

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.....	3
1.1.	TEST RESULT.....	3
2.	PEAK-TO-AVERAGE RATIO (CCDF).....	15
2.1.	TEST RESULT.....	15
2.2.	TEST PLOTS	15
3.	MODULATION CHARACTERISTICS	20
3.1.	TEST MODE = LTE /TM1 20MHZ	20
3.1.1.	TEST CHANNEL = MCH	20
3.2.	TEST MODE = LTE /TM2 20MHZ	21
3.2.1.	TEST CHANNEL = MCH	21
3.3.	TEST MODE = LTE /TM3 20MHZ	22
3.3.1.	TEST CHANNEL = MCH	22
4.	26DB BANDWIDTH AND OCCUPIED BANDWIDTH	23
4.1.	TEST RESULT.....	23
4.2.	TEST PLOTS	25
5.	BAND EDGE COMPLIANCE	52
5.1.	TEST RESULT.....	52
5.2.	TEST PLOTS	54
6.	SPURIOUS EMISSION AT ANTENNA TERMINAL	91
6.1.	TEST PLOTS	91
7.	FIELD STRENGTH OF SPURIOUS RADIATION.....	101
7.1.	TEST MODE =LTE/TM1 20MHZ.....	101
7.1.1.	TEST CHANNEL = LCH	101
7.1.2.	TEST CHANNEL = MCH	101
7.1.3.	TEST CHANNEL = HCH	102
8.	FREQUENCY STABILITY.....	103
8.1.	FREQUENCY VS VOLTAGE.....	103
8.2.	FREQUENCY VS TEMPERATURE	104



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

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

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

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



1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	22.99	20.79	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.05	20.85	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.98	20.78	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	22.99	20.79	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.05	20.85	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.05	20.85	33	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.00	19.80	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.05	20.85	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.11	20.91	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.01	20.81	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.06	20.86	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.16	20.96	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.06	20.86	33	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.06	19.86	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.23	21.03	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.26	21.06	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.21	21.01	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.28	21.08	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	23.29	21.09	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	23.27	21.07	33	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.23	20.03	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	21.21	19.01	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	21.29	19.09	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	21.15	18.95	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#0	20.93	18.73	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#1	20.98	18.78	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#3	20.99	18.79	33	PASS



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

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

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

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



Band2	1.4MHz	64QAM	18607	6RB#0	19.88	17.68	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	21.20	19.00	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	21.35	19.15	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	21.25	19.05	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#0	20.98	18.78	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#1	21.05	18.85	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#3	20.92	18.72	33	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	19.99	17.79	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	21.44	19.24	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	21.47	19.27	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	21.47	19.27	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#0	21.12	18.92	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#1	21.14	18.94	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#3	21.16	18.96	33	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	20.15	17.95	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.33	20.13	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.43	20.23	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.26	20.06	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.06	19.86	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.11	19.91	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.09	19.89	33	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.03	18.83	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.34	20.14	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.48	20.28	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.39	20.19	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.08	19.88	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.16	19.96	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.06	19.86	33	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.14	18.94	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.58	20.38	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.62	20.42	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.58	20.38	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	22.27	20.07	33	PASS



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

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch / 深圳分公司 / 实验室

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	1.4MHz	16QAM	19193	3RB#1	22.28	20.08	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.27	20.07	33	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.29	19.09	33	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.09	20.89	33	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.10	20.90	33	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.99	20.79	33	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.06	19.86	33	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.06	19.86	33	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.04	19.84	33	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.07	19.87	33	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.15	20.95	33	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.18	20.98	33	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.12	20.92	33	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.10	19.90	33	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.12	19.92	33	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.07	19.87	33	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.11	19.91	33	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.34	21.14	33	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.33	21.13	33	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.24	21.04	33	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.30	20.10	33	PASS
Band2	3MHz	QPSK	19185	8RB#4	22.28	20.08	33	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.26	20.06	33	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.29	20.09	33	PASS
Band2	3MHz	64QAM	18615	1RB#0	21.18	18.98	33	PASS
Band2	3MHz	64QAM	18615	1RB#8	21.33	19.13	33	PASS
Band2	3MHz	64QAM	18615	1RB#14	21.16	18.96	33	PASS
Band2	3MHz	64QAM	18615	8RB#0	20.93	18.73	33	PASS
Band2	3MHz	64QAM	18615	8RB#4	20.99	18.79	33	PASS
Band2	3MHz	64QAM	18615	8RB#7	20.95	18.75	33	PASS
Band2	3MHz	64QAM	18615	15RB#0	19.92	17.72	33	PASS
Band2	3MHz	64QAM	18900	1RB#0	21.19	18.99	33	PASS
Band2	3MHz	64QAM	18900	1RB#8	21.34	19.14	33	PASS



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

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch / 深圳分公司 / 实验室

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	3MHz	64QAM	18900	1RB#14	21.27	19.07	33	PASS
Band2	3MHz	64QAM	18900	8RB#0	20.94	18.74	33	PASS
Band2	3MHz	64QAM	18900	8RB#4	21.05	18.85	33	PASS
Band2	3MHz	64QAM	18900	8RB#7	20.94	18.74	33	PASS
Band2	3MHz	64QAM	18900	15RB#0	20.01	17.81	33	PASS
Band2	3MHz	64QAM	19185	1RB#0	21.47	19.27	33	PASS
Band2	3MHz	64QAM	19185	1RB#8	21.48	19.28	33	PASS
Band2	3MHz	64QAM	19185	1RB#14	21.44	19.24	33	PASS
Band2	3MHz	64QAM	19185	8RB#0	21.15	18.95	33	PASS
Band2	3MHz	64QAM	19185	8RB#4	21.17	18.97	33	PASS
Band2	3MHz	64QAM	19185	8RB#7	21.17	18.97	33	PASS
Band2	3MHz	64QAM	19185	15RB#0	20.18	17.98	33	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.46	20.26	33	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.38	20.18	33	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.40	20.20	33	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.10	18.90	33	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.11	18.91	33	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.08	18.88	33	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.08	18.88	33	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.47	20.27	33	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.38	20.18	33	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.43	20.23	33	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.18	18.98	33	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.17	18.97	33	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.10	18.90	33	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.13	18.93	33	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.64	20.44	33	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.60	20.40	33	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.67	20.47	33	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.32	19.12	33	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.34	19.14	33	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.34	19.14	33	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.32	19.12	33	PASS



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

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch 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	5MHz	QPSK	18625	1RB#0	23.21	21.01	33	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.08	20.88	33	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.06	20.86	33	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.16	19.96	33	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.10	19.90	33	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.13	19.93	33	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.14	19.94	33	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.22	21.02	33	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.08	20.88	33	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.16	20.96	33	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.19	19.99	33	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.18	19.98	33	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.20	20.00	33	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.22	20.02	33	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.35	21.15	33	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.30	21.10	33	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.30	21.10	33	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.34	20.14	33	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.32	20.12	33	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.34	20.14	33	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.35	20.15	33	PASS
Band2	5MHz	64QAM	18625	1RB#0	21.21	19.01	33	PASS
Band2	5MHz	64QAM	18625	1RB#12	21.30	19.10	33	PASS
Band2	5MHz	64QAM	18625	1RB#24	21.16	18.96	33	PASS
Band2	5MHz	64QAM	18625	12RB#0	20.93	18.73	33	PASS
Band2	5MHz	64QAM	18625	12RB#6	20.97	18.77	33	PASS
Band2	5MHz	64QAM	18625	12RB#13	20.97	18.77	33	PASS
Band2	5MHz	64QAM	18625	25RB#0	19.89	17.69	33	PASS
Band2	5MHz	64QAM	18900	1RB#0	21.24	19.04	33	PASS
Band2	5MHz	64QAM	18900	1RB#12	21.37	19.17	33	PASS
Band2	5MHz	64QAM	18900	1RB#24	21.25	19.05	33	PASS
Band2	5MHz	64QAM	18900	12RB#0	20.95	18.75	33	PASS
Band2	5MHz	64QAM	18900	12RB#6	21.02	18.82	33	PASS



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

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch / 深圳分公司 / 实验室

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	64QAM	18900	12RB#13	20.92	18.72	33	PASS
Band2	5MHz	64QAM	18900	25RB#0	20.02	17.82	33	PASS
Band2	5MHz	64QAM	19175	1RB#0	21.48	19.28	33	PASS
Band2	5MHz	64QAM	19175	1RB#12	21.51	19.31	33	PASS
Band2	5MHz	64QAM	19175	1RB#24	21.43	19.23	33	PASS
Band2	5MHz	64QAM	19175	12RB#0	21.14	18.94	33	PASS
Band2	5MHz	64QAM	19175	12RB#6	21.17	18.97	33	PASS
Band2	5MHz	64QAM	19175	12RB#13	21.17	18.97	33	PASS
Band2	5MHz	64QAM	19175	25RB#0	20.16	17.96	33	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.53	20.33	33	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.40	20.20	33	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.43	20.23	33	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.16	18.96	33	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.13	18.93	33	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.12	18.92	33	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.16	18.96	33	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.56	20.36	33	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.42	20.22	33	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.46	20.26	33	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.23	19.03	33	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.20	19.00	33	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.22	19.02	33	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.18	18.98	33	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.73	20.53	33	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.62	20.42	33	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.68	20.48	33	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.37	19.17	33	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.32	19.12	33	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.32	19.12	33	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.34	19.14	33	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.18	20.98	33	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.09	20.89	33	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.16	20.96	33	PASS



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

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

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

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



Band2	10MHz	QPSK	18650	25RB#0	22.11	19.91	33	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.13	19.93	33	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.16	19.96	33	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.12	19.92	33	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.30	21.10	33	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.08	20.88	33	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.29	21.09	33	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.12	19.92	33	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.12	19.92	33	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.17	19.97	33	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.13	19.93	33	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.35	21.15	33	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.30	21.10	33	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.45	21.25	33	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.27	20.07	33	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.25	20.05	33	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.29	20.09	33	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.25	20.05	33	PASS
Band2	10MHz	64QAM	18650	1RB#0	21.21	19.01	33	PASS
Band2	10MHz	64QAM	18650	1RB#24	21.31	19.11	33	PASS
Band2	10MHz	64QAM	18650	1RB#49	21.14	18.94	33	PASS
Band2	10MHz	64QAM	18650	25RB#0	20.92	18.72	33	PASS
Band2	10MHz	64QAM	18650	25RB#12	20.96	18.76	33	PASS
Band2	10MHz	64QAM	18650	25RB#25	20.96	18.76	33	PASS
Band2	10MHz	64QAM	18650	50RB#0	19.88	17.68	33	PASS
Band2	10MHz	64QAM	18900	1RB#0	21.23	19.03	33	PASS
Band2	10MHz	64QAM	18900	1RB#24	21.35	19.15	33	PASS
Band2	10MHz	64QAM	18900	1RB#49	21.26	19.06	33	PASS
Band2	10MHz	64QAM	18900	25RB#0	20.94	18.74	33	PASS
Band2	10MHz	64QAM	18900	25RB#12	21.01	18.81	33	PASS
Band2	10MHz	64QAM	18900	25RB#25	20.96	18.76	33	PASS
Band2	10MHz	64QAM	18900	50RB#0	20.01	17.81	33	PASS
Band2	10MHz	64QAM	19150	1RB#0	21.43	19.23	33	PASS



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

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch / 深圳分公司 / 实验室

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



Band2	10MHz	64QAM	19150	1RB#24	21.50	19.30	33	PASS
Band2	10MHz	64QAM	19150	1RB#49	21.44	19.24	33	PASS
Band2	10MHz	64QAM	19150	25RB#0	21.13	18.93	33	PASS
Band2	10MHz	64QAM	19150	25RB#12	21.14	18.94	33	PASS
Band2	10MHz	64QAM	19150	25RB#25	21.13	18.93	33	PASS
Band2	10MHz	64QAM	19150	50RB#0	20.14	17.94	33	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.54	20.34	33	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.41	20.21	33	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.44	20.24	33	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.10	18.90	33	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.13	18.93	33	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.09	18.89	33	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.13	18.93	33	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.64	20.44	33	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.44	20.24	33	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.56	20.36	33	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.12	18.92	33	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.11	18.91	33	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.13	18.93	33	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.12	18.92	33	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.65	20.45	33	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.55	20.35	33	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.68	20.48	33	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.24	19.04	33	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.21	19.01	33	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.27	19.07	33	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.25	19.05	33	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.30	21.10	33	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.10	20.90	33	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.29	21.09	33	PASS
Band2	15MHz	QPSK	18675	36RB#0	22.11	19.91	33	PASS
Band2	15MHz	QPSK	18675	36RB#18	22.17	19.97	33	PASS
Band2	15MHz	QPSK	18675	36RB#39	22.07	19.87	33	PASS



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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.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	18675	75RB#0	22.17	19.97	33	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.35	21.15	33	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.09	20.89	33	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.33	21.13	33	PASS
Band2	15MHz	QPSK	18900	36RB#0	22.10	19.90	33	PASS
Band2	15MHz	QPSK	18900	36RB#18	22.13	19.93	33	PASS
Band2	15MHz	QPSK	18900	36RB#39	22.21	20.01	33	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.13	19.93	33	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.44	21.24	33	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.14	20.94	33	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.48	21.28	33	PASS
Band2	15MHz	QPSK	19125	36RB#0	22.19	19.99	33	PASS
Band2	15MHz	QPSK	19125	36RB#18	22.29	20.09	33	PASS
Band2	15MHz	QPSK	19125	36RB#39	22.24	20.04	33	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.22	20.02	33	PASS
Band2	15MHz	64QAM	18675	1RB#0	21.20	19.00	33	PASS
Band2	15MHz	64QAM	18675	1RB#38	21.29	19.09	33	PASS
Band2	15MHz	64QAM	18675	1RB#74	21.13	18.93	33	PASS
Band2	15MHz	64QAM	18675	36RB#0	20.93	18.73	33	PASS
Band2	15MHz	64QAM	18675	36RB#18	20.97	18.77	33	PASS
Band2	15MHz	64QAM	18675	36RB#39	20.94	18.74	33	PASS
Band2	15MHz	64QAM	18675	75RB#0	19.91	17.71	33	PASS
Band2	15MHz	64QAM	18900	1RB#0	21.23	19.03	33	PASS
Band2	15MHz	64QAM	18900	1RB#38	21.38	19.18	33	PASS
Band2	15MHz	64QAM	18900	1RB#74	21.24	19.04	33	PASS
Band2	15MHz	64QAM	18900	36RB#0	20.96	18.76	33	PASS
Band2	15MHz	64QAM	18900	36RB#18	21.05	18.85	33	PASS
Band2	15MHz	64QAM	18900	36RB#39	20.94	18.74	33	PASS
Band2	15MHz	64QAM	18900	75RB#0	20.00	17.80	33	PASS
Band2	15MHz	64QAM	19125	1RB#0	21.46	19.26	33	PASS
Band2	15MHz	64QAM	19125	1RB#38	21.49	19.29	33	PASS
Band2	15MHz	64QAM	19125	1RB#74	21.45	19.25	33	PASS
Band2	15MHz	64QAM	19125	36RB#0	21.13	18.93	33	PASS



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

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



Band2	15MHz	64QAM	19125	36RB#18	21.14	18.94	33	PASS
Band2	15MHz	64QAM	19125	36RB#39	21.13	18.93	33	PASS
Band2	15MHz	64QAM	19125	75RB#0	20.18	17.98	33	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.62	20.42	33	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.49	20.29	33	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.67	20.47	33	PASS
Band2	15MHz	16QAM	18675	36RB#0	21.14	18.94	33	PASS
Band2	15MHz	16QAM	18675	36RB#18	21.19	18.99	33	PASS
Band2	15MHz	16QAM	18675	36RB#39	21.06	18.86	33	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.13	18.93	33	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.67	20.47	33	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.40	20.20	33	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.73	20.53	33	PASS
Band2	15MHz	16QAM	18900	36RB#0	21.10	18.90	33	PASS
Band2	15MHz	16QAM	18900	36RB#18	21.14	18.94	33	PASS
Band2	15MHz	16QAM	18900	36RB#39	21.16	18.96	33	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.11	18.91	33	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.77	20.57	33	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.51	20.31	33	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.75	20.55	33	PASS
Band2	15MHz	16QAM	19125	36RB#0	21.18	18.98	33	PASS
Band2	15MHz	16QAM	19125	36RB#18	21.27	19.07	33	PASS
Band2	15MHz	16QAM	19125	36RB#39	21.24	19.04	33	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.25	19.05	33	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.15	20.95	33	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.99	20.79	33	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.29	21.09	33	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.19	19.99	33	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.05	19.85	33	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.20	20.00	33	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.04	19.84	33	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.20	21.00	33	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.03	20.83	33	PASS



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

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



Band2	20MHz	QPSK	18900	1RB#99	22.95	20.75	33	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.18	19.98	33	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.15	19.95	33	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.08	19.88	33	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.07	19.87	33	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.28	21.08	33	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.17	20.97	33	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.03	20.83	33	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.16	19.96	33	PASS
Band2	20MHz	QPSK	19100	50RB#25	22.18	19.98	33	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.16	19.96	33	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.27	20.07	33	PASS
Band2	20MHz	64QAM	18700	1RB#0	21.19	18.99	33	PASS
Band2	20MHz	64QAM	18700	1RB#49	21.32	19.12	33	PASS
Band2	20MHz	64QAM	18700	1RB#99	21.13	18.93	33	PASS
Band2	20MHz	64QAM	18700	50RB#0	20.94	18.74	33	PASS
Band2	20MHz	64QAM	18700	50RB#25	21.00	18.80	33	PASS
Band2	20MHz	64QAM	18700	50RB#50	20.98	18.78	33	PASS
Band2	20MHz	64QAM	18700	100RB#0	19.90	17.70	33	PASS
Band2	20MHz	64QAM	18900	1RB#0	21.22	19.02	33	PASS
Band2	20MHz	64QAM	18900	1RB#49	21.37	19.17	33	PASS
Band2	20MHz	64QAM	18900	1RB#99	21.25	19.05	33	PASS
Band2	20MHz	64QAM	18900	50RB#0	20.94	18.74	33	PASS
Band2	20MHz	64QAM	18900	50RB#25	21.04	18.84	33	PASS
Band2	20MHz	64QAM	18900	50RB#50	20.95	18.75	33	PASS
Band2	20MHz	64QAM	18900	100RB#0	20.01	17.81	33	PASS
Band2	20MHz	64QAM	19100	1RB#0	21.45	19.25	33	PASS
Band2	20MHz	64QAM	19100	1RB#49	21.50	19.30	33	PASS
Band2	20MHz	64QAM	19100	1RB#99	21.45	19.25	33	PASS
Band2	20MHz	64QAM	19100	50RB#0	21.17	18.97	33	PASS
Band2	20MHz	64QAM	19100	50RB#25	21.18	18.98	33	PASS
Band2	20MHz	64QAM	19100	50RB#50	21.13	18.93	33	PASS
Band2	20MHz	64QAM	19100	100RB#0	20.15	17.95	33	PASS



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

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch / 深圳分公司 / 实验室

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



Band2	20MHz	16QAM	18700	1RB#0	22.52	20.32	33	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.36	20.16	33	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.20	20.00	33	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.17	18.97	33	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.13	18.93	33	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.04	18.84	33	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.05	18.85	33	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.55	20.35	33	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.34	20.14	33	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.27	20.07	33	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.20	19.00	33	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.15	18.95	33	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.07	18.87	33	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.05	18.85	33	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.63	20.43	33	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.51	20.31	33	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.35	20.15	33	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.25	19.05	33	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.27	19.07	33	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.16	18.96	33	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.20	19.00	33	PASS

Remark:

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

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

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



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

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

Member of the SGS Group (SGS SA)

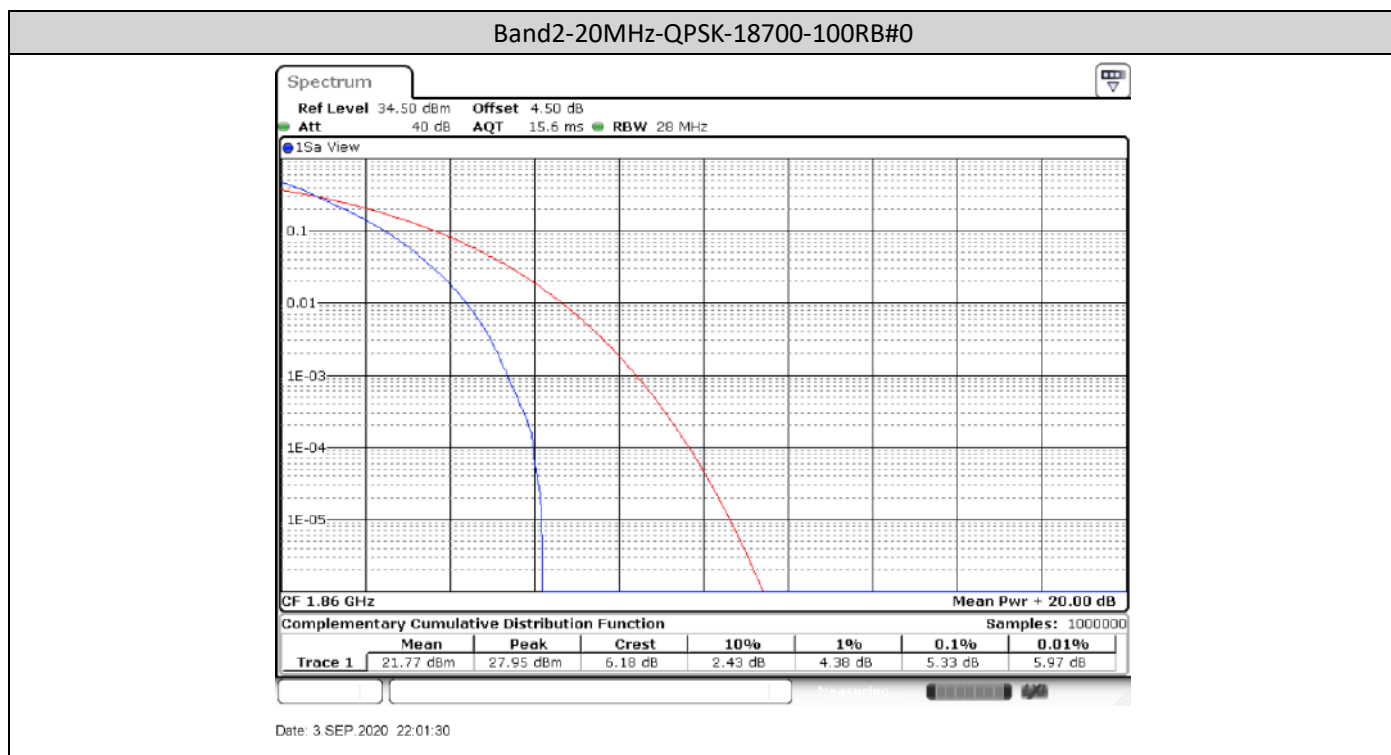


2. Peak-to-Average Ratio (CCDF)

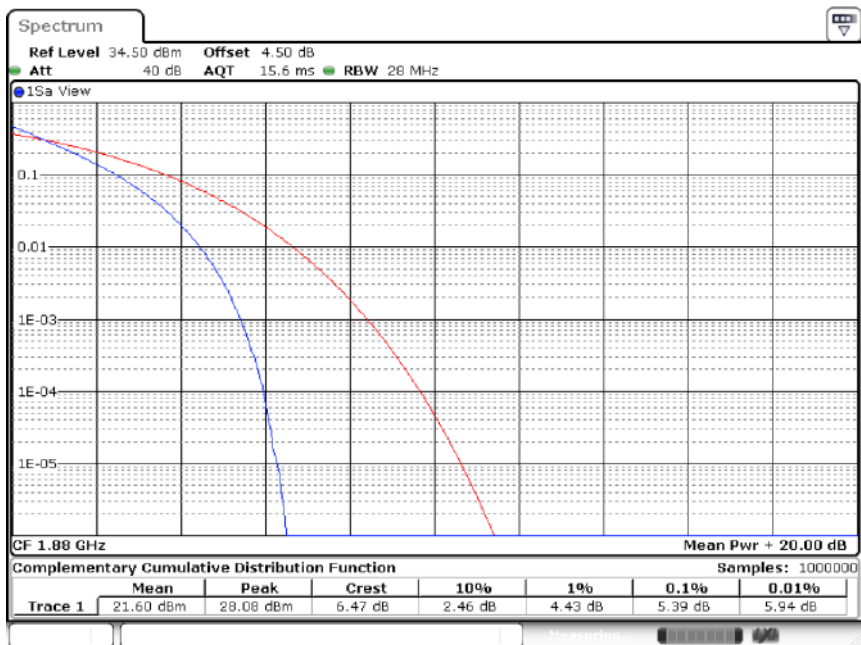
2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	5.33	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.39	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.39	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.35	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.23	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.29	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.20	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.23	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.29	13	PASS

2.2. Test Plots

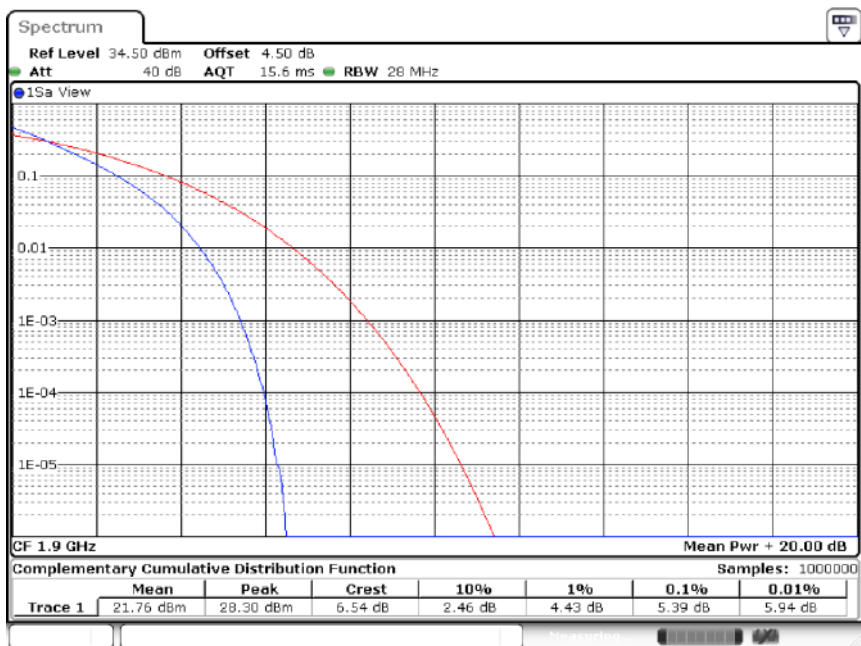


Band2-20MHz-QPSK-18900-100RB#0



Date: 3 SEP 2020 22:01:52

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



Date: 3 SEP 2020 22:02:15



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

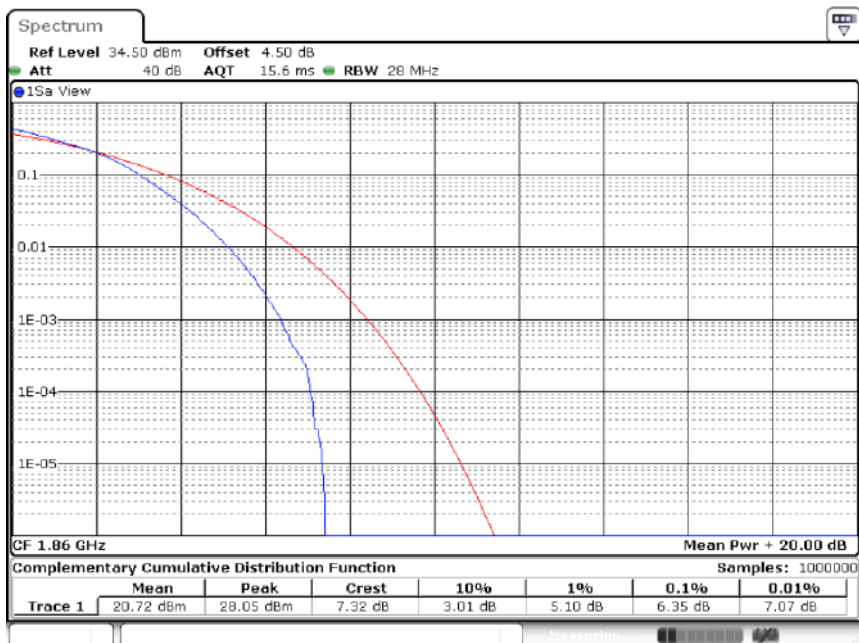
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 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

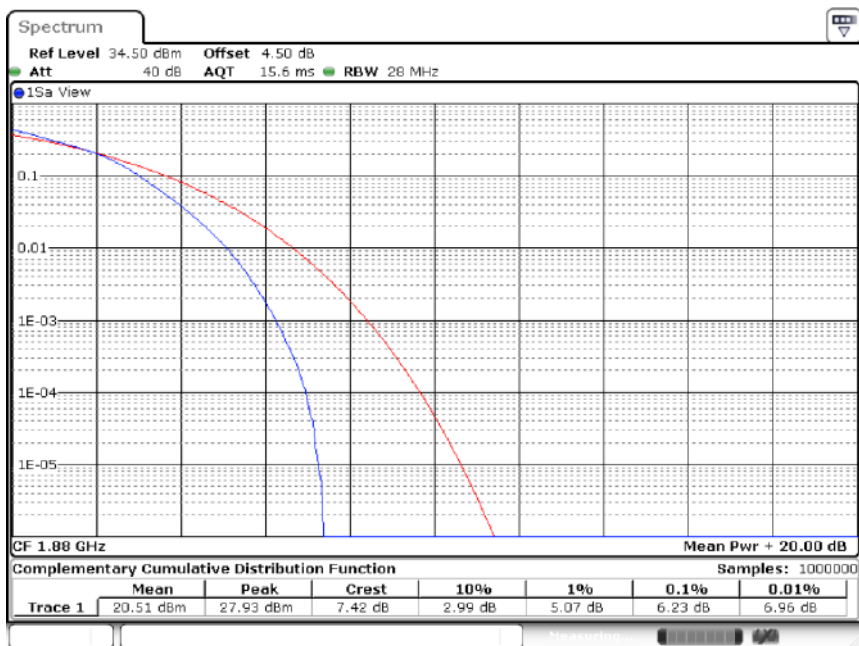
Member of the SGS Group (SGS SA)

