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
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)

CONTENT

1 EFFECTIVE (ISOTROPIC) RADIATED POWER 4

1.1. TEST RESULT 4

2. PEAK-TO-AVERAGE RATIO (CCDF) 15

2.1. TEST RESULT 15

2.2. TEST PLOTS 15

3. MODULATION CHARACTERISTICS 20

3.1. TEST MODE = LTE /TM1 20MHZ 20

3.1.1. TEST CHANNEL = MCH 20

3.2. TEST MODE = LTE /TM2 20MHZ 21

3.2.1. TEST CHANNEL = MCH 21

3.3. TEST MODE = LTE /TM3 20MHZ 22

3.3.1. TEST CHANNEL = MCH 22

4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH 23

4.1. TEST RESULT 23

4.2. TEST PLOTS 25

5. BAND EDGE COMPLIANCE 52

5.1. TEST PLOTS 52

6. SPURIOUS EMISSION AT ANTENNA TERMINAL 89

6.1. TEST PLOTS 89

7. FIELD STRENGTH OF SPURIOUS RADIATION 99

7.1. TEST MODE =LTE_B2 TM1 20MHZ 99

7.1.1. TEST CHANNEL = LCH_HORIZONTAL 99

7.1.2. TEST CHANNEL = LCH_VERTICAL 99

7.1.3. TEST CHANNEL = MCH_HORIZONTAL 100

7.1.4. TEST CHANNEL = MCH_VERTICAL 100

7.1.5. TEST CHANNEL = HCH_HORIZONTAL 101

7.1.6. TEST CHANNEL = HCH_VERTICAL 101

8. FREQUENCY STABILITY 102

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

8.1. FREQUENCY VS VOLTAGE 102

8.2. FREQUENCY VS TEMPERATURE 102

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

1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	21.15	22.48	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	21.23	22.56	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	21.20	22.53	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	21.15	22.48	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	21.15	22.48	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	21.17	22.50	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	20.30	21.63	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	21.34	22.67	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	21.31	22.64	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	21.35	22.68	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	21.33	22.66	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	21.32	22.65	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	21.22	22.55	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	20.27	21.60	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	21.34	22.67	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	21.52	22.85	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	21.51	22.84	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	21.48	22.81	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	21.44	22.77	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	21.59	22.92	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	20.47	21.80	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	20.32	21.65	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	20.57	21.90	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	20.68	22.01	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	20.23	21.56	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	20.34	21.67	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	20.39	21.72	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	19.36	20.69	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	20.34	21.67	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	20.69	22.02	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	20.55	21.88	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	20.47	21.80	33.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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	18900	3RB#1	20.33	21.66	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	20.51	21.84	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	19.55	20.88	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	20.64	21.97	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.00	22.33	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	20.97	22.30	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	20.45	21.78	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	20.37	21.70	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	20.65	21.98	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	19.68	21.01	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	19.03	20.36	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	19.27	20.60	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	19.55	20.88	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#0	19.02	20.35	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#1	19.19	20.52	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#3	19.09	20.42	33.00	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	18.15	19.48	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	19.17	20.50	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	19.43	20.76	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	19.27	20.60	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#0	19.27	20.60	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#1	19.17	20.50	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#3	19.27	20.60	33.00	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	18.28	19.61	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	19.39	20.72	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	19.72	21.05	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	19.86	21.19	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#0	19.31	20.64	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#1	19.19	20.52	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#3	19.49	20.82	33.00	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	18.56	19.89	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	21.13	22.46	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	21.22	22.55	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	21.03	22.36	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#0	20.40	21.73	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#4	20.29	21.62	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#7	20.32	21.65	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	20.18	21.51	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	3MHz	QPSK	18900	1RB#0	21.37	22.70	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	21.40	22.73	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	21.35	22.68	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#0	20.35	21.68	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#4	20.41	21.74	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#7	20.44	21.77	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	20.41	21.74	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	21.50	22.83	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	21.67	23.00	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	21.57	22.90	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#0	20.58	21.91	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#4	20.76	22.09	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#7	20.62	21.95	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	20.59	21.92	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	20.90	22.23	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	20.89	22.22	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	20.44	21.77	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#0	19.30	20.63	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#4	19.37	20.70	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#7	19.43	20.76	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	19.24	20.57	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	20.78	22.11	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	20.65	21.98	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	20.52	21.85	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#0	19.40	20.73	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#4	19.46	20.79	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#7	19.48	20.81	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	19.57	20.90	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	20.68	22.01	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	20.63	21.96	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	20.90	22.23	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#0	19.57	20.90	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#4	19.83	21.16	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#7	19.64	20.97	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	19.58	20.91	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#0	19.77	21.10	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#8	19.67	21.00	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#14	19.19	20.52	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	3MHz	64QAM	18615	8RB#0	18.16	19.49	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#4	18.19	19.52	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#7	18.14	19.47	33.00	PASS
Band2	3MHz	64QAM	18615	15RB#0	18.04	19.37	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#0	19.57	20.90	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#8	19.98	21.31	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#14	19.32	20.65	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#0	18.20	19.53	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#4	18.20	19.53	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#7	18.33	19.66	33.00	PASS
Band2	3MHz	64QAM	18900	15RB#0	18.40	19.73	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#0	19.51	20.84	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#8	19.42	20.75	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#14	19.74	21.07	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#0	18.28	19.61	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#4	18.68	20.01	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#7	18.51	19.84	33.00	PASS
Band2	3MHz	64QAM	19185	15RB#0	18.42	19.75	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	21.21	22.54	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	21.07	22.40	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	21.28	22.61	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#0	20.26	21.59	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#6	20.17	21.50	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#13	20.29	21.62	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	20.37	21.70	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	21.47	22.80	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	21.46	22.79	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	21.41	22.74	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#0	20.31	21.64	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#6	20.57	21.90	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#13	20.48	21.81	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	20.48	21.81	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	21.62	22.95	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	21.74	23.07	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	21.53	22.86	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#0	20.68	22.01	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#6	20.66	21.99	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#13	20.48	21.81	33.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.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	20.59	21.92	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	20.91	22.24	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	20.75	22.08	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	20.71	22.04	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#0	19.37	20.70	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#6	19.30	20.63	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#13	19.19	20.52	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	19.28	20.61	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	20.91	22.24	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	20.86	22.19	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	20.52	21.85	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#0	19.52	20.85	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#6	19.65	20.98	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#13	19.45	20.78	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	19.52	20.85	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	20.87	22.20	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	20.88	22.21	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	20.89	22.22	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#0	19.62	20.95	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#6	19.69	21.02	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#13	19.52	20.85	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	19.56	20.89	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#0	19.67	21.00	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#12	19.77	21.10	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#24	19.26	20.59	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#0	18.02	19.35	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#6	18.16	19.49	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#13	18.33	19.66	33.00	PASS
Band2	5MHz	64QAM	18625	25RB#0	17.96	19.29	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#0	19.56	20.89	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#12	19.87	21.20	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#24	19.33	20.66	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#0	18.16	19.49	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#6	18.32	19.65	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#13	18.34	19.67	33.00	PASS
Band2	5MHz	64QAM	18900	25RB#0	18.36	19.69	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#0	19.40	20.73	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#12	19.41	20.74	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	64QAM	19175	1RB#24	19.66	20.99	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#0	18.33	19.66	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#6	18.56	19.89	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#13	18.46	19.79	33.00	PASS
Band2	5MHz	64QAM	19175	25RB#0	18.32	19.65	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	21.05	22.38	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	21.17	22.50	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	21.02	22.35	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#0	20.09	21.42	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#12	20.02	21.35	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#25	20.15	21.48	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	20.03	21.36	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	21.12	22.45	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	21.47	22.80	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	21.18	22.51	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#0	20.05	21.38	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#12	20.03	21.36	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#25	20.05	21.38	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	20.08	21.41	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	21.25	22.58	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	21.20	22.53	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	21.11	22.44	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#0	20.25	21.58	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#12	20.24	21.57	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#25	20.08	21.41	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	20.28	21.61	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	20.64	21.97	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	20.60	21.93	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	20.02	21.35	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#0	19.17	20.50	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#12	19.57	20.90	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#25	19.57	20.90	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	19.04	20.37	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	20.85	22.18	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	20.13	21.46	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	20.27	21.60	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#0	19.27	20.60	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#12	19.00	20.33	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	10MHz	16QAM	18900	25RB#25	19.57	20.90	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	19.00	20.33	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	20.67	22.00	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	20.19	21.52	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	20.38	21.71	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#0	19.24	20.57	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#12	19.24	20.57	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#25	19.11	20.44	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	19.27	20.60	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#0	19.86	21.19	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#24	19.81	21.14	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#49	19.44	20.77	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#0	18.37	19.70	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#12	18.33	19.66	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#25	18.46	19.79	33.00	PASS
Band2	10MHz	64QAM	18650	50RB#0	18.32	19.65	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#0	19.75	21.08	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#24	19.78	21.11	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#49	19.58	20.91	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#0	18.35	19.68	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#12	18.54	19.87	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#25	18.41	19.74	33.00	PASS
Band2	10MHz	64QAM	18900	50RB#0	18.65	19.98	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#0	19.73	21.06	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#24	19.63	20.96	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#49	19.91	21.24	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#0	18.66	19.99	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#12	18.89	20.22	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#25	18.66	19.99	33.00	PASS
Band2	10MHz	64QAM	19150	50RB#0	18.63	19.96	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	21.53	22.86	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	21.38	22.71	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	21.60	22.93	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#0	20.34	21.67	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#18	20.46	21.79	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#37	20.46	21.79	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	20.35	21.68	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	21.74	23.07	33.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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	18900	1RB#38	21.46	22.79	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	21.50	22.83	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#0	20.55	21.88	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#18	20.51	21.84	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#37	20.37	21.70	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	20.34	21.67	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	21.81	23.14	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	21.65	22.98	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	21.65	22.98	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#0	20.88	22.21	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#18	20.71	22.04	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#37	20.65	21.98	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	20.78	22.11	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	20.88	22.21	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	20.96	22.29	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	20.37	21.70	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#0	19.58	20.91	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#18	19.49	20.82	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#37	19.40	20.73	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	19.58	20.91	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	20.36	21.69	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	20.39	21.72	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	20.74	22.07	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#0	19.47	20.80	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#18	19.60	20.93	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#37	19.43	20.76	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	19.38	20.71	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	20.77	22.10	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	20.51	21.84	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	20.69	22.02	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#0	19.86	21.19	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#18	19.65	20.98	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#37	19.68	21.01	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	19.72	21.05	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#0	19.95	21.28	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#38	19.88	21.21	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#74	19.51	20.84	33.00	PASS
Band2	15MHz	64QAM	18675	38RB#0	18.20	19.53	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	18675	38RB#18	18.40	19.73	33.00	PASS
Band2	15MHz	64QAM	18675	38RB#37	18.36	19.69	33.00	PASS
Band2	15MHz	64QAM	18675	75RB#0	18.34	19.67	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#0	19.87	21.20	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#38	19.51	20.84	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#74	19.50	20.83	33.00	PASS
Band2	15MHz	64QAM	18900	38RB#0	18.42	19.75	33.00	PASS
Band2	15MHz	64QAM	18900	38RB#18	18.51	19.84	33.00	PASS
Band2	15MHz	64QAM	18900	38RB#37	18.51	19.84	33.00	PASS
Band2	15MHz	64QAM	18900	75RB#0	18.51	19.84	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#0	19.60	20.93	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#38	19.56	20.89	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#74	19.86	21.19	33.00	PASS
Band2	15MHz	64QAM	19125	38RB#0	18.61	19.94	33.00	PASS
Band2	15MHz	64QAM	19125	38RB#18	18.84	20.17	33.00	PASS
Band2	15MHz	64QAM	19125	38RB#37	18.60	19.93	33.00	PASS
Band2	15MHz	64QAM	19125	75RB#0	18.48	19.81	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	21.65	22.98	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	21.45	22.78	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	21.52	22.85	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#0	20.76	22.09	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#25	20.58	21.91	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#50	20.42	21.75	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	20.46	21.79	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	21.91	23.24	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	21.37	22.70	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	21.54	22.87	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#0	20.56	21.89	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#25	20.64	21.97	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#50	20.55	21.88	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	20.51	21.84	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	21.70	23.03	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	21.47	22.80	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	21.52	22.85	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#0	20.86	22.19	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#25	20.57	21.90	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#50	20.65	21.98	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	20.75	22.08	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#0	20.75	22.08	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	20.81	22.14	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	20.86	22.19	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#0	19.65	20.98	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#25	19.69	21.02	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#50	19.57	20.90	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	19.52	20.85	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	20.85	22.18	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	20.50	21.83	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	20.72	22.05	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#0	19.54	20.87	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#25	19.57	20.90	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#50	19.48	20.81	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	19.54	20.87	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	20.82	22.15	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	20.81	22.14	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	20.74	22.07	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#0	19.68	21.01	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#25	19.83	21.16	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#50	19.56	20.89	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	19.56	20.89	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#0	19.61	20.94	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#49	19.79	21.12	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#99	19.31	20.64	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#0	18.20	19.53	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#25	18.22	19.55	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#50	18.23	19.56	33.00	PASS
Band2	20MHz	64QAM	18700	100RB#0	18.11	19.44	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#0	19.61	20.94	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#49	19.91	21.24	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#99	19.39	20.72	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#0	18.13	19.46	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#25	18.21	19.54	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#50	18.30	19.63	33.00	PASS
Band2	20MHz	64QAM	18900	100RB#0	18.41	19.74	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#0	19.40	20.73	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#49	19.38	20.71	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#99	19.68	21.01	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	64QAM	19100	50RB#0	18.31	19.64	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#25	18.67	20.00	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#50	18.51	19.84	33.00	PASS
Band2	20MHz	64QAM	19100	100RB#0	18.32	19.65	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)

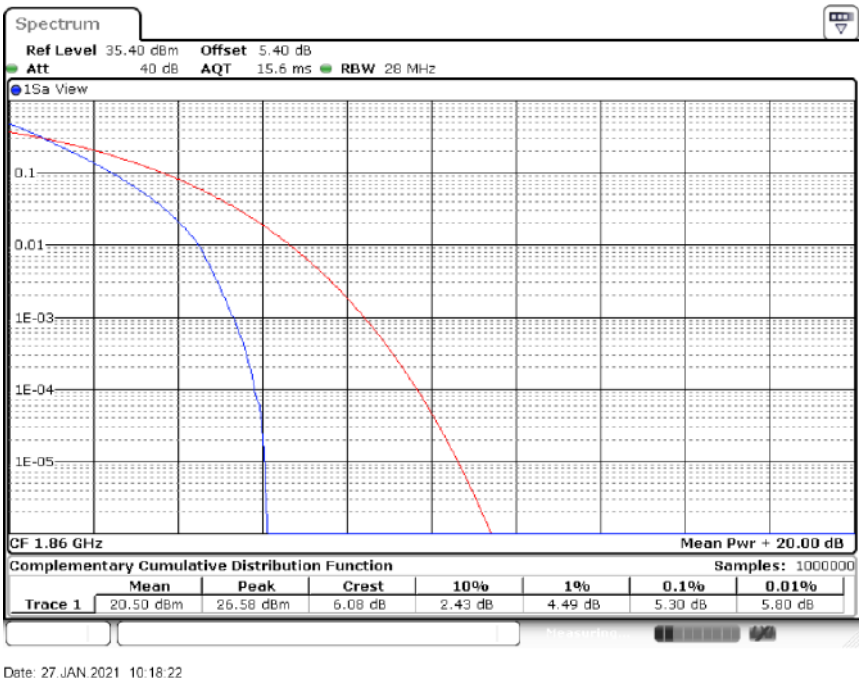
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	5.30	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.19	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	6.12	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.20	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.17	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.12	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.20	13	PASS

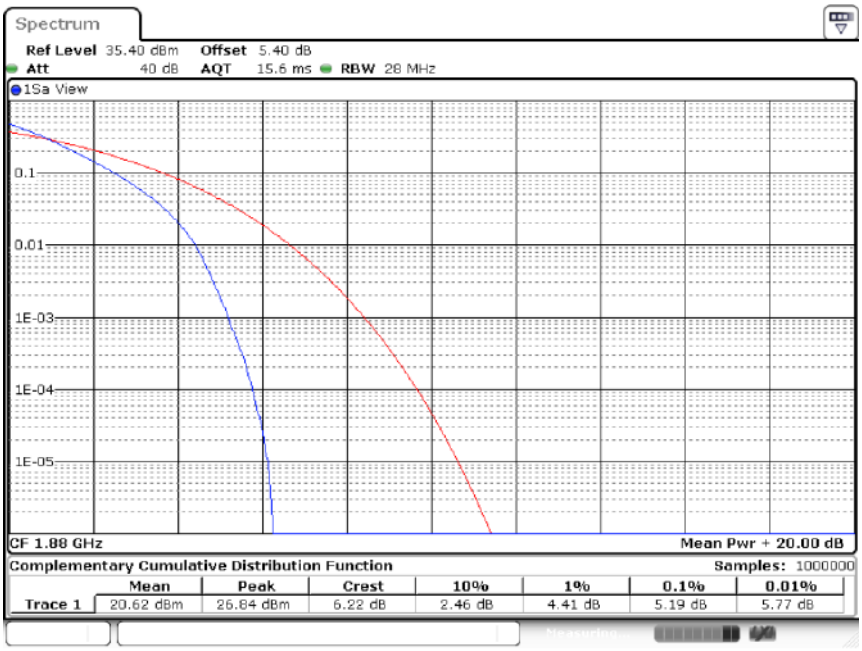
2.2. Test Plots

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



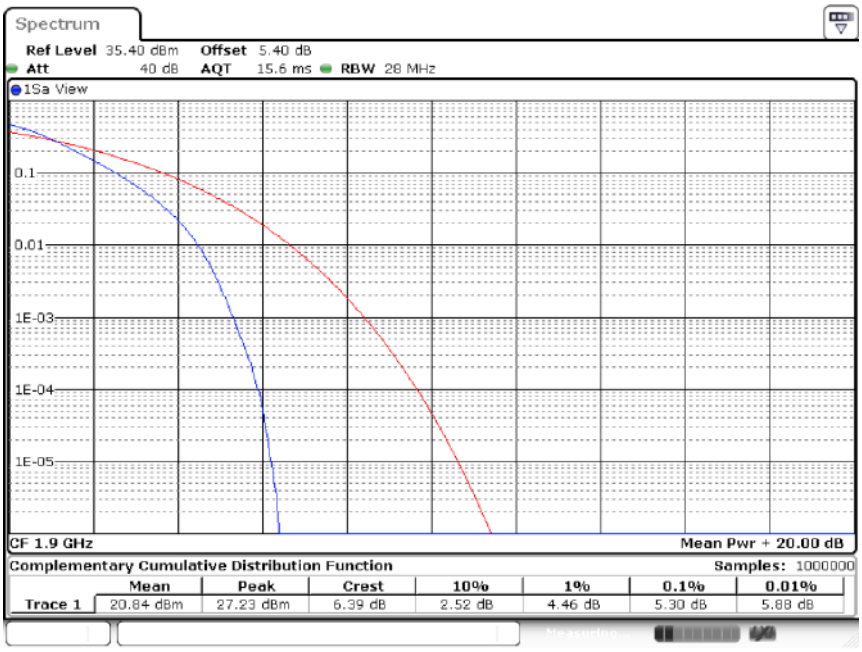
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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: 27.JAN.2021 10:18:44

