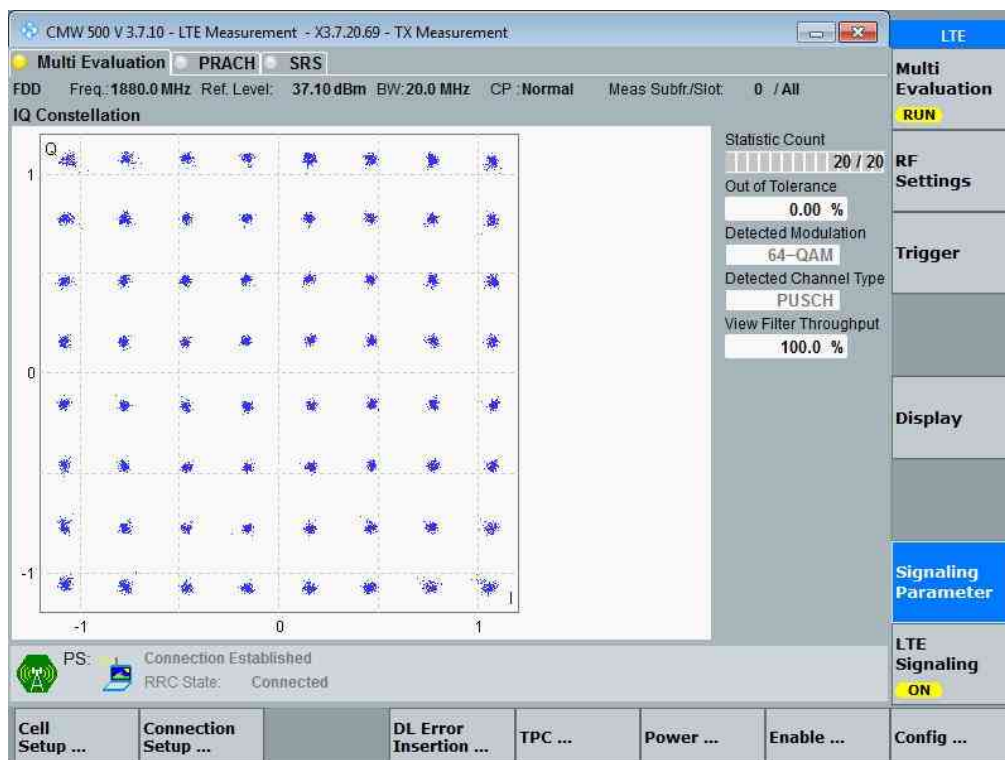
3.2.1. Test Channel = MCH





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
Band2	1.4MHz	QPSK	18607	6RB#0	1.0913	1.283	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0910	1.283	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0906	1.274	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.0910	1.283	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.0894	1.281	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.0903	1.283	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0902	1.281	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0884	1.280	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0924	1.271	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6949	2.968	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6986	2.975	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6951	2.996	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.6919	2.965	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.6950	2.968	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.6964	2.969	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6896	2.963	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6889	2.944	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6837	2.947	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4731	4.899	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4732	4.899	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4722	4.902	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.4750	4.896	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.4768	4.891	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.4735	4.898	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4867	4.926	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4861	4.919	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4814	4.933	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9169	9.672	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9261	9.607	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9301	9.708	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.9290	9.722	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-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



Band2	10MHz	64QAM	18900	50RB#0	8.9297	9.684	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.9315	9.617	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9292	9.645	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9147	9.697	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9232	9.712	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.470	14.79	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.447	14.61	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.449	14.66	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.450	14.76	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.461	14.67	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.453	14.72	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.460	14.71	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.438	14.64	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.442	14.61	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.895	19.32	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.903	19.29	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.907	19.33	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.854	19.29	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.917	19.27	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.879	19.31	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.893	19.39	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.865	19.31	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.880	19.36	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-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

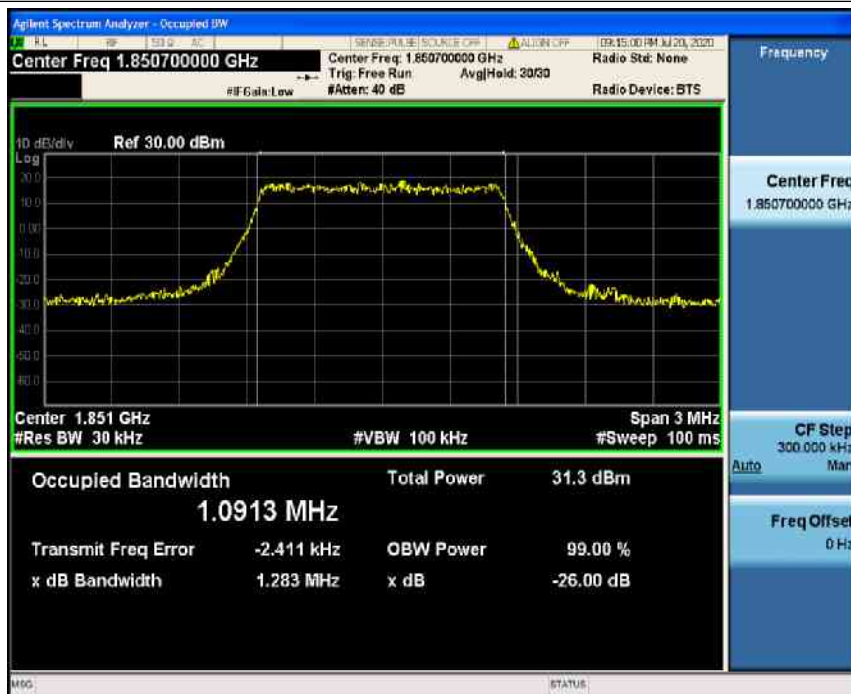
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CSTC) Laboratory