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



Date: 3 SEP 2020 23:52:22

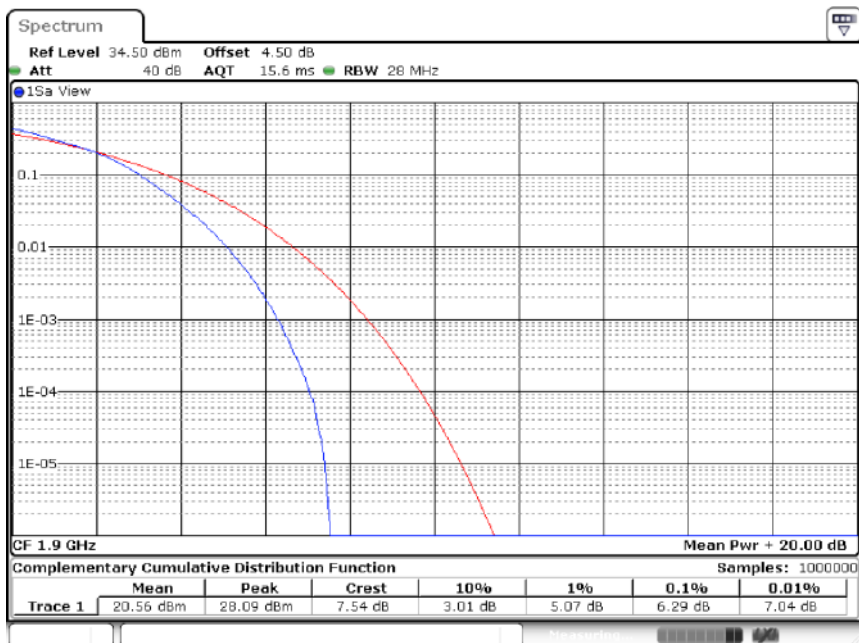
Band2-20MHz-64QAM-18900-100RB#0



Date: 3 SEP 2020 23:52:34

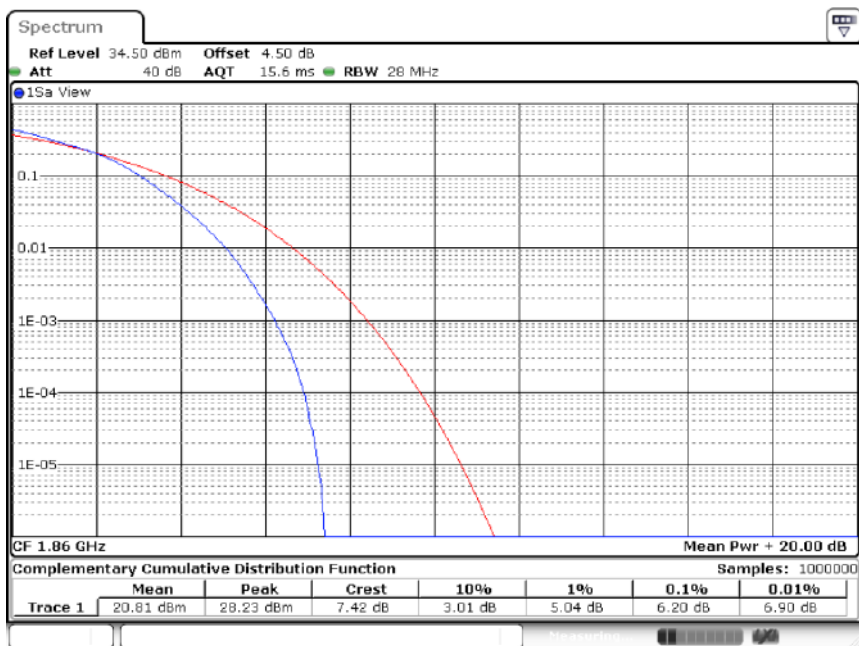


Band2-20MHz-64QAM-19100-100RB#0



Date: 3 SEP 2020 23:52:45

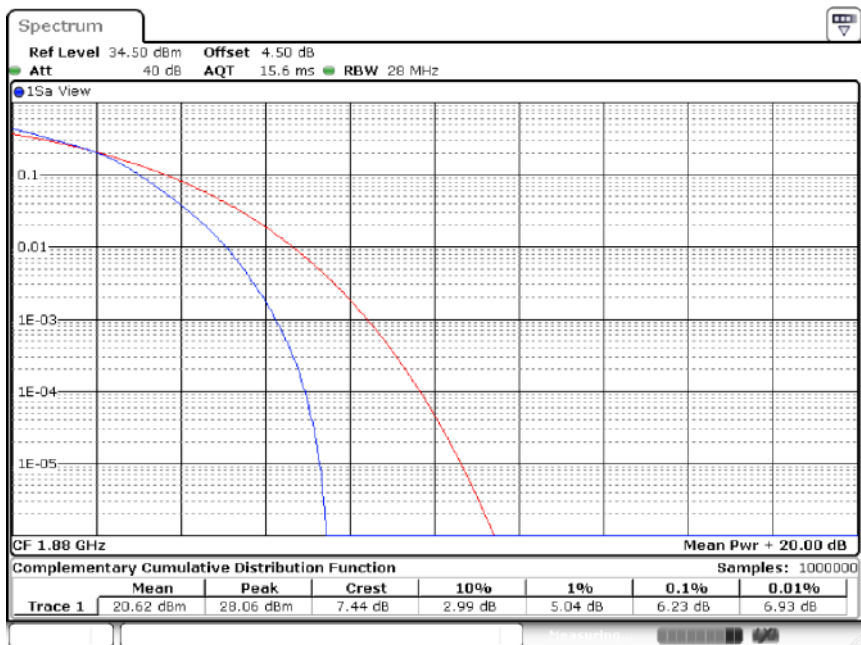
Band2-20MHz-16QAM-18700-100RB#0



Date: 3 SEP 2020 22:01:41

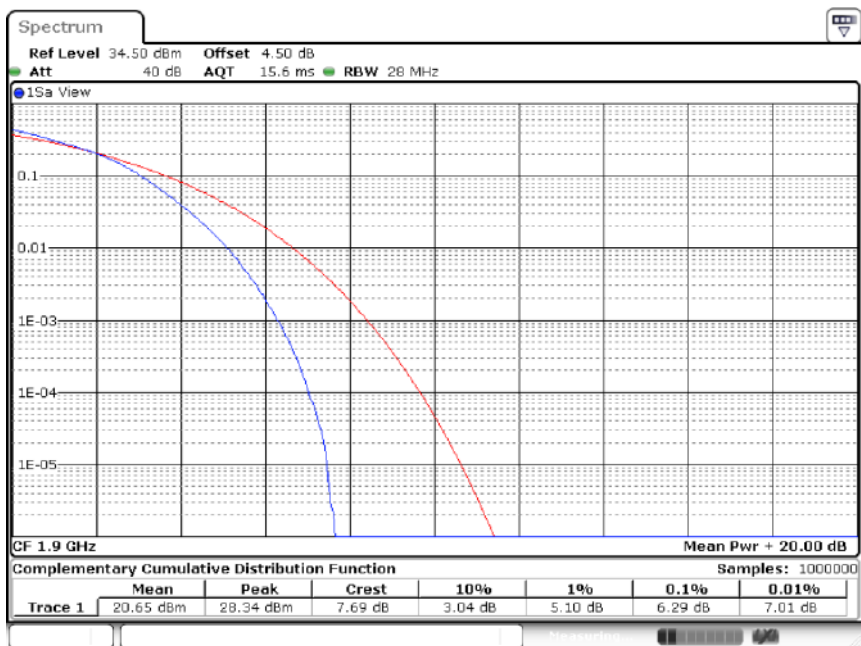


Band2-20MHz-16QAM-18900-100RB#0



Date: 3 SEP 2020 22:02:04

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



Date: 3 SEP 2020 22:02:26



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

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

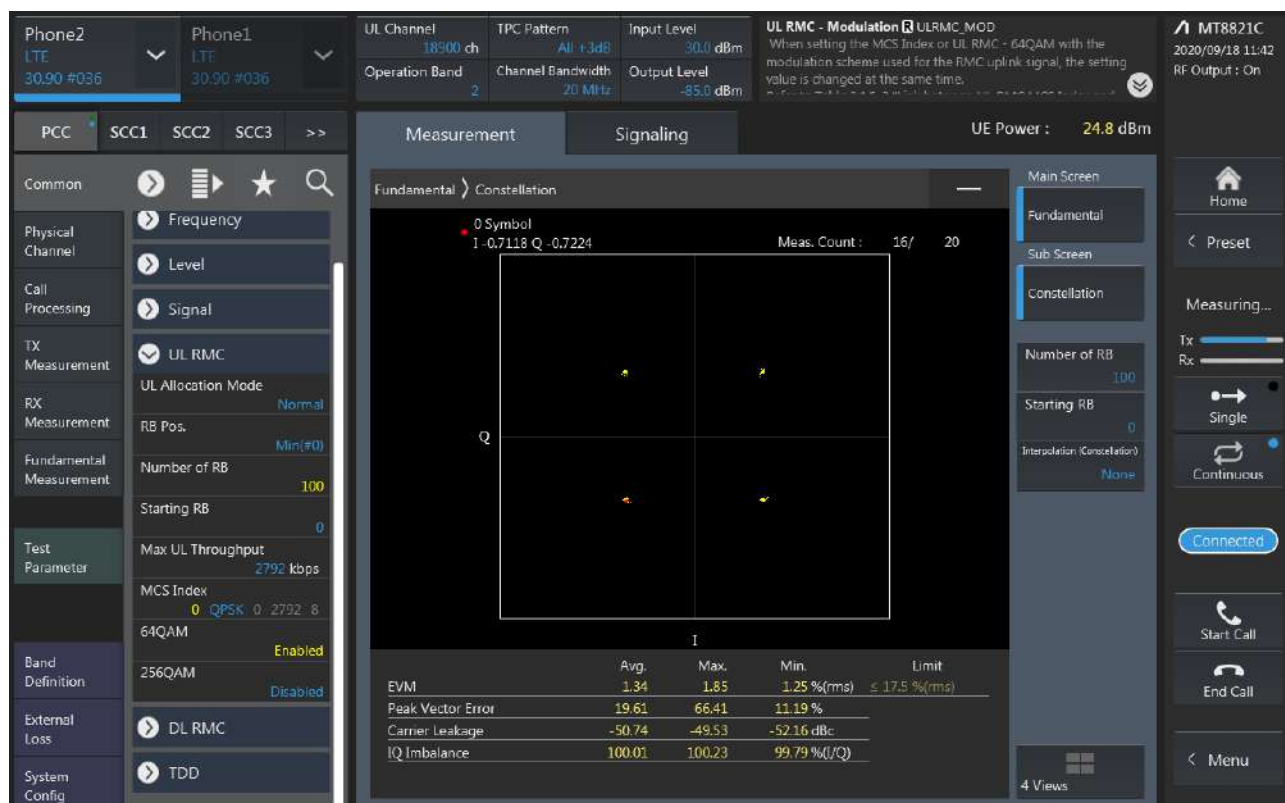
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

3. Modulation Characteristics

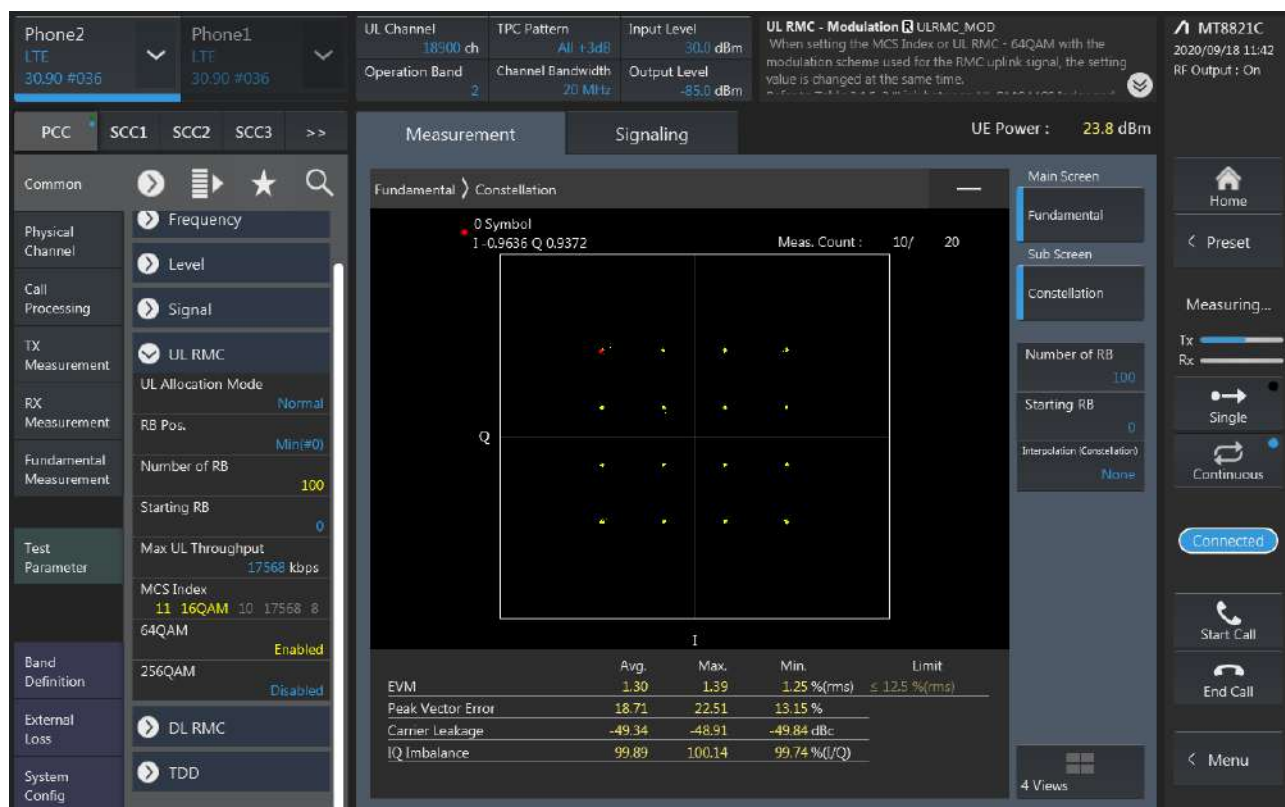
3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



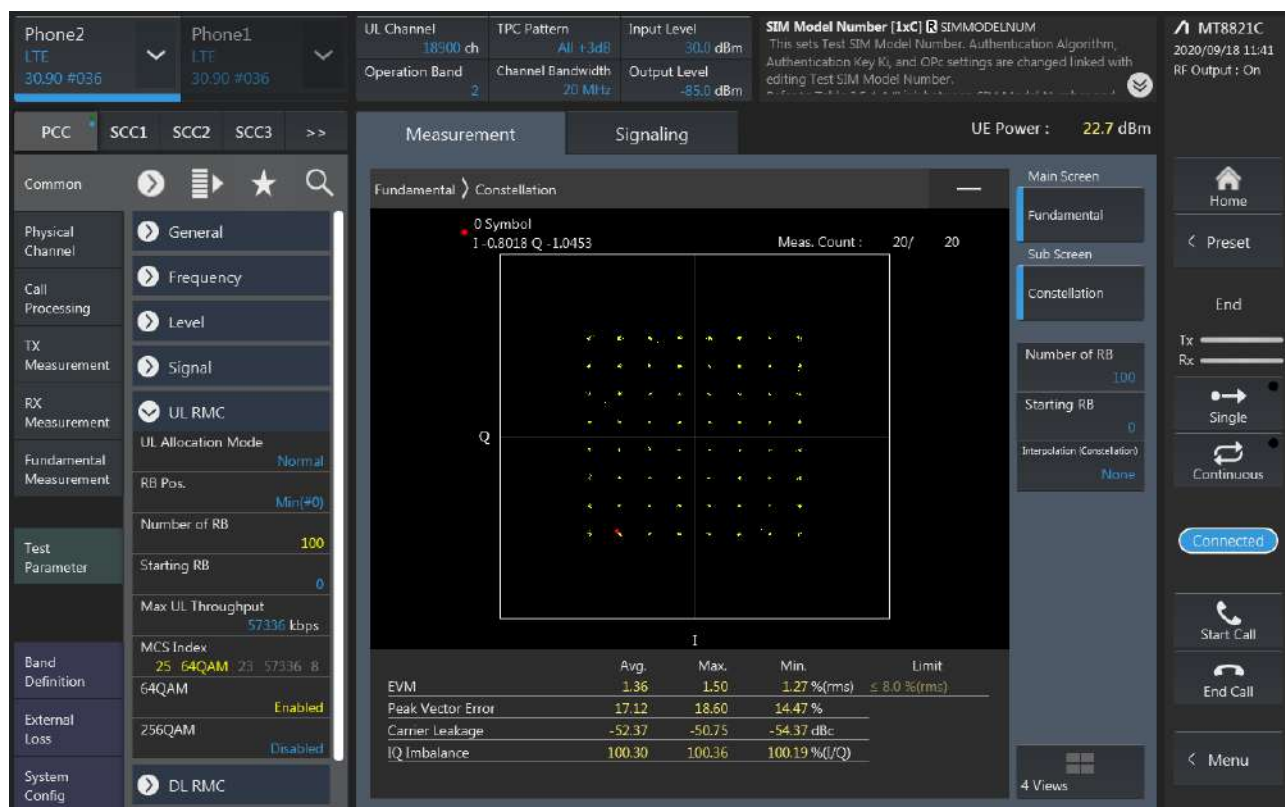
3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH



3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH



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

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



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	1.284	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.094	1.278	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.094	1.284	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.091	1.302	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.091	1.299	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.091	1.302	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.091	1.284	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.091	1.278	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.091	1.281	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.697	2.988	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.691	2.988	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.697	3.000	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.691	2.964	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.691	2.964	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.691	2.964	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.685	2.976	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.685	2.976	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.685	2.964	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.476	4.920	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.476	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	4.466	4.930	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.466	4.930	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.486	4.950	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.486	4.960	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.496	4.960	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.931	9.760	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.911	9.700	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.911	9.760	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.931	9.800	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 / 深圳分公司 / 实验室

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	9.800	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.911	9.780	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.931	9.740	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.951	9.720	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.931	9.780	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.427	14.760	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.487	14.730	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.427	14.730	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.427	14.790	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.457	14.760	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.457	14.760	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.457	14.760	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.457	14.760	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.427	14.700	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.902	19.360	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.902	19.440	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.902	19.440	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.862	19.400	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.862	19.400	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.862	19.400	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.862	19.480	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.902	19.440	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.862	19.400	PASS

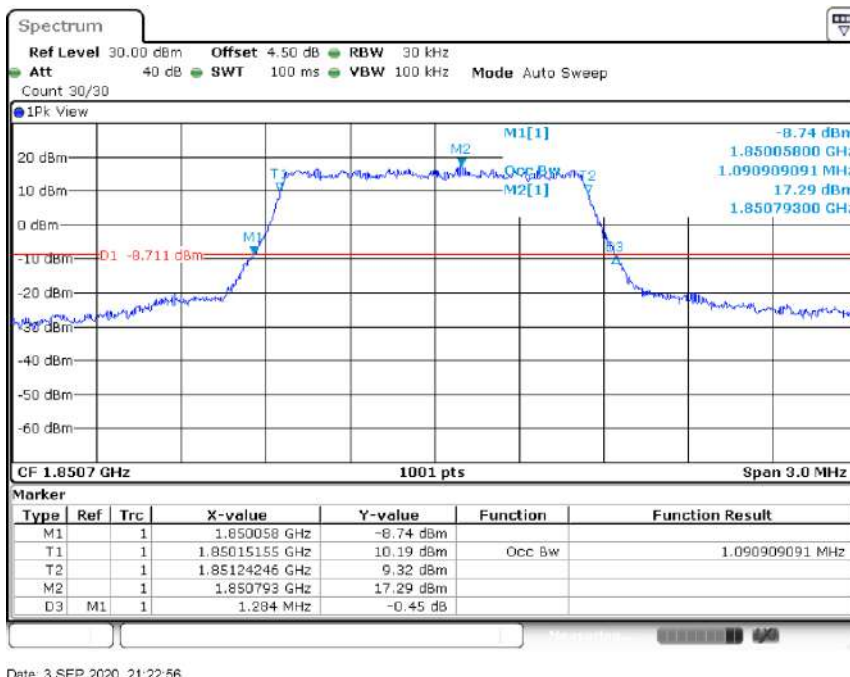


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

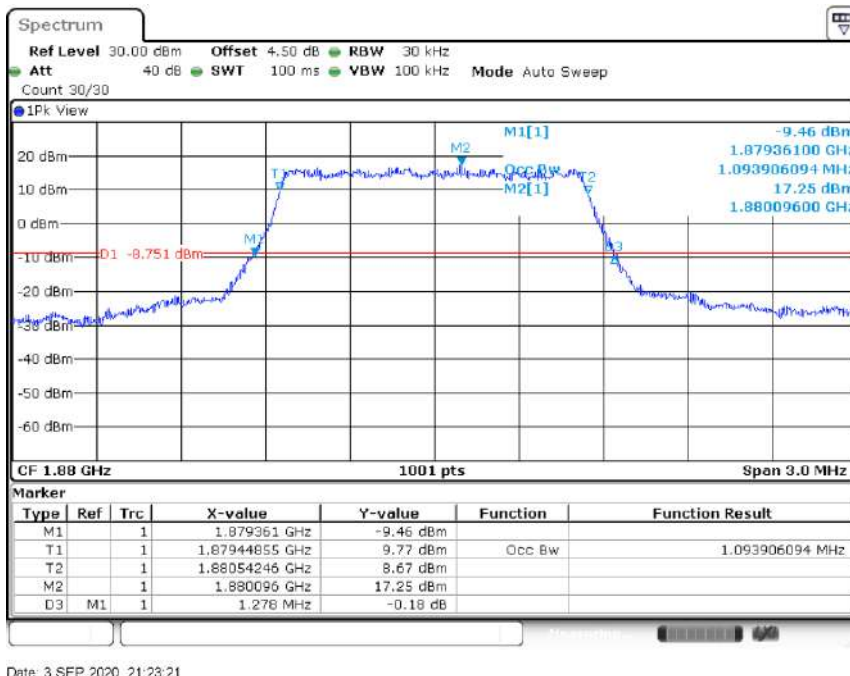
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

4.2. Test Plots

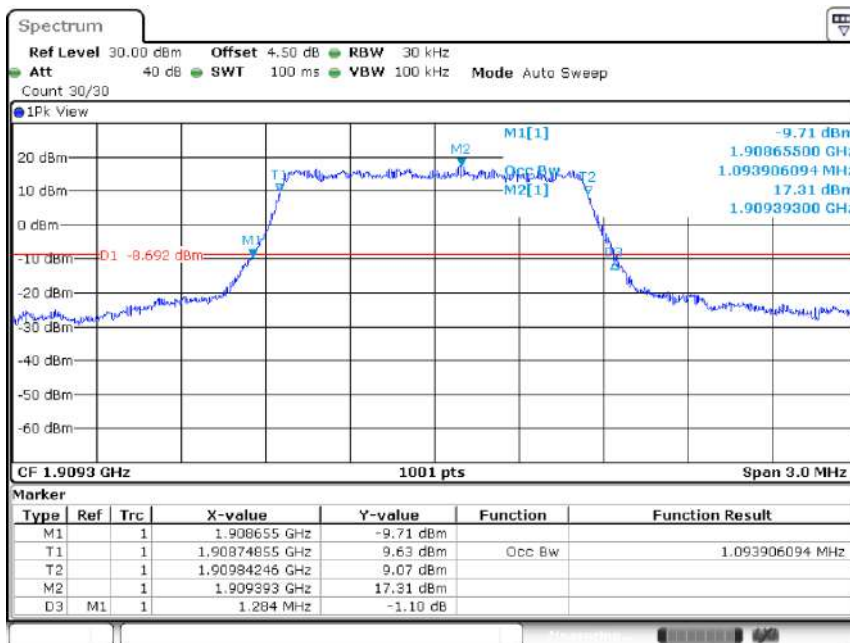
Band2-1.4MHz-QPSK-18607-6RB#0-1.091



Band2-1.4MHz-QPSK-18900-6RB#0-1.094

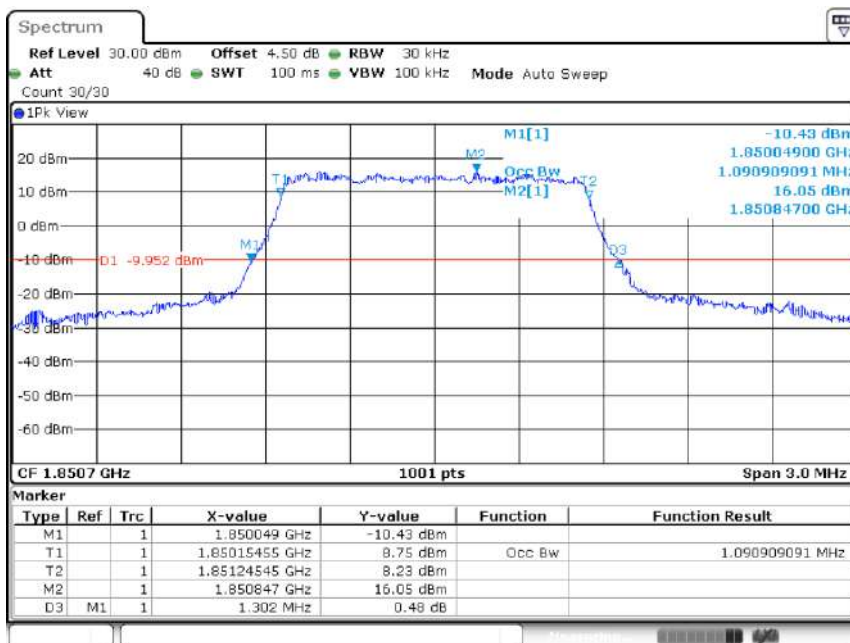


Band2-1.4MHz-QPSK-19193-6RB#0-1.094



Date: 3.SEP.2020 21:23:47

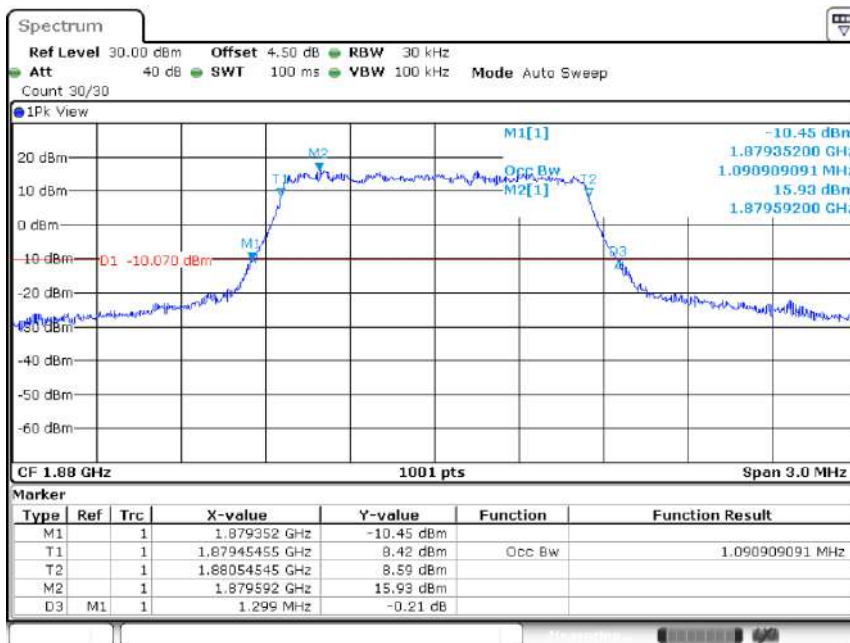
Band2-1.4MHz-64QAM-18607-6RB#0-1.091



Date: 3.SEP.2020 23:31:59

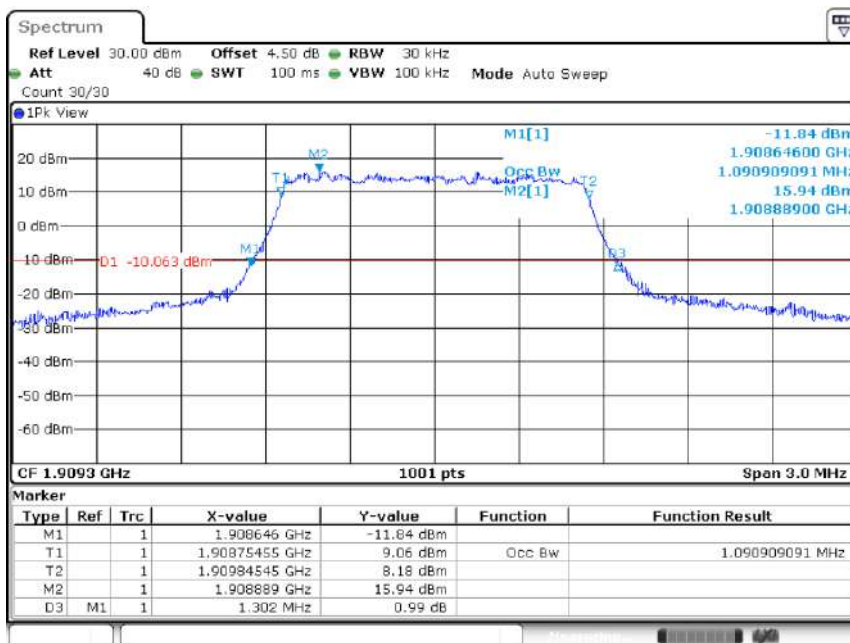


Band2-1.4MHz-64QAM-18900-6RB#0-1.091



Date: 3.SEP.2020 23:32:12

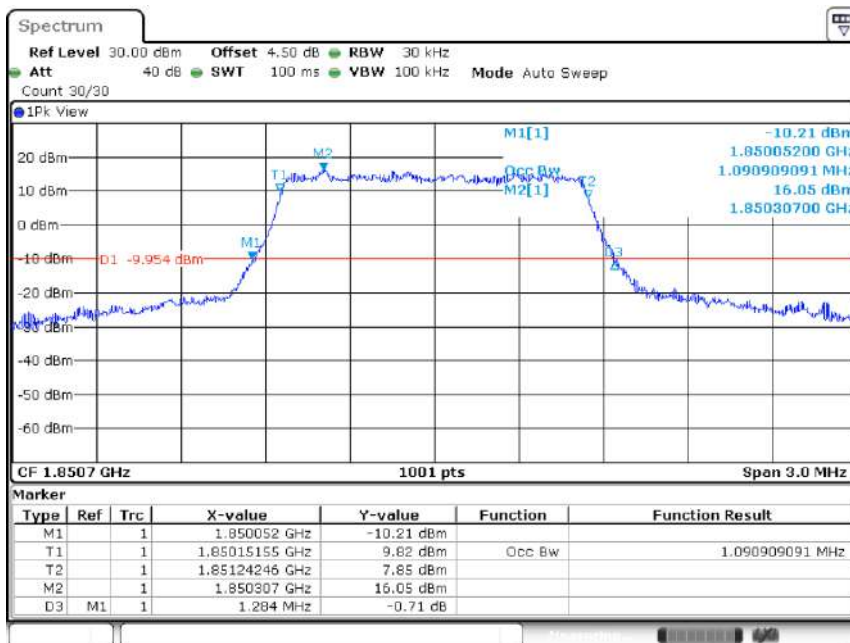
Band2-1.4MHz-64QAM-19193-6RB#0-1.091



Date: 3.SEP.2020 23:32:26

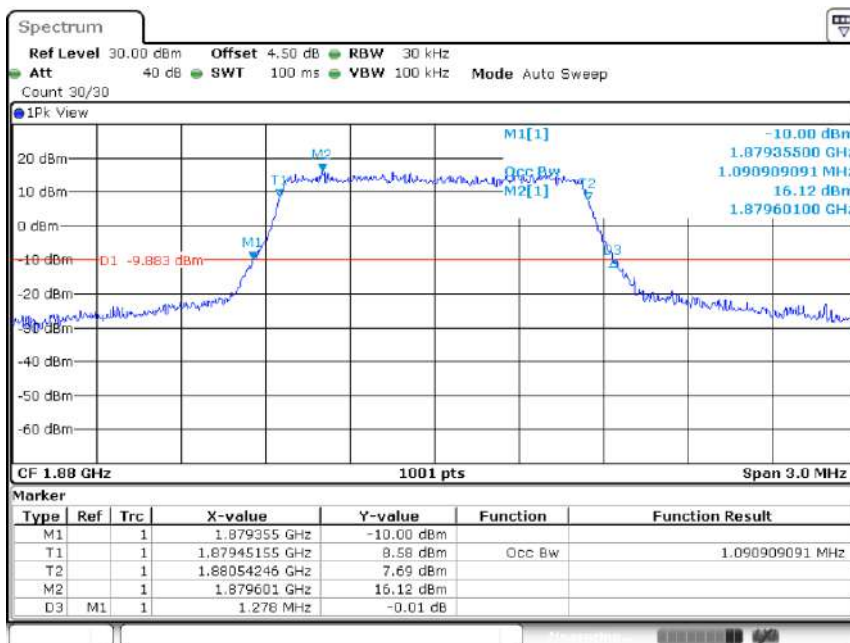


Band2-1.4MHz-16QAM-18607-6RB#0-1.091



Date: 3.SEP.2020 21:23:08

Band2-1.4MHz-16QAM-18900-6RB#0-1.091



Date: 3.SEP.2020 21:23:34



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

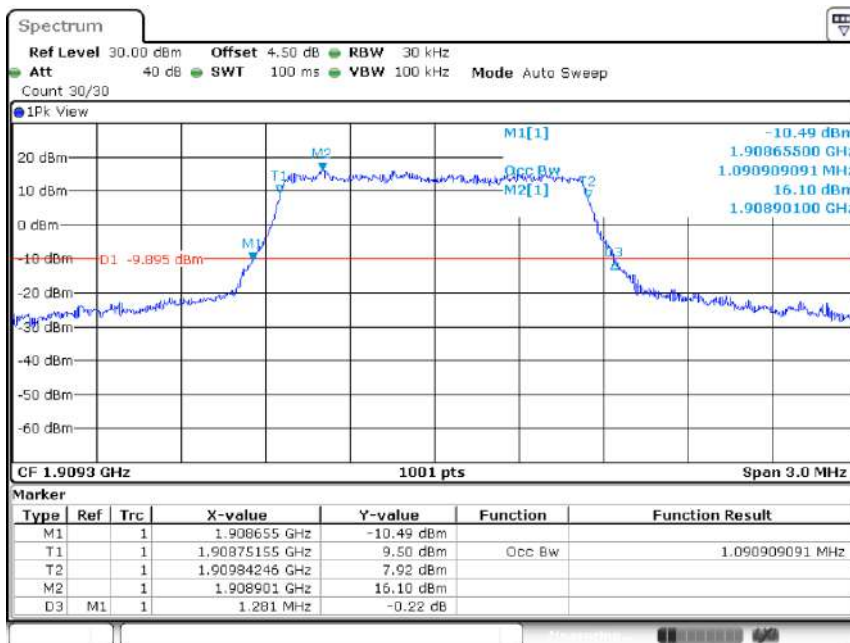
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or 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