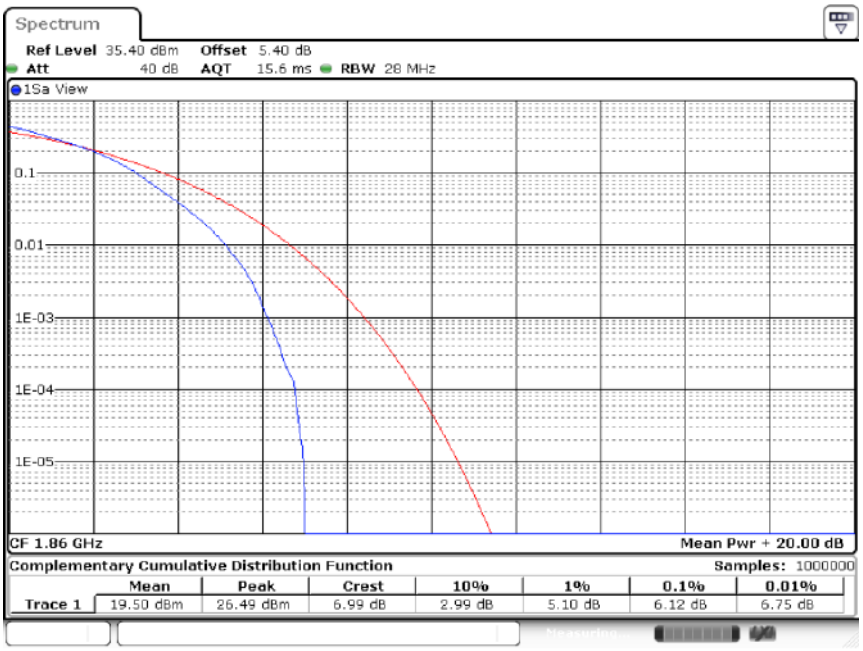
Band2-20MHz-QPSK-19100-100RB#0



Date: 27.JAN.2021 10:19:07

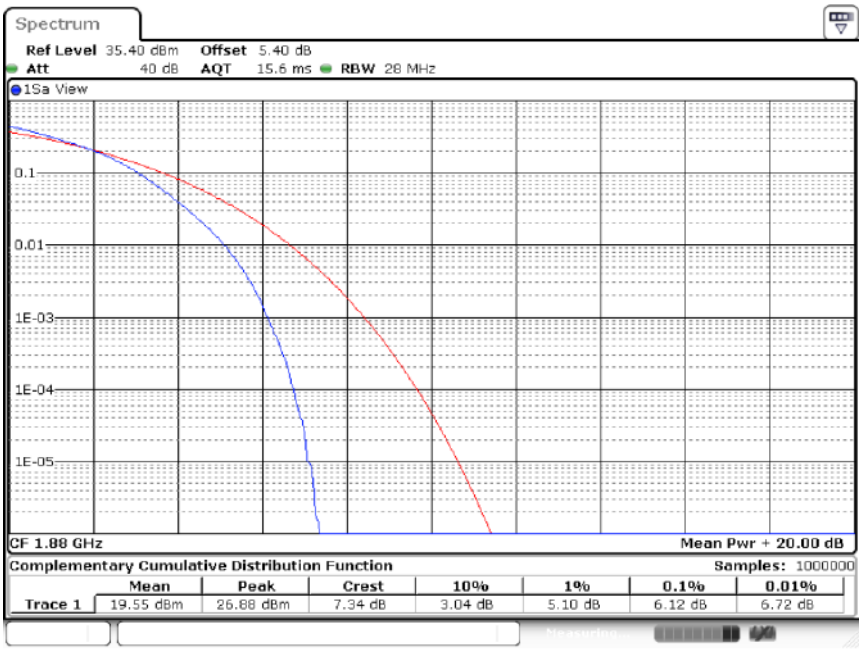
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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-18700-100RB#0



Date: 27.JAN.2021 12:43:40

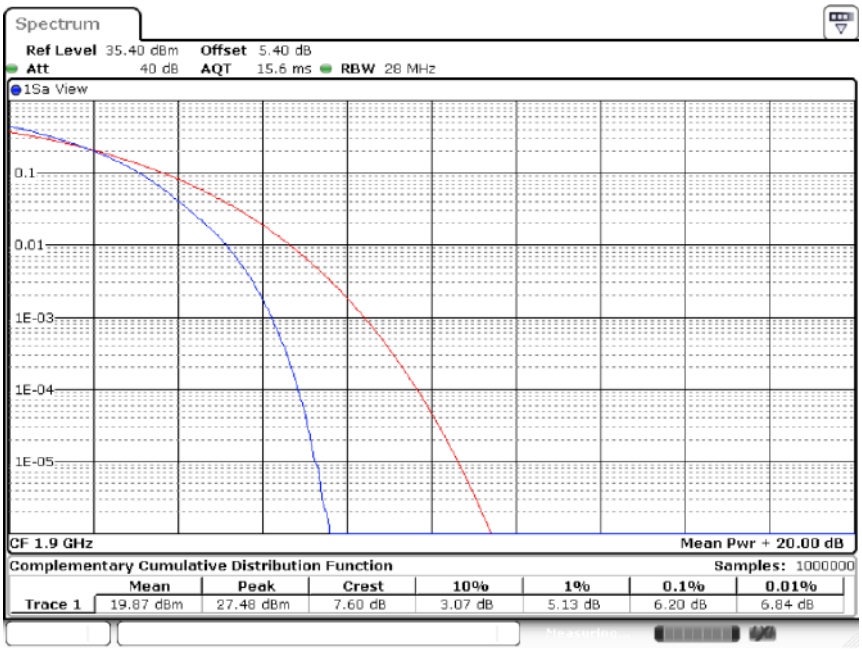
Band2-20MHz-64QAM-18900-100RB#0



Date: 27.JAN.2021 12:43:51

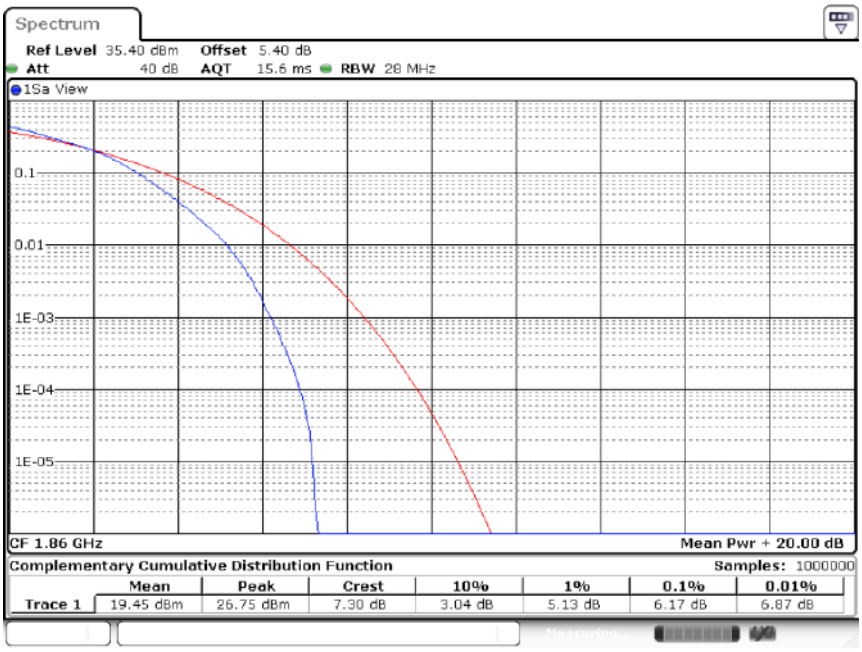
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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: 27.JAN.2021 12:44:03

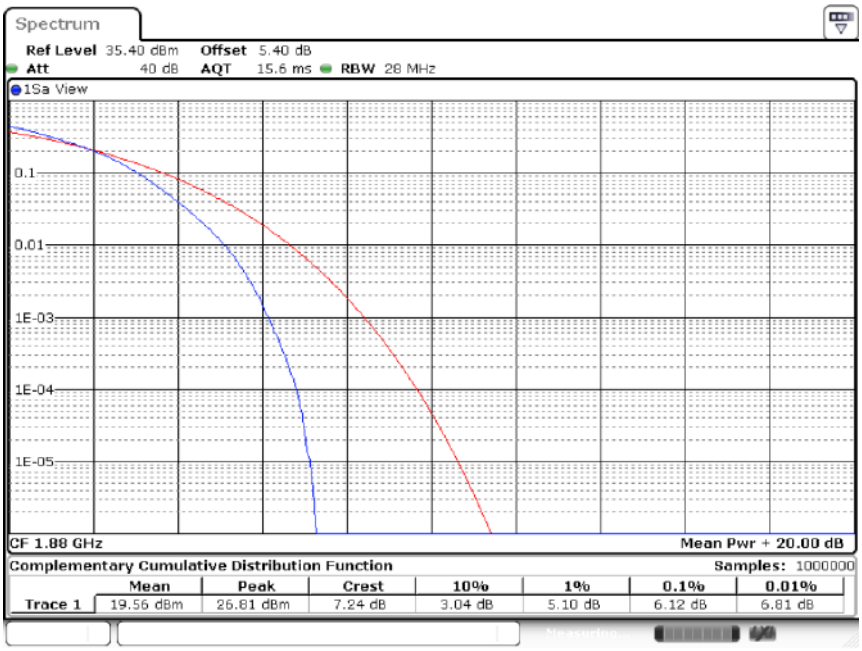
Band2-20MHz-16QAM-18700-100RB#0



Date: 27.JAN.2021 10:18:33

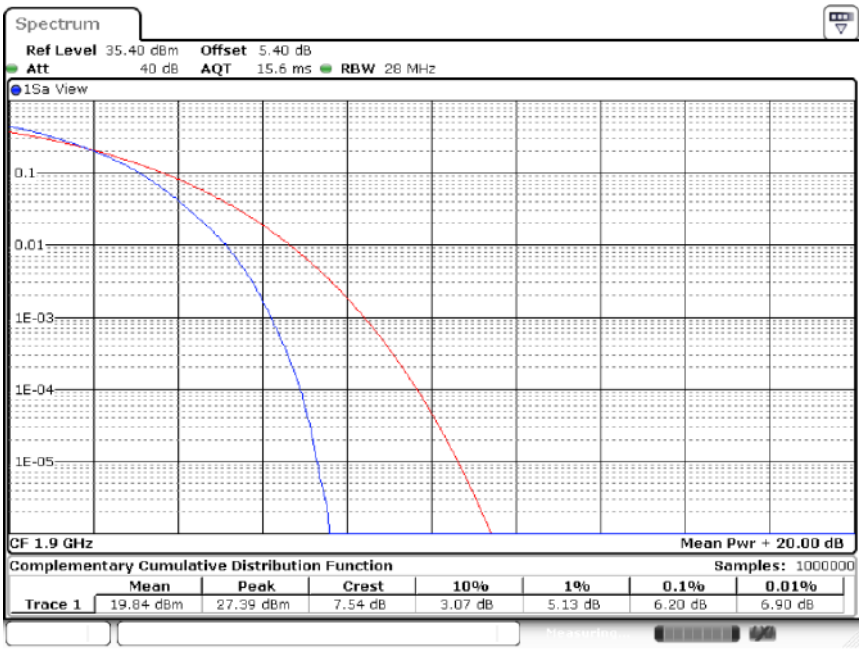
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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
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: 27.JAN.2021 10:18:55

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



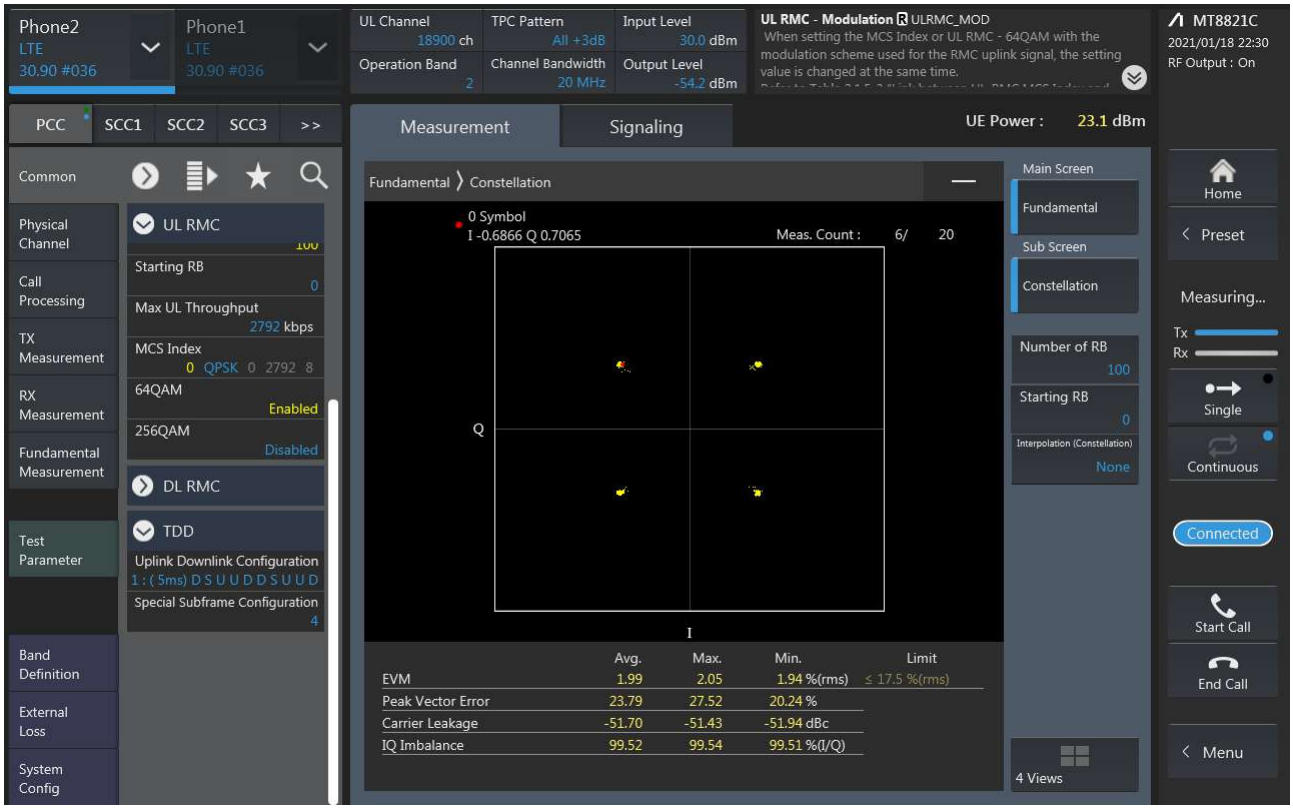
Date: 27.JAN.2021 10:19:18

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

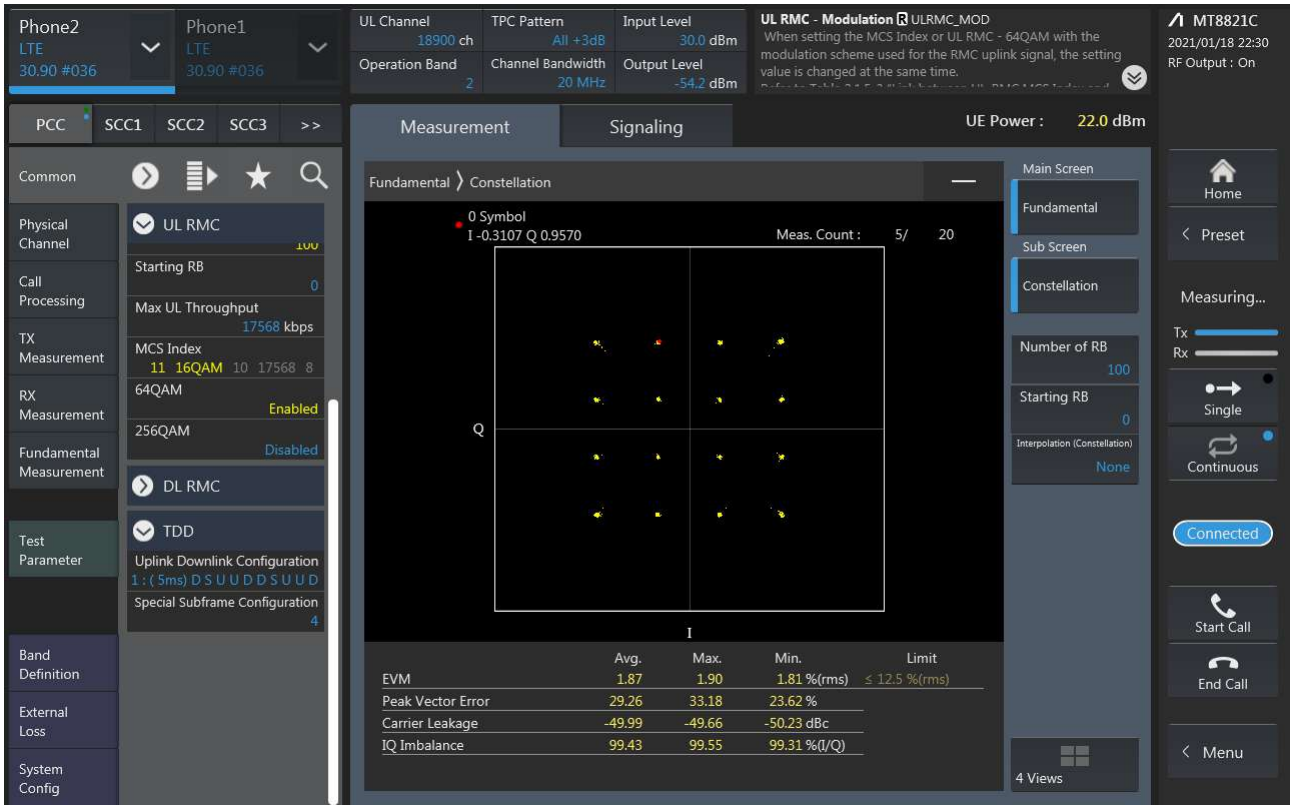
3.1.1.Test Channel = MCH



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

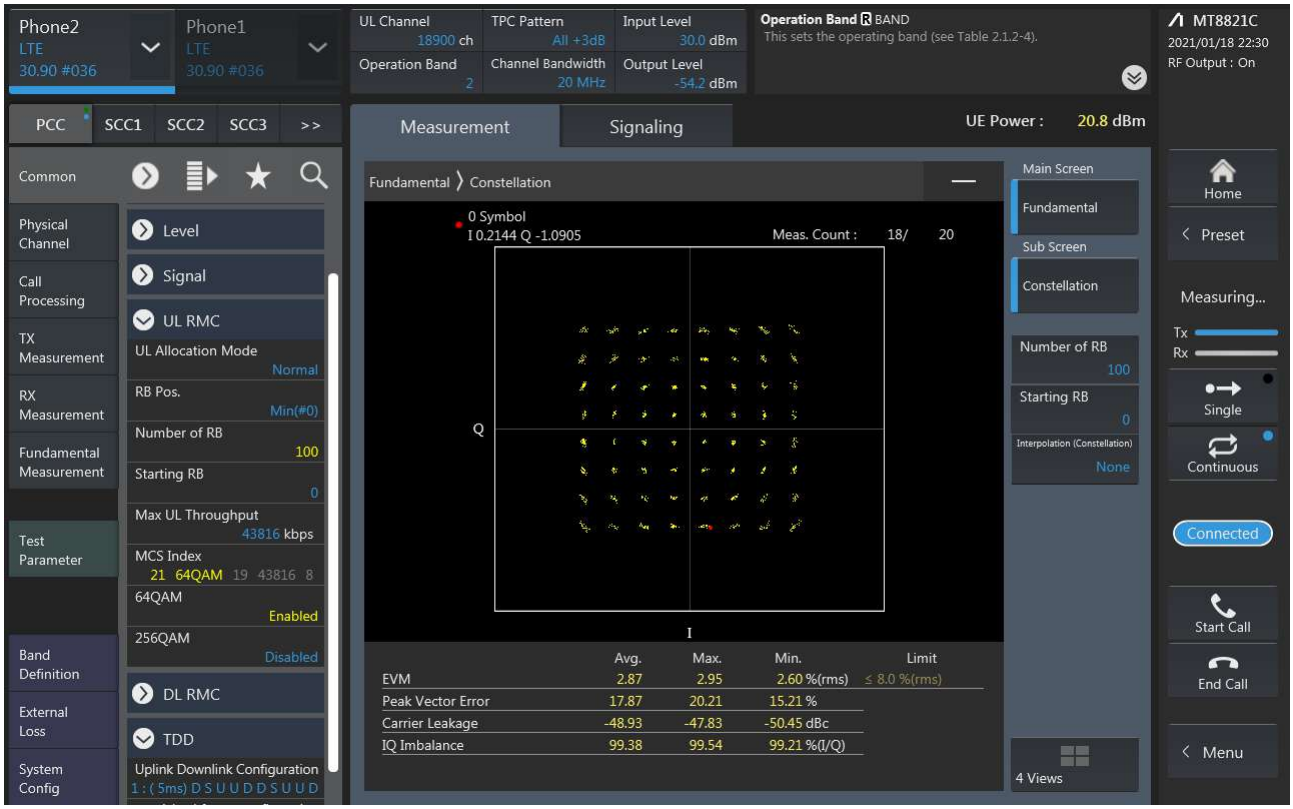
3.2.1.Test Channel = MCH



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	1.088	1.236	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.088	1.233	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.088	1.236	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.085	1.236	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.085	1.242	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.088	1.242	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.085	1.236	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.088	1.233	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.088	1.233	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.697	3.006	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.697	3.006	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.697	3.006	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.685	2.982	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.691	2.982	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.691	2.976	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.685	2.970	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.685	2.976	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.691	2.982	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.466	4.910	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.466	4.900	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.466	4.890	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.476	4.930	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.466	4.910	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.466	4.920	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.486	4.910	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.476	4.920	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.486	4.900	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.931	9.680	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.931	9.660	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.911	9.620	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.911	9.720	PASS

