



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-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



CONTENT

1	EFFECTIVE (ISOTROPIC) RADIATED POWER	4
1.1.	TEST RESULT	4
2.	PEAK-TO-AVERAGE RATIO (CCDF)	26
2.1.	TEST RESULT	26
2.2.	TEST PLOTS.....	26
3.	MODULATION CHARACTERISTICS	31
3.1.	TEST MODE = LTE /TM1 20MHZ.....	31
3.1.1.	TEST CHANNEL = MCH.....	31
3.2.	TEST MODE = LTE /TM2 20MHZ.....	32
3.2.1.	TEST CHANNEL = MCH.....	32
3.3.	TEST MODE = LTE /TM3 20MHZ.....	33
3.3.1.	TEST CHANNEL = MCH.....	33
4.	26DB BANDWIDTH AND OCCUPIED BANDWIDTH	34
4.1.	TEST RESULT	34
4.2.	TEST PLOTS.....	36
5.	BAND EDGE COMPLIANCE	63
5.1.	TEST PLOTS.....	63
6.	SPURIOUS EMISSION AT ANTENNA TERMINAL	100
6.1.	TEST PLOTS.....	100
7.	FIELD STRENGTH OF SPURIOUS RADIATION.....	110
7.1.	Test Band = LTE_2 _TM1 MAIN	110
7.1.1.	Test Channel = Low Channel	110
7.2.	Test Band = LTE_2 _TM1 MAIN	111
7.2.1.	Test Channel = Low Channel	111
7.3.	Test Band = LTE_2 _TM1 MAIN	112
7.3.1.	Test Channel = Mid Channel	112
7.4.	Test Band = LTE_2 _TM1 MAIN	113
7.4.1.	Test Channel = Mid Channel	113
7.5.	Test Band = LTE_2 _TM1 MAIN	114
7.5.1.	Test Channel = High Channel	114



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



7.6.	Test Band = LTE_2_TM1 MAIN	115
7.6.1.	Test Channel = High Channel	115
7.7.	Test Band = LTE_2_TM1 DIV	116
7.7.1.	Test Channel = Low Channel	116
7.8.	Test Band = LTE_2_TM1 DIV	117
7.8.1.	Test Channel = Low Channel	117
7.9.	Test Band = LTE_2_TM1 DIV	118
7.9.1.	Test Channel = Mid Channel	118
7.10.	Test Band = LTE_2_TM1 DIV	119
7.10.1.	Test Channel = Mid Channel	119
7.11.	Test Band = LTE_2_TM1 DIV	120
7.11.1.	Test Channel = High Channel	120
7.12.	Test Band = LTE_2_TM1 DIV	121
7.12.1.	Test Channel = High Channel	121
8.	FREQUENCY STABILITY	122
8.1.	FREQUENCY VS VOLTAGE	122
8.2.	FREQUENCY VS TEMPERATURE	122



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



1 Effective (Isotropic) Radiated Power

1.1. Test Result

MAIN:

Band	Bandwidth h	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	24.62	24.72	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	24.64	24.74	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	24.58	24.68	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	24.72	24.82	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	24.60	24.70	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	24.69	24.79	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	23.55	23.65	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	24.26	24.36	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	24.44	24.54	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	24.28	24.38	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	24.35	24.45	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	24.27	24.37	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	24.23	24.33	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	23.34	23.44	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	24.10	24.20	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	24.02	24.12	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.75	23.85	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.94	24.04	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	23.86	23.96	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	24.28	24.38	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.97	23.07	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	24.04	24.14	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	24.08	24.18	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	24.18	24.28	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	23.67	23.77	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	23.50	23.60	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	23.57	23.67	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	22.59	22.69	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	23.85	23.95	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	23.83	23.93	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	24.17	24.27	33.00	PASS



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

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

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



Band2	1.4MHz	16QAM	18900	3RB#0	23.32	23.42	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	23.35	23.45	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	23.29	23.39	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	22.35	22.45	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	23.46	23.56	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	23.84	23.94	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	23.48	23.58	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	23.04	23.14	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	22.92	23.02	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	23.01	23.11	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	22.07	22.17	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	22.94	23.04	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	22.98	23.08	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	23.13	23.23	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#0	22.58	22.68	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#1	22.42	22.52	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#3	22.50	22.60	33.00	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	21.54	21.64	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	22.79	22.89	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	22.78	22.88	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	23.09	23.19	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#0	22.22	22.32	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#1	22.29	22.39	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#3	22.22	22.32	33.00	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	21.26	21.36	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	22.38	22.48	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	22.76	22.86	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	22.40	22.50	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#0	21.95	22.05	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#1	21.84	21.94	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#3	21.96	22.06	33.00	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	21.00	21.10	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	24.74	24.84	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	24.78	24.88	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	24.64	24.74	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#0	23.61	23.71	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#4	23.63	23.73	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#7	23.71	23.81	33.00	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.ssgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band2	3MHz	QPSK	18615	15RB#0	23.69	23.79	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	24.31	24.41	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	24.57	24.67	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	24.37	24.47	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#0	23.50	23.60	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#4	23.46	23.56	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#7	23.24	23.34	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	23.47	23.57	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	24.67	24.77	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	24.62	24.72	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	24.47	24.57	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#0	23.48	23.58	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#4	23.60	23.70	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#7	23.38	23.48	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	23.23	23.33	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	23.53	23.63	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	23.86	23.96	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	23.89	23.99	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#0	22.79	22.89	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#4	22.71	22.81	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#7	22.71	22.81	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	22.73	22.83	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	23.79	23.89	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	23.94	24.04	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	23.50	23.60	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#0	22.39	22.49	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#4	22.35	22.45	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#7	22.26	22.36	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	22.30	22.40	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	23.92	24.02	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	23.61	23.71	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	23.46	23.56	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#0	22.55	22.65	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#4	22.69	22.79	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#7	22.57	22.67	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	22.10	22.20	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#0	22.46	22.56	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#8	22.79	22.89	33.00	PASS



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

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

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

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 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	64QAM	18615	1RB#14	22.83	22.93	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#0	21.69	21.79	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#4	21.62	21.72	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#7	21.63	21.73	33.00	PASS
Band2	3MHz	64QAM	18615	15RB#0	21.65	21.75	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#0	22.69	22.79	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#8	22.89	22.99	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#14	22.42	22.52	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#0	21.29	21.39	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#4	21.27	21.37	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#7	21.16	21.26	33.00	PASS
Band2	3MHz	64QAM	18900	15RB#0	21.24	21.34	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#0	22.83	22.93	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#8	22.56	22.66	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#14	22.36	22.46	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#0	21.47	21.57	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#4	21.62	21.72	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#7	21.51	21.61	33.00	PASS
Band2	3MHz	64QAM	19185	15RB#0	21.05	21.15	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	24.72	24.82	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	24.74	24.84	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	24.66	24.76	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#0	23.62	23.72	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#6	23.63	23.73	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#13	23.63	23.73	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	23.69	23.79	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	24.27	24.37	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	24.53	24.63	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	24.41	24.51	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#0	23.46	23.56	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#6	23.42	23.52	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#13	23.26	23.36	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	23.39	23.49	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	24.66	24.76	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	24.63	24.73	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	24.48	24.58	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#0	23.50	23.60	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#6	23.58	23.68	33.00	PASS



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

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

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



Band2	5MHz	QPSK	19175	12RB#13	23.33	23.43	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	23.30	23.40	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	23.55	23.65	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	23.84	23.94	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	23.94	24.04	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#0	22.71	22.81	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#6	22.70	22.80	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#13	22.66	22.76	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	22.65	22.75	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	23.82	23.92	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	23.91	24.01	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	23.51	23.61	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#0	22.45	22.55	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#6	22.41	22.51	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#13	22.30	22.40	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	22.24	22.34	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	23.90	24.00	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	23.58	23.68	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	23.45	23.55	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#0	22.45	22.55	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#6	22.69	22.79	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#13	22.62	22.72	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	22.11	22.21	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#0	22.43	22.53	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#12	22.81	22.91	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#24	22.83	22.93	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#0	21.73	21.83	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#6	21.61	21.71	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#13	21.66	21.76	33.00	PASS
Band2	5MHz	64QAM	18625	25RB#0	21.67	21.77	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#0	22.69	22.79	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#12	22.84	22.94	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#24	22.42	22.52	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#0	21.33	21.43	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#6	21.25	21.35	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#13	21.19	21.29	33.00	PASS
Band2	5MHz	64QAM	18900	25RB#0	21.21	21.31	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#0	22.84	22.94	33.00	PASS



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

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

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

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 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	19175	1RB#12	22.55	22.65	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#24	22.39	22.49	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#0	21.45	21.55	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#6	21.59	21.69	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#13	21.47	21.57	33.00	PASS
Band2	5MHz	64QAM	19175	25RB#0	21.03	21.13	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	24.70	24.80	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	24.76	24.86	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	24.65	24.75	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#0	23.66	23.76	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#12	23.70	23.80	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#25	23.66	23.76	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	23.72	23.82	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	24.30	24.40	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	24.55	24.65	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	24.39	24.49	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#0	23.50	23.60	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#12	23.45	23.55	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#25	23.29	23.39	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	23.39	23.49	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	24.65	24.75	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	24.77	24.87	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	24.51	24.61	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#0	23.50	23.60	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#12	23.60	23.70	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#25	23.32	23.42	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	23.28	23.38	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	23.58	23.68	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	23.86	23.96	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	23.91	24.01	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#0	22.76	22.86	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#12	22.69	22.79	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#25	22.68	22.78	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	22.73	22.83	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	23.78	23.88	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	23.93	24.03	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	23.48	23.58	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#0	22.45	22.55	33.00	PASS