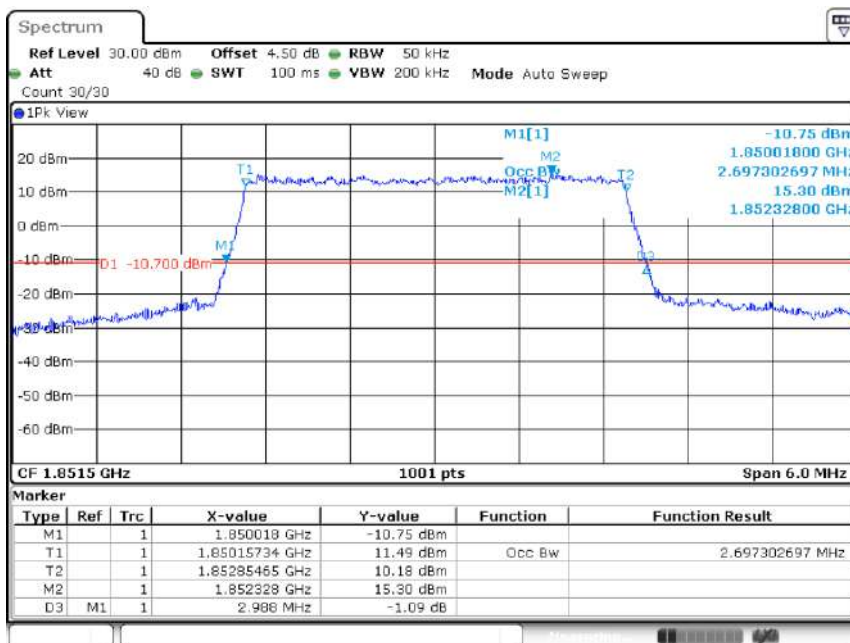
Member of the SGS Group (SGS SA)

Band2-1.4MHz-16QAM-19193-6RB#0-1.091



Date: 3.SEP.2020 21:23:59

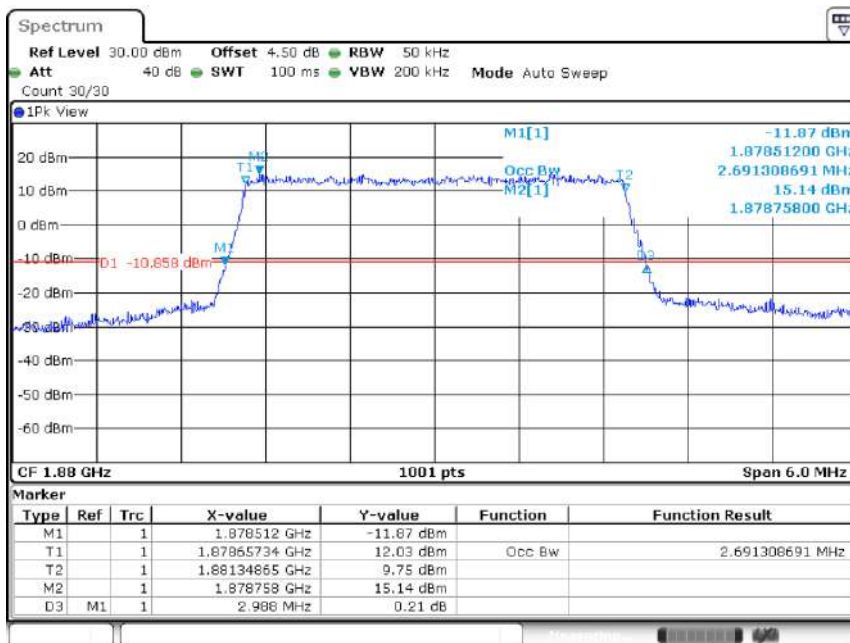
Band2-3MHz-QPSK-18615-15RB#0-2.697



Date: 3.SEP.2020 21:24:17

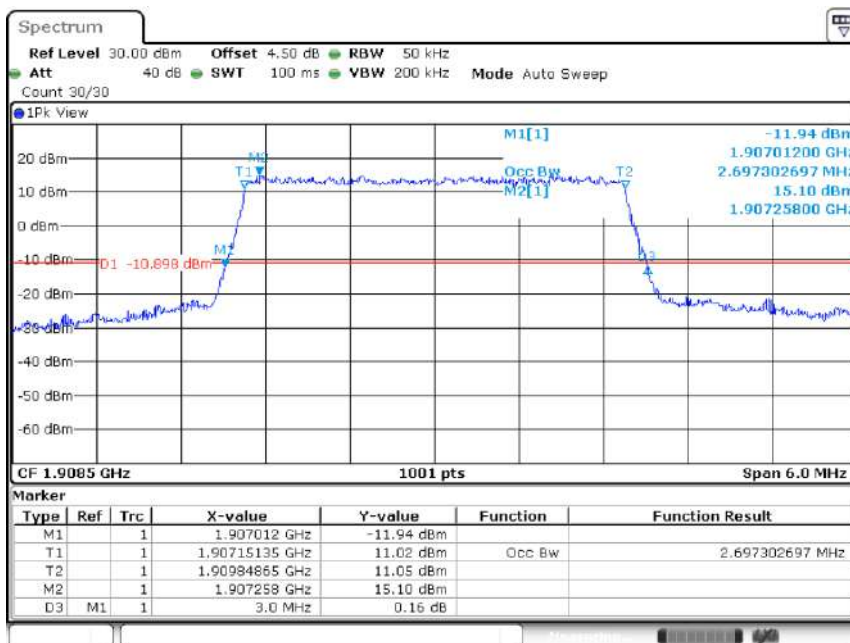


Band2-3MHz-QPSK-18900-15RB#0-2.691



Date: 3.SEP.2020 21:24:43

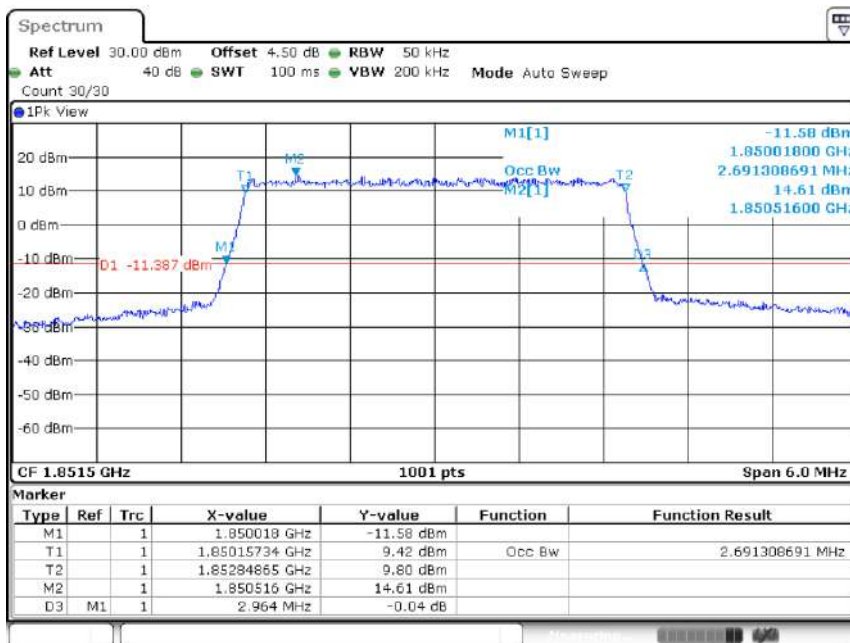
Band2-3MHz-QPSK-19185-15RB#0-2.697



Date: 3.SEP.2020 21:25:08

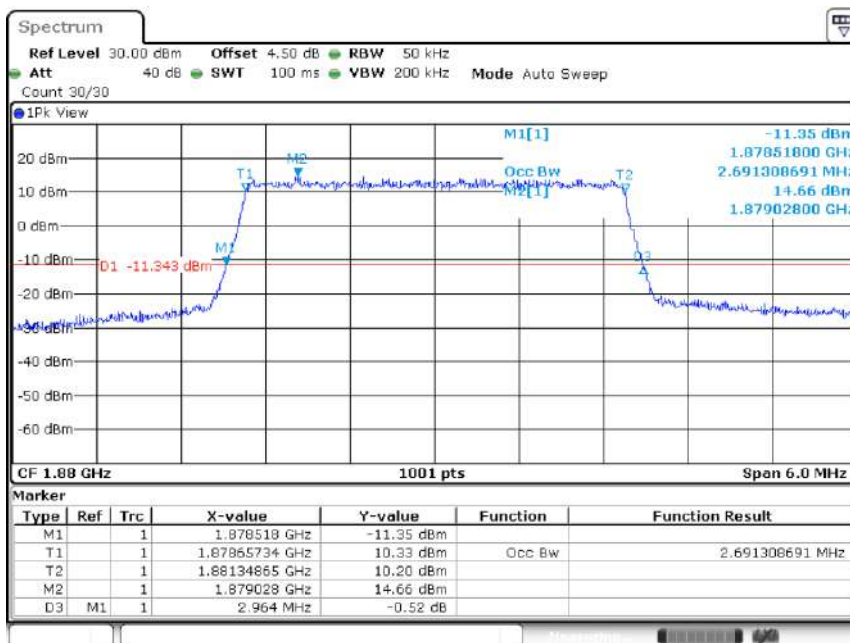


Band2-3MHz-64QAM-18615-15RB#0-2.691



Date: 3.SEP.2020 23:32:43

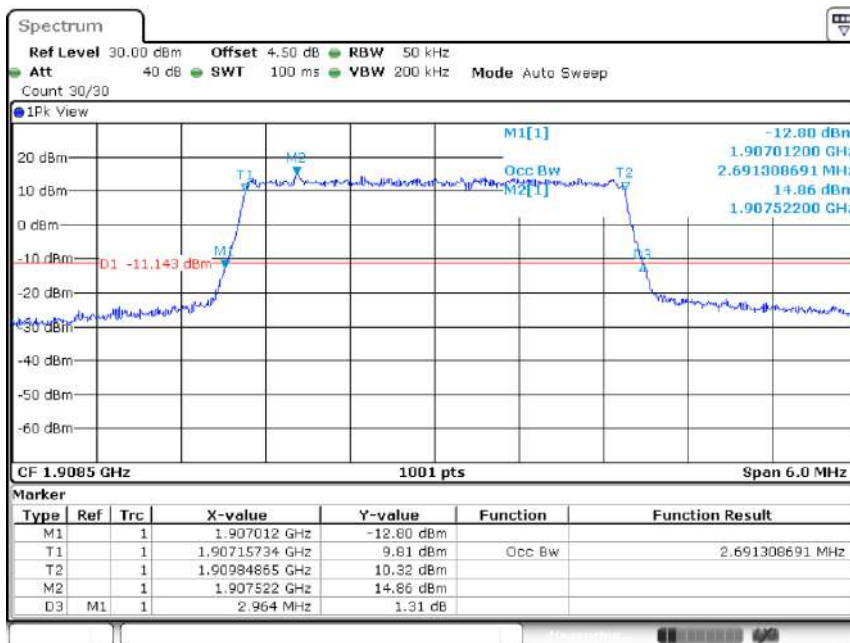
Band2-3MHz-64QAM-18900-15RB#0-2.691



Date: 3.SEP.2020 23:32:56

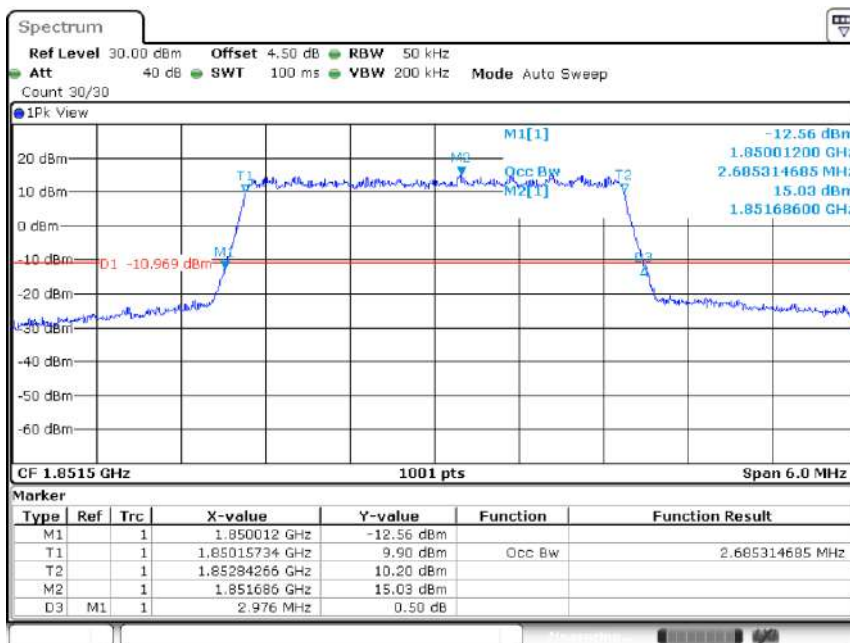


Band2-3MHz-64QAM-19185-15RB#0-2.691



Date: 3.SEP.2020 23:33:09

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



Date: 3.SEP.2020 21:24:30



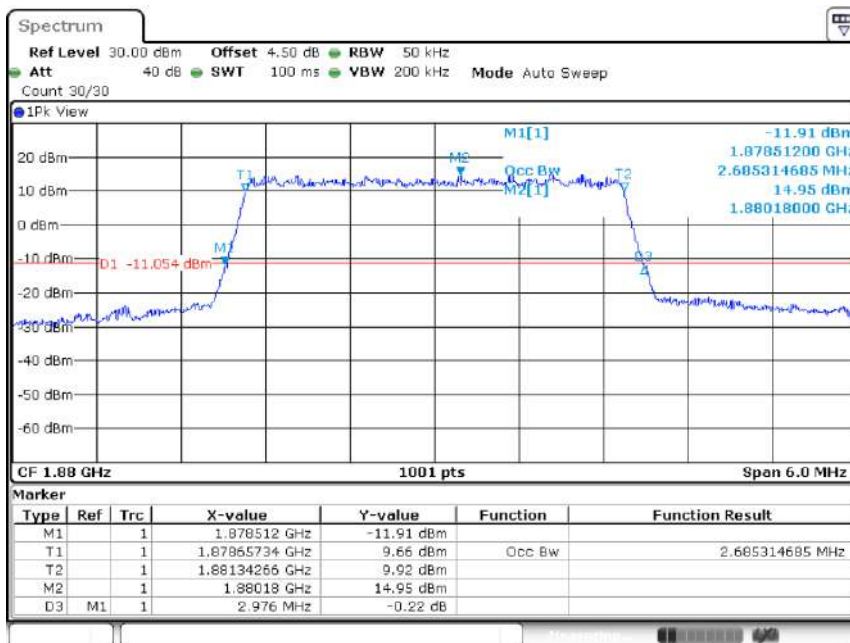
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or 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

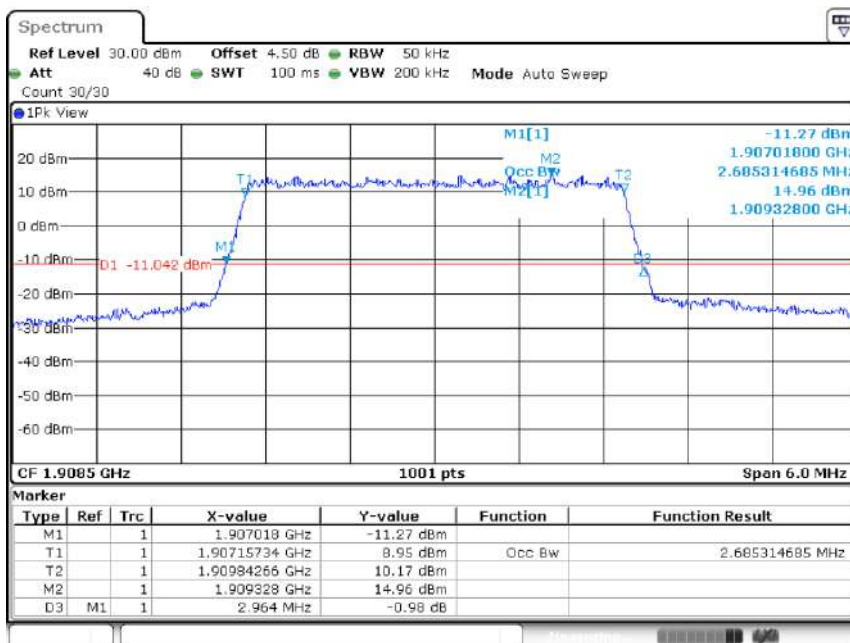
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 3.SEP.2020 21:24:56

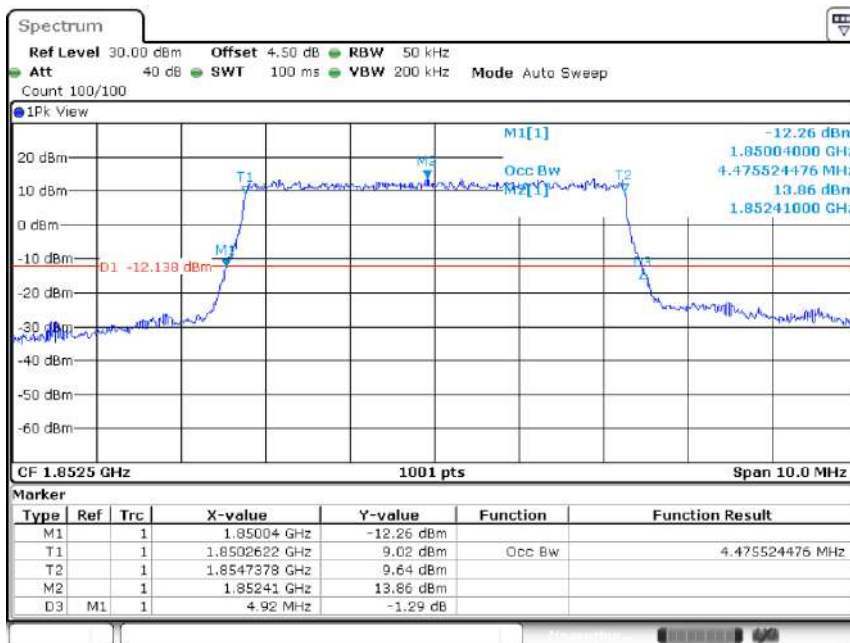
Band2-3MHz-16QAM-19185-15RB#0-2.685



Date: 3.SEP.2020 21:25:21

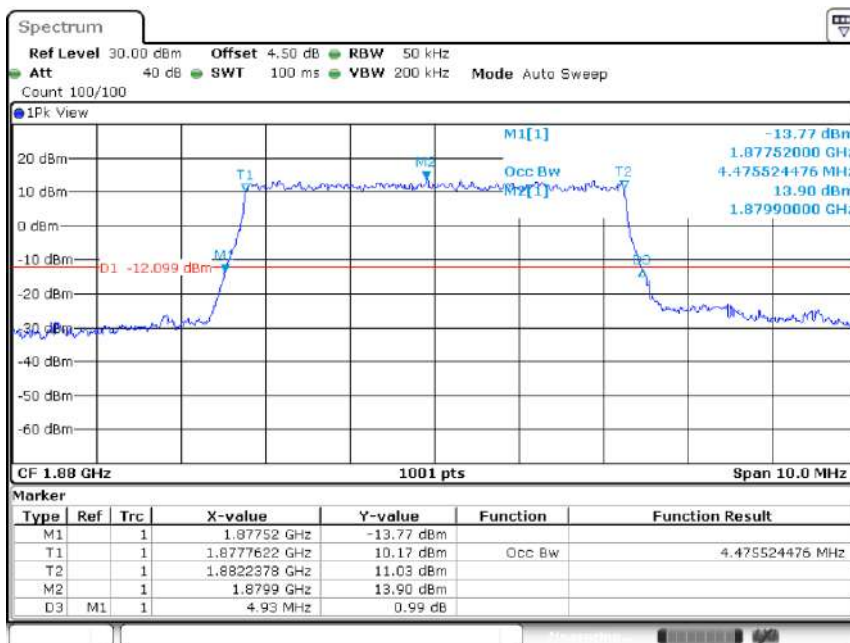


Band2-5MHz-QPSK-18625-25RB#0-4.476



Date: 3.SEP.2020 21:25:46

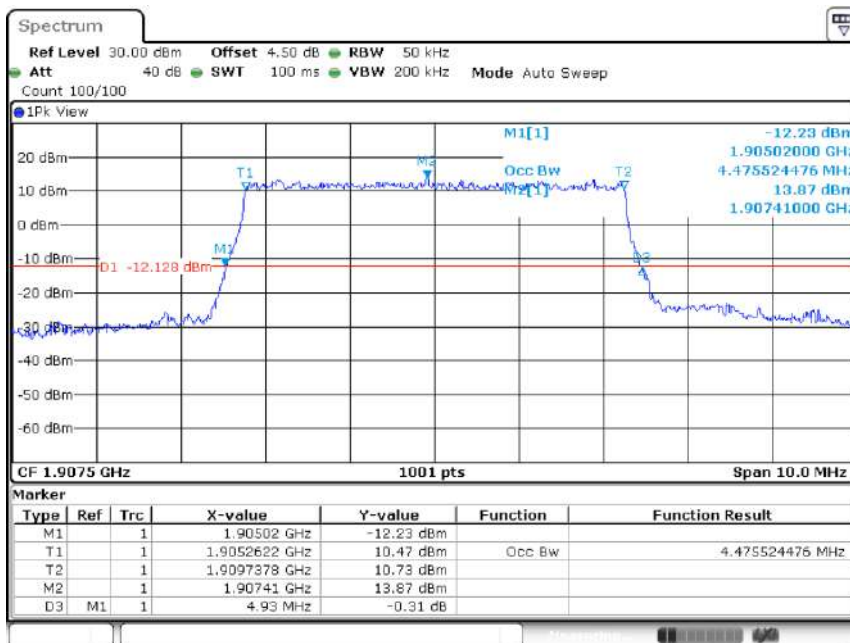
Band2-5MHz-QPSK-18900-25RB#0-4.476



Date: 3.SEP.2020 21:26:25

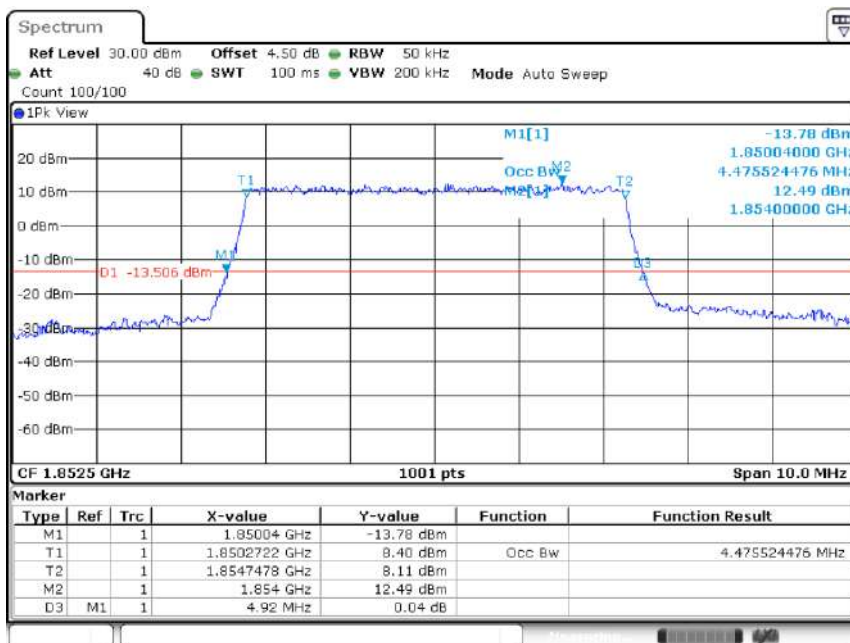


Band2-5MHz-QPSK-19175-25RB#0-4.476



Date: 3.SEP.2020 21:27:05

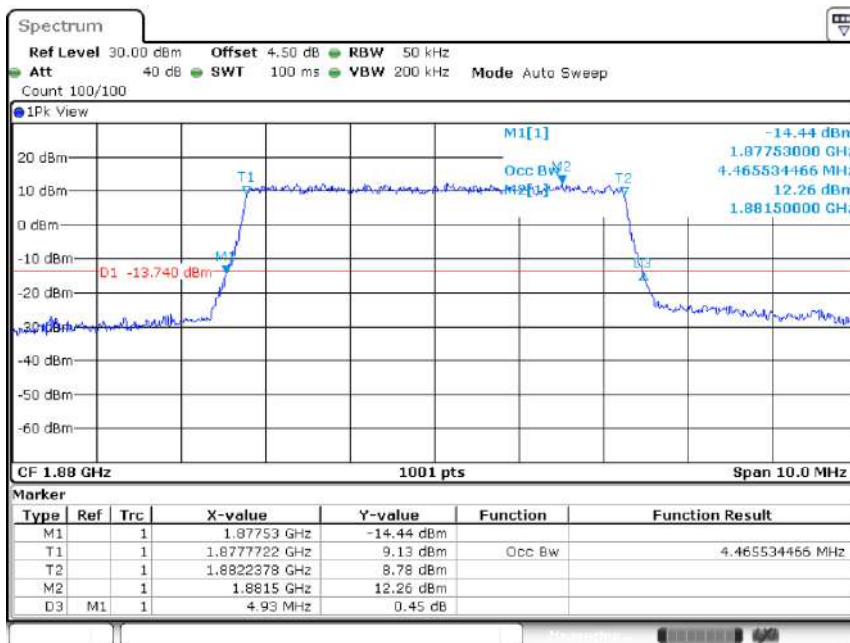
Band2-5MHz-64QAM-18625-25RB#0-4.476



Date: 3.SEP.2020 23:33:34

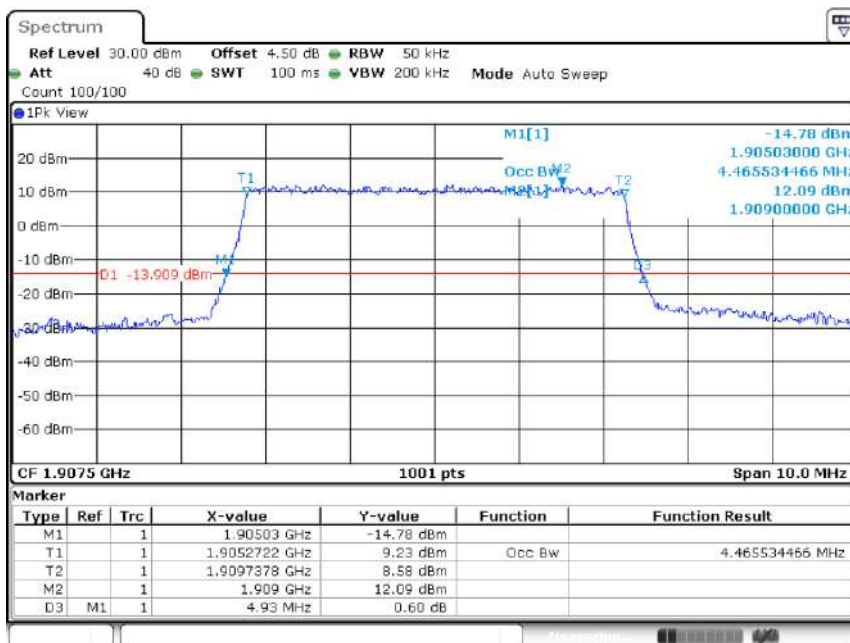


Band2-5MHz-64QAM-18900-25RB#0-4.466



Date: 3.SEP.2020 23:33:54

Band2-5MHz-64QAM-19175-25RB#0-4.466



Date: 3.SEP.2020 23:34:14



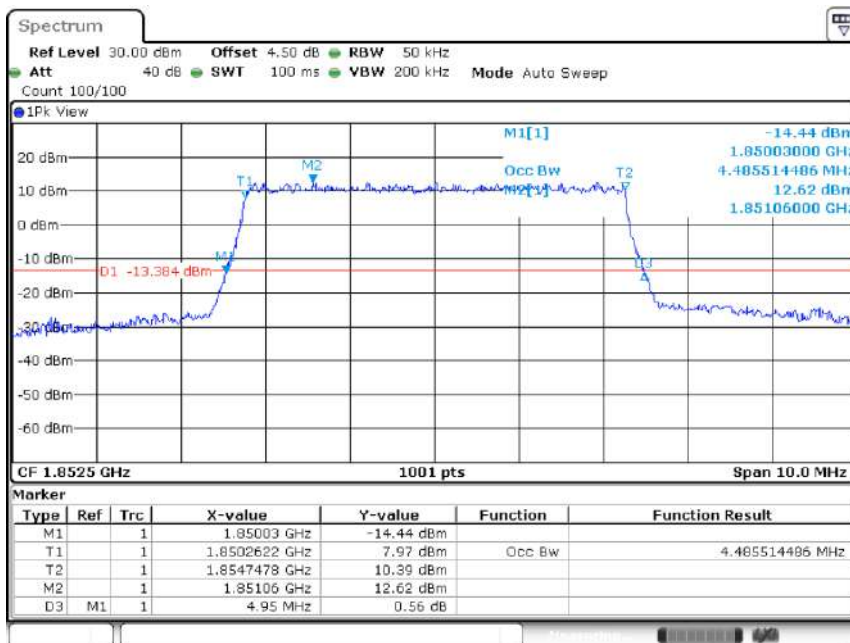
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or 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