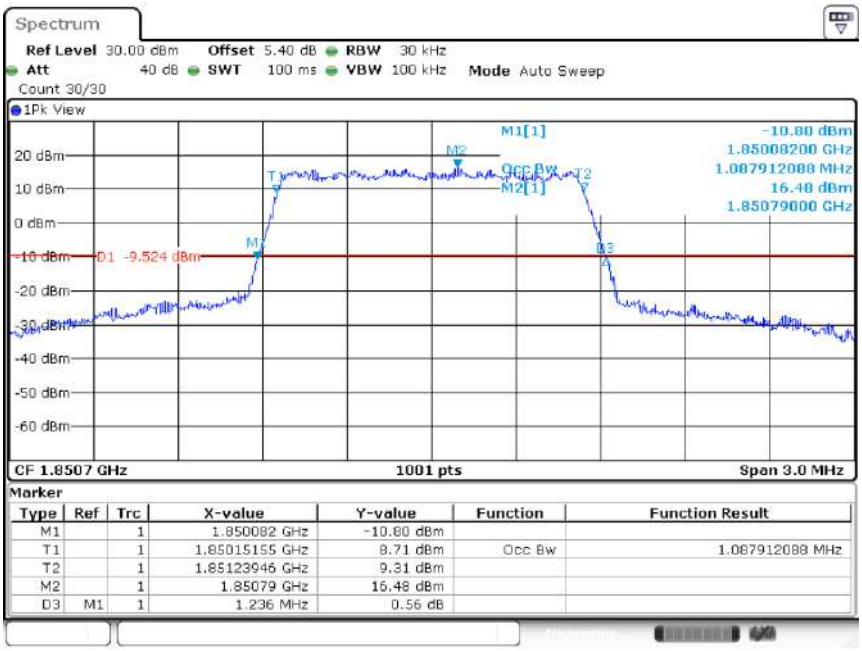
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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	9.700	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.911	9.660	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.911	9.680	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.931	9.660	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.911	9.640	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.427	14.730	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.427	14.700	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.397	14.700	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.427	14.700	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.397	14.700	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.397	14.700	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.427	14.730	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.427	14.670	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.427	14.670	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.902	19.400	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.822	19.360	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.862	19.360	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.862	19.360	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.822	19.320	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.822	19.280	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.862	19.440	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.822	19.360	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.822	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)

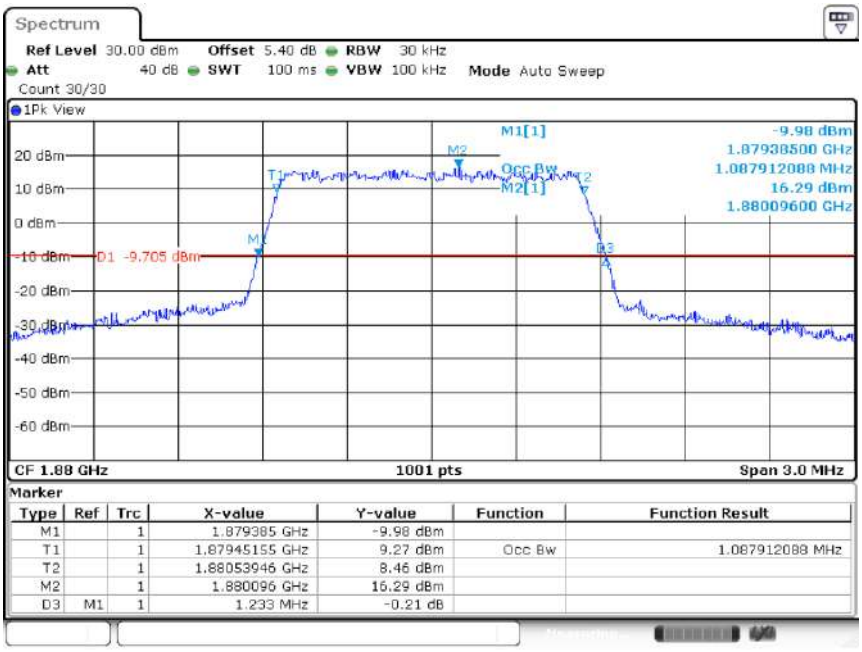
4.2. Test Plots

Band2-1.4MHz-QPSK-18607-6RB#0-1.088



Date: 27.JAN.2021 08:39:56

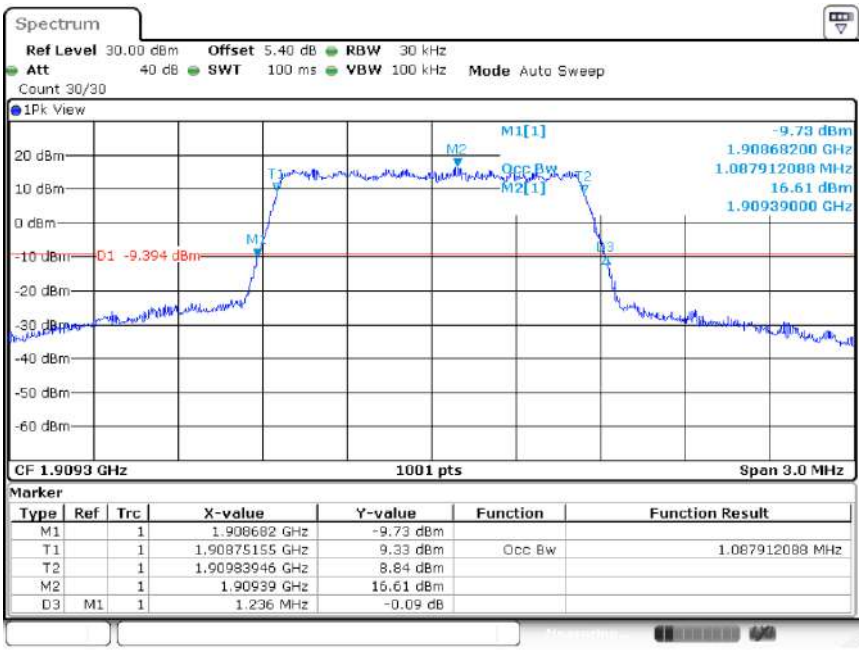
Band2-1.4MHz-QPSK-18900-6RB#0-1.088



Date: 27.JAN.2021 08:40:21

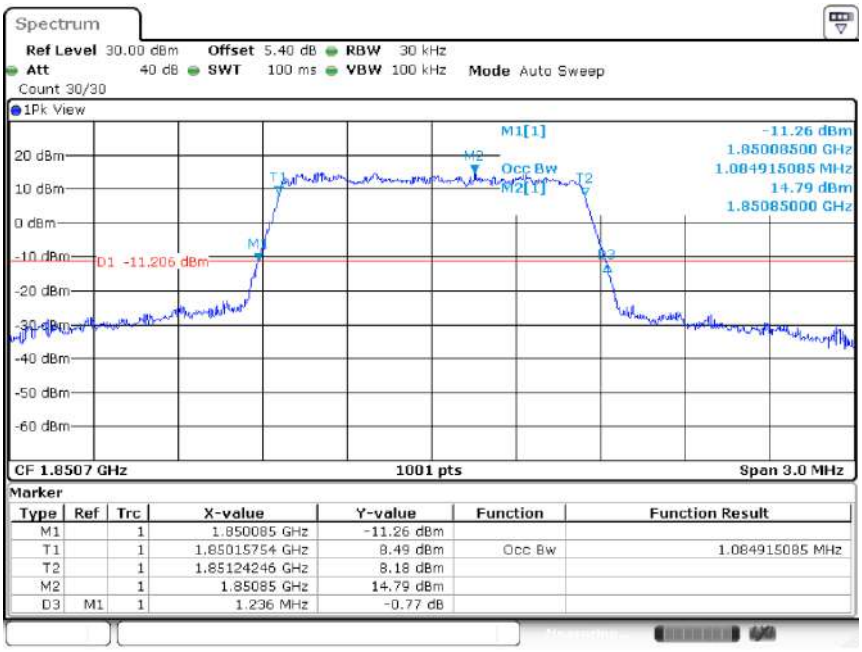
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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
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#0-1.088



Date: 27.JAN.2021 09:40:47

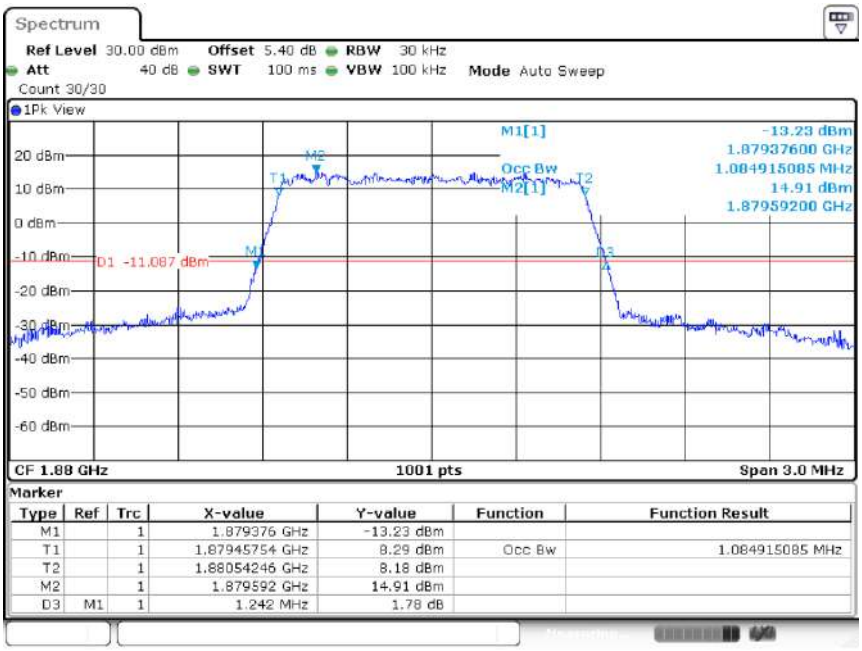
Band2-1.4MHz-64QAM-18607-6RB#0-1.085



Date: 27.JAN.2021 12:23:16

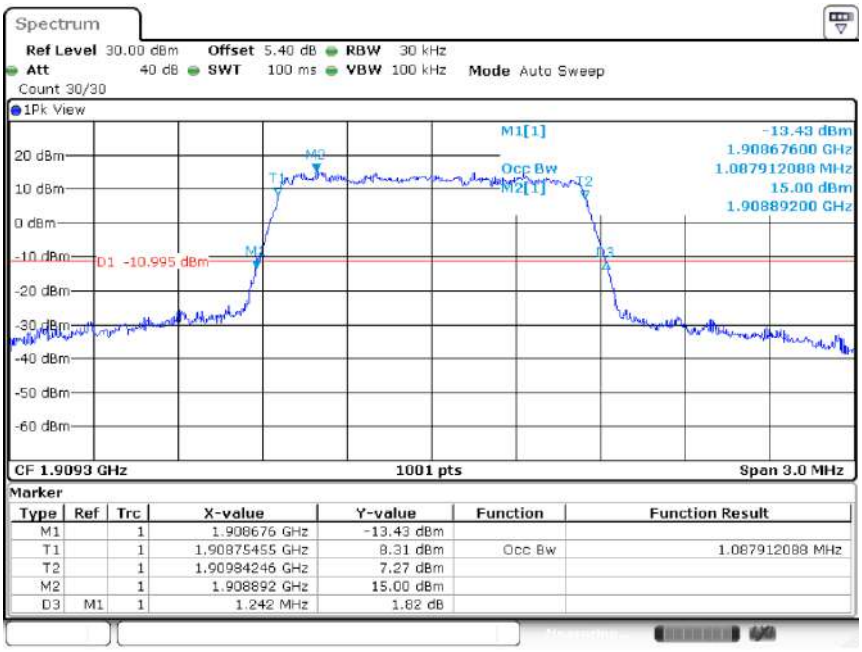
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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-18900-6RB#0-1.085



Date: 27.JAN.2021 12:23:29

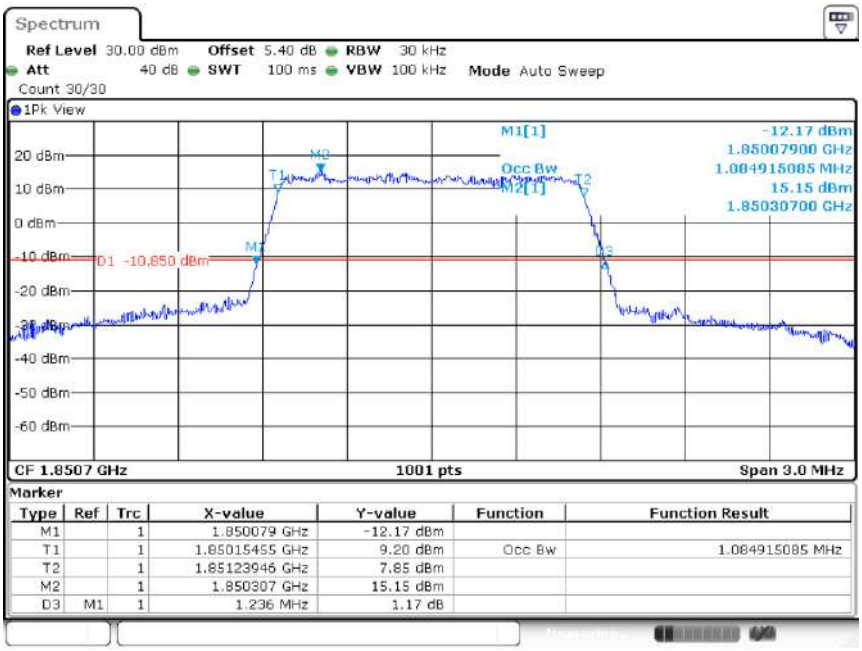
Band2-1.4MHz-64QAM-19193-6RB#0-1.088



Date: 27.JAN.2021 12:23:42

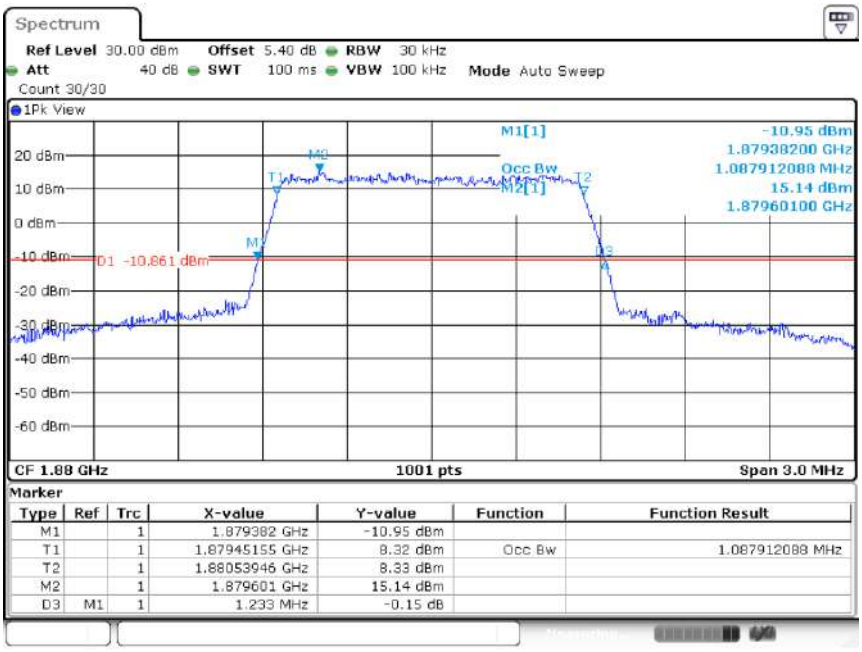
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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-16QAM-18607-6RB#0-1.085



Date: 27.JAN.2021 09:40:09

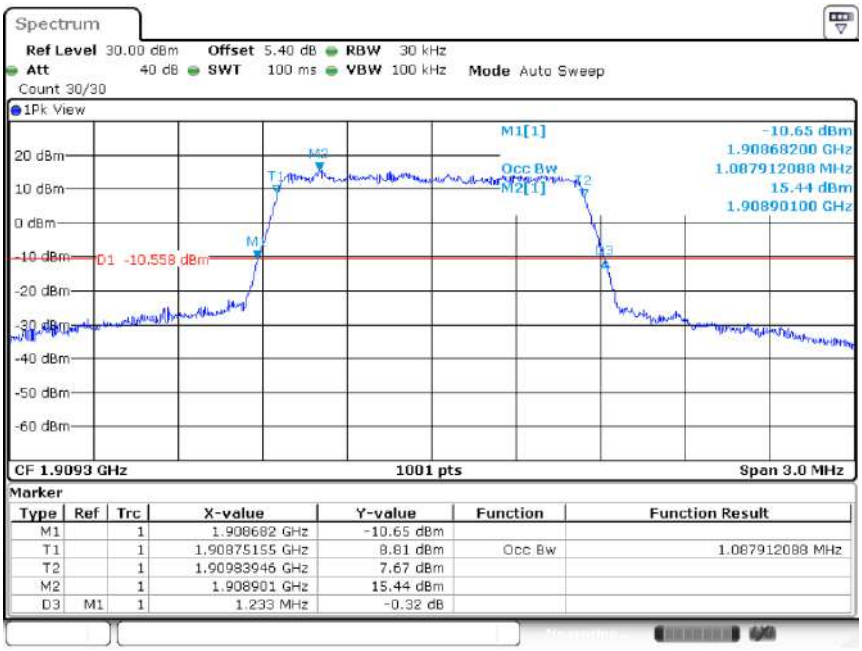
Band2-1.4MHz-16QAM-18900-6RB#0-1.088



Date: 27.JAN.2021 09:40:34

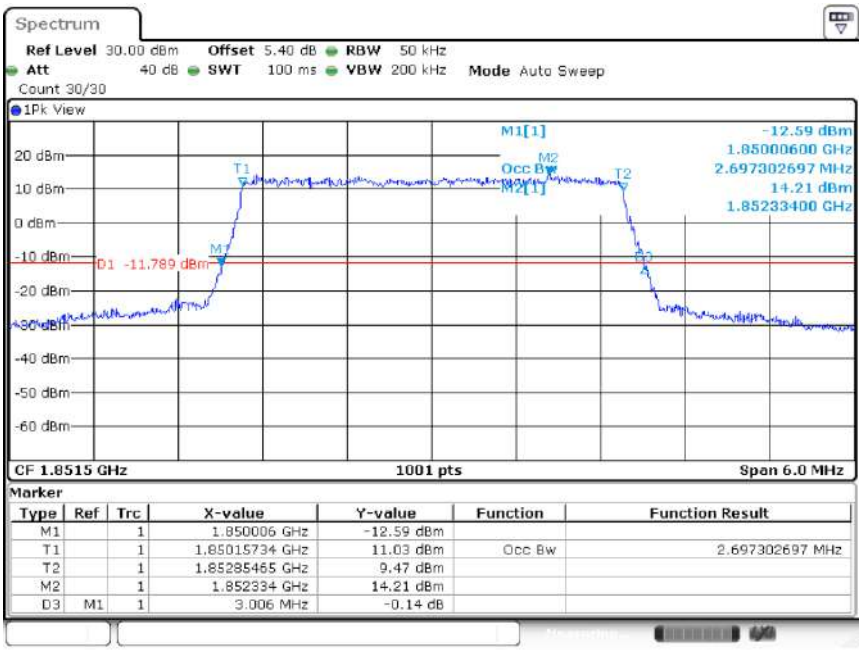
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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-16QAM-19193-6RB#0-1.088



Date: 27.JAN.2021 09:41:00

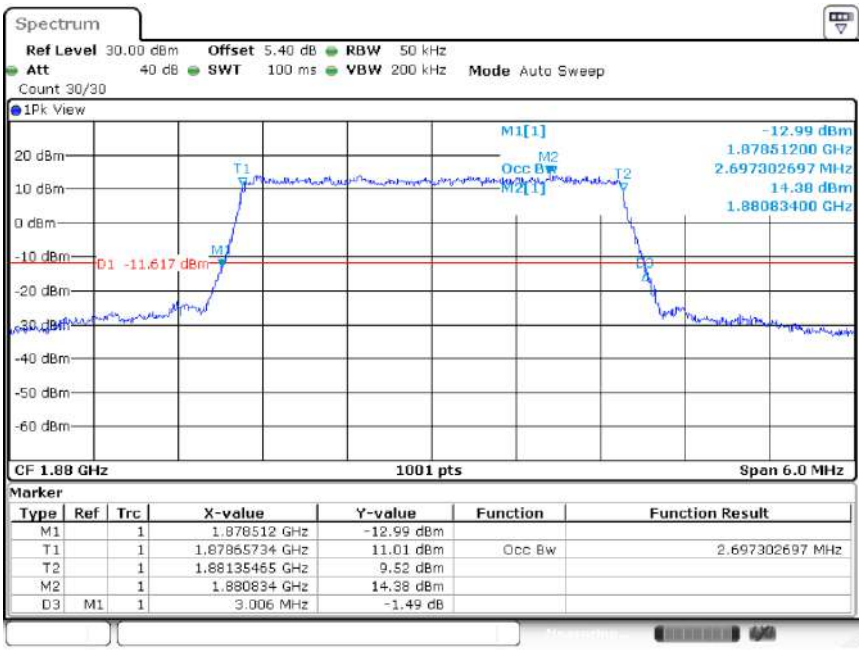
Band2-3MHz-QPSK-18615-15RB#0-2.697



Date: 27.JAN.2021 09:41:18

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx 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-18900-15RB#0-2.697

