Appendix B

E-UTRA Band 2

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

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

CONTENT

1 EFFECTIVE (ISOTROPIC) RADIATED POWER 4

1.1. TEST RESULT 4

2. PEAK-TO-AVERAGE RATIO (CCDF) 16

2.1. TEST RESULT 16

2.2. TEST PLOTS 16

3. MODULATION CHARACTERISTICS 21

3.1. TEST MODE = LTE /TM1 20MHZ 21

3.1.1. TEST CHANNEL = MCH 21

3.2. TEST MODE = LTE /TM2 20MHZ 22

3.2.1. TEST CHANNEL = MCH 22

3.3. TEST MODE = LTE /TM3 20MHZ 23

3.3.1. TEST CHANNEL = MCH 23

4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH 24

4.1. TEST RESULT 24

4.2. TEST PLOTS 26

5. BAND EDGE COMPLIANCE 53

5.1. TEST PLOTS 53

6. SPURIOUS EMISSION AT ANTENNA TERMINAL 90

6.1. TEST PLOTS 90

7. FIELD STRENGTH OF SPURIOUS RADIATION 100

7.1. TEST MODE =LTE/TM1 20MHZ(UP ANTENNA) 100

7.1.1. TEST CHANNEL = LCH 100

7.1.2. TEST CHANNEL = MCH 100

7.1.3. TEST CHANNEL = HCH 101

7.2. TEST MODE =LTE/TM1 20MHZ(DOWN ANTENNA) 102

7.2.1. TEST CHANNEL = LCH 102

7.2.2. TEST CHANNEL = MCH 102

7.2.3. TEST CHANNEL = HCH 103

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

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

8. FREQUENCY STABILITY.....104

8.1. FREQUENCY VS VOLTAGE.....104

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

1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#2	23.05	20.02	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.83	19.8	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	22.97	19.94	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.14	20.11	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	22.90	19.87	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	22.81	19.78	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.00	18.97	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.95	19.92	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.79	19.76	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.75	19.72	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.08	20.05	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	22.79	19.76	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	22.77	19.74	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.88	18.85	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.87	19.84	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.77	19.74	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.75	19.72	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	22.78	19.75	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	22.74	19.71	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	22.72	19.69	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.74	18.71	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	21.51	18.48	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	21.54	18.51	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	21.04	18.01	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#0	21.14	18.11	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#1	21.20	18.17	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#3	20.92	17.89	33.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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	64QAM	18607	6RB#0	20.03	17	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	21.68	18.65	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	21.35	18.32	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	21.17	18.14	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#1	21.20	18.17	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#3	21.05	18.02	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#0	20.85	17.82	33.00	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	20.08	17.05	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	21.72	18.69	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	20.90	17.87	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	20.91	17.88	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#0	20.85	17.82	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#1	20.90	17.87	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#3	20.89	17.86	33.00	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	19.89	16.86	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.36	19.33	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.39	19.36	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.89	18.86	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	21.99	18.96	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.05	19.02	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	21.77	18.74	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	20.88	17.85	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.53	19.5	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.20	19.17	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.02	18.99	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.05	19.02	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	21.90	18.87	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	21.70	18.67	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.93	17.9	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.57	19.54	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.75	18.72	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.76	18.73	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.70	18.67	33.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
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	3RB#1	21.75	18.72	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	21.74	18.71	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.74	17.71	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.13	20.1	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	22.88	19.85	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.97	19.94	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.15	19.12	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.04	19.01	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#4	21.87	18.84	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.04	19.01	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.04	20.01	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.87	19.84	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	22.79	19.76	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.14	19.11	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#7	21.83	18.8	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#0	21.77	18.74	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.99	18.96	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.97	19.94	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.79	19.76	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.79	19.76	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#7	21.76	18.73	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#4	21.76	18.73	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#0	21.73	18.7	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.79	18.76	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#0	21.84	18.81	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#8	21.75	18.72	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#14	21.28	18.25	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#0	20.43	17.4	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#4	20.33	17.3	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#7	20.10	17.07	33.00	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.24	17.21	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#14	21.72	18.69	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#0	21.46	18.43	33.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
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	3MHz	64QAM	18900	1RB#8	21.24	18.21	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#0	20.33	17.3	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#7	20.19	17.16	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#4	20.11	17.08	33.00	PASS
Band2	3MHz	64QAM	18900	15RB#0	20.20	17.17	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#0	21.97	18.94	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#8	21.26	18.23	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#14	21.15	18.12	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#7	20.09	17.06	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#0	20.09	17.06	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#4	19.93	16.9	33.00	PASS
Band2	3MHz	64QAM	19185	15RB#0	19.87	16.84	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.44	19.41	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.49	19.46	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.03	19	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.01	17.98	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.13	18.1	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#4	20.79	17.76	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	20.91	17.88	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.54	19.51	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.26	19.23	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.03	19	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.14	18.11	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#0	20.98	17.95	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#7	20.81	17.78	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.98	17.95	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.68	19.65	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.89	18.86	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.79	18.76	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#0	20.77	17.74	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#4	20.74	17.71	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#7	20.74	17.71	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.79	17.76	33.00	PASS

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

Band2	5MHz	QPSK	18625	1RB#12	23.23	20.2	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	22.79	19.76	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.03	20	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.27	19.24	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.18	19.15	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#0	21.93	18.9	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.09	19.06	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.13	20.1	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.96	19.93	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.76	19.73	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.15	19.12	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#13	21.87	18.84	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#6	21.83	18.8	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.05	19.02	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.06	20.03	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.79	19.76	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.72	19.69	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#0	21.72	18.69	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#6	21.76	18.73	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#13	21.75	18.72	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.71	18.68	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#24	21.59	18.56	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#0	21.64	18.61	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#12	21.18	18.15	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#0	20.16	17.13	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#13	20.28	17.25	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#6	19.94	16.91	33.00	PASS
Band2	5MHz	64QAM	18625	25RB#0	20.06	17.03	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#12	21.69	18.66	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#0	21.41	18.38	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#24	21.18	18.15	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#0	20.29	17.26	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#6	20.13	17.1	33.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
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	5MHz	64QAM	18900	12RB#13	19.96	16.93	33.00	PASS
Band2	5MHz	64QAM	18900	25RB#0	20.13	17.1	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#12	21.83	18.8	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#0	21.04	18.01	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#24	20.94	17.91	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#13	19.92	16.89	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#6	19.89	16.86	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#0	19.89	16.86	33.00	PASS
Band2	5MHz	64QAM	19175	25RB#0	19.94	16.91	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.55	19.52	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.51	19.48	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.13	19.1	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.14	18.11	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.14	18.11	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#13	20.85	17.82	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.02	17.99	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.56	19.53	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.31	19.28	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.04	19.01	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.15	18.12	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.01	17.98	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#13	20.88	17.85	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.01	17.98	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.69	19.66	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	21.98	18.95	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	21.90	18.87	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#0	20.84	17.81	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#6	20.84	17.81	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.64	18.61	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.72	18.69	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.33	20.3	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	22.78	19.75	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.14	20.11	33.00	PASS

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

Band2	10MHz	QPSK	18650	25RB#0	22.29	19.26	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.32	19.29	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#25	21.96	18.93	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.15	19.12	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.22	20.19	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.06	20.03	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.72	19.69	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.21	19.18	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.00	18.97	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#0	21.86	18.83	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.12	19.09	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.11	20.08	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.81	19.78	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.75	19.72	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#0	21.79	18.76	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#12	21.82	18.79	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#25	21.78	18.75	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.73	18.7	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#0	21.70	18.67	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#49	21.66	18.63	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#24	21.28	18.25	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#12	20.29	17.26	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#0	20.29	17.26	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#25	20.00	16.97	33.00	PASS
Band2	10MHz	64QAM	18650	50RB#0	20.17	17.14	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#0	21.71	18.68	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#49	21.46	18.43	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#24	21.19	18.16	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#0	20.30	17.27	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#12	20.16	17.13	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#25	20.03	17	33.00	PASS
Band2	10MHz	64QAM	18900	50RB#0	20.16	17.13	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#49	21.84	18.81	33.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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	10MHz	64QAM	19150	1RB#24	21.13	18.1	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#0	21.05	18.02	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#25	19.99	16.96	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#0	19.99	16.96	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#12	20.79	17.76	33.00	PASS
Band2	10MHz	64QAM	19150	50RB#0	20.87	17.84	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.69	19.66	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.60	19.57	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.13	19.1	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.28	18.25	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.18	18.15	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#12	20.95	17.92	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.09	18.06	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.57	19.54	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.31	19.28	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.09	19.06	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.18	18.15	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.04	18.01	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#25	20.96	17.93	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.05	18.02	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.82	19.79	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.11	19.08	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.00	18.97	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#0	20.94	17.91	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#12	20.94	17.91	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#25	20.78	17.75	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.72	17.69	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.47	20.44	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.84	19.81	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.27	20.24	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#39	22.38	19.35	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#18	22.32	19.29	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#0	22.06	19.03	33.00	PASS

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

Band2	15MHz	QPSK	18675	75RB#0	22.19	19.16	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.30	20.27	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.14	20.11	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.74	19.71	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#0	22.29	19.26	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#39	22.05	19.02	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#18	21.95	18.92	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.13	19.1	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.18	20.15	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.81	19.78	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.79	19.76	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#39	21.90	18.87	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#0	21.90	18.87	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#18	21.72	18.69	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.82	18.79	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#74	21.59	18.56	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#38	21.64	18.61	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#0	21.18	18.15	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#0	20.16	17.13	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#18	20.28	17.25	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#39	19.94	16.91	33.00	PASS
Band2	15MHz	64QAM	18675	75RB#0	20.06	17.03	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#0	21.69	18.66	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#38	21.41	18.38	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#74	21.18	18.15	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#0	20.29	17.26	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#18	20.13	17.1	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#39	19.96	16.93	33.00	PASS
Band2	15MHz	64QAM	18900	75RB#0	20.13	17.1	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#38	21.83	18.8	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#74	21.04	18.01	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#0	20.94	17.91	33.00	PASS
Band2	15MHz	64QAM	19125	36RB#0	19.92	16.89	33.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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	15MHz	64QAM	19125	36RB#18	19.89	16.86	33.00	PASS
Band2	15MHz	64QAM	19125	36RB#39	19.89	16.86	33.00	PASS
Band2	15MHz	64QAM	19125	75RB#0	19.94	16.91	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.83	19.8	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.70	19.67	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.17	19.14	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#0	21.34	18.31	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#18	21.30	18.27	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#39	21.04	18.01	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.21	18.18	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.64	19.61	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.35	19.32	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.20	19.17	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#0	21.24	18.21	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#18	21.18	18.15	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#39	21.01	17.98	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.11	18.08	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.89	19.86	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.16	19.13	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.06	19.03	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#39	21.00	17.97	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#0	21.02	17.99	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#18	20.79	17.76	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.77	17.74	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.53	20.5	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.98	19.95	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.33	20.3	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.39	19.36	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.38	19.35	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.11	19.08	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.20	19.17	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.33	20.3	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.14	20.11	33.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
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	QPSK	18900	1RB#0	22.75	19.72	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.29	19.26	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.18	19.15	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.01	18.98	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.19	19.16	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.30	20.27	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.86	19.83	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.75	19.72	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#25	22.04	19.01	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#50	21.94	18.91	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.72	18.69	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.88	18.85	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#0	21.84	18.81	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#49	21.75	18.72	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#99	21.28	18.25	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#0	20.43	17.4	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#25	20.33	17.3	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#50	20.10	17.07	33.00	PASS
Band2	20MHz	64QAM	18700	100RB#0	20.24	17.21	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#99	21.72	18.69	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#0	21.46	18.43	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#49	21.24	18.21	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#25	20.33	17.3	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#50	20.19	17.16	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#0	20.11	17.08	33.00	PASS
Band2	20MHz	64QAM	18900	100RB#0	20.20	17.17	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#49	21.97	18.94	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#99	21.26	18.23	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#0	21.15	18.12	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#50	20.09	17.06	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#0	20.09	17.06	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#25	19.93	16.9	33.00	PASS
Band2	20MHz	64QAM	19100	100RB#0	19.87	16.84	33.00	PASS

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

Band2	20MHz	16QAM	18700	1RB#99	22.85	19.82	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.72	19.69	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.29	19.26	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.43	18.4	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.35	18.32	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.17	18.14	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.29	18.26	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.74	19.71	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.48	19.45	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.32	19.29	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.38	18.35	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.22	18.19	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.07	18.04	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.18	18.15	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.89	19.86	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.28	19.25	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.08	19.05	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.08	18.05	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.03	18	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#0	20.88	17.85	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.89	17.86	33.00	PASS

Remark:

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

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

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

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

Member of the SGS Group (SGS SA)

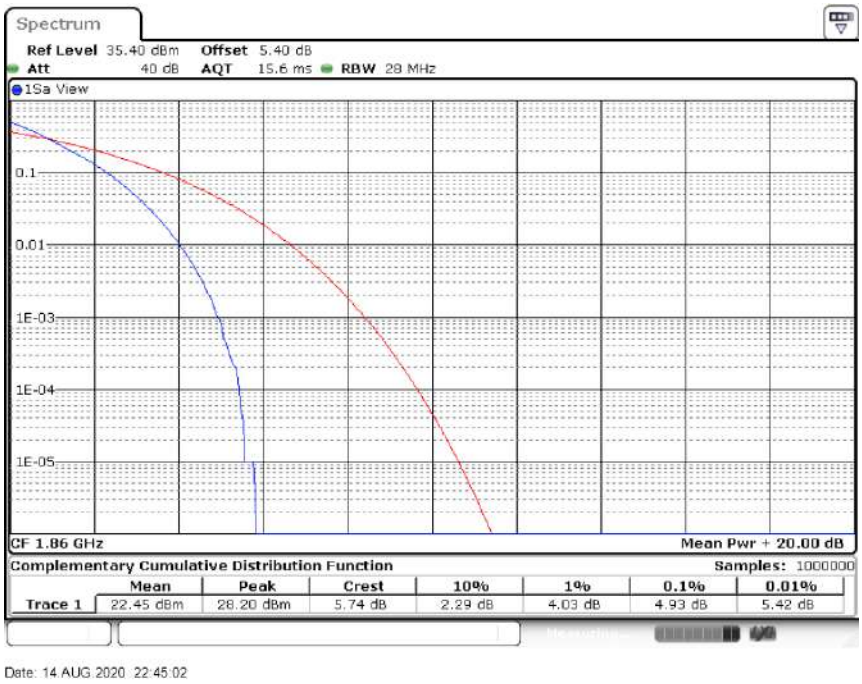
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	4.93	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.36	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.30	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.12	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.46	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.43	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	5.77	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.17	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.12	13	PASS

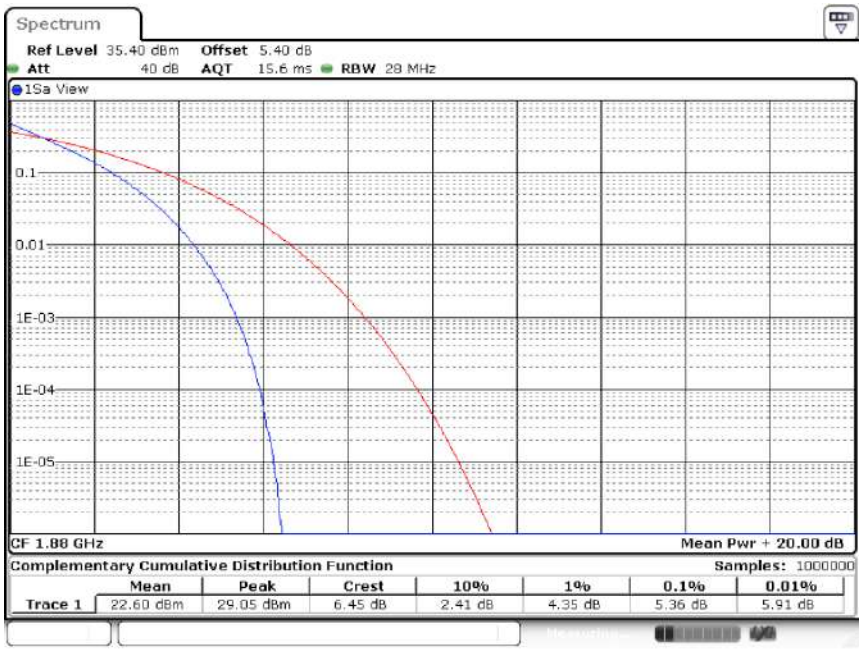
2.2. Test Plots

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



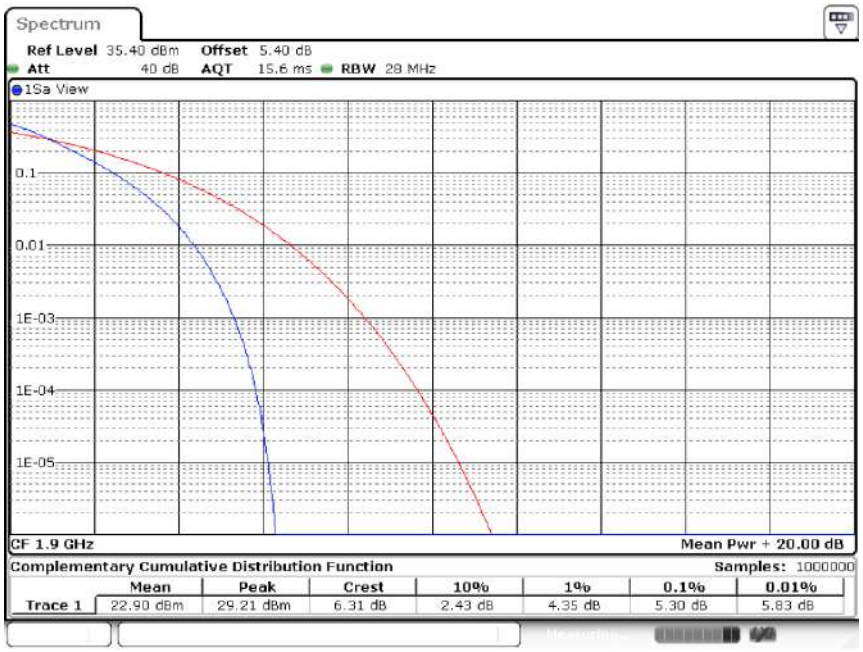
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 14 AUG 2020 22:45:25

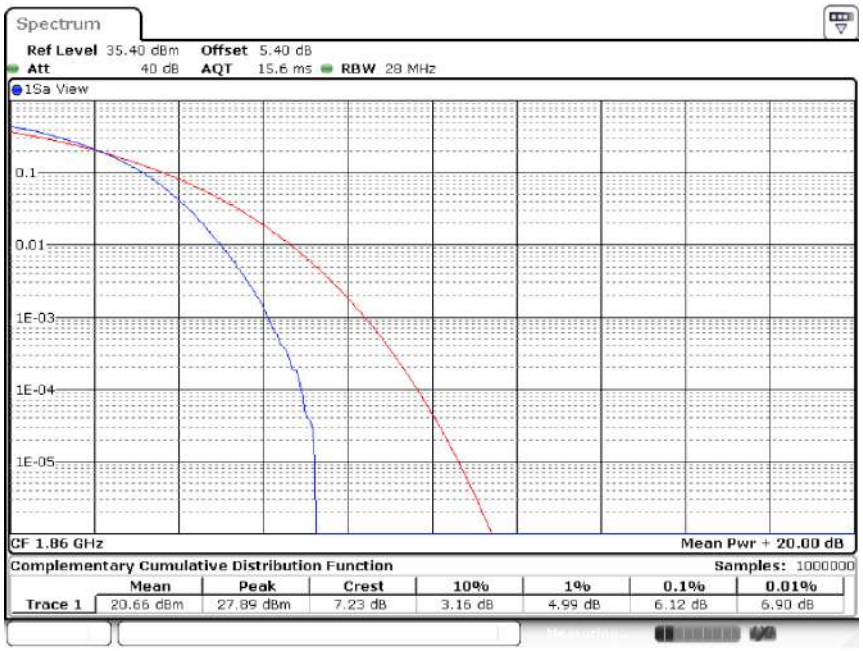
Band2-20MHz-QPSK-19100-100RB#0



Date: 14 AUG 2020 22:45:48

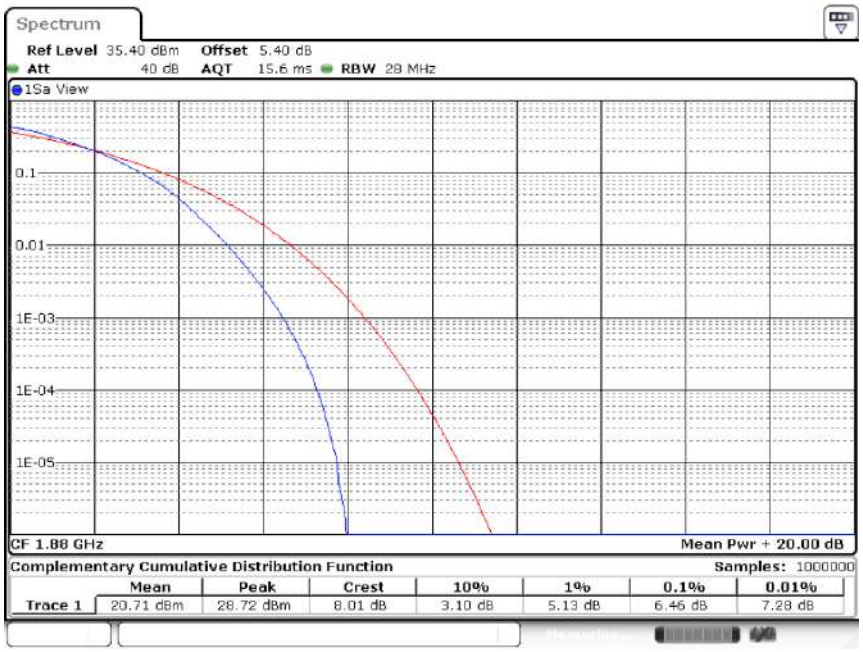
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 15 AUG 2020 01:45:56

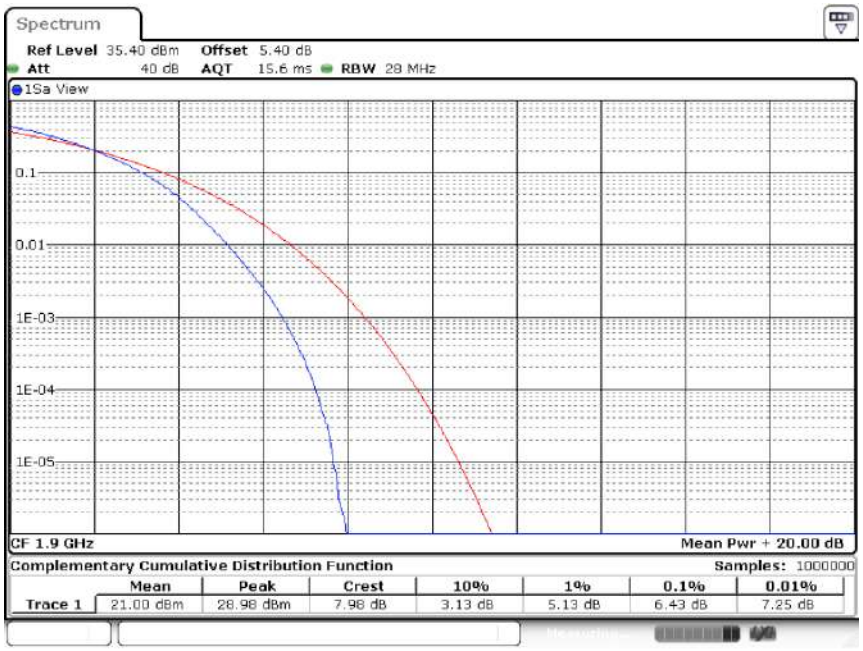
Band2-20MHz-64QAM-18900-100RB#0



Date: 15 AUG 2020 01:46:07

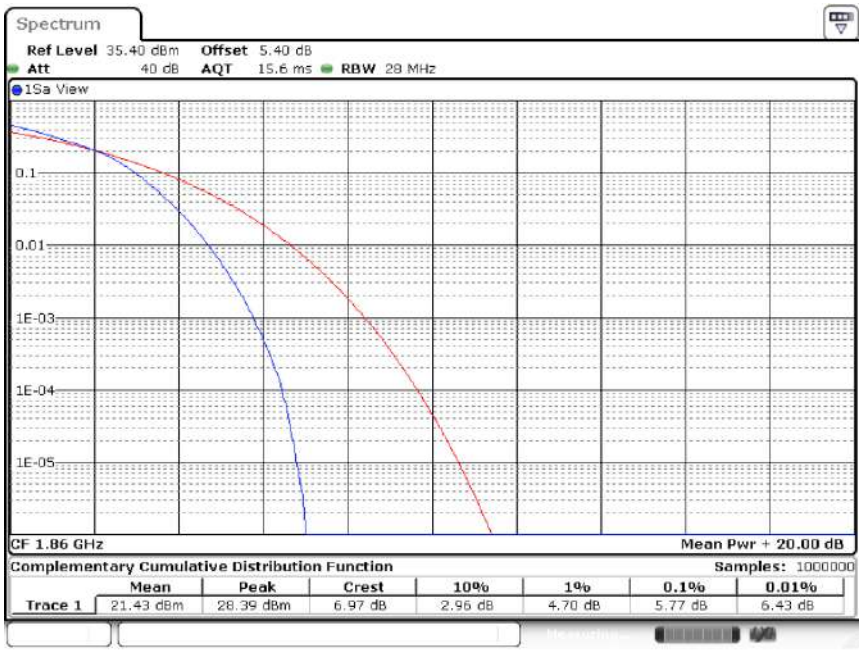
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 15 AUG 2020 01:46:19

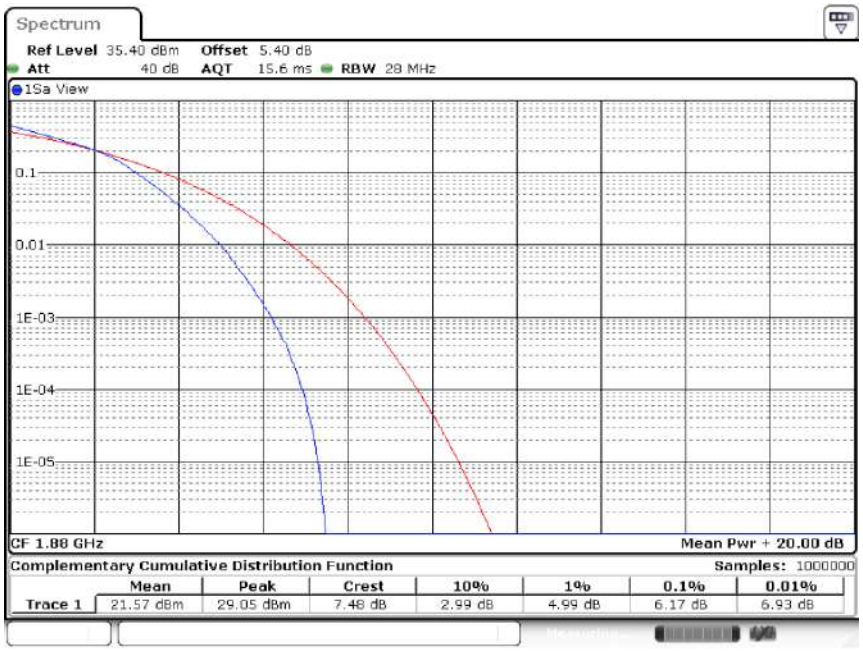
Band2-20MHz-16QAM-18700-100RB#0



Date: 14 AUG 2020 22:45:14

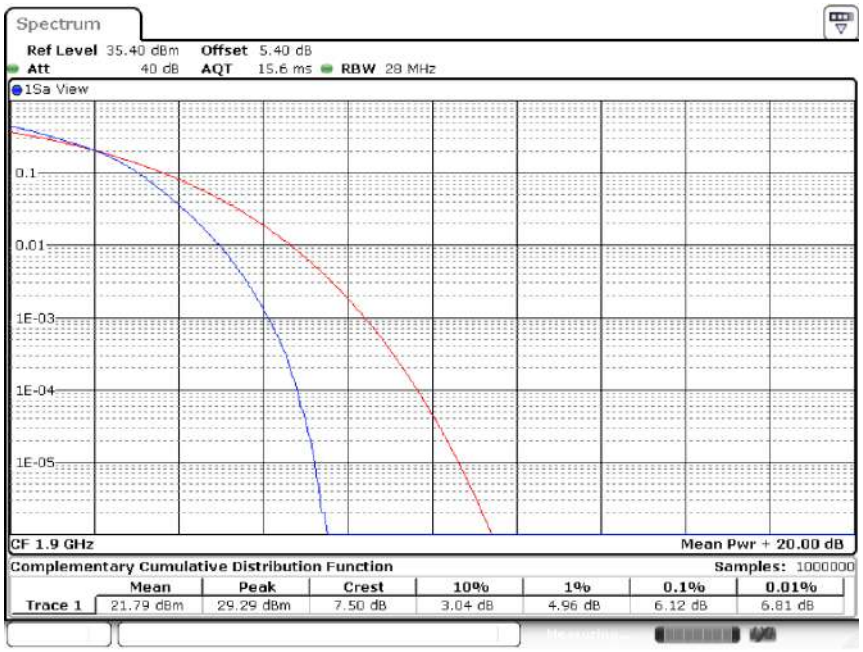
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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
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-18900-100RB#0



Date: 14 AUG 2020 22:45:37

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



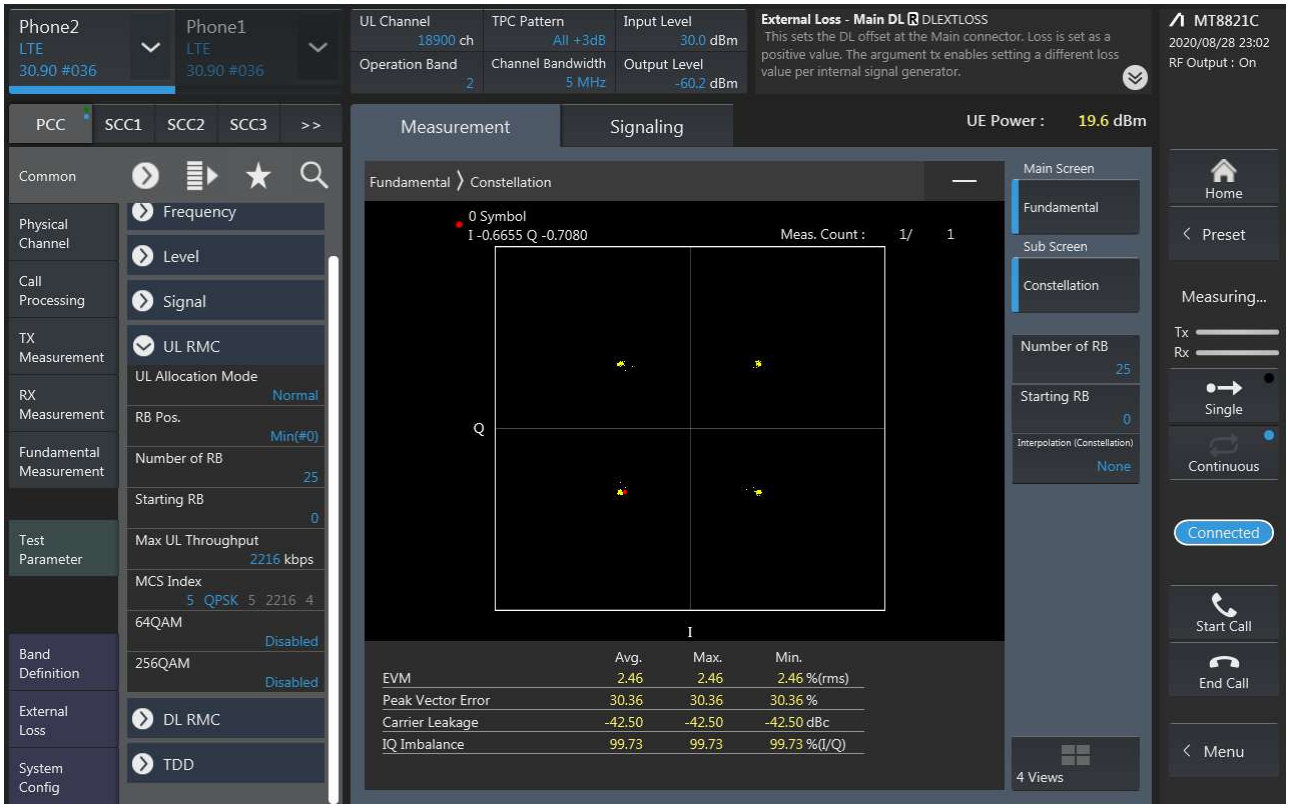
Date: 14 AUG 2020 22:46:00

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

3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

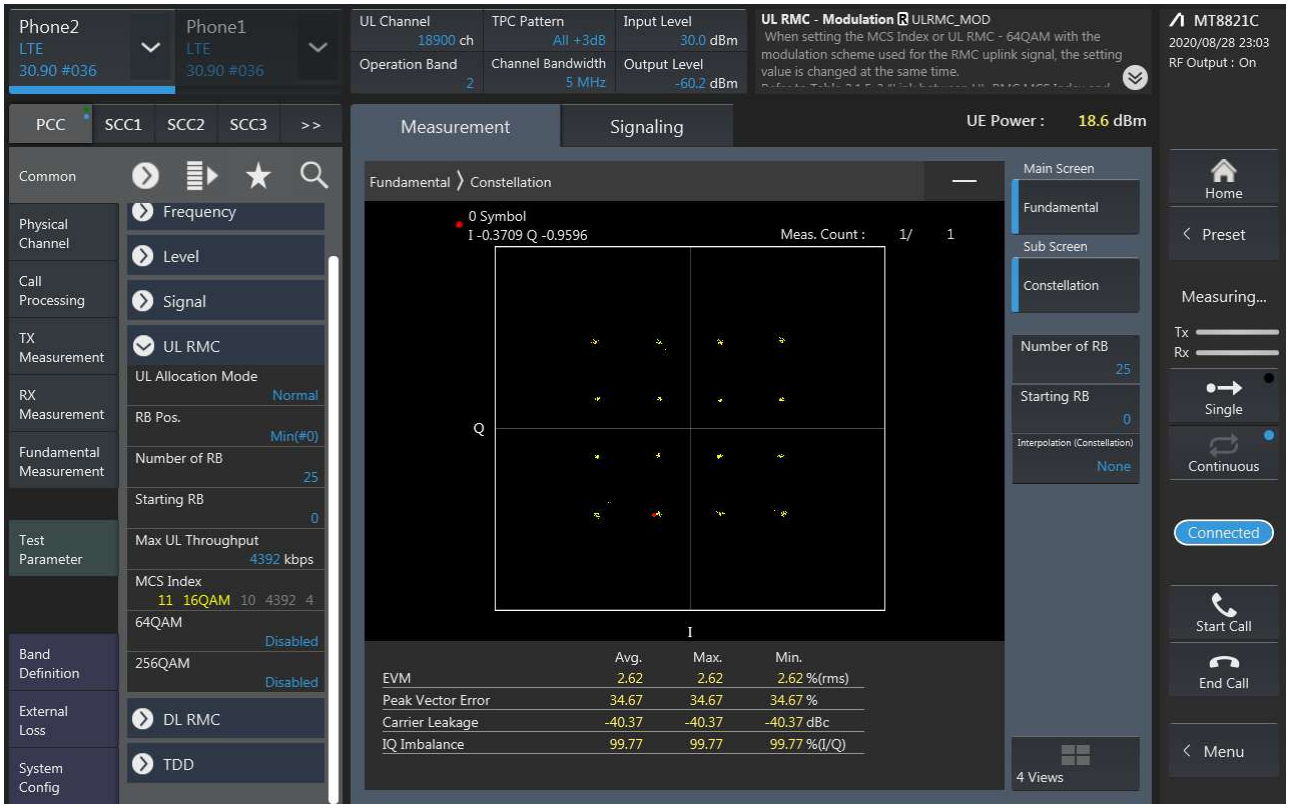
3.1.1. Test Channel = MCH



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

3.2. Test Mode = LTE /TM2 20MHz

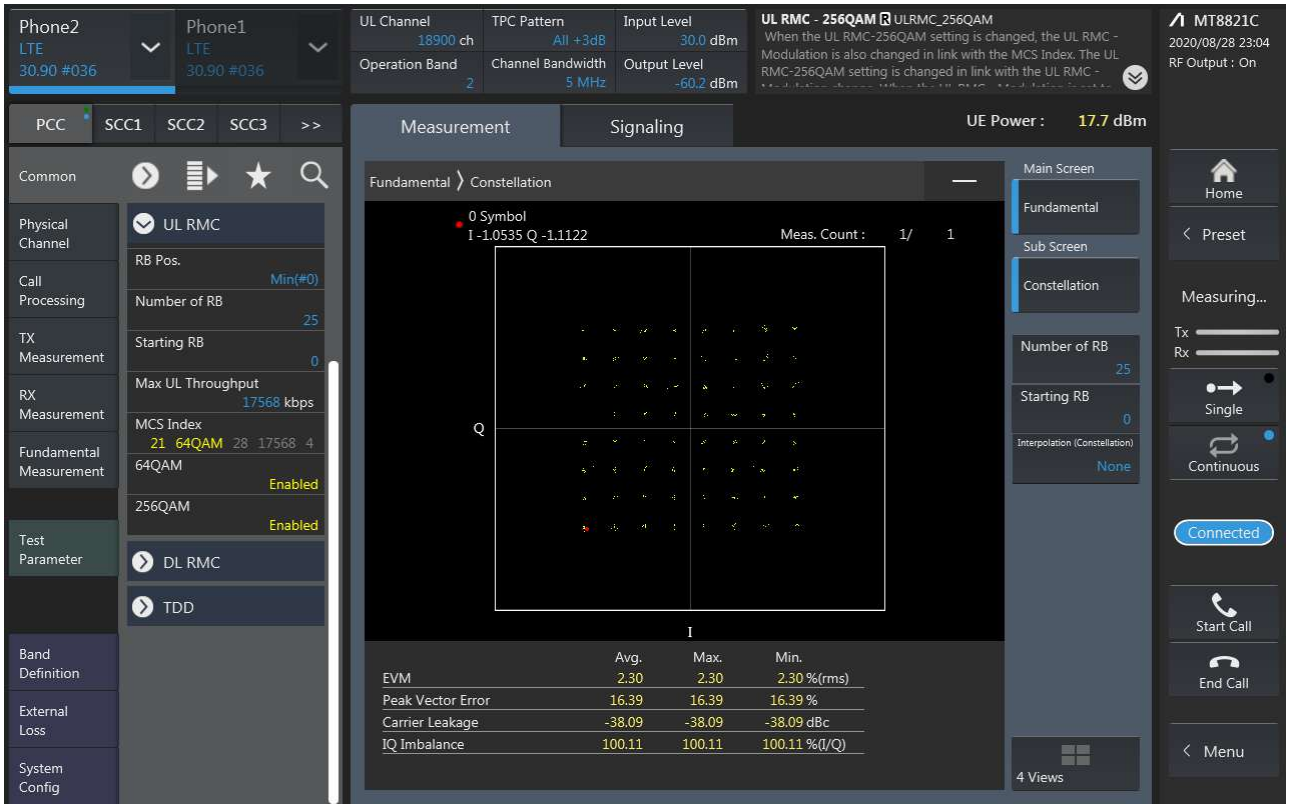
3.2.1.Test Channel = MCH



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

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

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	1.094	1.287	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.091	1.287	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.094	1.284	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.1	1.284	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.097	1.293	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.097	1.296	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.091	1.290	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.091	1.287	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.088	1.284	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.697	2.988	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.703	2.994	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.697	2.994	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.691	2.988	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.691	2.976	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.691	2.982	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.685	2.976	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.685	2.982	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.679	2.970	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.466	4.930	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.476	4.930	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.476	4.920	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.476	4.920	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.476	4.920	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.476	4.900	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.476	4.980	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.496	4.940	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.486	4.940	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.911	9.700	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.931	9.780	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.911	9.720	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.911	9.680	PASS