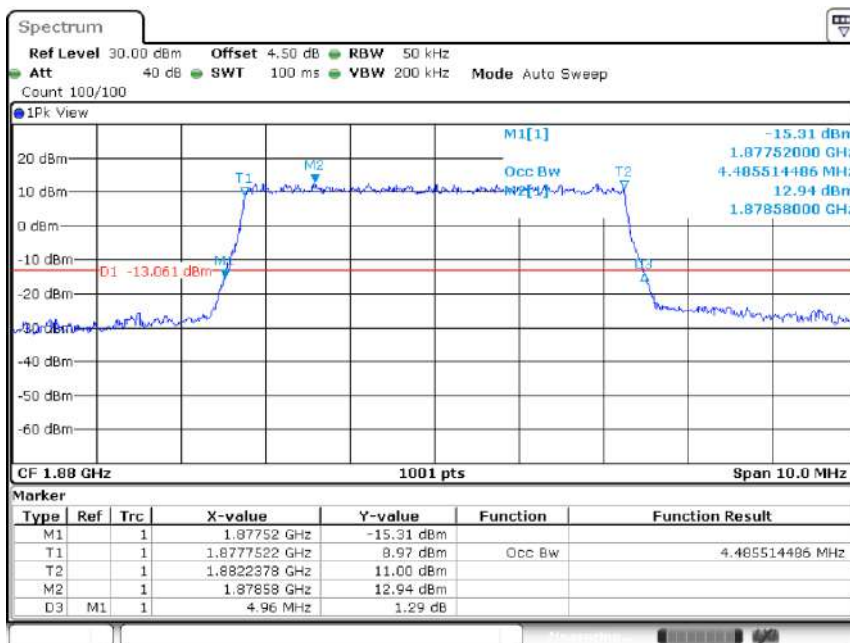
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band2-5MHz-16QAM-18625-25RB#0-4.486