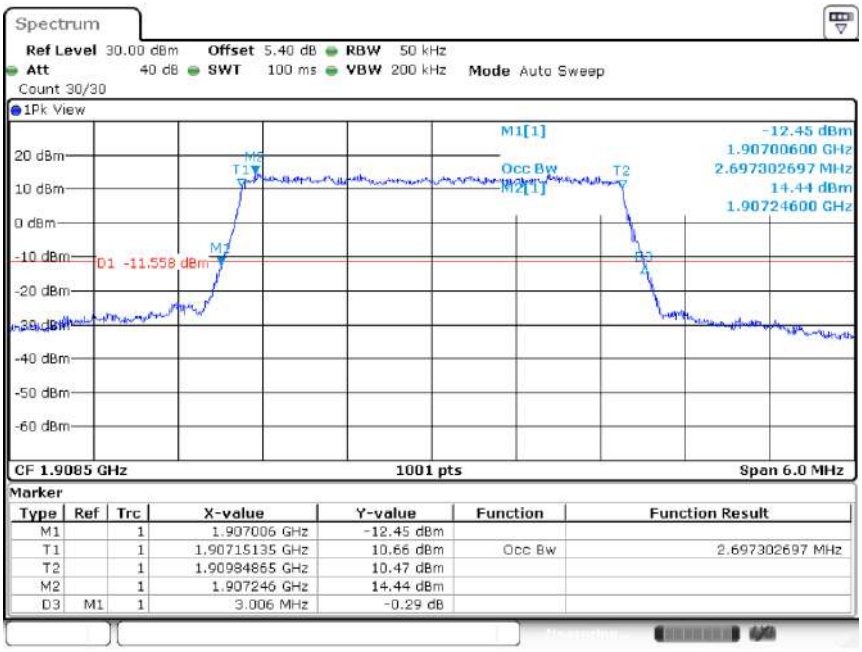


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.878512 GHz	-12.99 dBm		
T1		1	1.87865734 GHz	11.01 dBm	Occ Bw	2.697302697 MHz
T2		1	1.88135465 GHz	9.52 dBm		
M2		1	1.880834 GHz	14.38 dBm		
D3	M1	1	3.006 MHz	-1.49 dB		

Date: 27.JAN.2021 09:41:44

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



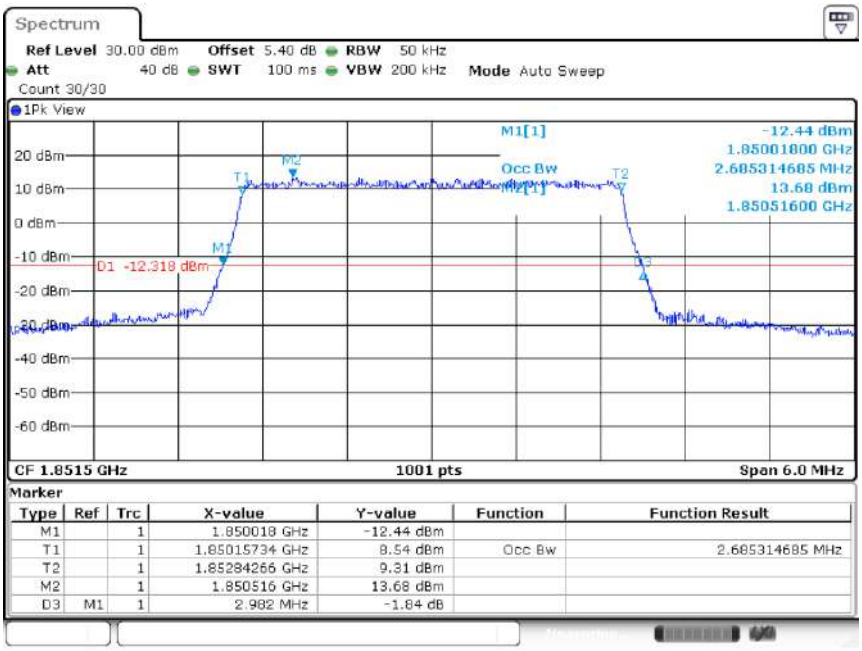
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.907006 GHz	-12.45 dBm		
T1		1	1.90715135 GHz	10.66 dBm	Occ Bw	2.697302697 MHz
T2		1	1.90984865 GHz	10.47 dBm		
M2		1	1.907246 GHz	14.44 dBm		
D3	M1	1	3.006 MHz	-0.29 dB		

Date: 27.JAN.2021 09:42:09

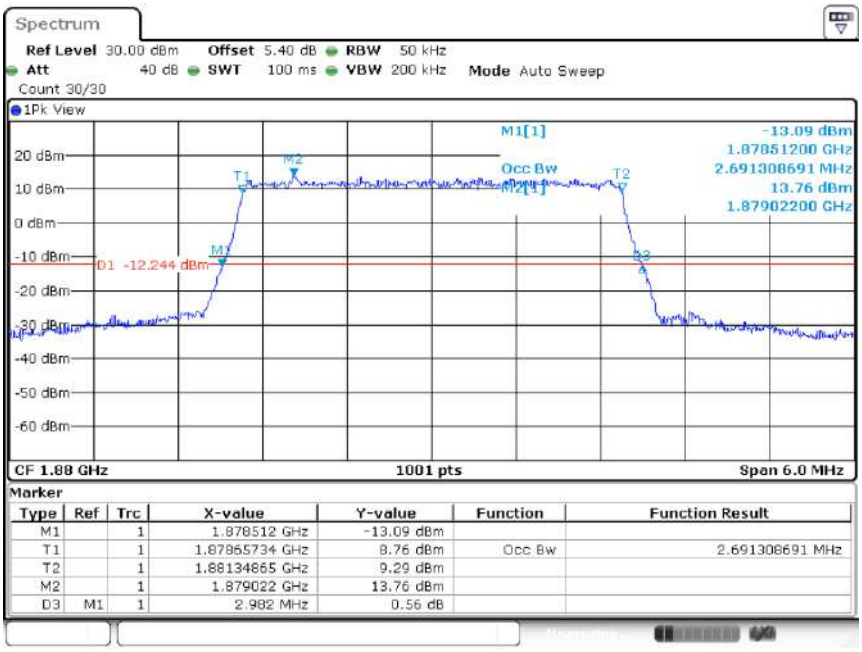
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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
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#0-2.685



Date: 27.JAN.2021 12:24:00

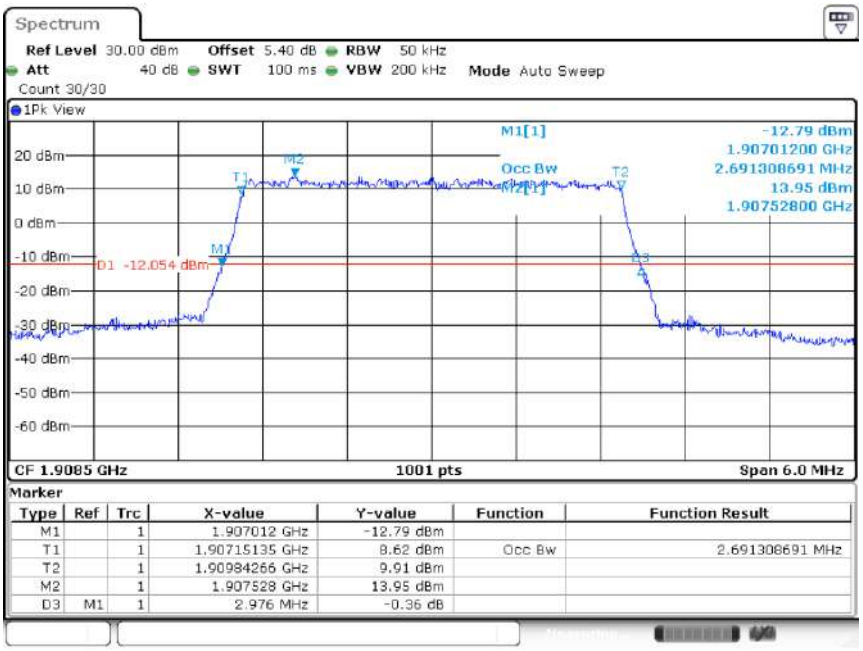
Band2-3MHz-64QAM-18900-15RB#0-2.691



Date: 27.JAN.2021 12:24:13

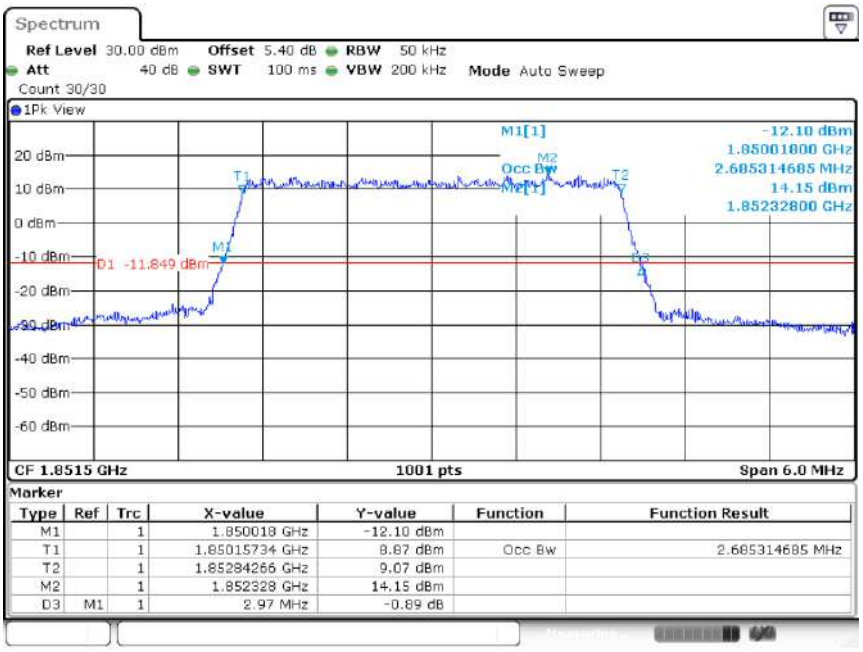
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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
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#0-2.691



Date: 27.JAN.2021 12:24:26

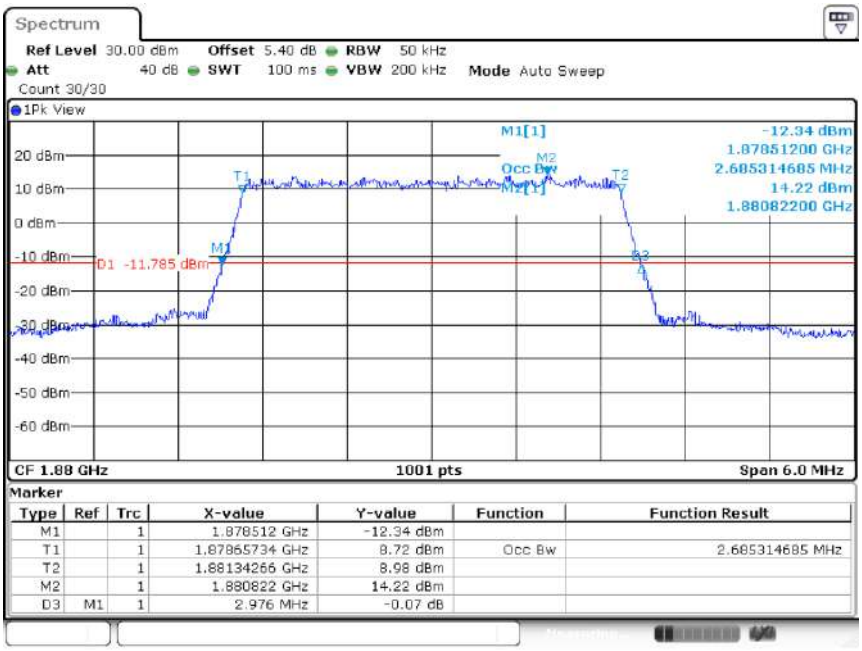
Band2-3MHz-16QAM-18615-15RB#0-2.685



Date: 27.JAN.2021 09:41:31

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)

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

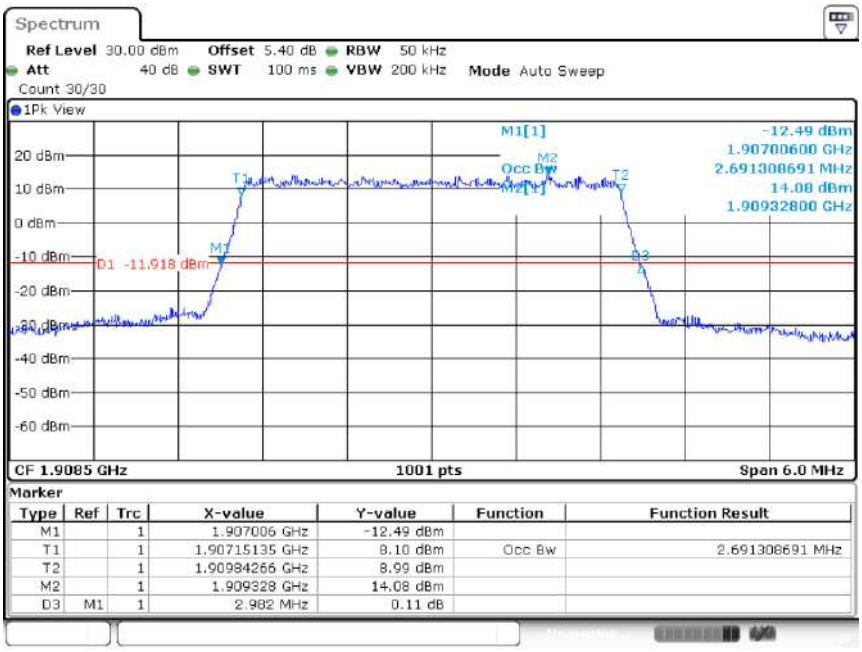


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.878512 GHz	-12.34 dBm		
T1		1	1.87865734 GHz	8.72 dBm	Occ Bw	2.685314685 MHz
T2		1	1.88134266 GHz	8.98 dBm		
M2		1	1.880822 GHz	14.22 dBm		
D3	M1	1	2.976 MHz	-0.07 dB		

Date: 27.JAN.2021 09:41:56

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



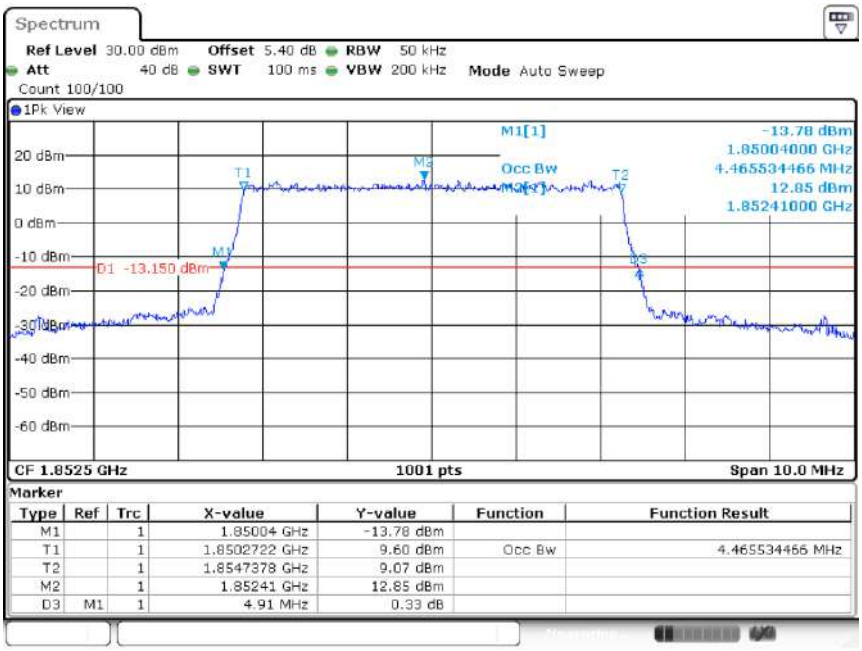
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.907006 GHz	-12.49 dBm		
T1		1	1.90715135 GHz	8.10 dBm	Occ Bw	2.691308691 MHz
T2		1	1.90984266 GHz	8.99 dBm		
M2		1	1.909328 GHz	14.08 dBm		
D3	M1	1	2.982 MHz	0.11 dB		

Date: 27.JAN.2021 09:42:22

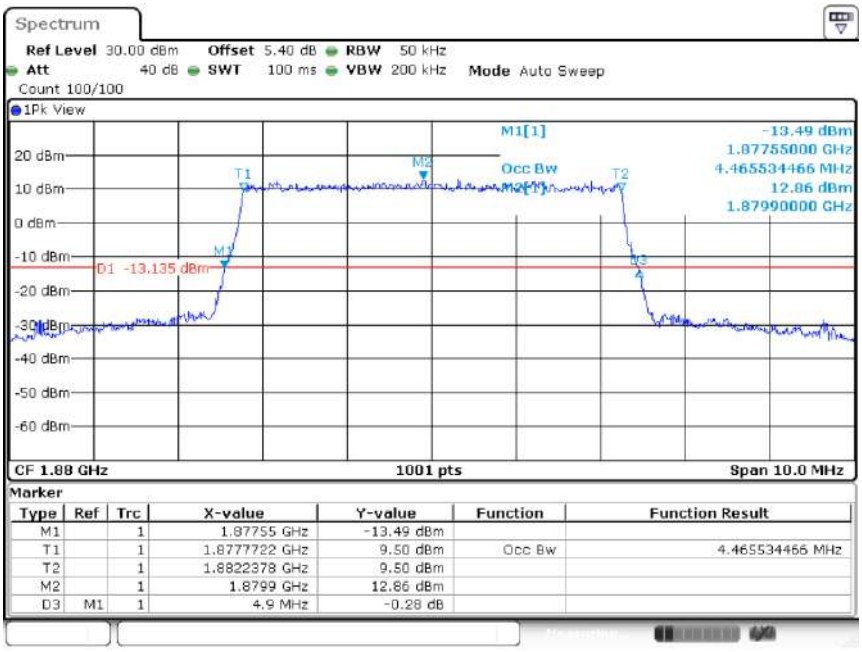
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 27.JAN.2021 09:42:46

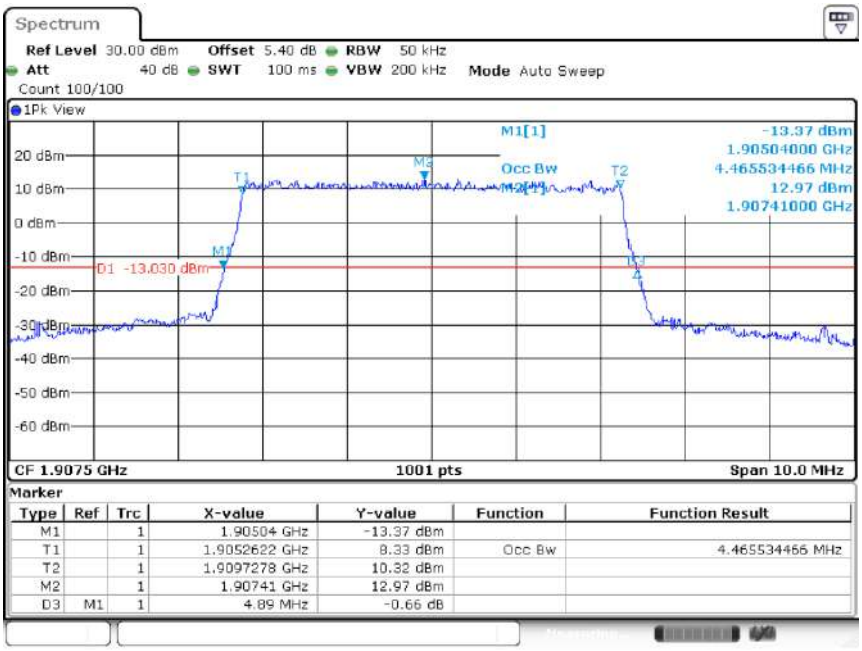
Band2-5MHz-QPSK-18900-25RB#0-4.466



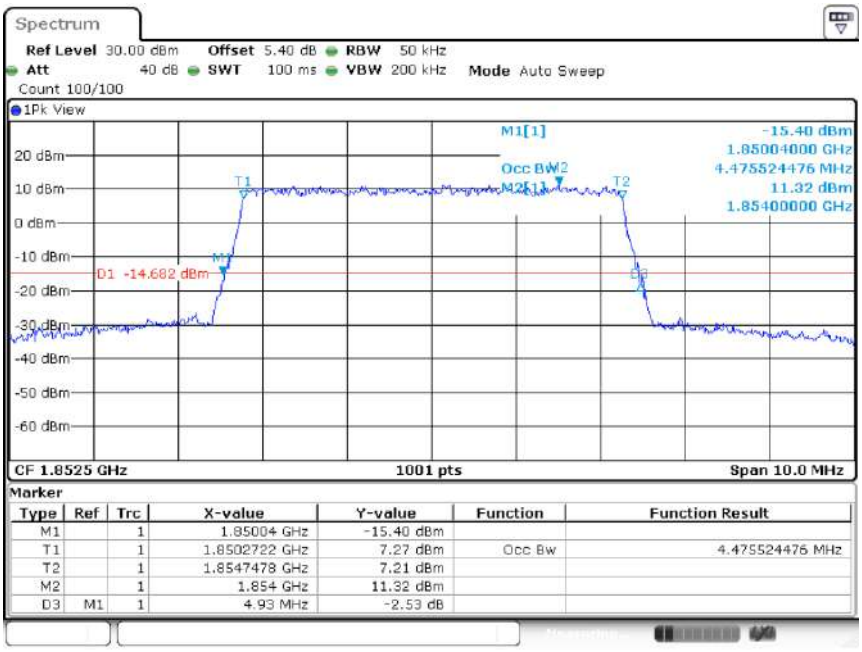
Date: 27.JAN.2021 09:43:26

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
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#0-4.466