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

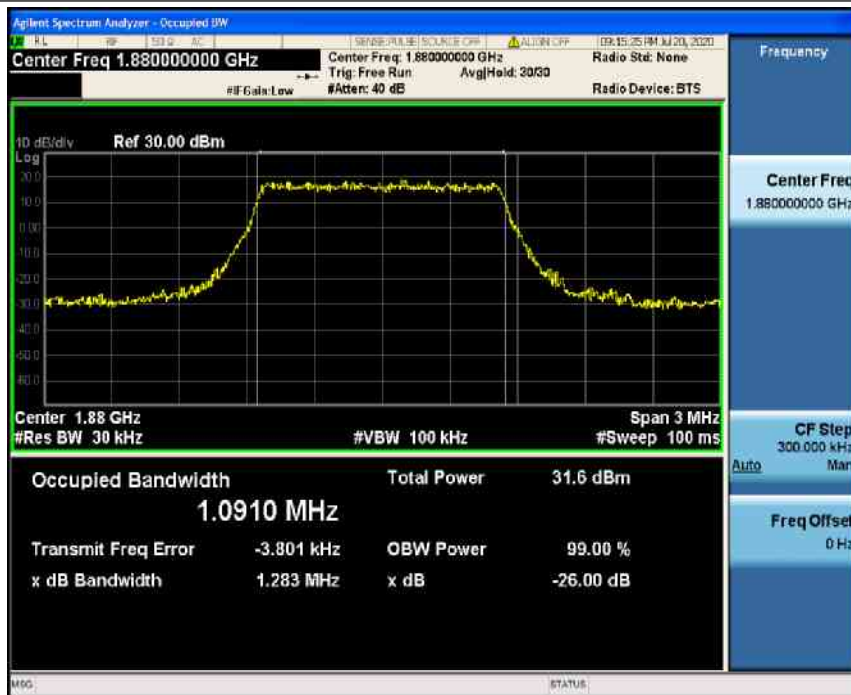


4.2. Test Plots

Band2-1.4MHz-QPSK-18607-6RB#0-1.0913



Band2-1.4MHz-QPSK-18900-6RB#0-1.0910





Band2-1.4MHz-QPSK-19193-6RB#0-1.0906



Band2-1.4MHz-64QAM-18607-6RB#0-1.0910





Band2-1.4MHz-64QAM-18900-6RB#0-1.0894



Band2-1.4MHz-64QAM-19193-6RB#0-1.0903





Band2-1.4MHz-16QAM-18607-6RB#0-1.0902

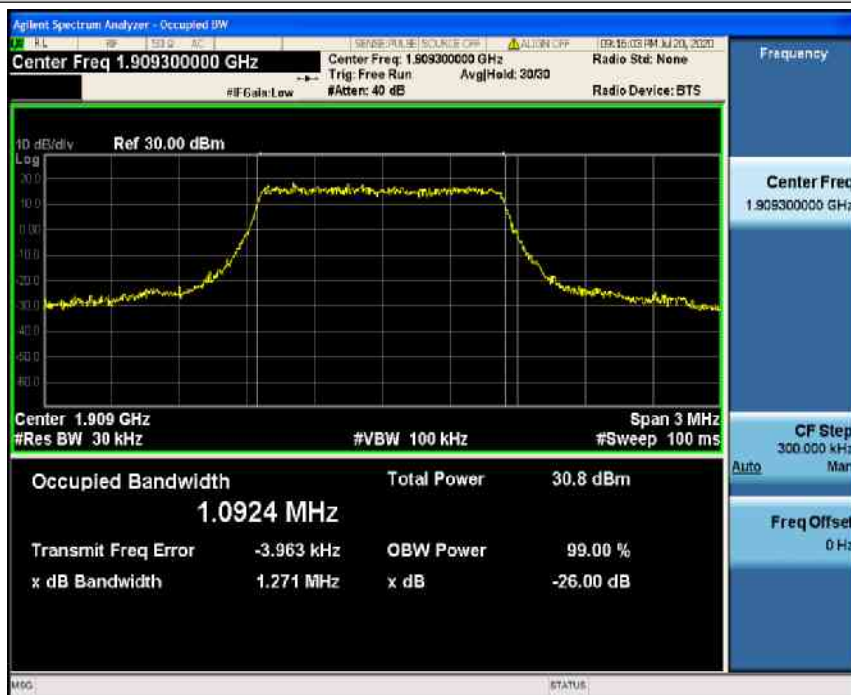


Band2-1.4MHz-16QAM-18900-6RB#0-1.0884

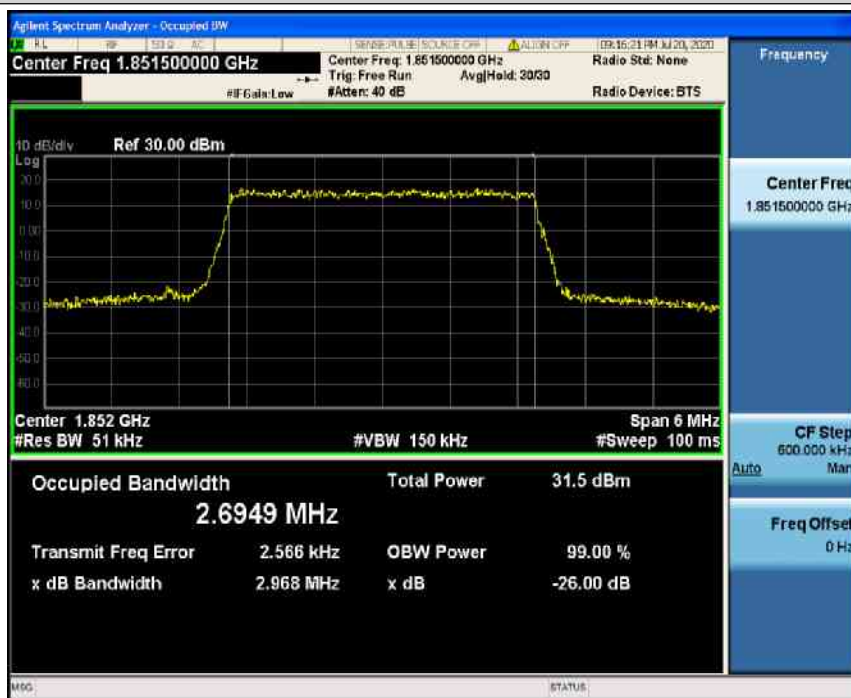




Band2-1.4MHz-16QAM-19193-6RB#0-1.0924



Band2-3MHz-QPSK-18615-15RB#0-2.6949

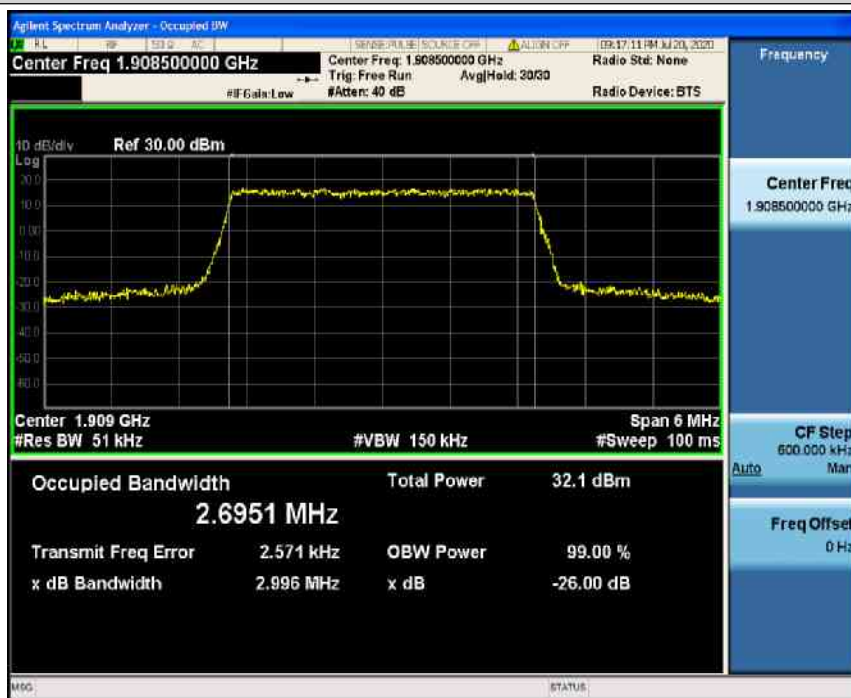