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

Band2	10MHz	64QAM	18900	50RB#0	8.931	9.680	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.931	9.680	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.931	9.720	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.931	9.760	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.931	9.760	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.457	14.790	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.457	14.820	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.427	14.760	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.427	14.850	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.457	14.850	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.427	14.850	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.427	14.730	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.487	14.760	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.457	14.790	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.862	19.400	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.902	19.480	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.862	19.400	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.862	19.440	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.902	19.480	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.902	19.400	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.862	19.440	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.902	19.440	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.902	19.360	PASS

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

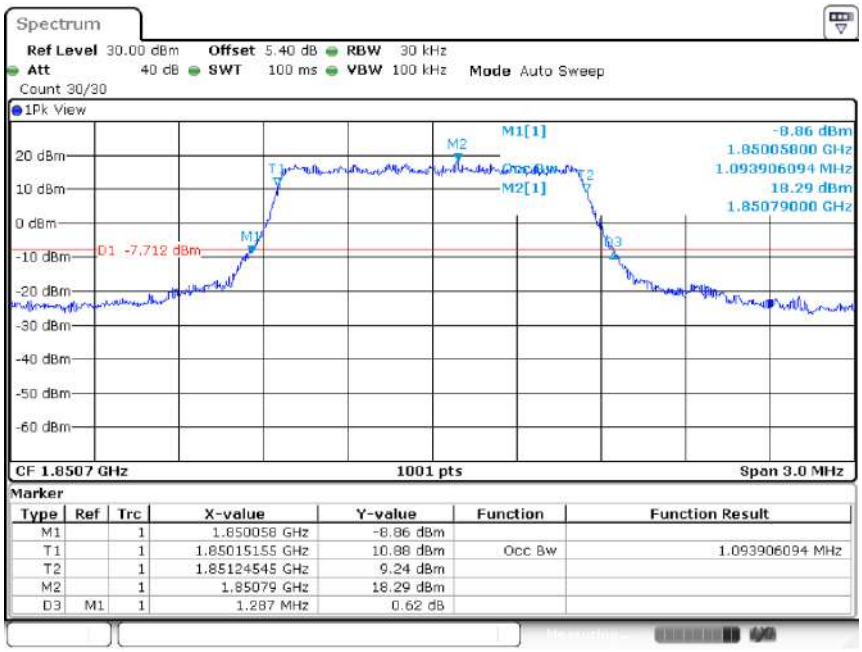
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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)

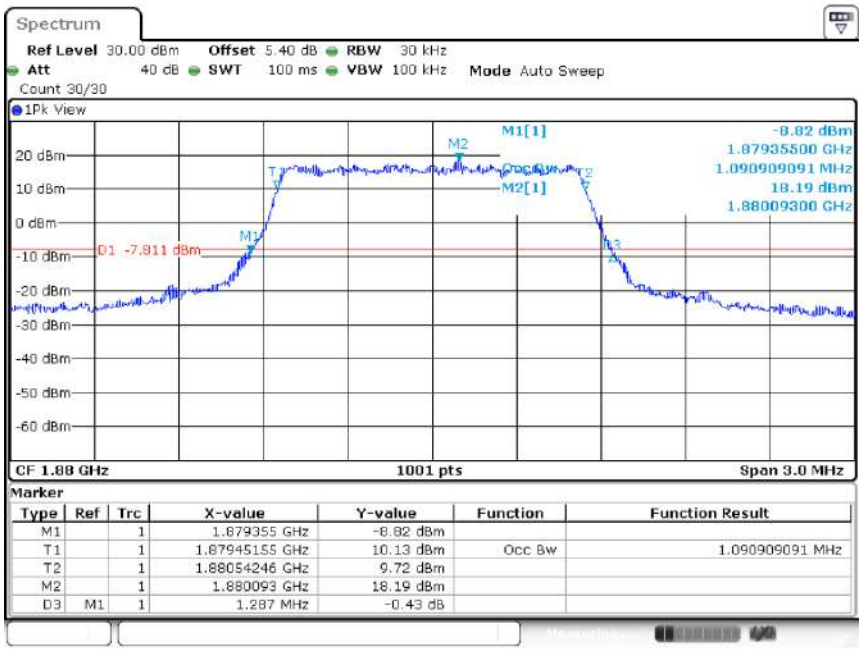
4.2. Test Plots

Band2-1.4MHz-QPSK-18607-6RB#0-1.094



Date: 14 AUG 2020 22:06:08

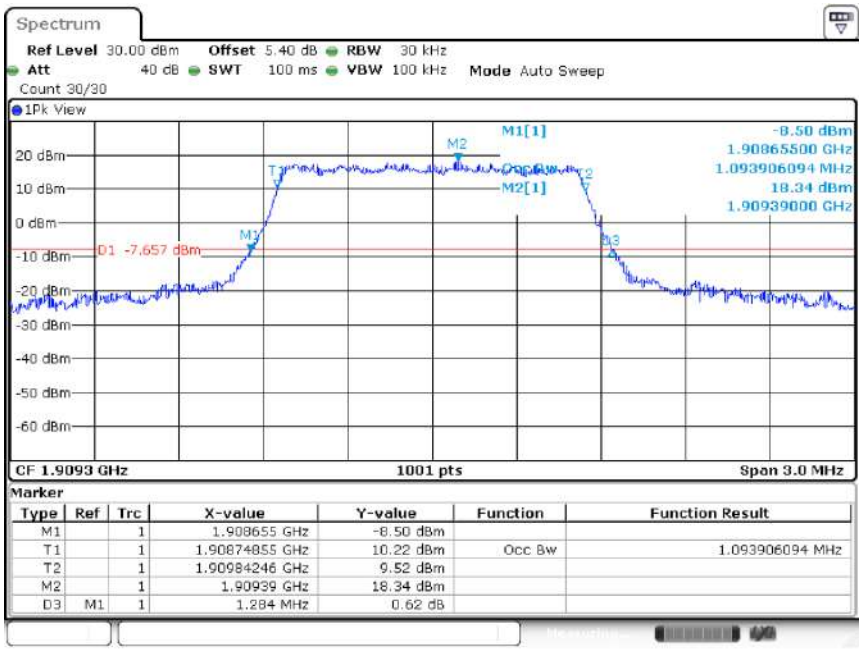
Band2-1.4MHz-QPSK-18900-6RB#0-1.091



Date: 14 AUG 2020 22:06:34

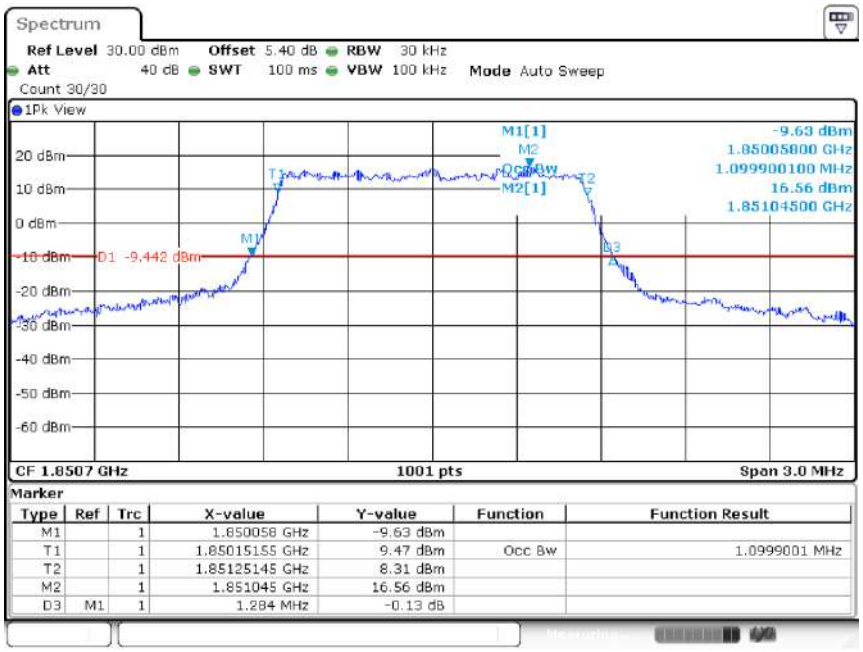
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 14.AUG.2020 22:06:59

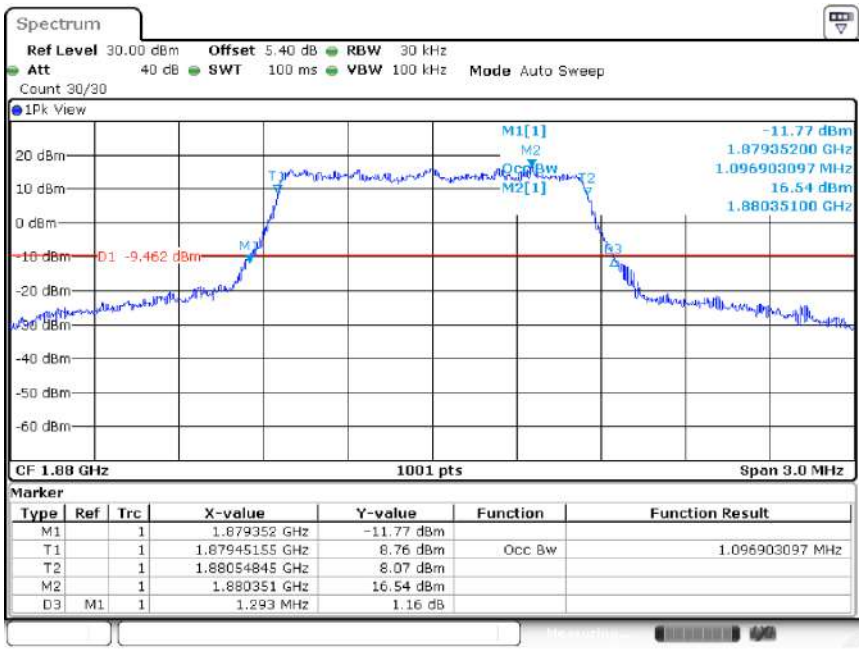
Band2-1.4MHz-64QAM-18607-6RB#0-1.1



Date: 15.AUG.2020 01:24:56

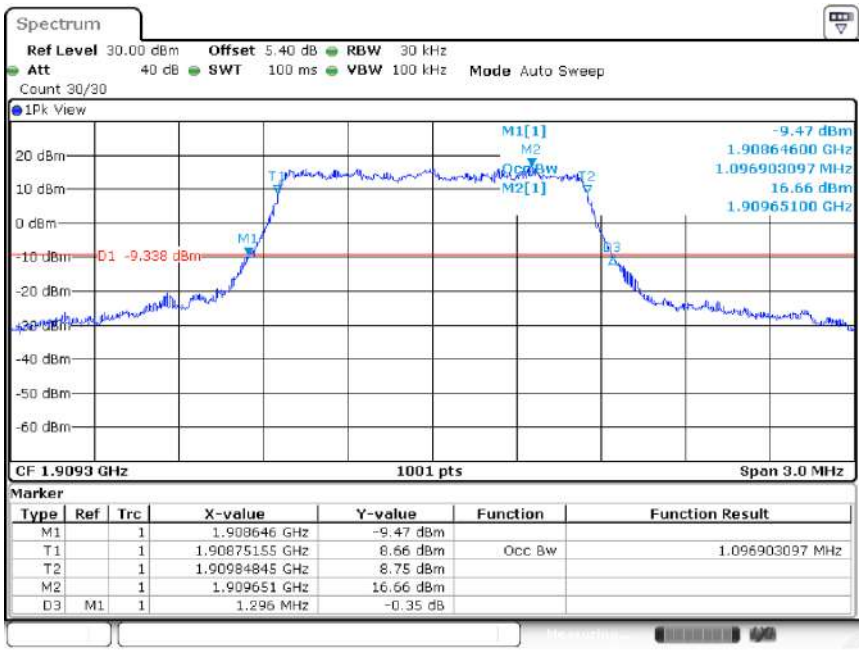
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 15.AUG.2020 01:25:09

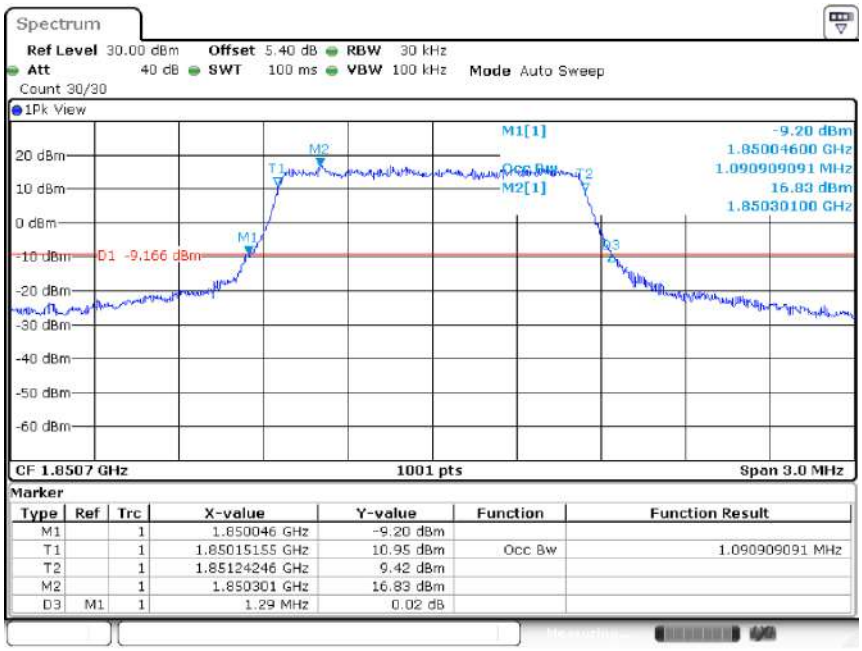
Band2-1.4MHz-64QAM-19193-6RB#0-1.097



Date: 15.AUG.2020 01:25:22

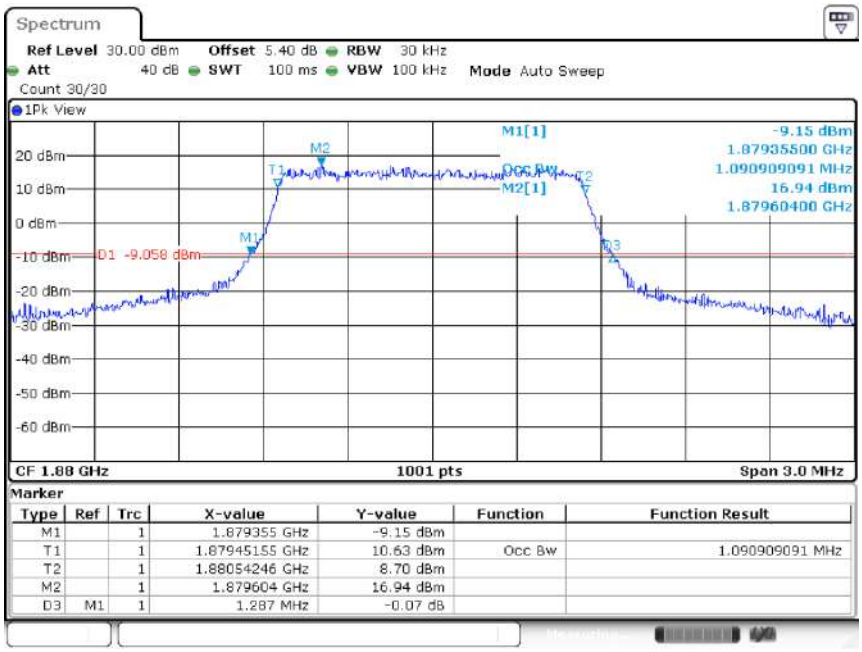
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 14.AUG.2020 22:06:21

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

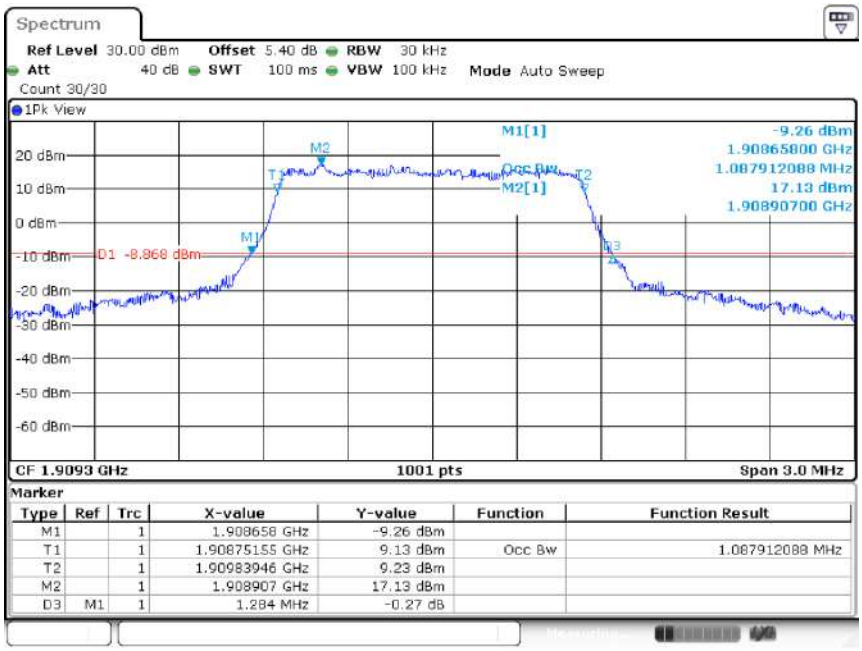


Date: 14.AUG.2020 22:06:46

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

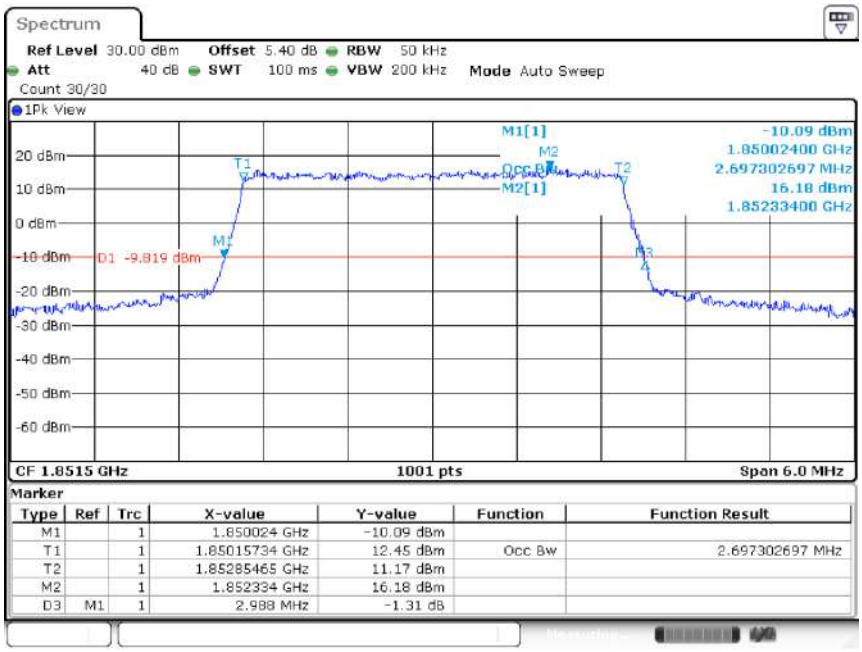
SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Technical Services Co., Ltd. EEC Laboratory
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053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

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



Date: 14 AUG 2020 22:07:12

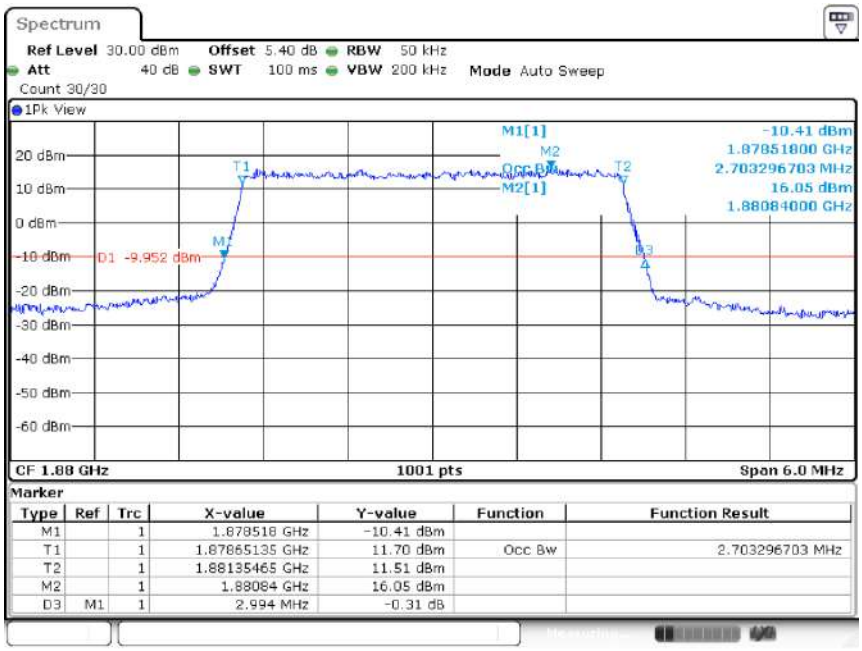
Band2-3MHz-QPSK-18615-15RB#0-2.697



Date: 14 AUG 2020 22:07:31

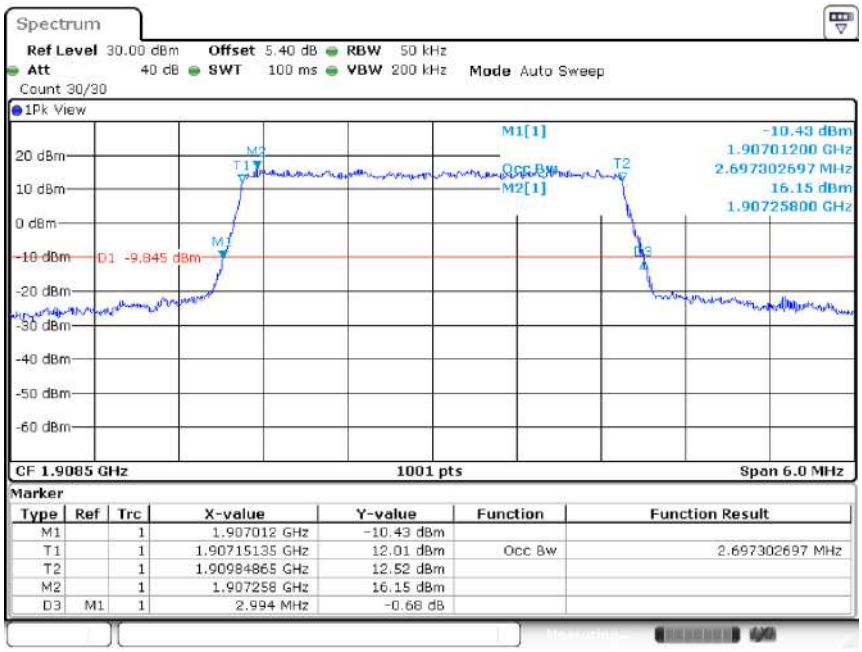
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band2-3MHz-QPSK-18900-15RB#0-2.703



Date: 14.AUG.2020 22:07:57

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

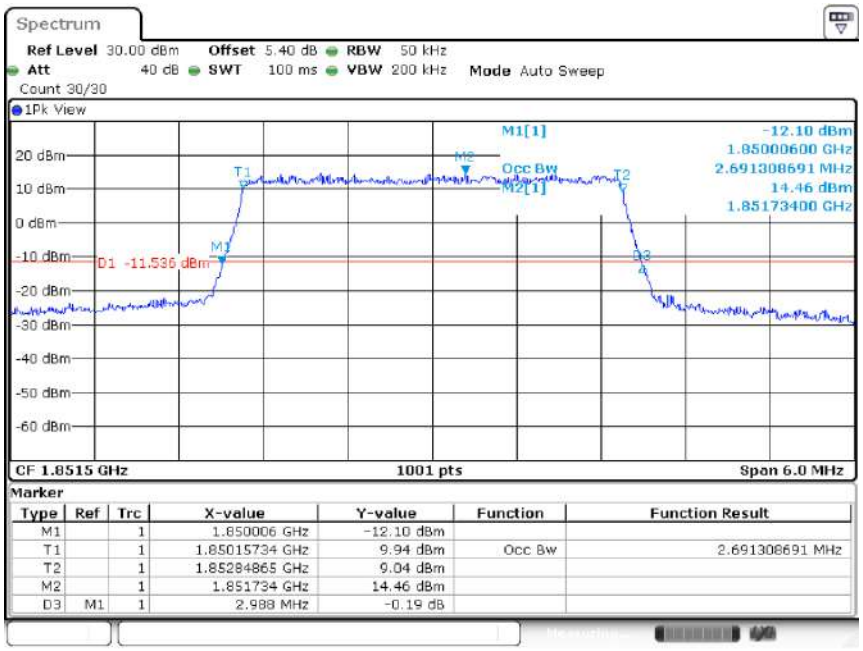


Date: 14.AUG.2020 22:08:22

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

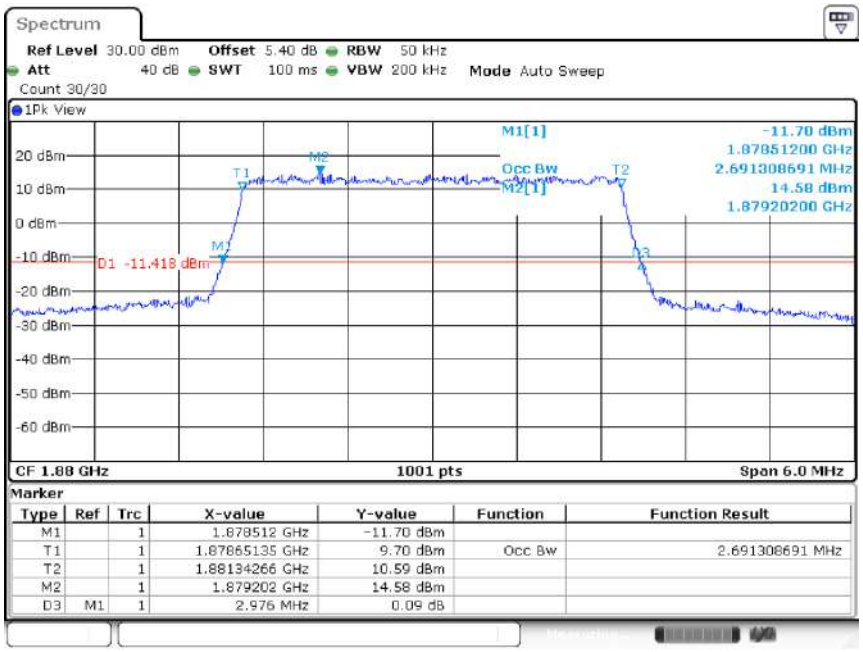
SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Technical Services Co., Ltd. EEC Laboratory
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053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

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



Date: 15.AUG.2020 01:25:42

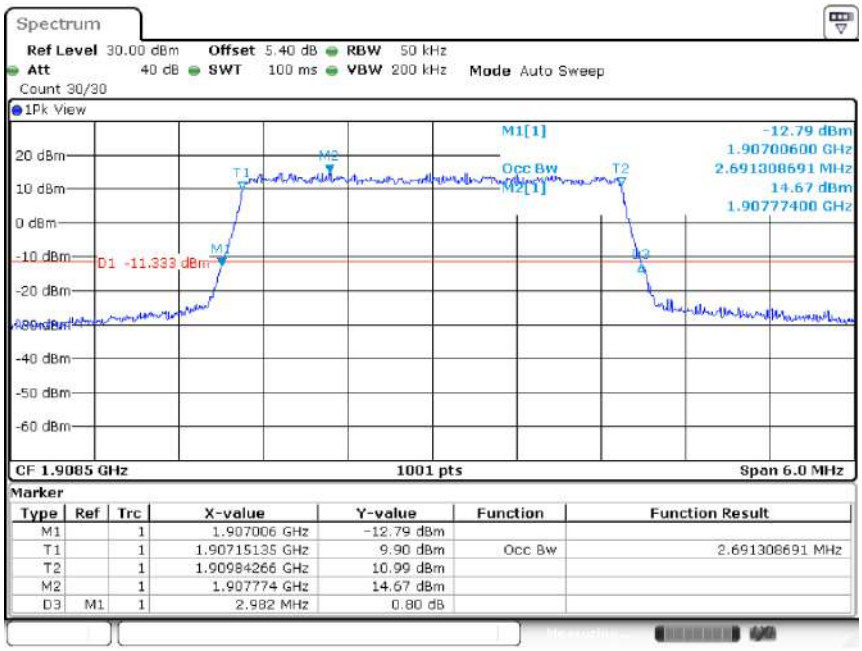
Band2-3MHz-64QAM-18900-15RB#0-2.691



Date: 15.AUG.2020 01:25:55

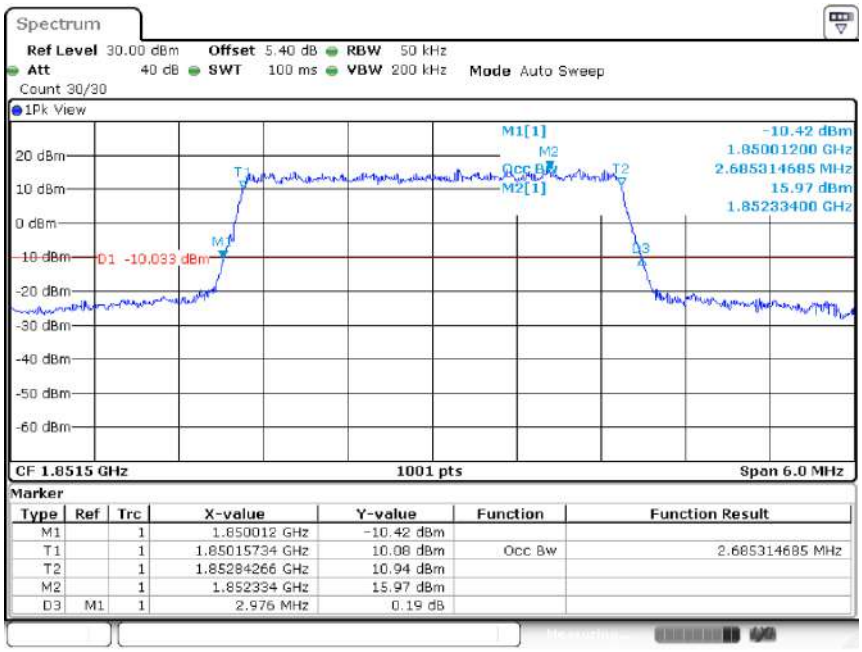
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 15.AUG.2020 01:26:08

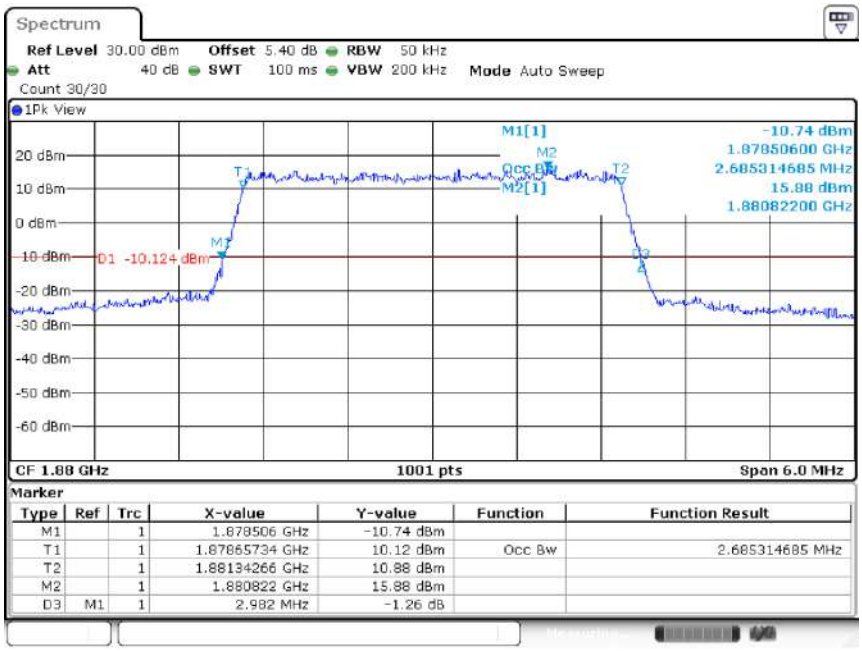
Band2-3MHz-16QAM-18615-15RB#0-2.685



Date: 14.AUG.2020 22:07:44

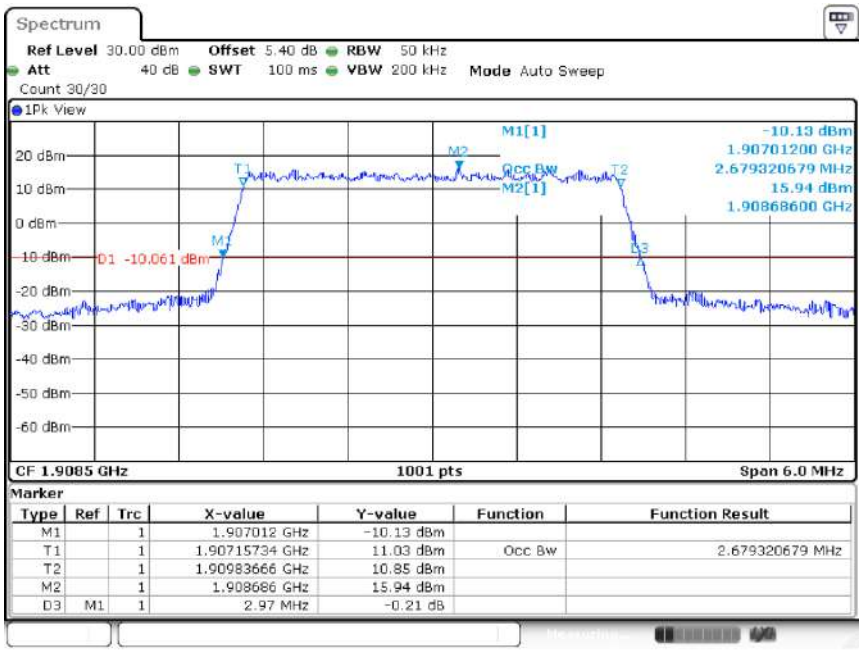
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 14 AUG 2020 22:08:09

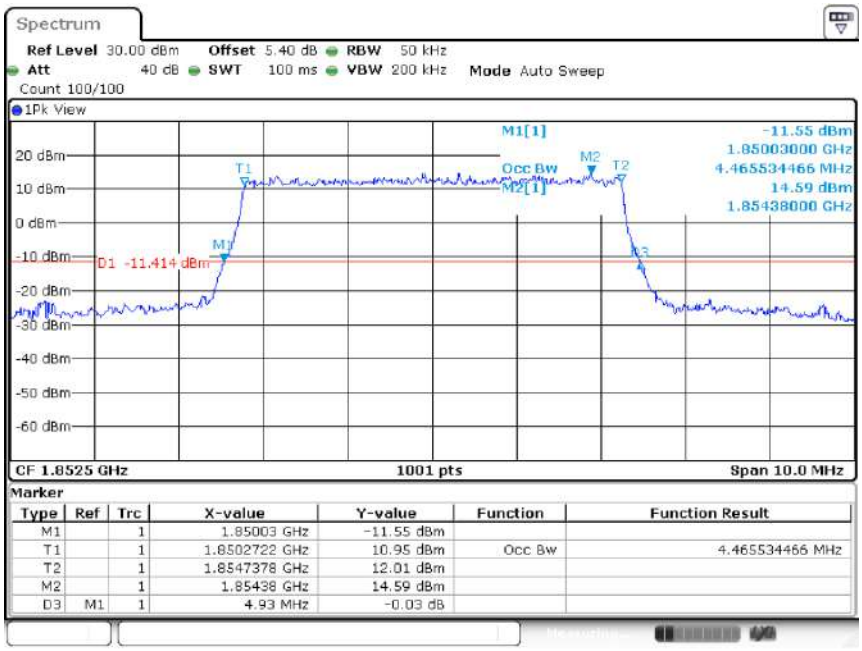
Band2-3MHz-16QAM-19185-15RB#0-2.679



Date: 14 AUG 2020 22:08:35

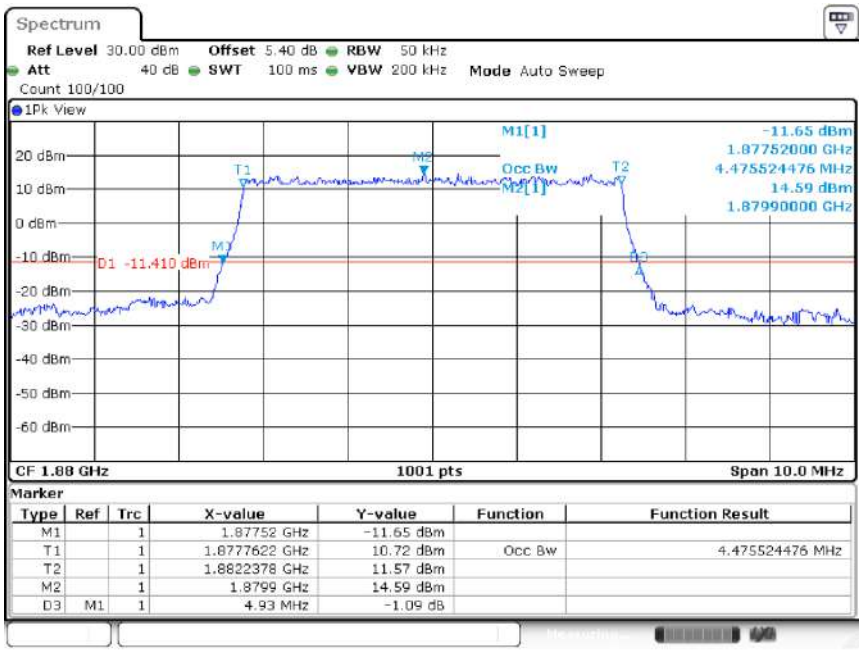
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 14.AUG.2020 22:09:01