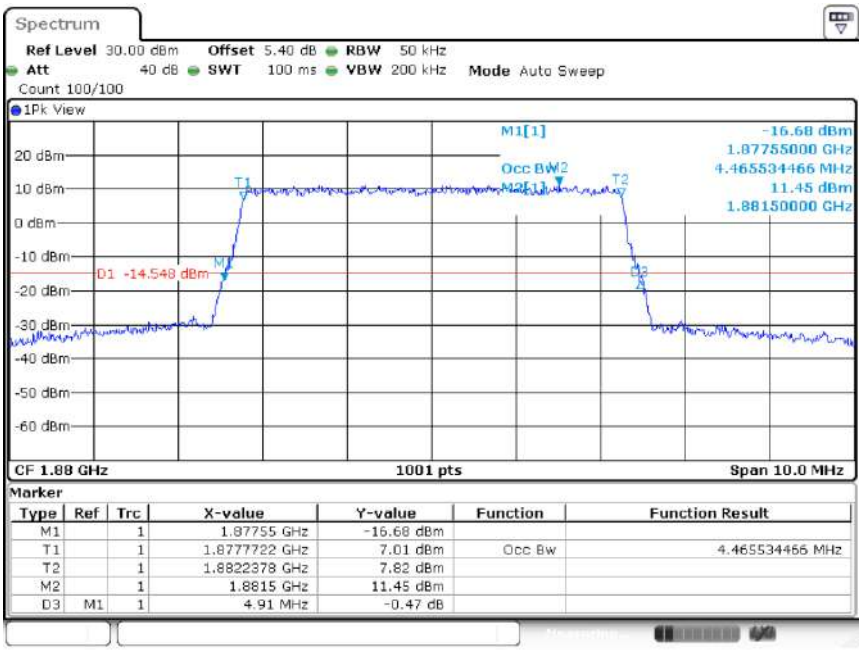


Band2-5MHz-64QAM-18625-25RB#0-4.476



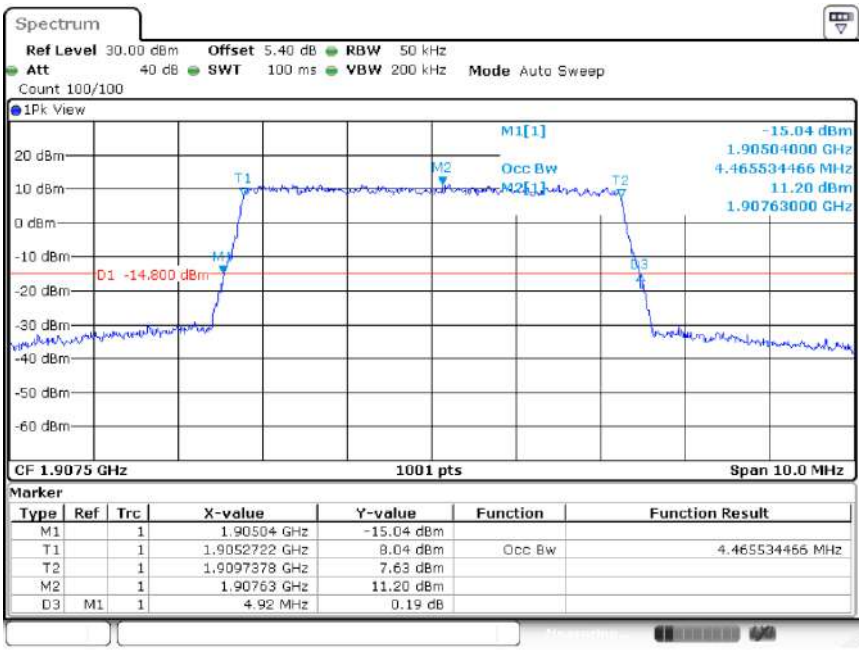
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at 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-64QAM-18900-25RB#0-4.466



Date: 27.JAN.2021 12:25:10

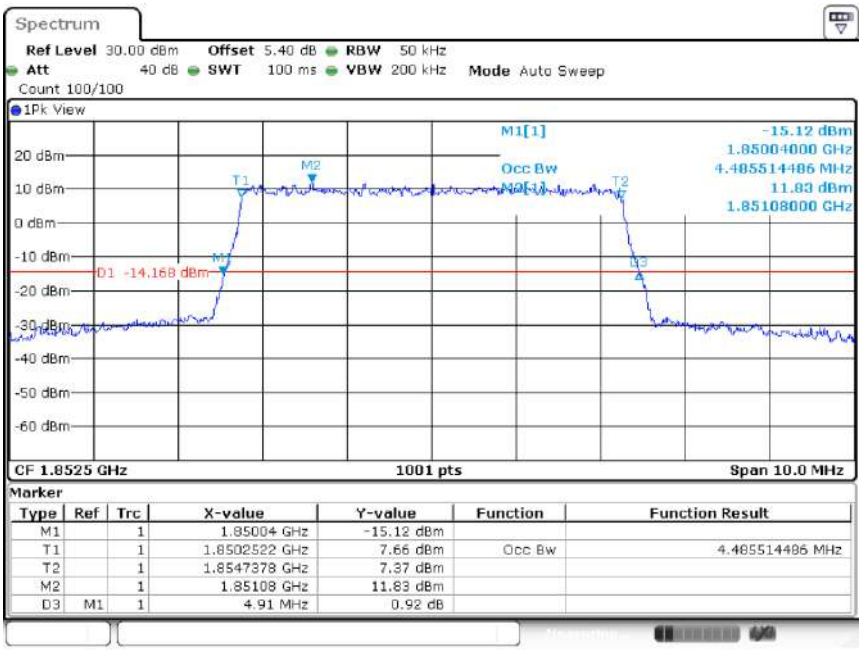
Band2-5MHz-64QAM-19175-25RB#0-4.466



Date: 27.JAN.2021 12:25:30

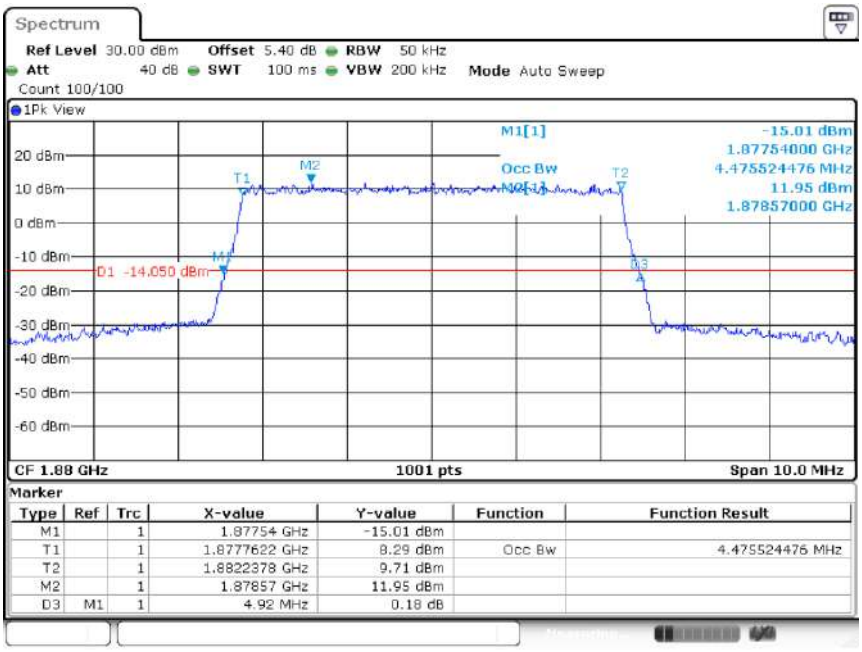
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 27.JAN.2021 09:43:06

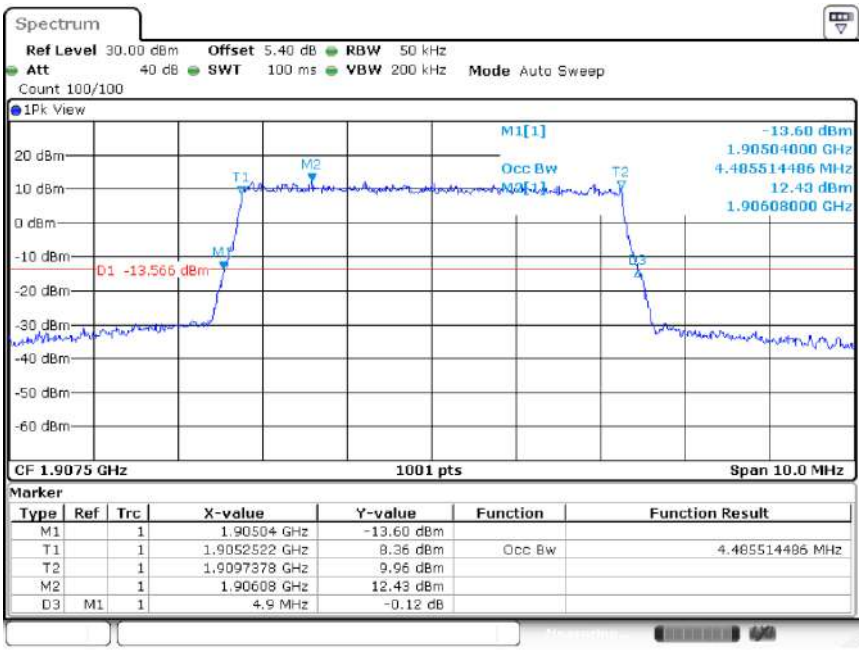
Band2-5MHz-16QAM-18900-25RB#0-4.476



Date: 27.JAN.2021 09:43:46

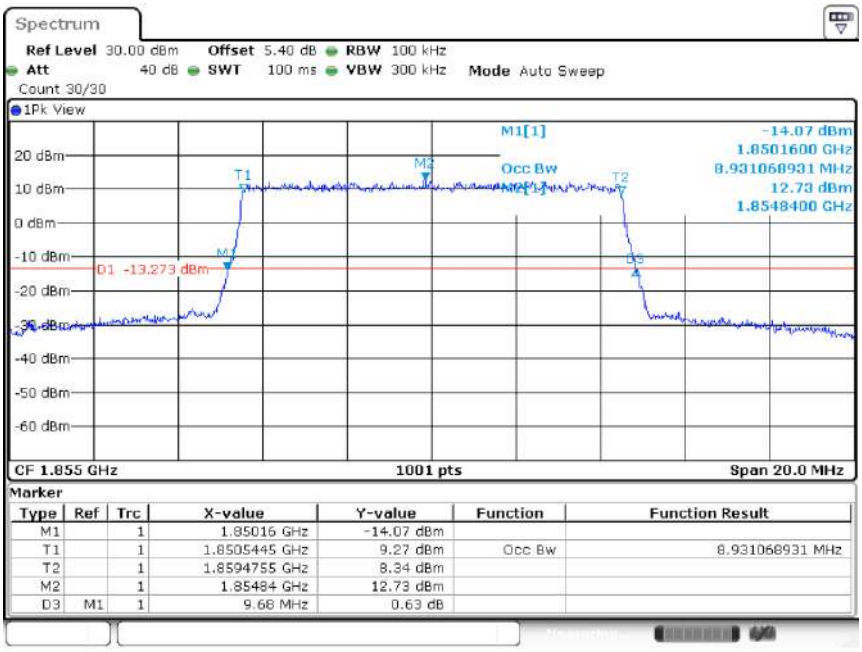
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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



Date: 27.JAN.2021 09:44:25

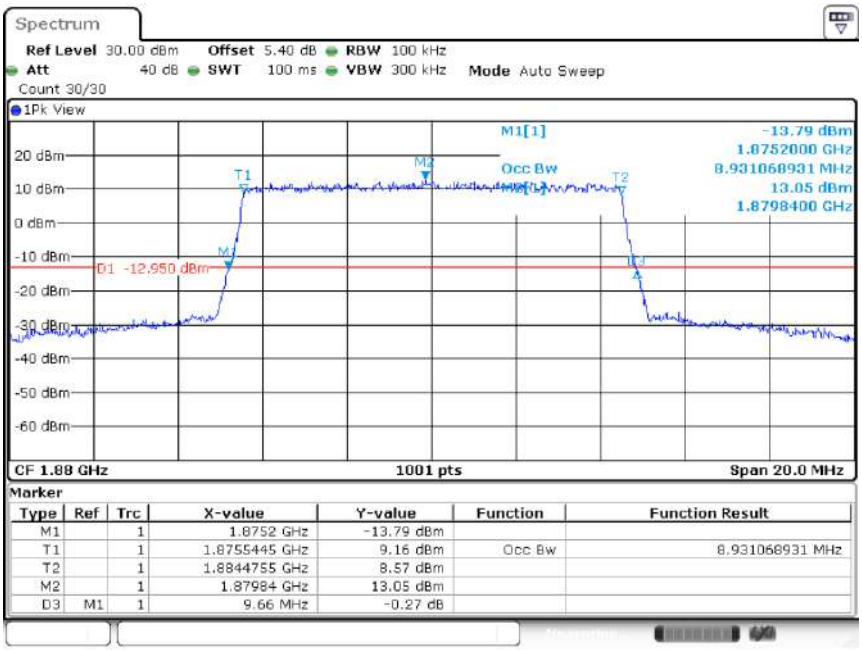
Band2-10MHz-QPSK-18650-50RB#0-8.931



Date: 27.JAN.2021 09:44:43

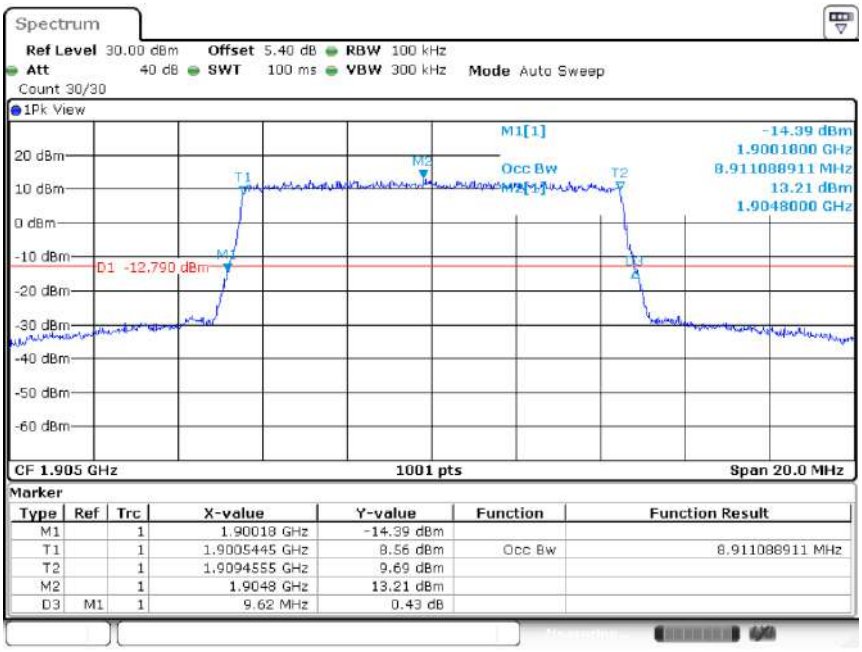
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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-QPSK-18900-50RB#0-8.931



Date: 27.JAN.2021 09:45:09

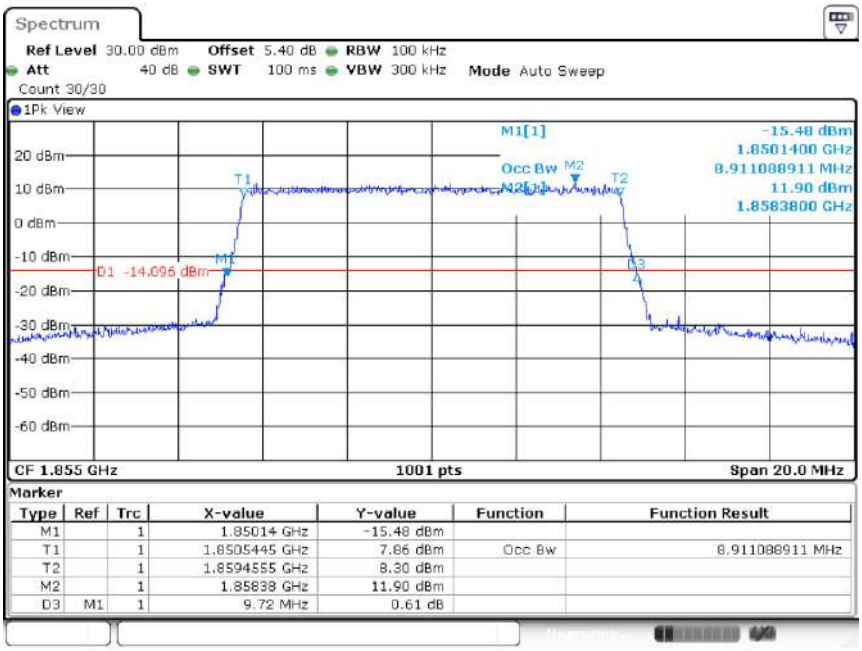
Band2-10MHz-QPSK-19150-50RB#0-8.911



Date: 27.JAN.2021 09:45:34

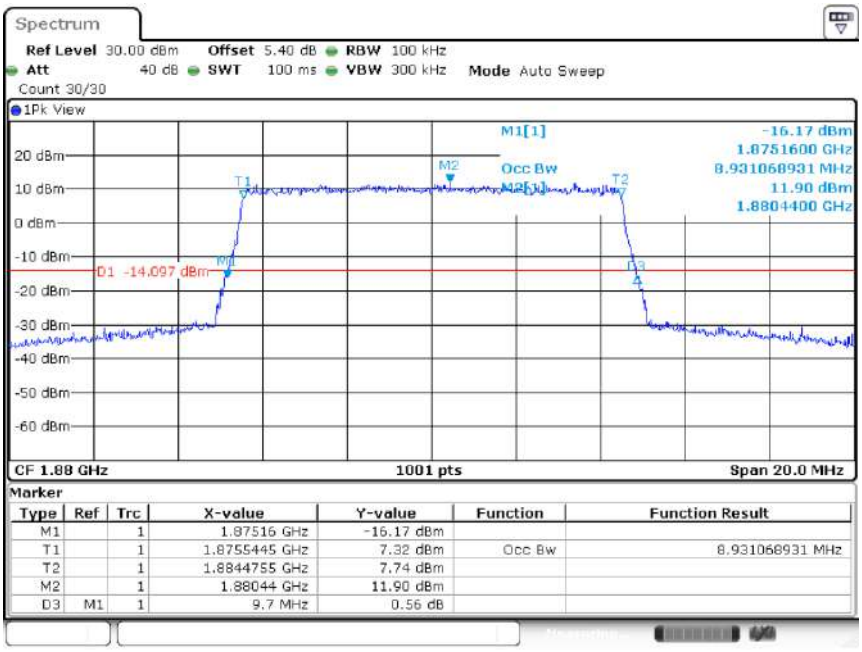
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 27.JAN.2021 12:25:48