Band2-3MHz-QPSK-18900-15RB#0-2.6986

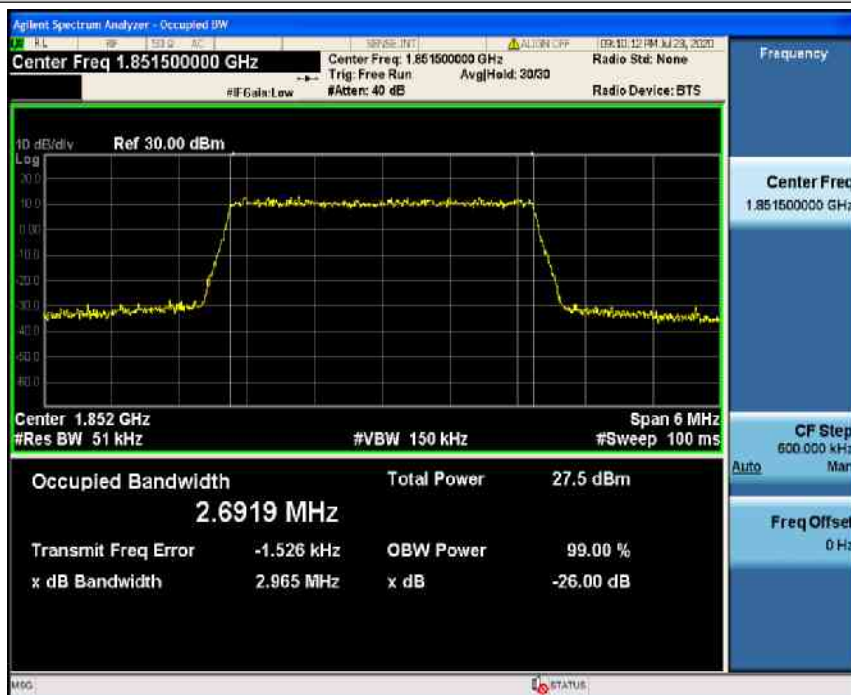


Band2-3MHz-QPSK-19185-15RB#0-2.6951

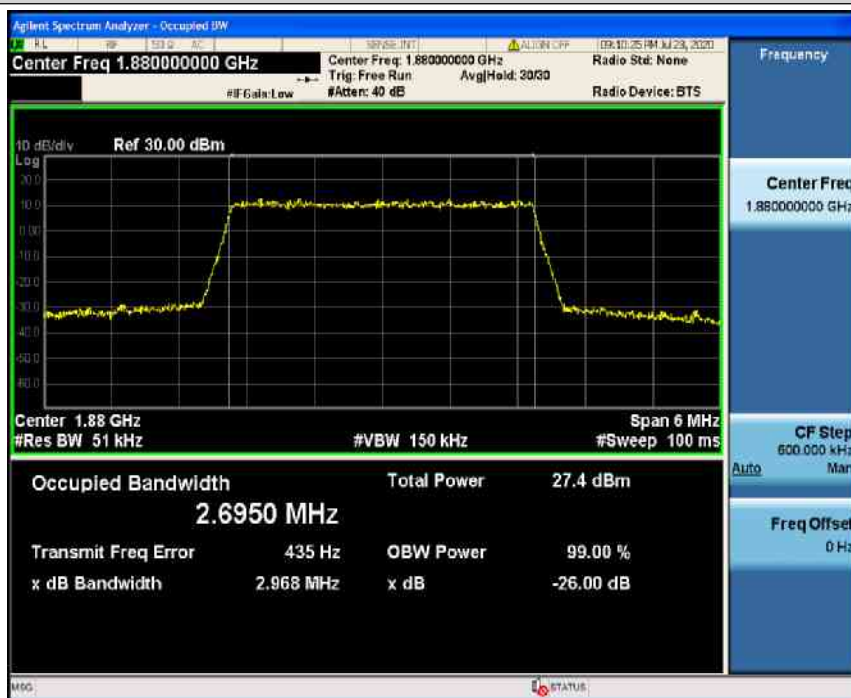




Band2-3MHz-64QAM-18615-15RB#0-2.6919

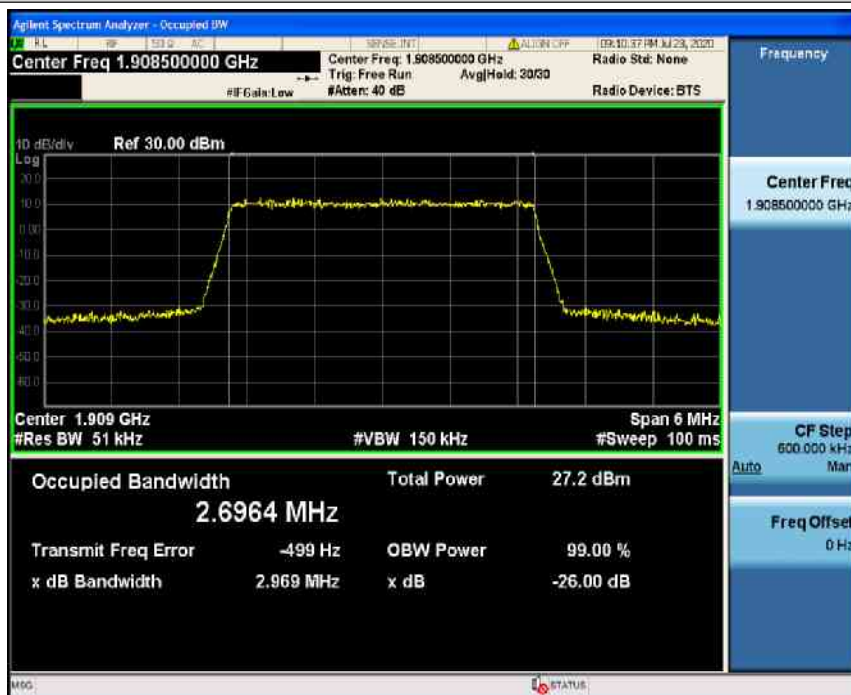


Band2-3MHz-64QAM-18900-15RB#0-2.6950

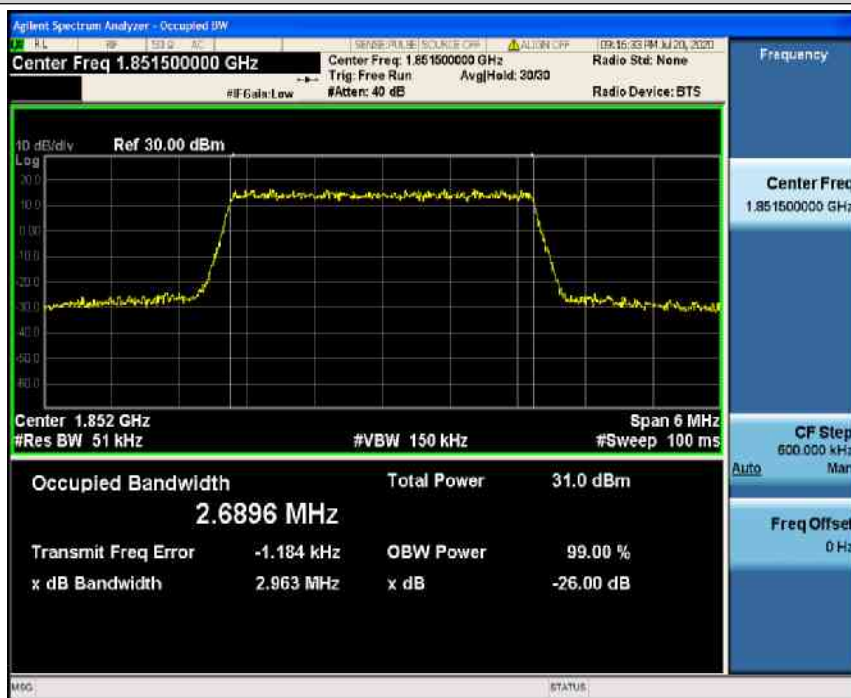




Band2-3MHz-64QAM-19185-15RB#0-2.6964



Band2-3MHz-16QAM-18615-15RB#0-2.6896



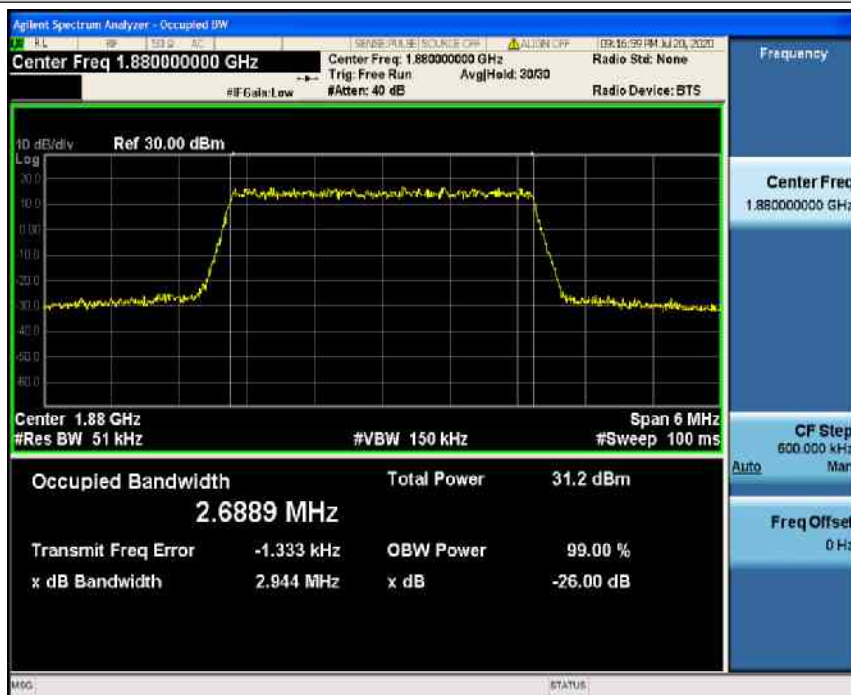
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

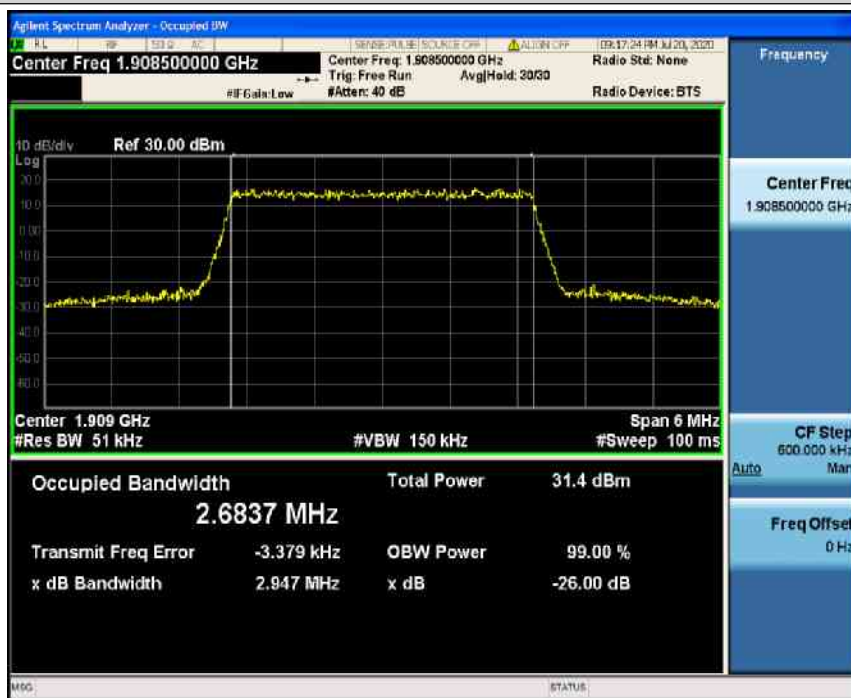
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band2-3MHz-16QAM-18900-15RB#0-2.6889