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

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

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



Band2	10MHz	16QAM	18900	25RB#12	22.42	22.52	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#25	22.26	22.36	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	22.26	22.36	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	23.87	23.97	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	23.57	23.67	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	23.42	23.52	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#0	22.55	22.65	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#12	22.74	22.84	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#25	22.54	22.64	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	22.07	22.17	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#0	22.47	22.57	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#24	22.78	22.88	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#49	22.81	22.91	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#0	21.71	21.81	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#12	21.61	21.71	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#25	21.61	21.71	33.00	PASS
Band2	10MHz	64QAM	18650	50RB#0	21.67	21.77	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#0	22.70	22.80	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#24	22.84	22.94	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#49	22.45	22.55	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#0	21.32	21.42	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#12	21.25	21.35	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#25	21.20	21.30	33.00	PASS
Band2	10MHz	64QAM	18900	50RB#0	21.25	21.35	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#0	22.87	22.97	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#24	22.53	22.63	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#49	22.38	22.48	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#0	21.46	21.56	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#12	21.61	21.71	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#25	21.48	21.58	33.00	PASS
Band2	10MHz	64QAM	19150	50RB#0	21.01	21.11	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	24.71	24.81	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	24.73	24.83	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	24.69	24.79	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#0	23.61	23.71	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#18	23.69	23.79	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#37	23.61	23.71	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	23.70	23.80	33.00	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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 (Shenzhen) 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.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	18900	1RB#0	24.25	24.35	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	24.78	24.88	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	24.43	24.53	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#0	23.46	23.56	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#18	23.47	23.57	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#37	23.28	23.38	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	23.43	23.53	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	24.65	24.75	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	24.58	24.68	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	24.45	24.55	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#0	23.55	23.65	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#18	23.64	23.74	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#37	23.32	23.42	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	23.24	23.34	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	23.61	23.71	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	23.85	23.95	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	23.89	23.99	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#0	22.79	22.89	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#18	22.76	22.86	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#37	22.72	22.82	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	22.70	22.80	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	23.80	23.90	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	23.88	23.98	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	23.47	23.57	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#0	22.42	22.52	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#18	22.42	22.52	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#37	22.32	22.42	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	22.24	22.34	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	23.86	23.96	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	23.57	23.67	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	23.45	23.55	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#0	22.46	22.56	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#18	22.69	22.79	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#37	22.57	22.67	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	22.14	22.24	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#0	22.48	22.58	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#38	22.77	22.87	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#74	22.81	22.91	33.00	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band2	15MHz	64QAM	18675	38RB#0	21.74	21.84	33.00	PASS
Band2	15MHz	64QAM	18675	38RB#18	21.61	21.71	33.00	PASS
Band2	15MHz	64QAM	18675	38RB#37	21.61	21.71	33.00	PASS
Band2	15MHz	64QAM	18675	75RB#0	21.66	21.76	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#0	22.69	22.79	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#38	22.86	22.96	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#74	22.43	22.53	33.00	PASS
Band2	15MHz	64QAM	18900	38RB#0	21.33	21.43	33.00	PASS
Band2	15MHz	64QAM	18900	38RB#18	21.28	21.38	33.00	PASS
Band2	15MHz	64QAM	18900	38RB#37	21.20	21.30	33.00	PASS
Band2	15MHz	64QAM	18900	75RB#0	21.25	21.35	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#0	22.84	22.94	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#38	22.53	22.63	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#74	22.36	22.46	33.00	PASS
Band2	15MHz	64QAM	19125	38RB#0	21.45	21.55	33.00	PASS
Band2	15MHz	64QAM	19125	38RB#18	21.59	21.69	33.00	PASS
Band2	15MHz	64QAM	19125	38RB#37	21.51	21.61	33.00	PASS
Band2	15MHz	64QAM	19125	75RB#0	21.05	21.15	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	24.76	24.86	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	24.79	24.89	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	24.64	24.74	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#0	23.53	23.63	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#25	23.51	23.61	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#50	23.55	23.65	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	23.65	23.75	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	24.24	24.34	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	24.80	24.90	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	24.46	24.56	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#0	23.58	23.68	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#25	23.52	23.62	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#50	23.23	23.33	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	23.39	23.49	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	24.63	24.73	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	24.69	24.79	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	24.44	24.54	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#0	23.49	23.59	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#25	23.57	23.67	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#50	23.35	23.45	33.00	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band2	20MHz	QPSK	19100	100RB#0	23.21	23.31	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	23.58	23.68	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.77	23.87	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	23.85	23.95	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#0	22.69	22.79	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#25	22.70	22.80	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#50	22.69	22.79	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	22.69	22.79	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	23.78	23.88	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	23.88	23.98	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	23.53	23.63	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#0	22.41	22.51	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#25	22.39	22.49	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#50	22.35	22.45	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	22.29	22.39	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	23.92	24.02	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	23.60	23.70	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	23.42	23.52	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#0	22.54	22.64	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#25	22.76	22.86	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#50	22.61	22.71	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	22.11	22.21	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#0	22.46	22.56	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#49	22.78	22.88	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#99	22.82	22.92	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#0	21.71	21.81	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#25	21.64	21.74	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#50	21.61	21.71	33.00	PASS
Band2	20MHz	64QAM	18700	100RB#0	21.68	21.78	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#0	22.70	22.80	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#49	22.88	22.98	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#99	22.41	22.51	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#0	21.32	21.42	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#25	21.28	21.38	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#50	21.21	21.31	33.00	PASS
Band2	20MHz	64QAM	18900	100RB#0	21.23	21.33	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#0	22.84	22.94	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#49	22.53	22.63	33.00	PASS





Band2	20MHz	64QAM	19100	1RB#99	22.37	22.47	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#0	21.46	21.56	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#25	21.63	21.73	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#50	21.47	21.57	33.00	PASS
Band2	20MHz	64QAM	19100	100RB#0	21.00	21.10	33.00	PASS





DIV:

Band	Bandwidth h	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	21.00	20.80	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	21.13	20.93	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	21.12	20.92	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	20.97	20.77	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	21.05	20.85	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	21.13	20.93	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	21.12	20.92	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	21.36	21.16	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	21.41	21.21	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	21.24	21.04	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	21.32	21.12	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	21.14	20.94	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	21.15	20.95	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	20.95	20.75	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	21.62	21.42	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	21.31	21.11	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	21.32	21.12	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	21.34	21.14	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	21.32	21.12	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	21.43	21.23	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.25	21.05	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.48	21.28	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	21.49	21.29	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	21.15	20.95	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	21.16	20.96	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	21.20	21.00	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	21.47	21.27	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.25	21.05	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.24	21.04	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	20.97	20.77	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	21.31	21.11	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	21.31	21.11	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	21.24	21.04	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	21.16	20.96	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.31	21.11	33.00	PASS



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



Band2	1.4MHz	16QAM	19193	1RB#0	21.38	21.18	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.31	21.11	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.39	21.19	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.28	21.08	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	21.30	21.10	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	21.23	21.03	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.27	21.07	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	21.38	21.18	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	21.37	21.17	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	21.23	21.03	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#0	21.09	20.89	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#1	21.11	20.91	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#3	21.30	21.10	33.00	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	21.17	20.97	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	21.35	21.15	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	20.89	20.69	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	21.30	21.10	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#0	21.32	21.12	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#1	21.12	20.92	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#3	21.15	20.95	33.00	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	21.32	21.12	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	21.40	21.20	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	21.13	20.93	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	21.18	20.98	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#0	21.02	20.82	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#1	21.31	21.11	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#3	21.02	20.82	33.00	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	21.11	20.91	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	20.97	20.77	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	21.11	20.91	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	21.19	20.99	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#0	21.04	20.84	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#4	21.15	20.95	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#7	21.19	20.99	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	21.03	20.83	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	21.32	21.12	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	21.24	21.04	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	21.22	21.02	33.00	PASS



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

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

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

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 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	QPSK	18900	8RB#0	21.20	21.00	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#4	21.20	21.00	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#7	21.16	20.96	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.05	20.85	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	21.48	21.28	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	21.31	21.11	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	21.30	21.10	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#0	21.31	21.11	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#4	21.45	21.25	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#7	21.47	21.27	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.39	21.19	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.43	21.23	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	21.53	21.33	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	21.24	21.04	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.05	20.85	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.11	20.91	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.36	21.16	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.13	20.93	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	21.30	21.10	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	20.98	20.78	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.27	21.07	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.40	21.20	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.35	21.15	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.22	21.02	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.27	21.07	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.38	21.18	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.26	21.06	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.42	21.22	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.20	21.00	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.39	21.19	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.04	20.84	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.29	21.09	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#0	21.36	21.16	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#8	21.35	21.15	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#14	21.23	21.03	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#0	21.11	20.91	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#4	21.12	20.92	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#7	21.27	21.07	33.00	PASS



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



Band2	3MHz	64QAM	18615	15RB#0	21.19	20.99	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#0	21.36	21.16	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#8	20.89	20.69	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#14	21.27	21.07	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#0	21.32	21.12	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#4	21.12	20.92	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#7	21.15	20.95	33.00	PASS
Band2	3MHz	64QAM	18900	15RB#0	21.37	21.17	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#0	21.43	21.23	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#8	21.10	20.90	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#14	21.16	20.96	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#0	21.05	20.85	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#4	21.28	21.08	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#7	21.02	20.82	33.00	PASS
Band2	3MHz	64QAM	19185	15RB#0	21.09	20.89	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	21.09	20.89	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	21.07	20.87	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	21.15	20.95	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#0	20.93	20.73	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#6	21.14	20.94	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#13	21.20	21.00	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	21.02	20.82	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	21.36	21.16	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	21.33	21.13	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	21.15	20.95	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#0	21.19	20.99	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#6	21.27	21.07	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#13	21.26	21.06	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	20.97	20.77	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	21.57	21.37	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	21.27	21.07	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	21.47	21.27	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#0	21.38	21.18	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#6	21.40	21.20	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#13	21.42	21.22	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.44	21.24	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	21.49	21.29	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	21.58	21.38	33.00	PASS



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



Band2	5MHz	16QAM	18625	1RB#24	21.19	20.99	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#0	20.98	20.78	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.16	20.96	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.41	21.21	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.27	21.07	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	21.37	21.17	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	20.96	20.76	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	21.27	21.07	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.29	21.09	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.23	21.03	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.20	21.00	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.35	21.15	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	21.48	21.28	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	21.22	21.02	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.26	21.06	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.21	21.01	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.31	21.11	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.11	20.91	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.20	21.00	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#0	21.36	21.16	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#12	21.40	21.20	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#24	21.21	21.01	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#0	21.11	20.91	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#6	21.08	20.88	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#13	21.26	21.06	33.00	PASS
Band2	5MHz	64QAM	18625	25RB#0	21.21	21.01	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#0	21.31	21.11	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#12	20.87	20.67	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#24	21.30	21.10	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#0	21.32	21.12	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#6	21.16	20.96	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#13	21.16	20.96	33.00	PASS
Band2	5MHz	64QAM	18900	25RB#0	21.37	21.17	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#0	21.39	21.19	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#12	21.10	20.90	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#24	21.18	20.98	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#0	21.04	20.84	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#6	21.33	21.13	33.00	PASS



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

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

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



Band2	5MHz	64QAM	19175	12RB#13	20.97	20.77	33.00	PASS
Band2	5MHz	64QAM	19175	25RB#0	21.13	20.93	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	21.00	20.80	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	21.19	20.99	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	21.25	21.05	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#0	21.04	20.84	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#12	21.02	20.82	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#25	21.20	21.00	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.01	20.81	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	21.27	21.07	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	21.25	21.05	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	21.06	20.86	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#0	21.19	20.99	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#12	21.26	21.06	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#25	21.24	21.04	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.09	20.89	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	21.63	21.43	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	21.21	21.01	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	21.44	21.24	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#0	21.31	21.11	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#12	21.43	21.23	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#25	21.54	21.34	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.44	21.24	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.48	21.28	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	21.58	21.38	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	21.28	21.08	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.10	20.90	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.21	21.01	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.48	21.28	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.26	21.06	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	21.32	21.12	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	21.07	20.87	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	21.35	21.15	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.36	21.16	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.35	21.15	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.19	20.99	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.33	21.13	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	21.41	21.21	33.00	PASS



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

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

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

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 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	16QAM	19150	1RB#24	21.27	21.07	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.43	21.23	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.15	20.95	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.38	21.18	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.10	20.90	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.21	21.01	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#0	21.39	21.19	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#24	21.38	21.18	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#49	21.25	21.05	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#0	21.09	20.89	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#12	21.12	20.92	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#25	21.29	21.09	33.00	PASS
Band2	10MHz	64QAM	18650	50RB#0	21.19	20.99	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#0	21.31	21.11	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#24	20.87	20.67	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#49	21.25	21.05	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#0	21.33	21.13	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#12	21.13	20.93	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#25	21.15	20.95	33.00	PASS
Band2	10MHz	64QAM	18900	50RB#0	21.32	21.12	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#0	21.40	21.20	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#24	21.10	20.90	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#49	21.21	21.01	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#0	21.05	20.85	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#12	21.33	21.13	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#25	21.02	20.82	33.00	PASS
Band2	10MHz	64QAM	19150	50RB#0	21.11	20.91	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	21.05	20.85	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	20.99	20.79	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	21.24	21.04	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#0	21.03	20.83	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#18	20.97	20.77	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#37	21.10	20.90	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	21.18	20.98	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	21.32	21.12	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	21.24	21.04	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	21.14	20.94	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#0	21.33	21.13	33.00	PASS