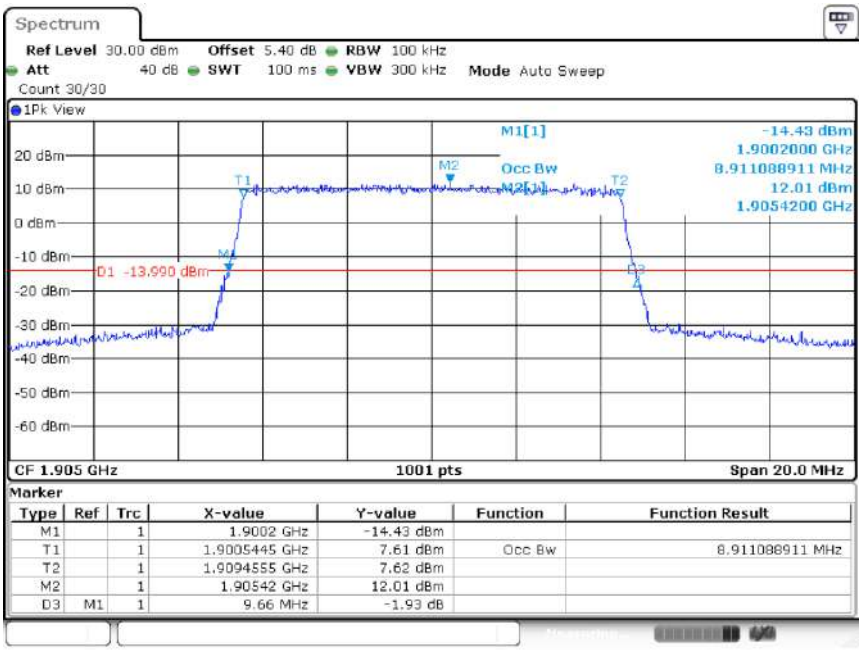
Band2-10MHz-64QAM-18900-50RB#0-8.931



Date: 27.JAN.2021 12:26:01

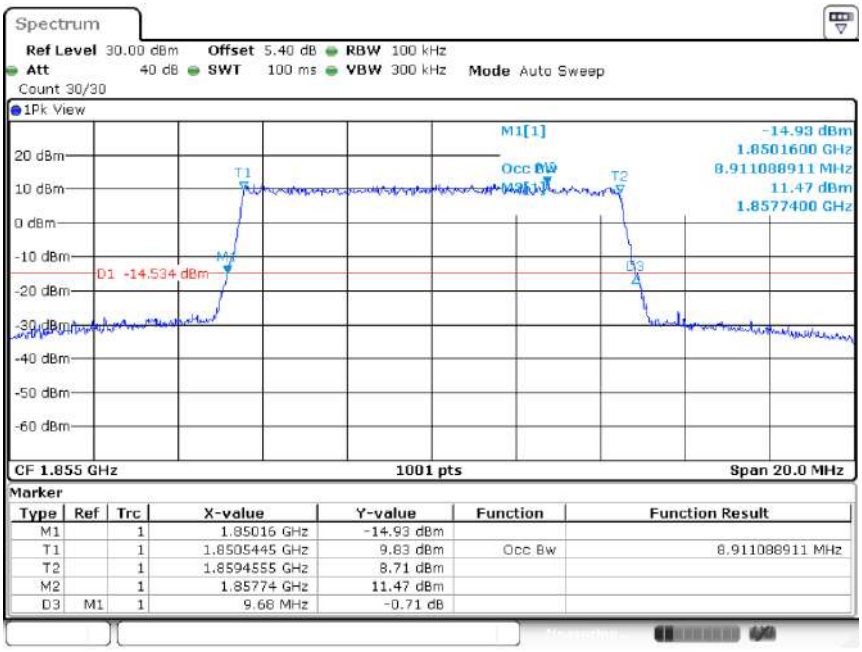
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 27.JAN.2021 12:26:14

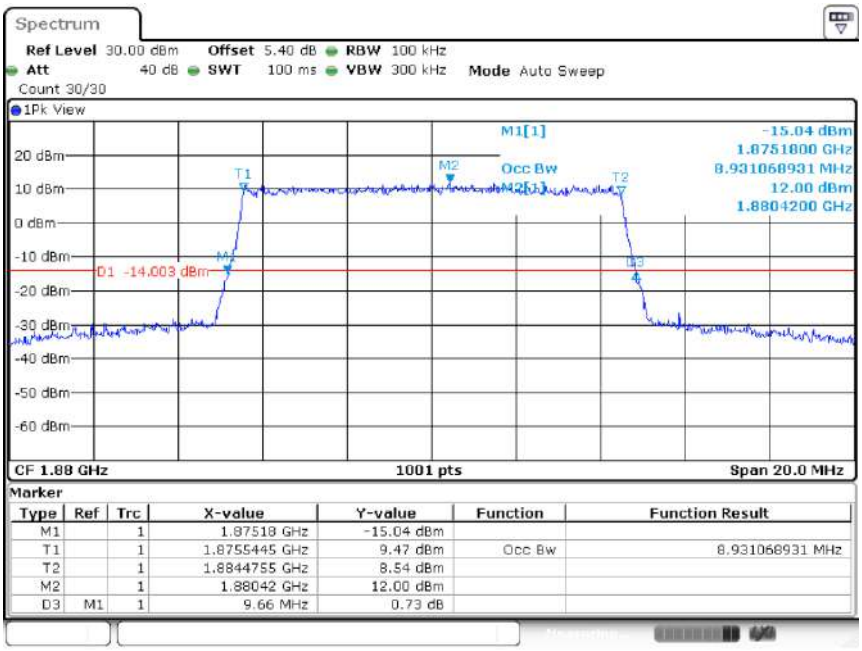
Band2-10MHz-16QAM-18650-50RB#0-8.911



Date: 27.JAN.2021 09:44:56

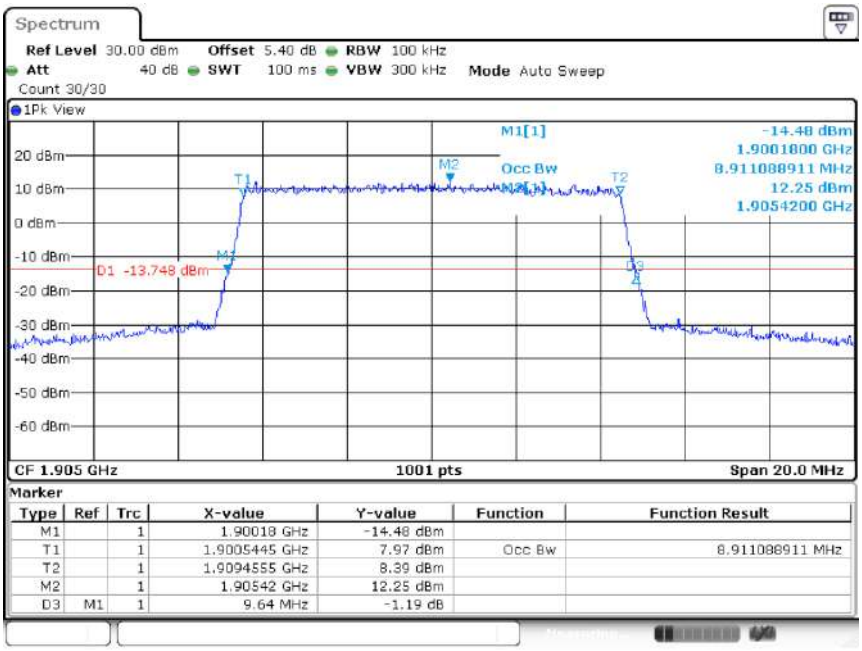
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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
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: 27.JAN.2021 09:45:21

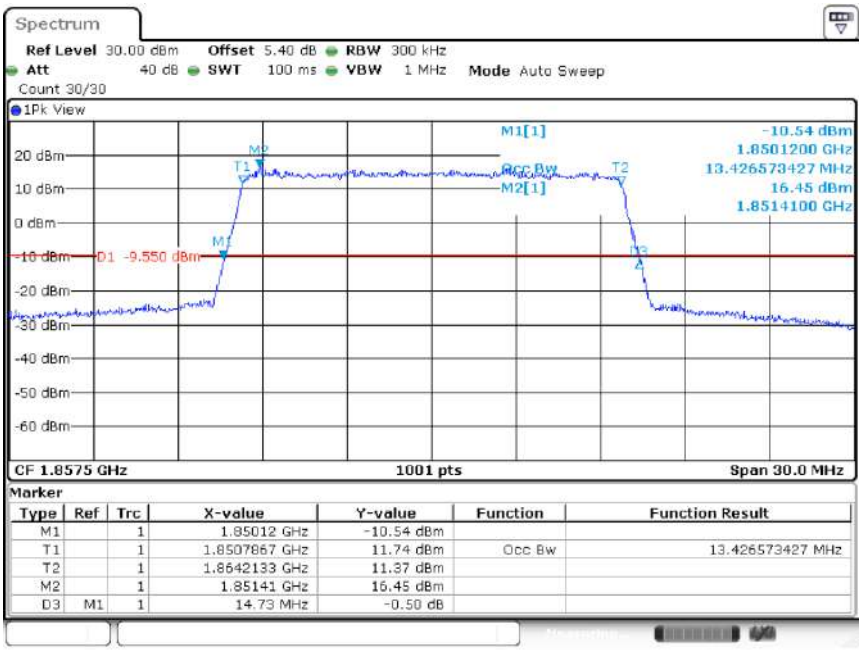
Band2-10MHz-16QAM-19150-50RB#0-8.911



Date: 27.JAN.2021 09:45:47

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
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#0-13.427

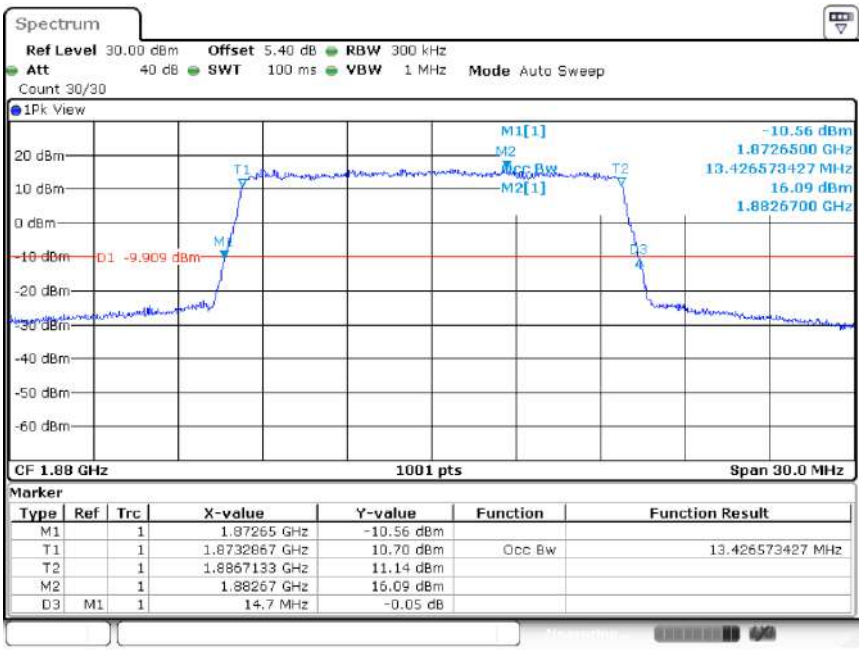


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85012 GHz	-10.54 dBm		
T1		1	1.8507867 GHz	11.74 dBm	Occ Bw	13.426573427 MHz
T2		1	1.8642133 GHz	11.37 dBm		
M2		1	1.85141 GHz	16.45 dBm		
D3	M1	1	14.73 MHz	-0.50 dB		

Date: 27.JAN.2021 09:46:05

Band2-15MHz-QPSK-18900-75RB#0-13.427



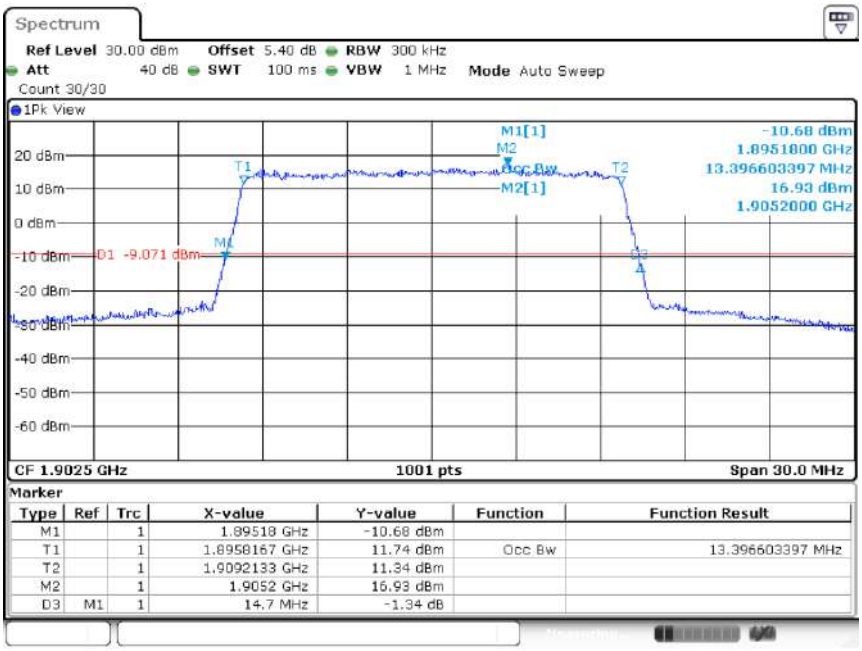
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87265 GHz	-10.56 dBm		
T1		1	1.8732867 GHz	10.70 dBm	Occ Bw	13.426573427 MHz
T2		1	1.8867133 GHz	11.14 dBm		
M2		1	1.88267 GHz	16.09 dBm		
D3	M1	1	14.7 MHz	-0.05 dB		

Date: 27.JAN.2021 09:46:30

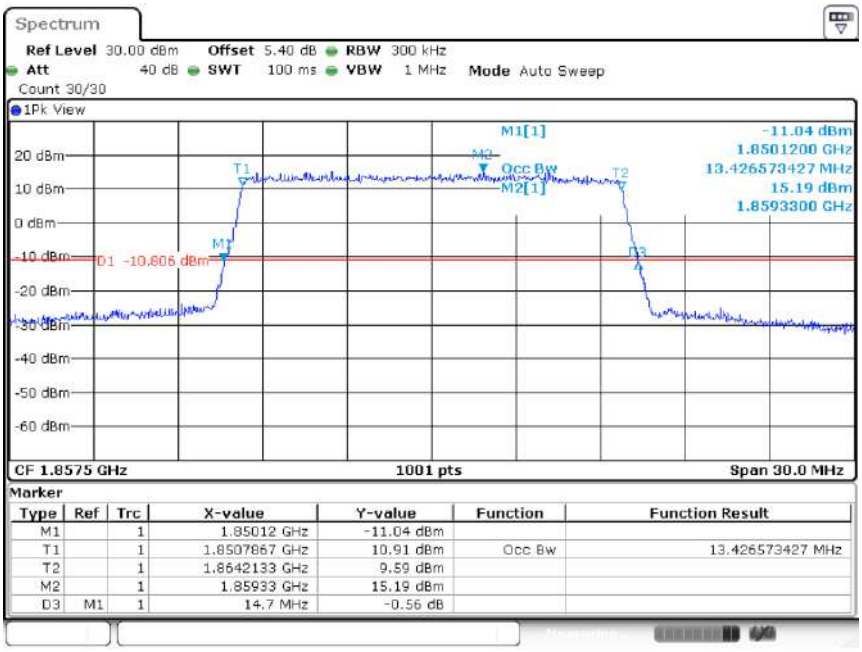
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band2-15MHz-QPSK-19125-75RB#0-13.397



Date: 27.JAN.2021 09:46:56

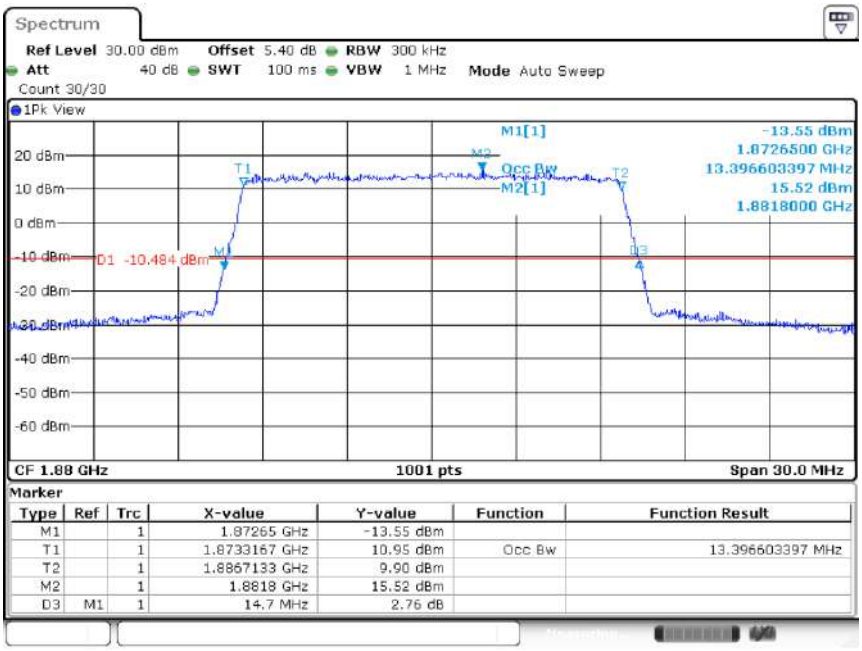
Band2-15MHz-64QAM-18675-75RB#0-13.427



Date: 27.JAN.2021 12:26:32

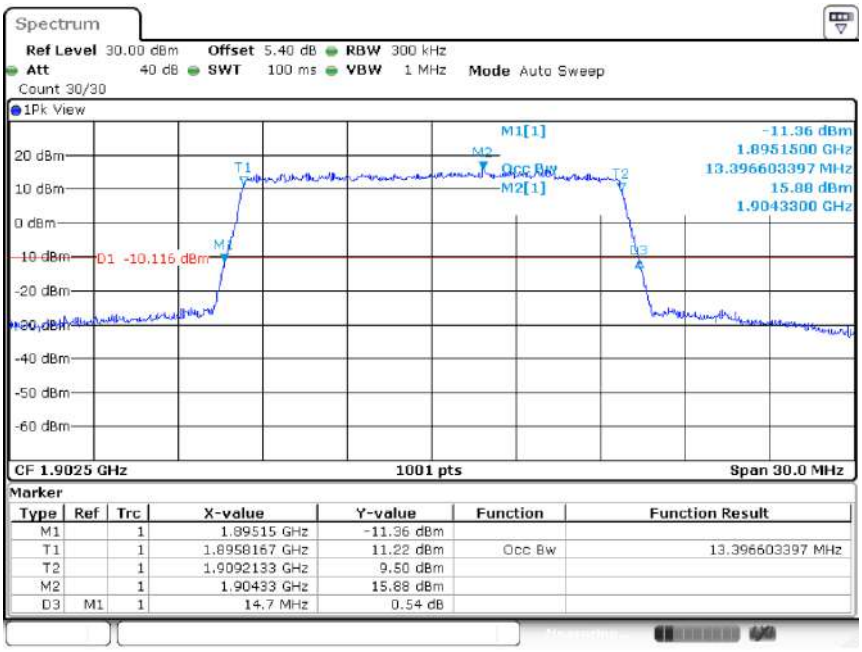
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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
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#0-13.397



Date: 27.JAN.2021 12:26:45

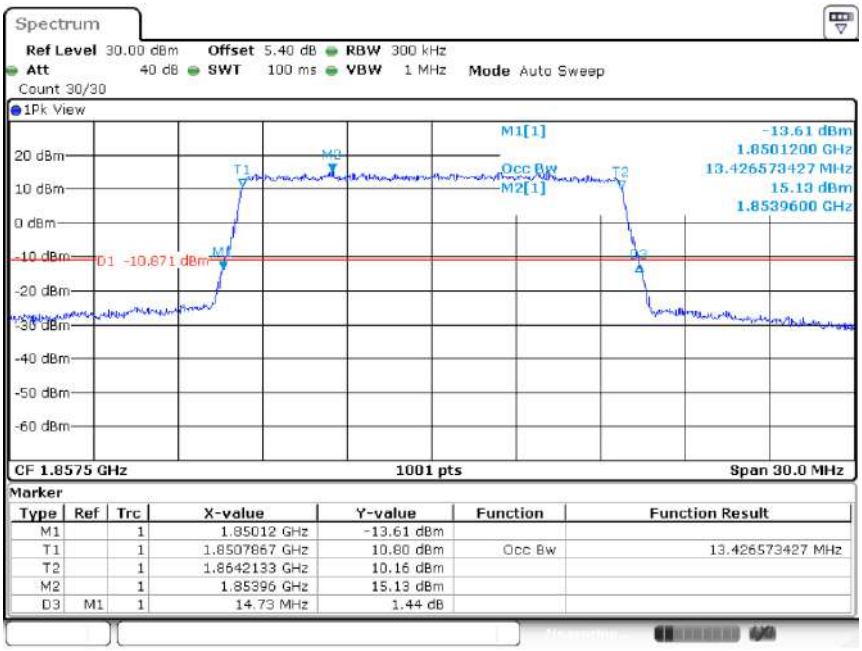
Band2-15MHz-64QAM-19125-75RB#0-13.397



Date: 27.JAN.2021 12:26:58

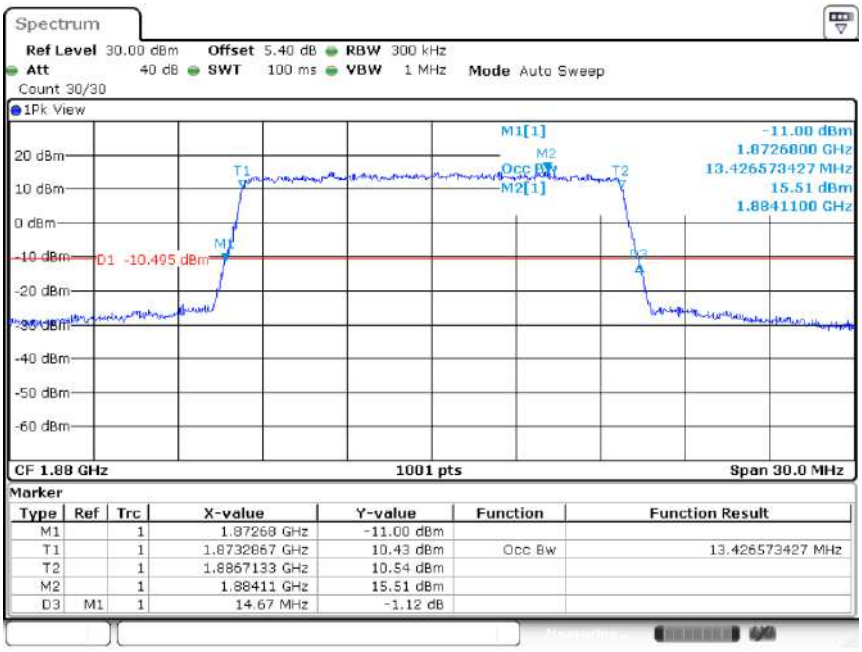
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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
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#0-13.427