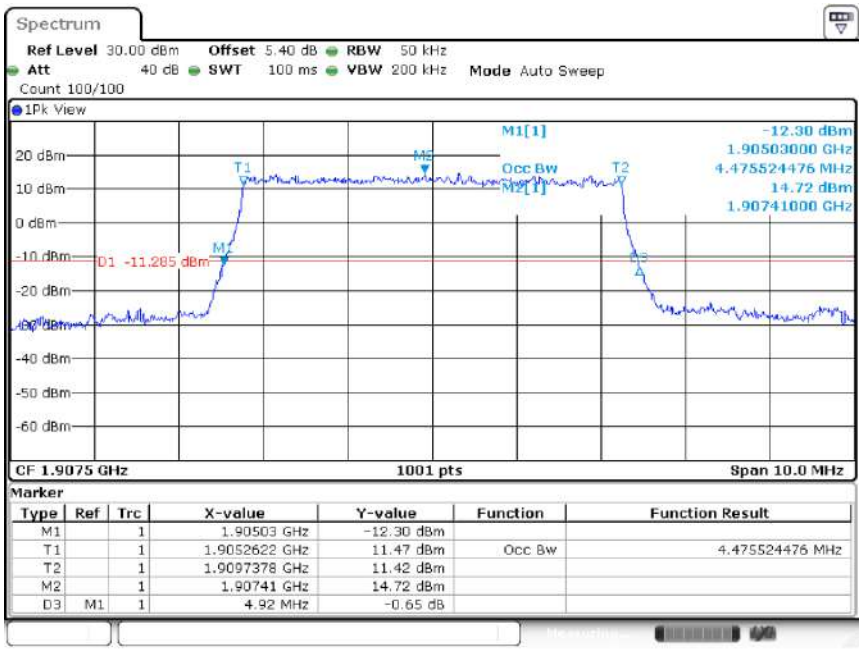
Band2-5MHz-QPSK-18900-25RB#0-4.476



Date: 14.AUG.2020 22:09:40

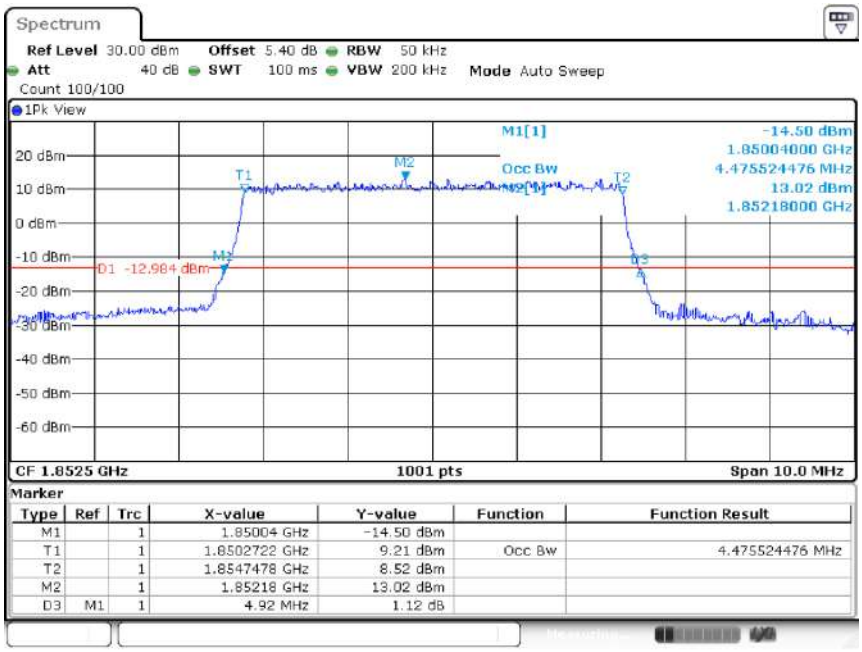
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 14 AUG 2020 22:10:20

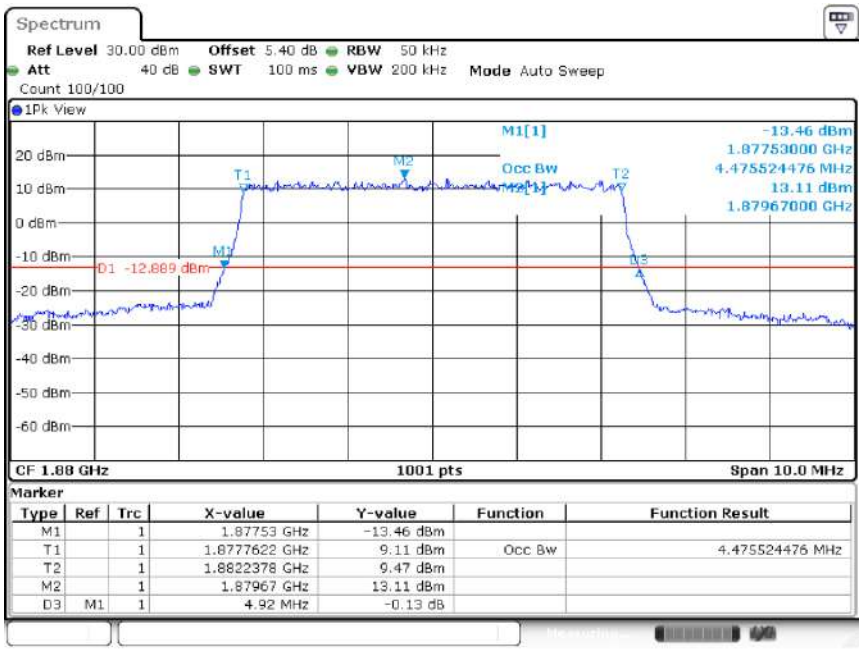
Band2-5MHz-64QAM-18625-25RB#0-4.476



Date: 15 AUG 2020 01:26:34

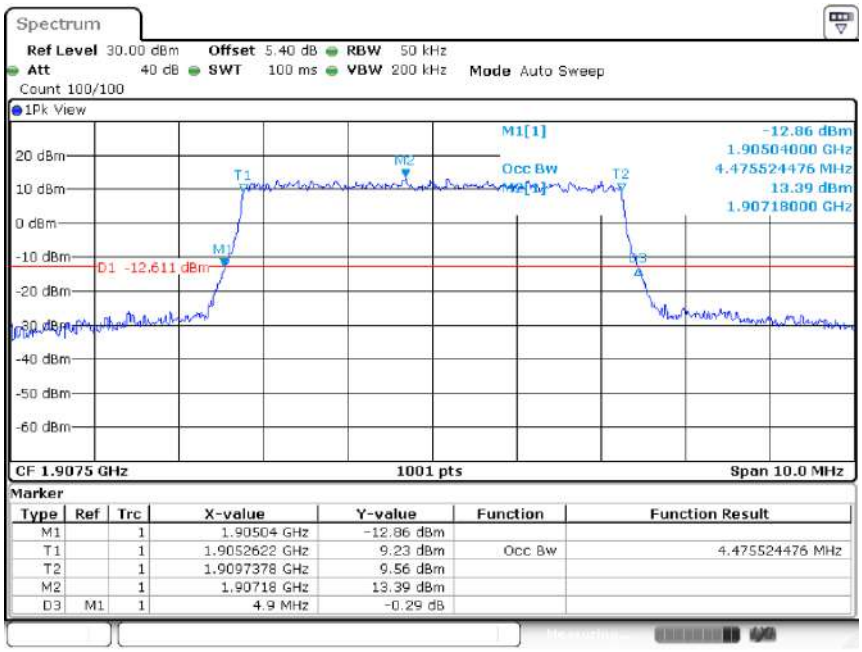
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band2-5MHz-64QAM-18900-25RB#0-4.476



Date: 15 AUG 2020 01:26:55

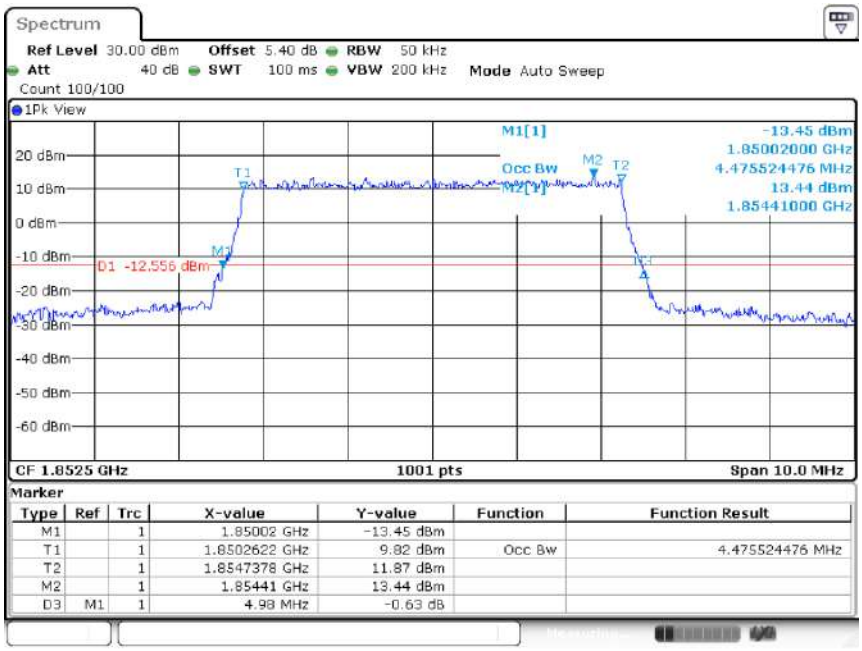
Band2-5MHz-64QAM-19175-25RB#0-4.476



Date: 15 AUG 2020 01:27:15

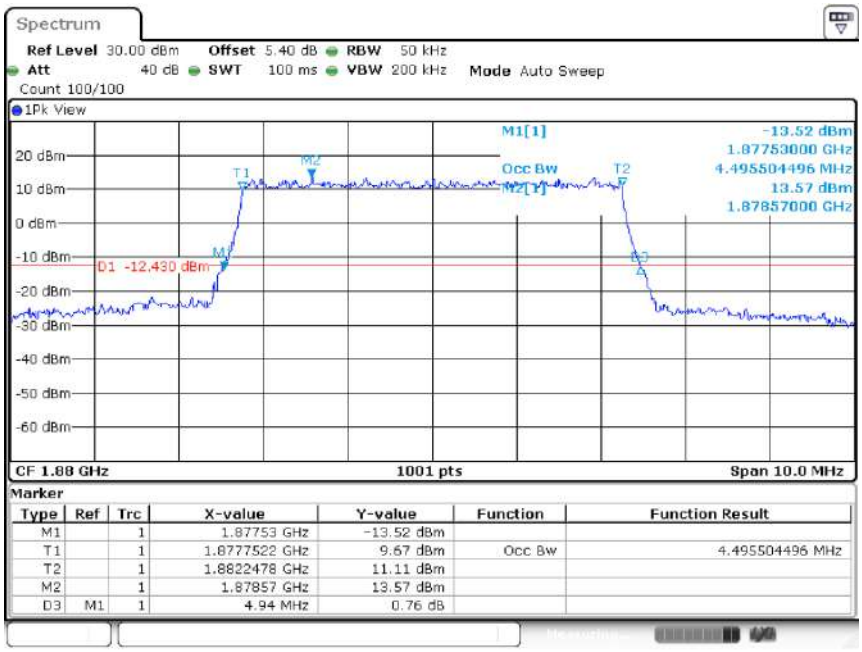
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band2-5MHz-16QAM-18625-25RB#0-4.476



Date: 14 AUG 2020 22:09:20

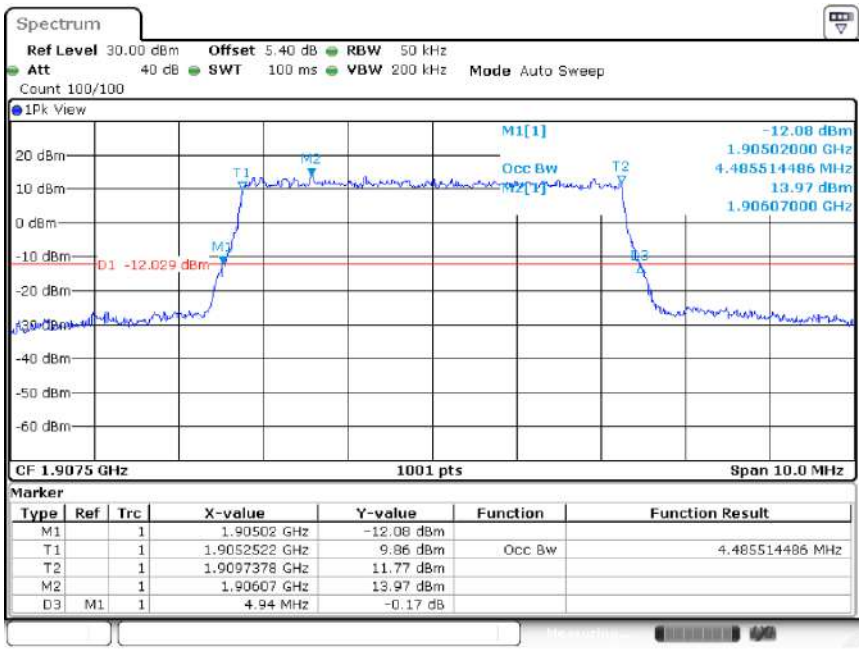
Band2-5MHz-16QAM-18900-25RB#0-4.496



Date: 14 AUG 2020 22:10:00

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
Member of the SGS Group (SGS SA)

Band2-5MHz-16QAM-19175-25RB#0-4.486

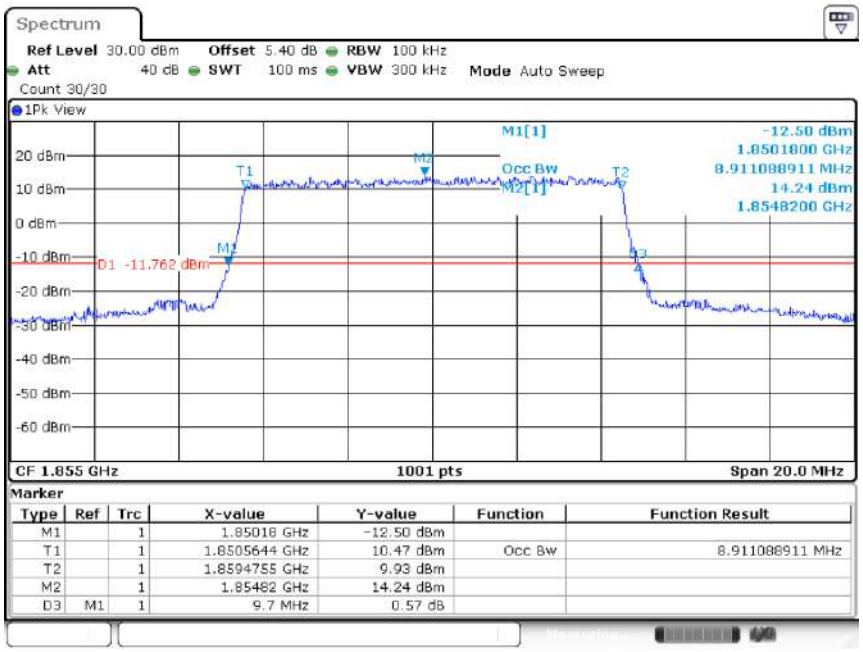


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.90502 GHz	-12.08 dBm		
T1		1	1.9052522 GHz	9.86 dBm	Occ Bw	4.485514486 MHz
T2		1	1.9097378 GHz	11.77 dBm		
M2		1	1.90607 GHz	13.97 dBm		
D3	M1	1	4.94 MHz	-0.17 dB		

Date: 14 AUG 2020 22:10:40

Band2-10MHz-QPSK-18650-50RB#0-8.911



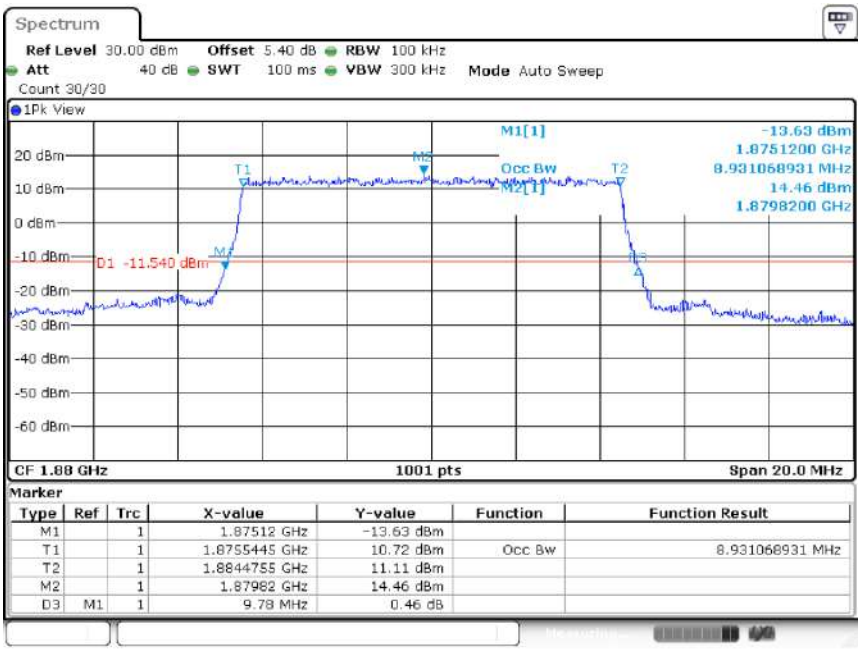
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85018 GHz	-12.50 dBm		
T1		1	1.8505644 GHz	10.47 dBm	Occ Bw	8.911088911 MHz
T2		1	1.8594755 GHz	9.93 dBm		
M2		1	1.85482 GHz	14.24 dBm		
D3	M1	1	9.7 MHz	0.57 dB		

Date: 14 AUG 2020 22:10:58

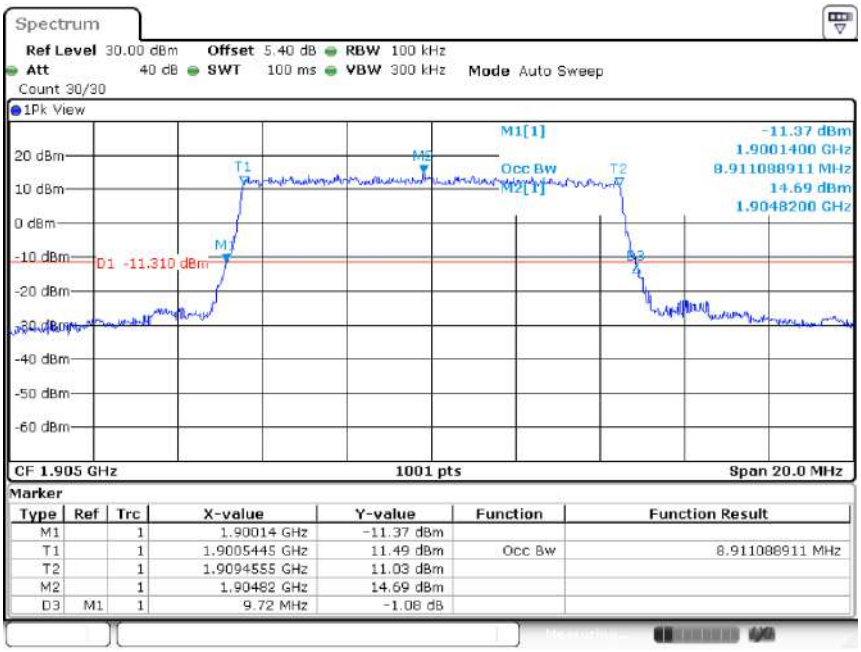
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band2-10MHz-QPSK-18900-50RB#0-8.931



Date: 14 AUG 2020 22:11:24

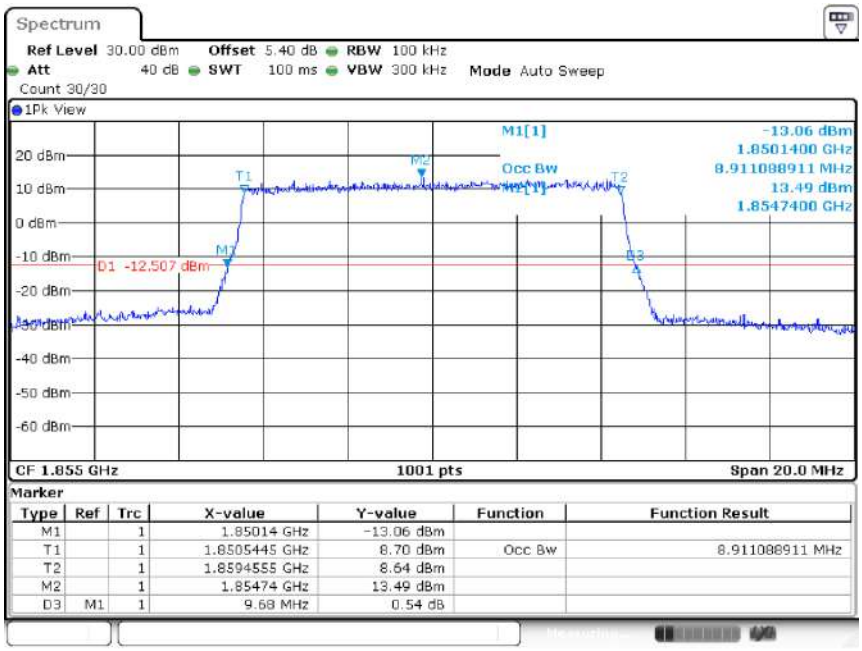
Band2-10MHz-QPSK-19150-50RB#0-8.911



Date: 14 AUG 2020 22:11:50

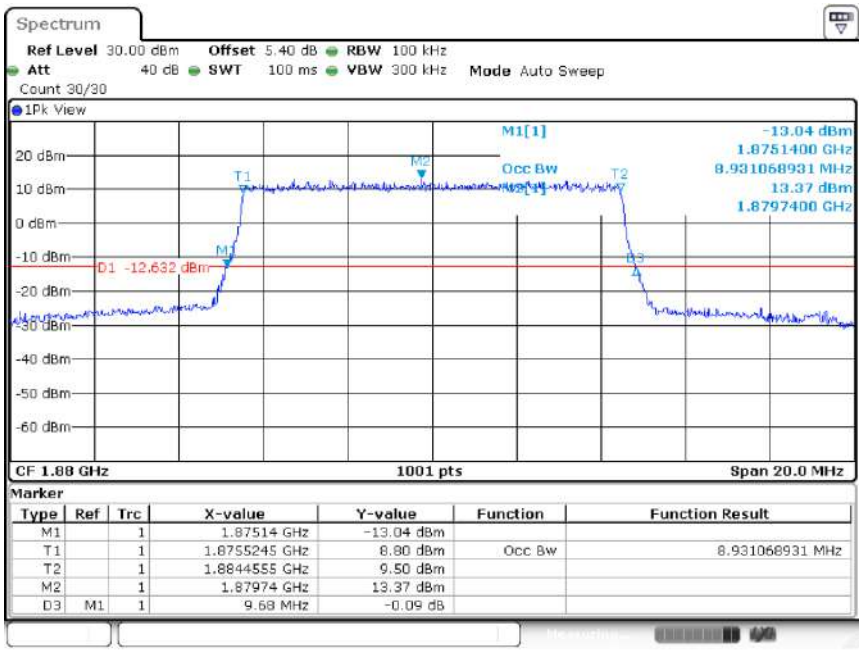
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band2-10MHz-64QAM-18650-50RB#0-8.911



Date: 15 AUG 2020 01:27:34

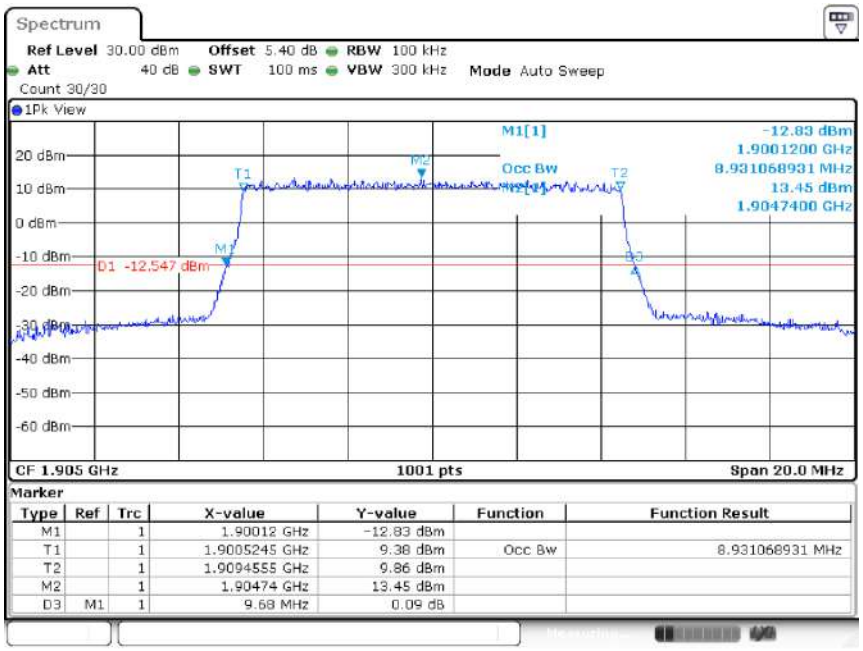
Band2-10MHz-64QAM-18900-50RB#0-8.931



Date: 15 AUG 2020 01:27:48

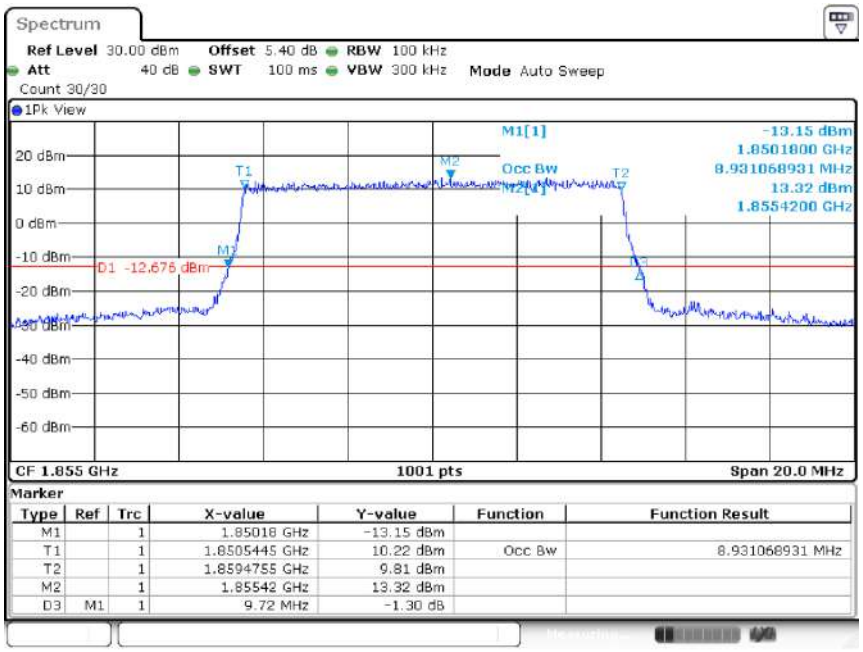
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band2-10MHz-64QAM-19150-50RB#0-8.931



Date: 15 AUG 2020 01:28:01

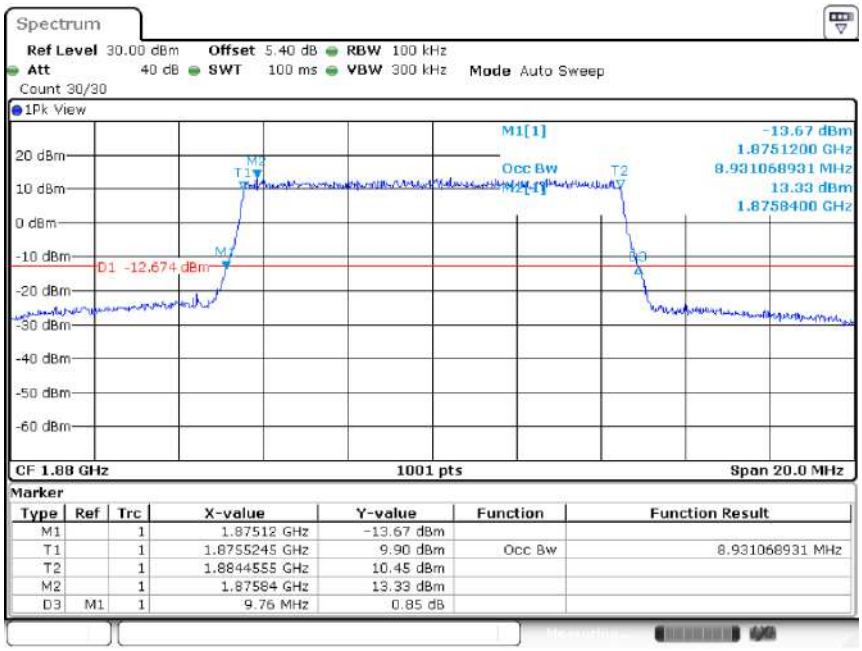
Band2-10MHz-16QAM-18650-50RB#0-8.931



Date: 14 AUG 2020 22:11:11

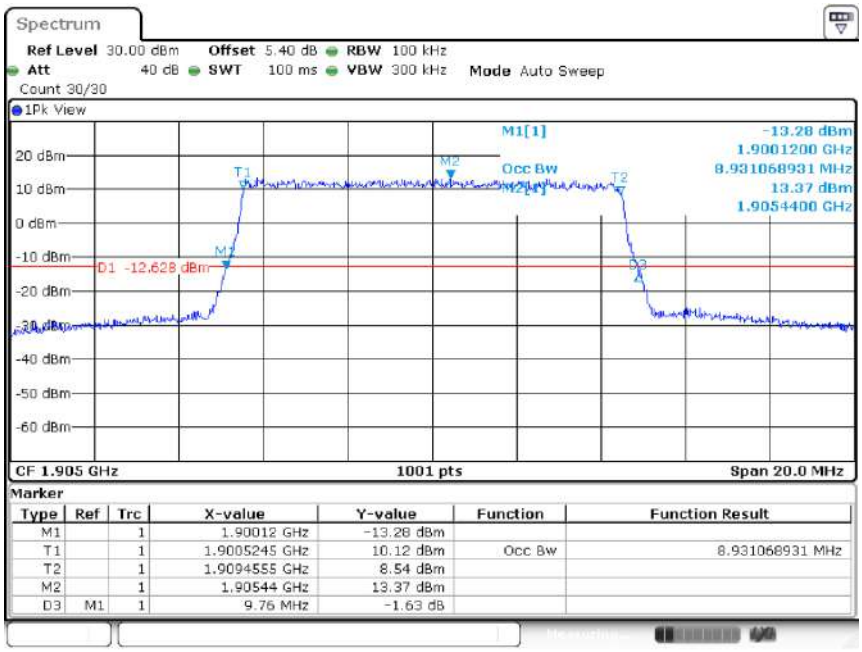
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band2-10MHz-16QAM-18900-50RB#0-8.931



Date: 14.AUG.2020 22:11:37

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

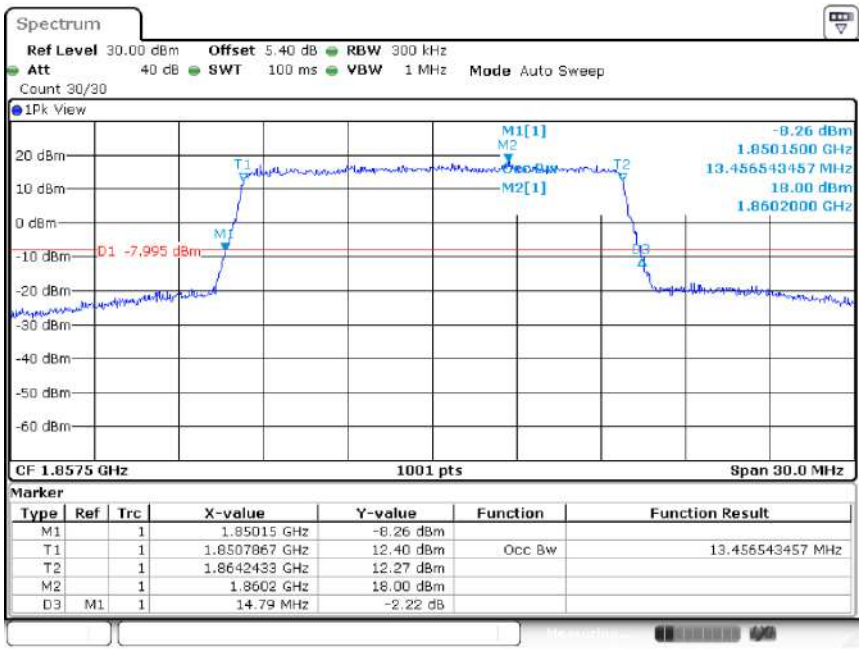


Date: 14.AUG.2020 22:12:02

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

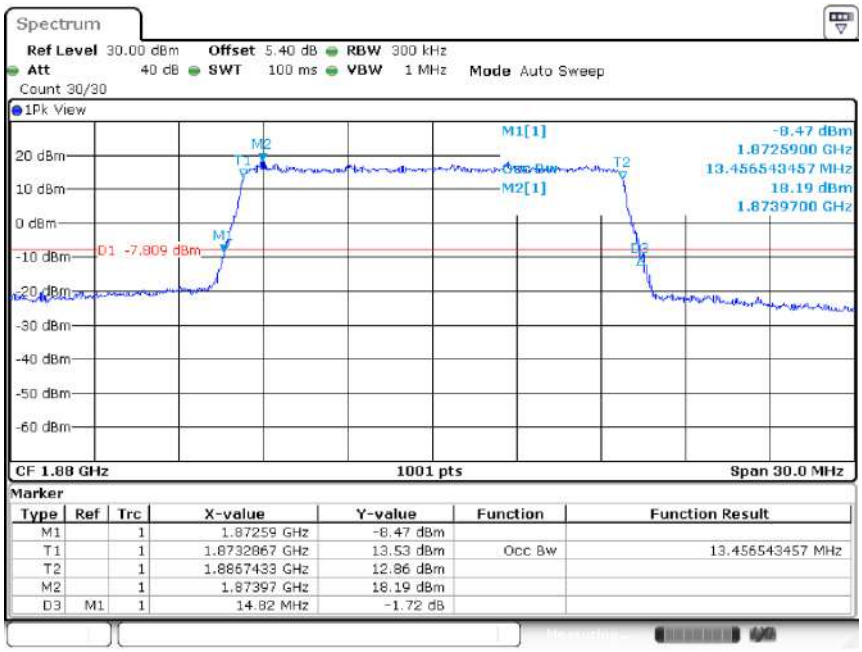
SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Technical Services Co., Ltd. EEC Laboratory
检验检测专用章 Inspection & Testing Services
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技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

Band2-15MHz-QPSK-18675-75RB#0-13.457



Date: 14 AUG 2020 22:12:21

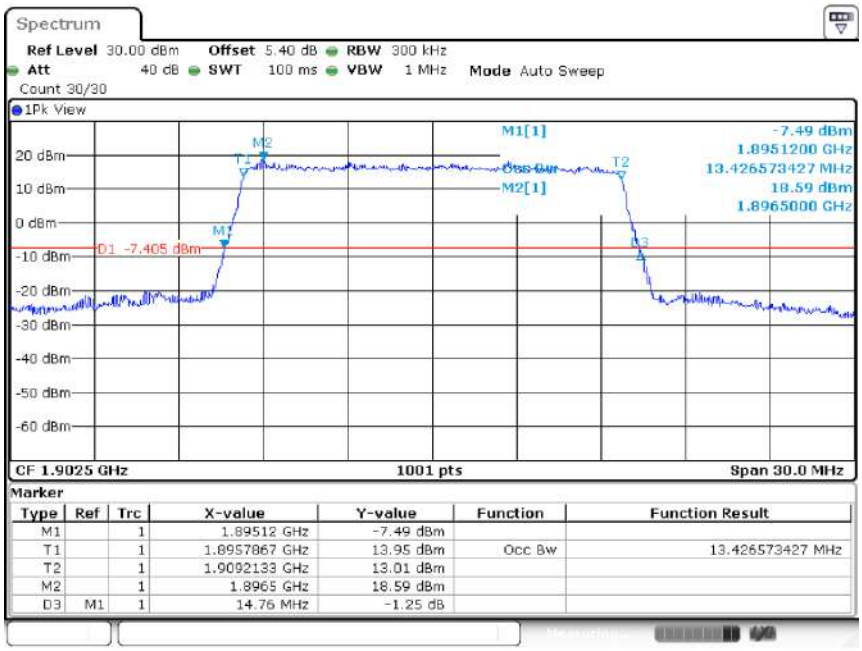
Band2-15MHz-QPSK-18900-75RB#0-13.457



Date: 14 AUG 2020 22:12:47

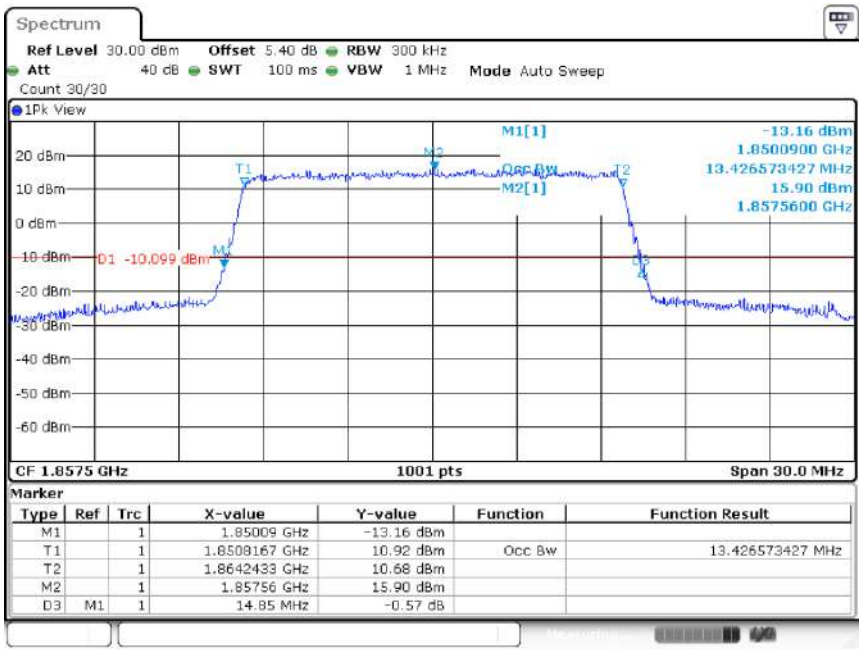
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 14 AUG 2020 22:13:12