Date: 3.SEP.2020 21:26:05

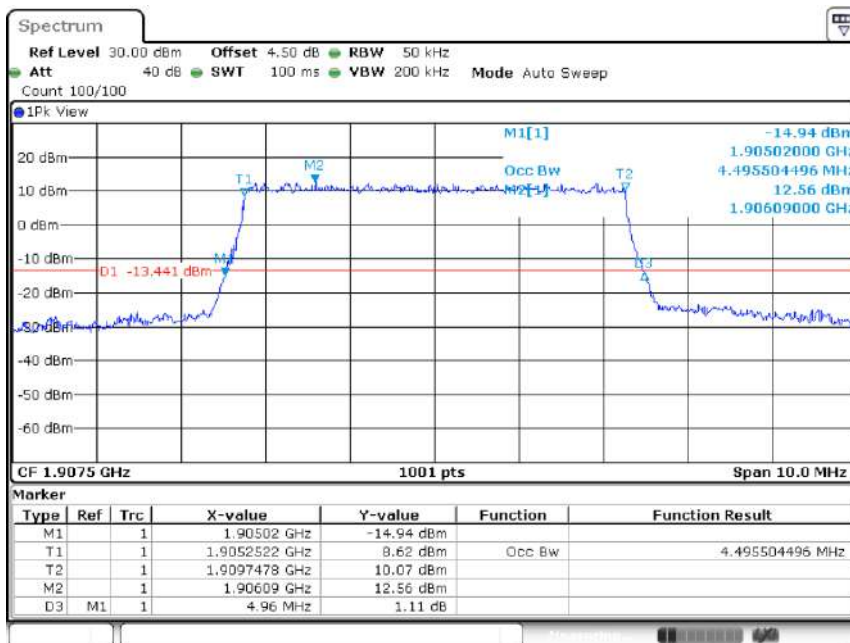
Band2-5MHz-16QAM-18900-25RB#0-4.486



Date: 3.SEP.2020 21:26:45

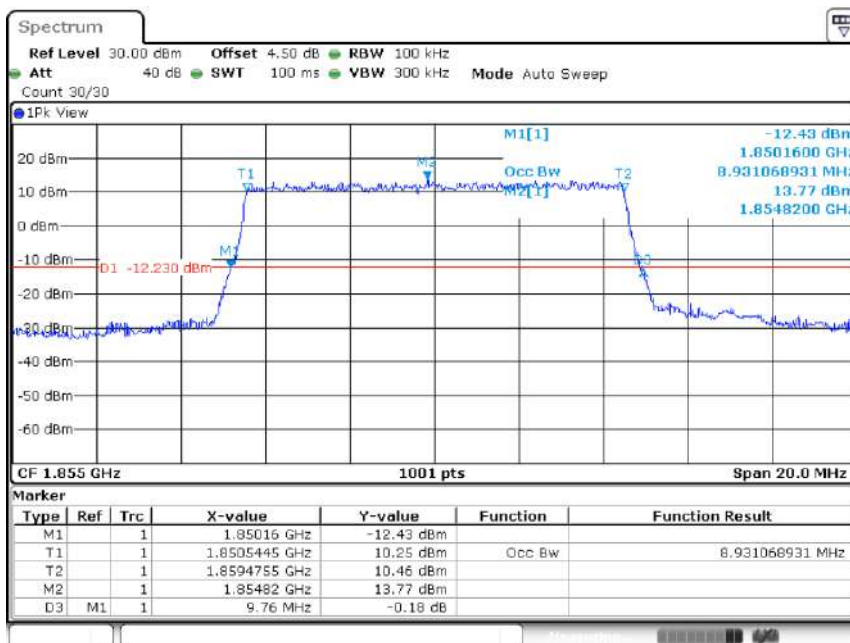


Band2-5MHz-16QAM-19175-25RB#0-4.496



Date: 3.SEP.2020 21:27:25

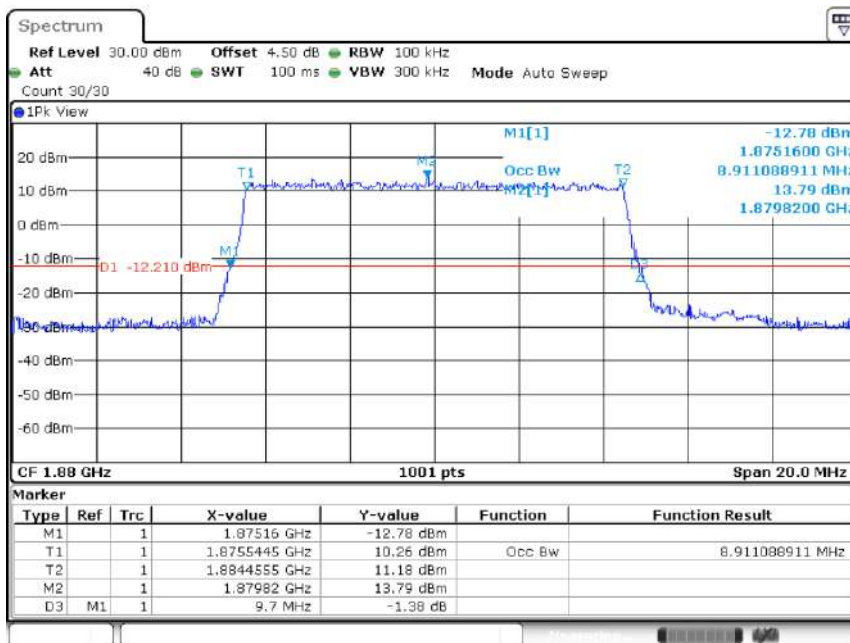
Band2-10MHz-QPSK-18650-50RB#0-8.931



Date: 3.SEP.2020 21:27:42

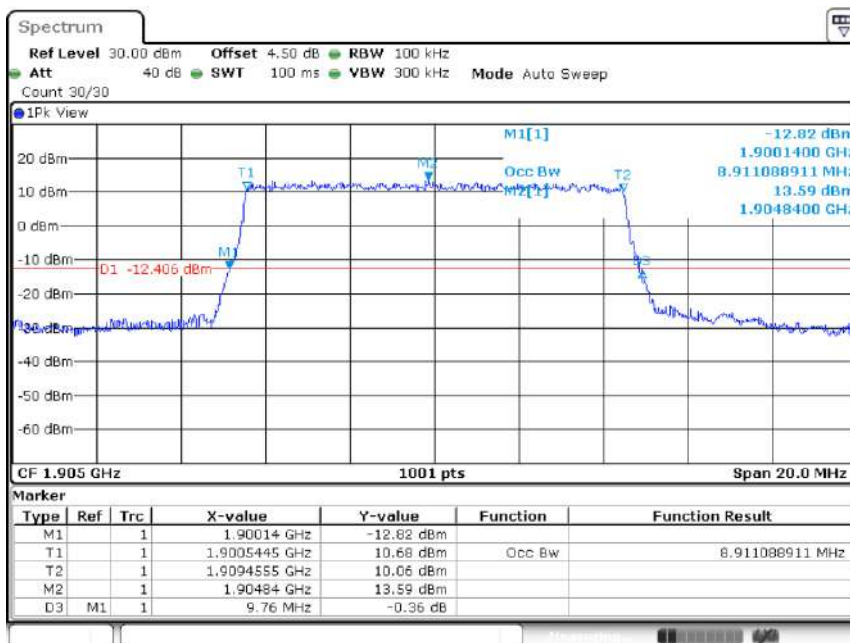


Band2-10MHz-QPSK-18900-50RB#0-8.911



Date: 3.SEP.2020 21:28:08

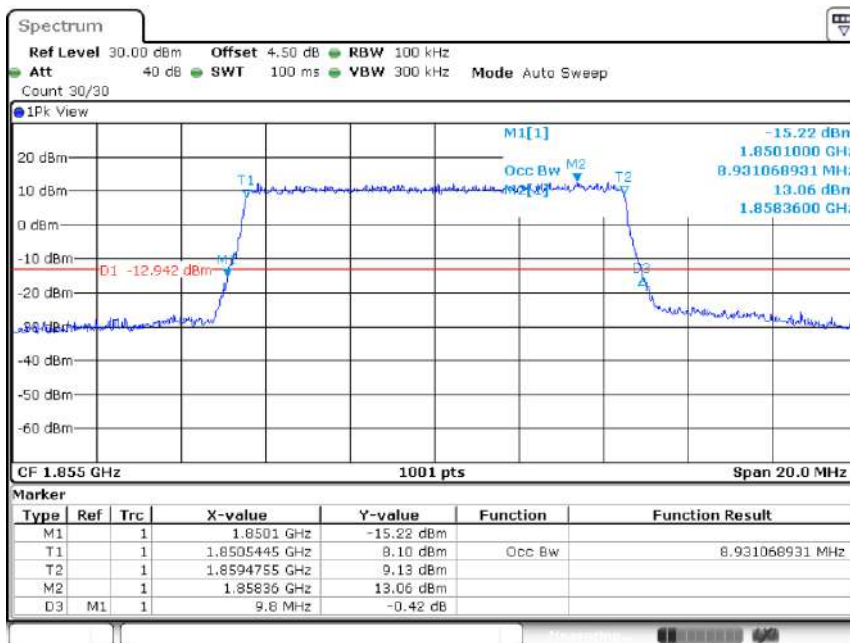
Band2-10MHz-QPSK-19150-50RB#0-8.911



Date: 3.SEP.2020 21:28:33

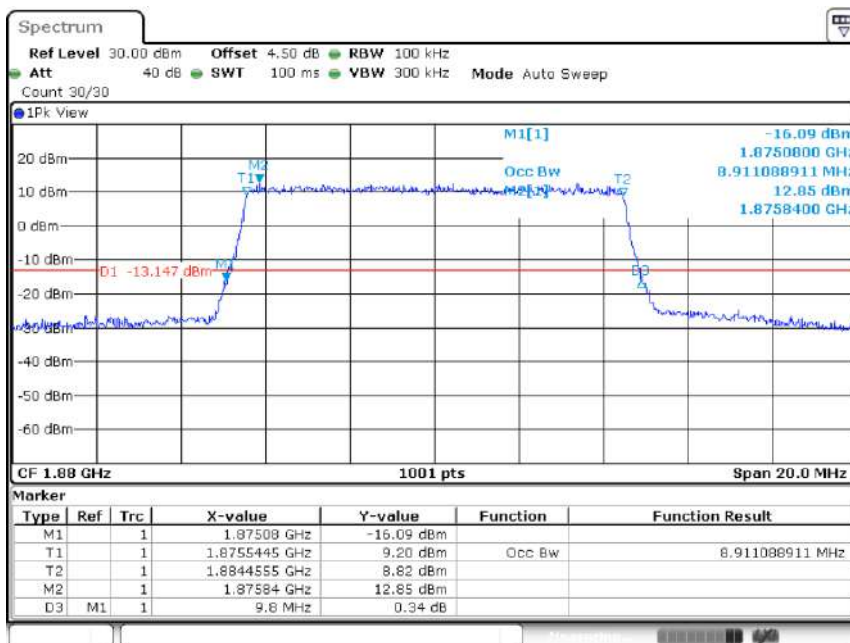


Band2-10MHz-64QAM-18650-50RB#0-8.931



Date: 3.SEP.2020 23:34:32

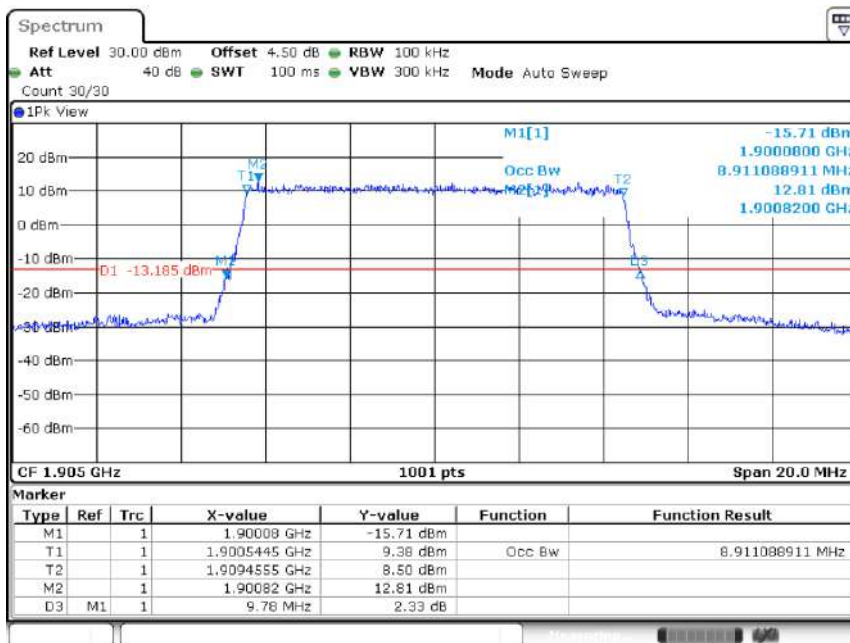
Band2-10MHz-64QAM-18900-50RB#0-8.911



Date: 3.SEP.2020 23:34:45

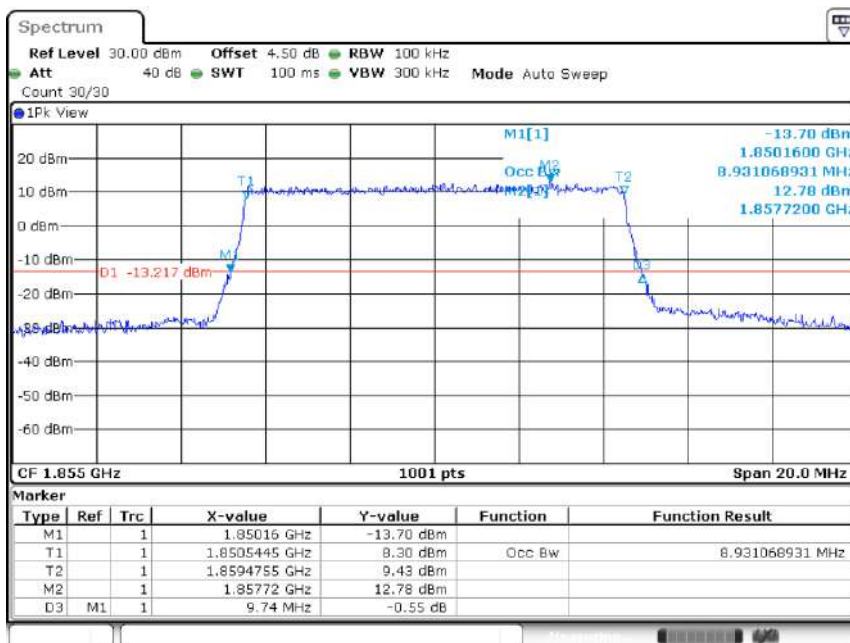


Band2-10MHz-64QAM-19150-50RB#0-8.911



Date: 3.SEP.2020 23:34:58

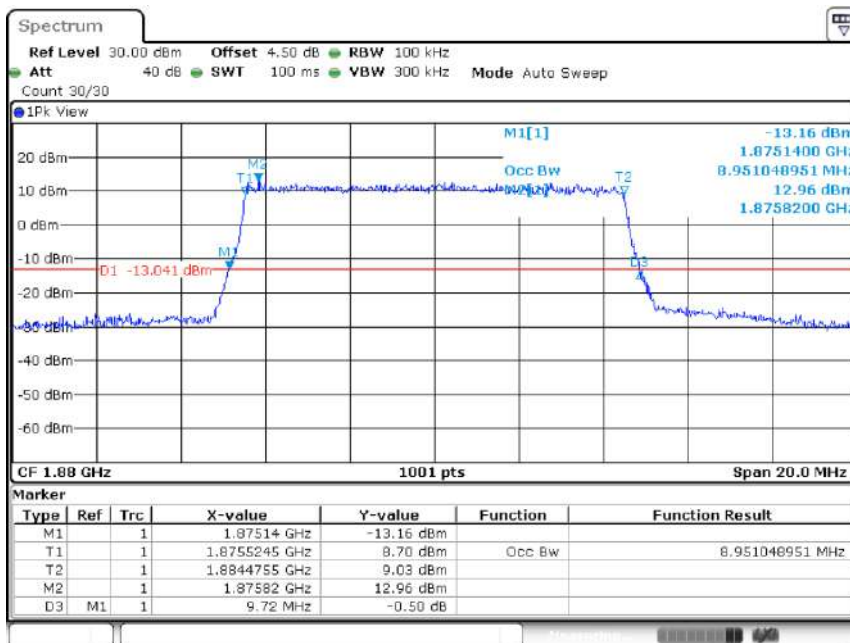
Band2-10MHz-16QAM-18650-50RB#0-8.931



Date: 3.SEP.2020 21:27:55

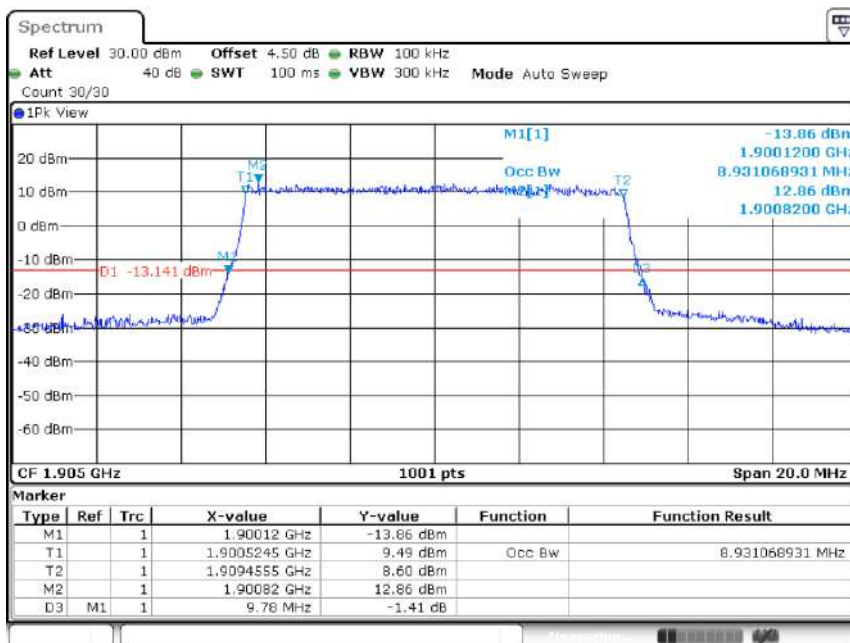


Band2-10MHz-16QAM-18900-50RB#0-8.951



Date: 3.SEP.2020 21:28:20

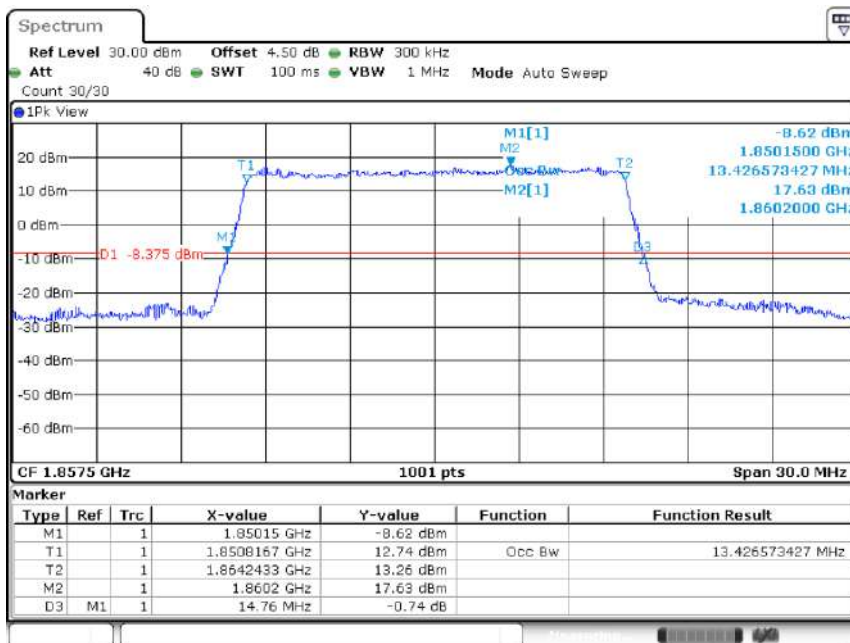
Band2-10MHz-16QAM-19150-50RB#0-8.931



Date: 3.SEP.2020 21:28:46

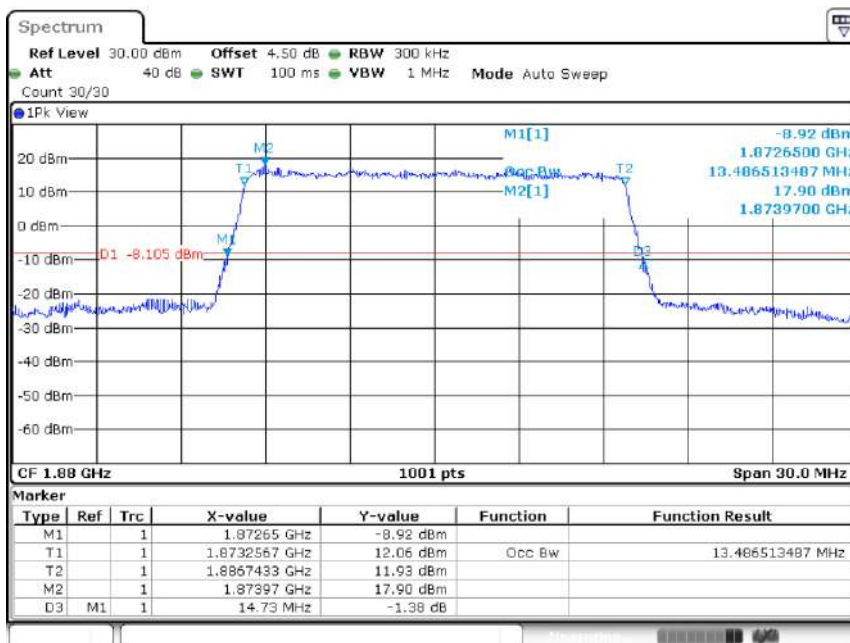


Band2-15MHz-QPSK-18675-75RB#0-13.427



Date: 3.SEP.2020 21:29:04

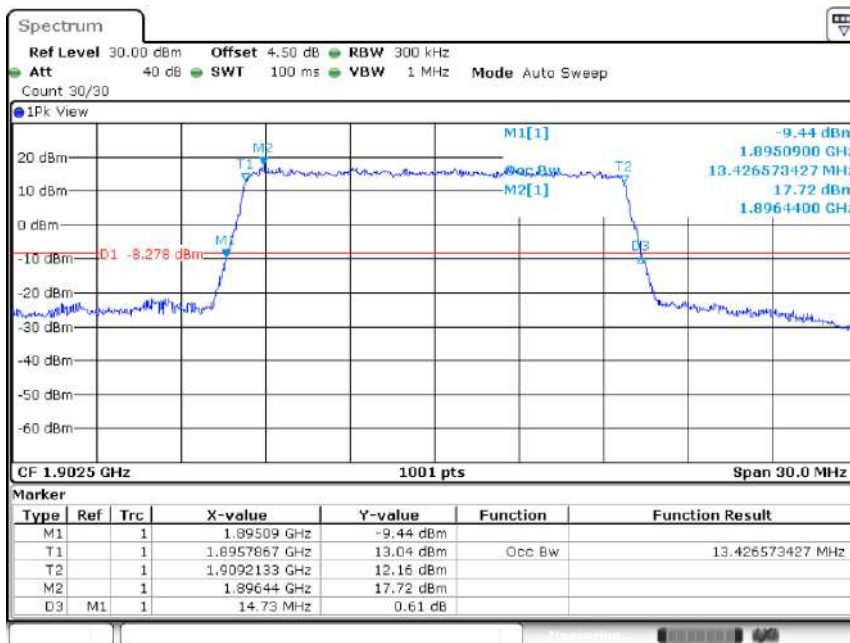
Band2-15MHz-QPSK-18900-75RB#0-13.487



Date: 3.SEP.2020 21:29:29

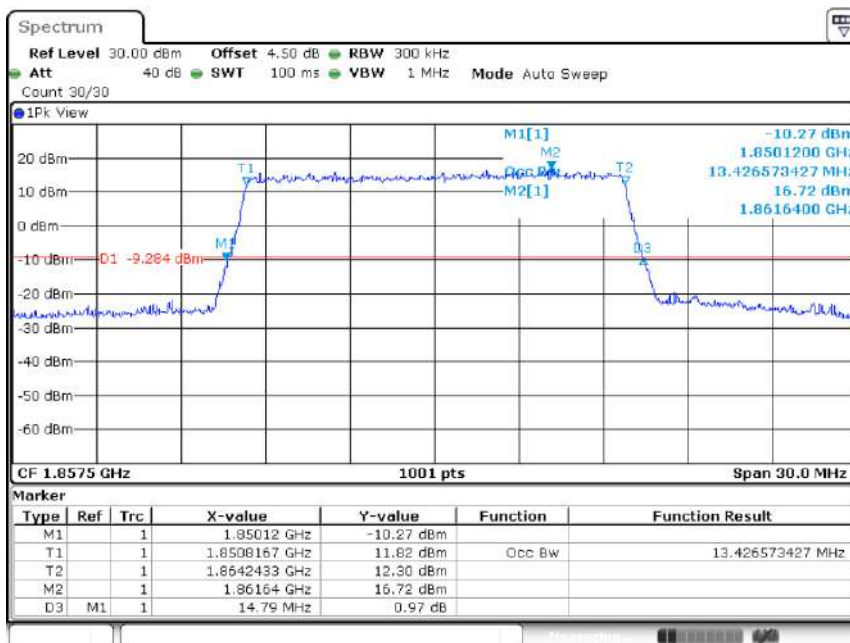


Band2-15MHz-QPSK-19125-75RB#0-13.427



Date: 3.SEP.2020 21:29:55

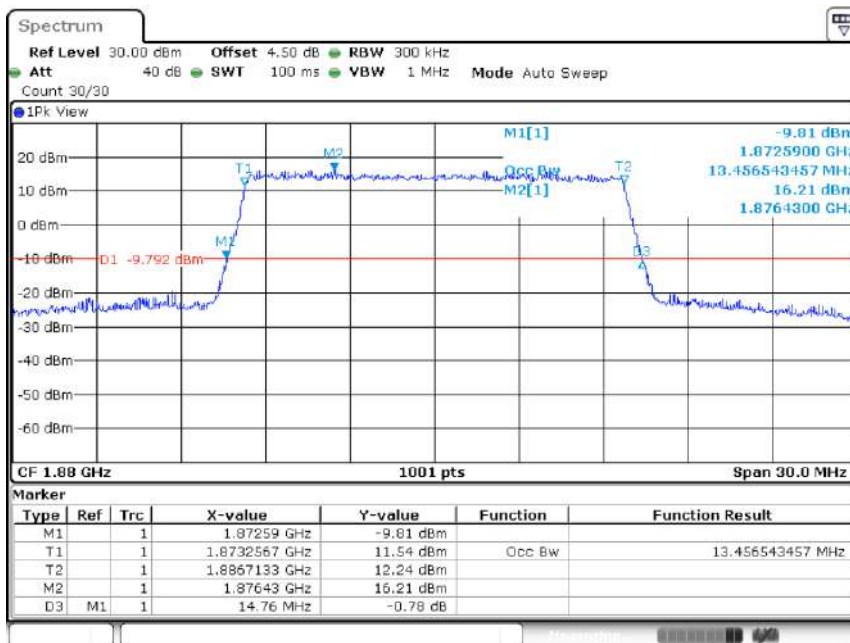
Band2-15MHz-64QAM-18675-75RB#0-13.427



Date: 3.SEP.2020 23:35:16

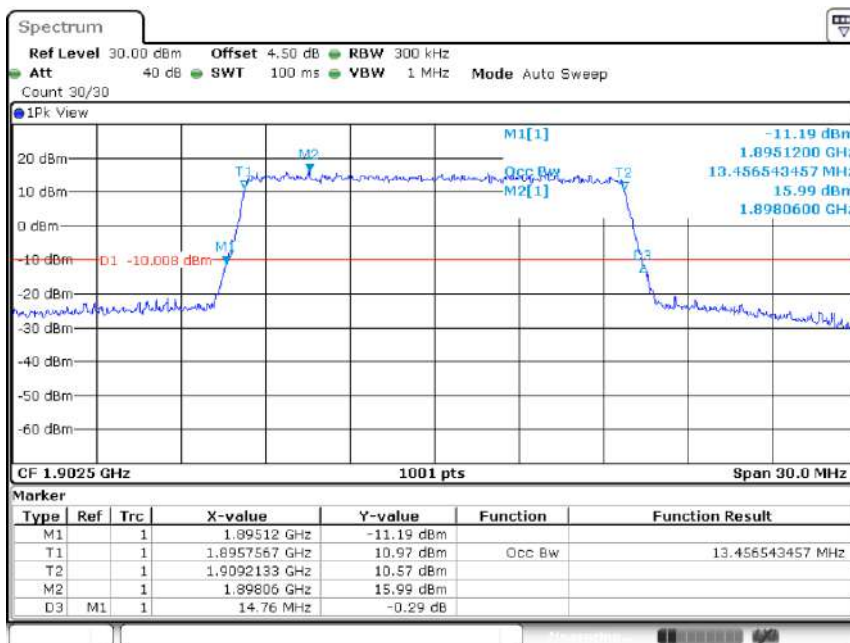


Band2-15MHz-64QAM-18900-75RB#0-13.457



Date: 3.SEP.2020 23:35:29

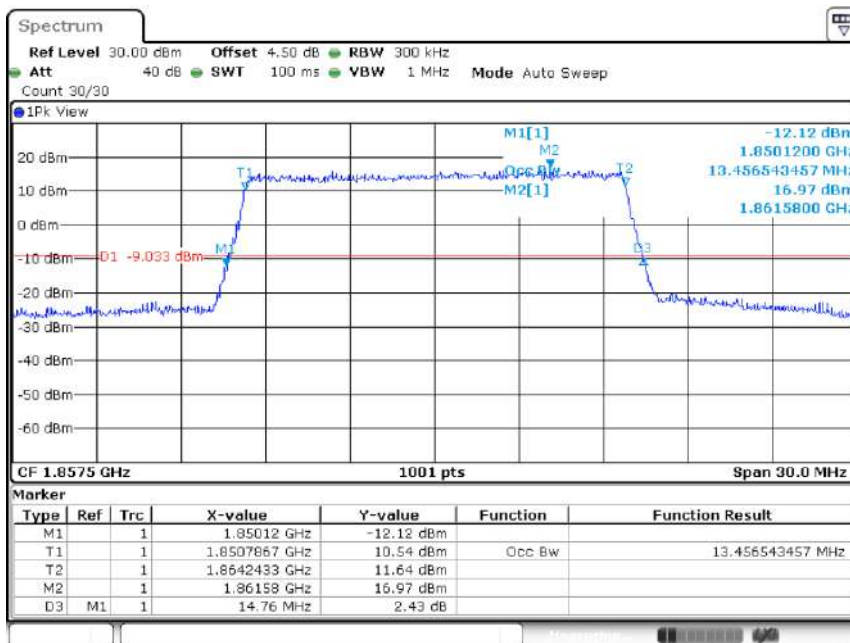
Band2-15MHz-64QAM-19125-75RB#0-13.457



Date: 3.SEP.2020 23:35:42

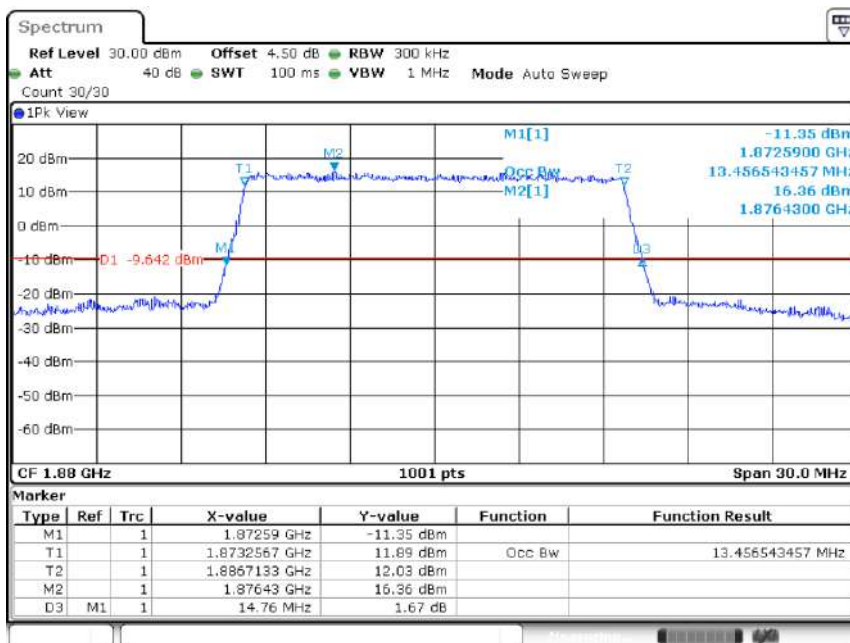


Band2-15MHz-16QAM-18675-75RB#0-13.457



Date: 3.SEP.2020 21:29:16

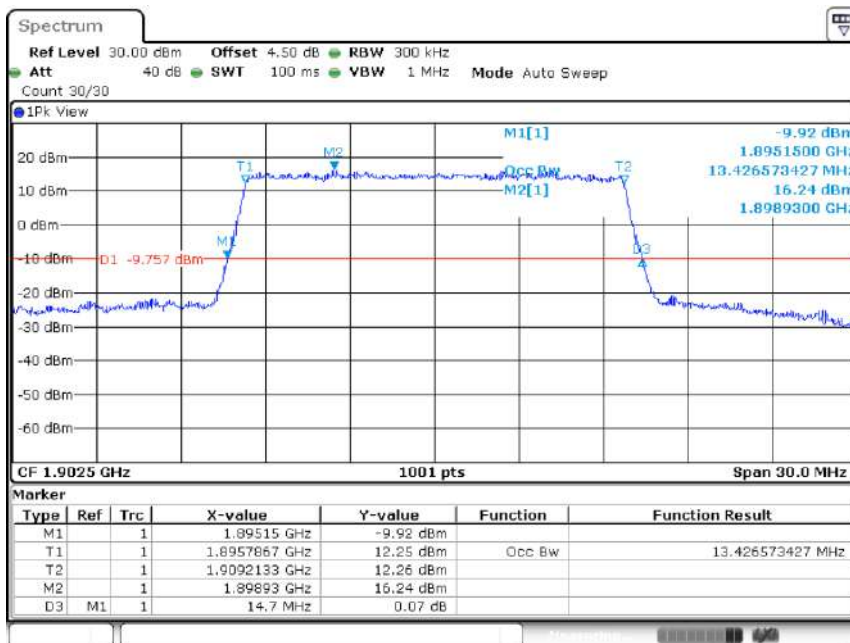
Band2-15MHz-16QAM-18900-75RB#0-13.457



Date: 3.SEP.2020 21:29:42

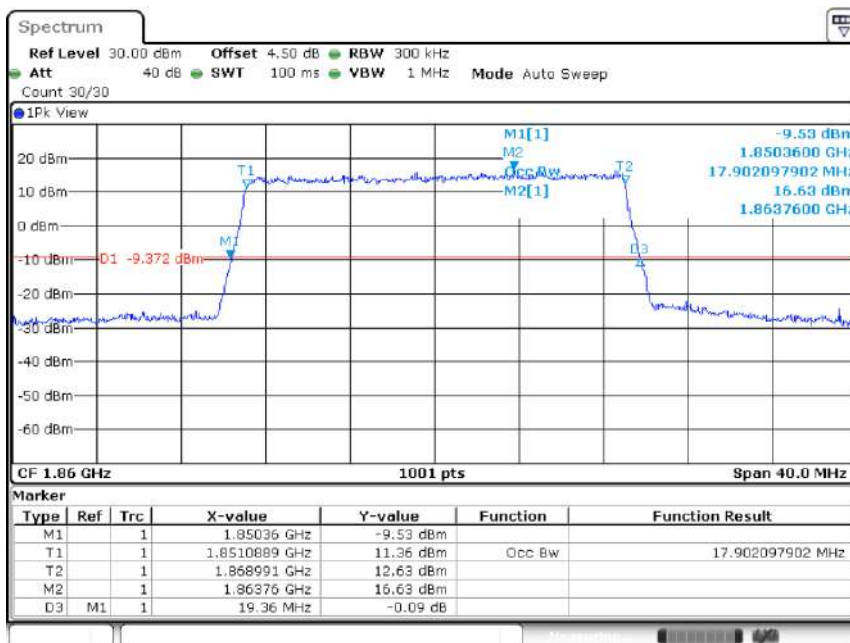


Band2-15MHz-16QAM-19125-75RB#0-13.427



Date: 3.SEP.2020 21:30:07

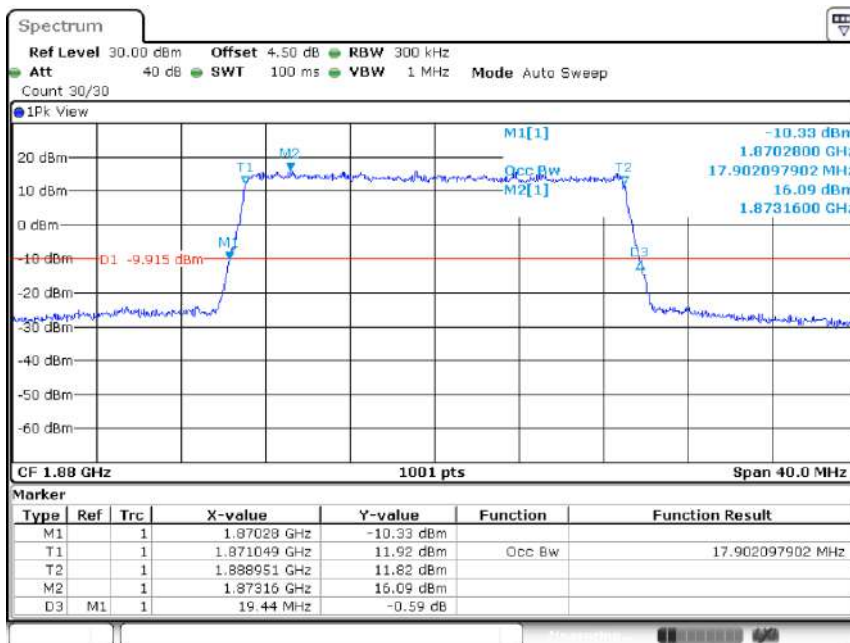
Band2-20MHz-QPSK-18700-100RB#0-17.902



Date: 3.SEP.2020 21:30:26

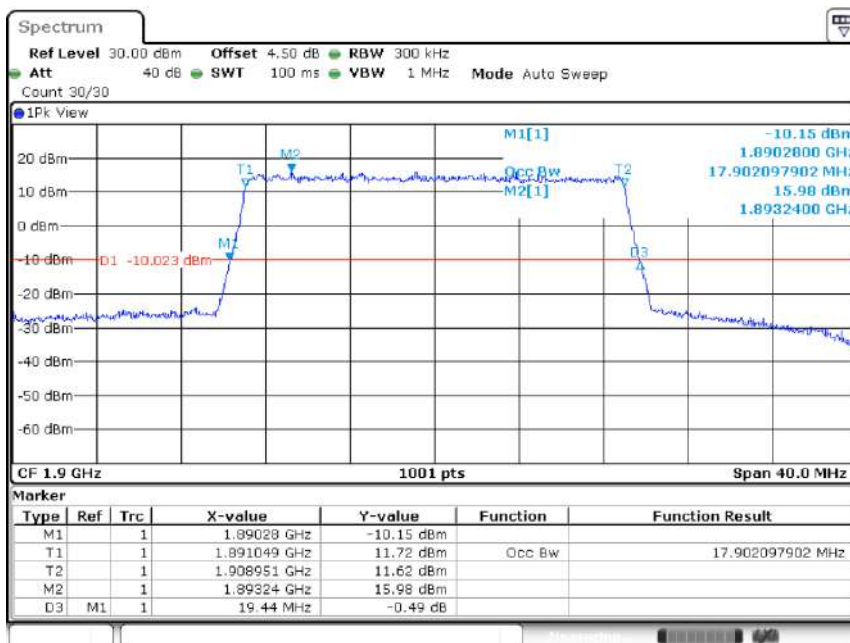


Band2-20MHz-QPSK-18900-100RB#0-17.902



Date: 3.SEP.2020 21:30:51

Band2-20MHz-QPSK-19100-100RB#0-17.902



Date: 3.SEP.2020 21:31:16

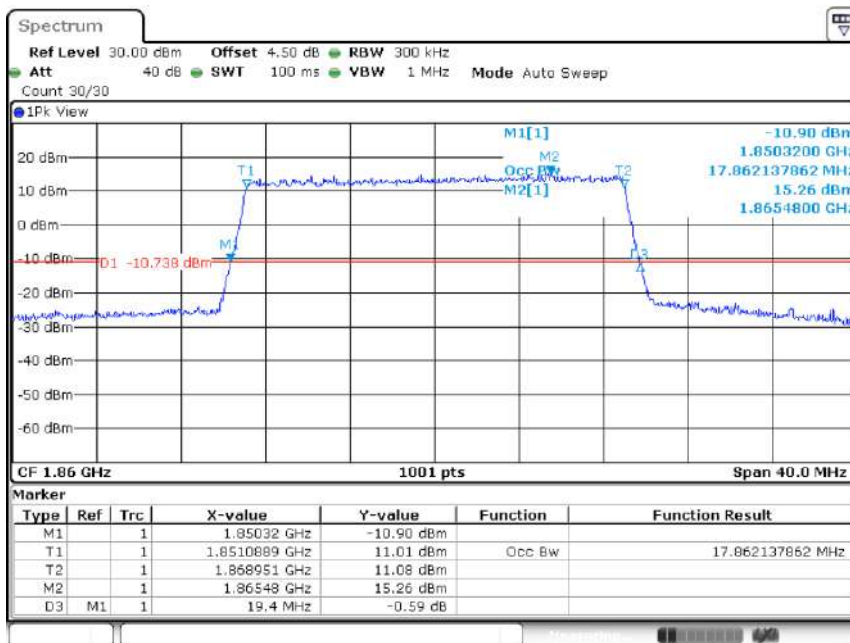


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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.

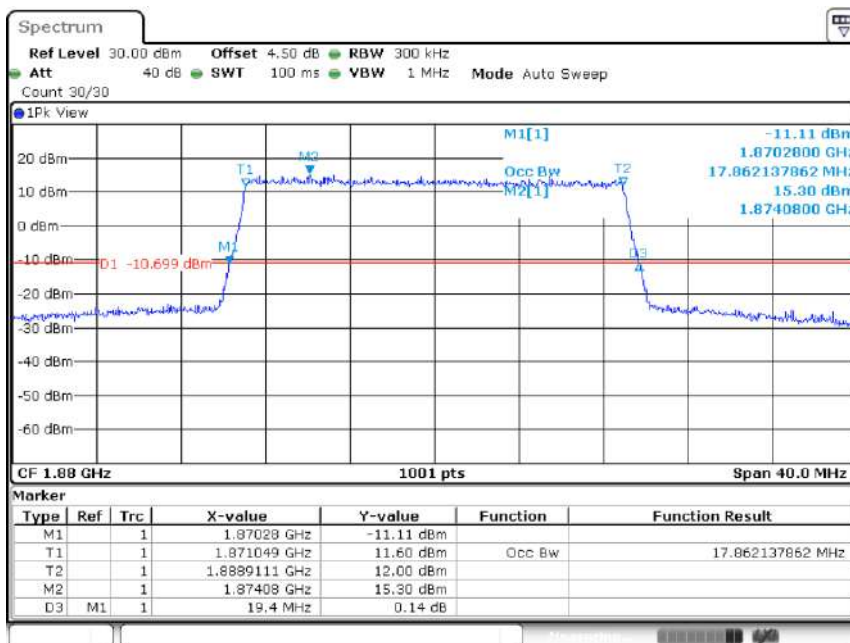
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band2-20MHz-64QAM-18700-100RB#0-17.862



Date: 3.SEP.2020 23:36:00

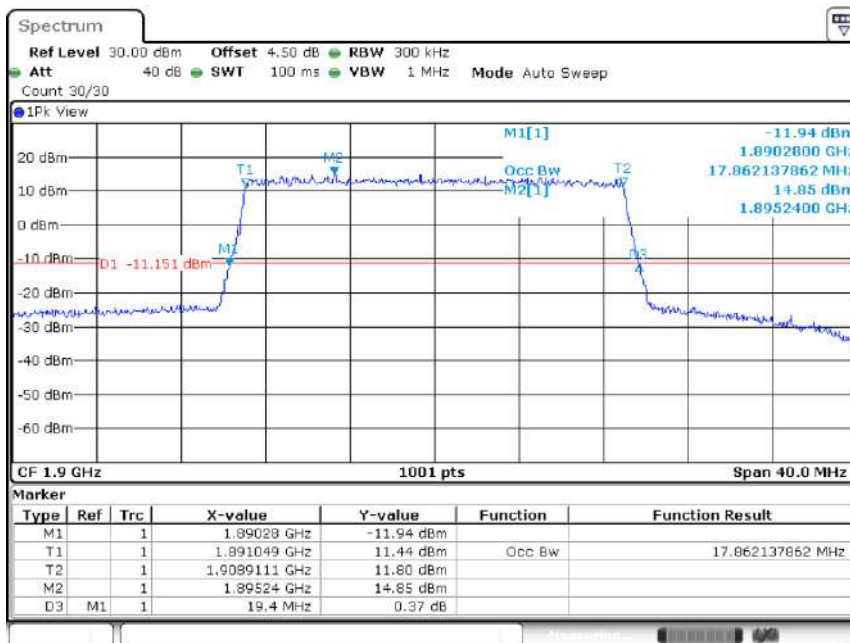
Band2-20MHz-64QAM-18900-100RB#0-17.862



Date: 3.SEP.2020 23:36:13

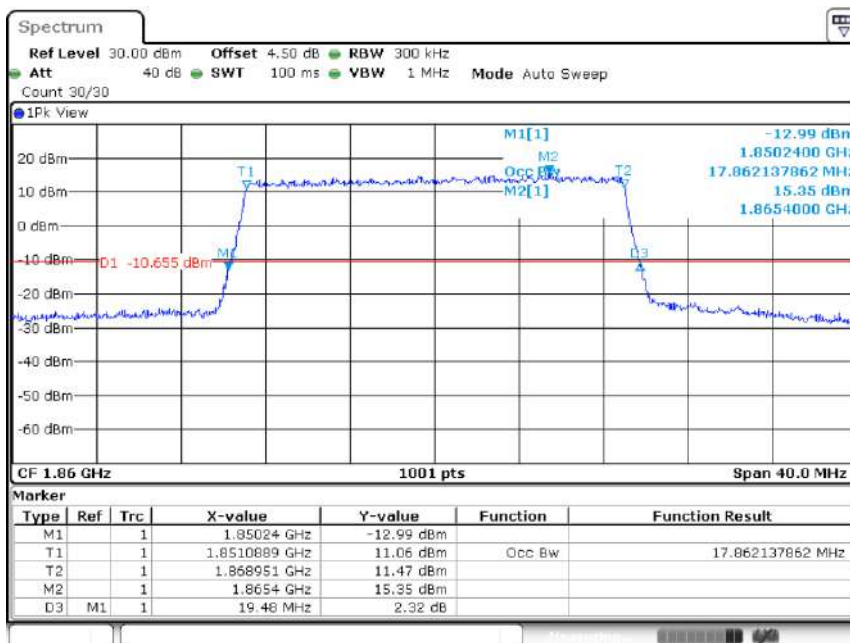


Band2-20MHz-64QAM-19100-100RB#0-17.862



Date: 3.SEP.2020 23:36:26

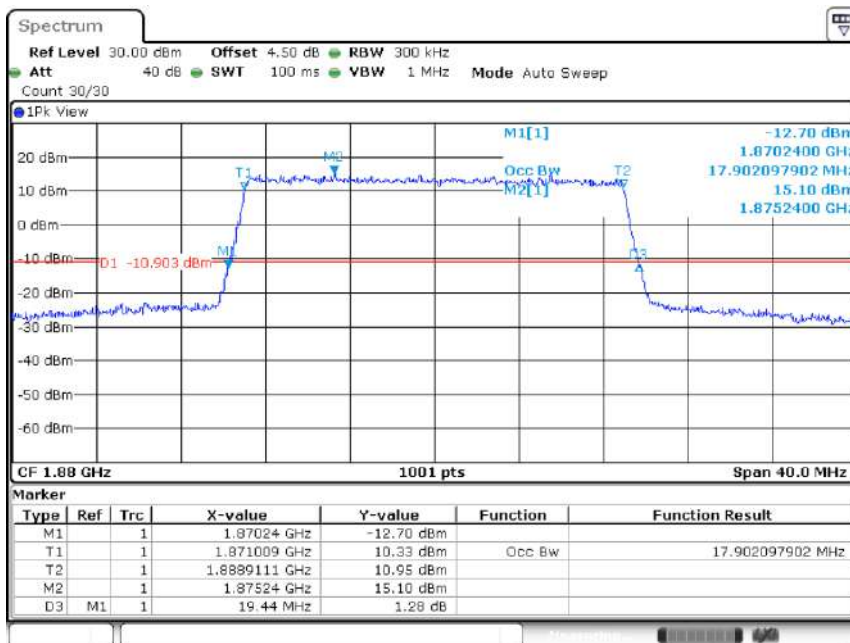
Band2-20MHz-16QAM-18700-100RB#0-17.862



Date: 3.SEP.2020 21:30:38

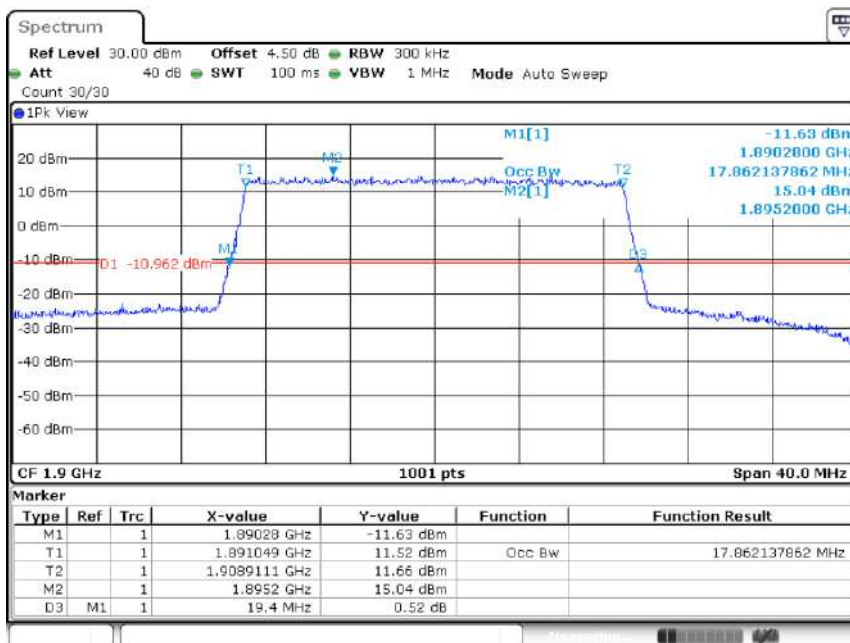


Band2-20MHz-16QAM-18900-100RB#0-17.902



Date: 3.SEP.2020 21:31:03

Band2-20MHz-16QAM-19100-100RB#0-17.862



Date: 3.SEP.2020 21:31:29



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

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

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



5. Band Edge Compliance

5.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-22.74	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-27.07	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-22.39	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-26.95	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	-23.79	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	-27.86	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	-23.86	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	-26.89	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-23.14	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-27.25	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-23.40	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-26.52	PASS
Band2	3MHz	QPSK	18615	1RB#0	-22.24	PASS
Band2	3MHz	QPSK	18615	15RB#0	-28.97	PASS
Band2	3MHz	QPSK	19185	1RB#14	-21.98	PASS
Band2	3MHz	QPSK	19185	15RB#0	-27.88	PASS
Band2	3MHz	64QAM	18615	1RB#0	-22.60	PASS
Band2	3MHz	64QAM	18615	15RB#0	-29.86	PASS
Band2	3MHz	64QAM	19185	1RB#14	-23.11	PASS
Band2	3MHz	64QAM	19185	15RB#0	-29.78	PASS
Band2	3MHz	16QAM	18615	1RB#0	-22.22	PASS
Band2	3MHz	16QAM	18615	15RB#0	-29.73	PASS
Band2	3MHz	16QAM	19185	1RB#14	-23.05	PASS
Band2	3MHz	16QAM	19185	15RB#0	-29.13	PASS
Band2	5MHz	QPSK	18625	1RB#0	-22.99	PASS
Band2	5MHz	QPSK	18625	25RB#0	-30.20	PASS
Band2	5MHz	QPSK	19175	1RB#24	-23.14	PASS
Band2	5MHz	QPSK	19175	25RB#0	-29.05	PASS
Band2	5MHz	64QAM	18625	1RB#0	-23.51	PASS
Band2	5MHz	64QAM	18625	25RB#0	-30.93	PASS
Band2	5MHz	64QAM	19175	1RB#24	-23.38	PASS
Band2	5MHz	64QAM	19175	25RB#0	-30.13	PASS



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

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

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

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



Band2	5MHz	16QAM	18625	1RB#0	-22.91	PASS
Band2	5MHz	16QAM	18625	25RB#0	-30.44	PASS
Band2	5MHz	16QAM	19175	1RB#24	-22.89	PASS
Band2	5MHz	16QAM	19175	25RB#0	-29.80	PASS
Band2	10MHz	QPSK	18650	1RB#0	-32.13	PASS
Band2	10MHz	QPSK	18650	50RB#0	-34.12	PASS
Band2	10MHz	QPSK	19150	1RB#49	-31.94	PASS
Band2	10MHz	QPSK	19150	50RB#0	-32.12	PASS
Band2	10MHz	64QAM	18650	1RB#0	-33.12	PASS
Band2	10MHz	64QAM	18650	50RB#0	-34.21	PASS
Band2	10MHz	64QAM	19150	1RB#49	-33.38	PASS
Band2	10MHz	64QAM	19150	50RB#0	-32.54	PASS
Band2	10MHz	16QAM	18650	1RB#0	-32.45	PASS
Band2	10MHz	16QAM	18650	50RB#0	-34.33	PASS
Band2	10MHz	16QAM	19150	1RB#49	-32.57	PASS
Band2	10MHz	16QAM	19150	50RB#0	-32.53	PASS
Band2	15MHz	QPSK	18675	1RB#0	-27.47	PASS
Band2	15MHz	QPSK	18675	75RB#0	-34.58	PASS
Band2	15MHz	QPSK	19125	1RB#74	-27.18	PASS
Band2	15MHz	QPSK	19125	75RB#0	-32.91	PASS
Band2	15MHz	64QAM	18675	1RB#0	-27.92	PASS
Band2	15MHz	64QAM	18675	75RB#0	-34.39	PASS
Band2	15MHz	64QAM	19125	1RB#74	-27.18	PASS
Band2	15MHz	64QAM	19125	75RB#0	-32.61	PASS
Band2	15MHz	16QAM	18675	1RB#0	-27.87	PASS
Band2	15MHz	16QAM	18675	75RB#0	-34.37	PASS
Band2	15MHz	16QAM	19125	1RB#74	-27.34	PASS
Band2	15MHz	16QAM	19125	75RB#0	-32.55	PASS
Band2	20MHz	QPSK	18700	1RB#0	-28.72	PASS
Band2	20MHz	QPSK	18700	100RB#0	-35.39	PASS
Band2	20MHz	QPSK	19100	1RB#99	-29.37	PASS
Band2	20MHz	QPSK	19100	100RB#0	-33.29	PASS
Band2	20MHz	64QAM	18700	1RB#0	-28.99	PASS
Band2	20MHz	64QAM	18700	100RB#0	-34.86	PASS
Band2	20MHz	64QAM	19100	1RB#99	-30.46	PASS
Band2	20MHz	64QAM	19100	100RB#0	-33.31	PASS
Band2	20MHz	16QAM	18700	1RB#0	-28.64	PASS
Band2	20MHz	16QAM	18700	100RB#0	-34.82	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) 83071443, or email: CN.Doccheck@sgs.com