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

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

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

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 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	18900	38RB#18	21.14	20.94	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#37	21.31	21.11	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.02	20.82	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	21.57	21.37	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	21.28	21.08	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	21.40	21.20	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#0	21.39	21.19	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#18	21.50	21.30	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#37	21.53	21.33	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.33	21.13	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.44	21.24	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	21.65	21.45	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	21.12	20.92	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#0	21.03	20.83	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#18	21.15	20.95	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#37	21.50	21.30	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.27	21.07	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.35	21.15	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.06	20.86	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	21.27	21.07	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#0	21.25	21.05	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#18	21.26	21.06	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#37	21.19	20.99	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.32	21.12	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.50	21.30	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.27	21.07	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.28	21.08	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#0	21.19	20.99	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#18	21.23	21.03	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#37	21.15	20.95	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.18	20.98	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#0	21.35	21.15	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#38	21.40	21.20	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#74	21.21	21.01	33.00	PASS
Band2	15MHz	64QAM	18675	38RB#0	21.12	20.92	33.00	PASS
Band2	15MHz	64QAM	18675	38RB#18	21.11	20.91	33.00	PASS
Band2	15MHz	64QAM	18675	38RB#37	21.29	21.09	33.00	PASS
Band2	15MHz	64QAM	18675	75RB#0	21.18	20.98	33.00	PASS



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

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

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch (SGS-CSTC) Laboratory
No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 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	64QAM	18900	1RB#0	21.32	21.12	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#38	20.86	20.66	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#74	21.30	21.10	33.00	PASS
Band2	15MHz	64QAM	18900	38RB#0	21.37	21.17	33.00	PASS
Band2	15MHz	64QAM	18900	38RB#18	21.16	20.96	33.00	PASS
Band2	15MHz	64QAM	18900	38RB#37	21.14	20.94	33.00	PASS
Band2	15MHz	64QAM	18900	75RB#0	21.35	21.15	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#0	21.39	21.19	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#38	21.13	20.93	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#74	21.20	21.00	33.00	PASS
Band2	15MHz	64QAM	19125	38RB#0	21.05	20.85	33.00	PASS
Band2	15MHz	64QAM	19125	38RB#18	21.32	21.12	33.00	PASS
Band2	15MHz	64QAM	19125	38RB#37	20.98	20.78	33.00	PASS
Band2	15MHz	64QAM	19125	75RB#0	21.08	20.88	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	21.13	20.93	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	21.05	20.85	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	21.13	20.93	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#0	21.11	20.91	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#25	21.15	20.95	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#50	21.20	21.00	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	21.11	20.91	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	21.66	21.46	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	21.31	21.11	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	21.21	21.01	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#0	21.43	21.23	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#25	21.30	21.10	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#50	21.30	21.10	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	20.96	20.76	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	21.63	21.43	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	21.38	21.18	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	21.48	21.28	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.41	21.21	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#25	21.49	21.29	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#50	21.46	21.26	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.39	21.19	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	21.44	21.24	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	21.45	21.25	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	21.31	21.11	33.00	PASS



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



Band2	20MHz	16QAM	18700	50RB#0	21.17	20.97	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.17	20.97	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.35	21.15	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.27	21.07	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.41	21.21	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	20.95	20.75	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.35	21.15	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.42	21.22	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.22	21.02	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.21	21.01	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.42	21.22	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	21.49	21.29	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	21.19	20.99	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.26	21.06	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.12	20.92	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.38	21.18	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.07	20.87	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.18	20.98	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#0	21.39	21.19	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#49	21.38	21.18	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#99	21.24	21.04	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#0	21.09	20.89	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#25	21.12	20.92	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#50	21.30	21.10	33.00	PASS
Band2	20MHz	64QAM	18700	100RB#0	21.18	20.98	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#0	21.36	21.16	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#49	20.85	20.65	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#99	21.29	21.09	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#0	21.36	21.16	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#25	21.16	20.96	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#50	21.11	20.91	33.00	PASS
Band2	20MHz	64QAM	18900	100RB#0	21.37	21.17	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#0	21.42	21.22	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#49	21.13	20.93	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#99	21.18	20.98	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#0	21.05	20.85	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#25	21.30	21.10	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#50	21.00	20.80	33.00	PASS



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

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

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch (SGS-CSTC) Laboratory
No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 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	21.08	20.88	33.00	PASS
-------	-------	-------	-------	---------	-------	-------	-------	------

Remark:

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

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

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



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

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

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

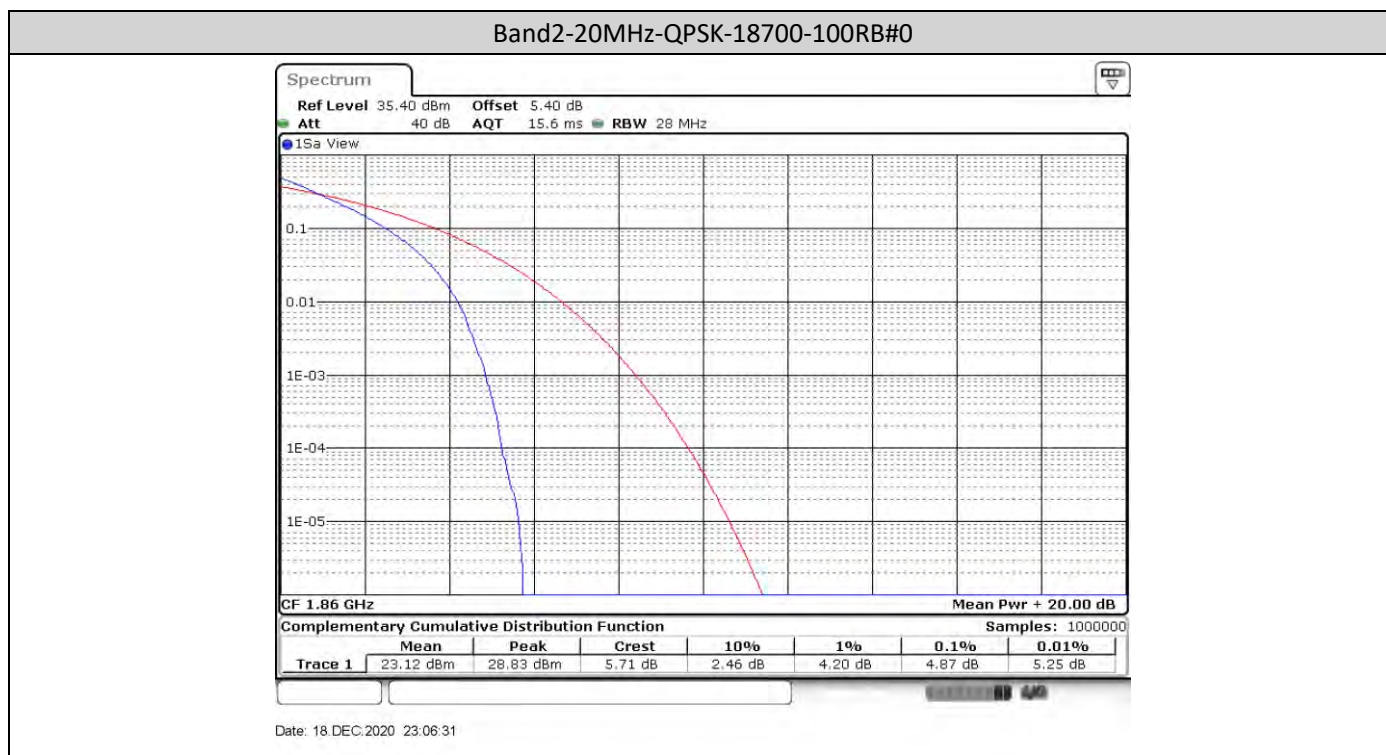


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	4.87	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	4.87	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	4.72	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.52	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.46	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.43	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	5.68	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.74	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.62	13	PASS

2.2. Test Plots



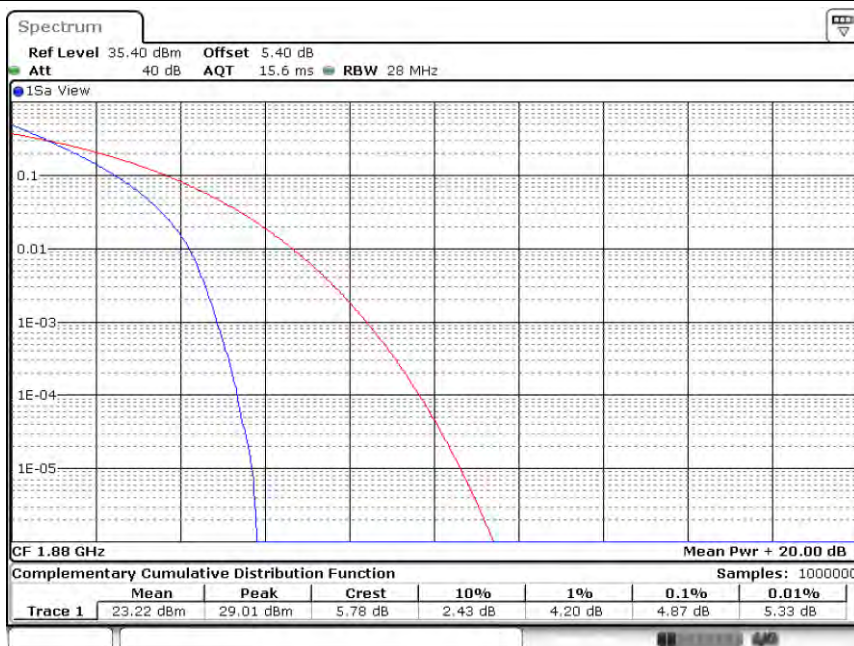
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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

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

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

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



Date: 18 DEC.2020 23:06:54

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



Date: 18 DEC.2020 23:07:16



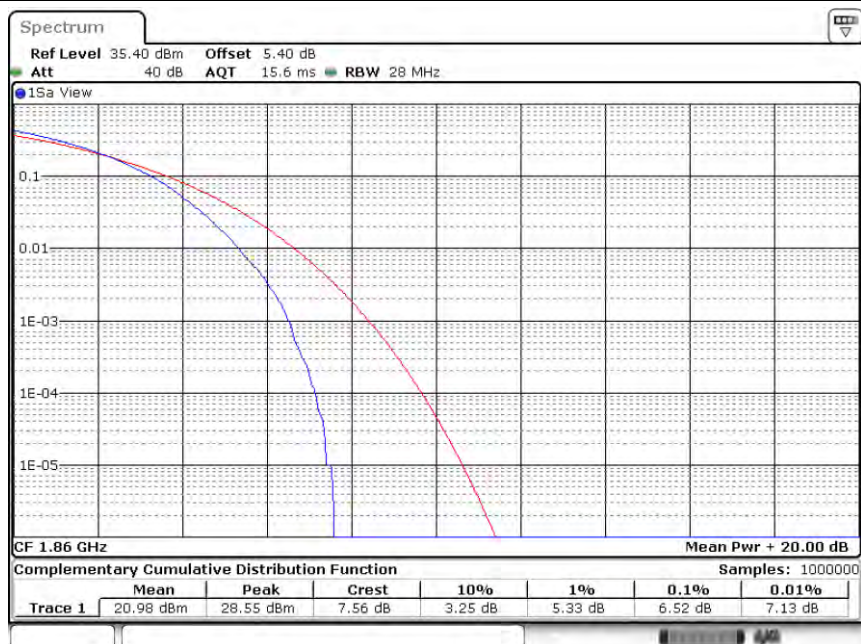
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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