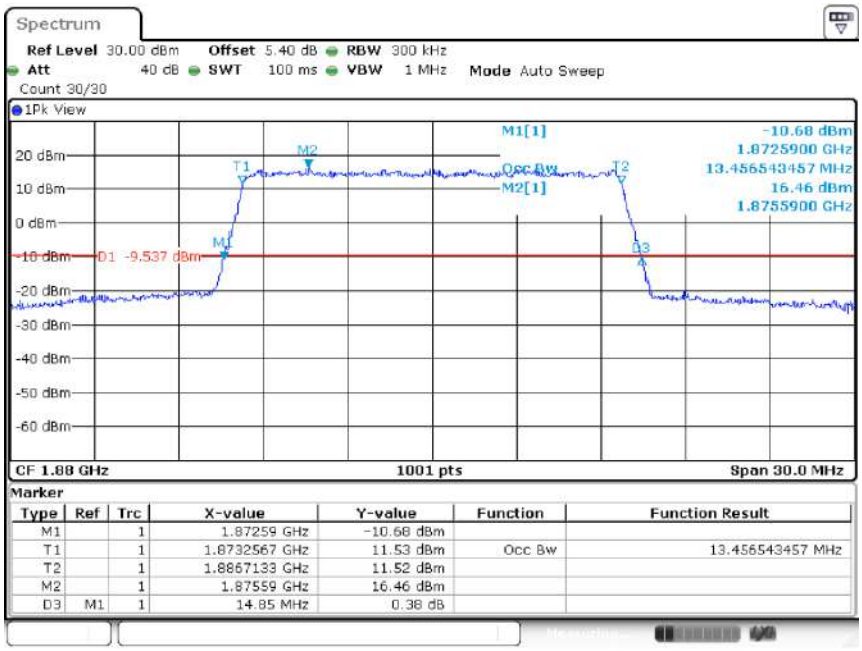
Band2-15MHz-64QAM-18675-75RB#0-13.427



Date: 15 AUG 2020 01:28:21

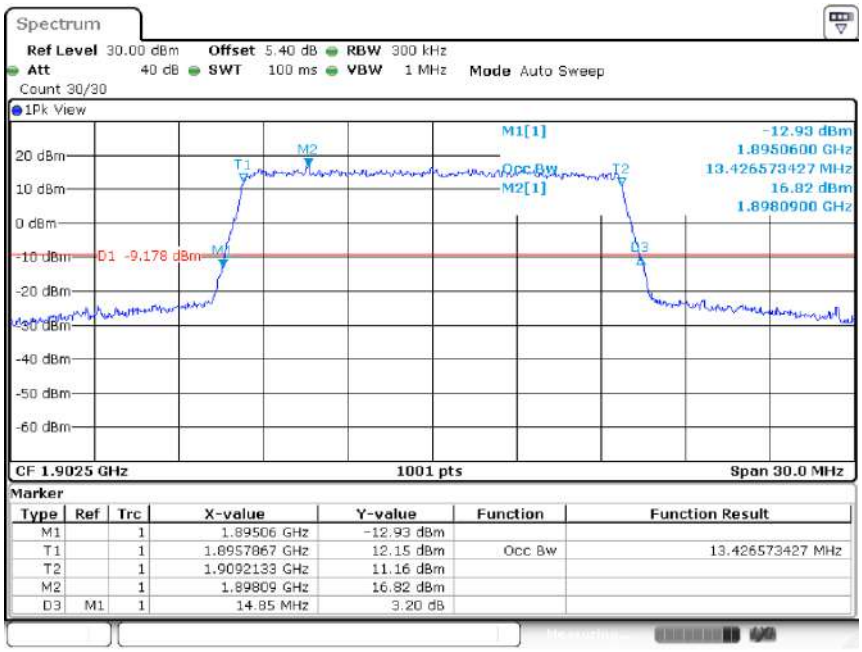
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 15.AUG.2020 01:28:34

Band2-15MHz-64QAM-19125-75RB#0-13.427

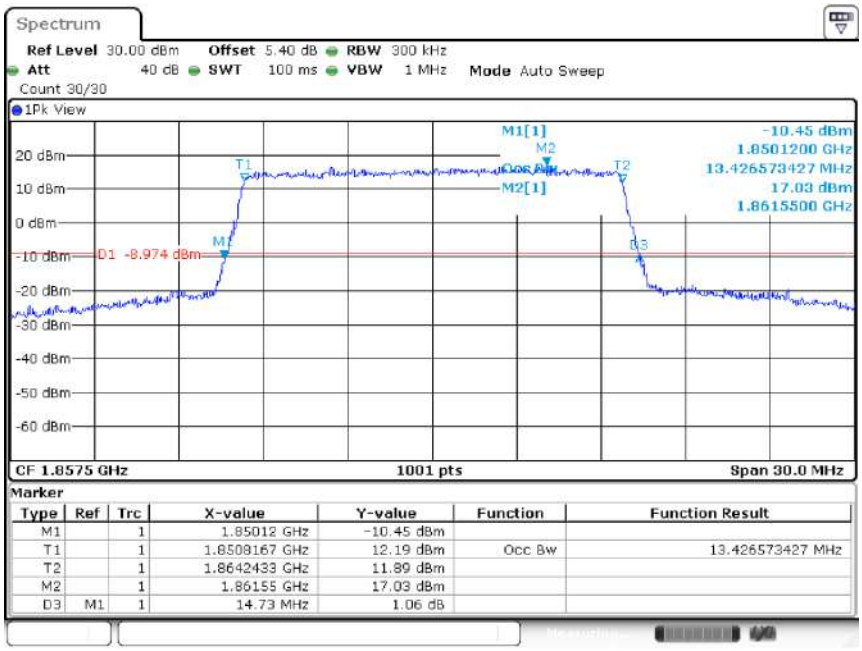


Date: 15.AUG.2020 01:28:47

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

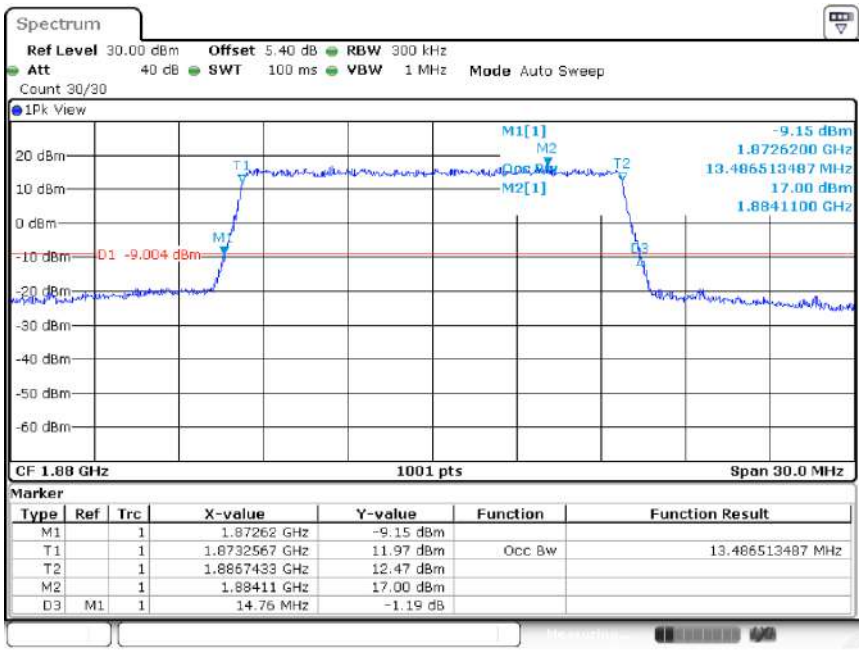
SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Technical Services Co., Ltd. EEC Laboratory
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053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

Band2-15MHz-16QAM-18675-75RB#0-13.427



Date: 14.AUG.2020 22:12:33

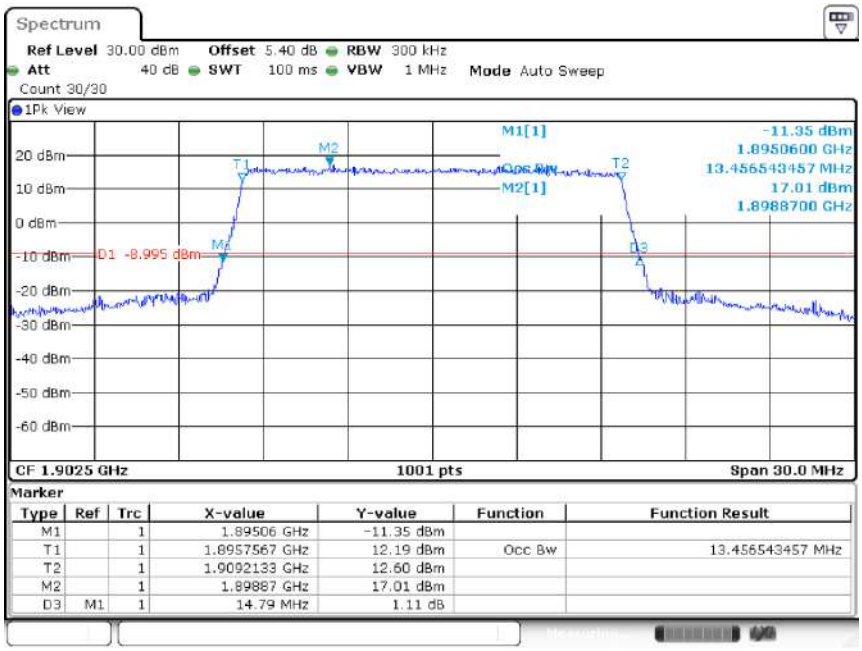
Band2-15MHz-16QAM-18900-75RB#0-13.487



Date: 14.AUG.2020 22:12:59

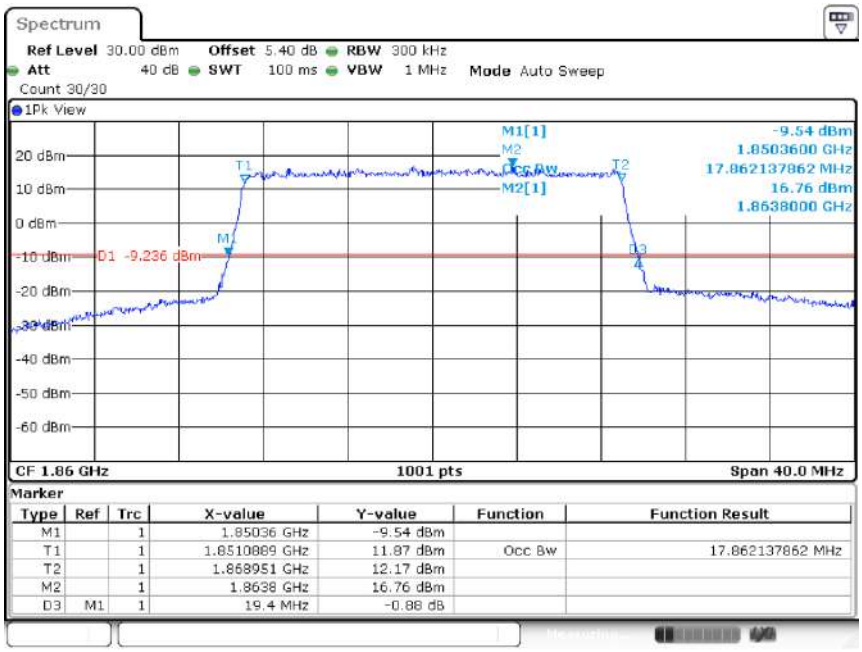
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band2-15MHz-16QAM-19125-75RB#0-13.457



Date: 14 AUG 2020 22:13:25

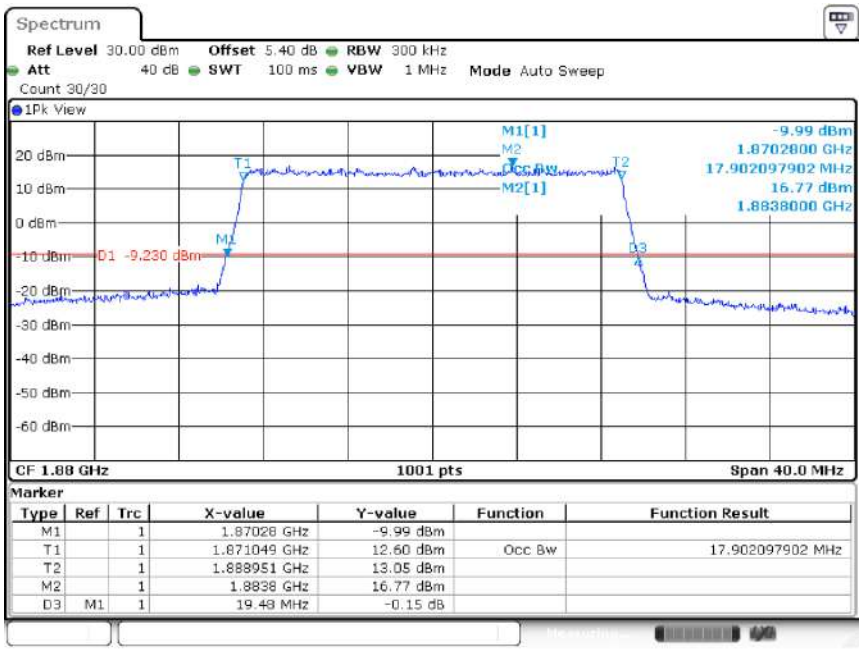
Band2-20MHz-QPSK-18700-100RB#0-17.862



Date: 14 AUG 2020 22:13:44

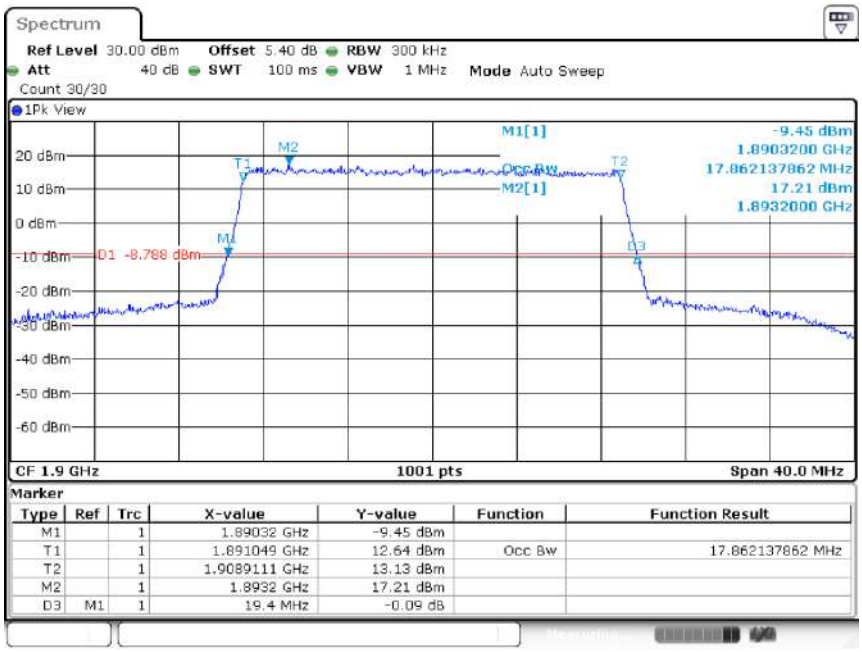
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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-QPSK-18900-100RB#0-17.902



Date: 14 AUG 2020 22:14:09

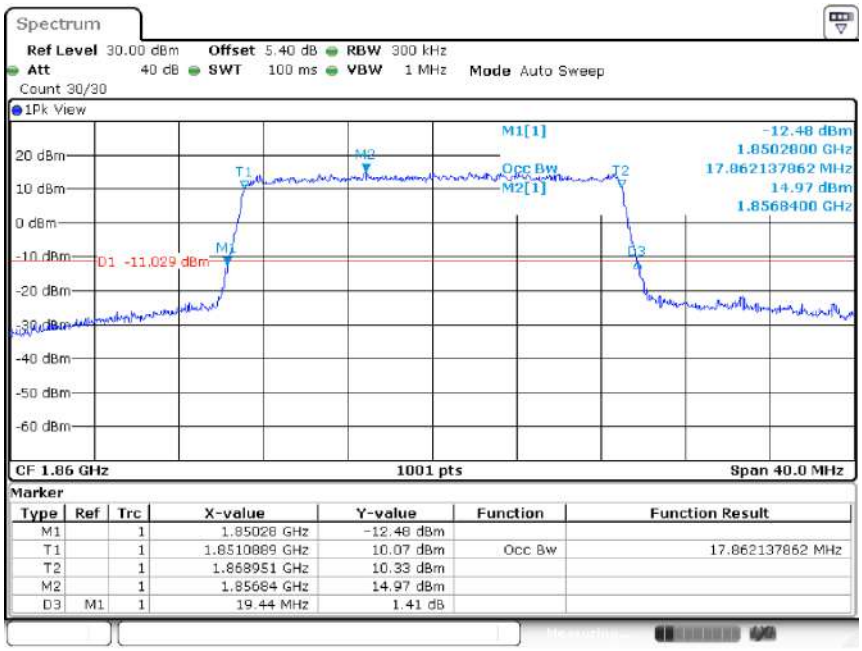
Band2-20MHz-QPSK-19100-100RB#0-17.862



Date: 14 AUG 2020 22:14:35

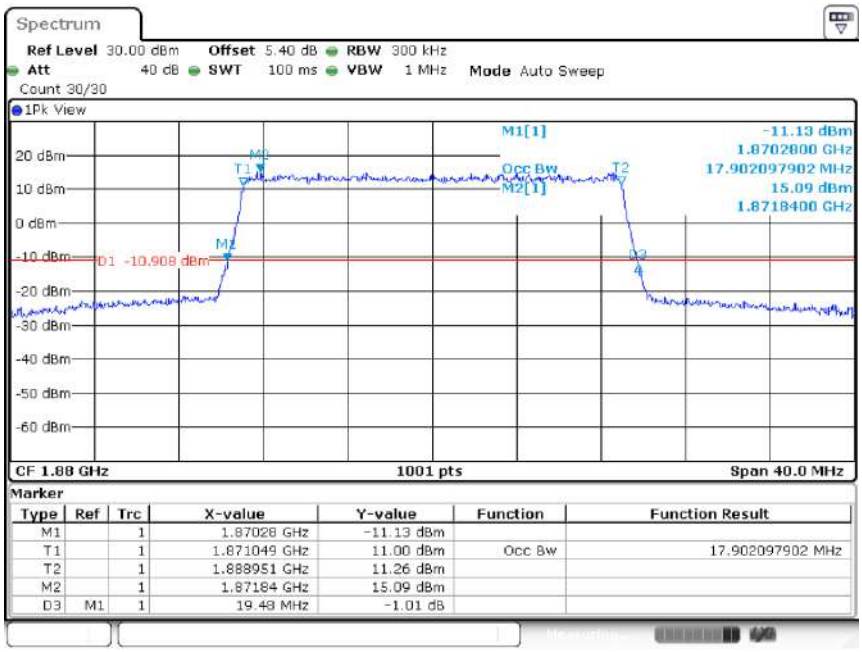
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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-64QAM-18700-100RB#0-17.862



Date: 15.AUG.2020 01:29:07

Band2-20MHz-64QAM-18900-100RB#0-17.902

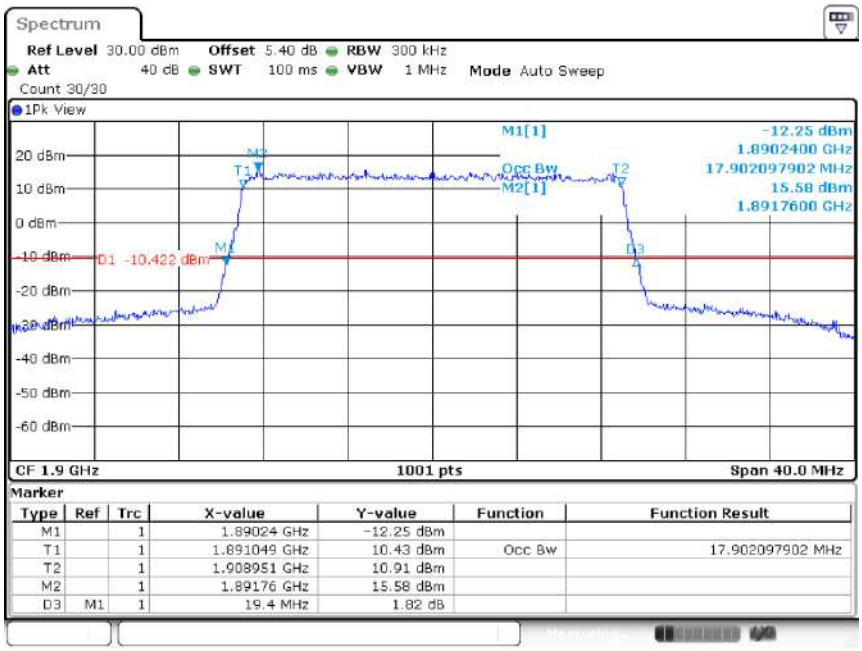


Date: 15.AUG.2020 01:29:20

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

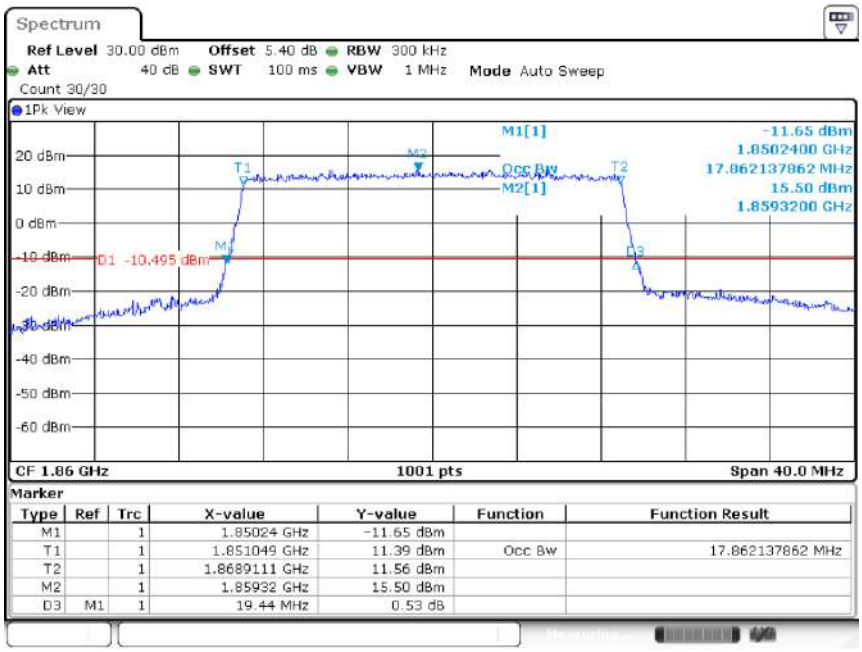
SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Technical Services Co., Ltd. SEC Laboratory
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053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

Band2-20MHz-64QAM-19100-100RB#0-17.902



Date: 15.AUG.2020 01:29:33

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

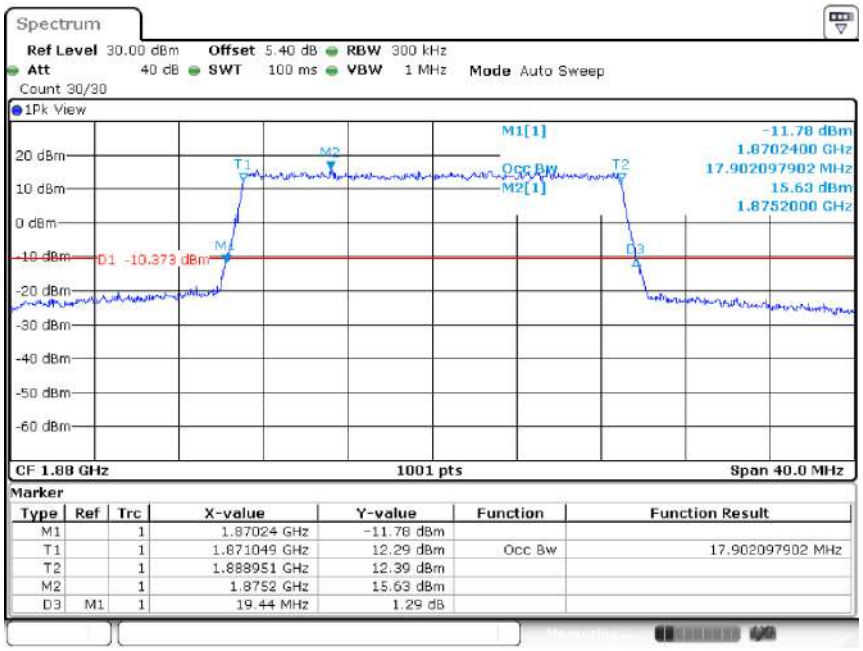


Date: 14.AUG.2020 22:13:56

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-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

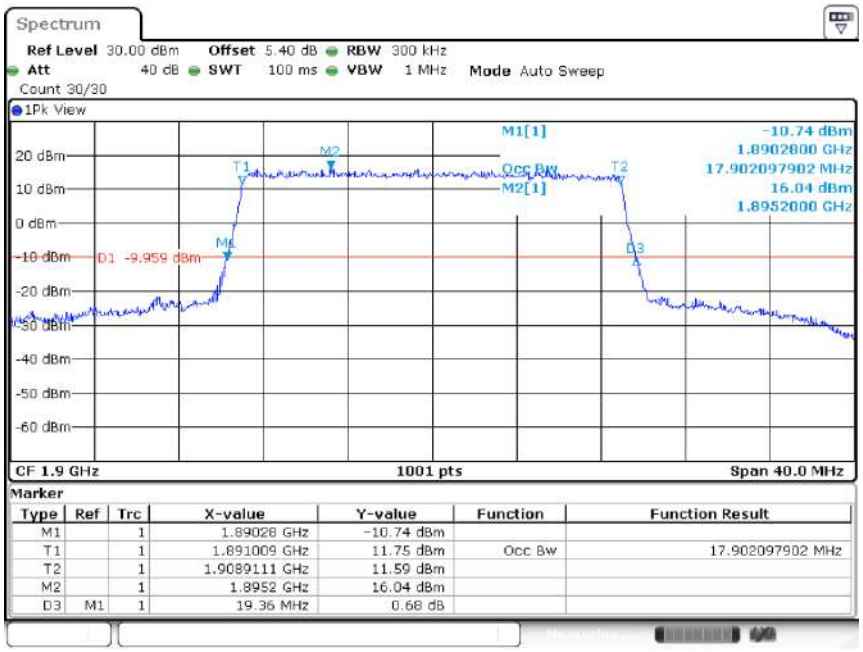
SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Technical Services Co., Ltd. SEC Laboratory
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053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

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



Date: 14.AUG.2020 22:14:22

Band2-20MHz-16QAM-19100-100RB#0-17.902



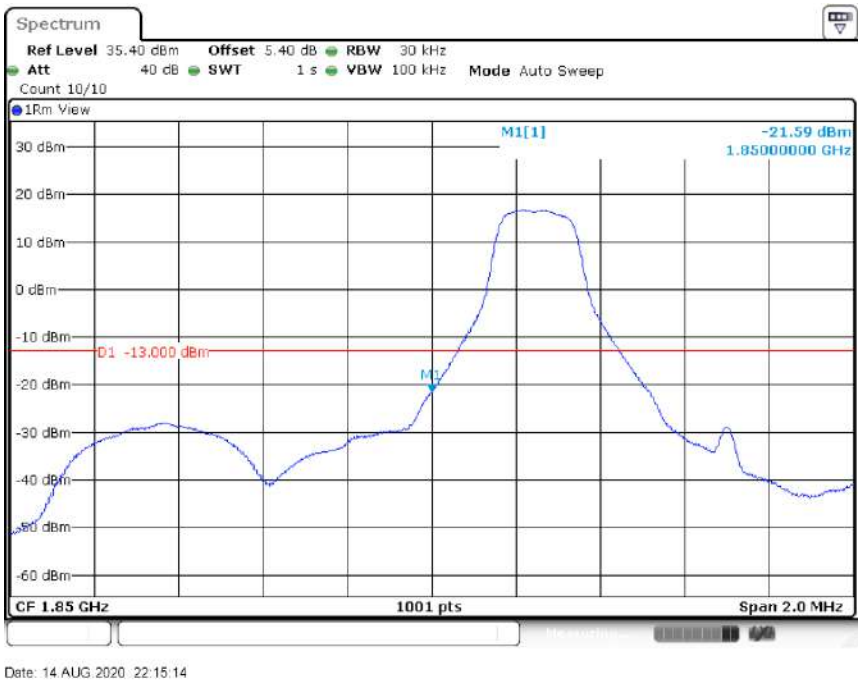
Date: 14.AUG.2020 22:14:48

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-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

5. Band Edge Compliance

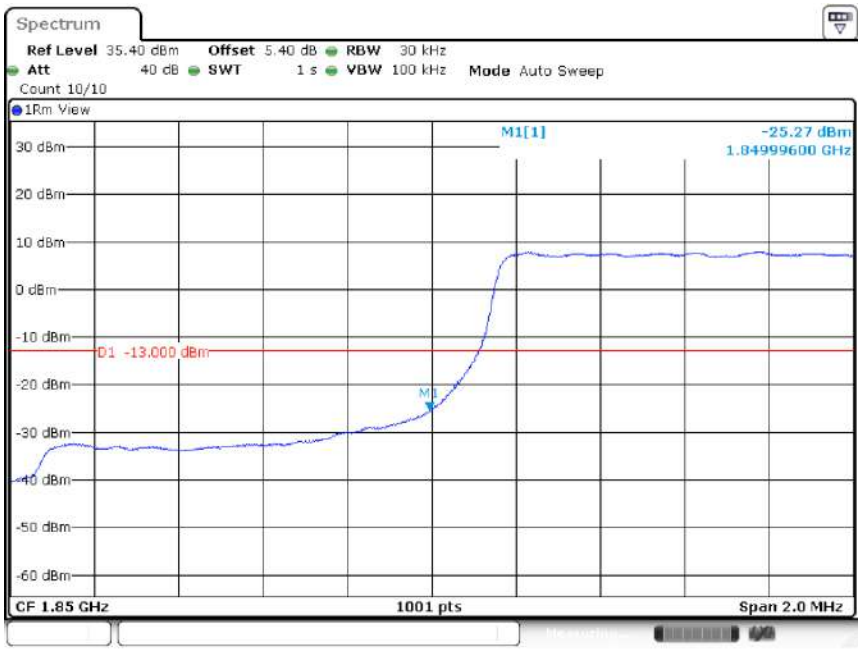
5.1. Test Plots

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



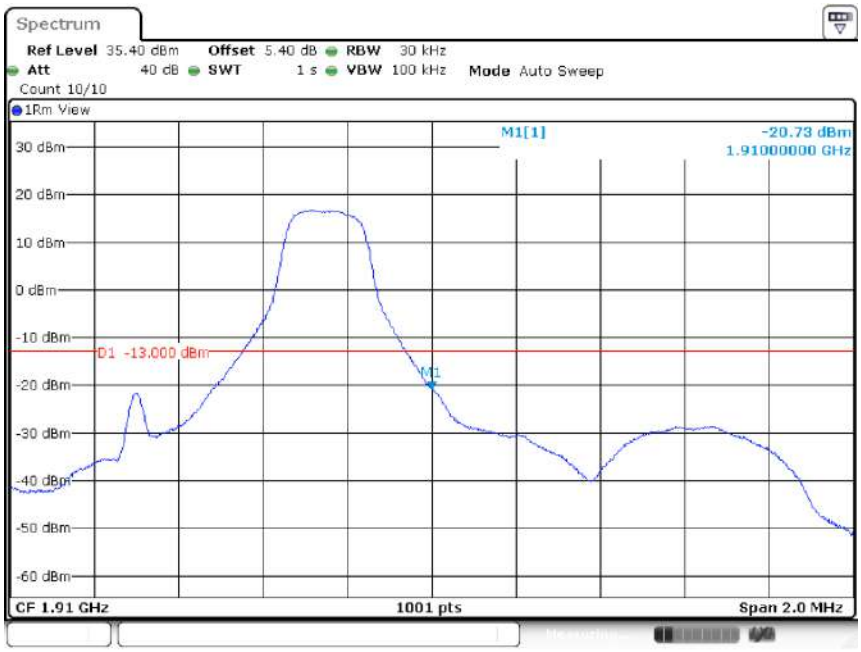
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 14 AUG 2020 22:18:09

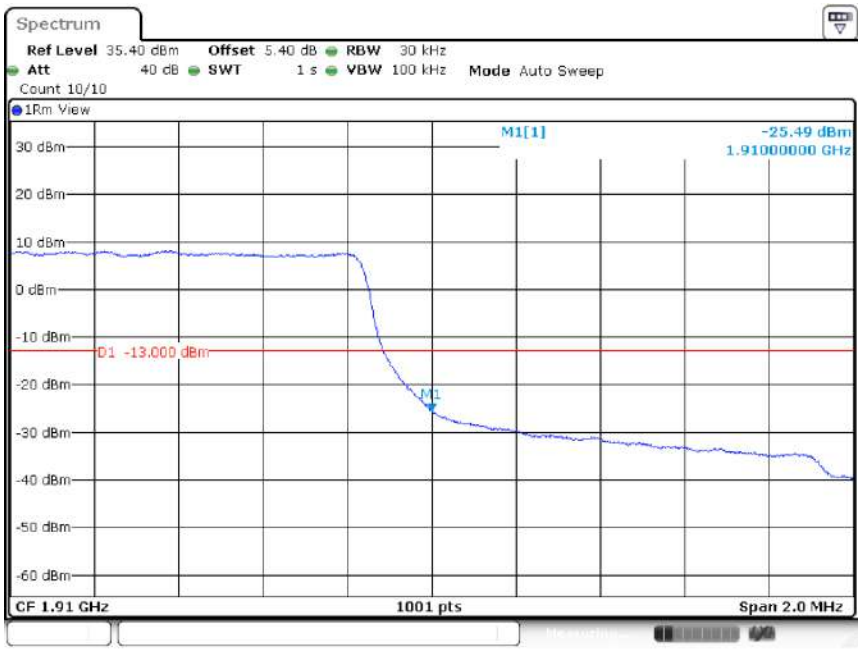
Band2-1.4MHz-QPSK-19193-1RB#5



Date: 14 AUG 2020 22:16:42

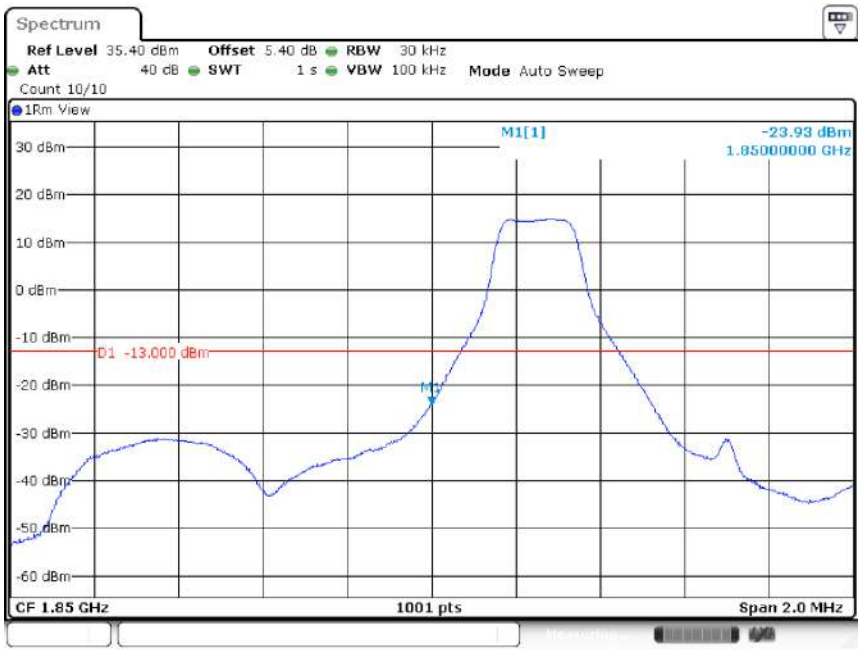
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 14 AUG 2020 22:18:50

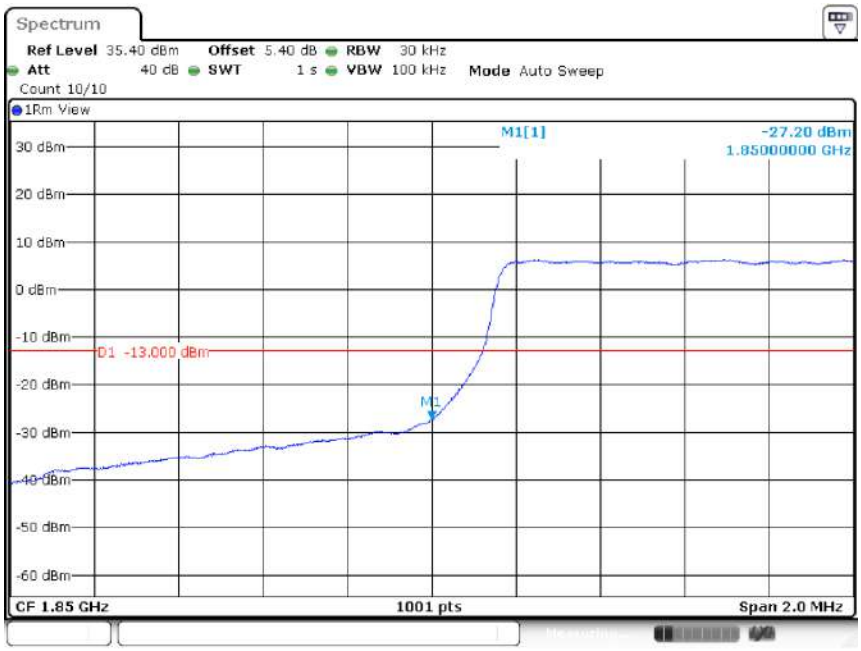
Band2-1.4MHz-64QAM-18607-1RB#0



Date: 15 AUG 2020 01:30:01

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

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



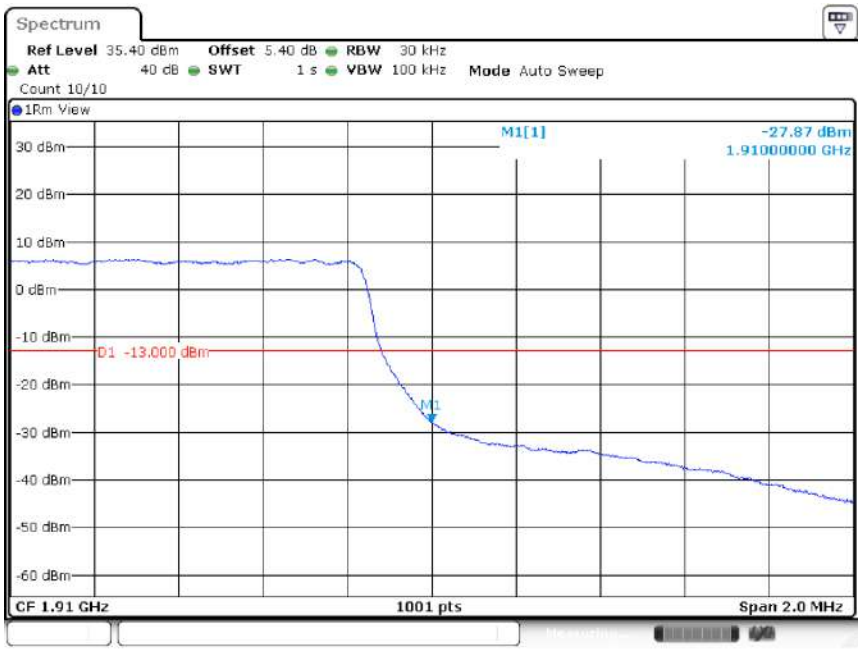
Date: 15 AUG 2020 01:31:35

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

Date: 15 AUG 2020 01:30:48

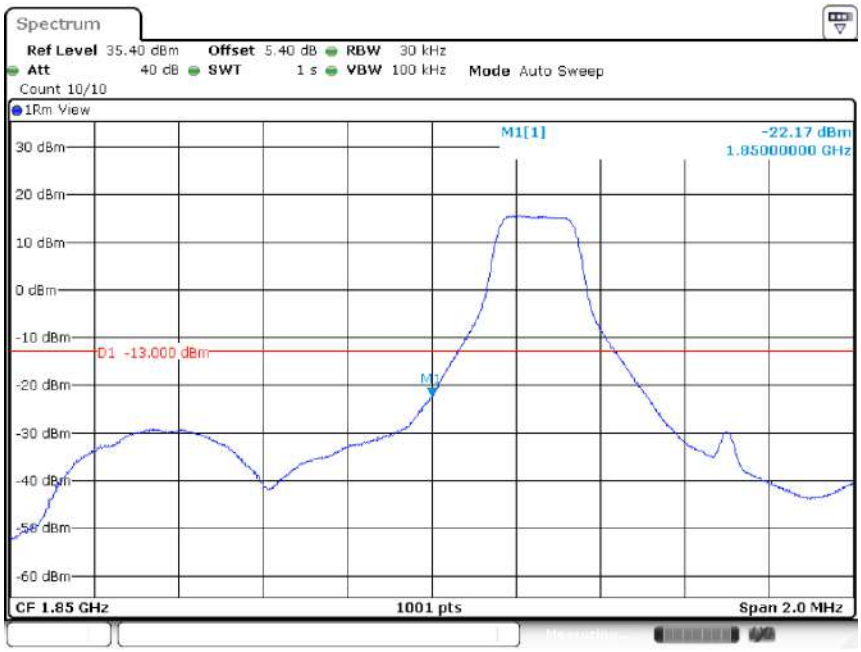
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 15 AUG 2020 01:31:56