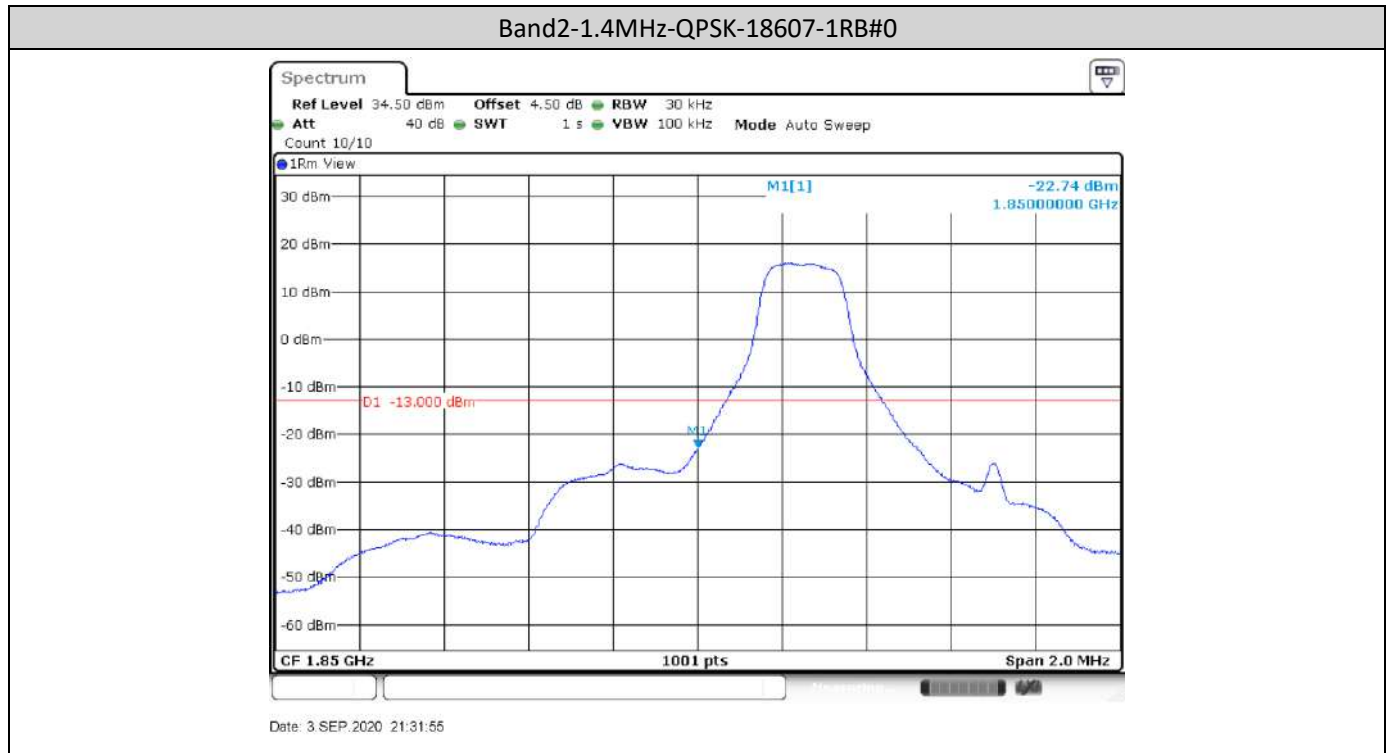
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch - CSTC Shenzhen Laboratory

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



Band2	20MHz	16QAM	19100	1RB#99	-30.65	PASS
Band2	20MHz	16QAM	19100	100RB#0	-33.27	PASS

5.2. Test Plots



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



Date: 3.SEP.2020 21:34:48

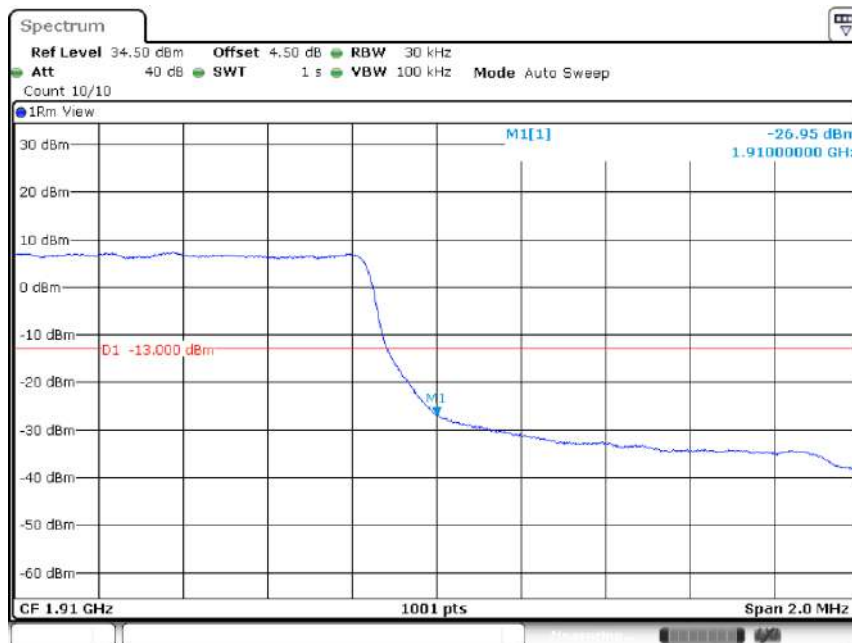
Band2-1.4MHz-QPSK-19193-1RB#5



Date: 3.SEP.2020 21:33:22



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



Date: 3.SEP.2020 21:35:30

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



Date: 3.SEP.2020 23:36:52



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 and 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

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



Date: 3.SEP.2020 23:38:23

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



Date: 3.SEP.2020 23:37:38



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

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

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



Date: 3.SEP.2020 23:38:44

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



Date: 3.SEP.2020 21:32:16



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



Date: 3.SEP.2020 21:35:09

Band2-1.4MHz-16QAM-19193-1RB#5



Date: 3.SEP.2020 21:33:42



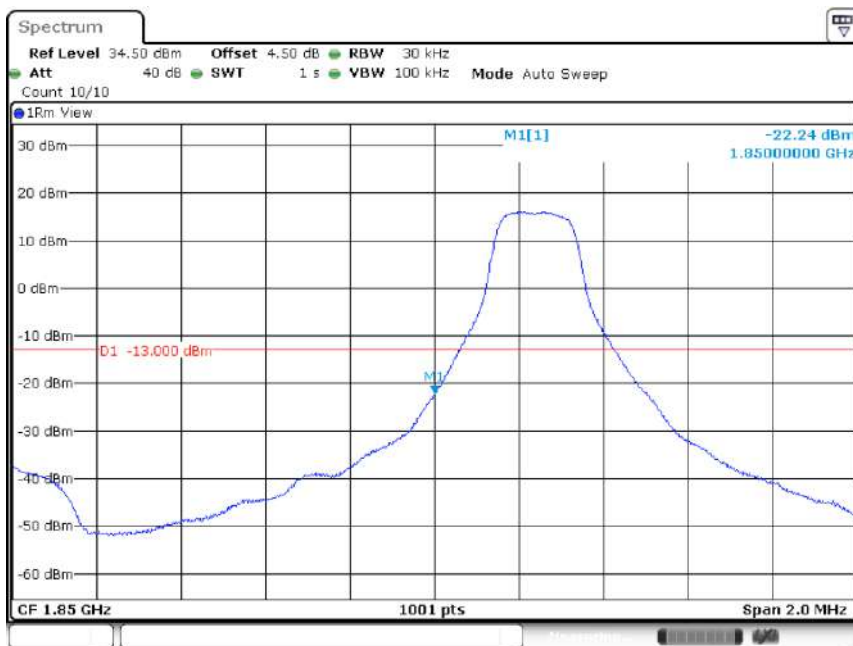
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
 Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 3.SEP.2020 21:35:51

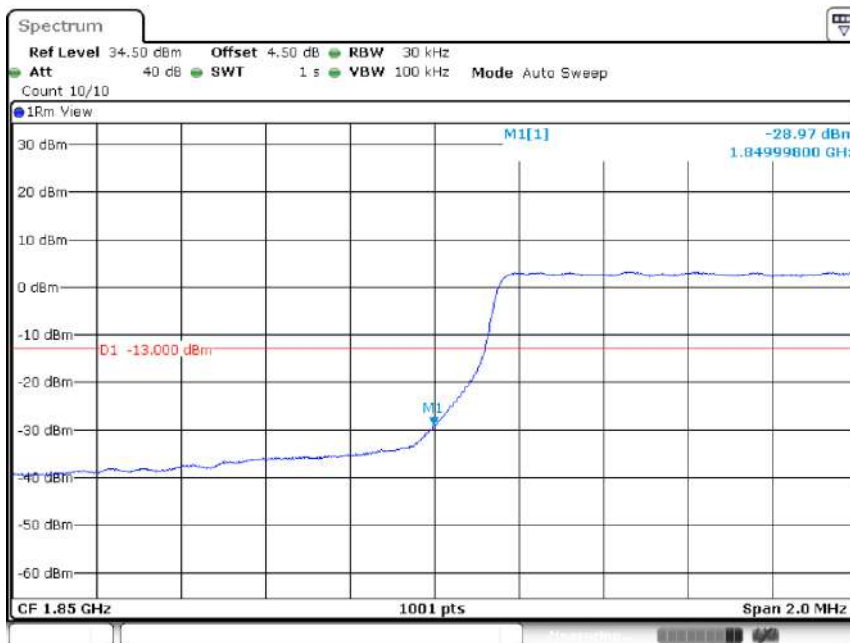
Band2-3MHz-QPSK-18615-1RB#0



Date: 3.SEP.2020 21:36:17

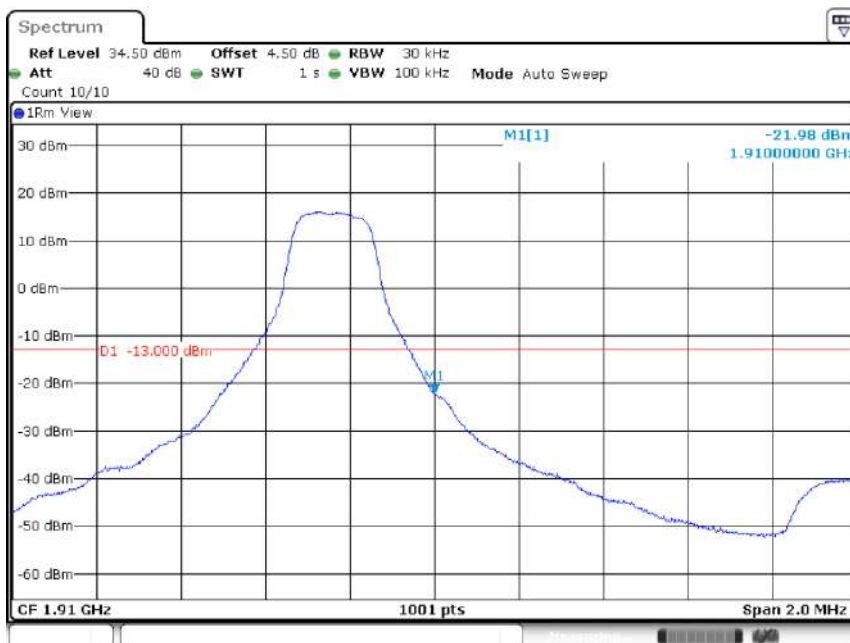


Band2-3MHz-QPSK-18615-15RB#0



Date: 3.SEP.2020 21:39:11

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



Date: 3.SEP.2020 21:37:44

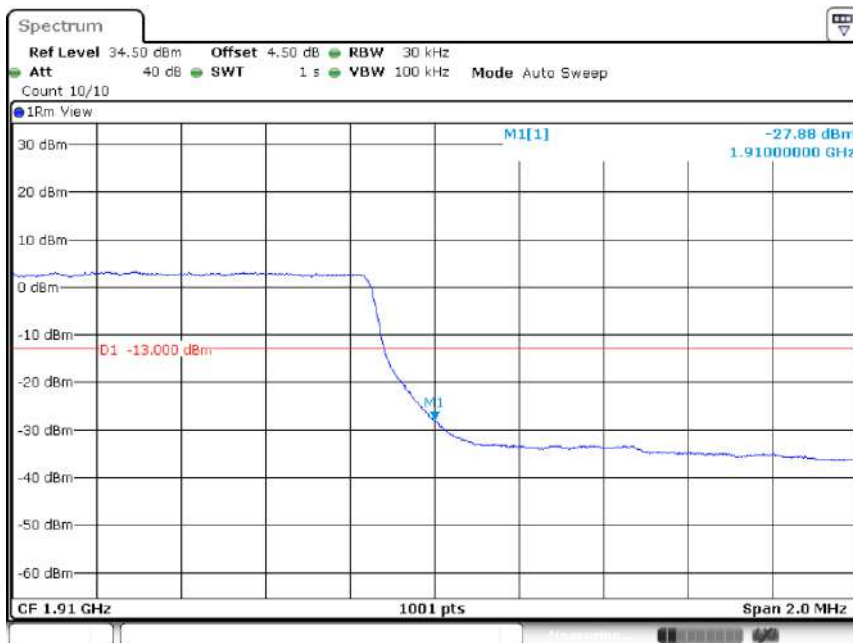


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

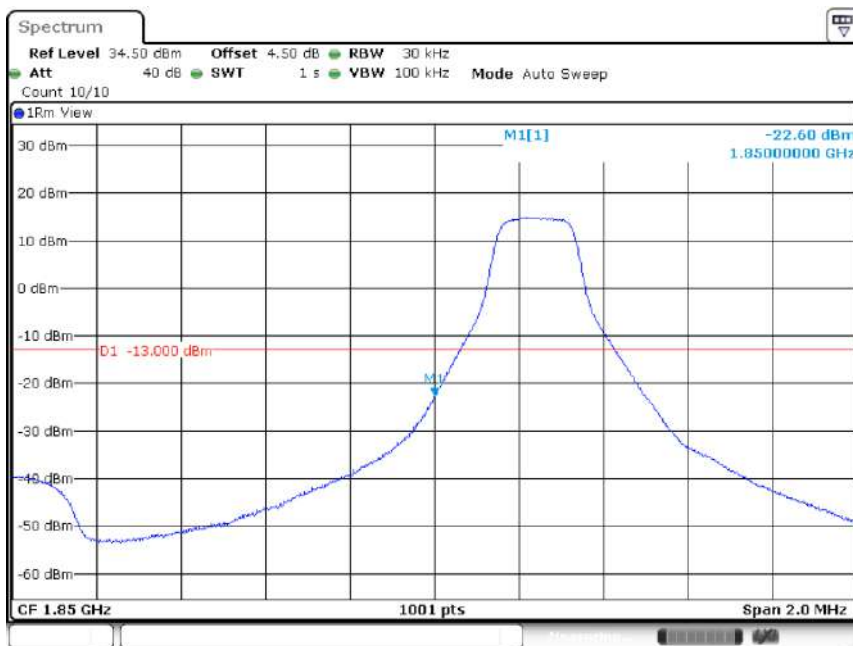
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 3.SEP.2020 21:39:53

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



Date: 3.SEP.2020 23:39:10

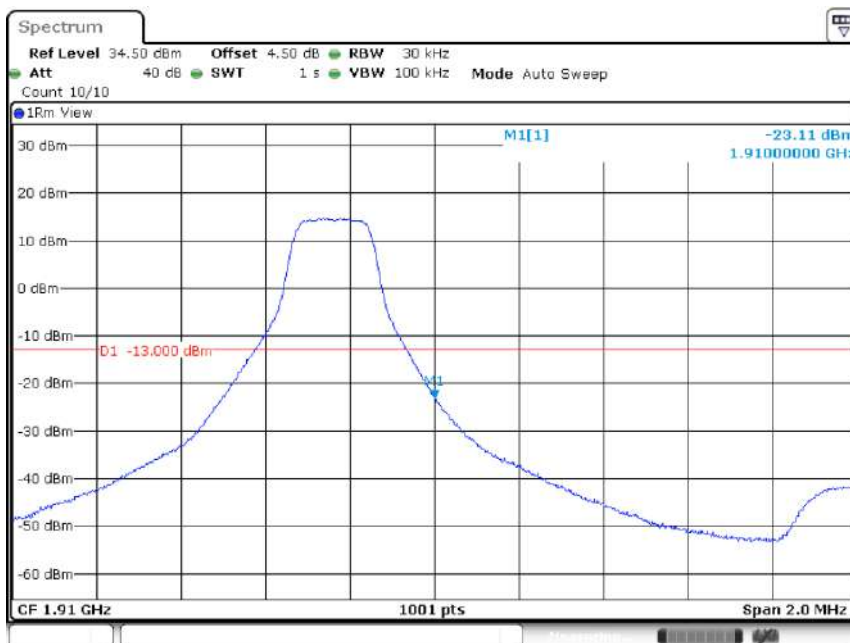


Band2-3MHz-64QAM-18615-15RB#0



Date: 3.SEP.2020 23:40:42

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



Date: 3.SEP.2020 23:39:56



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: C.N.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-19185-15RB#0



Date: 3 SEP 2020 23:41:02

Band2-3MHz-16QAM-18615-1RB#0



Date: 3 SEP 2020 21:36:37



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed on the back of the report, available on request or accessible at <http://www.sgs.com> and its 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 contract from their obligations. The Company's responsibility is limited to the content of the report and does not extend to the use of the report, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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.

For any request for a copy of the report or for any testing / inspection reports / certificate, please contact us at telephone: (85-755) 8307 1443, or email: CN@pechenko@sgs.com.

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

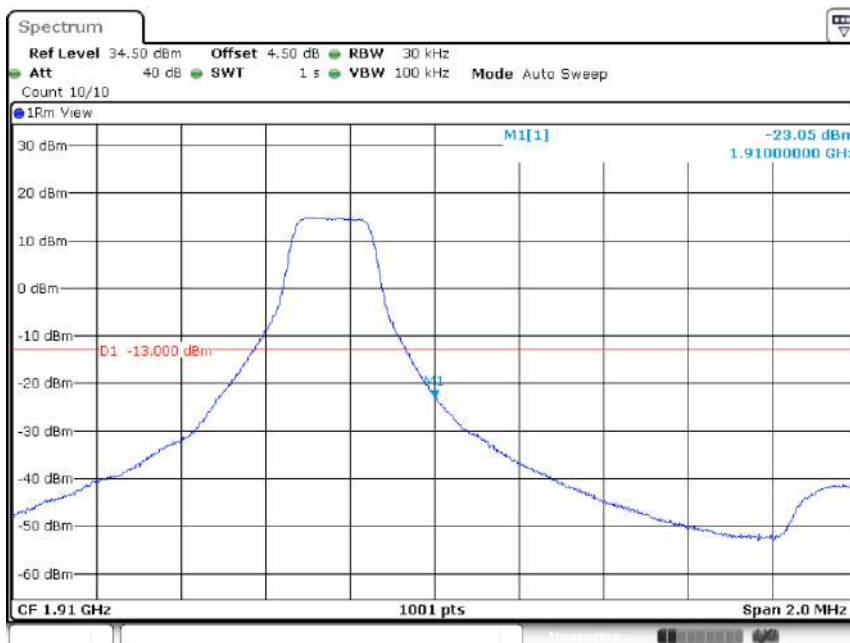
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 3.SEP.2020 21:39:32

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



Date: 3.SEP.2020 21:38:05



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

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

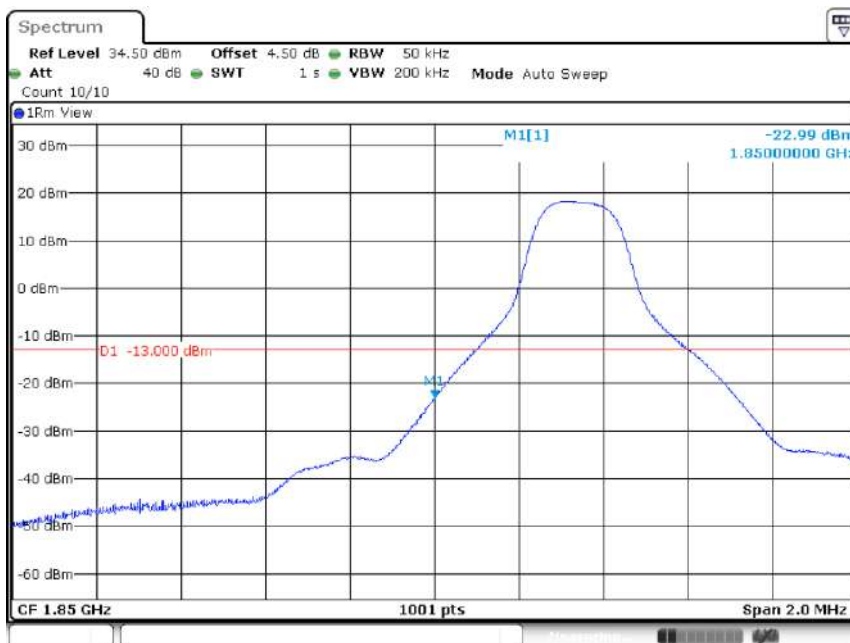
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 3.SEP.2020 21:40:14

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



Date: 3.SEP.2020 21:40:40

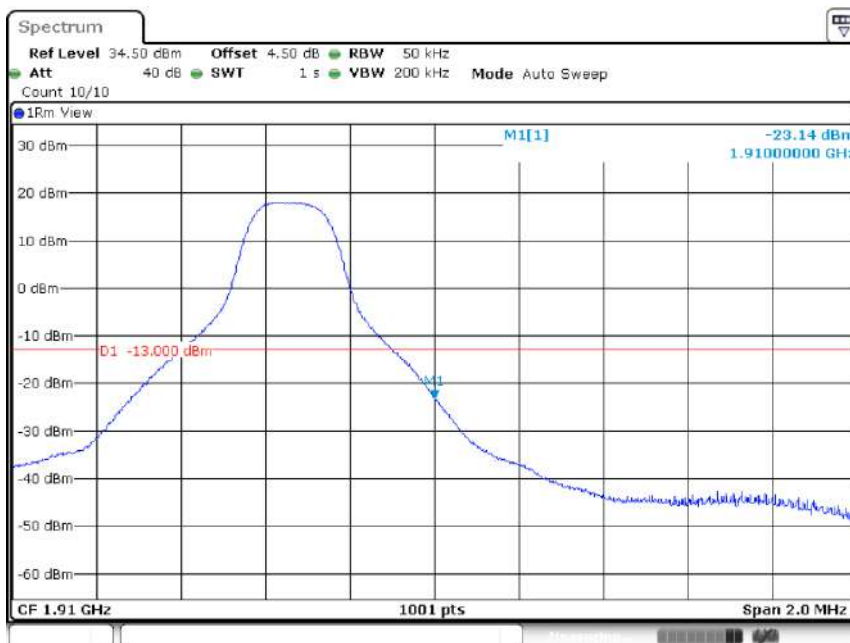


Band2-5MHz-QPSK-18625-25RB#0



Date: 3.SEP.2020 21:43:33

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



Date: 3.SEP.2020 21:42:06

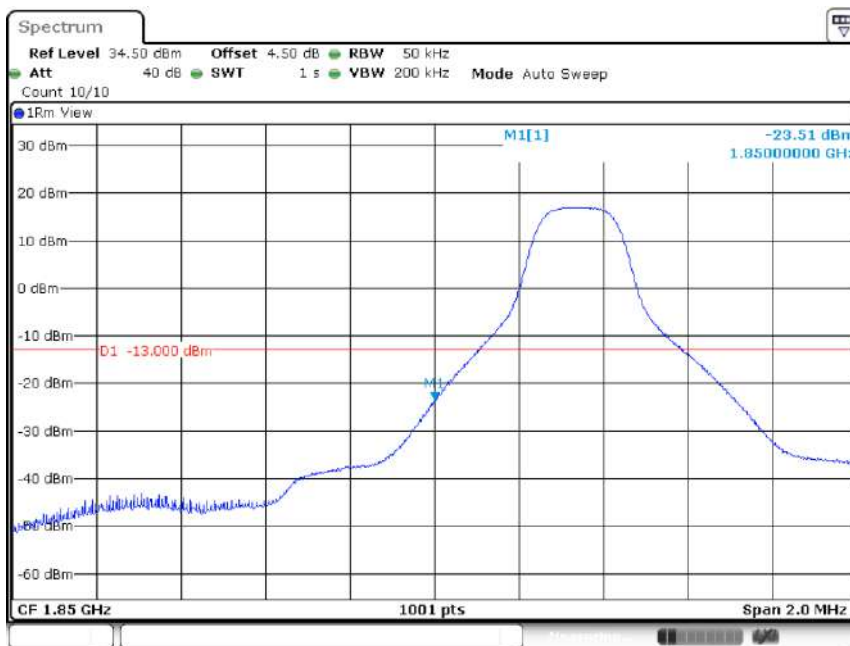


Band2-5MHz-QPSK-19175-25RB#0



Date: 3.SEP.2020 21:44:15

Band2-5MHz-64QAM-18625-1RB#0



Date: 3.SEP.2020 23:41:28

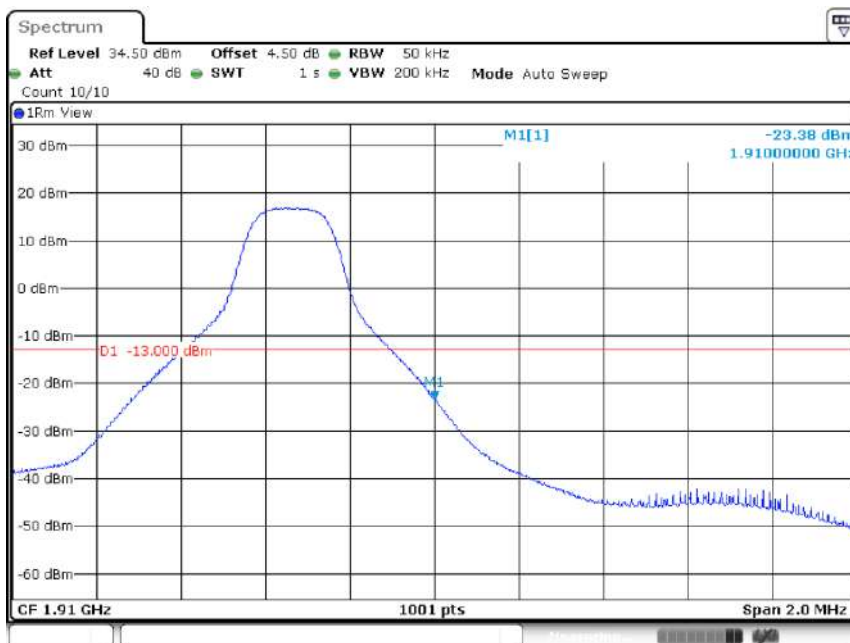


Band2-5MHz-64QAM-18625-25RB#0



Date: 3.SEP.2020 23:43:00

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



Date: 3.SEP.2020 23:42:14

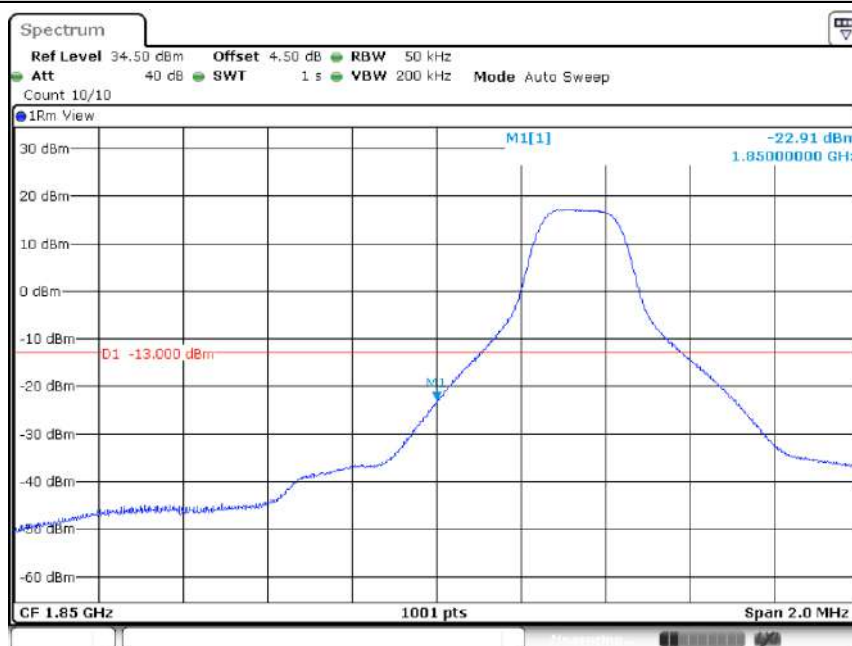


Band2-5MHz-64QAM-19175-25RB#0



Date: 3 SEP 2020 23:43:21

Band2-5MHz-16QAM-18625-1RB#0



Date: 3 SEP 2020 21:41:00



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed on leaf, available on request or accessible at <http://www.sas.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sas.com/en/Terms-and-Conditions/Terms-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 unauthorized documents. This document cannot be reproduced in full, without the prior approval of the Company. Any unauthorized reproduction, forgery or falsification of the content or parameters of this document is unlawful and offenders will be prosecuted to the fullest extent of the law. Unless otherwise stated, 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.