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



Date: 23.DEC.2020 13:03:46

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



Date: 23.DEC.2020 13:03:58



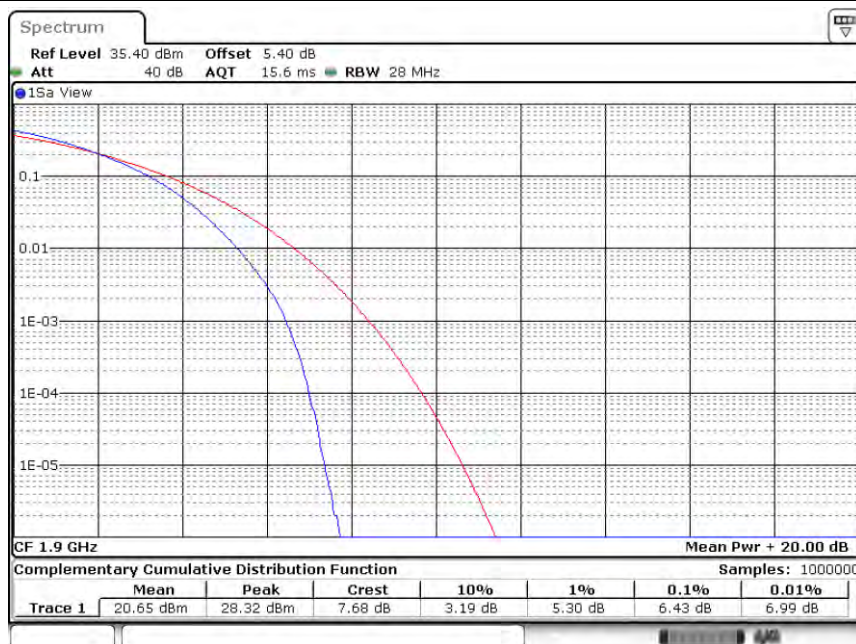
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

Member of the SGS Group (SGS SA)

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



Date: 23.DEC.2020 13:04:09

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



Date: 18.DEC.2020 23:06:42

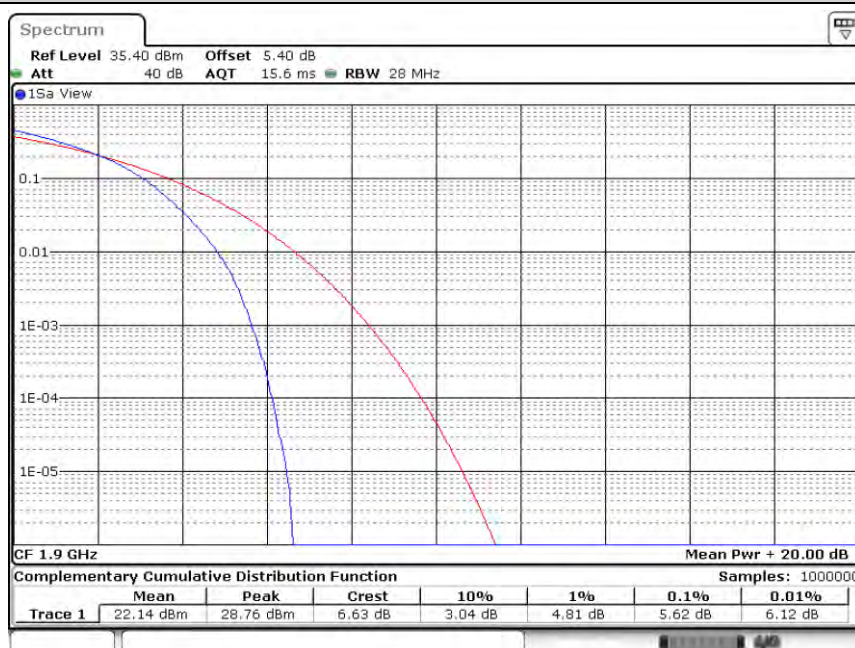


Band2-20MHz-16QAM-18900-100RB#0



Date: 18 DEC. 2020 23:07:05

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



Date: 18 DEC. 2020 23:07:27

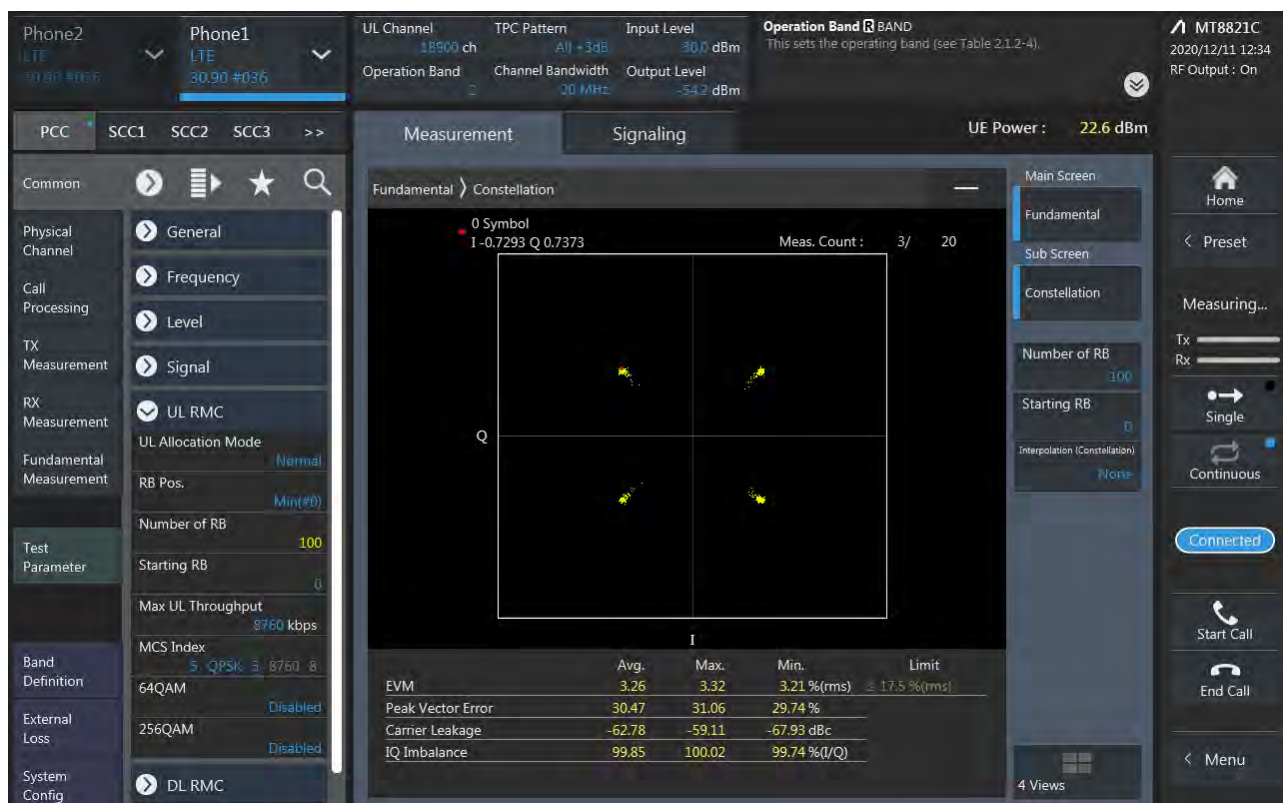




3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

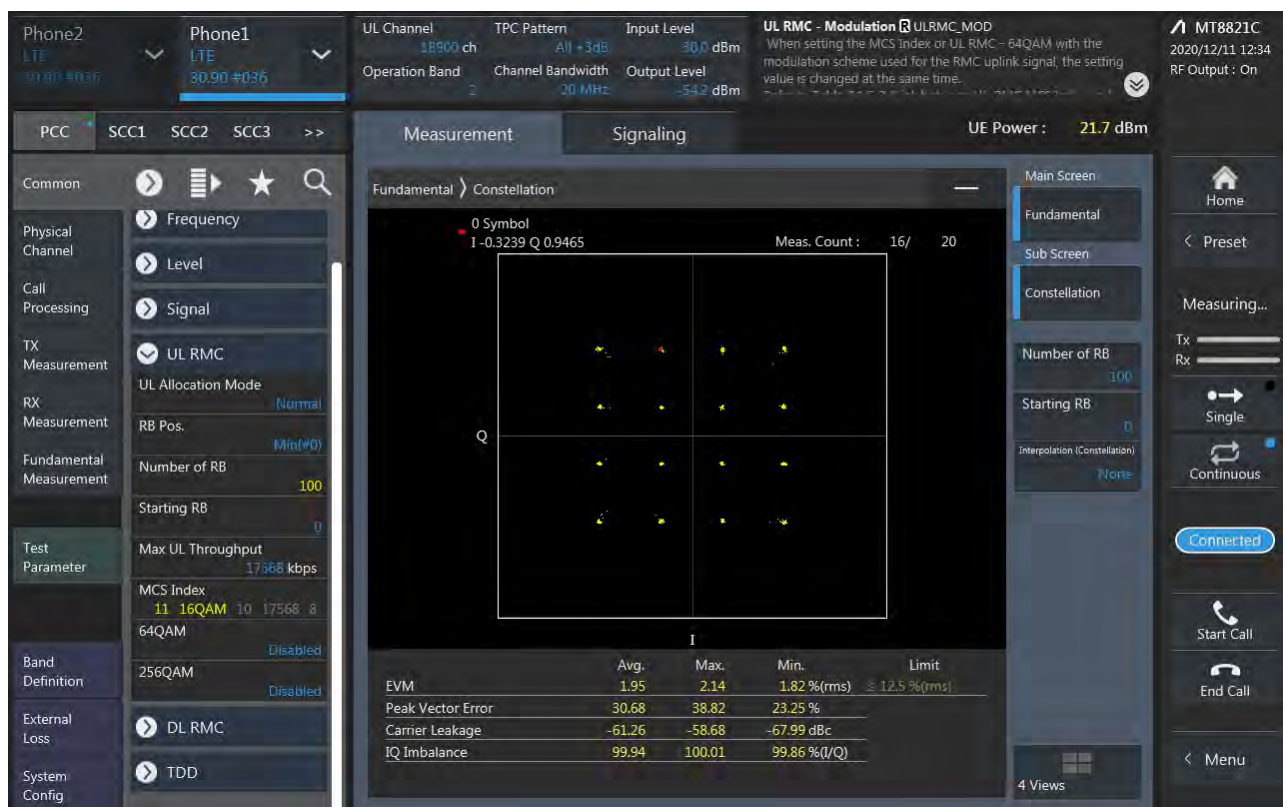
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 20MHz