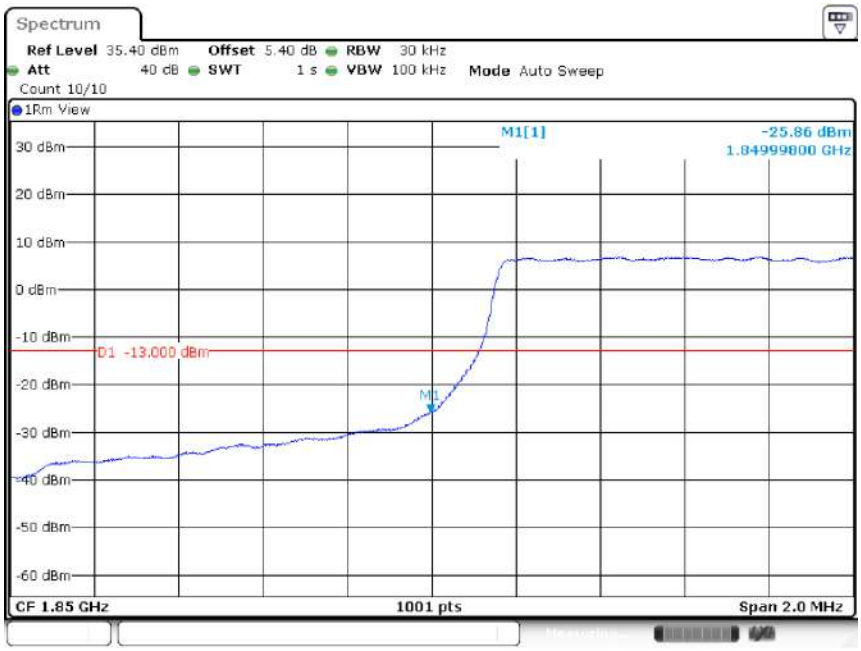
Band2-1.4MHz-16QAM-18607-1RB#0



Date: 14 AUG 2020 22:15:35

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.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-18607-6RB#0



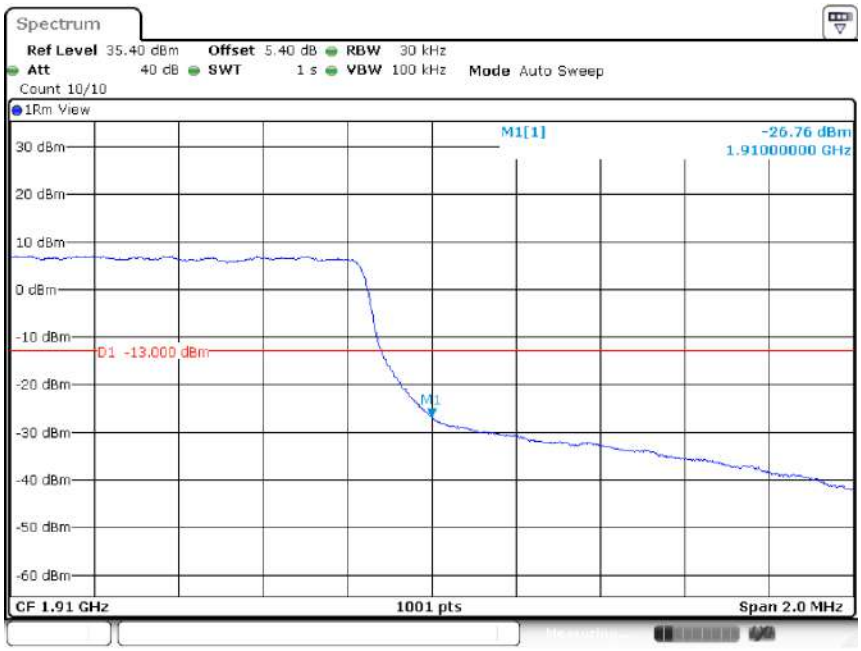
Date: 14 AUG 2020 22:18:30

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

Date: 14 AUG 2020 22:17:03

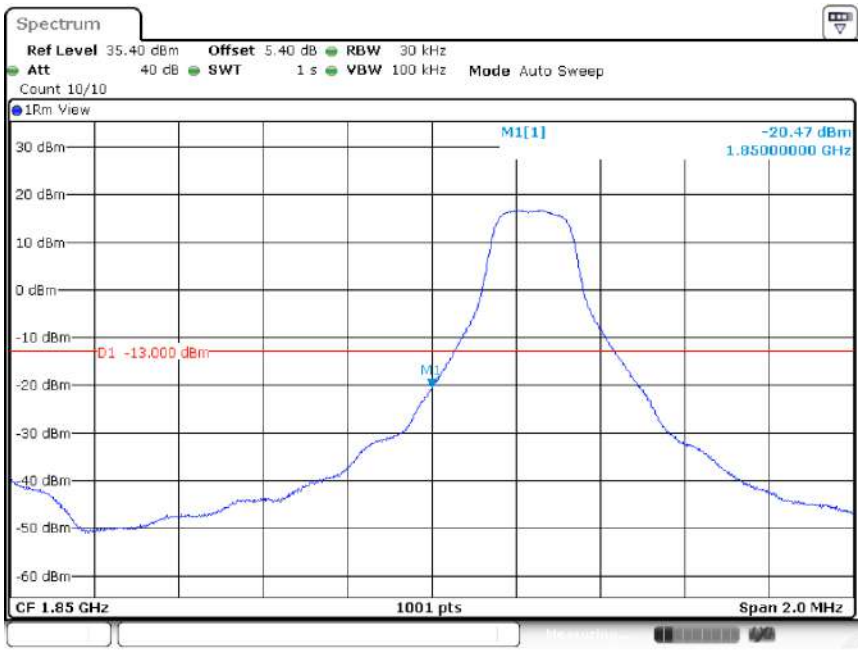
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 14 AUG 2020 22:19:11

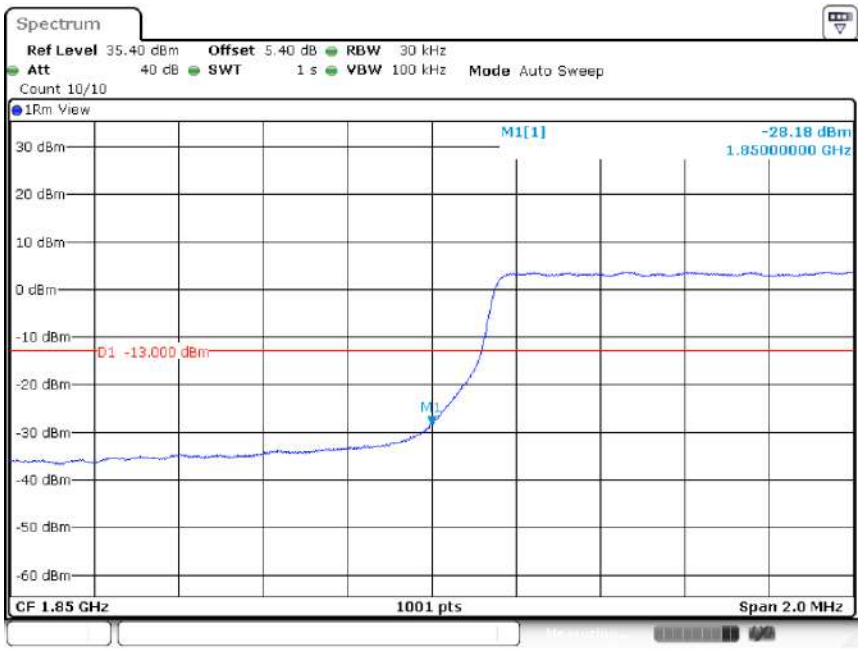
Band2-3MHz-QPSK-18615-1RB#0



Date: 14 AUG 2020 22:19:38

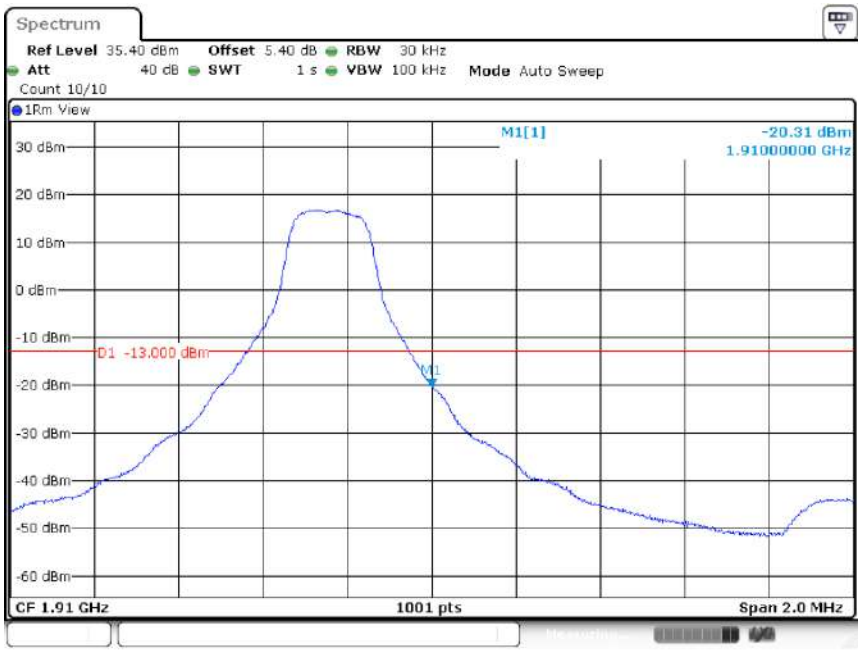
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 14 AUG 2020 22:22:32

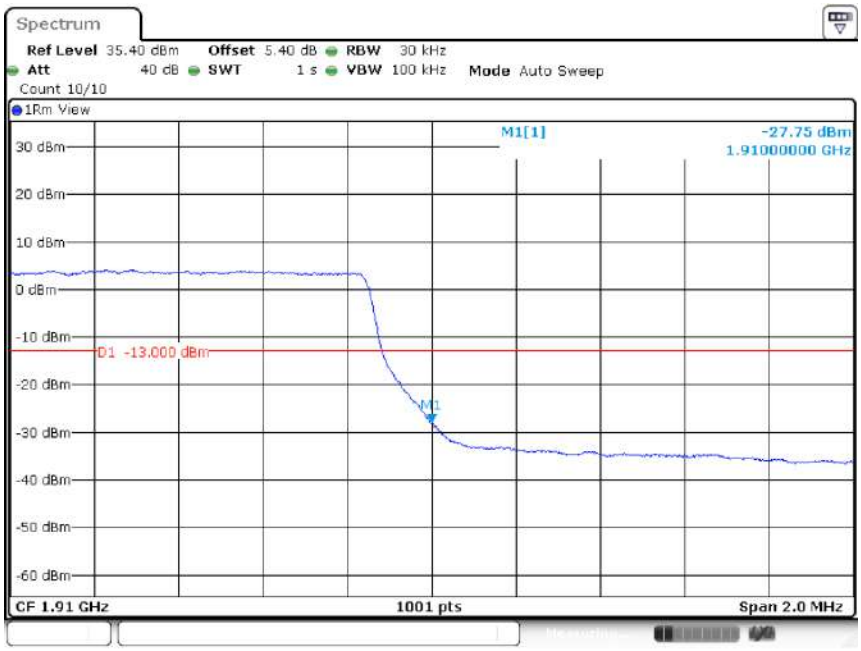
Band2-3MHz-QPSK-19185-1RB#14



Date: 14 AUG 2020 22:21:05

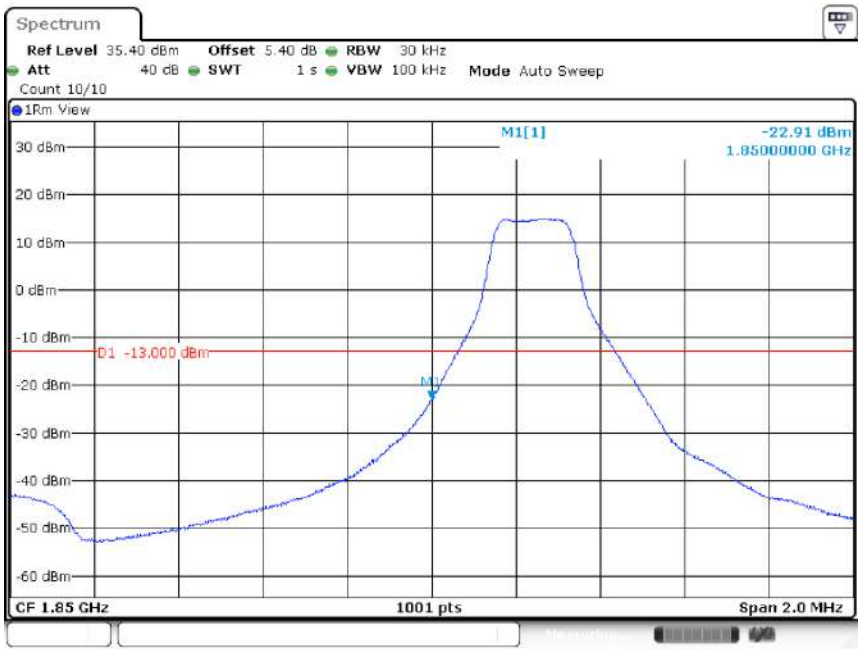
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 14 AUG 2020 22:23:14

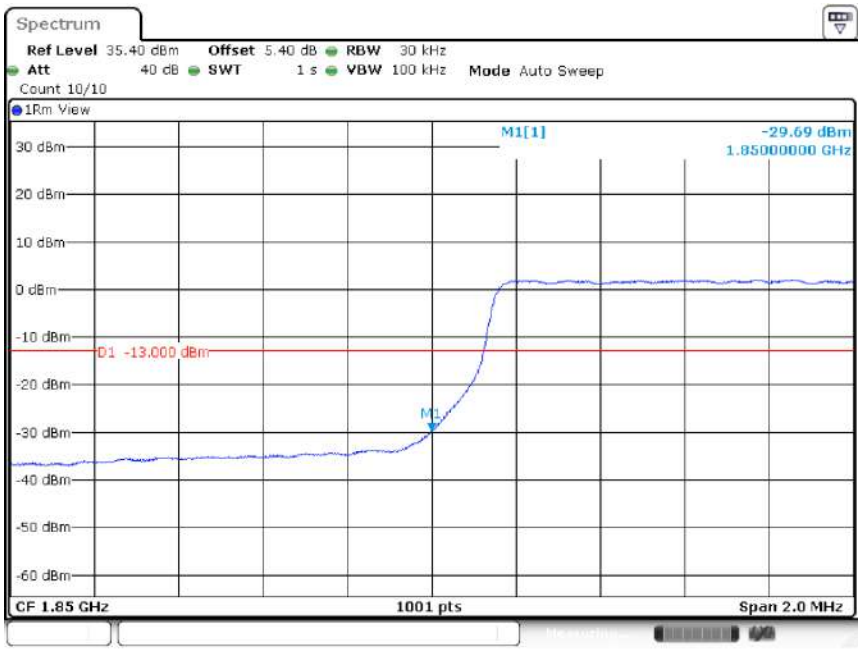
Band2-3MHz-64QAM-18615-1RB#0



Date: 15 AUG 2020 01:32:24

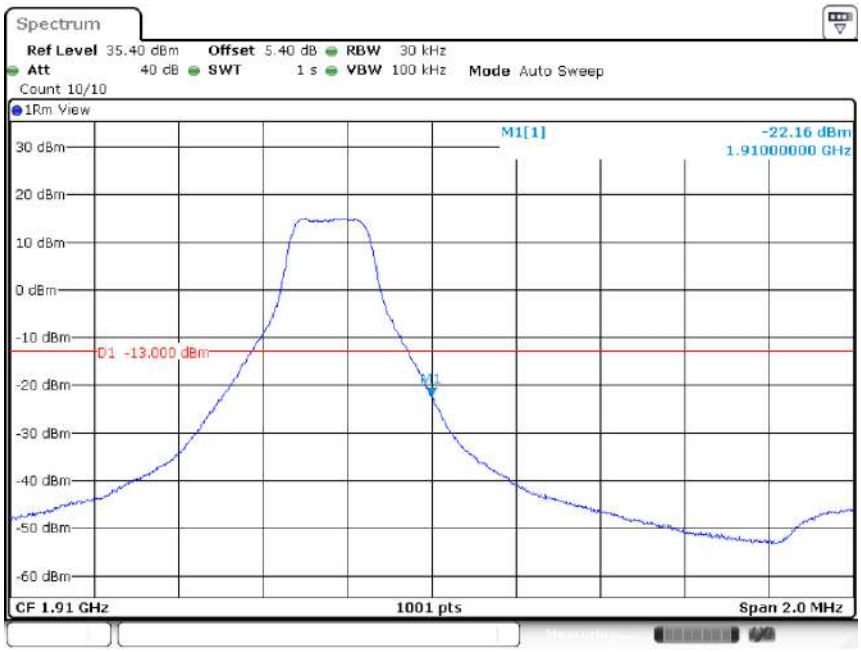
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 15 AUG 2020 01:33:57

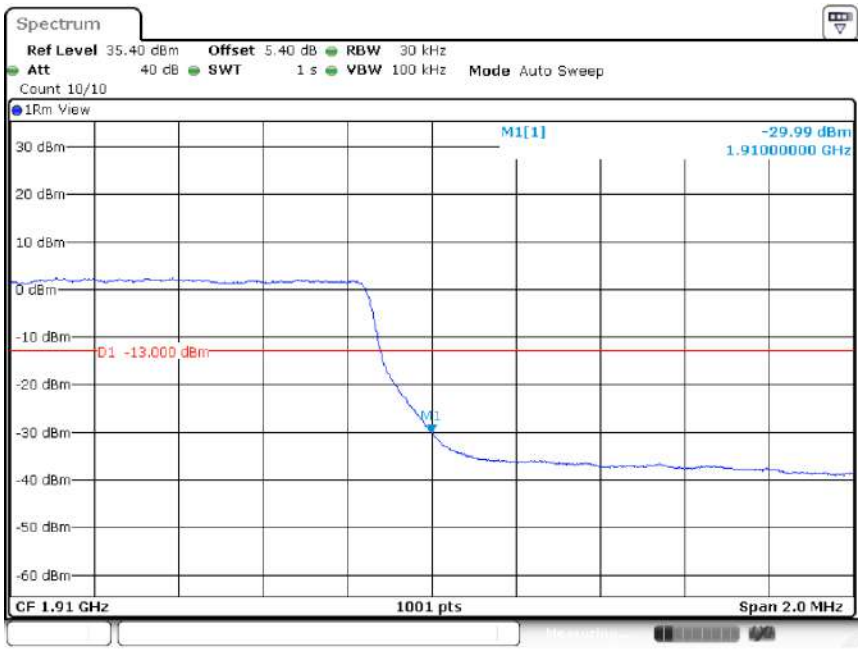
Band2-3MHz-64QAM-19185-1RB#14



Date: 15 AUG 2020 01:33:10

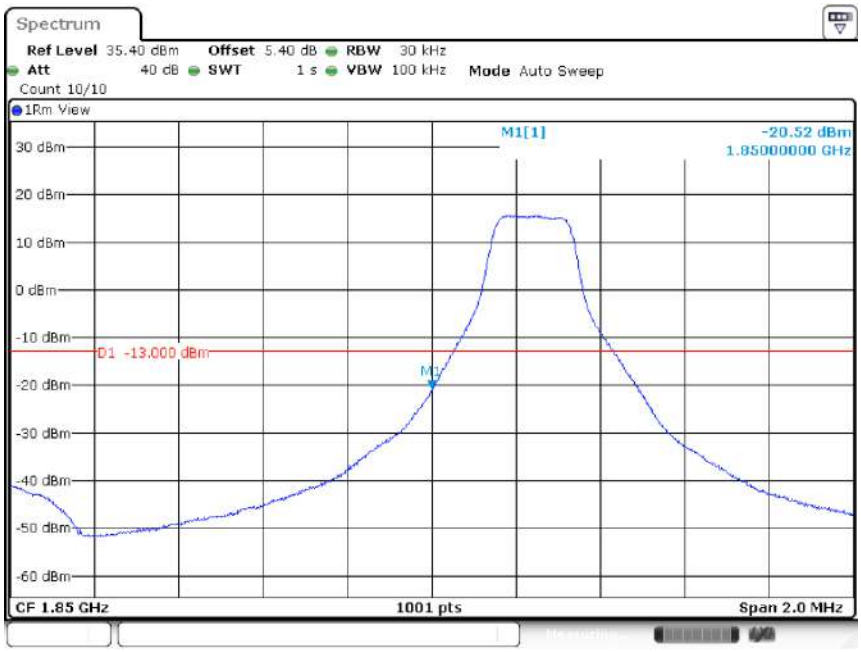
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



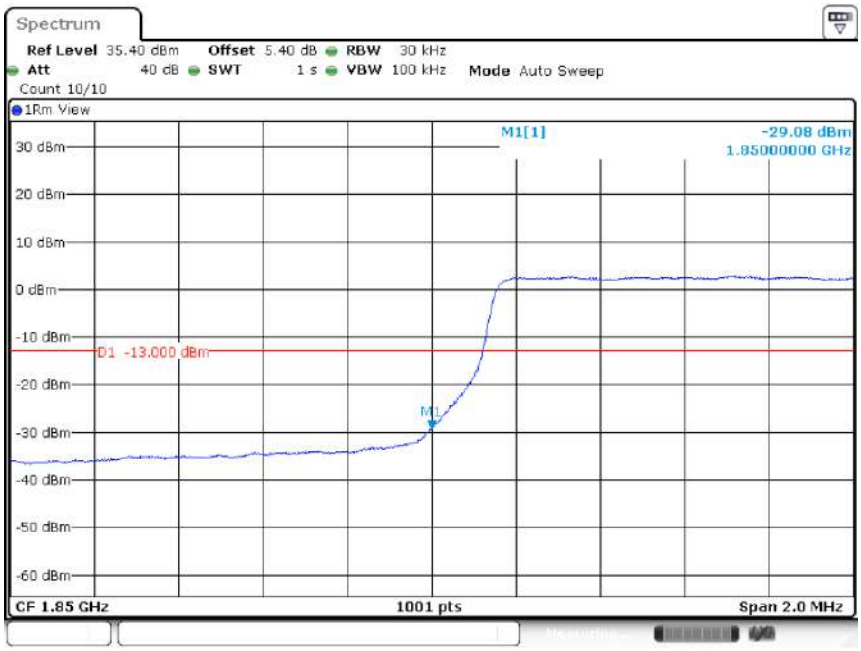
Date: 15 AUG 2020 01:34:18

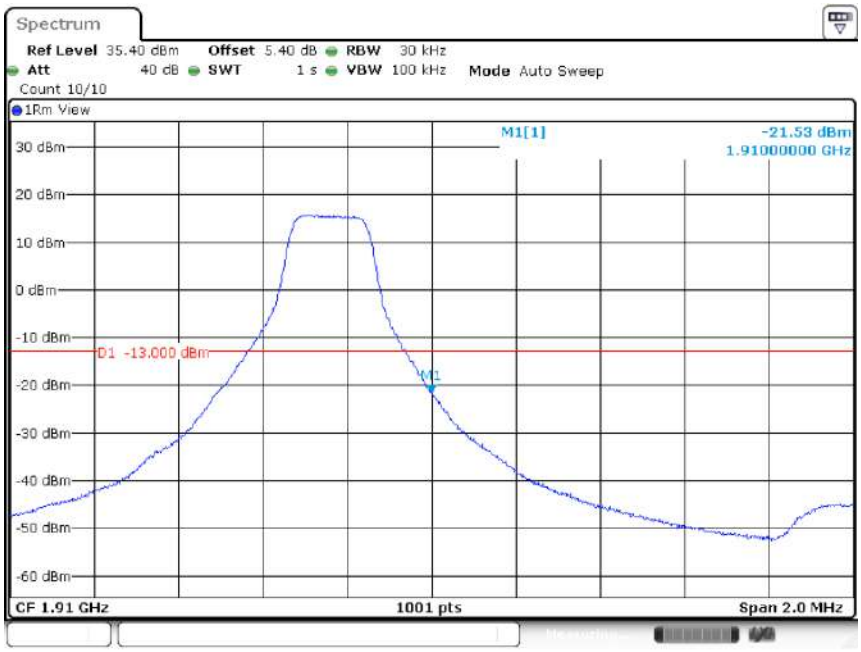
Band2-3MHz-16QAM-18615-1RB#0



Date: 14 AUG 2020 22:19:58

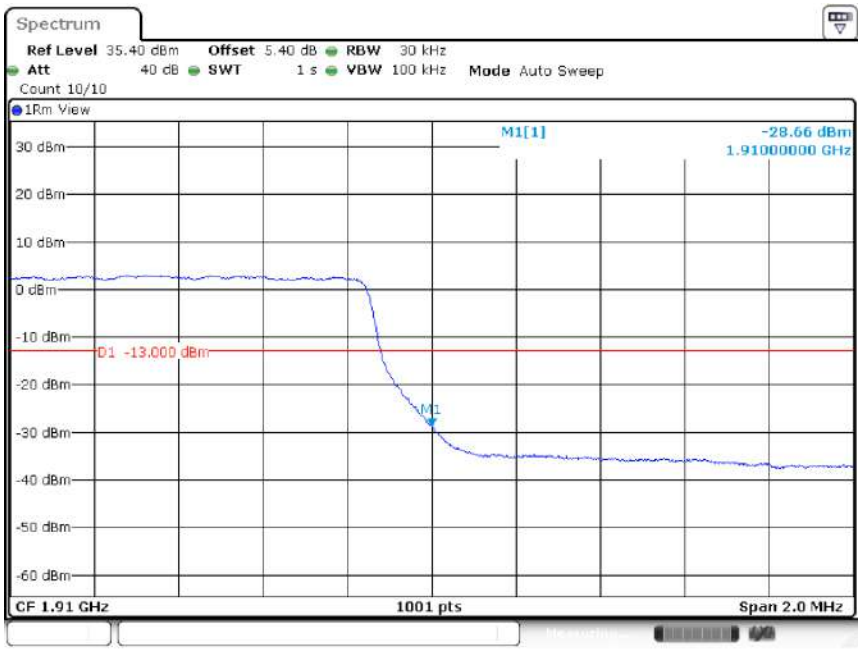
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

Date: 14.AUG.2020 22:22:53

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

Date: 14.AUG.2020 22:21:26

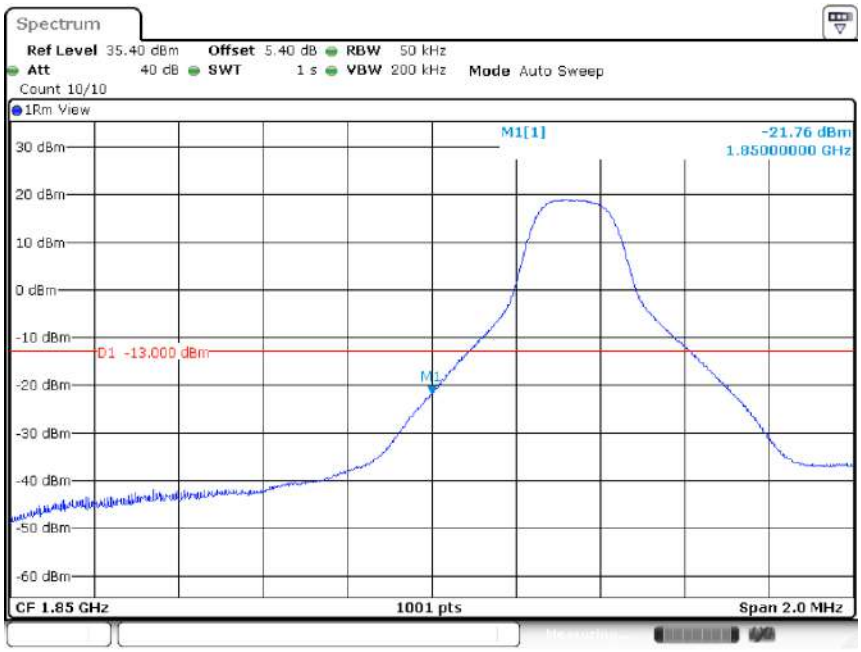
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 14 AUG 2020 22:23:34

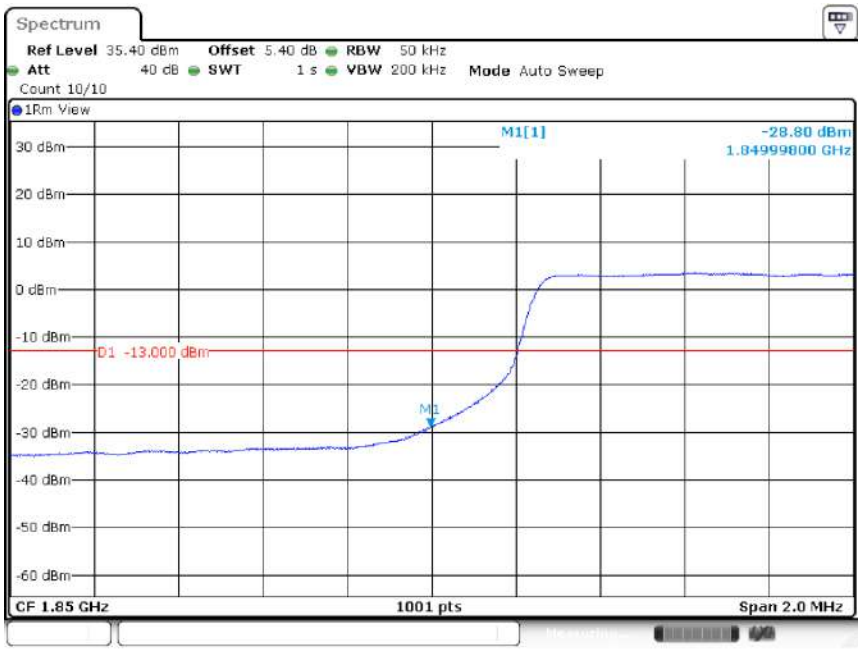
Band2-5MHz-QPSK-18625-1RB#0



Date: 14 AUG 2020 22:24:01

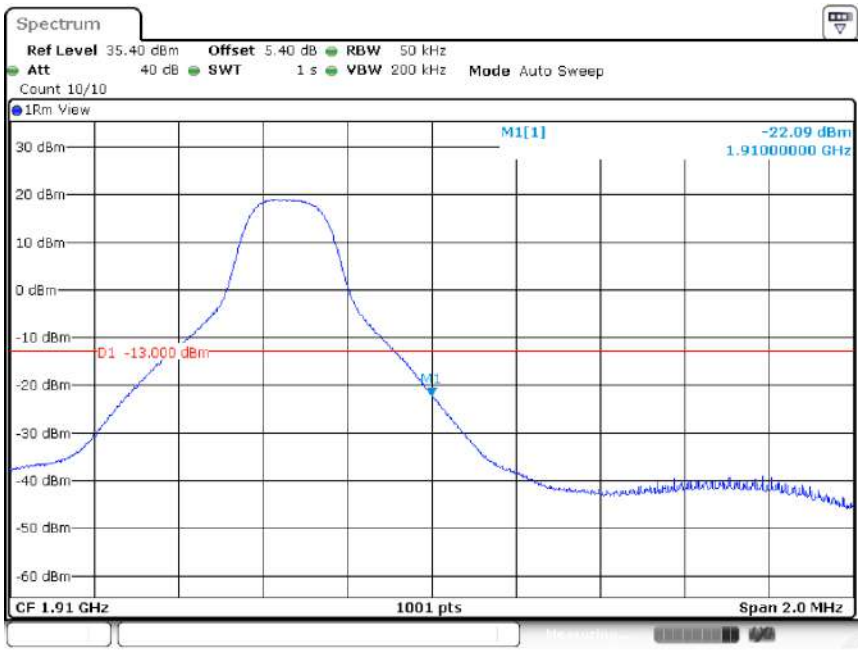
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 14 AUG 2020 22:26:55

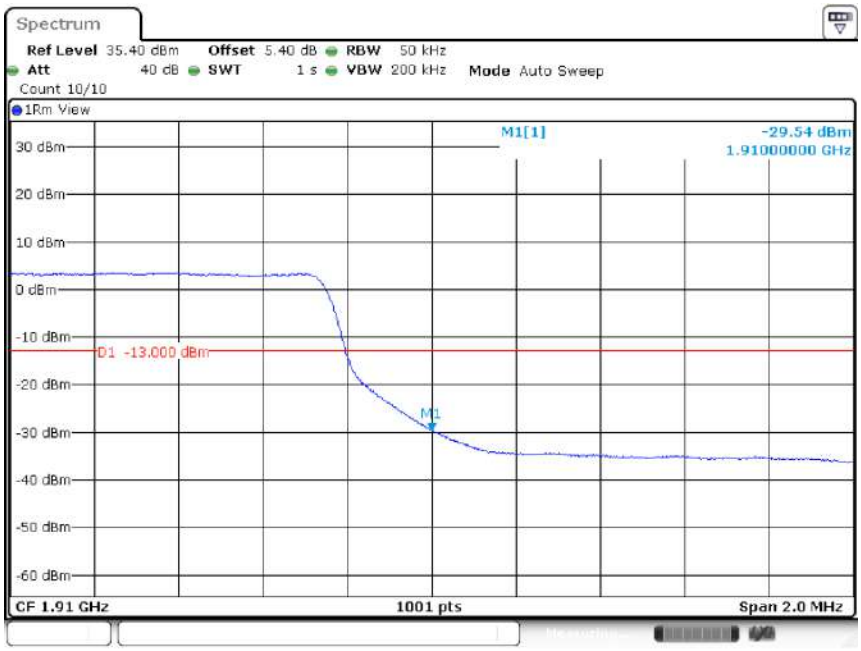
Band2-5MHz-QPSK-19175-1RB#24



Date: 14 AUG 2020 22:25:28

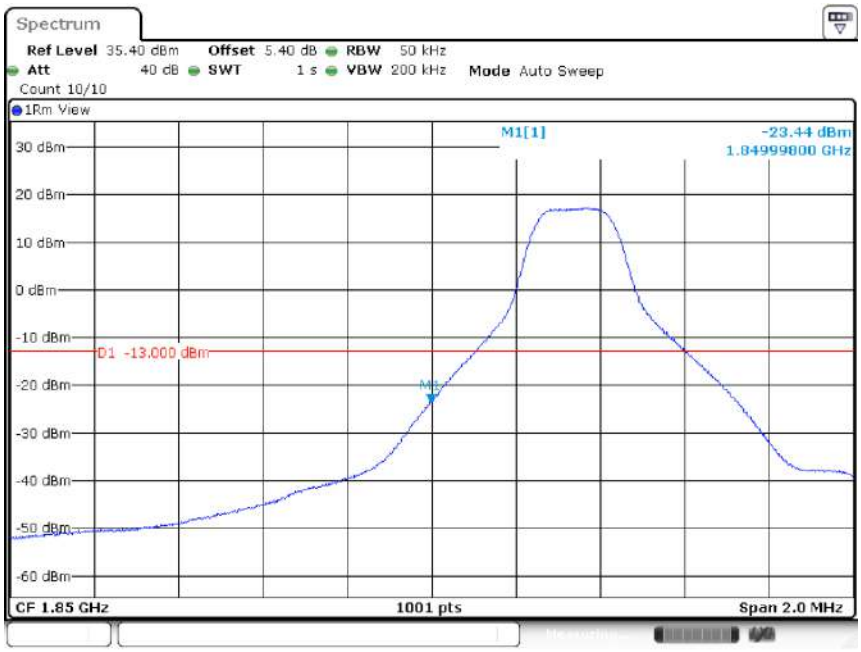
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 14 AUG 2020 22:27:37

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

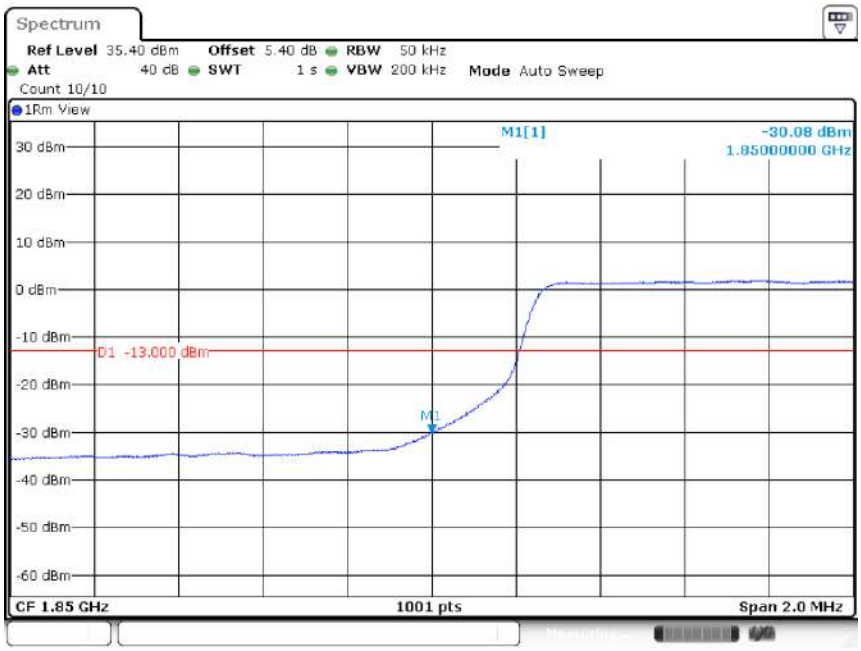


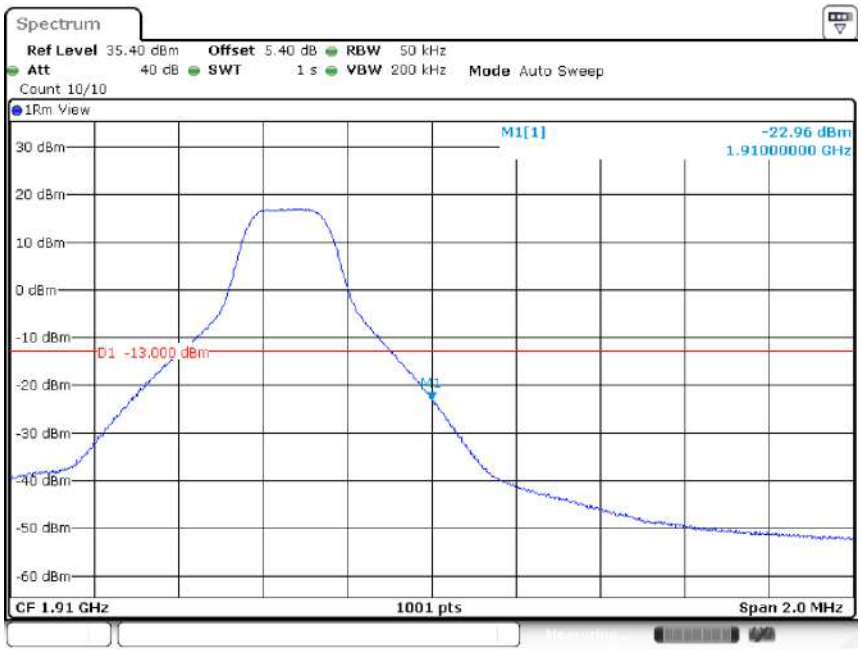
Date: 15 AUG 2020 01:34:46

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

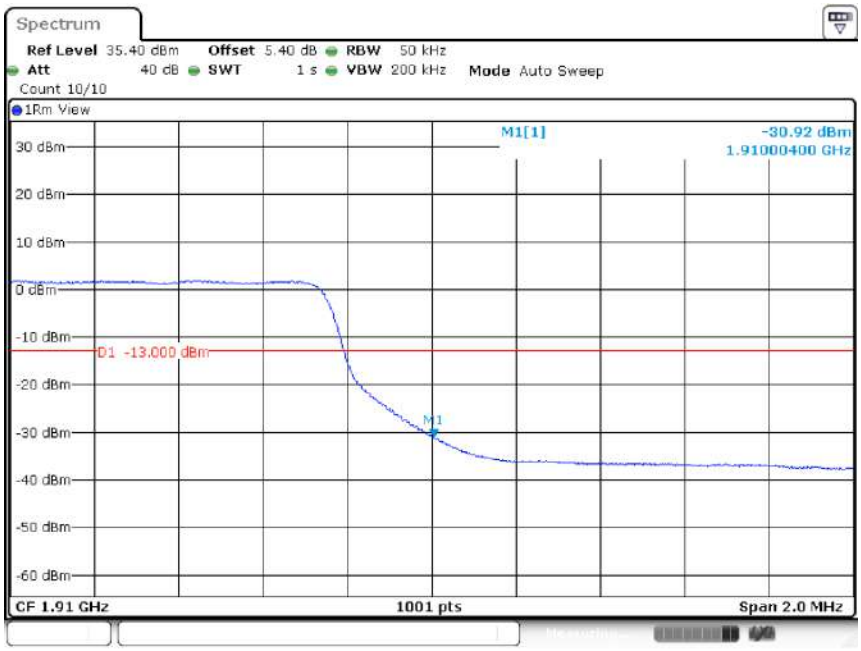
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch Electrical Services Co., Ltd. EMC Laboratory
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053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