Band2-3MHz-16QAM-19185-15RB#0-2.6837



Band2-5MHz-QPSK-18625-25RB#0-4.4731

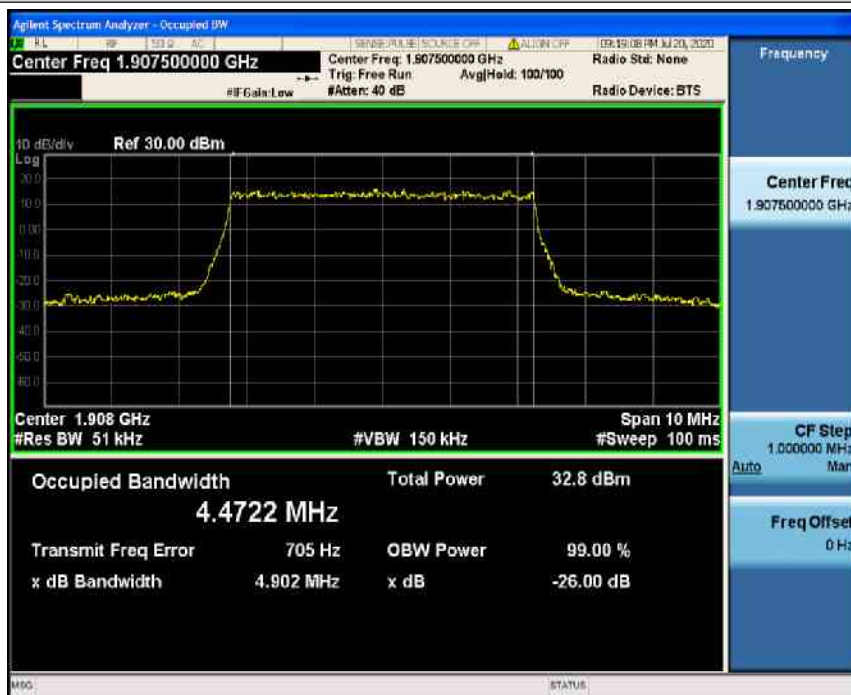


Band2-5MHz-QPSK-18900-25RB#0-4.4732

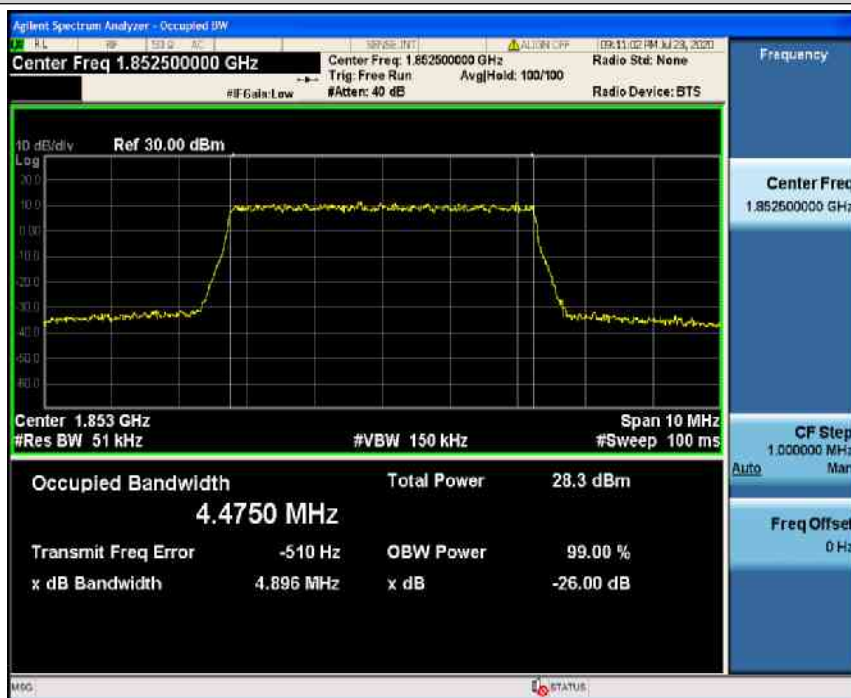




Band2-5MHz-QPSK-19175-25RB#0-4.4722



Band2-5MHz-64QAM-18625-25RB#0-4.4750



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



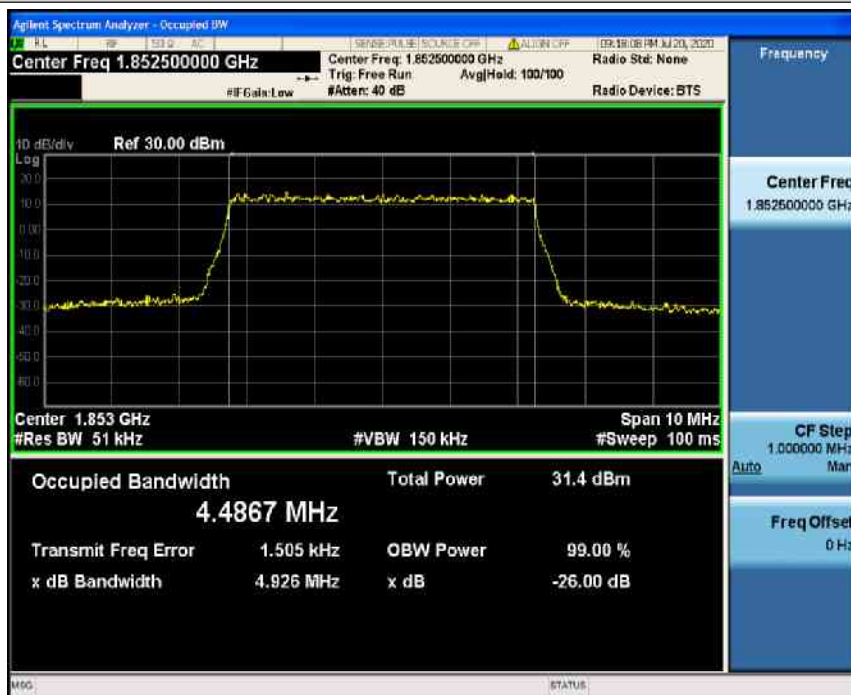
Band2-5MHz-64QAM-18900-25RB#0-4.4768



Band2-5MHz-64QAM-19175-25RB#0-4.4735



Band2-5MHz-16QAM-18625-25RB#0-4.4867



Band2-5MHz-16QAM-18900-25RB#0-4.4861

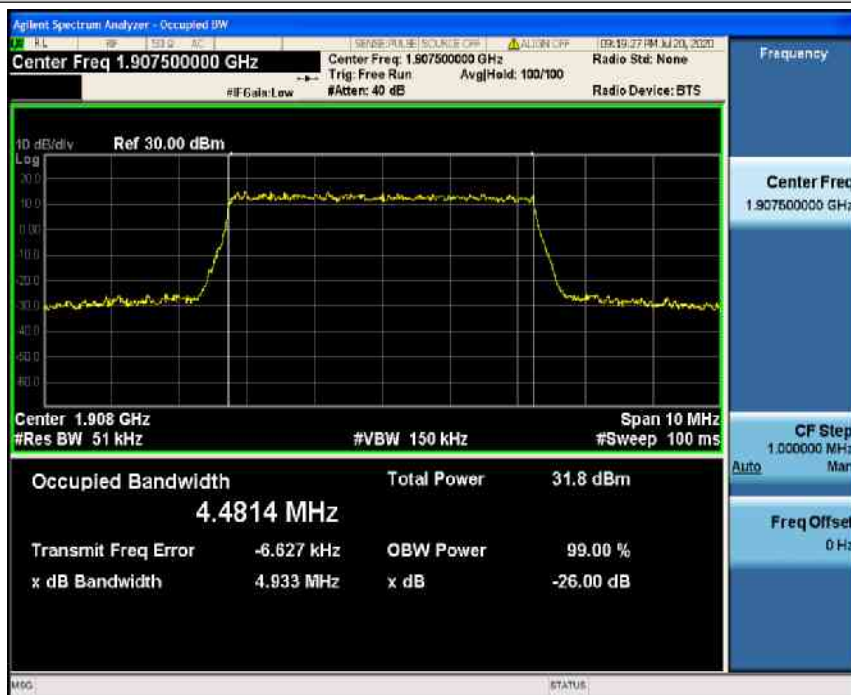


Unless otherwise agreed in writing this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 deemed to have accepted the contractual conditions, terms and conditions of service, and the General Conditions of Service and the Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not generate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is strictly prohibited and may result in severe civil or criminal penalties. If not 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.

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
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