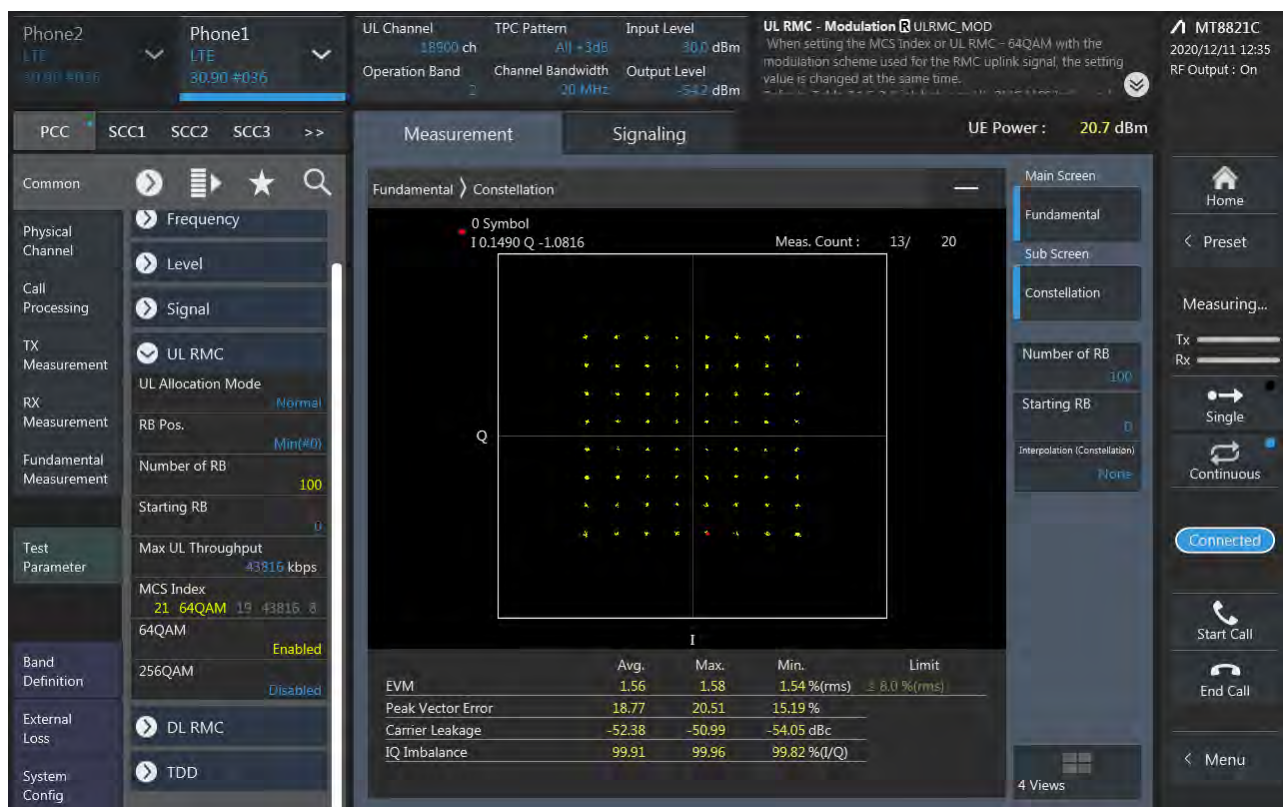
3.2.1. Test Channel = MCH





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	1.091	1.302	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.091	1.296	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.094	1.314	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.094	1.296	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.097	1.308	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.097	1.299	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.091	1.293	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.088	1.287	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.088	1.287	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.697	2.994	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.691	2.982	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.697	2.994	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.691	2.976	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.691	2.970	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.691	2.982	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.685	2.970	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.685	2.976	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.691	2.964	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.466	4.910	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.466	4.930	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.476	4.930	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.476	4.920	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.476	4.920	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.476	4.910	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.476	4.960	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.476	4.960	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.476	4.940	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.931	9.740	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.911	9.760	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.911	9.700	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.931	9.680	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	10MHz	64QAM	18900	50RB#0	8.911	9.680	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.911	9.680	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.931	9.720	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.931	9.780	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.911	9.720	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.457	14.850	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.487	14.790	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.427	14.760	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.457	14.850	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.427	14.820	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.427	14.730	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.427	14.820	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.457	14.820	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.427	14.760	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.862	19.440	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.902	19.480	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.822	19.400	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.902	19.440	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.862	19.360	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.862	19.360	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.862	19.400	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.902	19.400	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.862	19.320	PASS



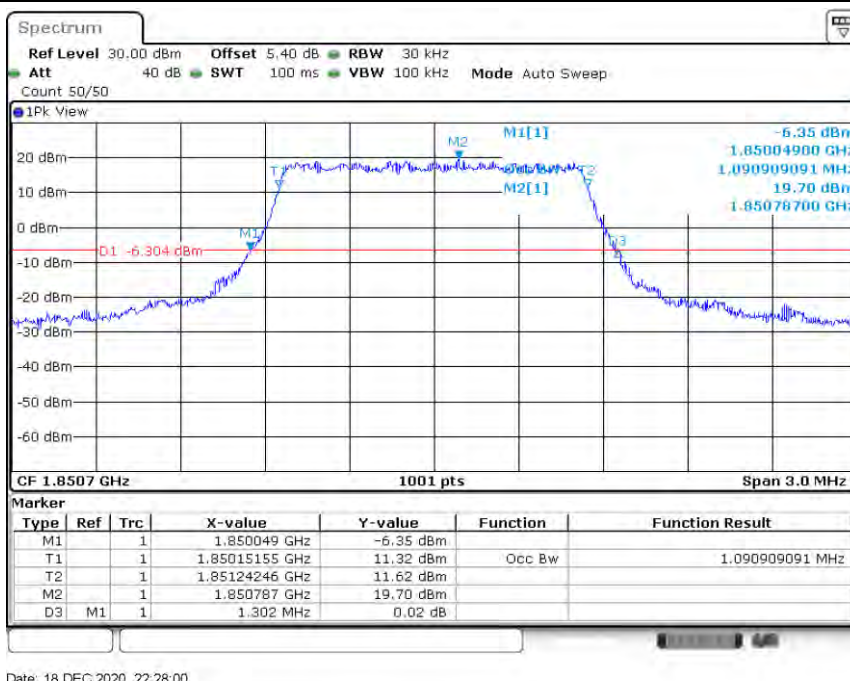
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