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

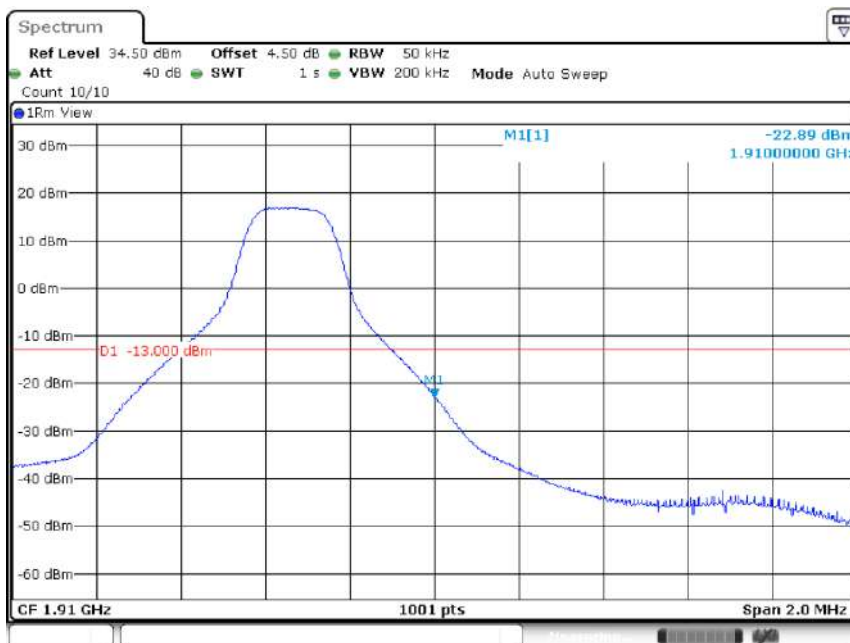
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 3.SEP.2020 21:43:54

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



Date: 3.SEP.2020 21:42:27



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



Date: 3.SEP.2020 21:44:35

Band2-10MHz-QPSK-18650-1RB#0



Date: 3.SEP.2020 21:45:01



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



Date: 3.SEP.2020 21:47:55

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



Date: 3.SEP.2020 21:46:28



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 and certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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



Date: 3.SEP.2020 21:48:36

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



Date: 3.SEP.2020 23:43:47



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 and certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



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



Date: 3.SEP.2020 23:45:18

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

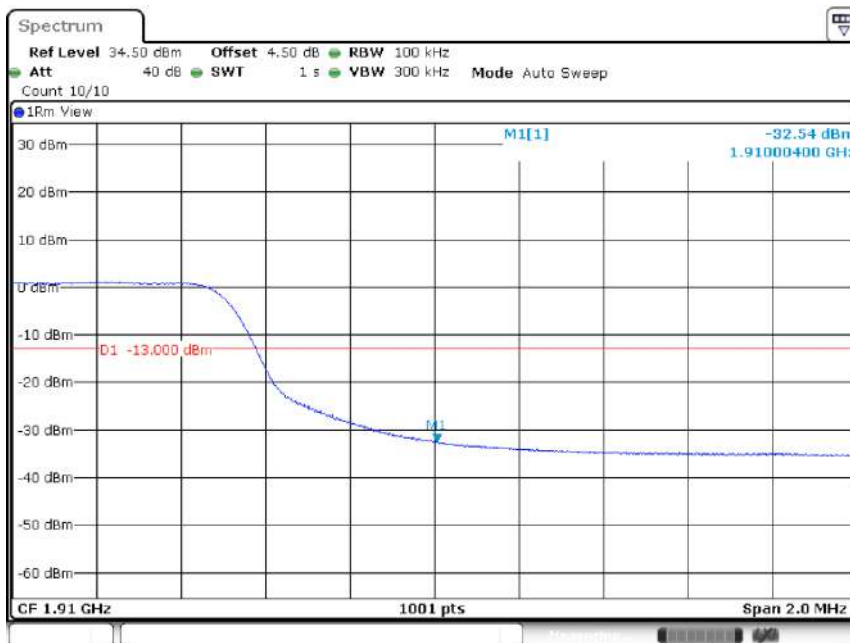


Date: 3.SEP.2020 23:44:33



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing / inspection report and certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 3.SEP.2020 23:45:39

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



Date: 3.SEP.2020 21:45:21



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.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 3.SEP.2020 21:48:15

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



Date: 3.SEP.2020 21:46:48



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 3.SEP.2020 21:48:57

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



Date: 3.SEP.2020 21:49:23



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



Date: 3.SEP.2020 21:52:17

Band2-15MHz-QPSK-19125-1RB#74



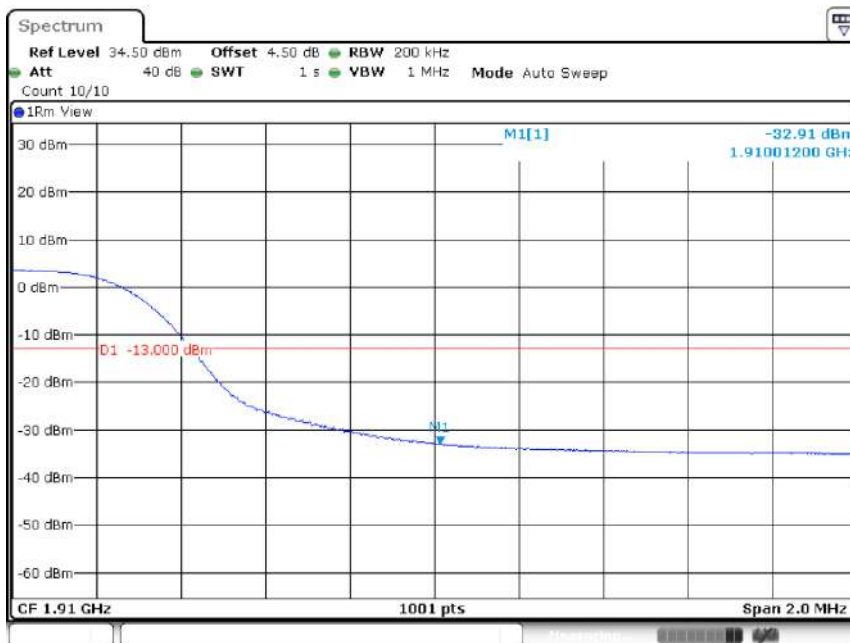
Date: 3.SEP.2020 21:50:50



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

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

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



Date: 3.SEP.2020 21:52:59

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



Date: 3.SEP.2020 23:46:05



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

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.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-64QAM-18675-75RB#0



Date: 3 SEP 2020 23:47:36

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



Date: 3 SEP 2020 23:46:50



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

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>, and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of the Company's instructions. Further, the Company does not assume any liability for any alteration, forgery or falsification of the transaction documents, exercising their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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.

For more information on the Company's policy of testing / inspection reports / certificate, please contact us at telephone: (85-755) 8307 1443, or email: CN.Operations@sgs.com.

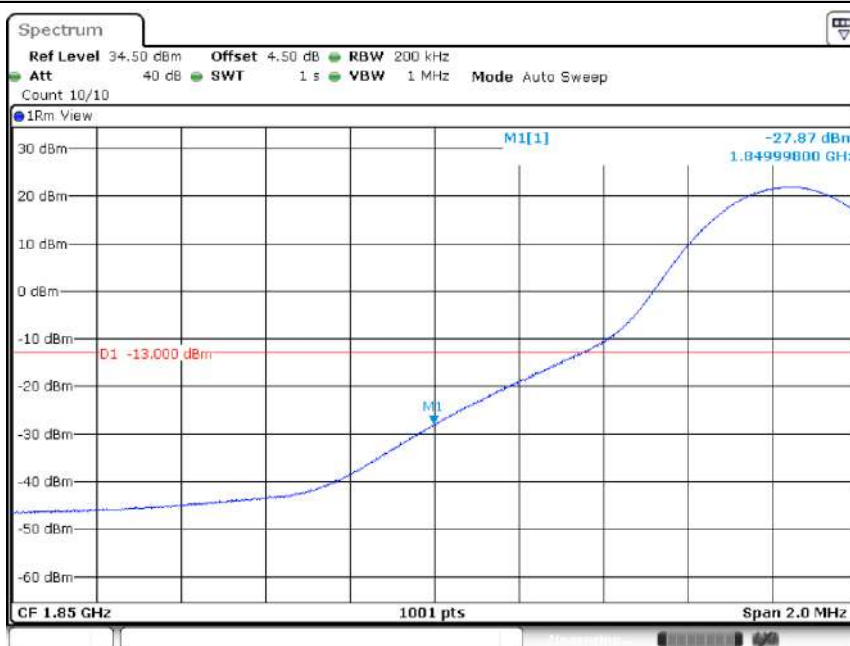
No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgsc.china@sgs.com

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



Date: 3 SEP 2020 23:47:57

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



Date: 3 SEP 2020 21:49:44



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

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed on leaf, available on request or accessible at <http://www.sas.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sas.com/en/Terms-and-Conditions/Terms-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 unauthorized documents. This document cannot be reproduced in full, without the prior approval of the Company. Any unauthorized reproduction, forgery or falsification of the content or parameters of this document is unlawful and may be prosecuted to the fullest extent of the law. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443.

Or email: CN.Doccheck@sgs.com
No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com
中国·深圳·科技园中区M-10楼一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 3.SEP.2020 21:52:38

Band2-15MHz-16QAM-19125-1RB#74



Date: 3.SEP.2020 21:51:11

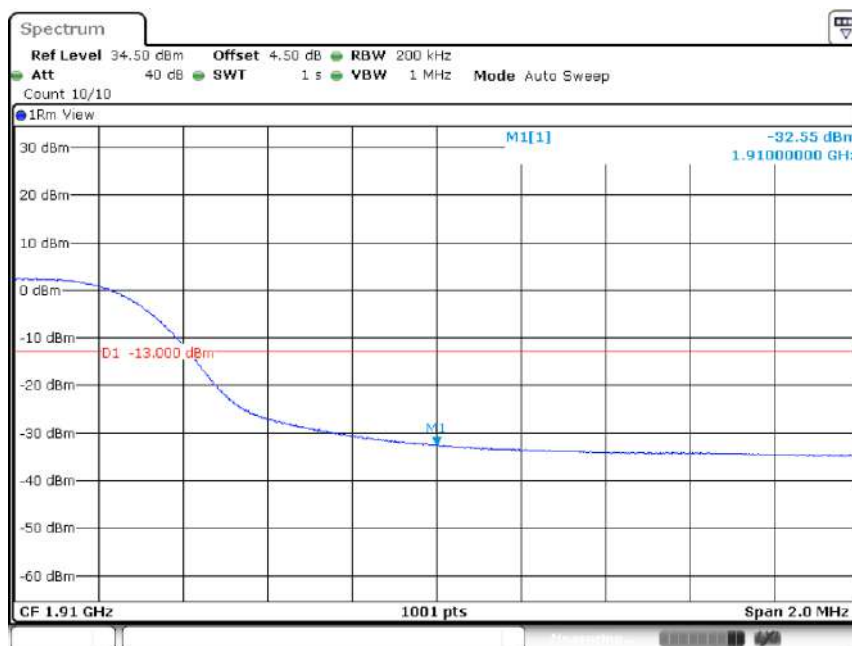


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

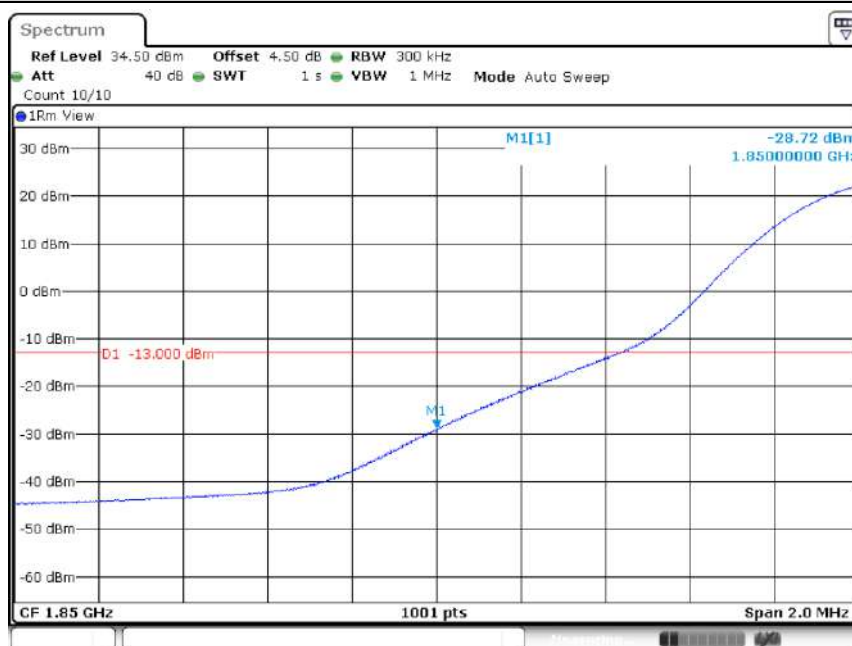
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 3 SEP 2020 21:53:19

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



Date: 3 SEP 2020 21:53:45



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

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed on the back of the report, available on request or accessible at <http://www.sgs.com> and its 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 contract from their obligations. The Company's responsibility is limited to the content of the report and does not extend to the use of the report, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery 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.

For any request for copy of testing / inspection reports & certificate, please contact us at telephone: (85-755) 8307 1443, or email: CN@pechenko@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-18700-100RB#0



Date: 3.SEP.2020 21:56:38

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



Date: 3.SEP.2020 21:55:11

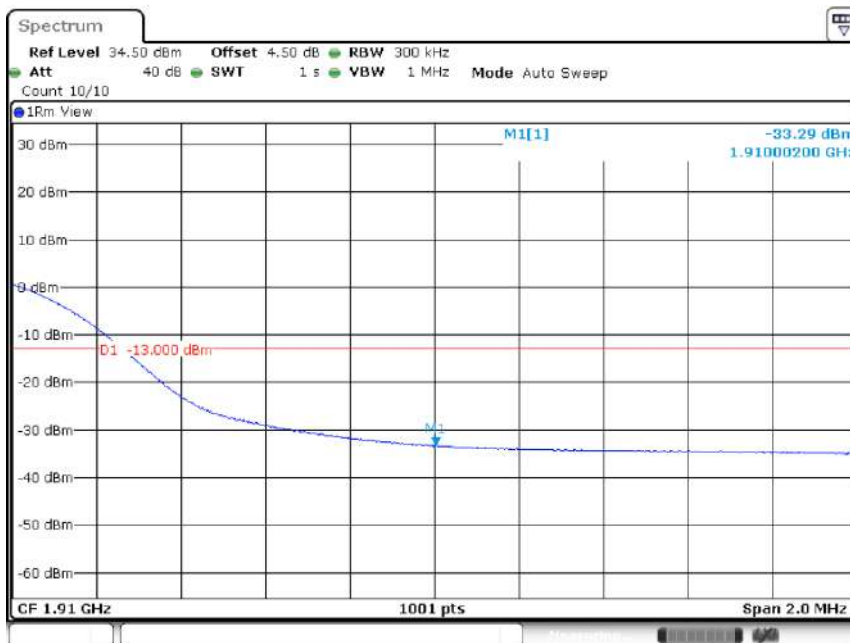


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

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



Date: 3.SEP.2020 21:57:19

Band2-20MHz-64QAM-18700-1RB#0



Date: 3.SEP.2020 23:48:23



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

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

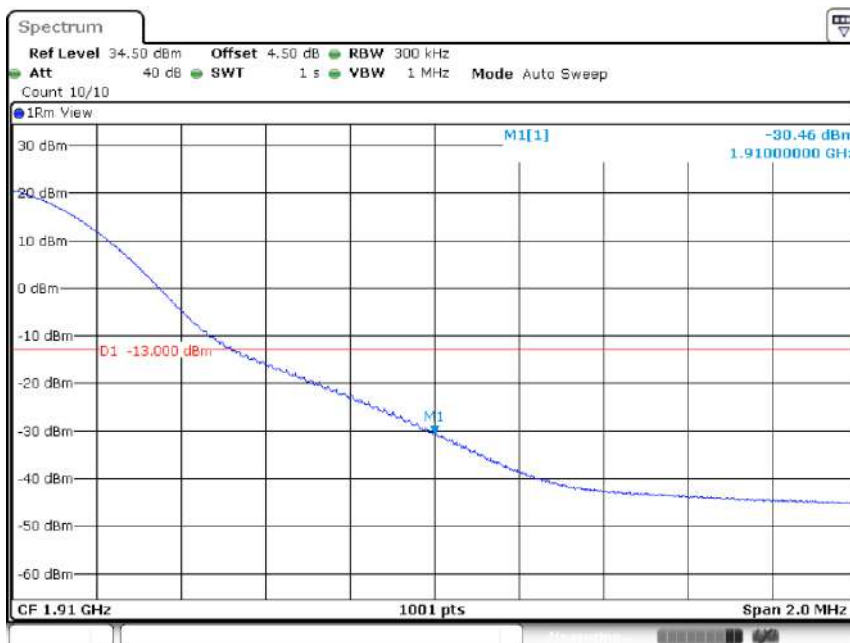
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 3.SEP.2020 23:49:55

Band2-20MHz-64QAM-19100-1RB#99



Date: 3.SEP.2020 23:49:09

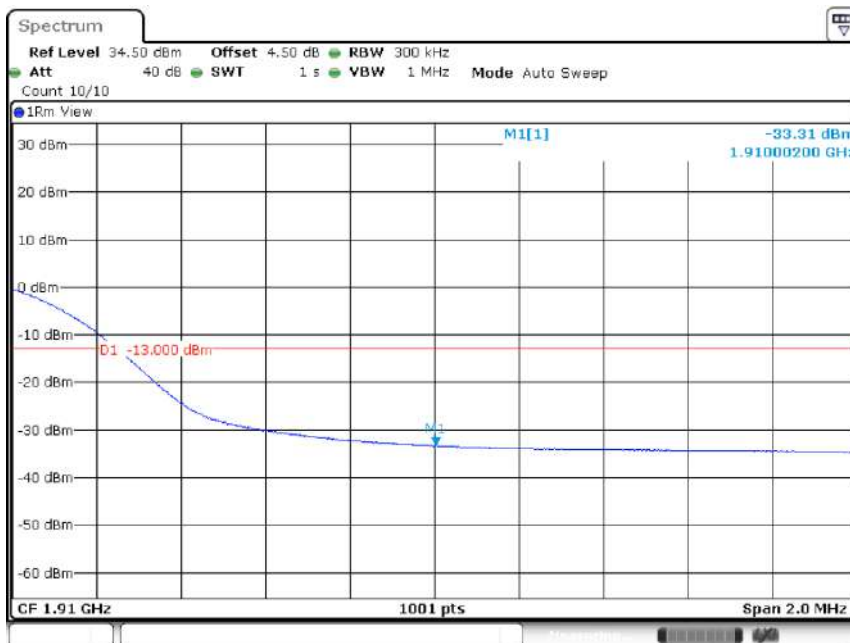


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

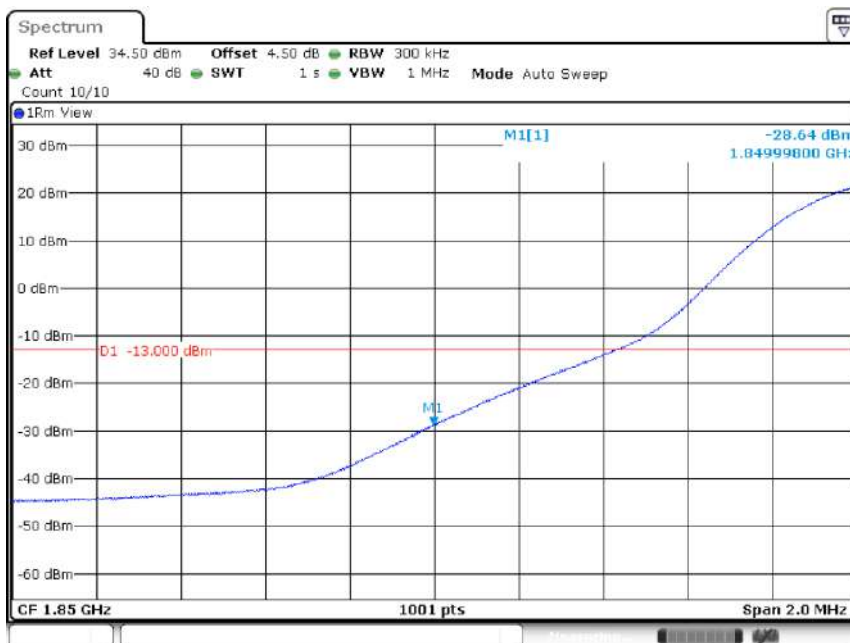
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 3.SEP.2020 23:50:16

Band2-20MHz-16QAM-18700-1RB#0



Date: 3.SEP.2020 21:54:05



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

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

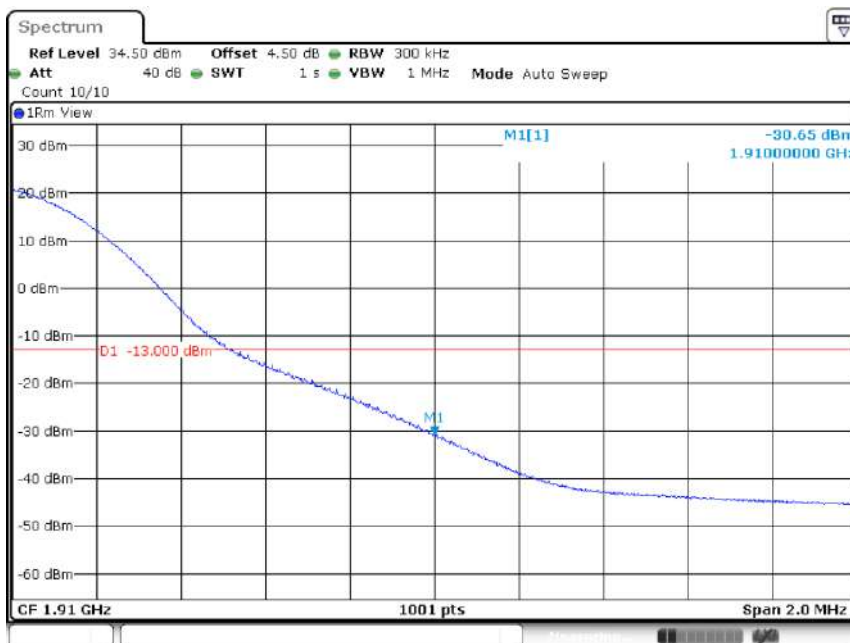
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

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



Date: 3.SEP.2020 21:56:58

Band2-20MHz-16QAM-19100-1RB#99



Date: 3.SEP.2020 21:55:32



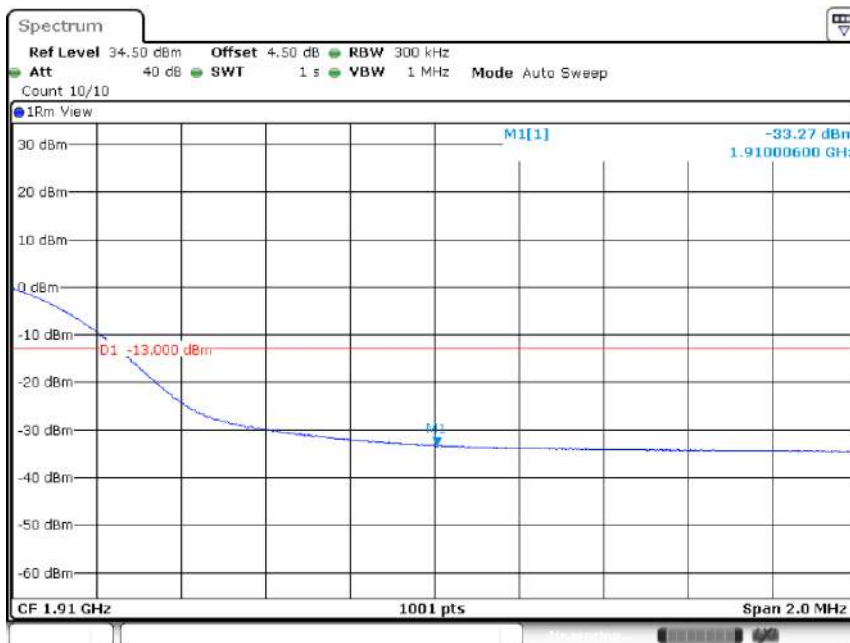
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

Member of the SGS Group (SGS SA)

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



Date: 3.SEP.2020 21:57:39



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

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

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

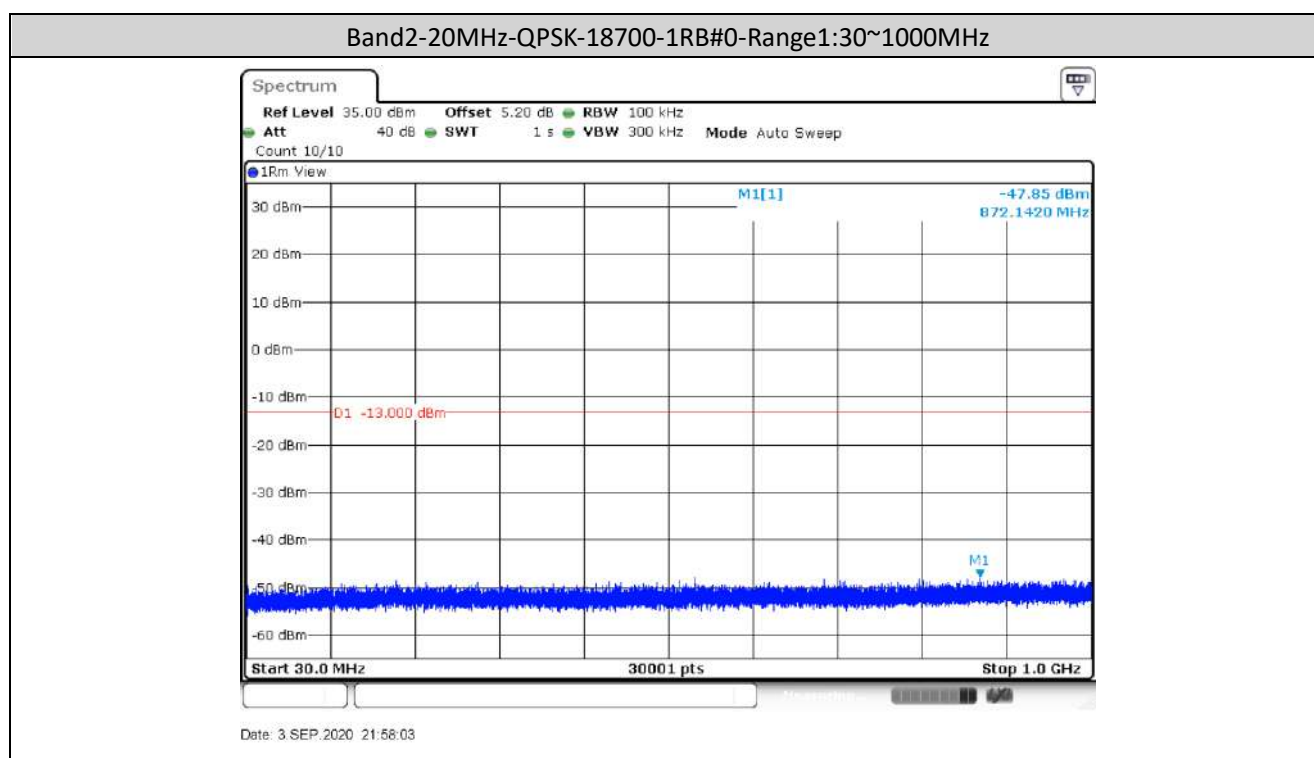
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

6. Spurious Emission at Antenna Terminal

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

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

6.1. Test Plots

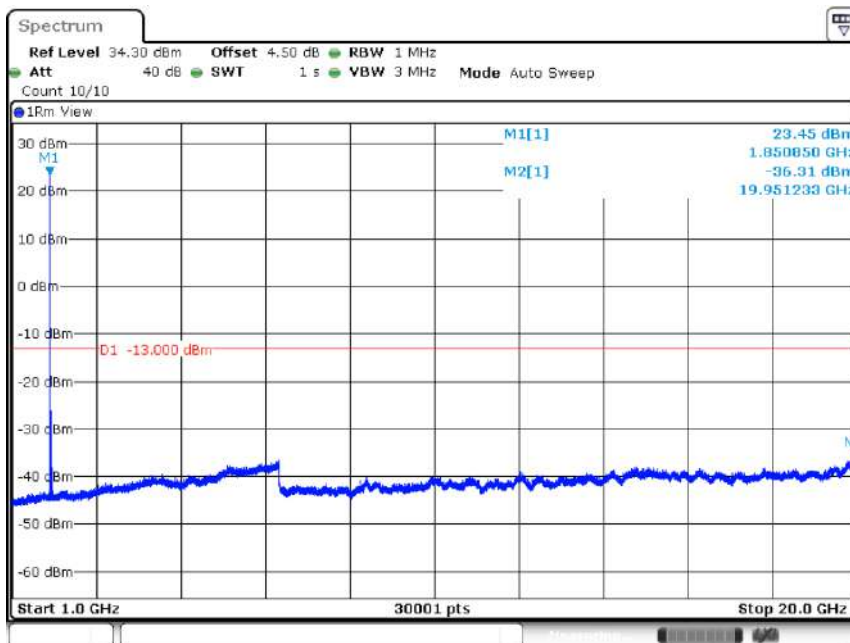


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

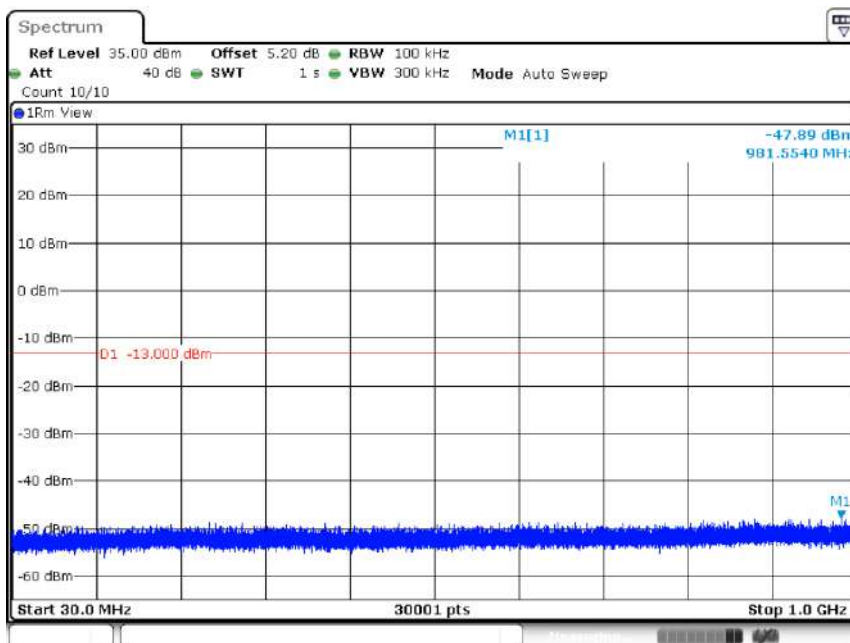
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 3.SEP.2020 21:58:19

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



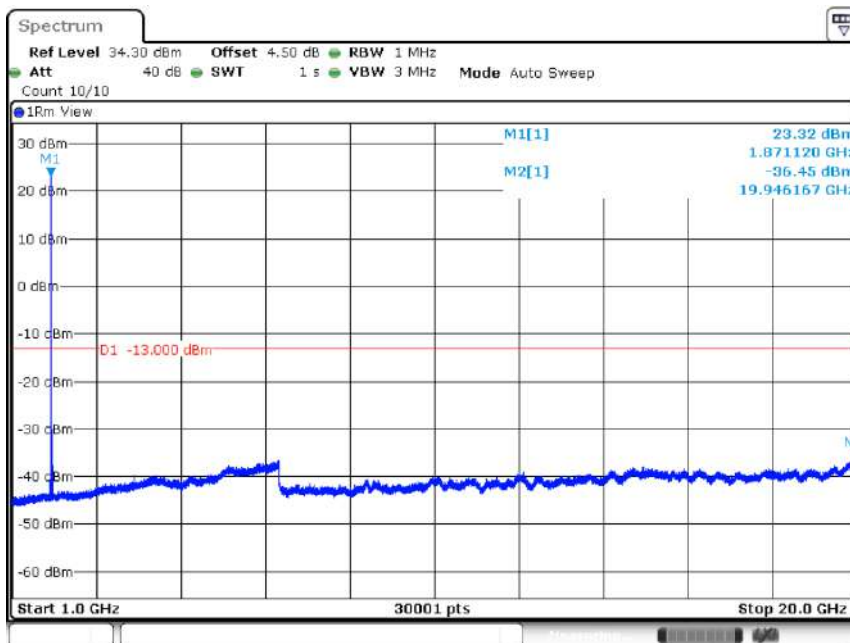
Date: 3.SEP.2020 21:59:13



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.