Band2-5MHz-16QAM-19175-25RB#0-4.4814

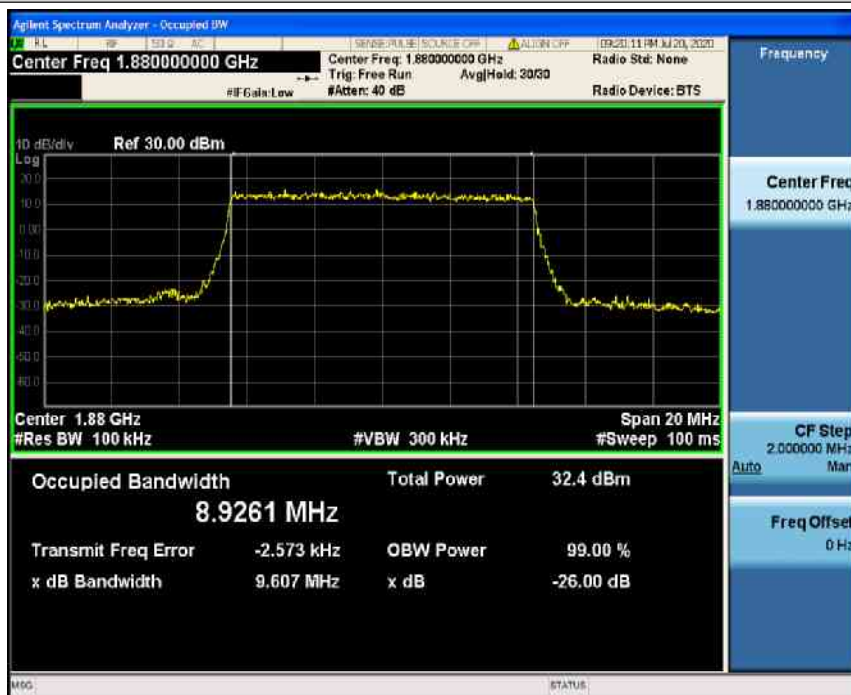


Band2-10MHz-QPSK-18650-50RB#0-8.9169





Band2-10MHz-QPSK-18900-50RB#0-8.9261



Band2-10MHz-QPSK-19150-50RB#0-8.9301





Band2-10MHz-64QAM-18650-50RB#0-8.9290



Band2-10MHz-64QAM-18900-50RB#0-8.9297





Band2-10MHz-64QAM-19150-50RB#0-8.9315



Band2-10MHz-16QAM-18650-50RB#0-8.9292





Band2-10MHz-16QAM-18900-50RB#0-8.9147

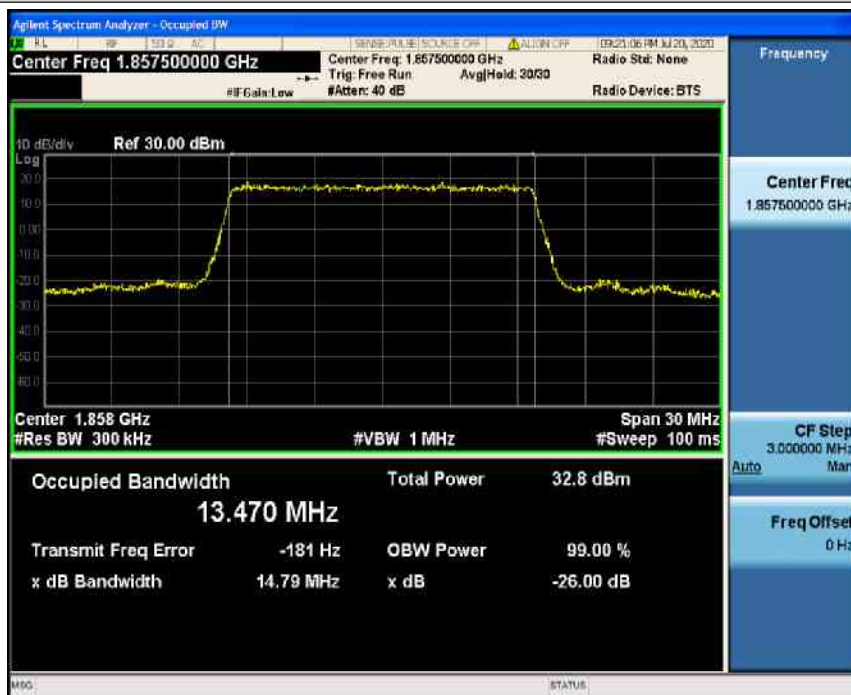


Band2-10MHz-16QAM-19150-50RB#0-8.9232

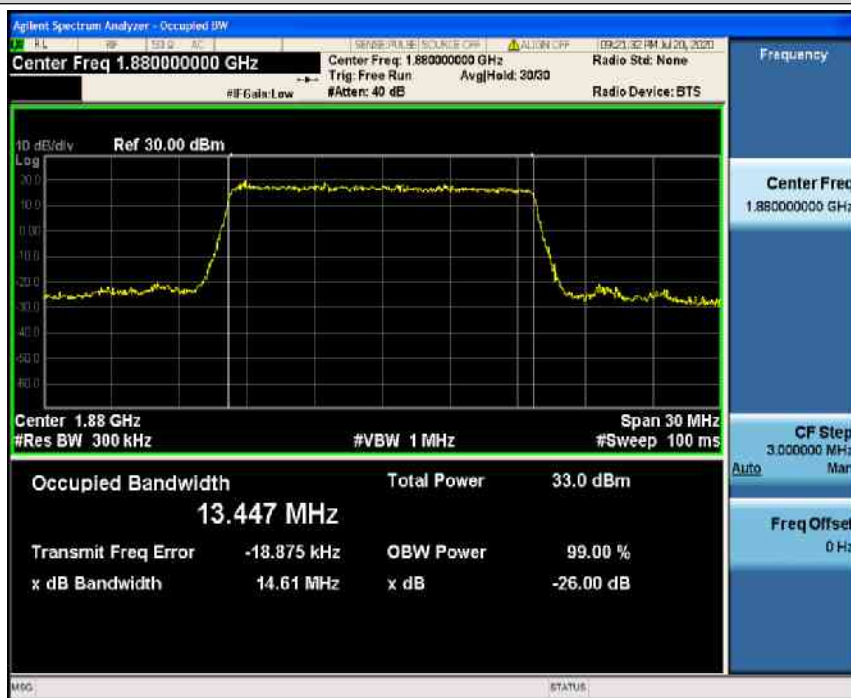




Band2-15MHz-QPSK-18675-75RB#0-13.470

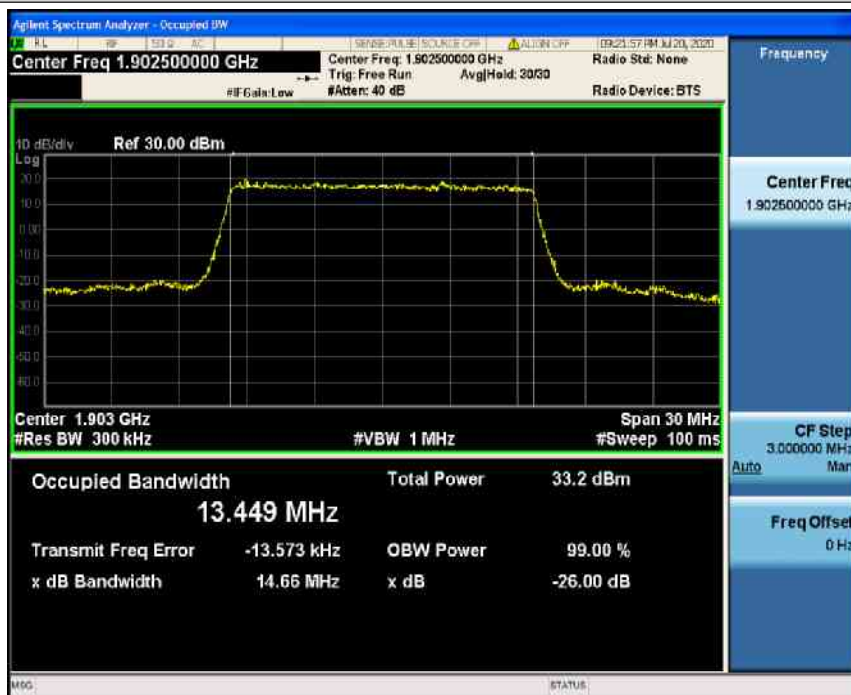


Band2-15MHz-QPSK-18900-75RB#0-13.447

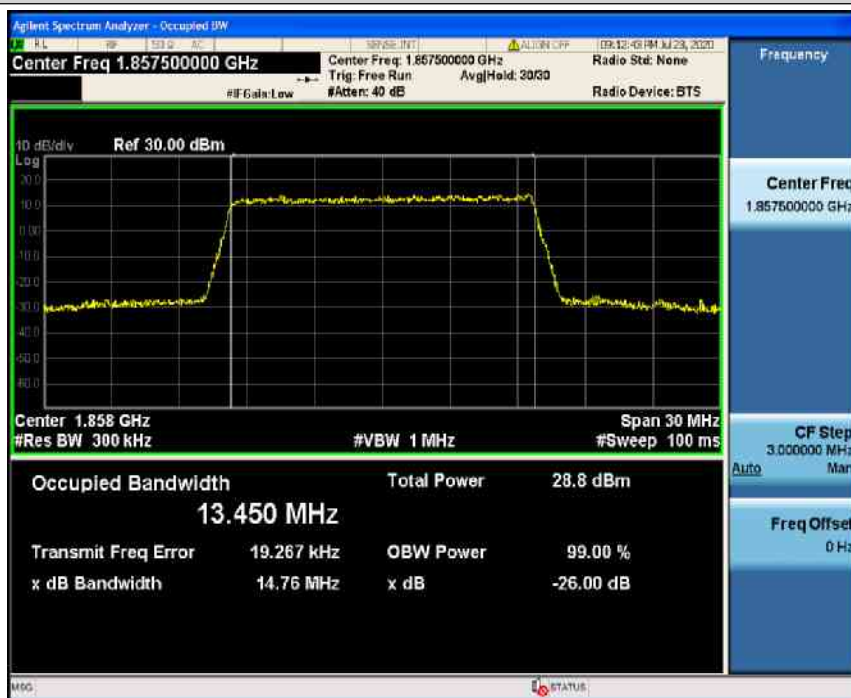




Band2-15MHz-QPSK-19125-75RB#0-13.449



Band2-15MHz-64QAM-18675-75RB#0-13.450





Band2-15MHz-64QAM-18900-75RB#0-13.461

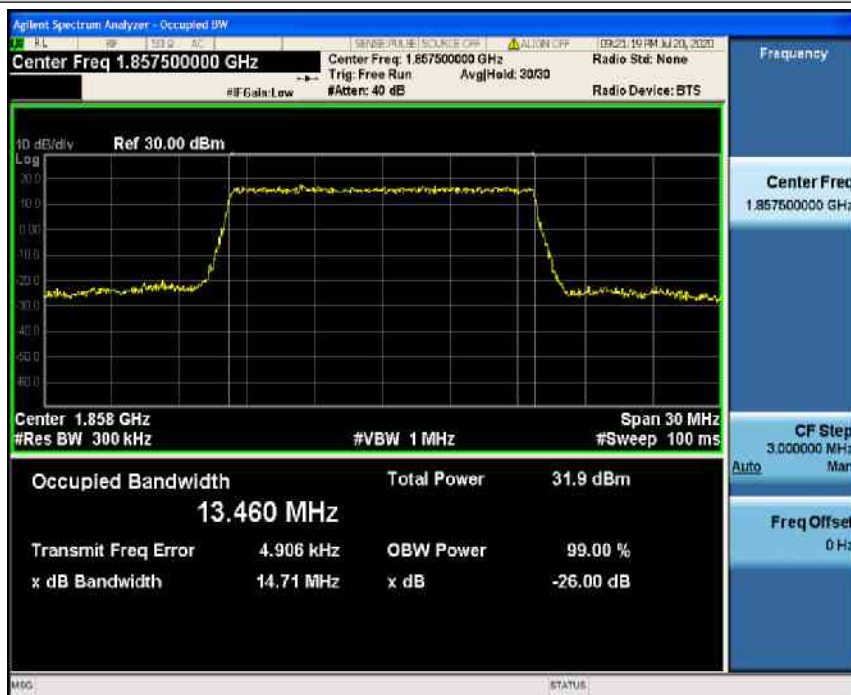


Band2-15MHz-64QAM-19125-75RB#0-13.453





Band2-15MHz-16QAM-18675-75RB#0-13.460

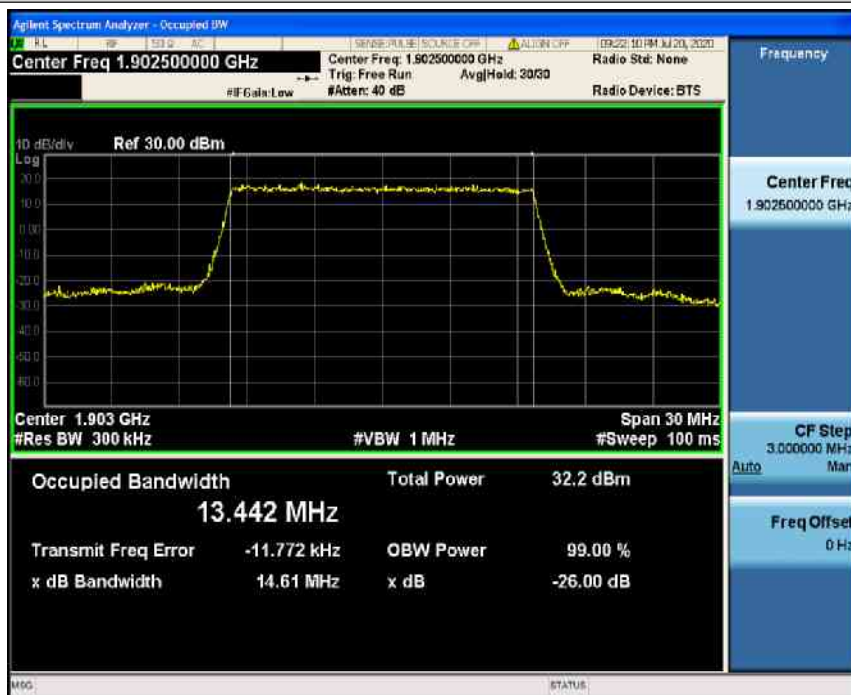


Band2-15MHz-16QAM-18900-75RB#0-13.438





Band2-15MHz-16QAM-19125-75RB#0-13.442



Band2-20MHz-QPSK-18700-100RB#0-17.895





Band2-20MHz-QPSK-18900-100RB#0-17.903

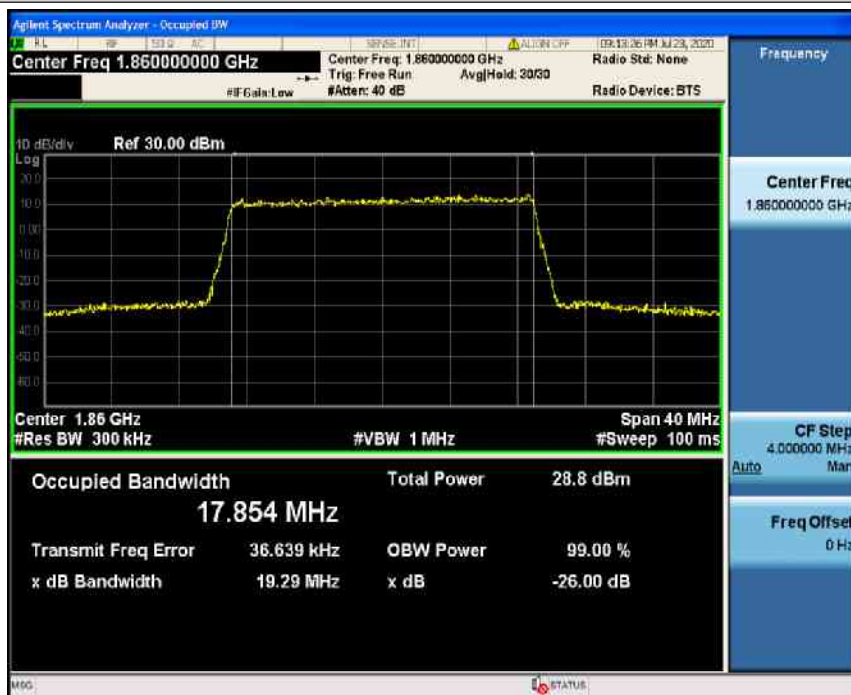


Band2-20MHz-QPSK-19100-100RB#0-17.907

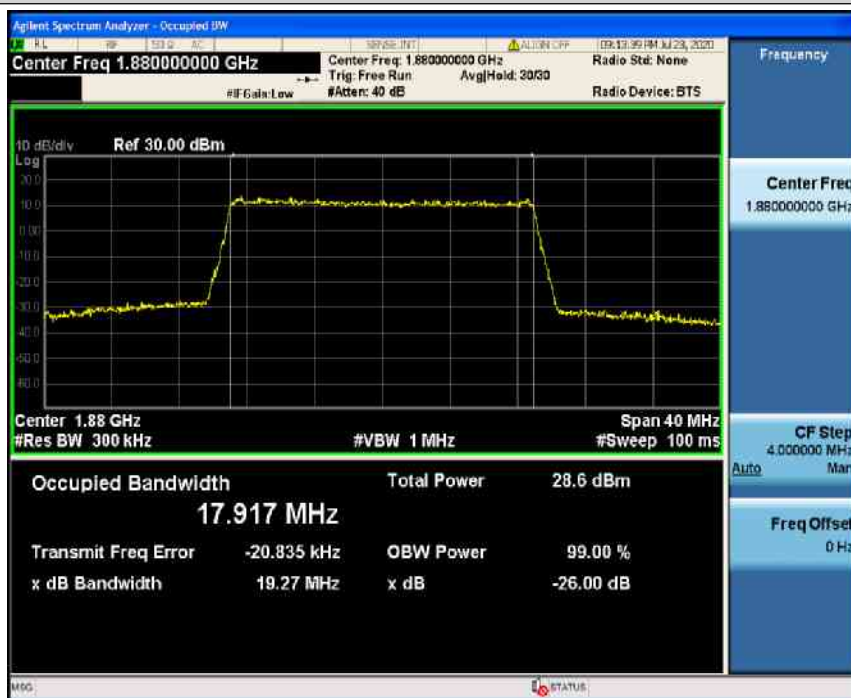




Band2-20MHz-64QAM-18700-100RB#0-17.854



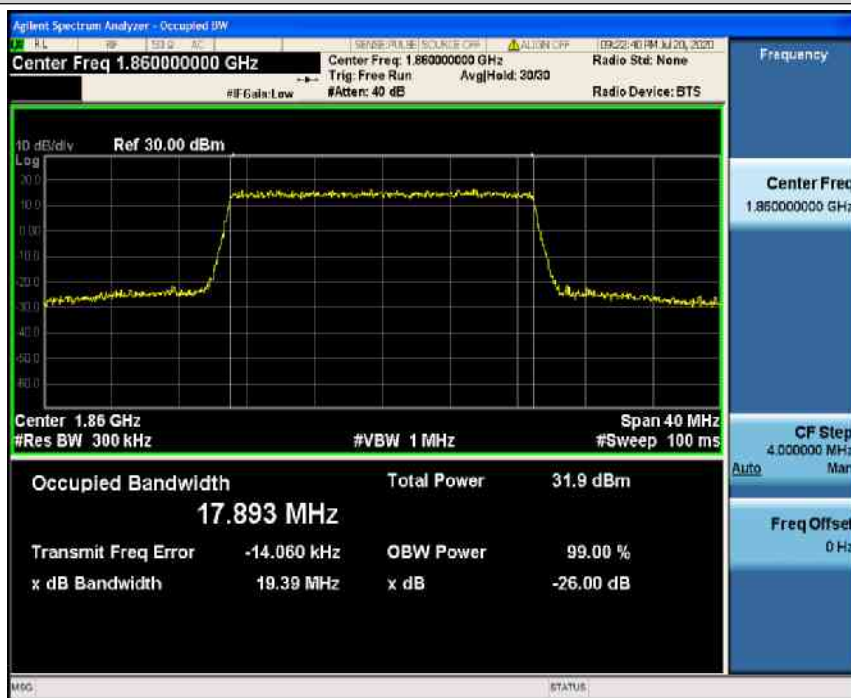
Band2-20MHz-64QAM-18900-100RB#0-17.917



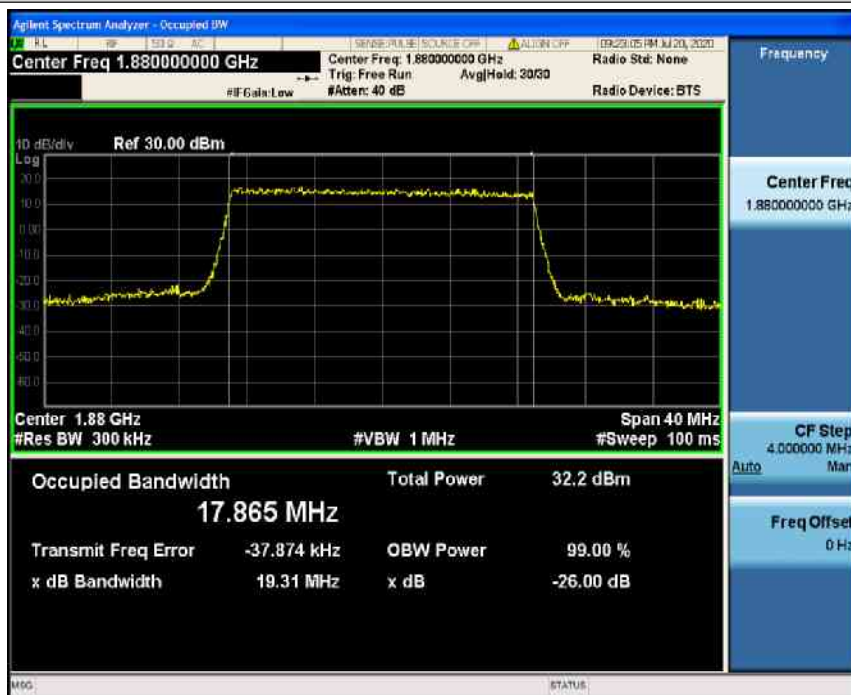
Band2-20MHz-64QAM-19100-100RB#0-17.879



Band2-20MHz-16QAM-18700-100RB#0-17.893



Band2-20MHz-16QAM-18900-100RB#0-17.865



Band2-20MHz-16QAM-19100-100RB#0-17.880



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



5. Band Edge Compliance

5.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-21.16	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-26.14	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-20.27	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-24.93	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	-25.57	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	-29.90	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	-24.62	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	-31.47	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-21.72	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-26.15	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-21.09	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-26.20	PASS
Band2	3MHz	QPSK	18615	1RB#0	-20.81	PASS
Band2	3MHz	QPSK	18615	15RB#0	-27.57	PASS
Band2	3MHz	QPSK	19185	1RB#14	-19.65	PASS
Band2	3MHz	QPSK	19185	15RB#0	-25.89	PASS
Band2	3MHz	64QAM	18615	1RB#0	-23.96	PASS
Band2	3MHz	64QAM	18615	15RB#0	-31.39	PASS
Band2	3MHz	64QAM	19185	1RB#14	-24.28	PASS
Band2	3MHz	64QAM	19185	15RB#0	-31.74	PASS
Band2	3MHz	16QAM	18615	1RB#0	-19.97	PASS