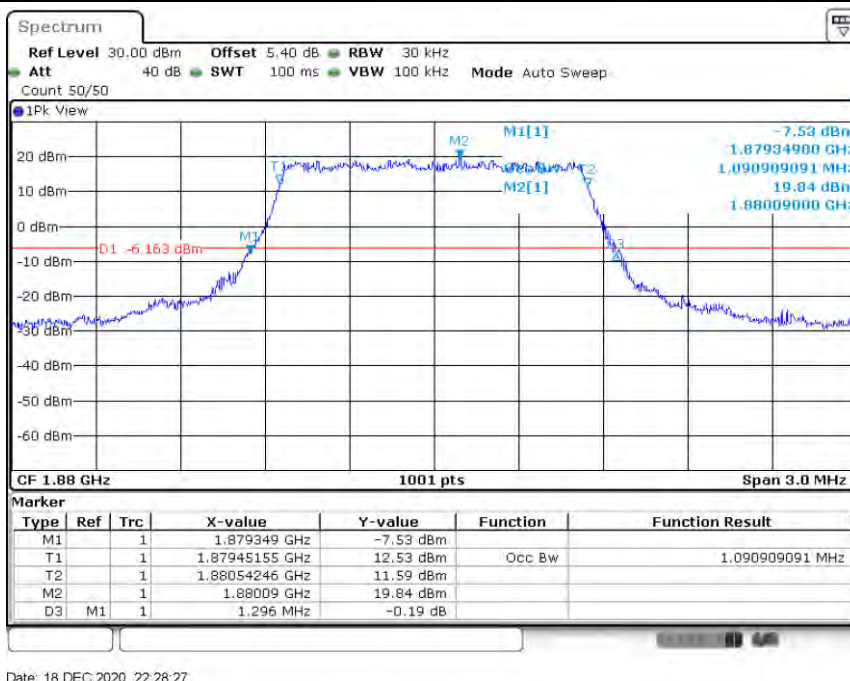


4.2. Test Plots

Band2-1.4MHz-QPSK-18607-6RB#0-1.091



Band2-1.4MHz-QPSK-18900-6RB#0-1.091

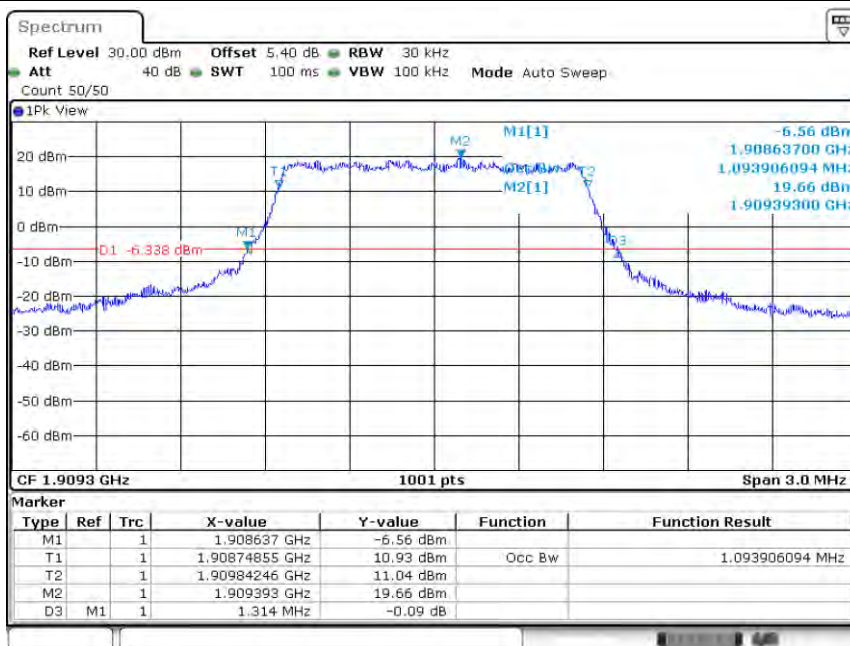


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

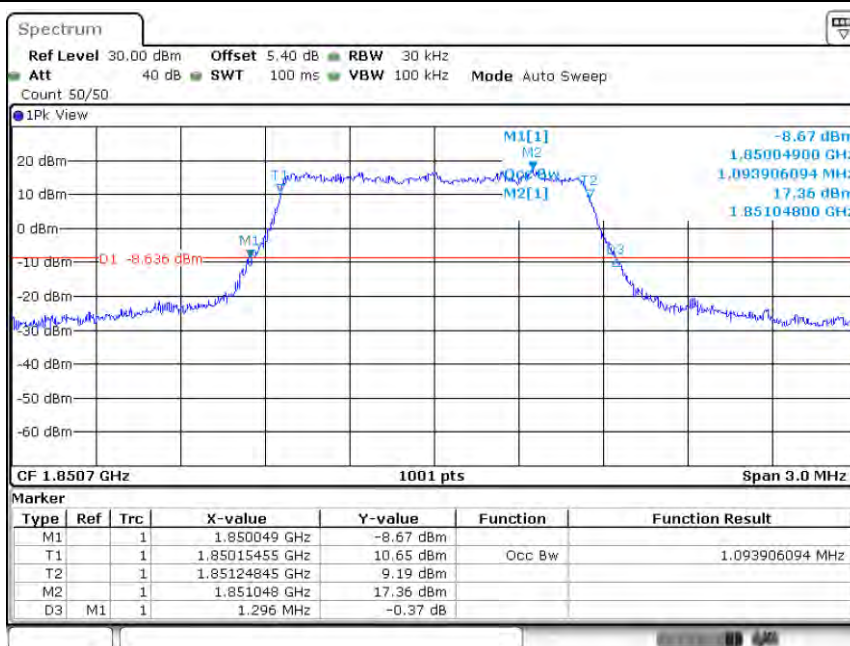


Band2-1.4MHz-QPSK-19193-6RB#0-1.094



Date: 18 DEC. 2020 22:28:54

Band2-1.4MHz-64QAM-18607-6RB#0-1.094



Date: 23 DEC. 2020 12:43:02

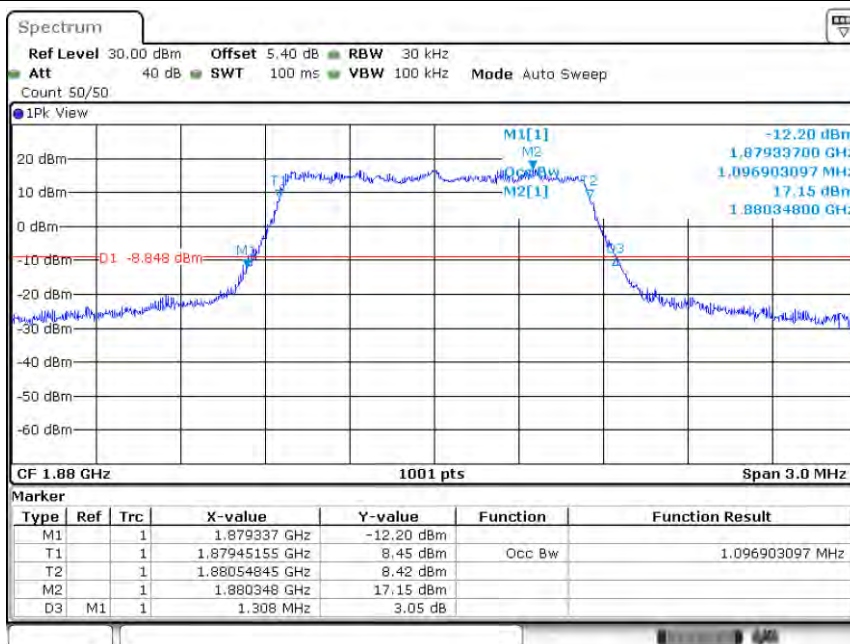


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

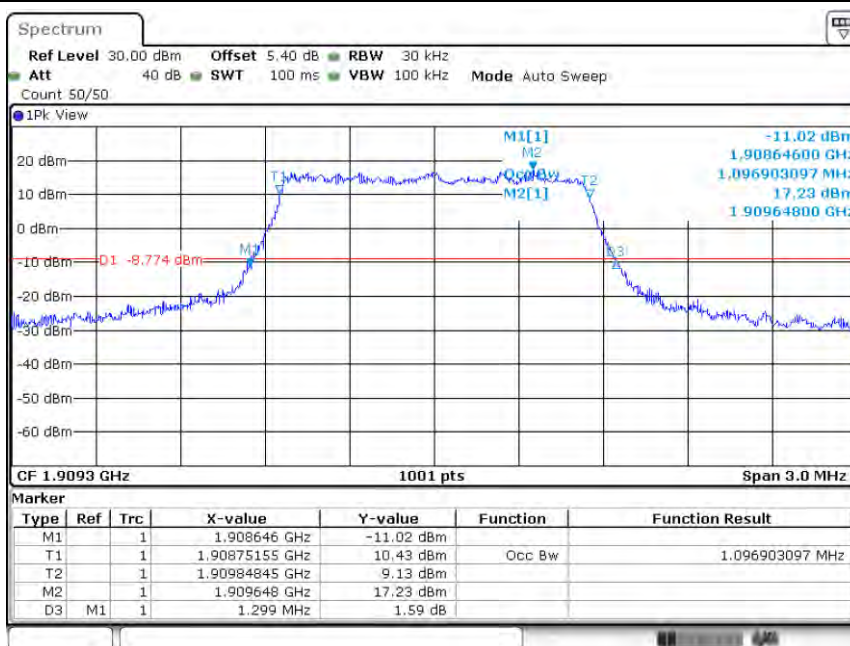


Band2-1.4MHz-64QAM-18900-6RB#0-1.097



Date: 23.DEC.2020 12:43:15

Band2-1.4MHz-64QAM-19193-6RB#0-1.097



Date: 23.DEC.2020 12:43:28

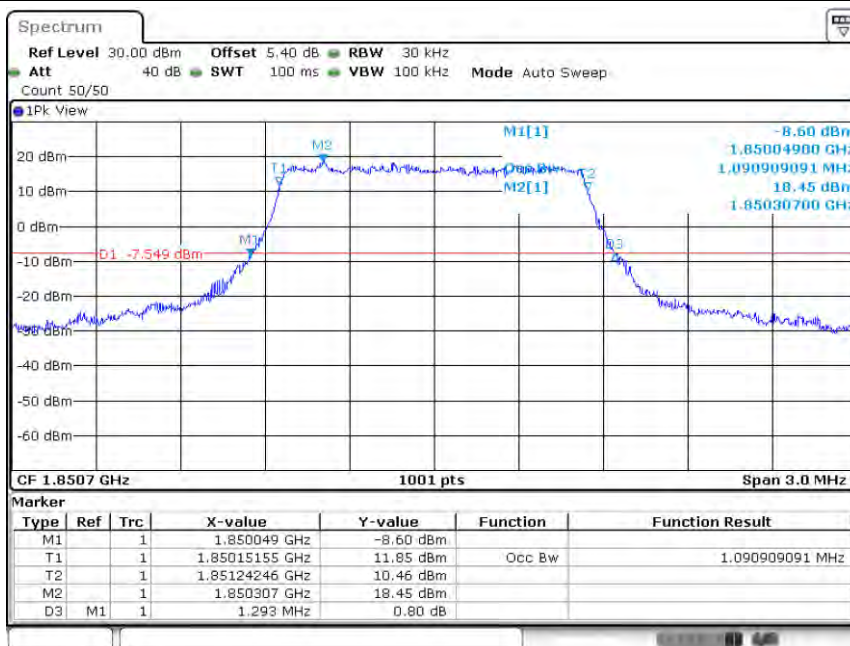


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

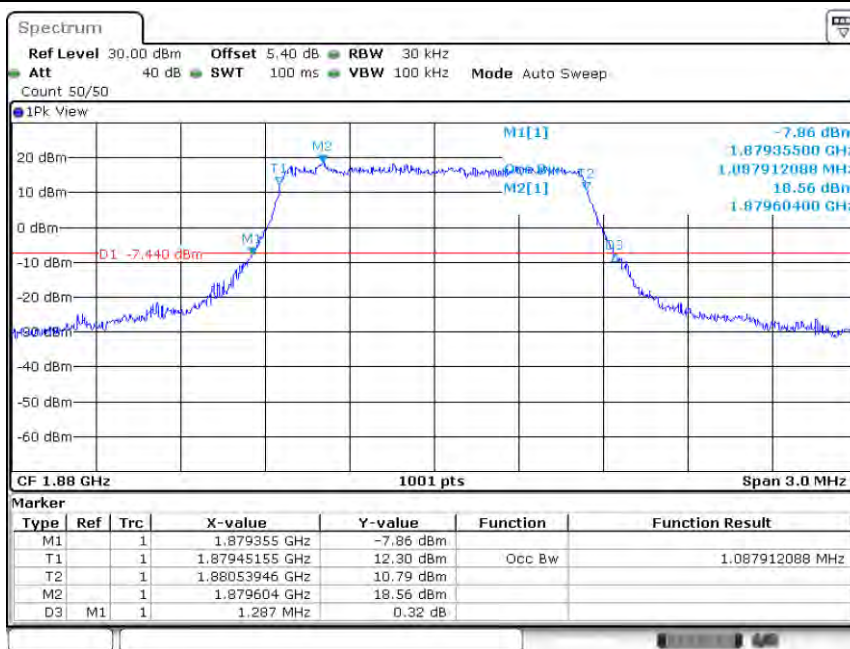


Band2-1.4MHz-16QAM-18607-6RB#0-1.091



Date: 18 DEC. 2020 22:28:13

Band2-1.4MHz-16QAM-18900-6RB#0-1.088



Date: 18 DEC. 2020 22:28:40

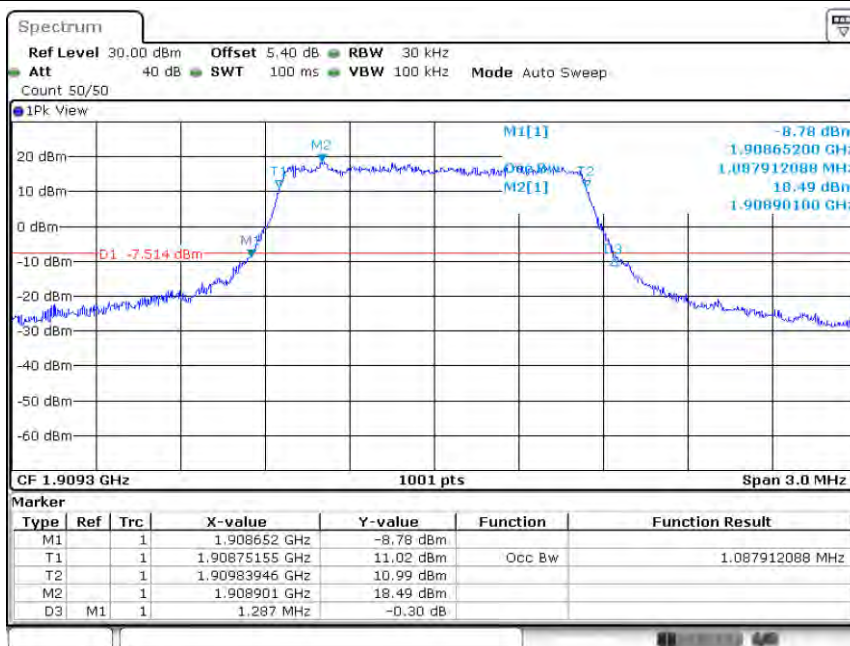


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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) 83071443, 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