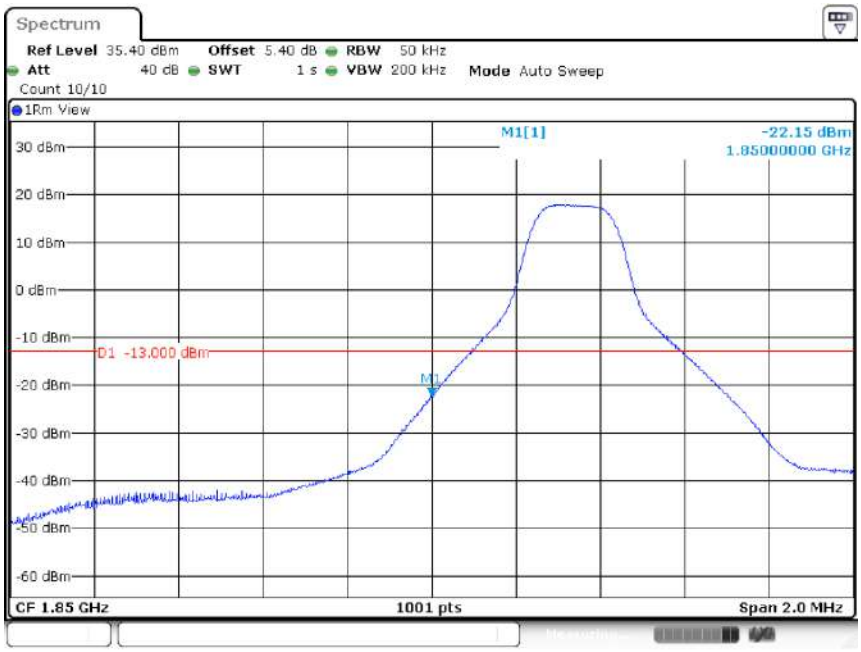
Member of the SGS Group (SGS SA)

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

Date: 15.AUG.2020 01:36:20

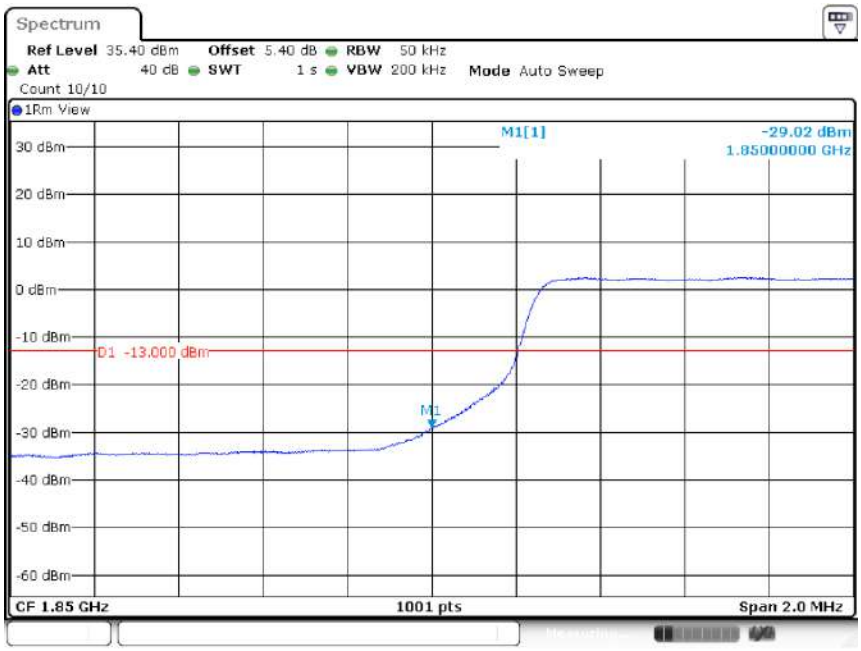
Band2-5MHz-64QAM-19175-1RB#24

Date: 15.AUG.2020 01:35:33

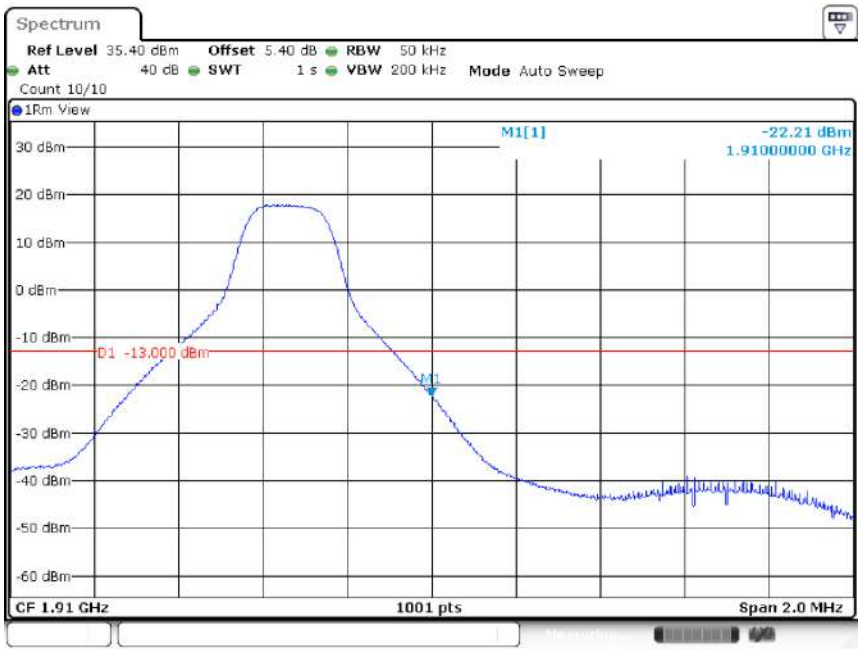
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

Date: 15.AUG.2020 01:36:41

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

Date: 14.AUG.2020 22:24:21

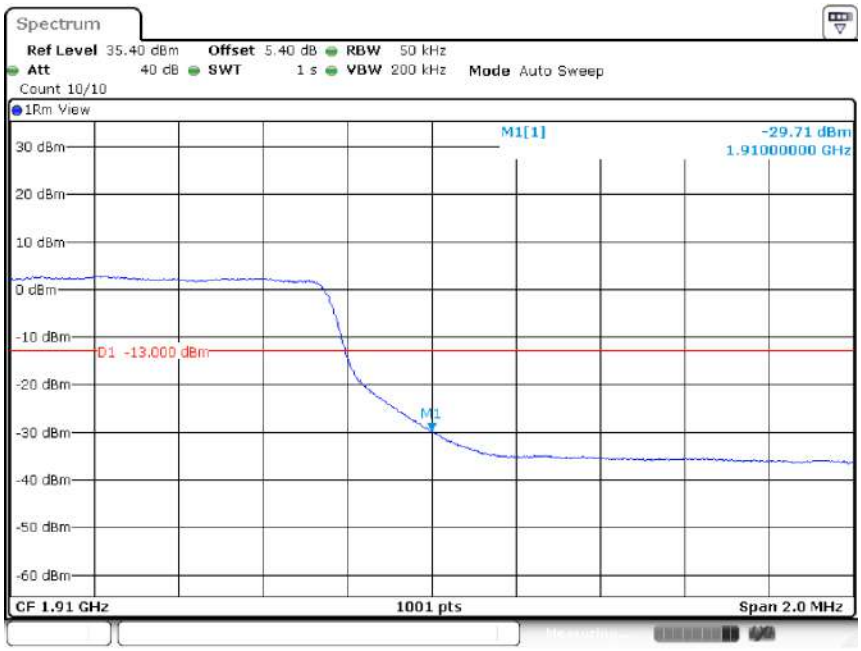
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

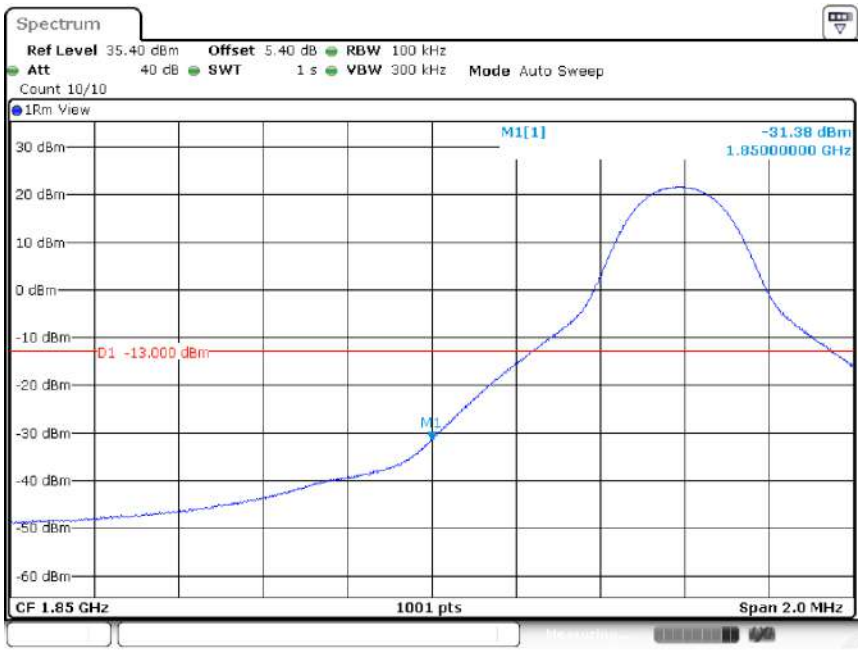
Band2-5MHz-16QAM-18625-25RB#0

Date: 14.AUG.2020 22:27:16

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

Date: 14.AUG.2020 22:25:48

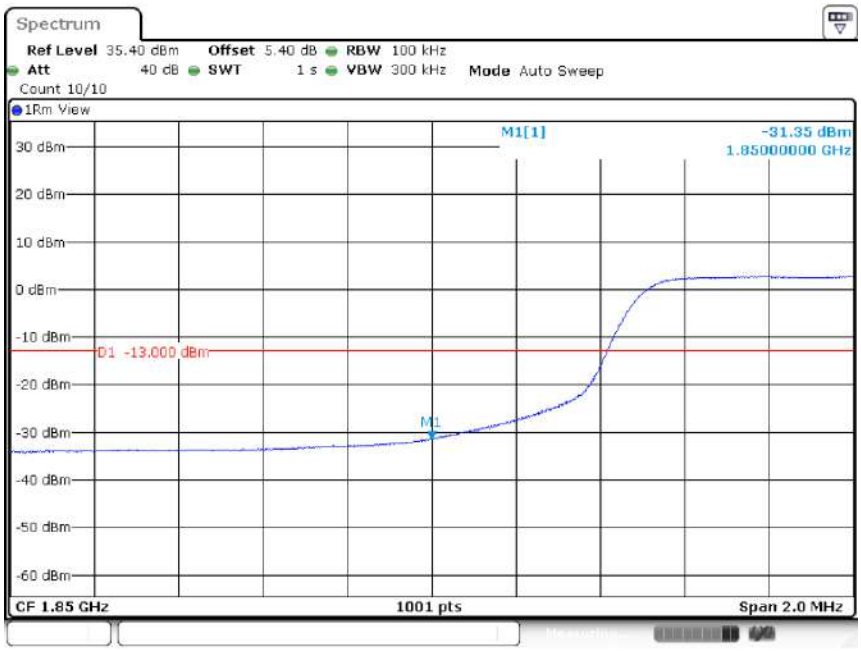
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

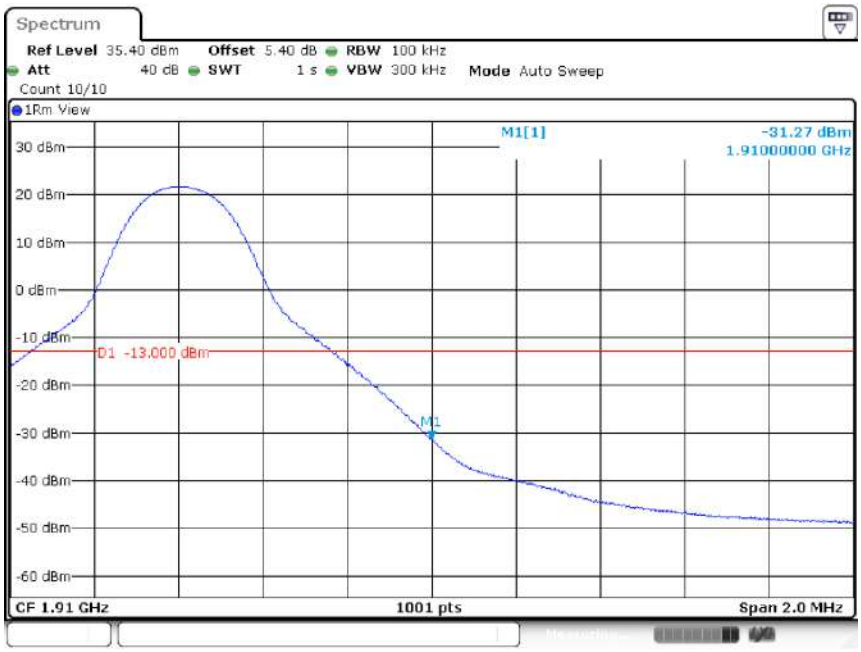
SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Technical Services Co., Ltd. SEC Laboratory
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053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

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

Date: 14.AUG.2020 22:27:58

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

Date: 14.AUG.2020 22:28:25

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

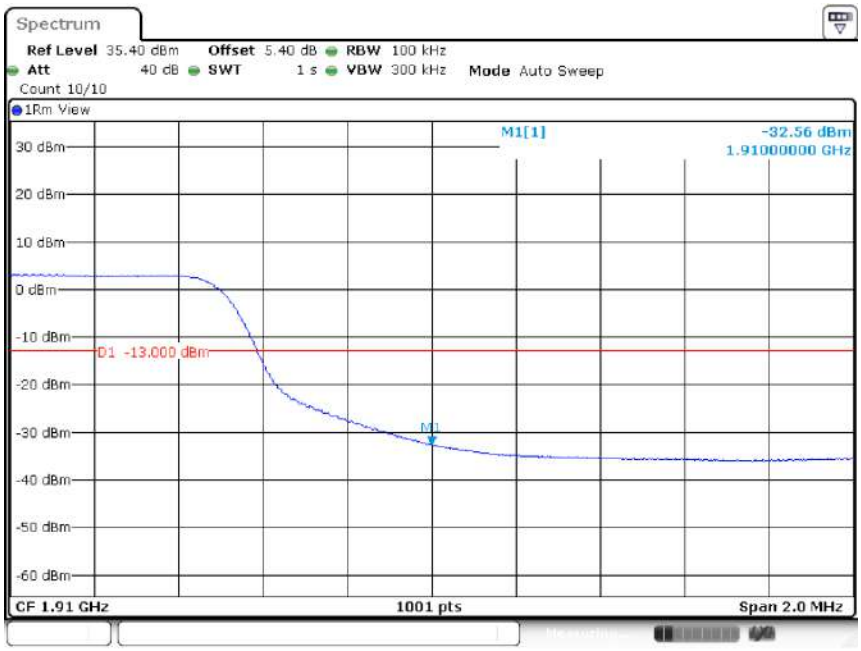
Band2-10MHz-QPSK-18650-50RB#0

Date: 14.AUG.2020 22:31:19

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

Date: 14.AUG.2020 22:29:52

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

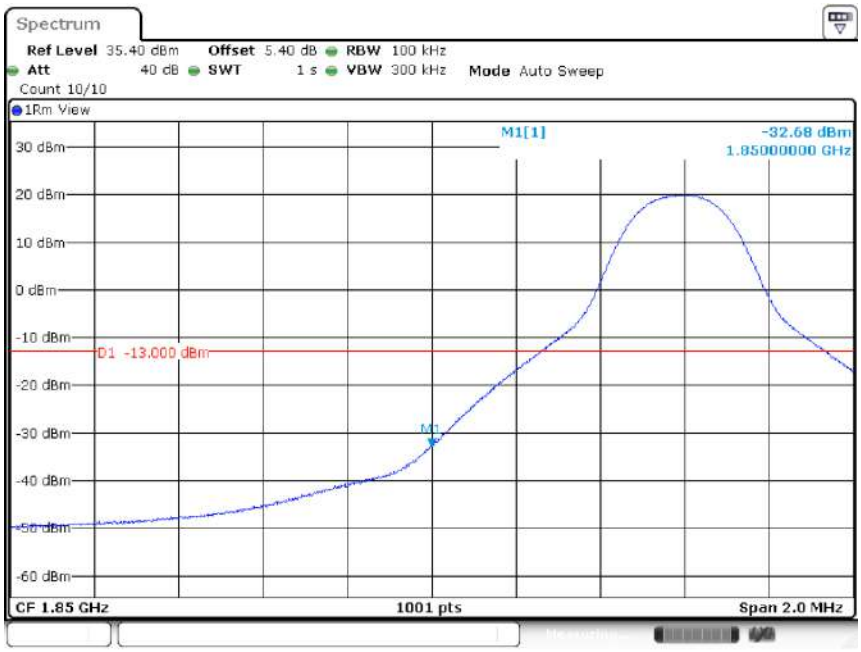
SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Technical Services Co., Ltd. SEC Laboratory
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053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

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



Date: 14 AUG 2020 22:32:01

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



Date: 15 AUG 2020 01:37:09

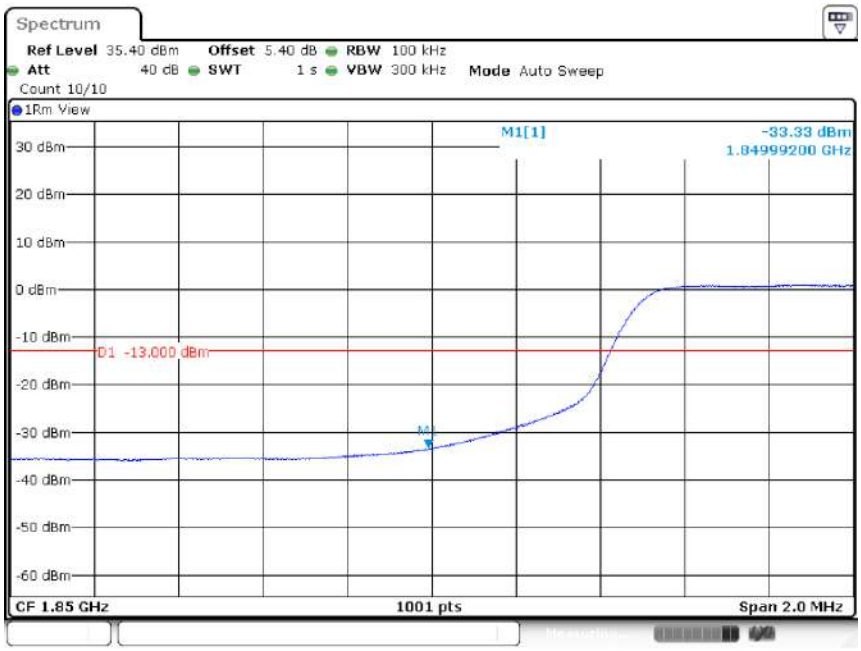
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

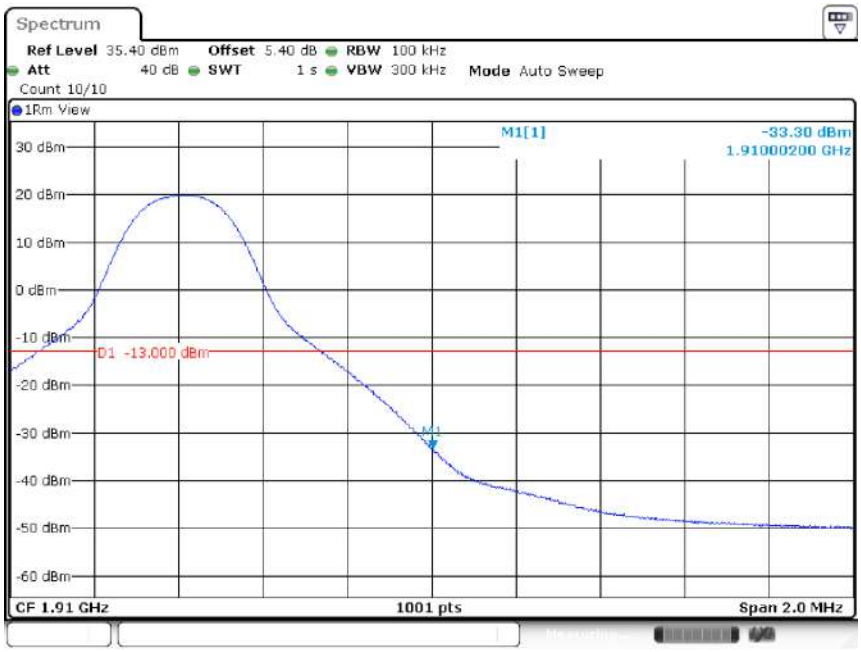
Member of the SGS Group (SGS SA)

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



Date: 15.AUG.2020 01:38:42

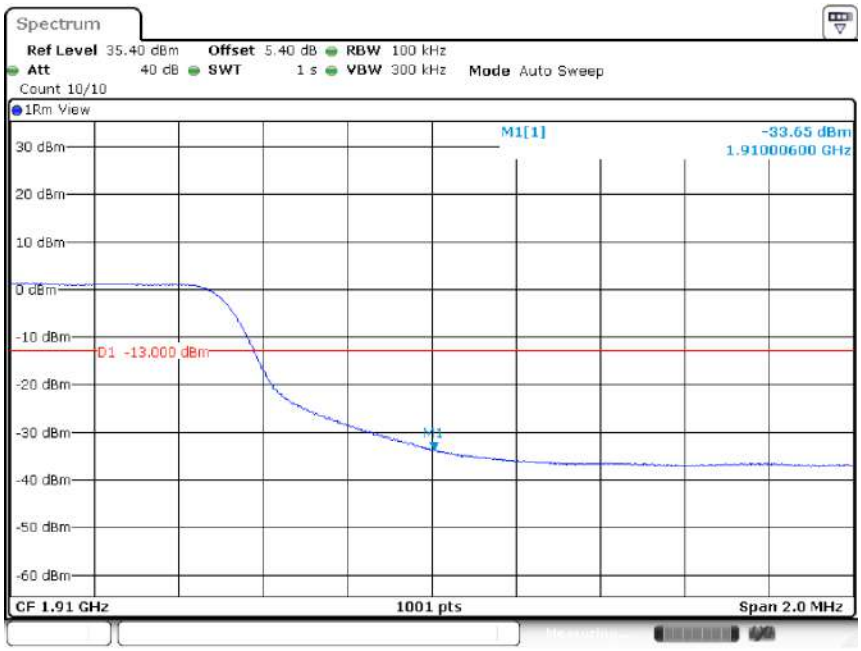
Band2-10MHz-64QAM-19150-1RB#49

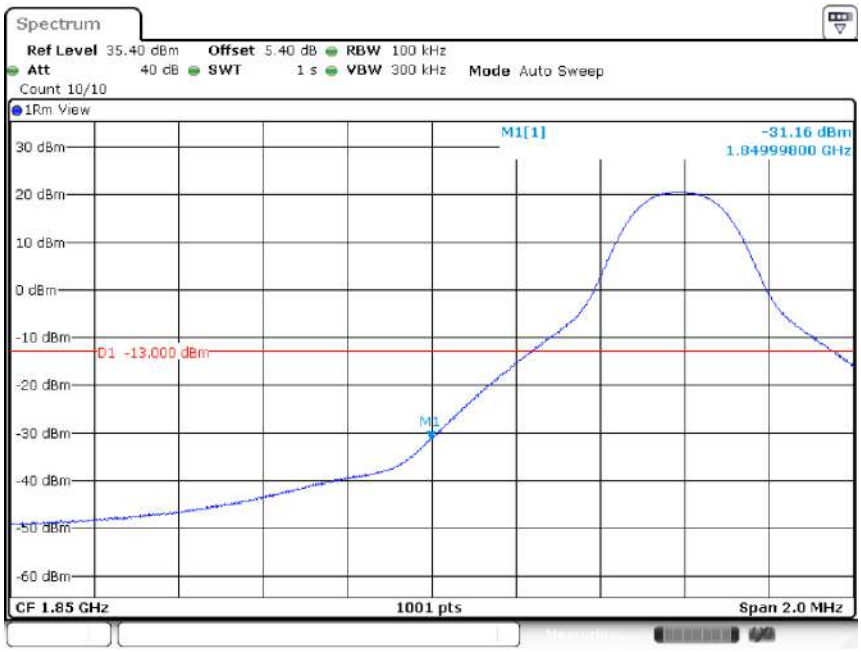


Date: 15.AUG.2020 01:37:55

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

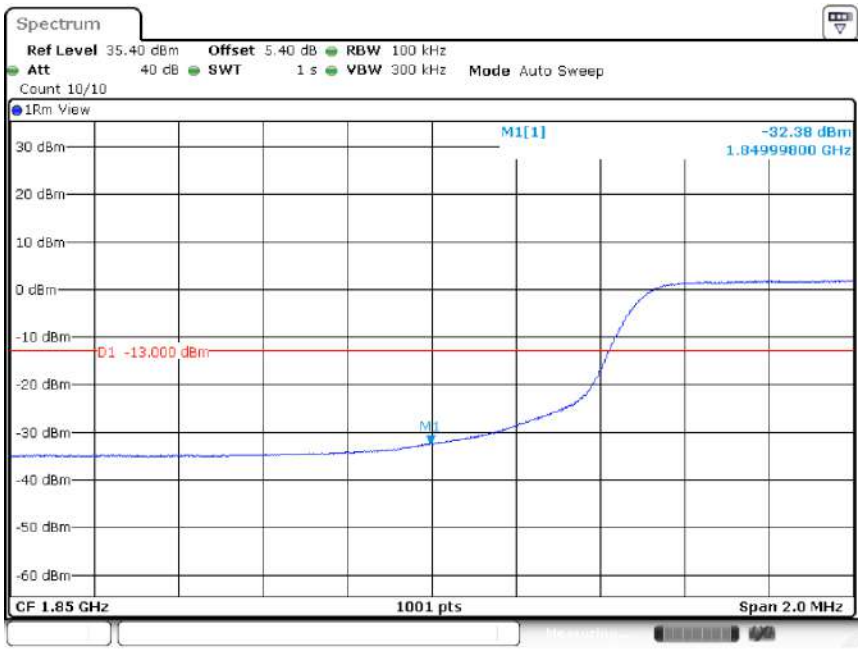
SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Technical Services Co., Ltd. SEC Laboratory
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053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

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

Date: 15.AUG.2020 01:39:03

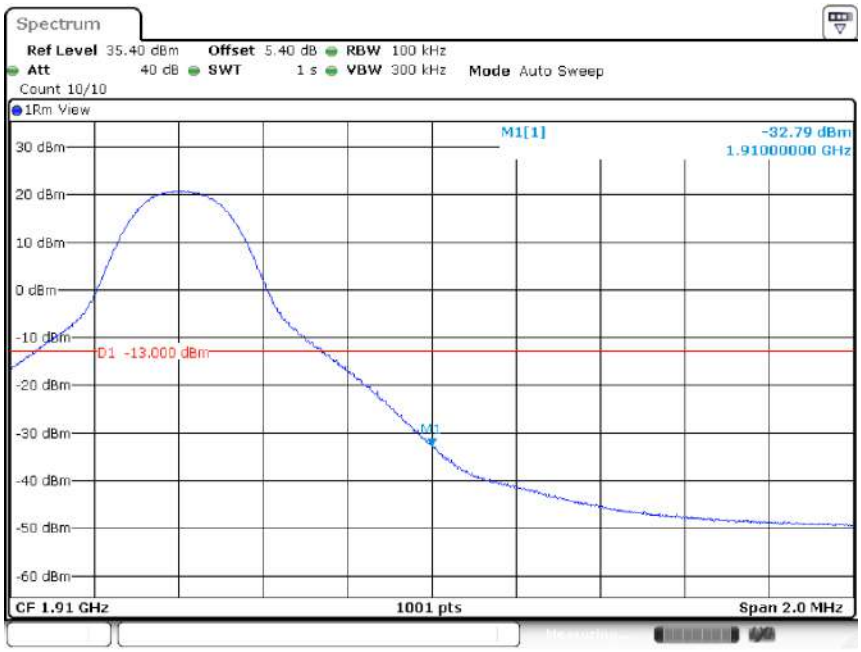
Band2-10MHz-16QAM-18650-1RB#0

Date: 14.AUG.2020 22:28:46

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

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


Date: 14.AUG.2020 22:31:40

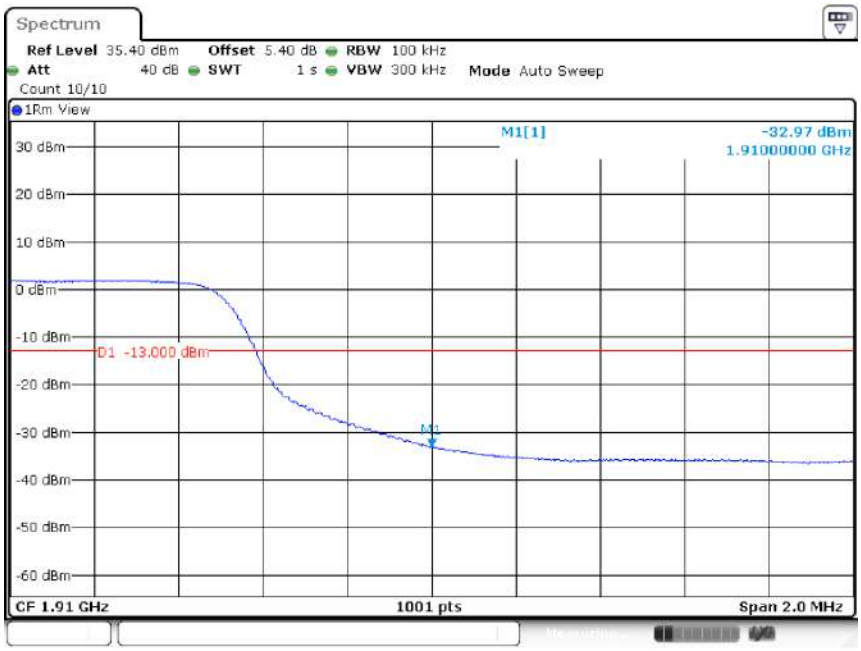
Band2-10MHz-16QAM-19150-1RB#49


Date: 14.AUG.2020 22:30:13

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-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

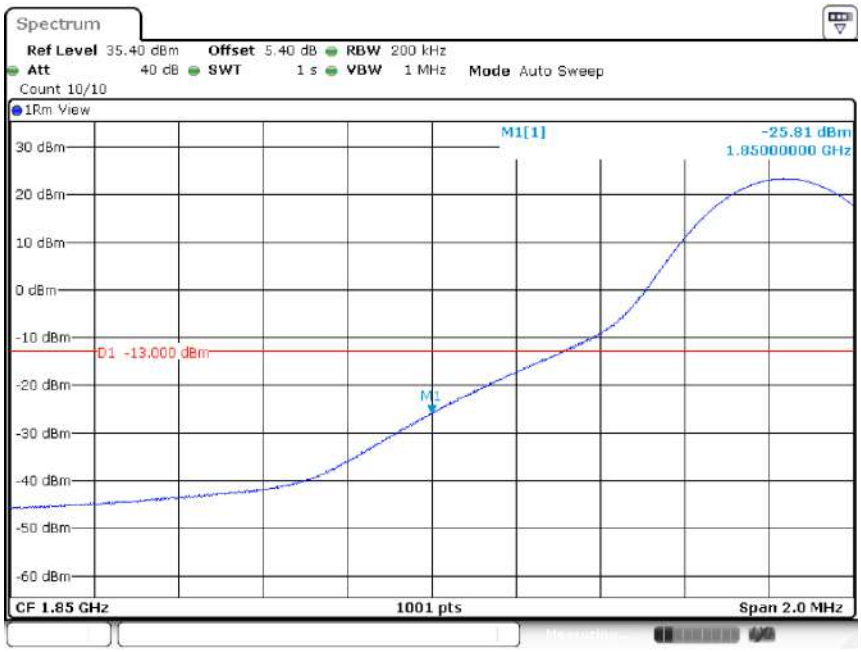
SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Technical Services Co., Ltd. EEC Laboratory
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053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

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



Date: 14 AUG 2020 22:32:21

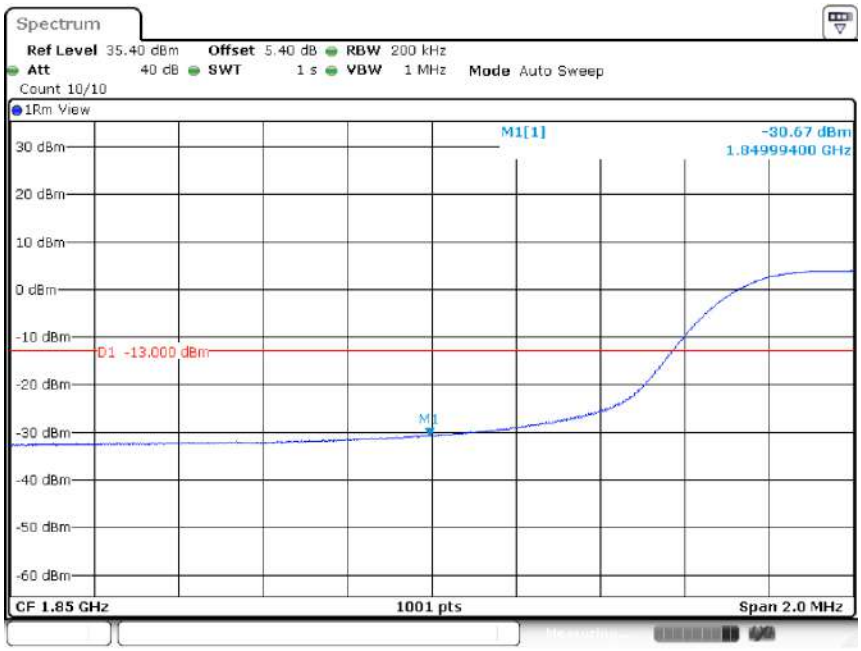
Band2-15MHz-QPSK-18675-1RB#0



Date: 14 AUG 2020 22:32:48

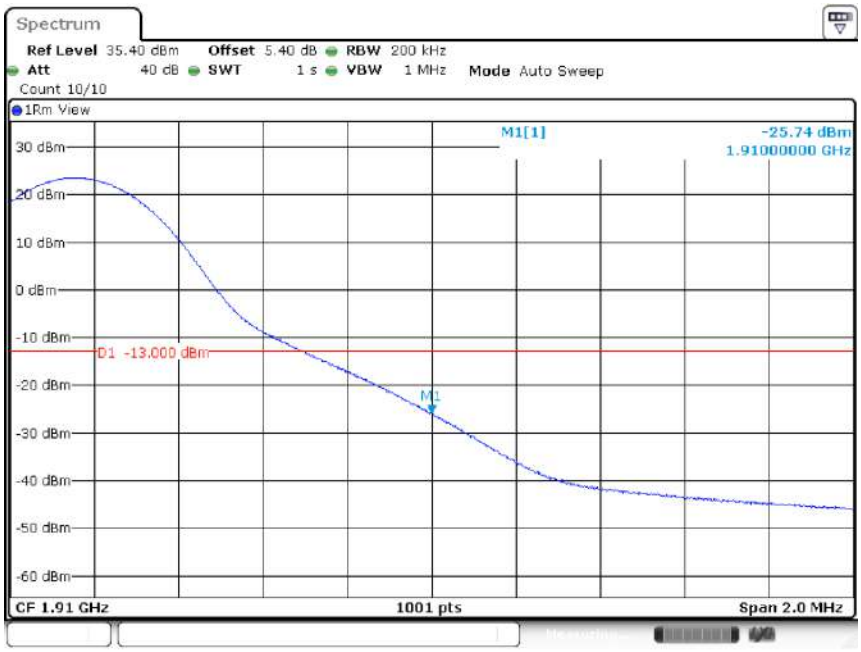
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 14 AUG 2020 22:35:42