Band2	3MHz	16QAM	18615	15RB#0	-28.71	PASS
Band2	3MHz	16QAM	19185	1RB#14	-20.80	PASS
Band2	3MHz	16QAM	19185	15RB#0	-27.93	PASS
Band2	5MHz	QPSK	18625	1RB#0	-21.29	PASS
Band2	5MHz	QPSK	18625	25RB#0	-27.68	PASS
Band2	5MHz	QPSK	19175	1RB#24	-21.17	PASS
Band2	5MHz	QPSK	19175	25RB#0	-27.13	PASS
Band2	5MHz	64QAM	18625	1RB#0	-24.05	PASS
Band2	5MHz	64QAM	18625	25RB#0	-31.44	PASS
Band2	5MHz	64QAM	19175	1RB#24	-23.88	PASS
Band2	5MHz	64QAM	19175	25RB#0	-32.11	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



Band2	5MHz	16QAM	18625	1RB#0	-21.21	PASS
Band2	5MHz	16QAM	18625	25RB#0	-28.57	PASS
Band2	5MHz	16QAM	19175	1RB#24	-20.98	PASS
Band2	5MHz	16QAM	19175	25RB#0	-28.32	PASS
Band2	10MHz	QPSK	18650	1RB#0	-30.65	PASS
Band2	10MHz	QPSK	18650	50RB#0	-29.04	PASS
Band2	10MHz	QPSK	19150	1RB#49	-30.29	PASS
Band2	10MHz	QPSK	19150	50RB#0	-28.42	PASS
Band2	10MHz	64QAM	18650	1RB#0	-33.81	PASS
Band2	10MHz	64QAM	18650	50RB#0	-35.01	PASS
Band2	10MHz	64QAM	19150	1RB#49	-34.40	PASS
Band2	10MHz	64QAM	19150	50RB#0	-36.27	PASS
Band2	10MHz	16QAM	18650	1RB#0	-30.83	PASS
Band2	10MHz	16QAM	18650	50RB#0	-31.22	PASS
Band2	10MHz	16QAM	19150	1RB#49	-31.36	PASS
Band2	10MHz	16QAM	19150	50RB#0	-30.94	PASS
Band2	15MHz	QPSK	18675	1RB#0	-24.73	PASS
Band2	15MHz	QPSK	18675	75RB#0	-29.33	PASS
Band2	15MHz	QPSK	19125	1RB#74	-24.53	PASS
Band2	15MHz	QPSK	19125	75RB#0	-28.92	PASS
Band2	15MHz	64QAM	18675	1RB#0	-28.09	PASS
Band2	15MHz	64QAM	18675	75RB#0	-35.67	PASS
Band2	15MHz	64QAM	19125	1RB#74	-27.71	PASS
Band2	15MHz	64QAM	19125	75RB#0	-38.03	PASS
Band2	15MHz	16QAM	18675	1RB#0	-26.06	PASS
Band2	15MHz	16QAM	18675	75RB#0	-31.70	PASS
Band2	15MHz	16QAM	19125	1RB#74	-24.51	PASS
Band2	15MHz	16QAM	19125	75RB#0	-31.41	PASS
Band2	20MHz	QPSK	18700	1RB#0	-26.54	PASS
Band2	20MHz	QPSK	18700	100RB#0	-28.52	PASS
Band2	20MHz	QPSK	19100	1RB#99	-26.30	PASS
Band2	20MHz	QPSK	19100	100RB#0	-29.15	PASS
Band2	20MHz	64QAM	18700	1RB#0	-29.65	PASS
Band2	20MHz	64QAM	18700	100RB#0	-35.86	PASS
Band2	20MHz	64QAM	19100	1RB#99	-30.11	PASS
Band2	20MHz	64QAM	19100	100RB#0	-39.18	PASS
Band2	20MHz	16QAM	18700	1RB#0	-26.67	PASS
Band2	20MHz	16QAM	18700	100RB#0	-31.31	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) Testing 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



Band2	20MHz	16QAM	19100	1RB#99	-27.66	PASS
Band2	20MHz	16QAM	19100	100RB#0	-32.48	PASS

5.2. Test Plots

Band2-1.4MHz-QPSK-18607-1RB#0





Band2-1.4MHz-QPSK-18607-6RB#0



Band2-1.4MHz-QPSK-19193-1RB#5





Band2-1.4MHz-QPSK-19193-6RB#0



Band2-1.4MHz-64QAM-18607-1RB#0





Band2-1.4MHz-64QAM-18607-6RB#0



Band2-1.4MHz-64QAM-19193-1RB#5





Band2-1.4MHz-64QAM-19193-6RB#0



Band2-1.4MHz-16QAM-18607-1RB#0



Band2-1.4MHz-16QAM-18607-6RB#0



Band2-1.4MHz-16QAM-19193-1RB#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
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