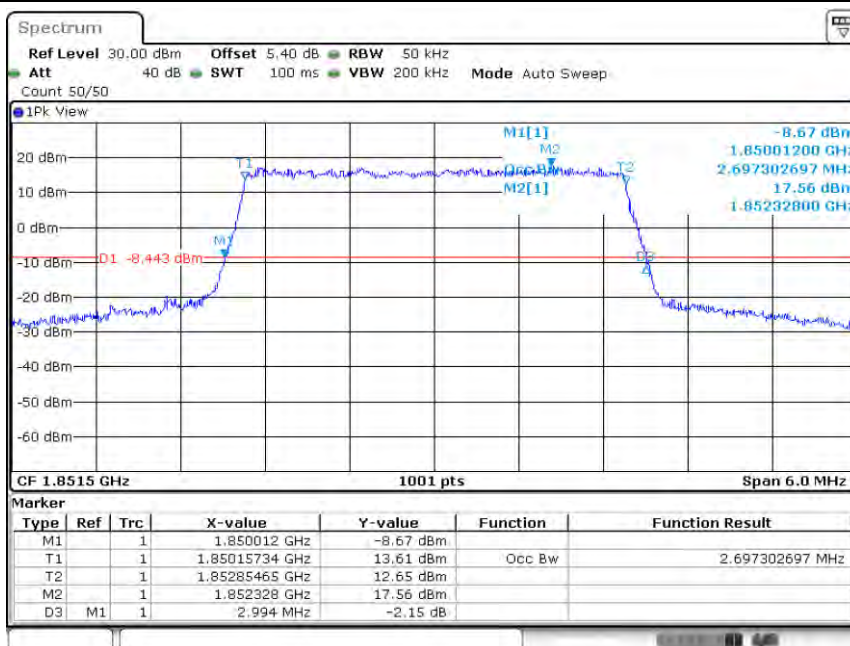


Band2-1.4MHz-16QAM-19193-6RB#0-1.088



Date: 18 DEC. 2020 22:29:07

Band2-3MHz-QPSK-18615-15RB#0-2.697



Date: 18 DEC. 2020 22:29:25

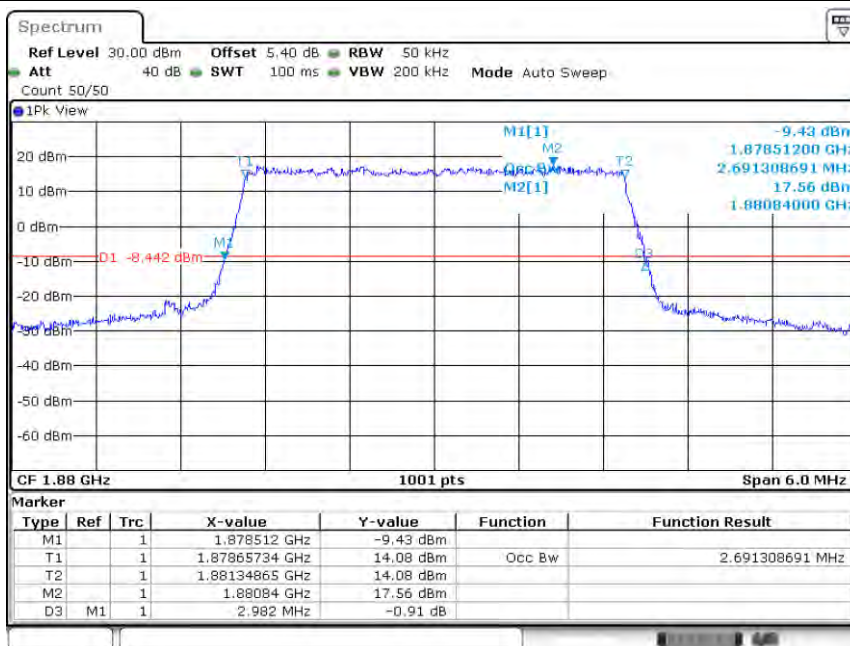


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

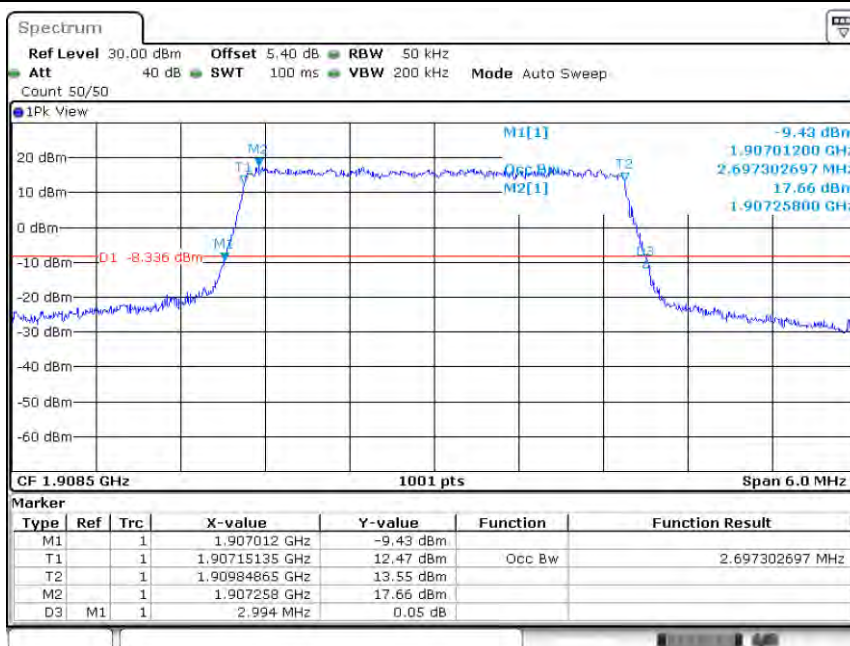


Band2-3MHz-QPSK-18900-15RB#0-2.691



Date: 18 DEC. 2020 22:29:52

Band2-3MHz-QPSK-19185-15RB#0-2.697



Date: 18 DEC. 2020 22:30:19

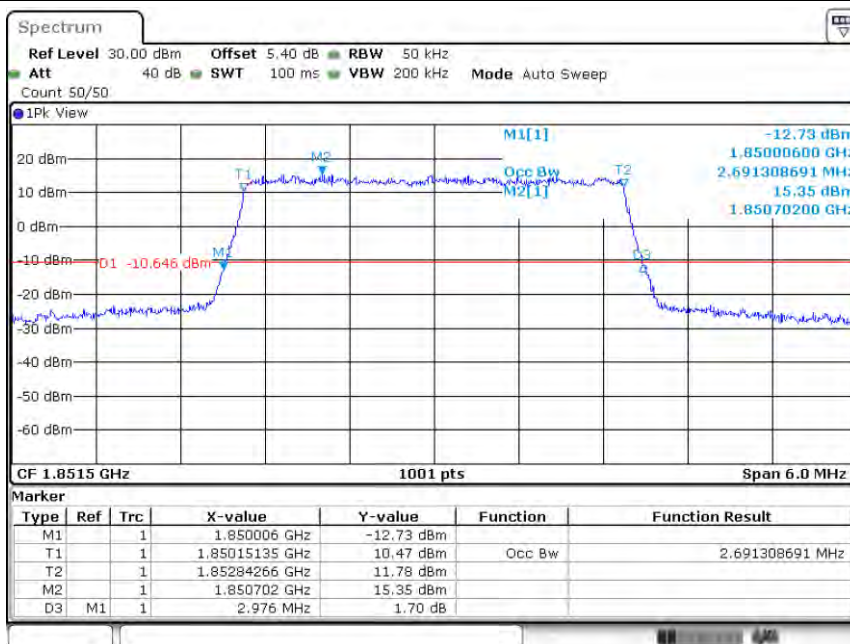


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

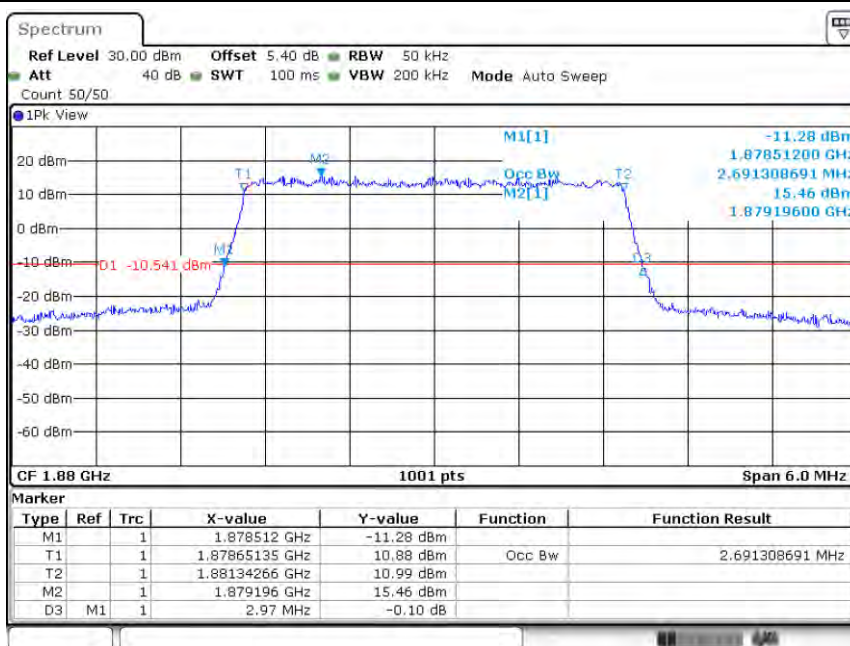
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
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-64QAM-18615-15RB#0-2.691