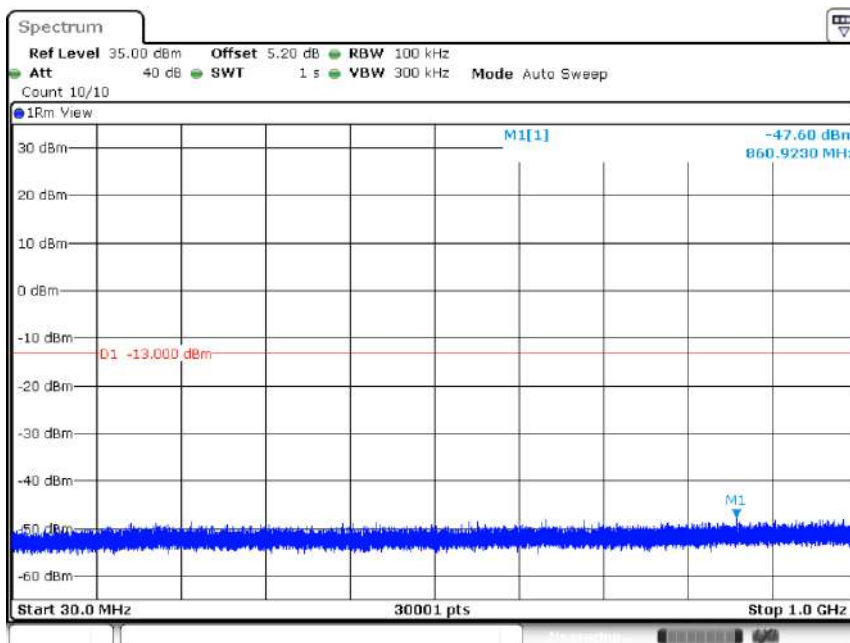
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
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-18900-1RB#0-Range2:1000~20000MHz



Date: 3.SEP.2020 21:59:29

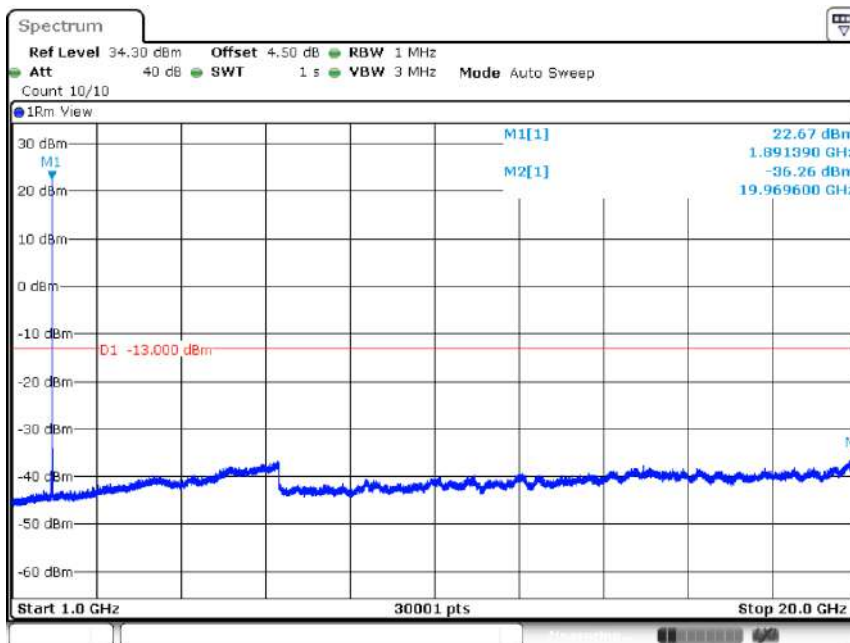
Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



Date: 3.SEP.2020 22:00:23

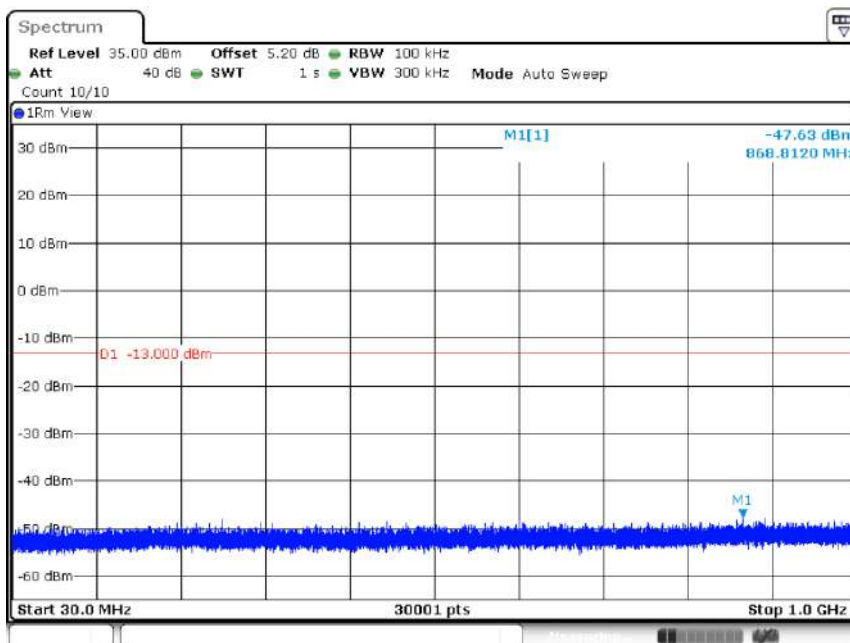


Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz



Date: 3.SEP.2020 22:00:39

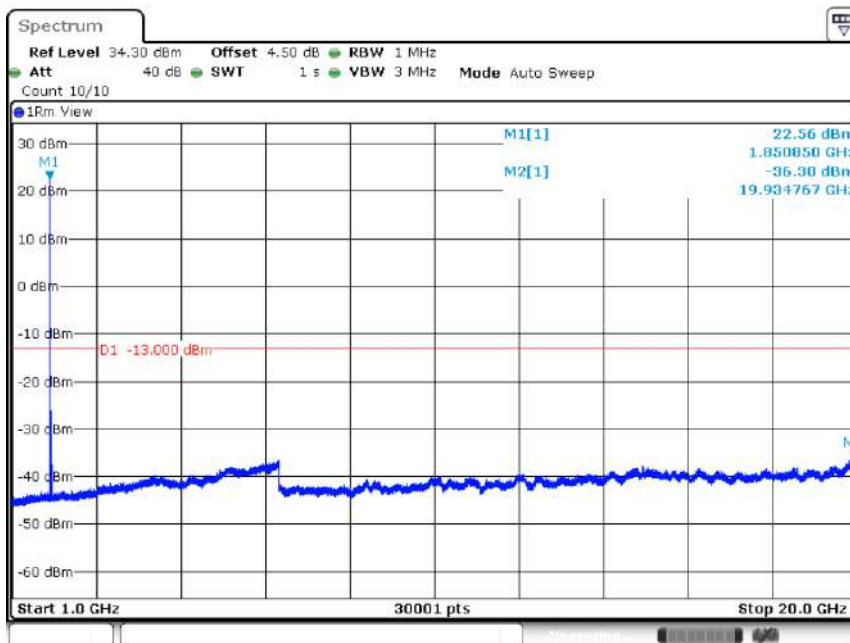
Band2-20MHz-64QAM-18700-1RB#0-Range1:30~1000MHz



Date: 3.SEP.2020 23:50:40

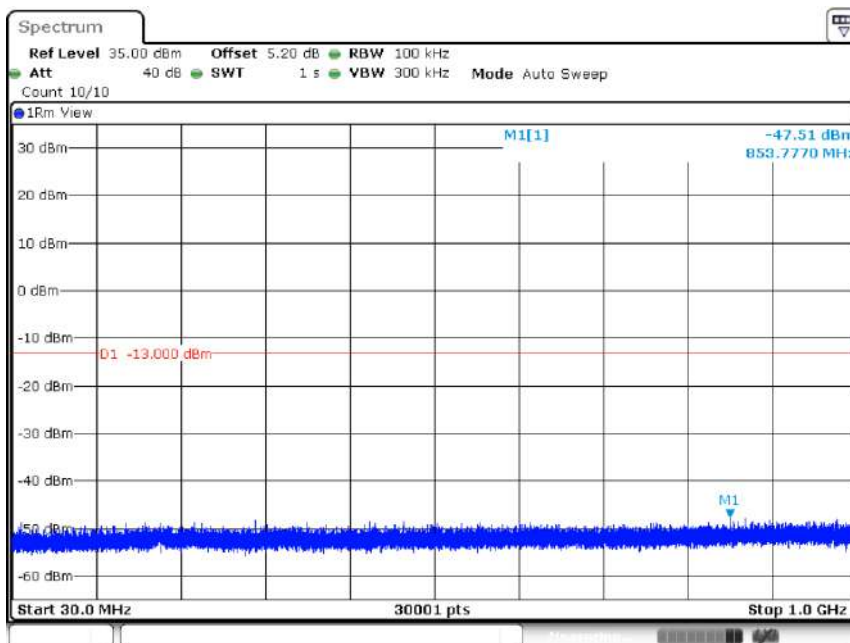


Band2-20MHz-64QAM-18700-1RB#0-Range2:1000~20000MHz



Date: 3.SEP.2020 23:50:56

Band2-20MHz-64QAM-18900-1RB#0-Range1:30~1000MHz



Date: 3.SEP.2020 23:51:15



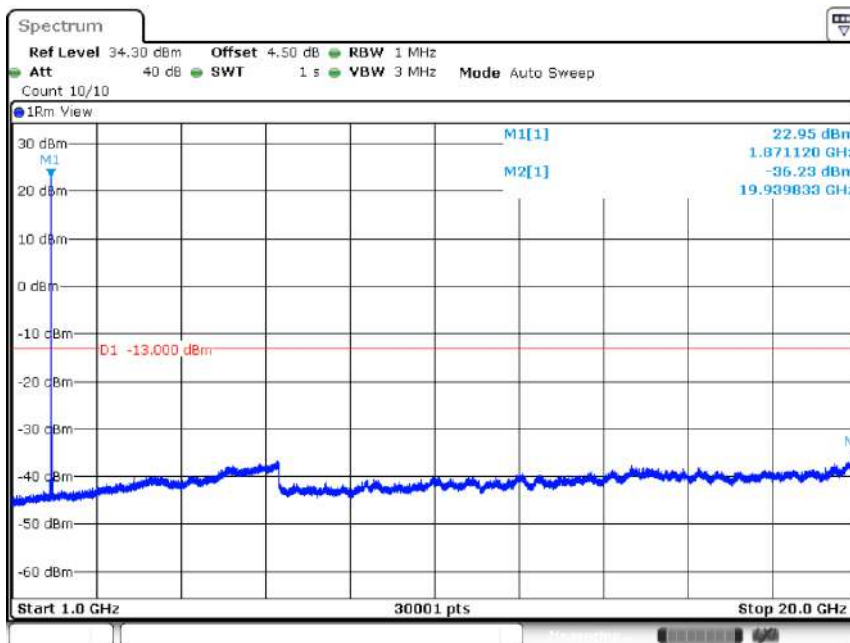
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

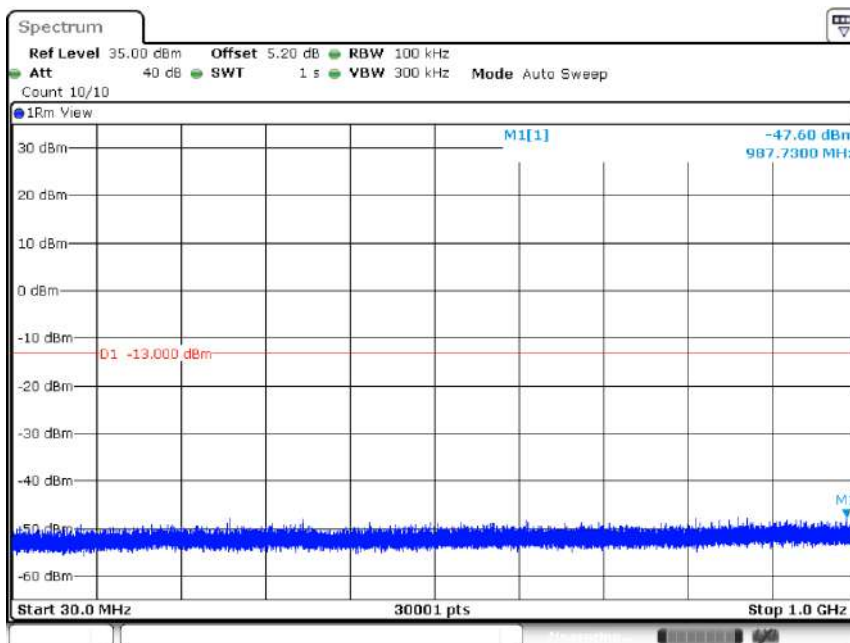
Member of the SGS Group (SGS SA)

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



Date: 3.SEP.2020 23:51:31

Band2-20MHz-64QAM-19100-1RB#0-Range1:30~1000MHz



Date: 3.SEP.2020 23:51:50



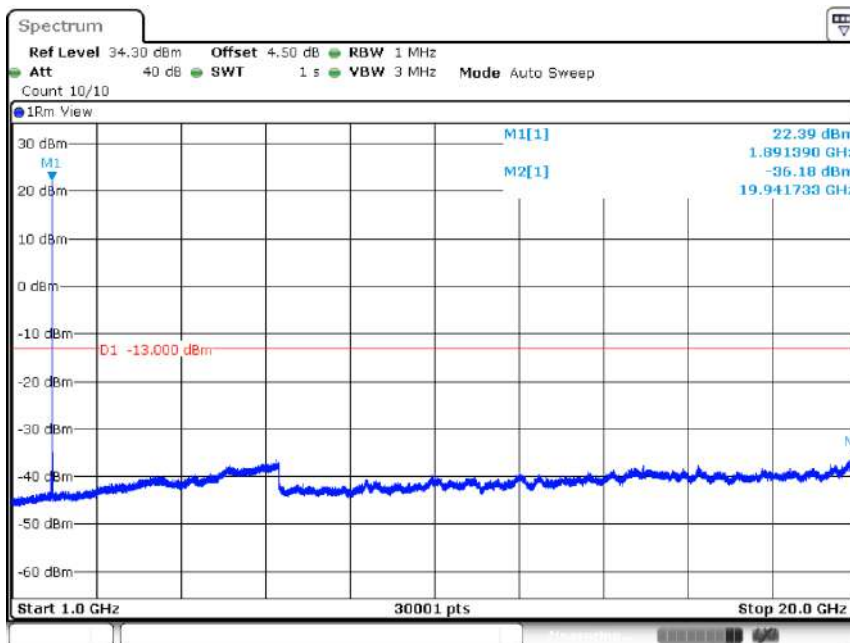
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

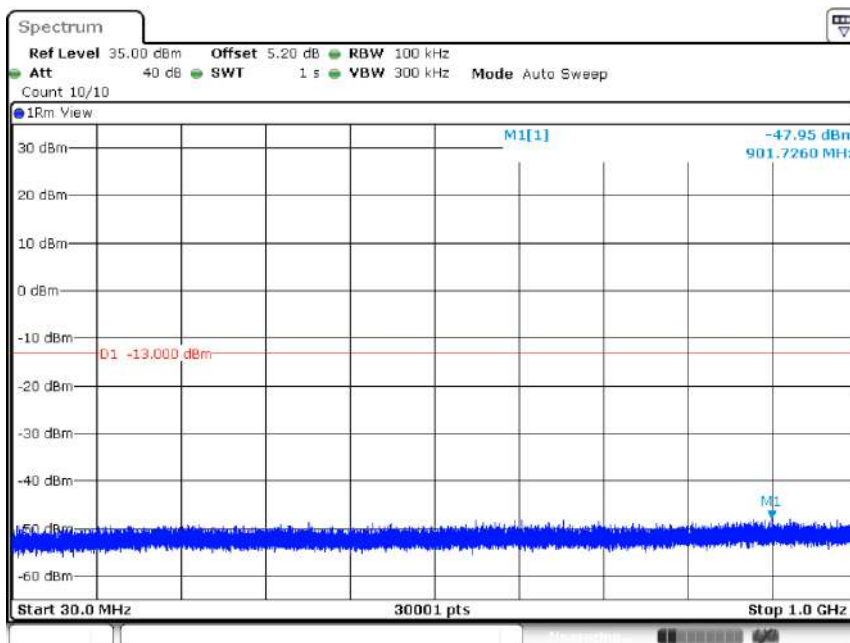
Member of the SGS Group (SGS SA)

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



Date: 3.SEP.2020 23:52:07

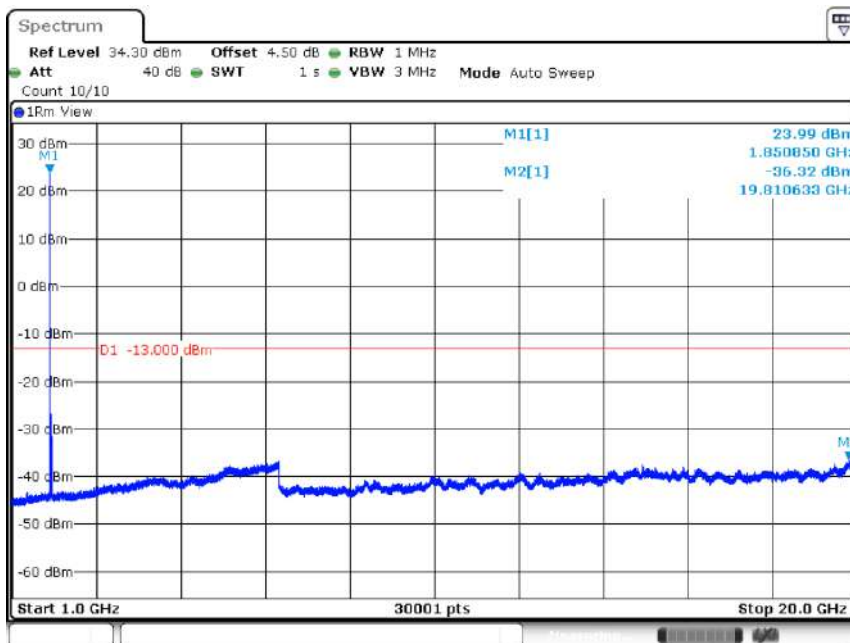
Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz



Date: 3.SEP.2020 21:58:38

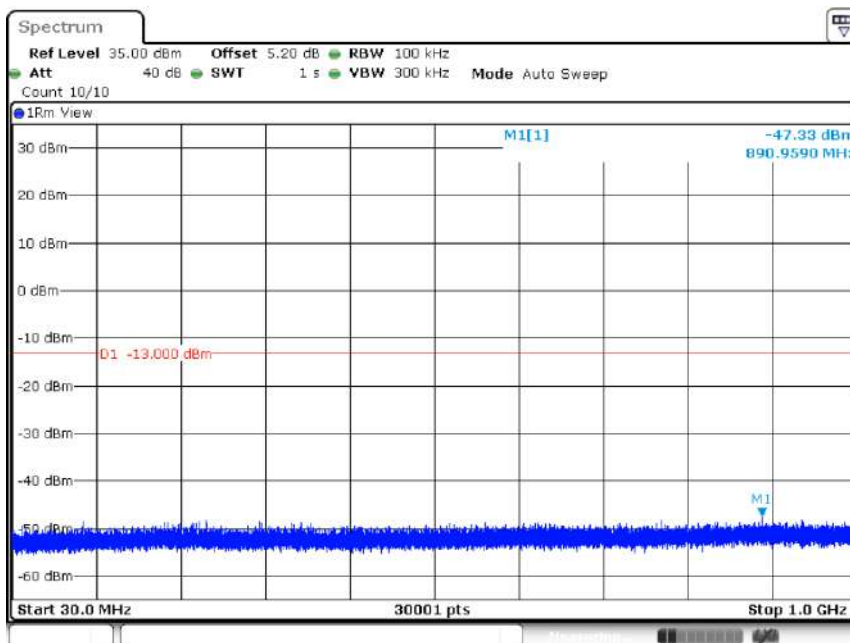


Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~20000MHz



Date: 3.SEP.2020 21:58:54

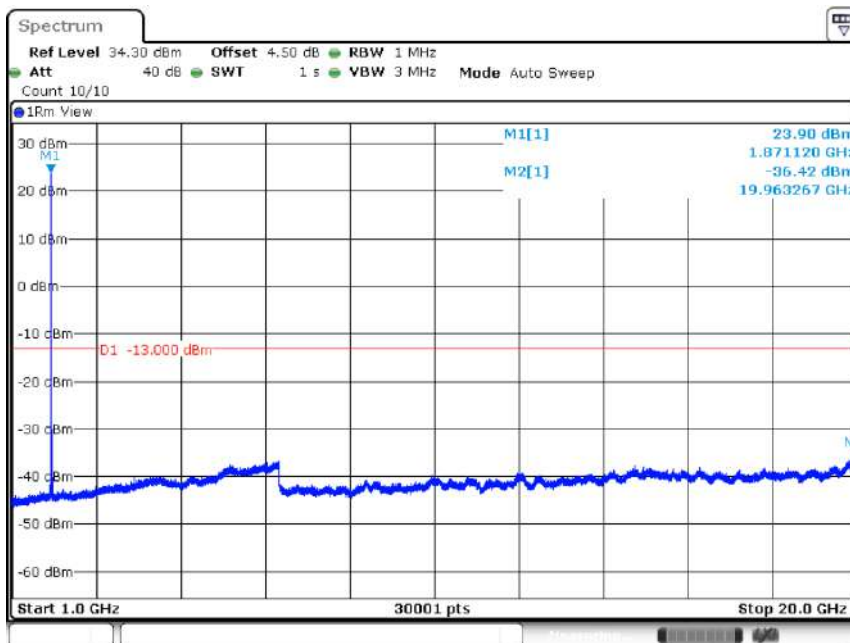
Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



Date: 3.SEP.2020 21:59:48

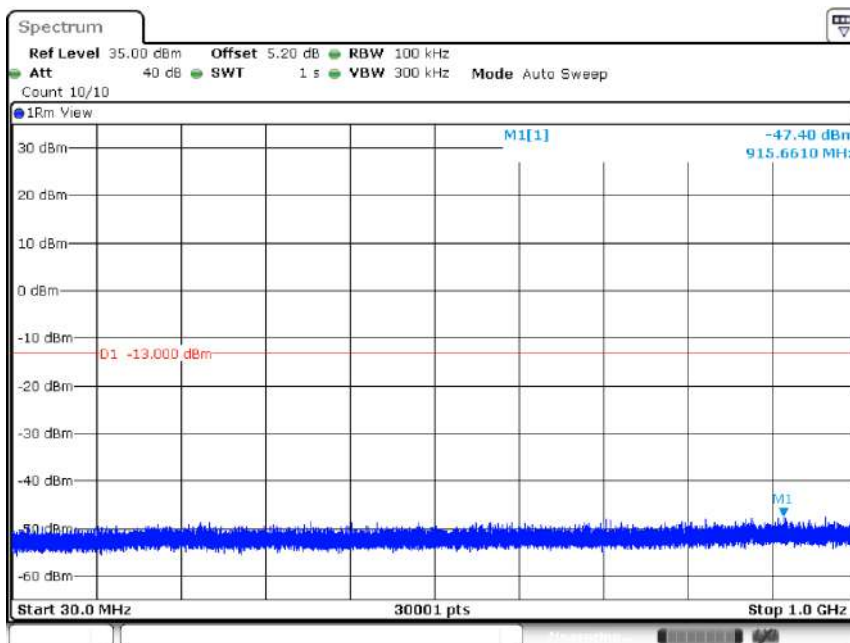


Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz



Date: 3.SEP.2020 22:00:04

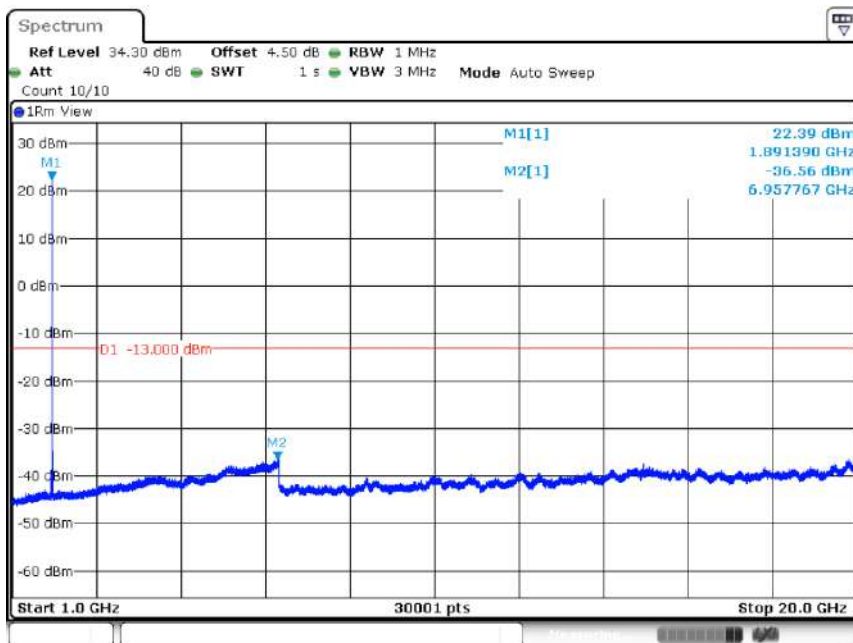
Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz



Date: 3.SEP.2020 22:00:58



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



Date: 3.SEP.2020 22:01:14



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

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

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

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

7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
30.5335	-75.00	-13.00	62.00	258	261	Vertical
111.3386	-64.65	-13.00	51.65	296	5	Vertical
591.1246	-64.35	-13.00	51.35	151	229	Vertical
3702.0234	-60.17	-13.00	47.17	184	229	Vertical
7338.6446	-55.63	-13.00	42.63	321	5	Vertical
17993.4998	-39.67	-13.00	26.67	251	197	Vertical
45.1328	-64.69	-13.00	51.69	174	293	Horizontal
227.3079	-67.99	-13.00	54.99	185	5	Horizontal
607.8094	-63.37	-13.00	50.37	231	293	Horizontal
3702.0234	-55.58	-13.00	42.58	215	197	Horizontal
7450.1483	-56.40	-13.00	43.40	191	197	Horizontal
16401.4467	-44.04	-13.00	31.04	258	69	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
30.3880	-75.38	-13.00	62.38	174	6	Vertical
114.5882	-64.90	-13.00	51.90	185	101	Vertical
605.6753	-63.91	-13.00	50.91	196	325	Vertical
3742.0247	-56.95	-13.00	43.95	321	197	Vertical
9329.7110	-52.39	-13.00	39.39	251	70	Vertical
17985.4995	-39.67	-13.00	26.67	164	38	Vertical
40.9130	-64.68	-13.00	51.68	149	325	Horizontal
103.2387	-75.13	-13.00	62.13	258	229	Horizontal
229.5875	-68.56	-13.00	55.56	251	229	Horizontal
3742.0247	-54.53	-13.00	41.53	184	197	Horizontal
9309.2103	-52.62	-13.00	39.62	196	165	Horizontal
16389.9463	-43.09	-13.00	30.09	184	102	Horizontal



7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
30.7275	-73.65	-13.00	60.65	158	158	Vertical
109.9320	-65.19	-13.00	52.19	196	317	Vertical
607.1304	-63.72	-13.00	50.72	184	189	Vertical
3782.5261	-58.53	-13.00	45.53	321	221	Vertical
7365.1455	-55.75	-13.00	42.75	251	317	Vertical
17990.9997	-39.78	-13.00	26.78	196	317	Vertical
43.3867	-64.45	-13.00	51.45	285	324	Horizontal
102.9962	-75.30	-13.00	62.30	215	292	Horizontal
241.9556	-68.44	-13.00	55.44	196	37	Horizontal
3782.5261	-51.87	-13.00	38.87	194	197	Horizontal
7461.6487	-56.40	-13.00	43.40	157	292	Horizontal
16398.4466	-43.22	-13.00	30.22	184	165	Horizontal

Remark:

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





8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	3.60	0.001935	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	4.10	0.002204	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	3.80	0.002043	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-0.20	-0.000106	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	1.20	0.000638	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-1.00	-0.000532	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-3.70	-0.001947	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-1.60	-0.000842	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-2.70	-0.001421	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VL	NT	4.50	0.002419	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VN	NT	3.50	0.001882	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VH	NT	2.70	0.001452	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VL	NT	1.20	0.000638	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VN	NT	1.00	0.000532	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VH	NT	1.20	0.000638	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VL	NT	0.00	0.000000	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VN	NT	-0.30	-0.000158	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VH	NT	-0.60	-0.000316	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	1.60	0.000860	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	0.30	0.000161	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	4.00	0.002151	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	2.10	0.001117	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	1.80	0.000957	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	0.50	0.000266	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-3.10	-0.001632	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-4.40	-0.002316	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-2.90	-0.001526	±2.5	PASS



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

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



8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	1.00	0.000538	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	0.10	0.000054	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	2.90	0.001559	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	4.20	0.002258	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	1.60	0.000860	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	2.70	0.001452	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	-1.00	-0.000538	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	1.10	0.000591	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	0.70	0.000376	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	0.90	0.000479	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	1.10	0.000585	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	3.00	0.001596	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	2.40	0.001277	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	2.50	0.001330	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	2.40	0.001277	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	1.60	0.000851	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	1.70	0.000904	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	1.90	0.001011	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-1.40	-0.000737	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-1.50	-0.000789	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	-1.90	-0.001000	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-5.30	-0.002789	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-3.70	-0.001947	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-5.00	-0.002632	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-1.30	-0.000684	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-2.60	-0.001368	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-3.10	-0.001632	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-30	4.80	0.002581	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-20	0.40	0.000215	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-10	3.30	0.001774	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	0	4.50	0.002419	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	10	3.80	0.002043	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	20	-0.10	-0.000054	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	30	0.70	0.000376	±2.5	PASS



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

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

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

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



Band2	20MHz	64QAM	18700	100RB#0	NV	40	3.70	0.001989	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	50	4.10	0.002204	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-30	0.20	0.000106	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-20	1.00	0.000532	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-10	0.30	0.000160	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	0	2.40	0.001277	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	10	2.00	0.001064	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	20	-0.80	-0.000426	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	30	-0.70	-0.000372	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	40	2.40	0.001277	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	50	0.70	0.000372	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-30	-2.10	-0.001105	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-20	0.40	0.000211	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-10	-1.40	-0.000737	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	0	-2.20	-0.001158	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	10	-1.30	-0.000684	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	20	-2.40	-0.001263	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	30	-1.60	-0.000842	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	40	-1.50	-0.000789	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	50	-4.10	-0.002158	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	3.30	0.001774	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	2.30	0.001237	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-10	3.40	0.001828	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	5.50	0.002957	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	3.90	0.002097	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	3.10	0.001667	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	3.90	0.002097	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	1.40	0.000753	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	3.70	0.001989	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	2.90	0.001543	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	1.00	0.000532	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	0.20	0.000106	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	-0.90	-0.000479	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	2.60	0.001383	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	1.20	0.000638	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	2.90	0.001543	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	0.70	0.000372	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	1.40	0.000745	±2.5	PASS



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

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

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

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



Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-3.50	-0.001842	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-0.40	-0.000211	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-10	-3.40	-0.001789	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-1.70	-0.000895	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-4.30	-0.002263	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-2.20	-0.001158	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-3.70	-0.001947	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	-0.90	-0.000474	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-0.80	-0.000421	±2.5	PASS



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

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