Band2-1.4MHz-16QAM-19193-6RB#0



Band2-3MHz-QPSK-18615-1RB#0



Band2-3MHz-QPSK-18615-15RB#0



Band2-3MHz-QPSK-19185-1RB#14





Band2-3MHz-QPSK-19185-15RB#0



Band2-3MHz-64QAM-18615-1RB#0





Band2-3MHz-64QAM-18615-15RB#0



Band2-3MHz-64QAM-19185-1RB#14





Band2-3MHz-64QAM-19185-15RB#0



Band2-3MHz-16QAM-18615-1RB#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
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



Band2-3MHz-16QAM-18615-15RB#0



Band2-3MHz-16QAM-19185-1RB#14





Band2-3MHz-16QAM-19185-15RB#0



Band2-5MHz-QPSK-18625-1RB#0





Band2-5MHz-QPSK-18625-25RB#0



Band2-5MHz-QPSK-19175-1RB#24





Band2-5MHz-QPSK-19175-25RB#0



Band2-5MHz-64QAM-18625-1RB#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
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



Band2-5MHz-64QAM-18625-25RB#0



Band2-5MHz-64QAM-19175-1RB#24





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



Band2-5MHz-64QAM-19175-25RB#0



Band2-5MHz-16QAM-18625-1RB#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
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



Band2-5MHz-16QAM-18625-25RB#0



Band2-5MHz-16QAM-19175-1RB#24





Band2-5MHz-16QAM-19175-25RB#0



Band2-10MHz-QPSK-18650-1RB#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 and 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



Band2-10MHz-QPSK-18650-50RB#0



Band2-10MHz-QPSK-19150-1RB#49





Band2-10MHz-QPSK-19150-50RB#0



Band2-10MHz-64QAM-18650-1RB#0



Band2-10MHz-64QAM-18650-50RB#0



Band2-10MHz-64QAM-19150-1RB#49





Band2-10MHz-64QAM-19150-50RB#0



Band2-10MHz-16QAM-18650-1RB#0





Band2-10MHz-16QAM-18650-50RB#0



Band2-10MHz-16QAM-19150-1RB#49



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.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

Member of the SGS Group (SGS SA)



Band2-10MHz-16QAM-19150-50RB#0



Band2-15MHz-QPSK-18675-1RB#0





Band2-15MHz-QPSK-18675-75RB#0



Band2-15MHz-QPSK-19125-1RB#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, Testing Center, CCC 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



Band2-15MHz-QPSK-19125-75RB#0



Band2-15MHz-64QAM-18675-1RB#0





Band2-15MHz-64QAM-18675-75RB#0



Band2-15MHz-64QAM-19125-1RB#74





Band2-15MHz-64QAM-19125-75RB#0



Band2-15MHz-16QAM-18675-1RB#0





Band2-15MHz-16QAM-18675-75RB#0



Band2-15MHz-16QAM-19125-1RB#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
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



Band2-15MHz-16QAM-19125-75RB#0



Band2-20MHz-QPSK-18700-1RB#0





Band2-20MHz-QPSK-18700-100RB#0



Band2-20MHz-QPSK-19100-1RB#99





Band2-20MHz-QPSK-19100-100RB#0



Band2-20MHz-64QAM-18700-1RB#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
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



Band2-20MHz-64QAM-18700-100RB#0



Band2-20MHz-64QAM-19100-1RB#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, 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.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



Band2-20MHz-64QAM-19100-100RB#0



Band2-20MHz-16QAM-18700-1RB#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
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



Band2-20MHz-16QAM-18700-100RB#0



Band2-20MHz-16QAM-19100-1RB#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

Member of the SGS Group (SGS SA)



Band2-20MHz-16QAM-19100-100RB#0

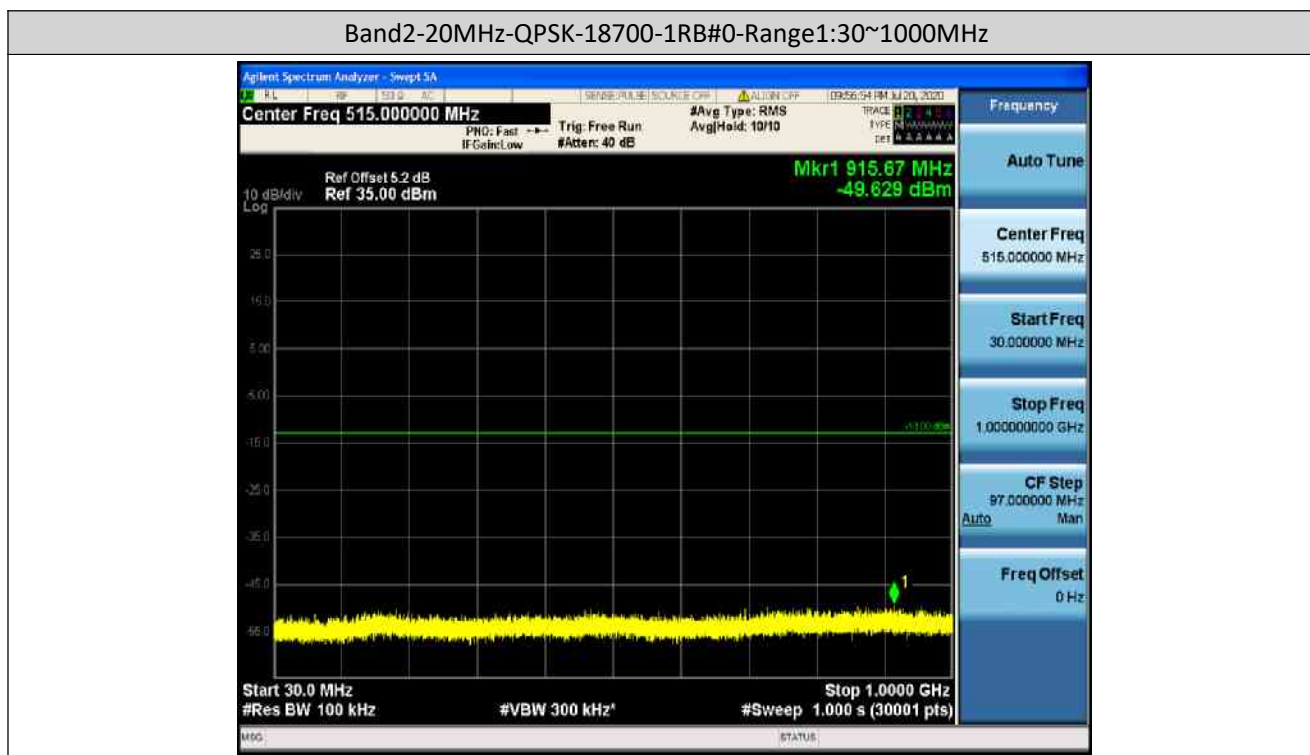


6. Spurious Emission at Antenna Terminal

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



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

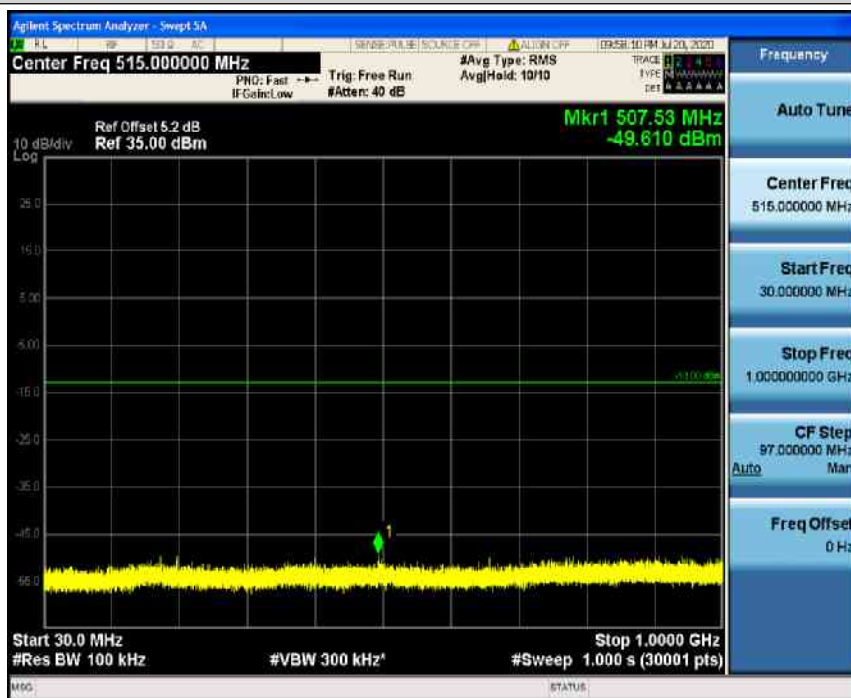
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz



Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz





Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz

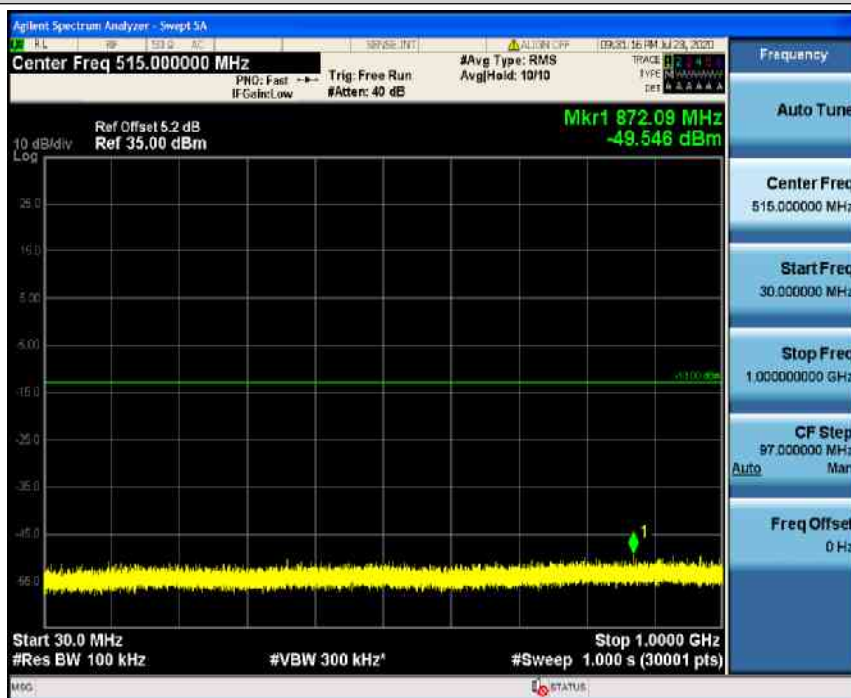




Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz



Band2-20MHz-64QAM-18700-1RB#0-Range1:30~1000MHz

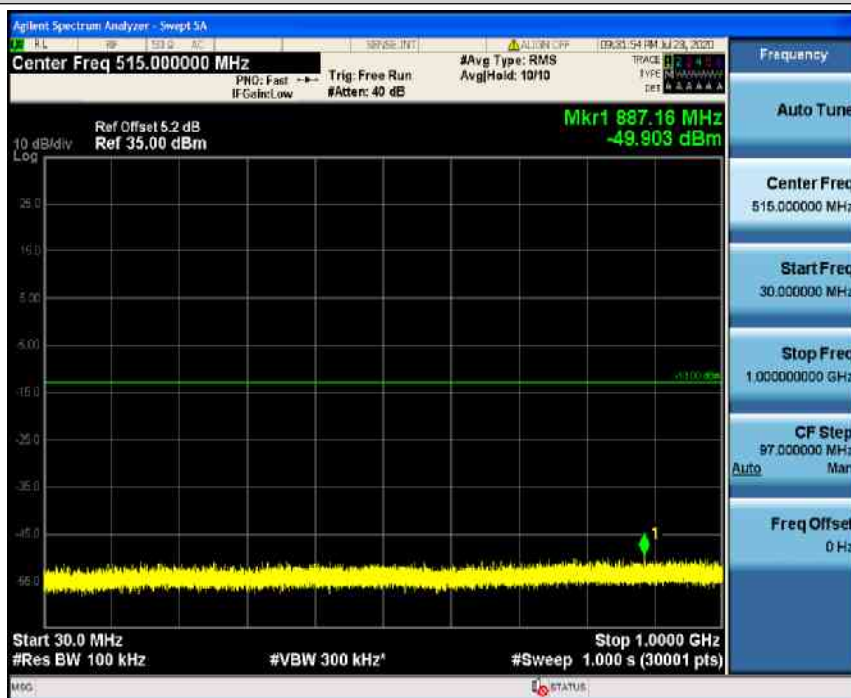




Band2-20MHz-64QAM-18700-1RB#0-Range2:1000~20000MHz



Band2-20MHz-64QAM-18900-1RB#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

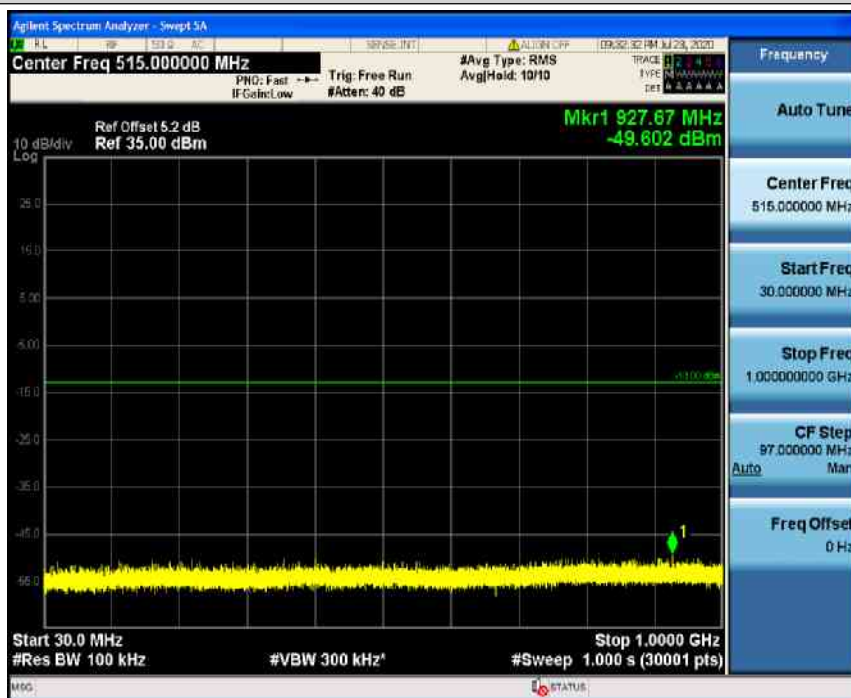
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band2-20MHz-64QAM-18900-1RB#0-Range2:1000~20000MHz



Band2-20MHz-64QAM-19100-1RB#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
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.sgs.com.cn
sgs.china@sgs.com



Band2-20MHz-64QAM-19100-1RB#0-Range2:1000~20000MHz



Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz





Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~20000MHz



Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz





Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz



Band2-20MHz-16QAM-19100-1RB#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.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

Member of the SGS Group (SGS SA)

Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~20000MHz



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed online, available on request or accessible at <http://www.sas.com/en/Terms-and-Conditions.aspx>, and, for electronic format documents, subject to its Terms and Conditions for Electronic Documents at <http://www.sas.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 exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or integrity of this document will render it null and void and may be treated as fraudulent and a criminal offence. 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.

Results shown in this test report are only for the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing inspection report and certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doecheck@sqs.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 sqs.china@sqs.com



7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
110.9505	-65.66	-13.00	52.66	Vertical
343.3257	-68.73	-13.00	55.73	Vertical
3702.0234	-49.75	-13.00	36.75	Vertical
5553.0851	-54.94	-13.00	41.94	Vertical
7404.1468	-45.91	-13.00	32.91	Vertical
9255.7085	-50.27	-13.00	37.27	Vertical
42.4166	-64.54	-13.00	51.54	Horizontal
101.5411	-75.47	-13.00	62.47	Horizontal
242.8771	-68.55	-13.00	55.55	Horizontal
3702.0234	-49.85	-13.00	36.85	Horizontal
5553.0851	-55.08	-13.00	42.08	Horizontal
7404.1468	-52.77	-13.00	39.77	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
54.4937	-72.50	-13.00	59.50	Vertical
109.8835	-65.33	-13.00	52.33	Vertical
603.4442	-62.91	-13.00	49.91	Vertical
3742.0247	-51.30	-13.00	38.30	Vertical
5613.0871	-55.39	-13.00	42.39	Vertical
7484.1495	-47.82	-13.00	34.82	Vertical
40.9615	-64.47	-13.00	51.47	Horizontal
231.1396	-68.69	-13.00	55.69	Horizontal
3742.0247	-52.95	-13.00	39.95	Horizontal
5613.0871	-57.97	-13.00	44.97	Horizontal
7484.6495	-54.35	-13.00	41.35	Horizontal
16395.4465	-43.66	-13.00	30.66	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 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.sgsgroup.com.cn
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
47.2669	-72.22	-13.00	59.22	Vertical
112.9876	-65.31	-13.00	52.31	Vertical
378.5869	-68.48	-13.00	55.48	Vertical
3782.0261	-51.11	-13.00	38.11	Vertical
5673.5891	-56.45	-13.00	43.45	Vertical
7564.1521	-50.13	-13.00	37.13	Vertical
42.2226	-64.43	-13.00	51.43	Horizontal
235.4078	-67.92	-13.00	54.92	Horizontal
500.2310	-66.04	-13.00	53.04	Horizontal
3782.0261	-49.32	-13.00	36.32	Horizontal
5673.0891	-57.21	-13.00	44.21	Horizontal
16393.9465	-43.48	-13.00	30.48	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.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.





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
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	-1.90	-0.001022	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	-2.50	-0.001344	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	-0.90	-0.000484	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	2.70	0.001436	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	1.90	0.001011	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	2.60	0.001383	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-1.90	-0.001000	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-2.70	-0.001421	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-4.10	-0.002158	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VL	NT	1.80	0.000968	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VN	NT	3.60	0.001935	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VH	NT	1.00	0.000538	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VL	NT	3.50	0.001862	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VN	NT	2.90	0.001543	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VH	NT	3.40	0.001809	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VL	NT	-3.00	-0.001579	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VN	NT	-0.30	-0.000158	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VH	NT	-0.30	-0.000158	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	-0.70	-0.000376	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	-0.30	-0.000161	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	5.20	0.002796	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	2.40	0.001277	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	1.40	0.000745	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	1.90	0.001011	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-2.90	-0.001526	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-1.20	-0.000632	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-2.30	-0.001211	±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-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, Inspection & Testing Services 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



8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	2.00	0.001075	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	4.10	0.002204	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	3.75	0.002016	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	1.50	0.000806	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	3.50	0.001882	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	5.70	0.003065	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	-2.60	-0.001398	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	-0.30	-0.000161	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	5.40	0.002903	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	2.40	0.001277	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	3.00	0.001596	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	4.20	0.002234	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	0.50	0.000266	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	3.80	0.002021	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	4.60	0.002447	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	2.20	0.001170	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	0.10	0.000053	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	2.90	0.001543	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	0.10	0.000053	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-2.40	-0.001263	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	-3.84	-0.001883	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-0.90	-0.000474	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-2.00	-0.001053	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-3.70	-0.001947	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-2.40	-0.001263	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-2.90	-0.001526	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-2.00	-0.001053	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-30	1.30	0.000699	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-20	3.20	0.001720	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-10	2.76	0.001484	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	0	0.40	0.000215	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	10	2.10	0.001129	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	20	2.30	0.001237	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	30	3.10	0.001667	±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



Band2	20MHz	64QAM	18700	100RB#0	NV	40	3.20	0.001720	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	50	2.80	0.001505	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-30	3.40	0.001809	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-20	0.20	0.000106	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-10	1.98	0.001053	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	0	0.70	0.000372	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	10	1.00	0.000532	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	20	-1.10	-0.000585	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	30	0.70	0.000372	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	40	-0.10	-0.000053	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	50	2.80	0.001489	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-30	-0.70	-0.000368	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-20	-3.30	-0.001737	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-10	-4.52	-0.002379	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	0	-2.90	-0.001526	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	10	-3.60	-0.001895	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	20	-1.90	-0.001000	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	30	-3.70	-0.001947	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	40	-1.50	-0.000789	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	50	-1.80	-0.000947	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	-1.00	-0.000538	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	-2.20	-0.001183	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-10	-2.28	-0.001226	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	1.10	0.000591	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	-1.80	-0.000968	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	0.20	0.000108	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	1.60	0.000860	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	1.60	0.000860	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	-1.70	-0.000914	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	2.60	0.001383	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	1.00	0.000532	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	1.33	0.000707	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	0.00	0.000000	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	3.40	0.001809	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	2.60	0.001383	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	1.40	0.000745	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	4.00	0.002128	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	3.30	0.001755	±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



Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-1.60	-0.000842	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-1.20	-0.000632	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-10	-2.66	-0.001400	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-3.30	-0.001737	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-2.70	-0.001421	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-1.50	-0.000789	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-1.60	-0.000842	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	-4.00	-0.002105	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-3.70	-0.001947	±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