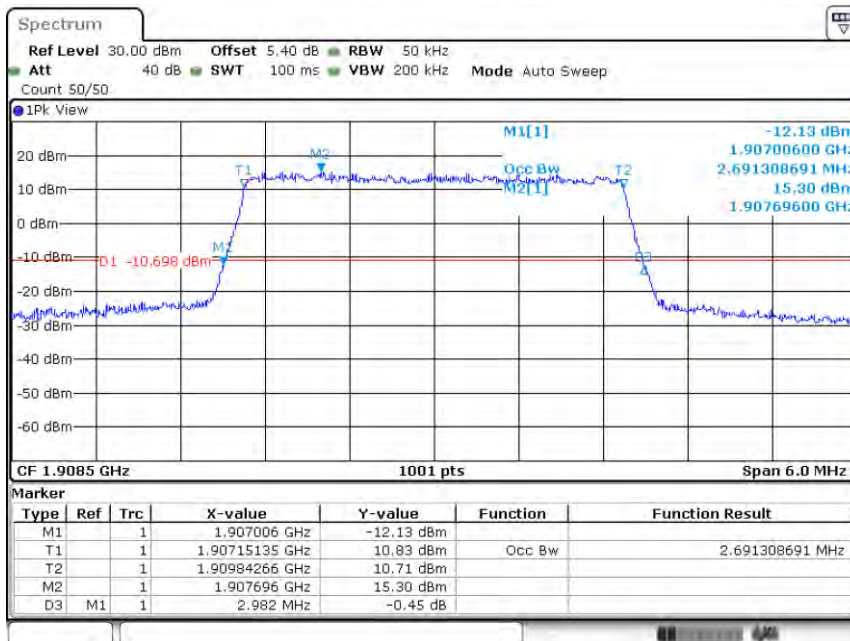


Band2-3MHz-64QAM-18900-15RB#0-2.691



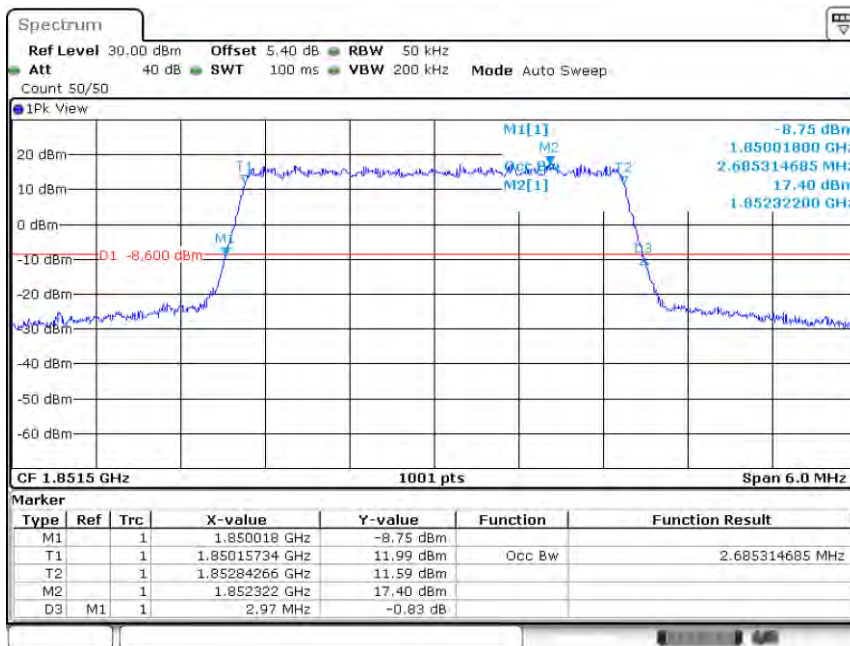


Band2-3MHz-64QAM-19185-15RB#0-2.691



Date: 23.DEC.2020 12:44:16

Band2-3MHz-16QAM-18615-15RB#0-2.685



Date: 18.DEC.2020 22:29:38

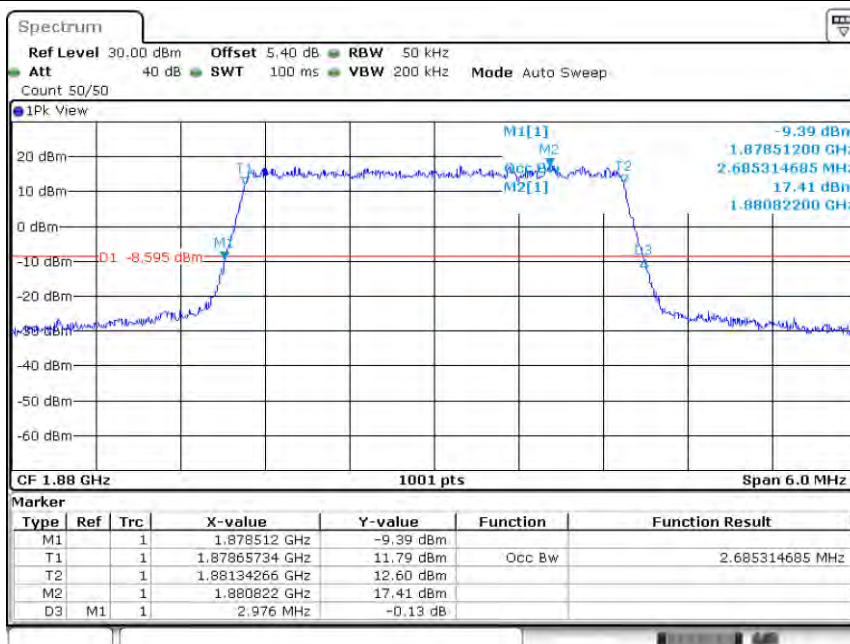


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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

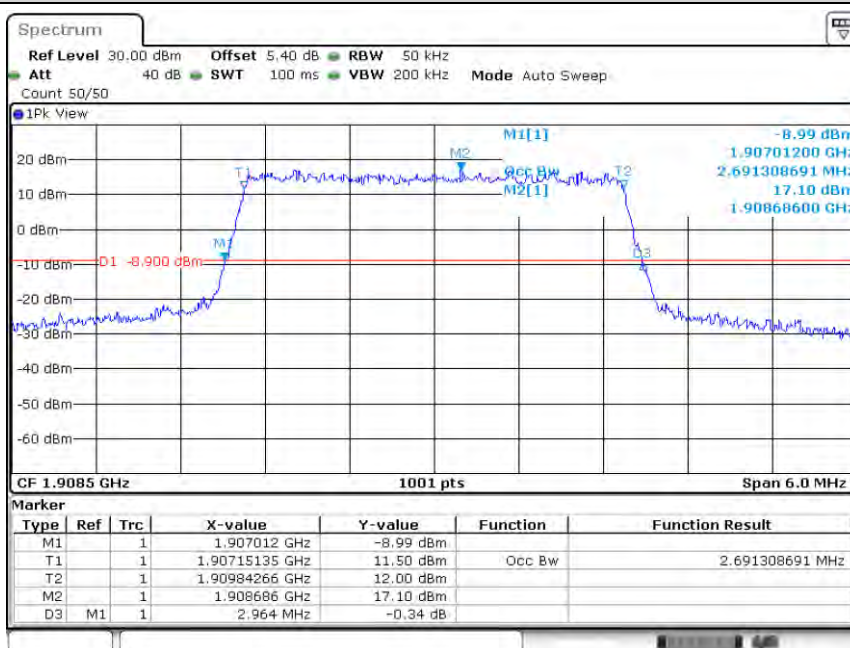
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band2-3MHz-16QAM-18900-15RB#0-2.685



Date: 18 DEC. 2020 22:30:06

Band2-3MHz-16QAM-19185-15RB#0-2.691

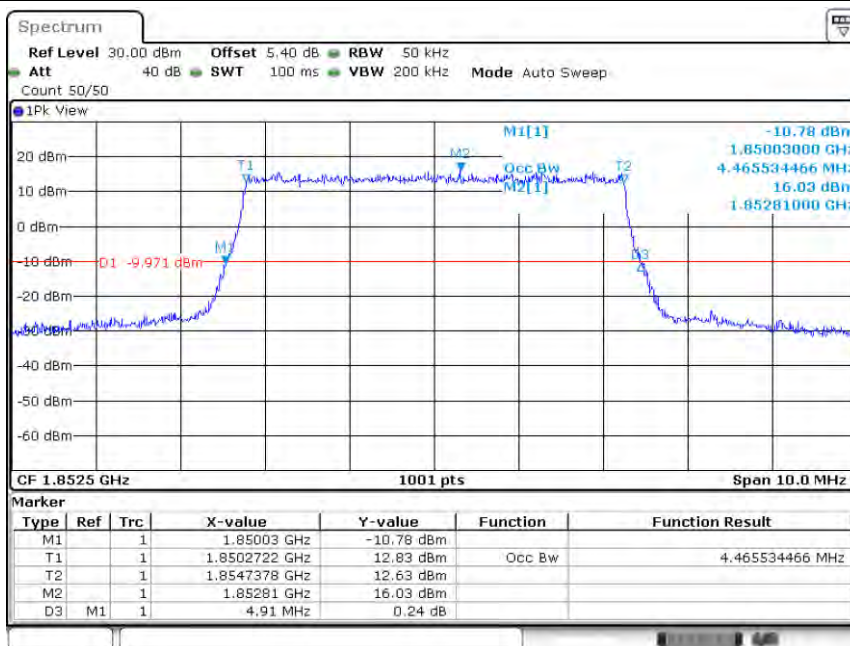


Date: 18 DEC. 2020 22:30:33

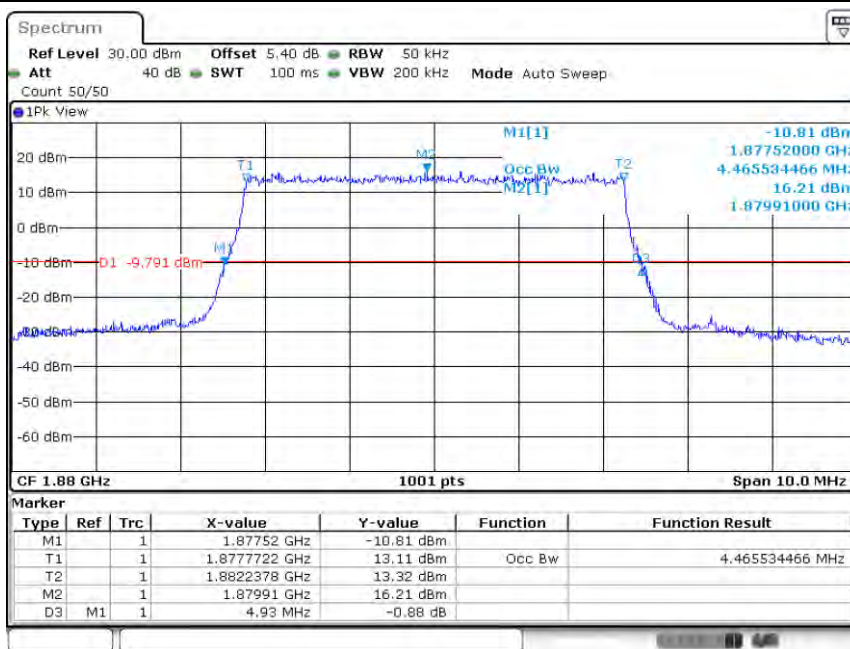




Band2-5MHz-QPSK-18625-25RB#0-4.466



Band2-5MHz-QPSK-18900-25RB#0-4.466

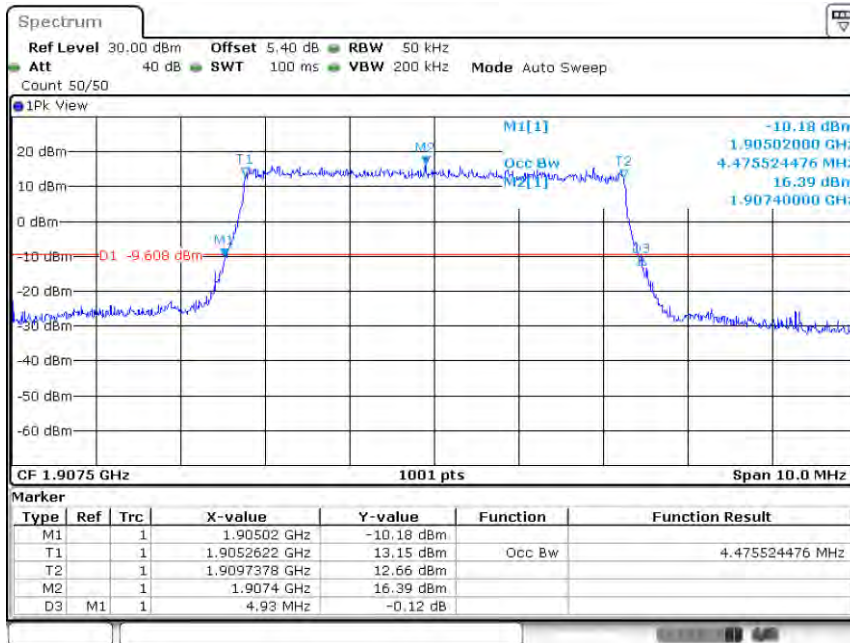


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

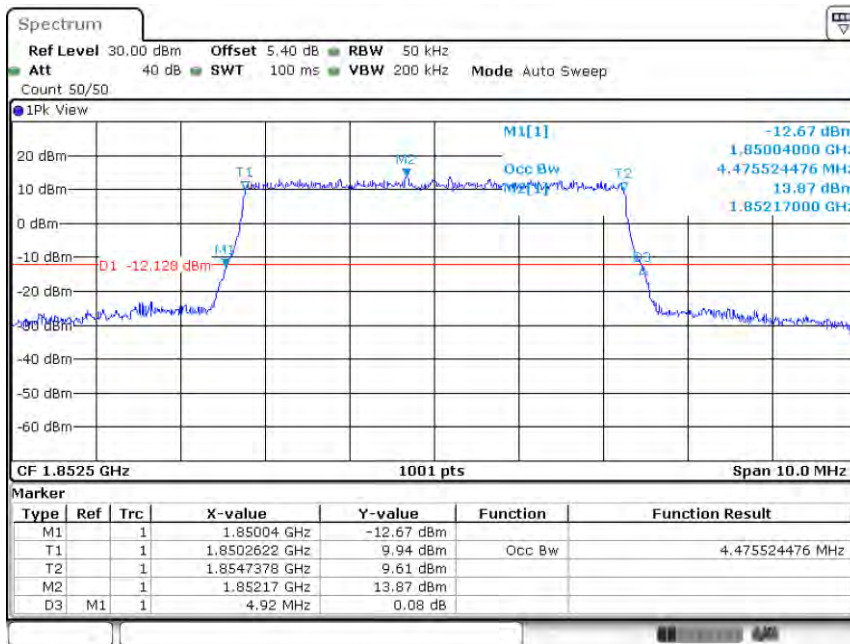
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
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-QPSK-19175-25RB#0-4.476



Band2-5MHz-64QAM-18625-25RB#0-4.476



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 telephones: (86-755) 83071443, 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