Date: 27.JAN.2021 09:46:17

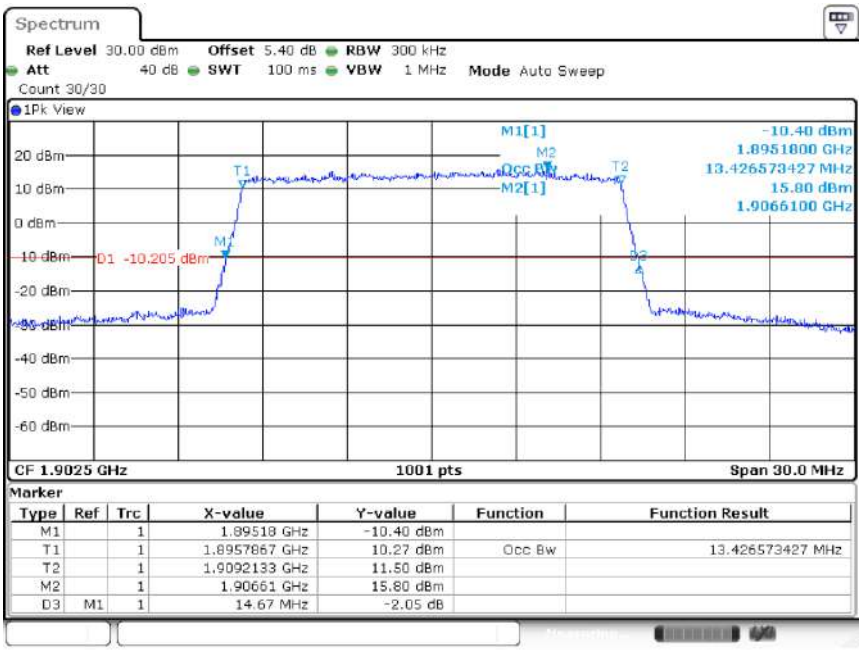
Band2-15MHz-16QAM-18900-75RB#0-13.427



Date: 27.JAN.2021 09:46:43

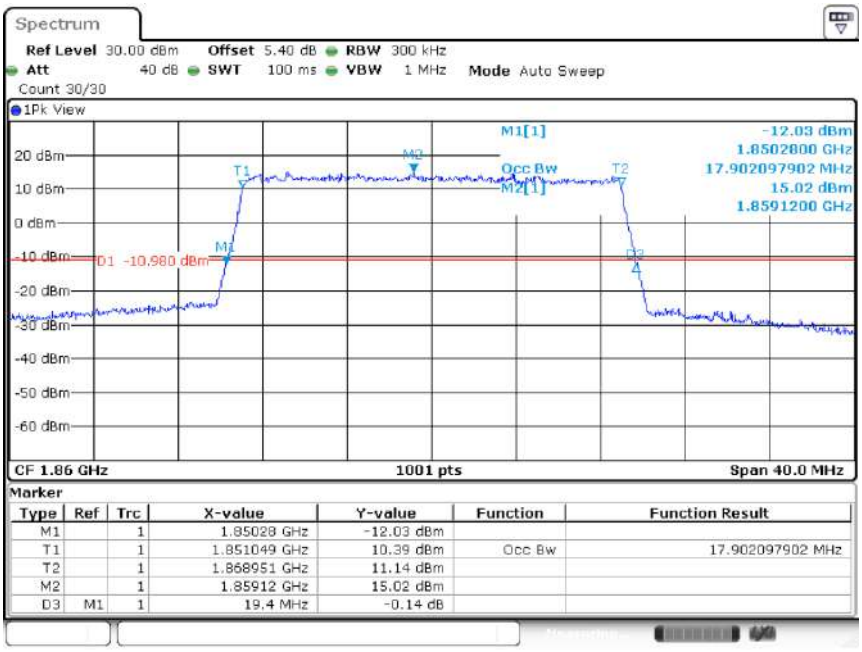
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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-16QAM-19125-75RB#0-13.427



Date: 27.JAN.2021 09:47:09

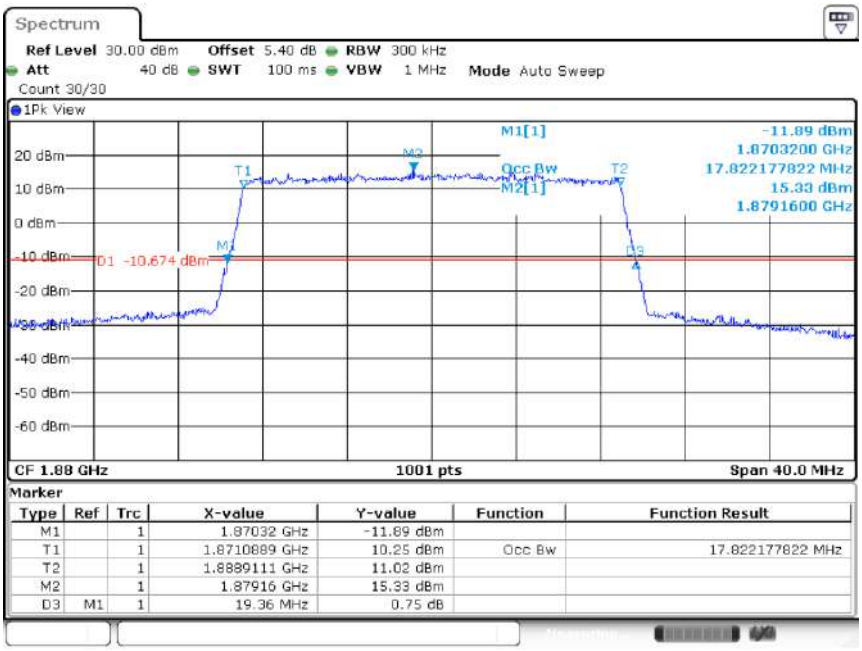
Band2-20MHz-QPSK-18700-100RB#0-17.902



Date: 27.JAN.2021 09:47:26

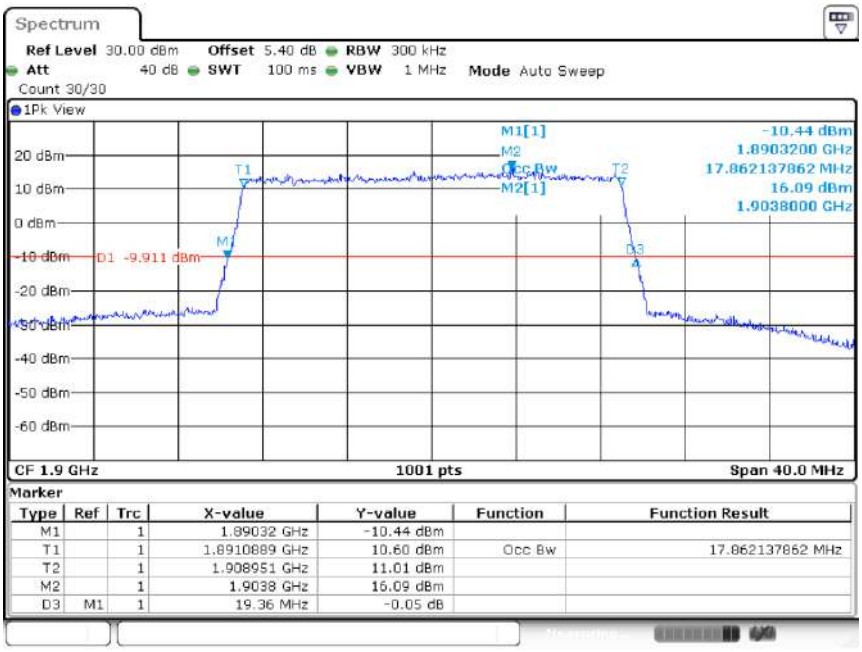
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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
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#0-17.822



Date: 27.JAN.2021 09:47:52

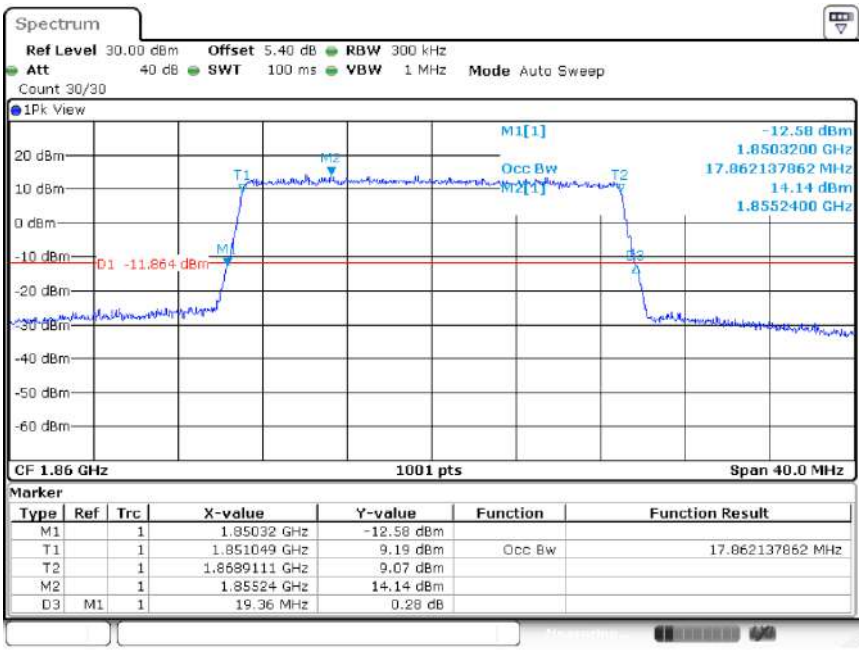
Band2-20MHz-QPSK-19100-100RB#0-17.862



Date: 27.JAN.2021 09:48:17

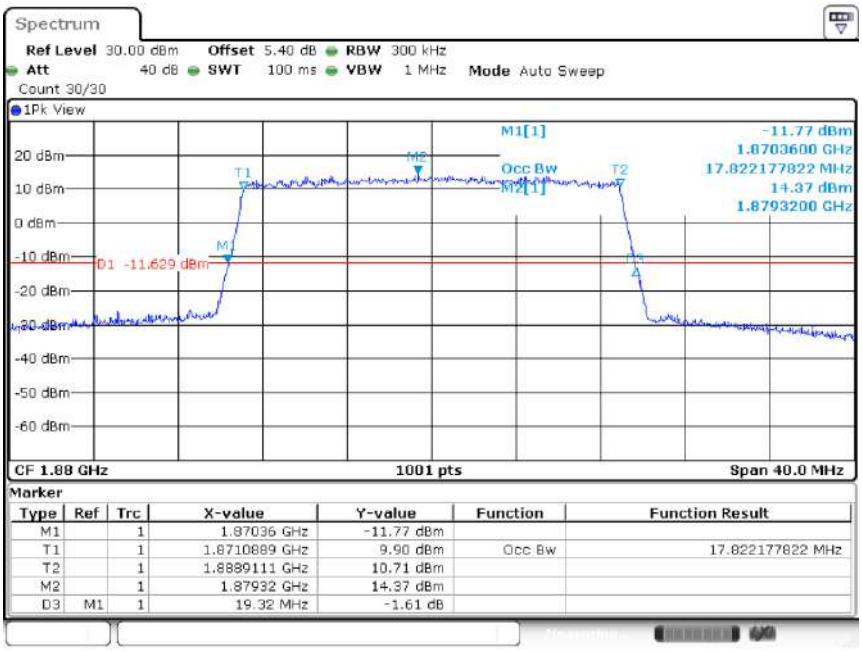
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 27.JAN.2021 12:27:15

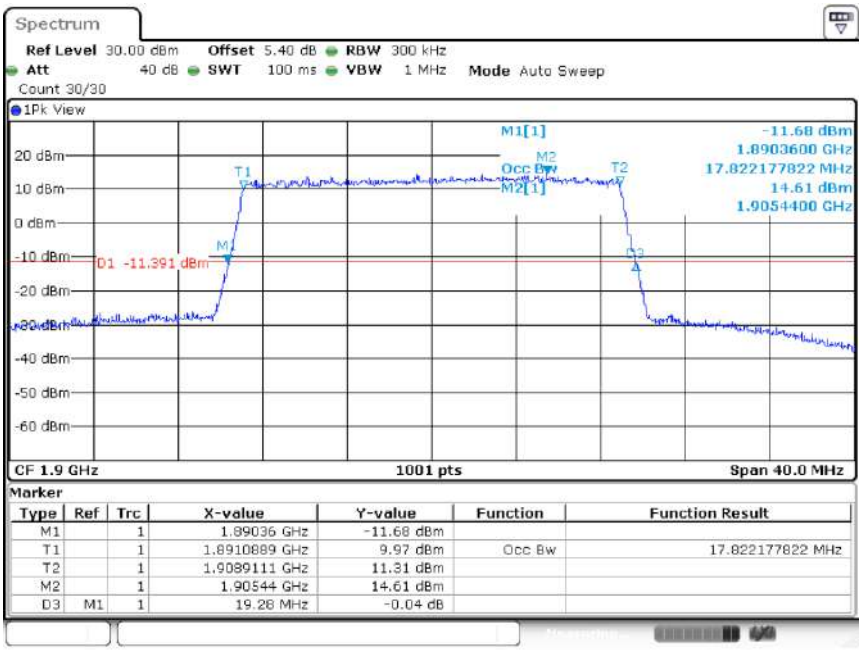
Band2-20MHz-64QAM-18900-100RB#0-17.822



Date: 27.JAN.2021 12:27:28

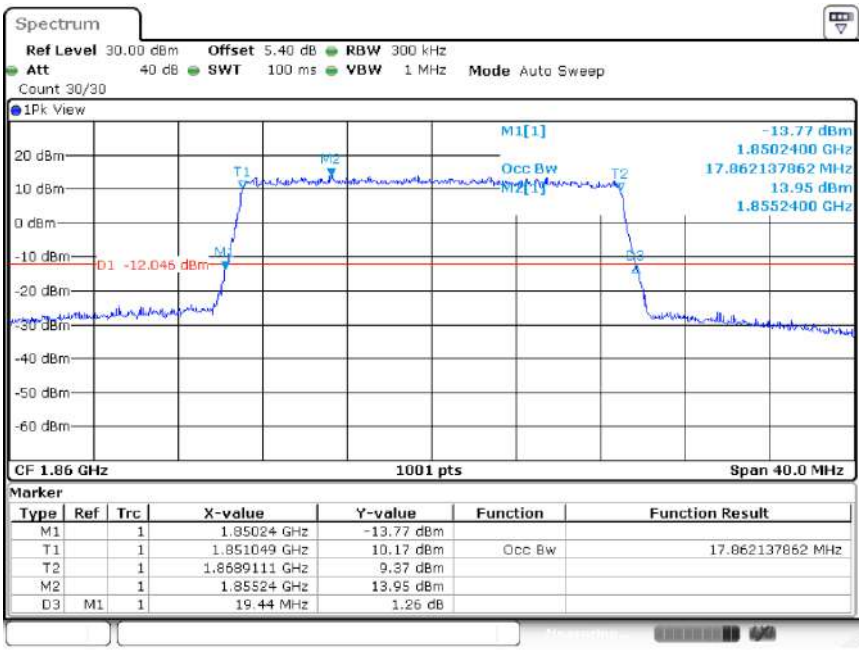
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band2-20MHz-64QAM-19100-100RB#0-17.822



Date: 27.JAN.2021 12:27:41

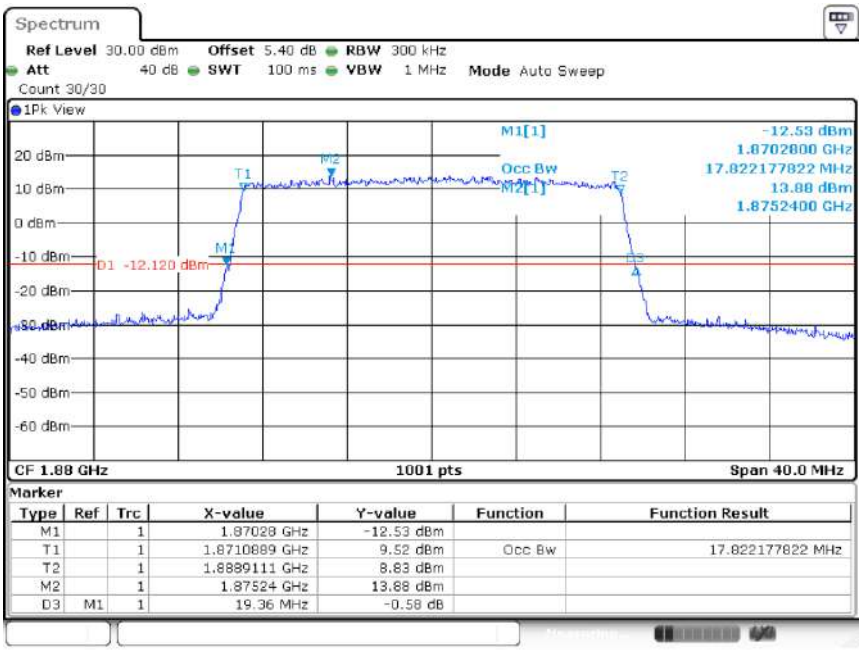
Band2-20MHz-16QAM-18700-100RB#0-17.862



Date: 27.JAN.2021 09:47:39

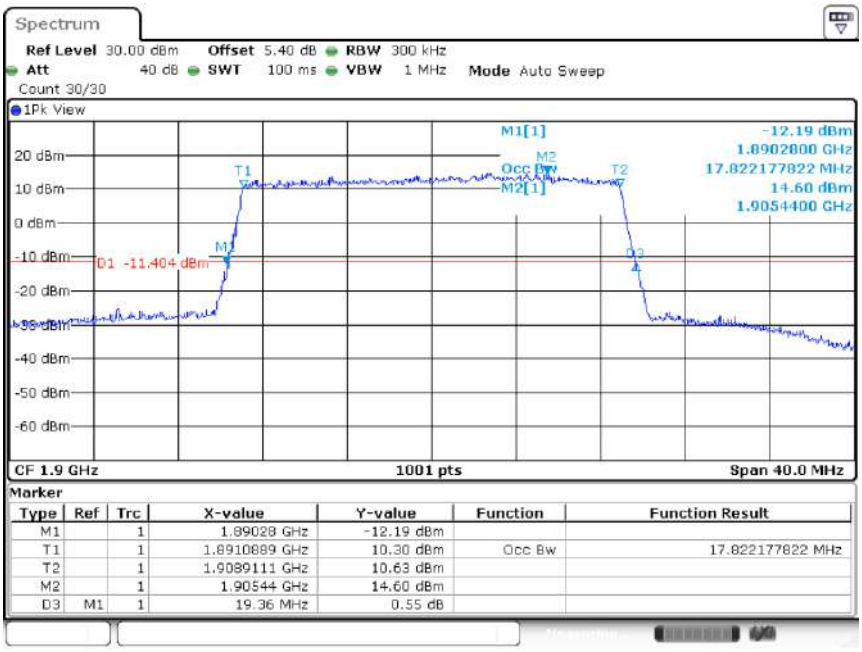
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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-18900-100RB#0-17.822