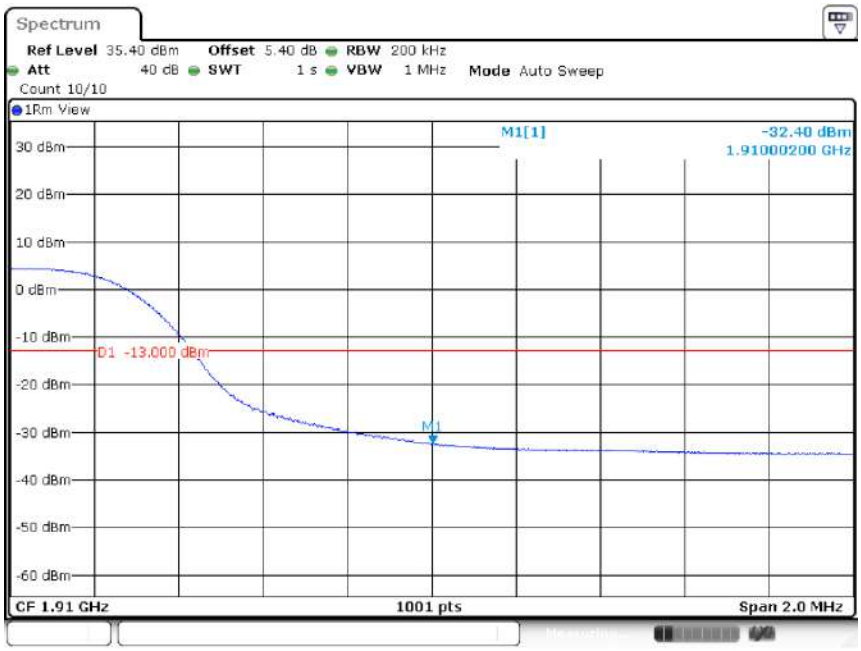
Band2-15MHz-QPSK-19125-1RB#74



Date: 14 AUG 2020 22:34:15

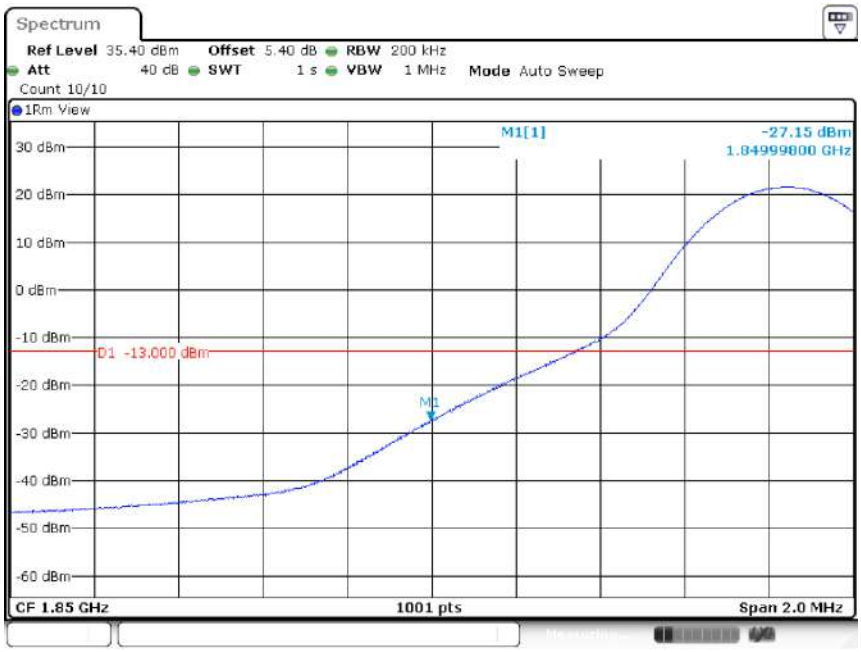
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 14 AUG 2020 22:36:24

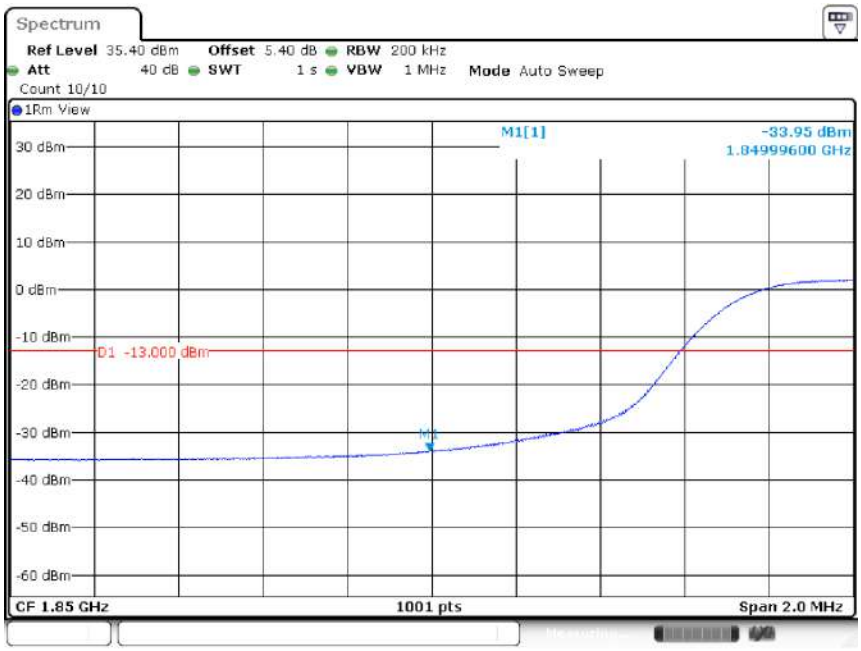
Band2-15MHz-64QAM-18675-1RB#0



Date: 15 AUG 2020 01:39:31

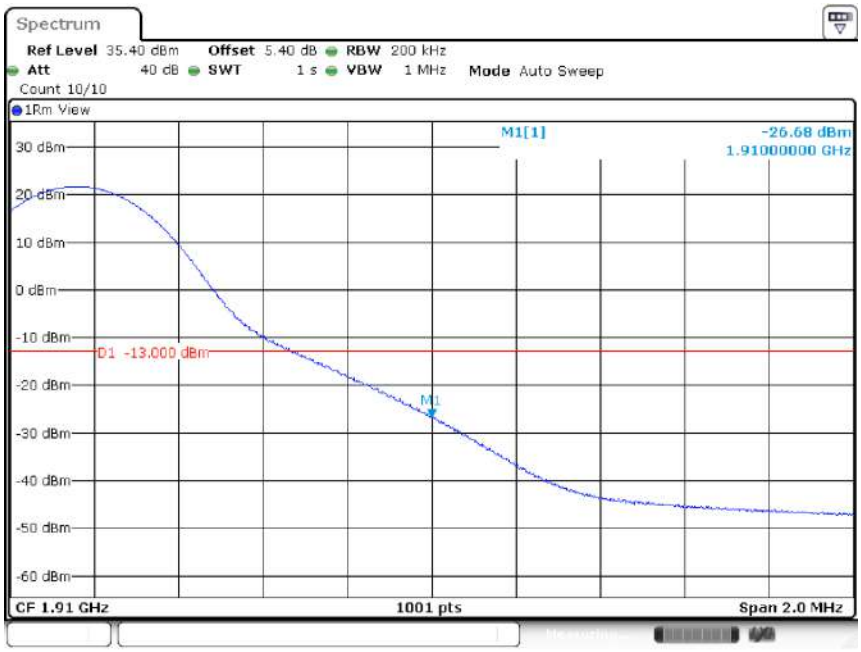
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 15 AUG 2020 01:41:04

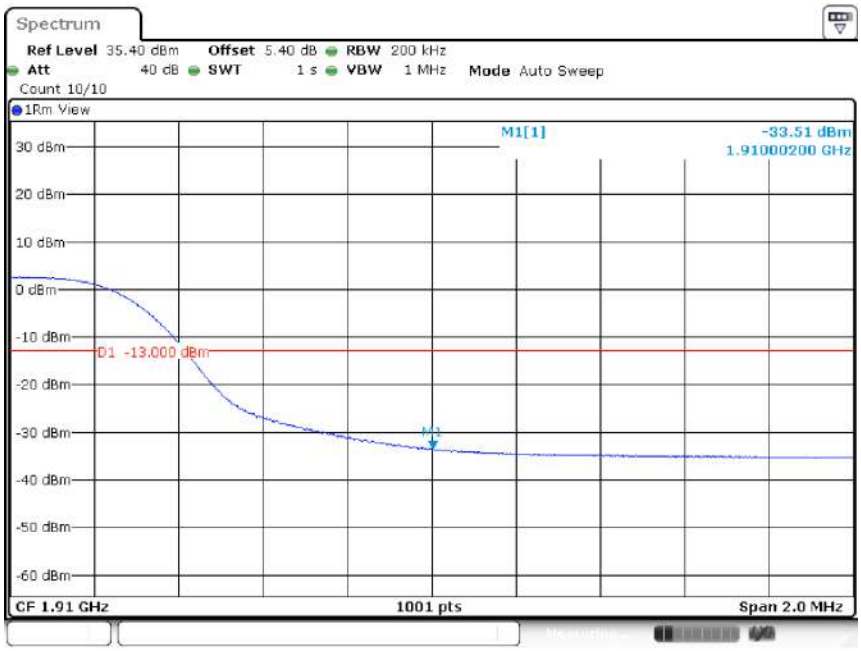
Band2-15MHz-64QAM-19125-1RB#74



Date: 15 AUG 2020 01:40:17

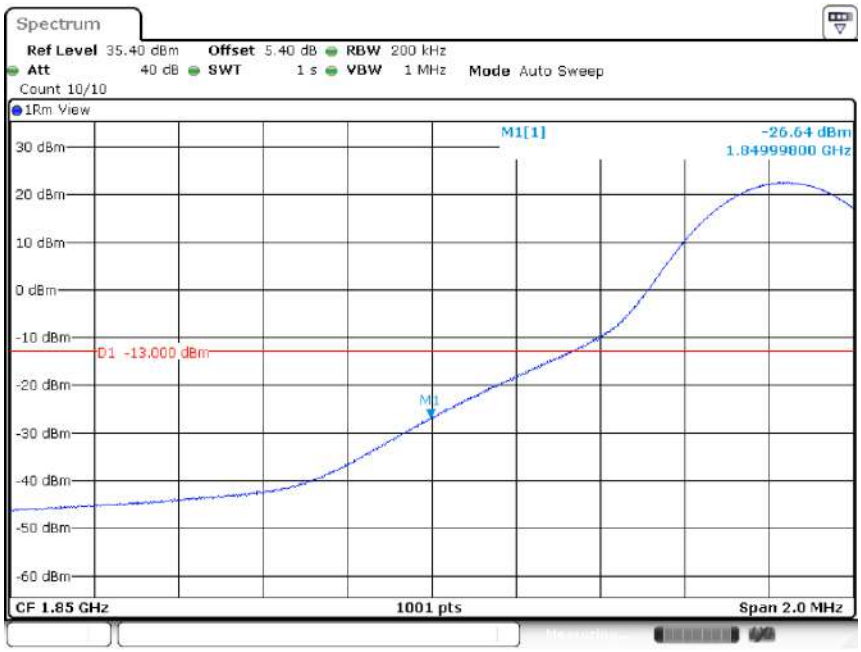
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



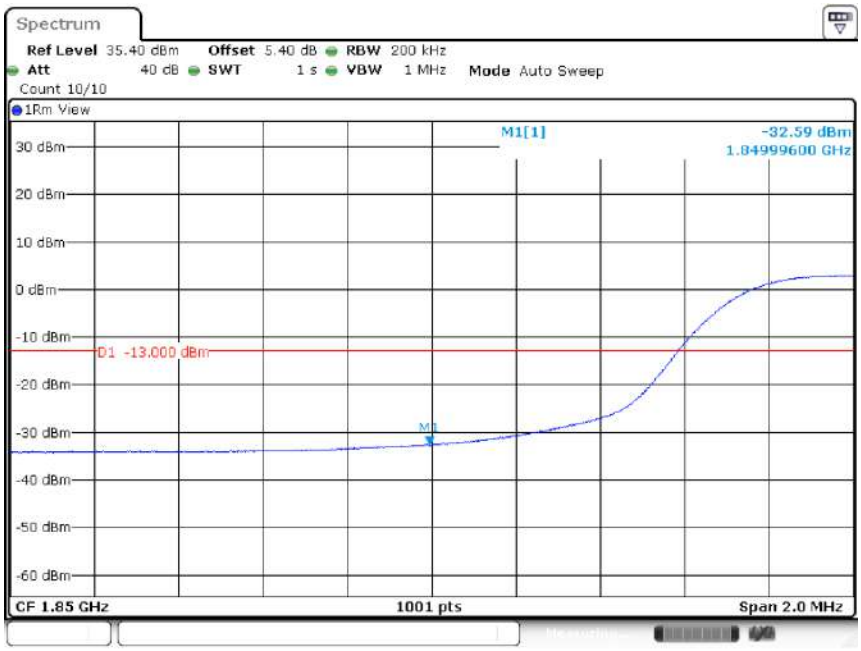
Date: 15 AUG 2020 01:41:25

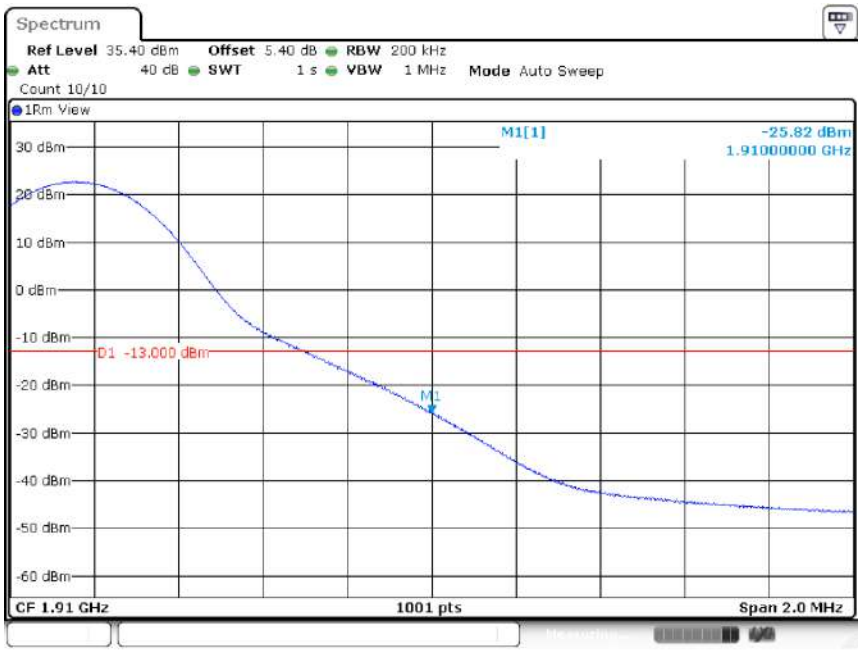
Band2-15MHz-16QAM-18675-1RB#0



Date: 14 AUG 2020 22:33:08

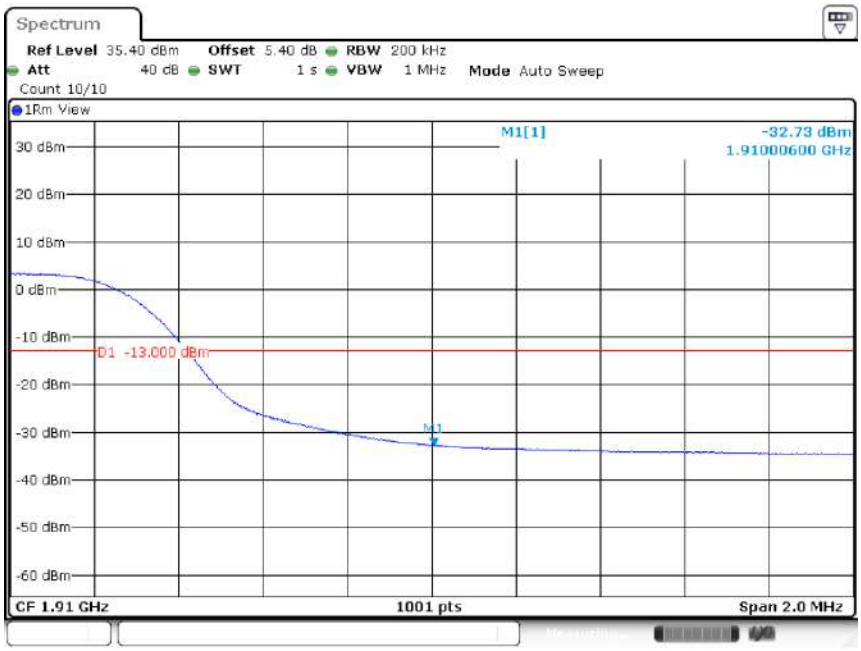
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

Date: 14.AUG.2020 22:36:03

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

Date: 14.AUG.2020 22:34:36

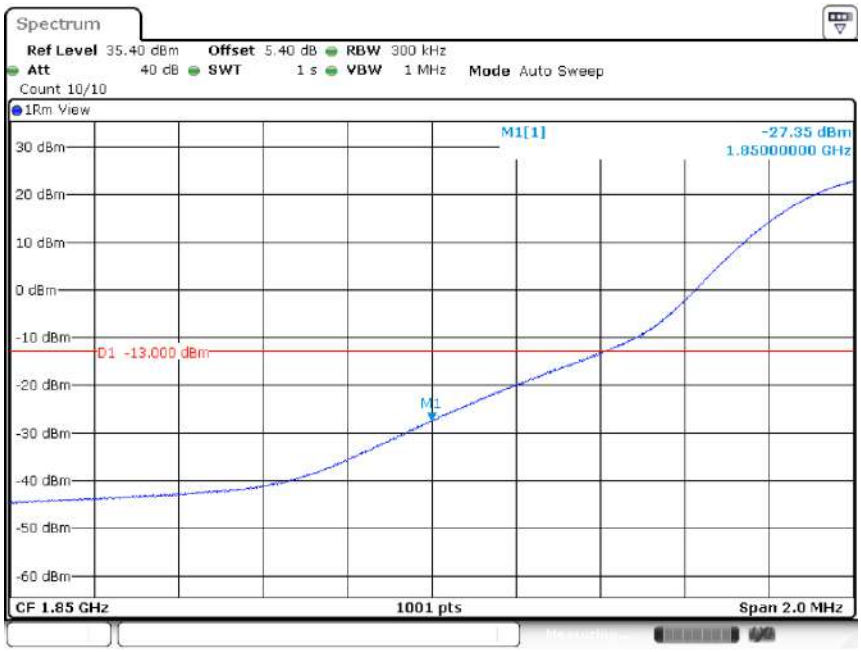
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



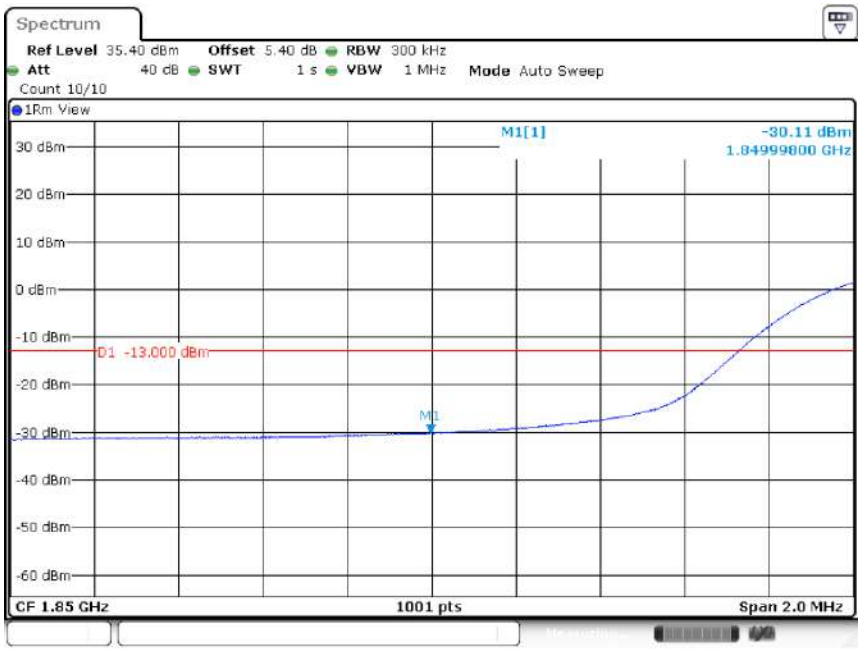
Date: 14 AUG 2020 22:36:45

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

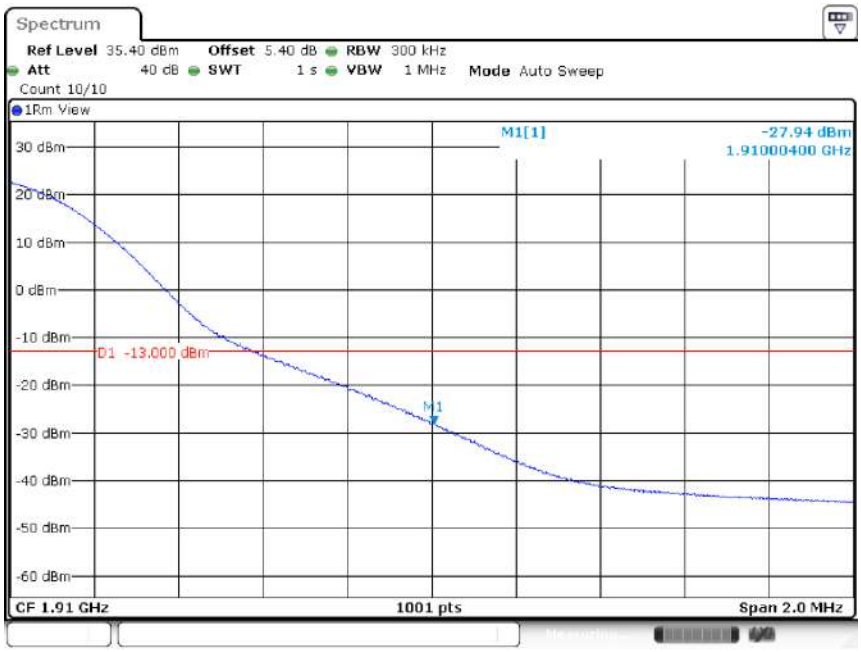


Date: 14 AUG 2020 22:37:11

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

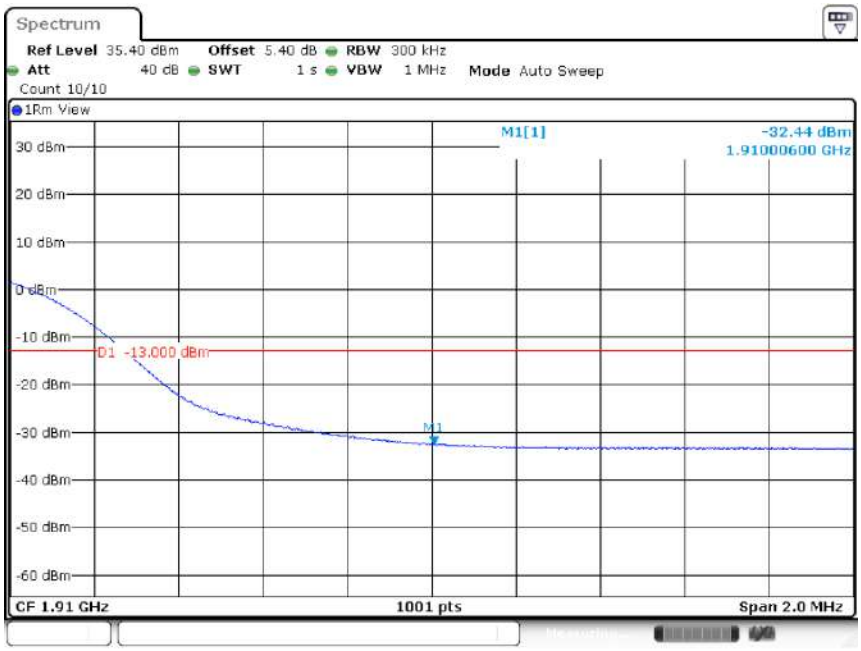
Band2-20MHz-QPSK-18700-100RB#0


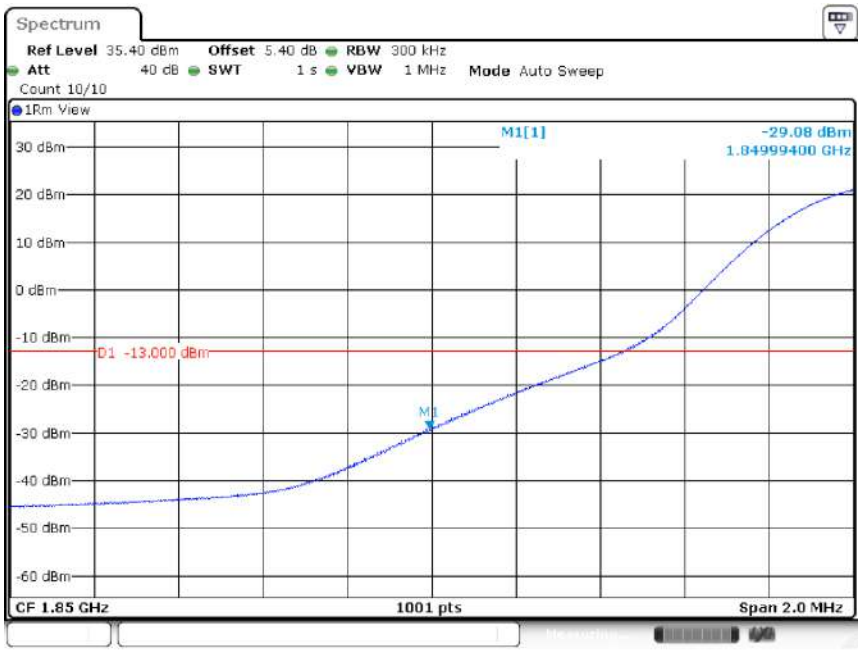
Date: 14.AUG.2020 22:40:06

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


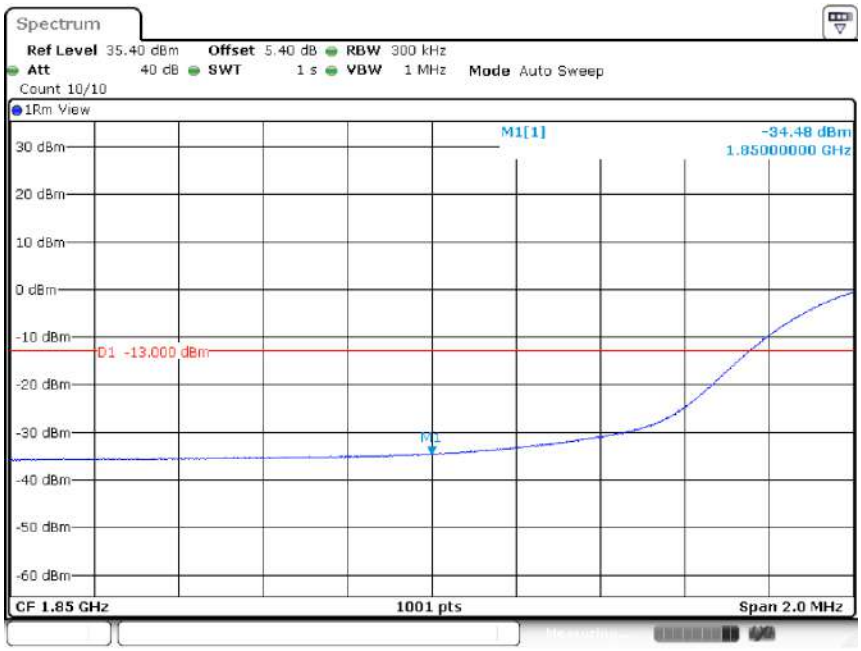
Date: 14.AUG.2020 22:38:38

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

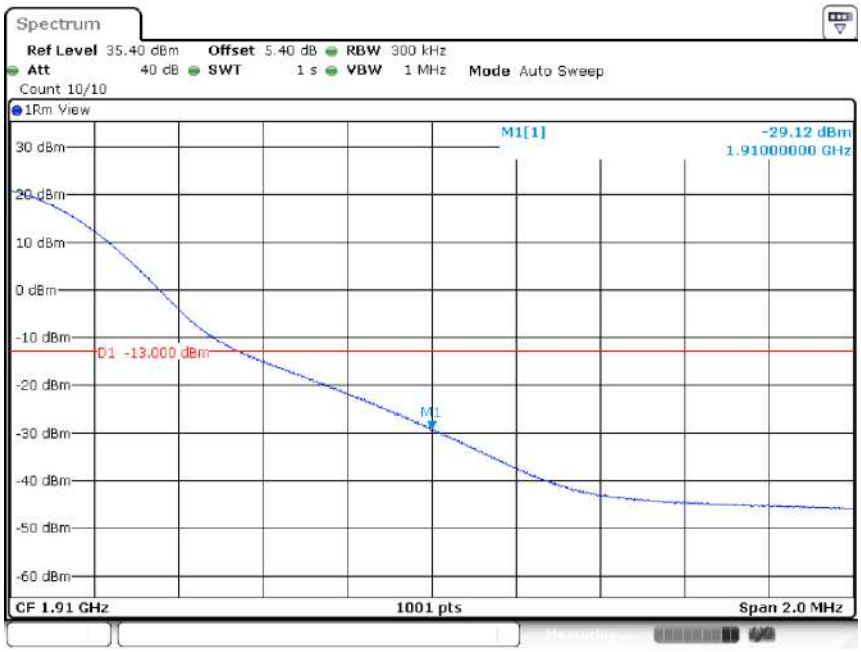
Band2-20MHz-QPSK-19100-100RB#0

Date: 14.AUG.2020 22:40:47

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

Date: 15.AUG.2020 01:41:52

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

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


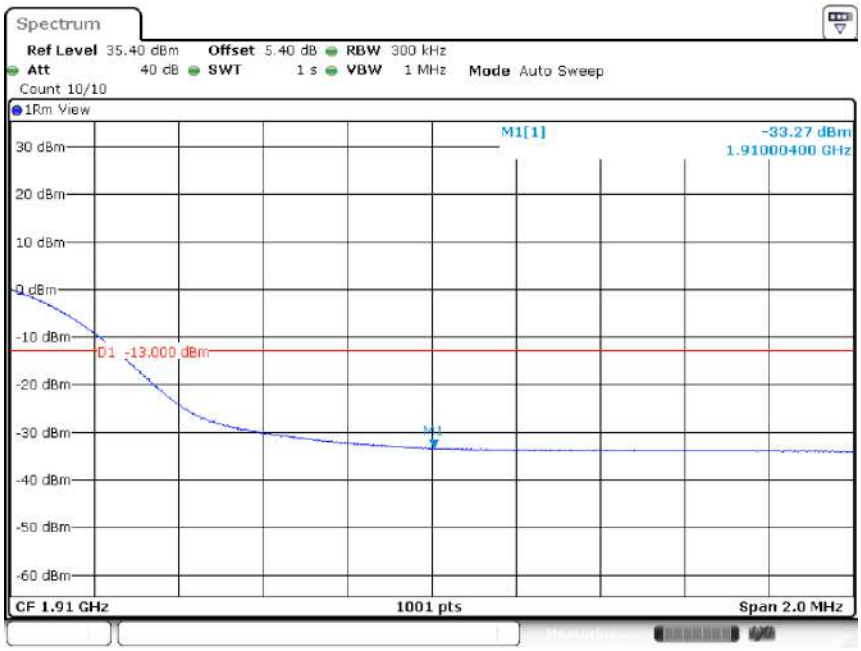
Date: 15.AUG.2020 01:43:26

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


Date: 15.AUG.2020 01:42:40

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

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



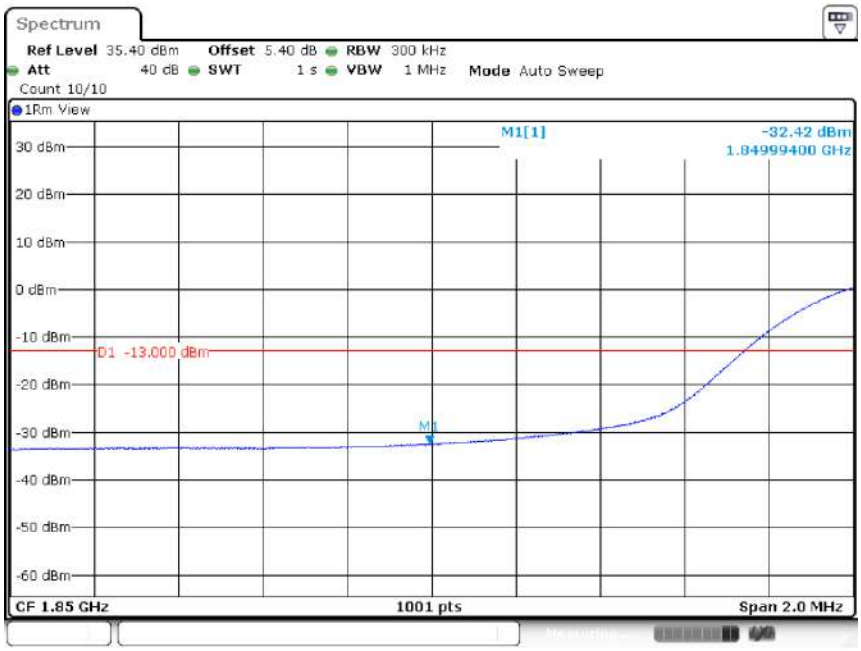
Date: 15 AUG 2020 01:43:47

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

Date: 14 AUG 2020 22:37:32

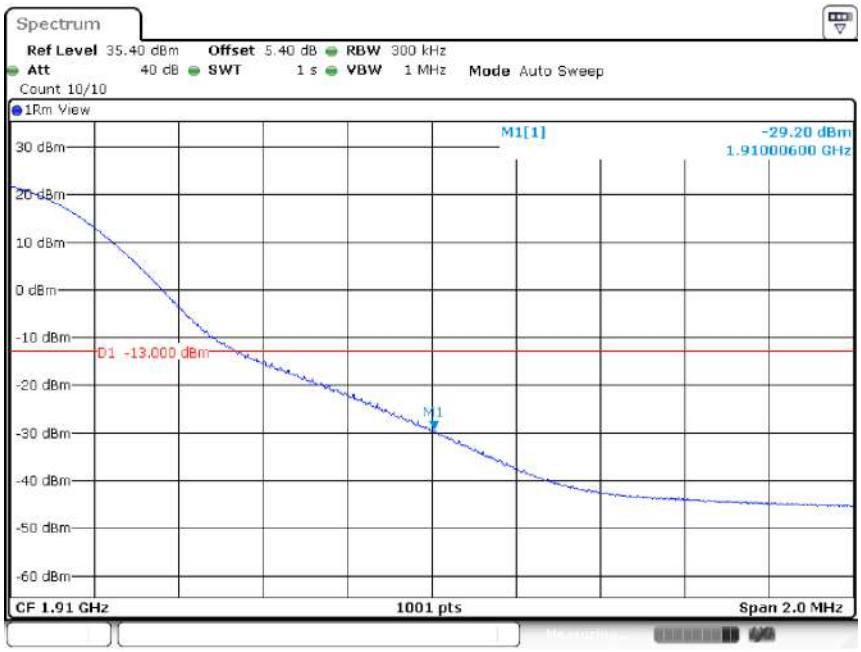
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

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



Date: 14 AUG 2020 22:40:26

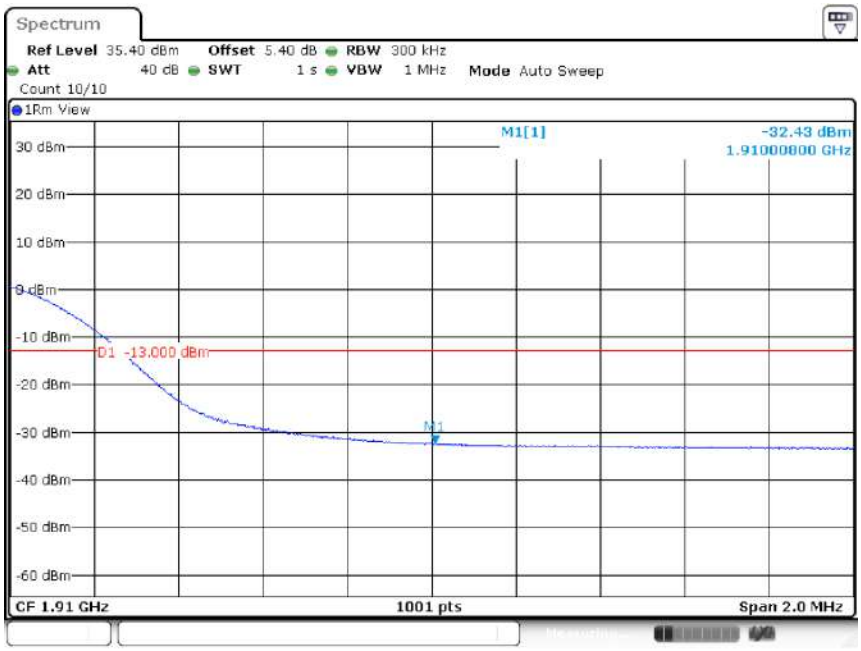
Band2-20MHz-16QAM-19100-1RB#99



Date: 14 AUG 2020 22:38:59

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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: 14 AUG 2020 22:41:09

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

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch Wireless Communication EMC 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)

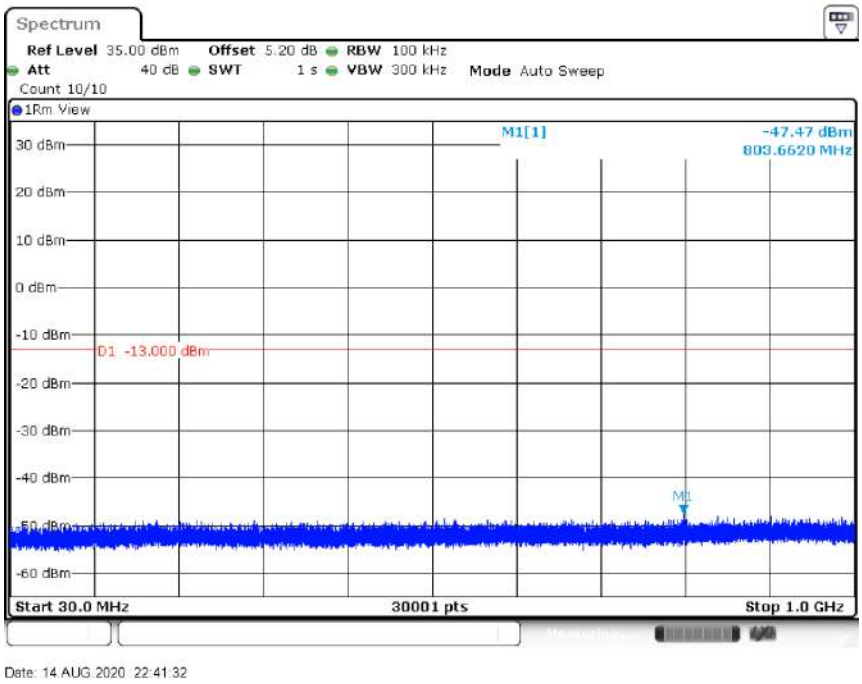
6. Spurious Emission at Antenna Terminal

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 * (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.

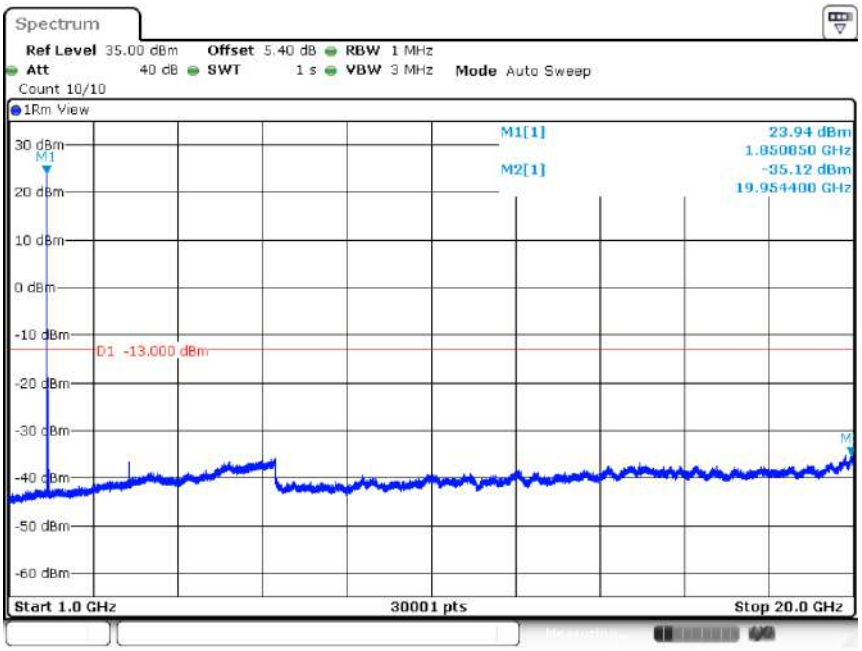
6.1. Test Plots

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



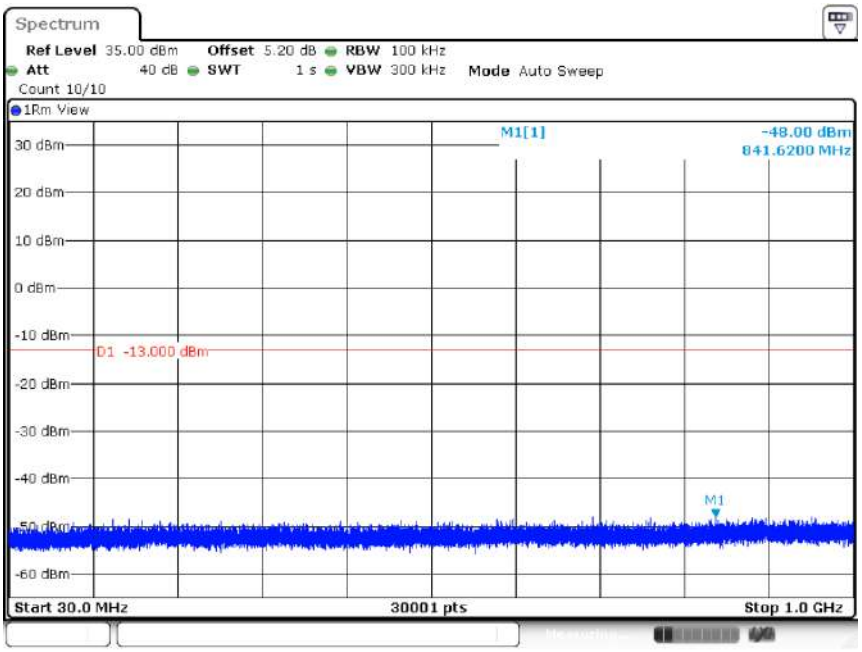
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 14 AUG 2020 22:41:49

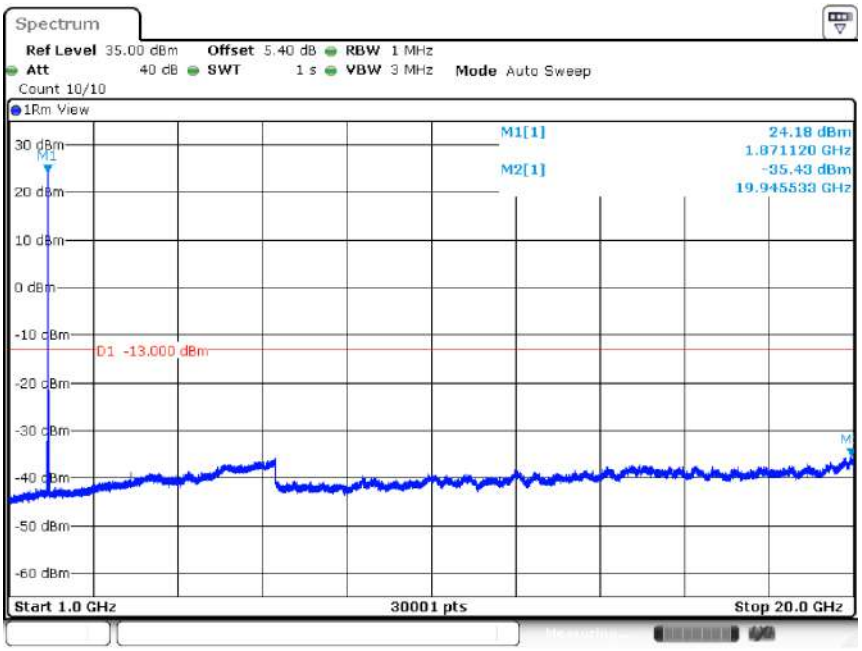
Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



Date: 14 AUG 2020 22:42:44

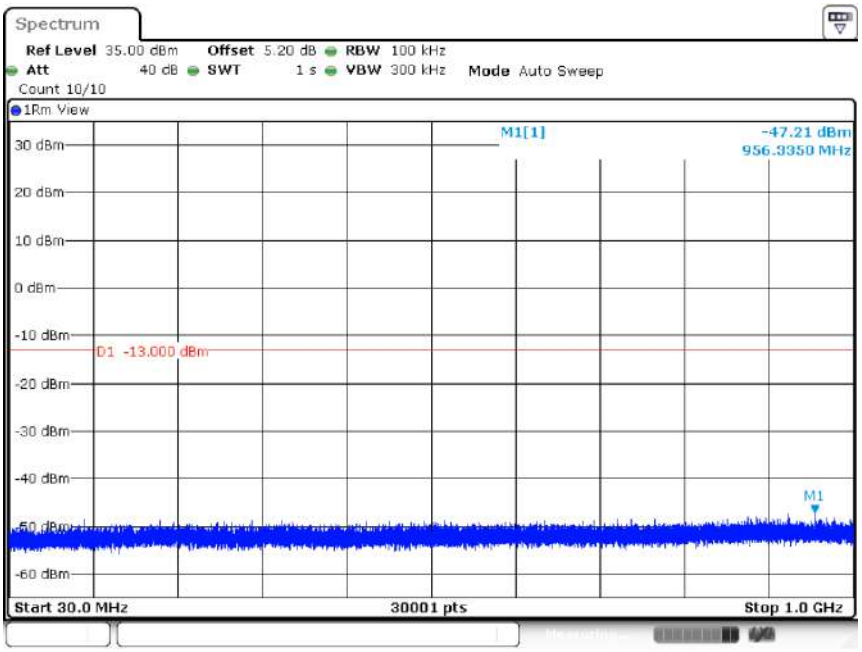
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.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-QPSK-18900-1RB#0-Range2:1000~20000MHz



Date: 14 AUG 2020 22:43:00

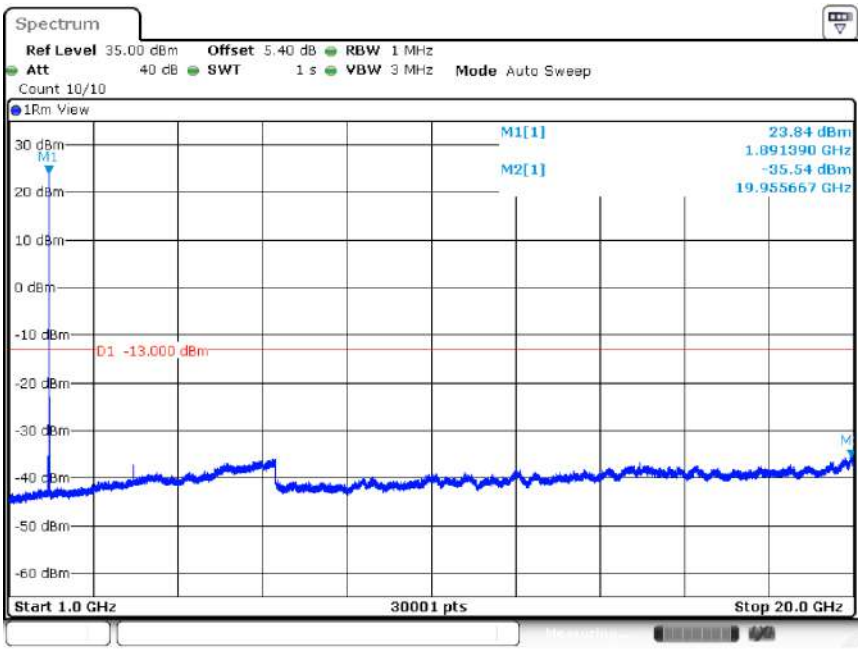
Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



Date: 14 AUG 2020 22:43:55

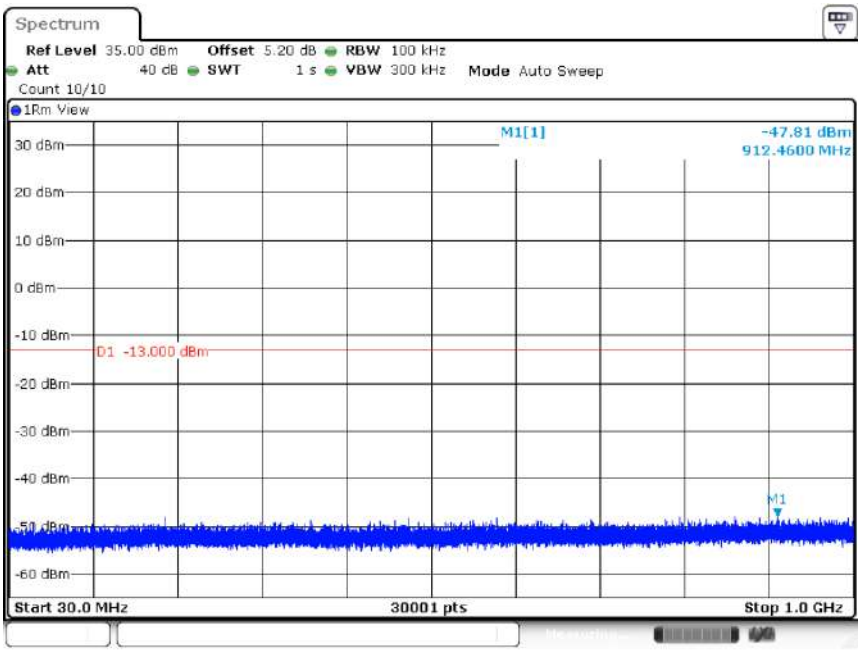
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.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-QPSK-19100-1RB#0-Range2:1000~20000MHz



Date: 14 AUG 2020 22:44:11

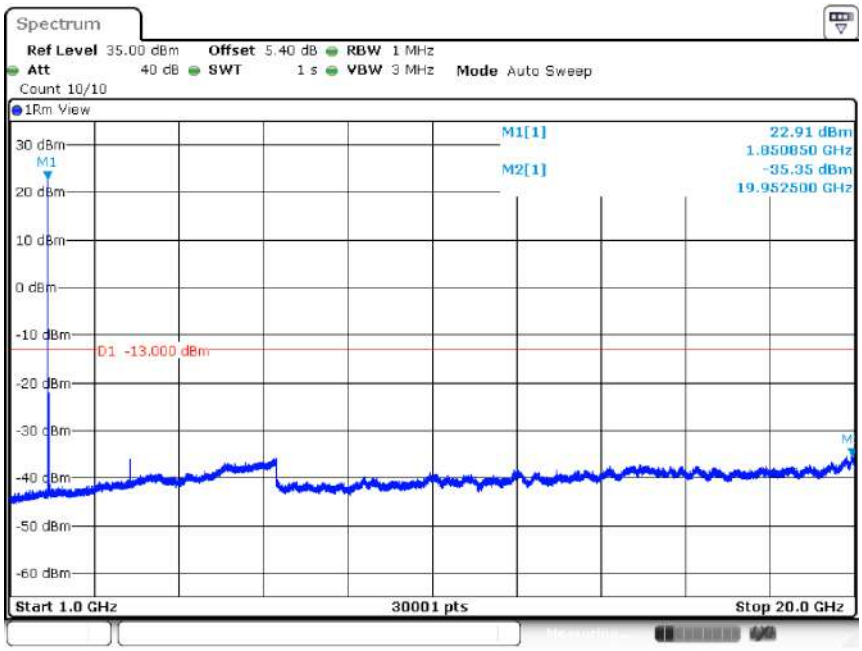
Band2-20MHz-64QAM-18700-1RB#0-Range1:30~1000MHz



Date: 15 AUG 2020 01:44:11

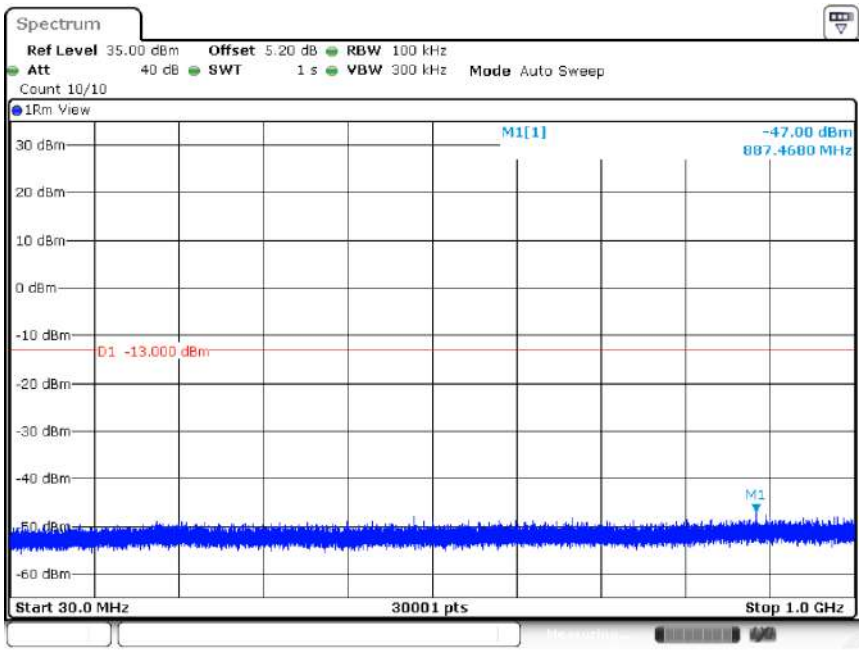
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 15 AUG 2020 01:44:28

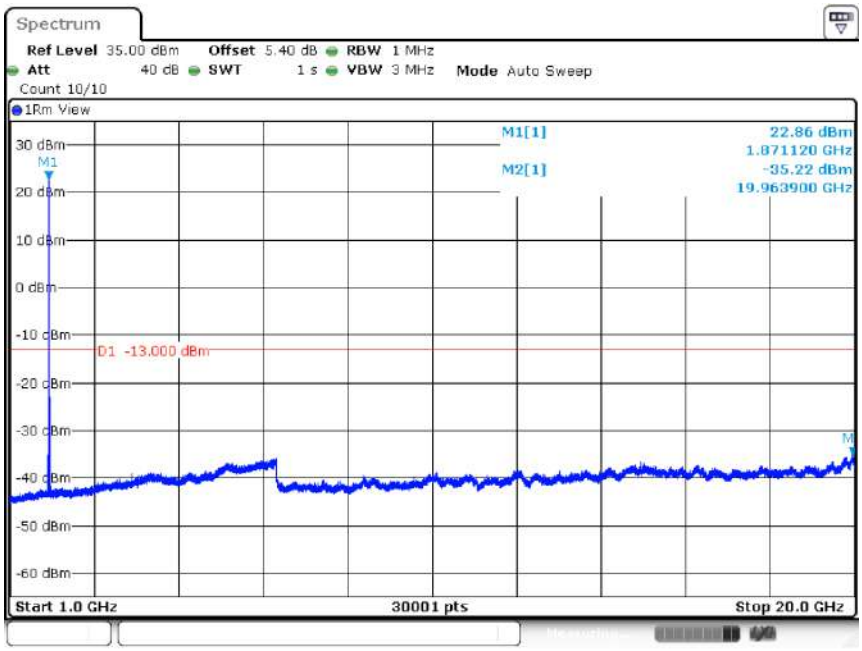
Band2-20MHz-64QAM-18900-1RB#0-Range1:30~1000MHz



Date: 15 AUG 2020 01:44:47

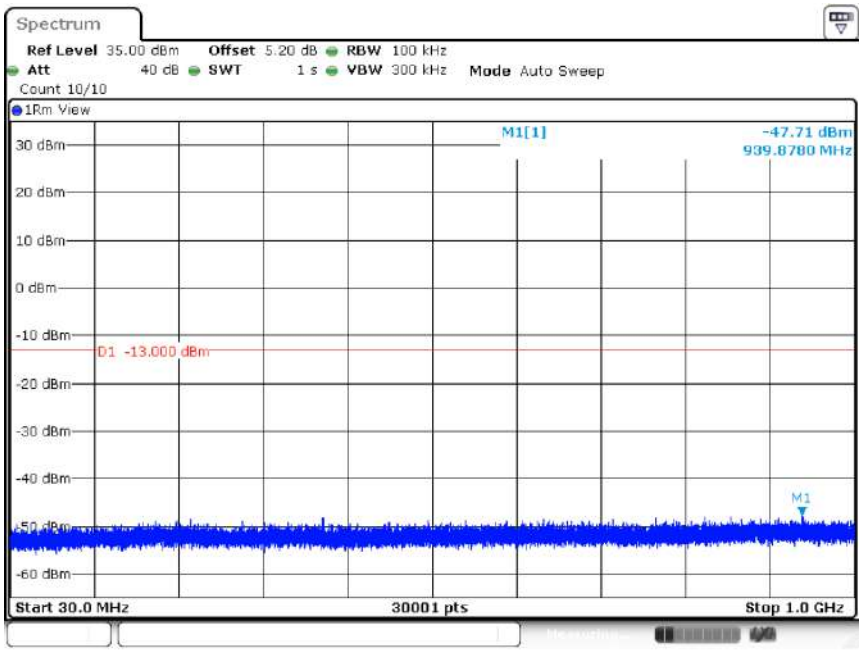
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 15 AUG 2020 01:45:03

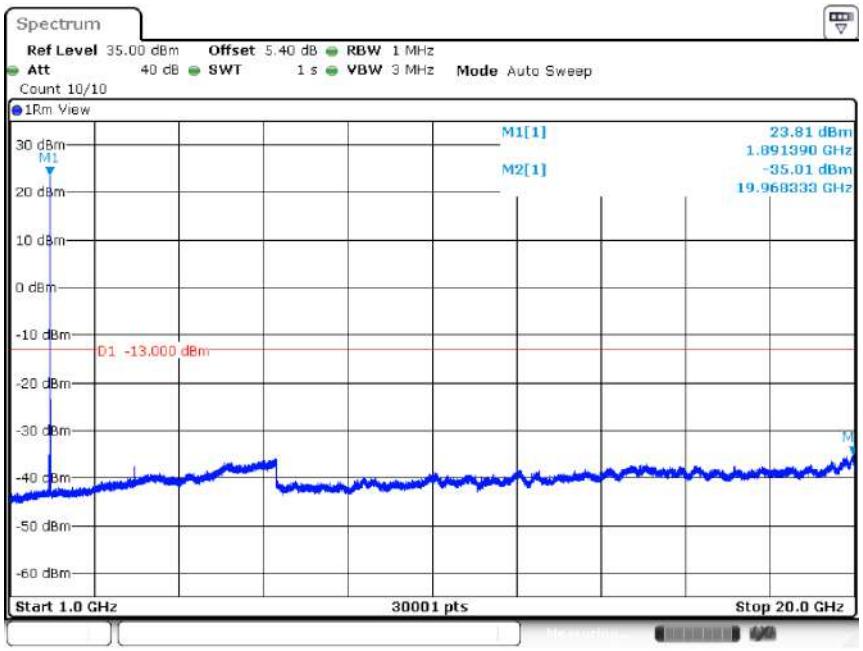
Band2-20MHz-64QAM-19100-1RB#0-Range1:30~1000MHz



Date: 15 AUG 2020 01:45:22

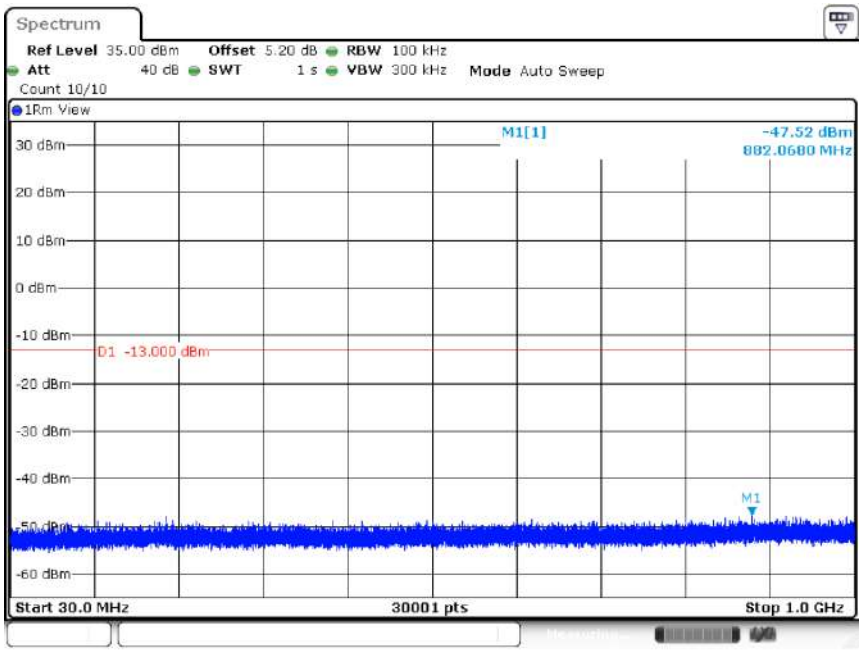
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



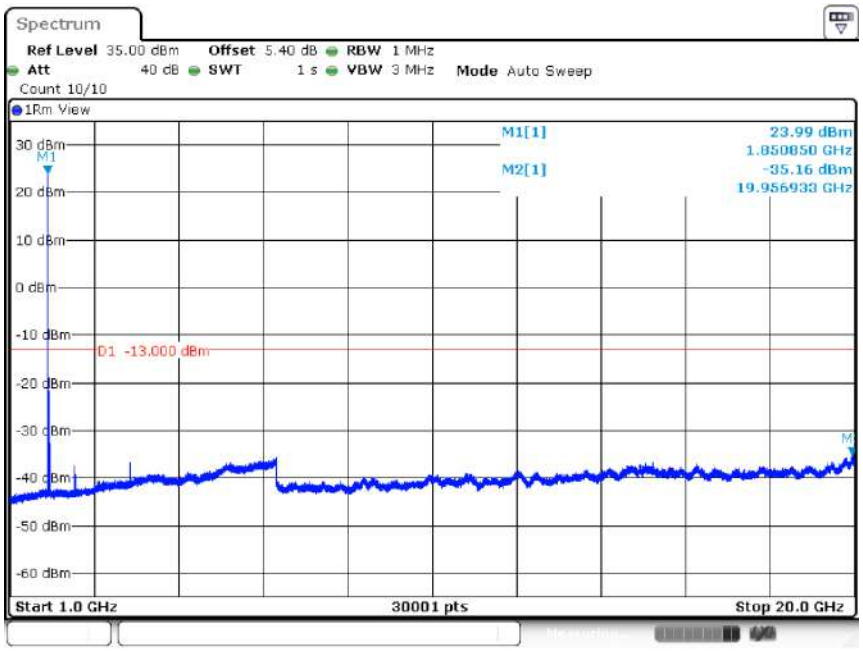
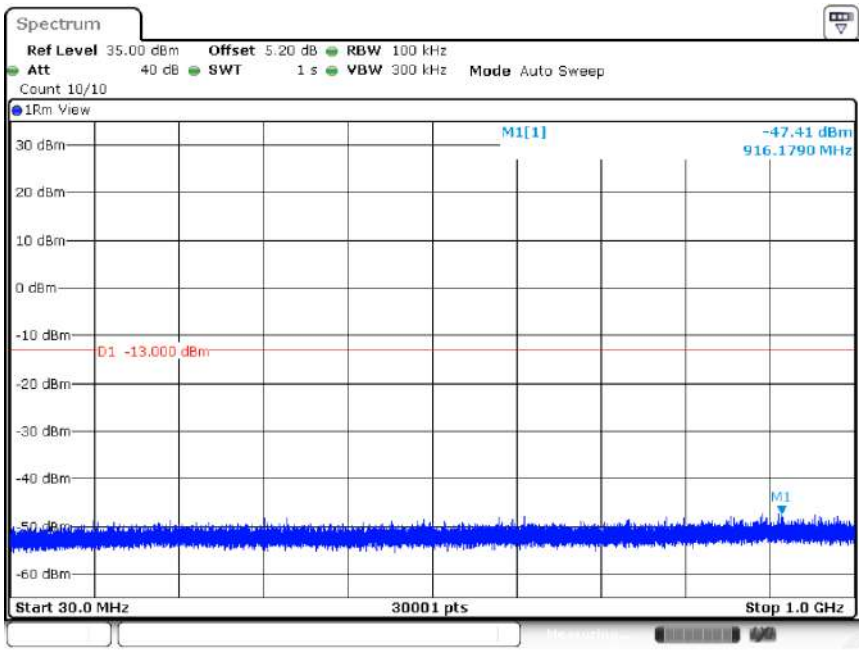
Date: 15 AUG 2020 01:45:39

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



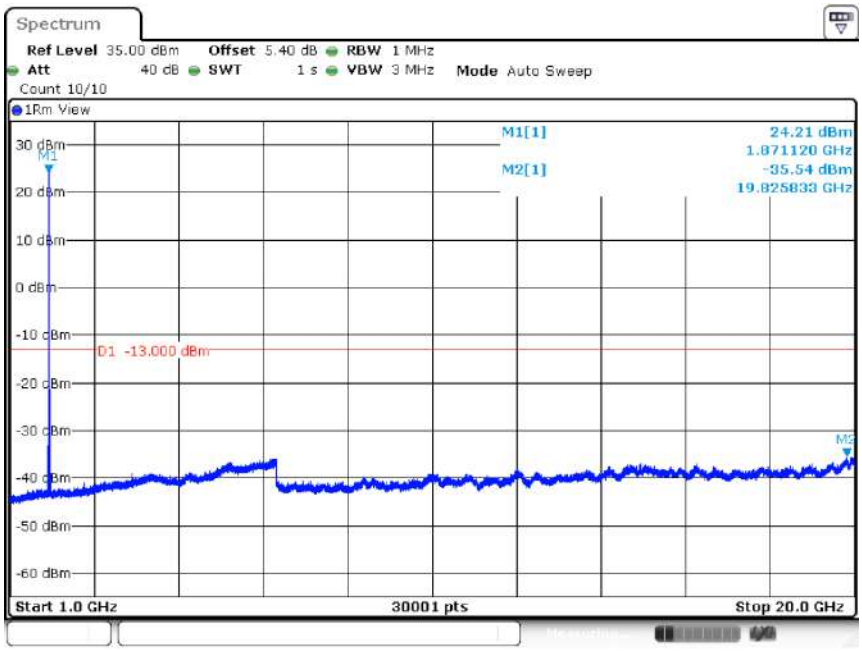
Date: 14 AUG 2020 22:42:08

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.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-18700-1RB#0-Range2:1000~20000MHz

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


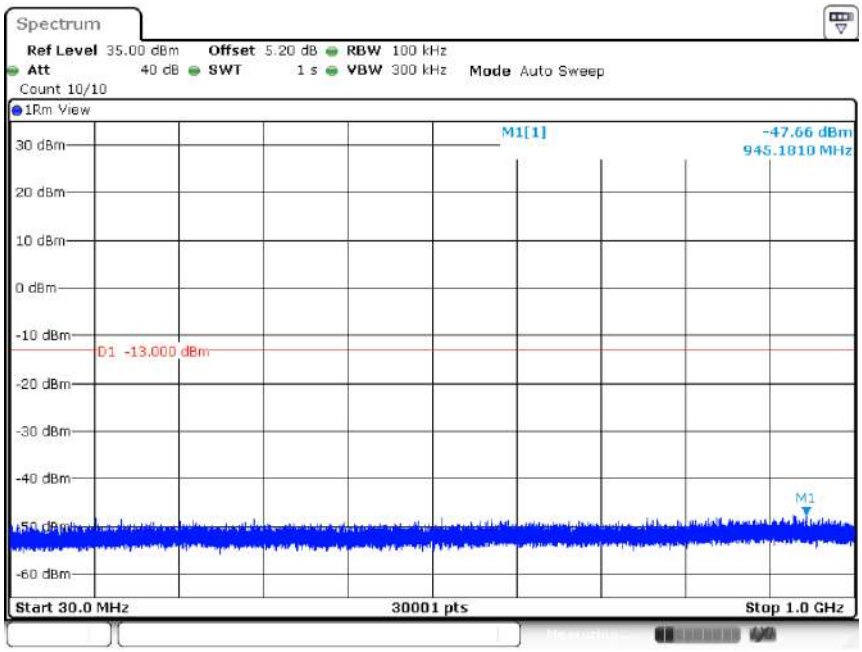
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 14 AUG 2020 22:43:35

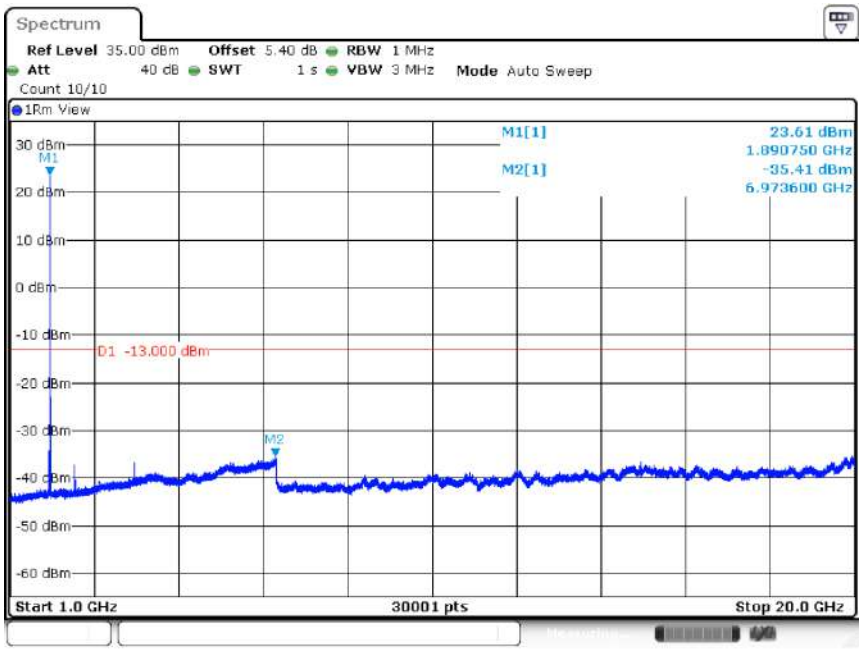
Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz



Date: 14 AUG 2020 22:44:30

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

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



Date: 14 AUG 2020 22:44:46

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
Member of the SGS Group (SGS SA)

7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz(Up Antenna)

7.1.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height (cm)	Angle (°)	Polarization
47.6549	-71.99	-13.00	58.99	241	16	Vertical
112.2116	-65.88	-13.00	52.88	257	16	Vertical
445.9568	-67.27	-13.00	54.27	263	220	Vertical
3702.5234	-59.05	-13.00	46.05	281	220	Vertical
7357.1452	-55.92	-13.00	42.92	247	354	Vertical
17999.0000	-40.27	-13.00	27.27	259	50	Vertical
44.7447	-63.82	-13.00	50.82	187	351	Horizontal
242.3436	-68.40	-13.00	55.40	165	108	Horizontal
832.9091	-57.12	-13.00	44.12	184	147	Horizontal
3702.0234	-51.21	-13.00	38.21	162	317	Horizontal
7472.6491	-56.10	-13.00	43.10	187	250	Horizontal
16386.4462	-43.81	-13.00	30.81	196	108	Horizontal

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height (cm)	Angle (°)	Polarization
49.2070	-72.35	-13.00	59.35	241	43	Vertical
110.2230	-64.43	-13.00	51.43	258	276	Vertical
833.5397	-54.47	-13.00	41.47	263	175	Vertical
3742.0247	-60.35	-13.00	47.35	284	212	Vertical
7388.1463	-56.21	-13.00	43.21	224	348	Vertical
17999.0000	-39.40	-13.00	26.40	259	244	Vertical
37.9059	-64.52	-13.00	51.52	198	126	Horizontal
230.7515	-68.03	-13.00	55.03	175	261	Horizontal
833.4427	-56.33	-13.00	43.33	163	24	Horizontal
3742.0247	-54.30	-13.00	41.30	187	59	Horizontal
7358.6453	-56.78	-13.00	43.78	159	293	Horizontal
16389.4463	-44.17	-13.00	31.17	162	229	Horizontal

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

7.1.3.Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height (cm)	Angle (°)	Polarization
49.5465	-72.04	-13.00	59.04	241	120	Vertical
112.8421	-64.96	-13.00	51.96	158	253	Vertical
592.8221	-63.30	-13.00	50.30	241	39	Vertical
3782.0261	-57.39	-13.00	44.39	265	152	Vertical
7363.1454	-56.14	-13.00	43.14	187	220	Vertical
17997.9999	-40.26	-13.00	27.26	159	253	Vertical
43.6777	-64.63	-13.00	51.63	224	351	Horizontal
86.5053	-75.78	-13.00	62.78	251	119	Horizontal
248.9399	-68.65	-13.00	55.65	263	185	Horizontal
3782.0261	-52.18	-13.00	39.18	287	48	Horizontal
7420.1473	-56.71	-13.00	43.71	221	152	Horizontal
16391.9464	-43.80	-13.00	30.80	259	16	Horizontal

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

7.2. Test Mode =LTE/TM1 20MHz(Down Antenna)

7.2.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height (cm)	Angle (°)	Polarization
108.4284	-65.40	-13.00	52.40	263	167	Vertical
2703.1406	-37.78	-13.00	24.78	222	96	Vertical
3702.0234	-59.96	-13.00	46.96	284	8	Vertical
5553.5851	-59.52	-13.00	46.52	296	198	Vertical
14390.3797	-49.08	-13.00	36.08	233	71	Vertical
17691.9897	-45.10	-13.00	32.10	269	262	Vertical
44.8902	-64.32	-13.00	51.32	175	134	Horizontal
531.9516	-64.27	-13.00	51.27	155	134	Horizontal
2699.5399	-36.64	-13.00	23.64	125	284	Horizontal
3702.0234	-56.26	-13.00	43.26	136	324	Horizontal
5553.5851	-58.45	-13.00	45.45	198	166	Horizontal
16397.9466	-44.20	-13.00	31.20	162	324	Horizontal

7.2.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height (cm)	Angle (°)	Polarization
111.5326	-65.66	-13.00	52.66	196	167	Vertical
746.2353	-61.98	-13.00	48.98	222	71	Vertical
2698.3397	-37.78	-13.00	24.78	263	212	Vertical
3742.0247	-59.79	-13.00	46.79	237	167	Vertical
14419.3806	-47.88	-13.00	34.88	284	325	Vertical
17999.0000	-40.01	-13.00	27.01	219	135	Vertical
39.9430	-64.49	-13.00	51.49	185	39	Horizontal
245.8843	-68.50	-13.00	55.50	111	198	Horizontal
2704.7409	-36.74	-13.00	23.74	129	343	Horizontal
3742.0247	-54.38	-13.00	41.38	206	8	Horizontal
10587.7529	-52.06	-13.00	39.06	211	8	Horizontal
16400.9467	-43.84	-13.00	30.84	197	103	Horizontal

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

7.2.3.Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height (cm)	Angle (°)	Polarization
102.8506	-66.81	-13.00	53.81	185	228	Vertical
629.2475	-63.60	-13.00	50.60	296	6	Vertical
2700.3401	-37.73	-13.00	24.73	228	96	Vertical
3782.5261	-60.63	-13.00	47.63	177	323	Vertical
14478.8826	-47.74	-13.00	34.74	263	6	Vertical
17995.4999	-40.48	-13.00	27.48	278	6	Vertical
40.0885	-63.49	-13.00	50.49	196	293	Horizontal
230.3150	-67.80	-13.00	54.80	111	41	Horizontal
2696.3393	-36.62	-13.00	23.62	136	199	Horizontal
3782.0261	-55.30	-13.00	42.30	128	199	Horizontal
9295.2098	-52.92	-13.00	39.92	173	293	Horizontal
16394.9465	-44.07	-13.00	31.07	188	167	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.

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
Member of the SGS Group (SGS SA)

8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	1.90	0.001022	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	4.00	0.002151	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	3.90	0.002097	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	0.80	0.000426	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	4.20	0.002234	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	3.60	0.001915	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-1.10	-0.000579	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-3.40	-0.001789	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-3.10	-0.001632	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VL	NT	2.90	0.001559	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VN	NT	0.70	0.000376	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VH	NT	4.70	0.002527	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VL	NT	0.00	0.000000	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VN	NT	2.40	0.001277	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VH	NT	1.30	0.000691	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VL	NT	1.30	0.000684	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VN	NT	-2.30	-0.001211	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VH	NT	-4.30	-0.002263	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	2.30	0.001237	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	2.60	0.001398	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	2.50	0.001344	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	2.90	0.001543	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	0.10	0.000053	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	0.20	0.000106	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-1.70	-0.000895	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-1.90	-0.001000	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-2.10	-0.001105	±2.5	PASS

8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict

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

Band2	20MHz	QPSK	18700	100RB#0	NV	-30	3.90	0.002097	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	1.20	0.000645	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	2.40	0.001290	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	2.40	0.001290	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	2.30	0.001237	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	2.80	0.001505	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	5.60	0.003011	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	4.20	0.002258	±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	2.50	0.001330	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	1.80	0.000957	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	2.60	0.001383	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	0.90	0.000479	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	3.10	0.001649	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	0.50	0.000266	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	1.00	0.000532	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-0.40	-0.000211	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-2.90	-0.001526	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-2.90	-0.001526	±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	20	-2.80	-0.001474	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-3.30	-0.001737	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-4.60	-0.002421	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-0.20	-0.000105	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-30	4.40	0.002366	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-20	1.40	0.000753	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	0	2.40	0.001290	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	10	3.20	0.001720	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	20	1.00	0.000538	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	30	1.90	0.001022	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	40	1.10	0.000591	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	50	2.40	0.001290	±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	0.60	0.000319	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	0	3.90	0.002074	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	10	2.10	0.001117	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	20	2.10	0.001117	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	30	0.50	0.000266	±2.5	PASS

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

Band2	20MHz	64QAM	18900	100RB#0	NV	40	2.10	0.001117	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	50	2.70	0.001436	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-30	-2.50	-0.001316	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-20	-4.50	-0.002368	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	0	-4.20	-0.002211	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	10	0.60	0.000316	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	20	-3.50	-0.001842	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	30	-4.70	-0.002474	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	40	0.20	0.000105	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	50	-2.20	-0.001158	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	4.30	0.002312	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	1.10	0.000591	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	1.50	0.000806	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	3.00	0.001613	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	3.90	0.002097	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	3.60	0.001935	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	3.50	0.001882	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	1.80	0.000968	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	0.20	0.000106	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	2.10	0.001117	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	1.00	0.000532	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	0.70	0.000372	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	2.70	0.001436	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	-0.70	-0.000372	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	1.00	0.000532	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	0.10	0.000053	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-2.60	-0.001368	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-3.30	-0.001737	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-5.30	-0.002789	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-4.60	-0.002421	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-0.50	-0.000263	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-1.60	-0.000842	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	-5.20	-0.002737	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-1.50	-0.000789	±2.5	PASS

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