Date: 27.JAN.2021 09:48:04

Band2-20MHz-16QAM-19100-100RB#0-17.822



Date: 27.JAN.2021 09:48:30

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)

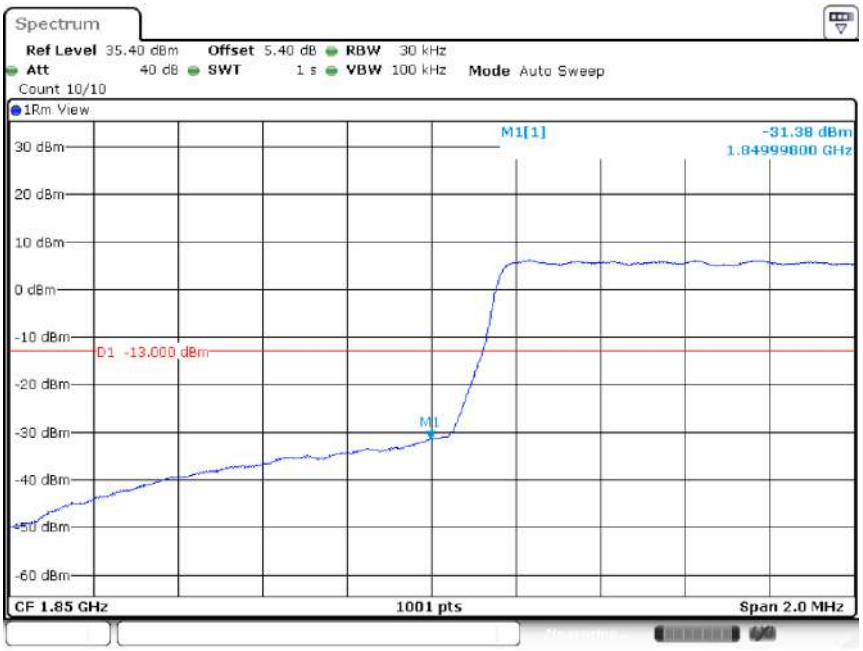
5. Band Edge Compliance

5.1. Test Plots

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

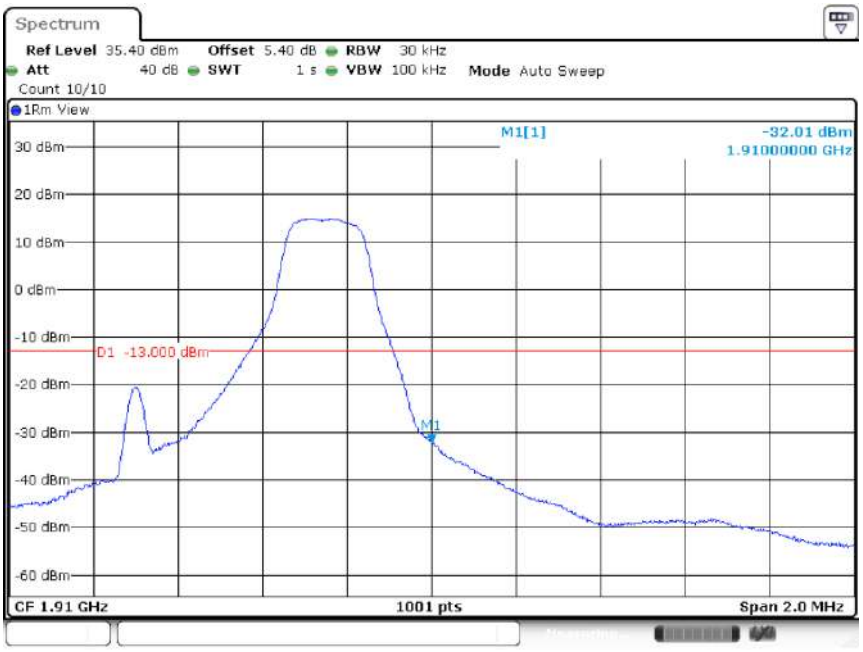
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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: 27.JAN.2021 09:51:48

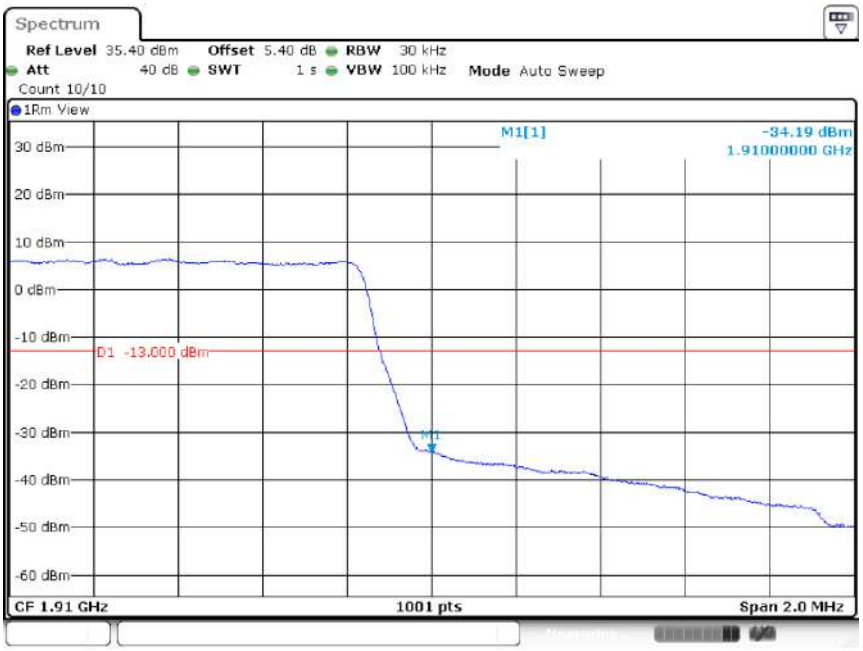
Band2-1.4MHz-QPSK-19193-1RB#5



Date: 27.JAN.2021 09:50:22

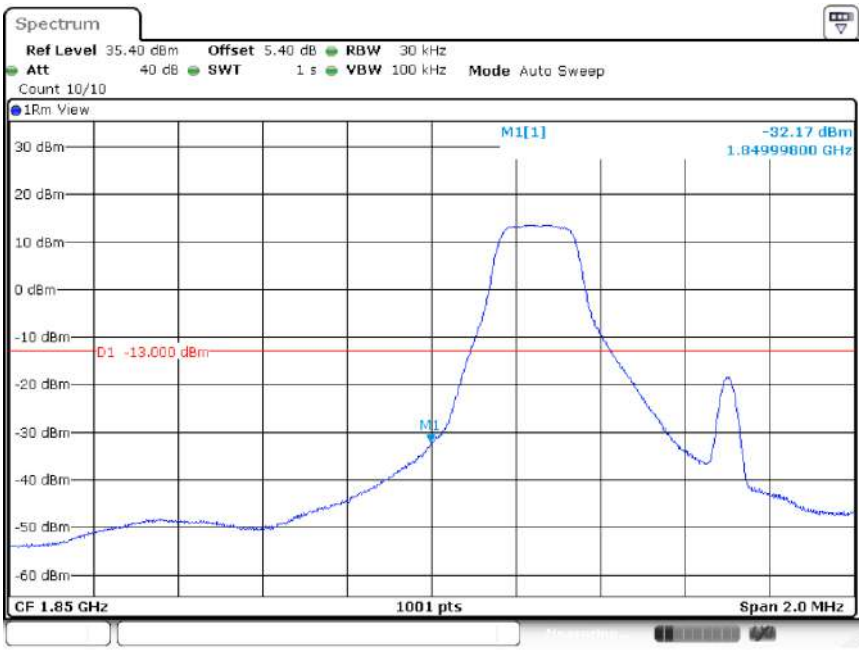
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 27.JAN.2021 09:52:30

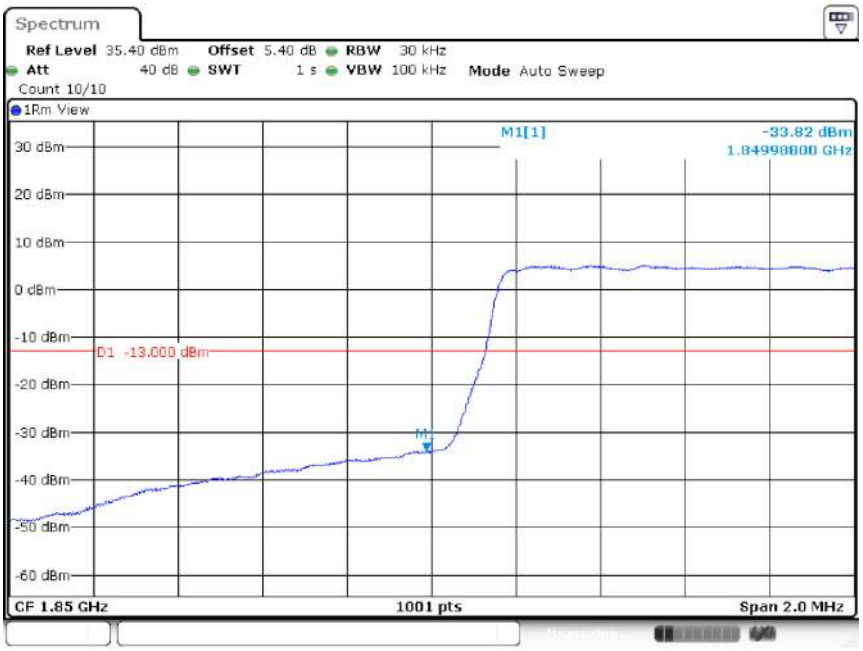
Band2-1.4MHz-64QAM-18607-1RB#0



Date: 27.JAN.2021 12:28:07

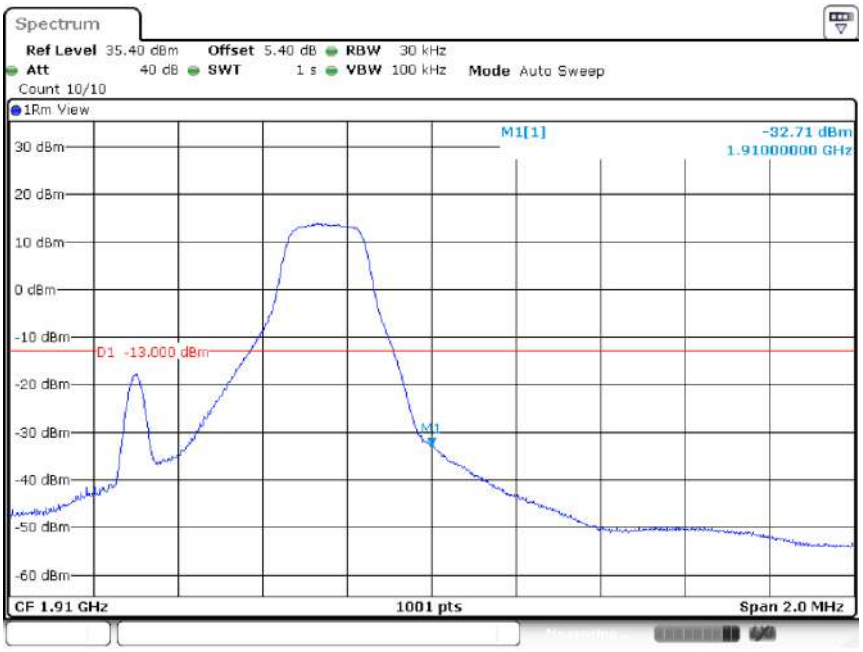
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 27.JAN.2021 12:29:38

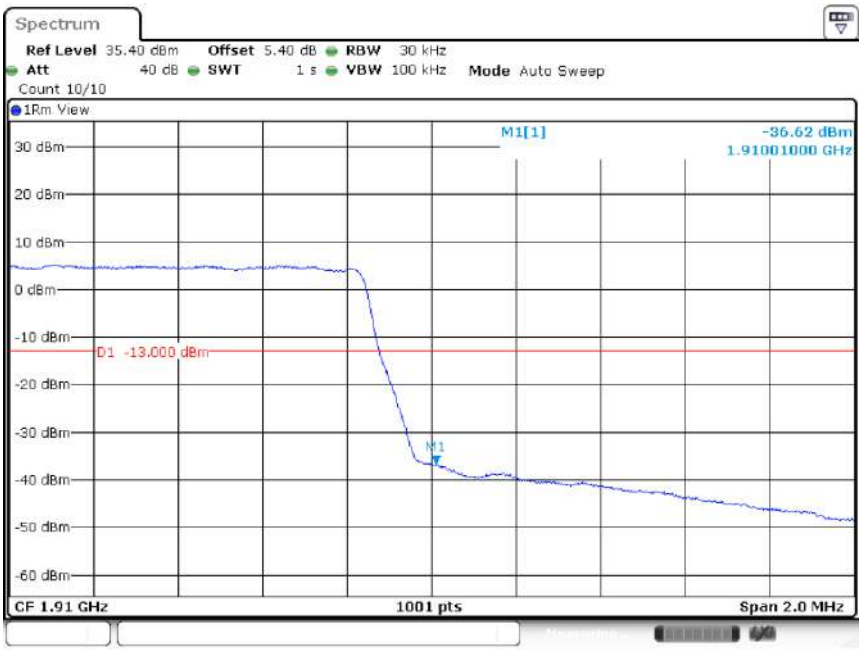
Band2-1.4MHz-64QAM-19193-1RB#5



Date: 27.JAN.2021 12:28:53

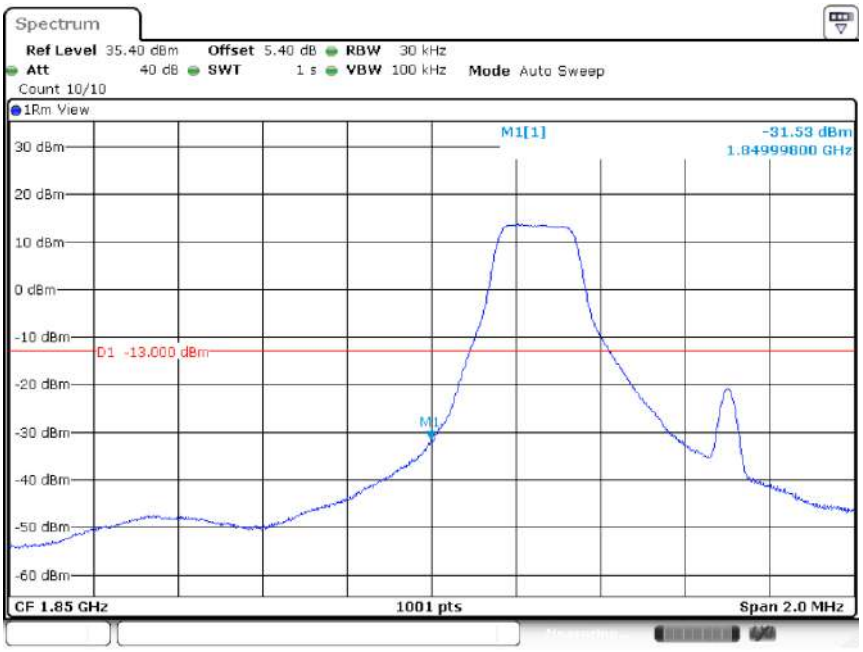
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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: 27.JAN.2021 12:29:59

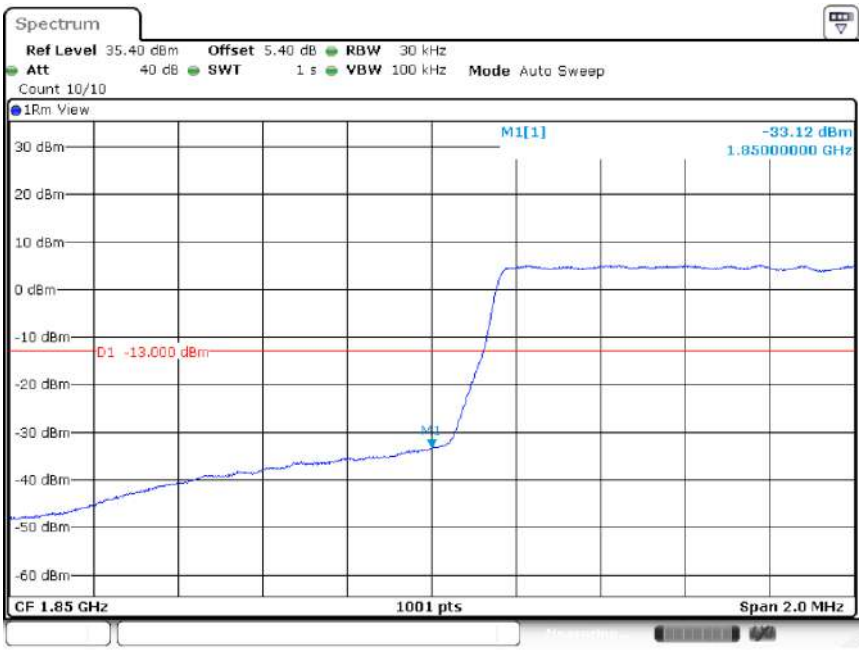
Band2-1.4MHz-16QAM-18607-1RB#0



Date: 27.JAN.2021 09:49:16

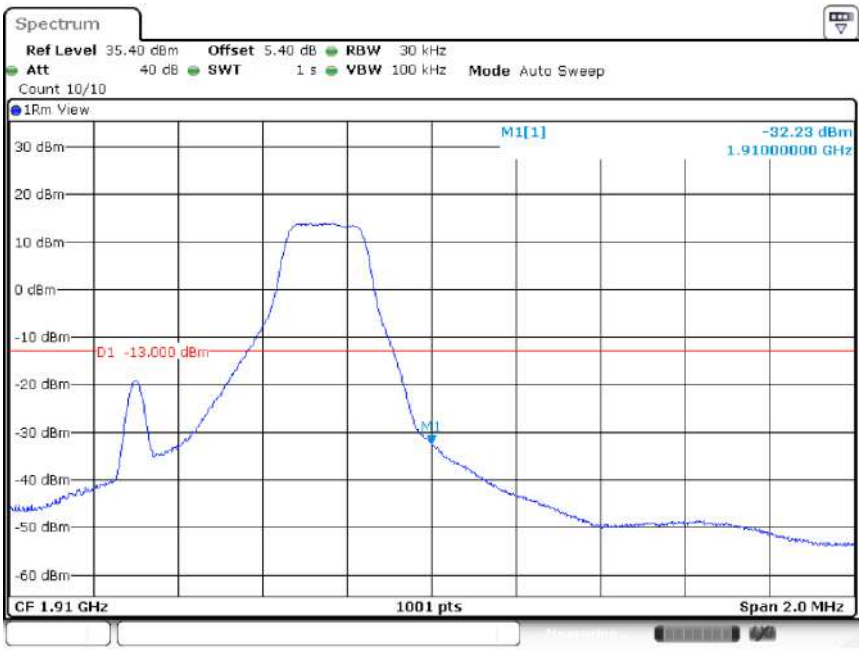
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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: 27.JAN.2021 09:52:09

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



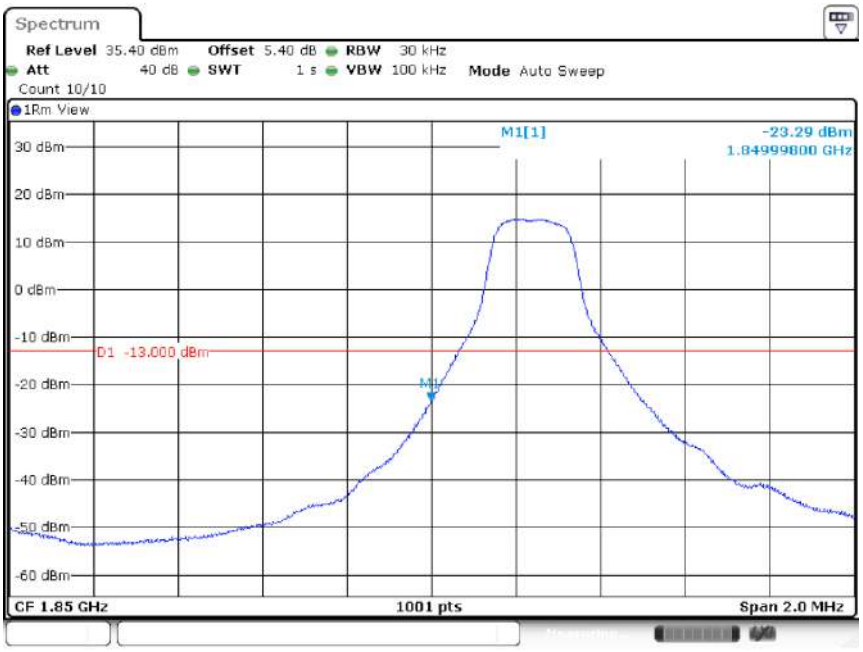
Date: 27.JAN.2021 09:50:43

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx 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: 27.JAN.2021 09:52:50

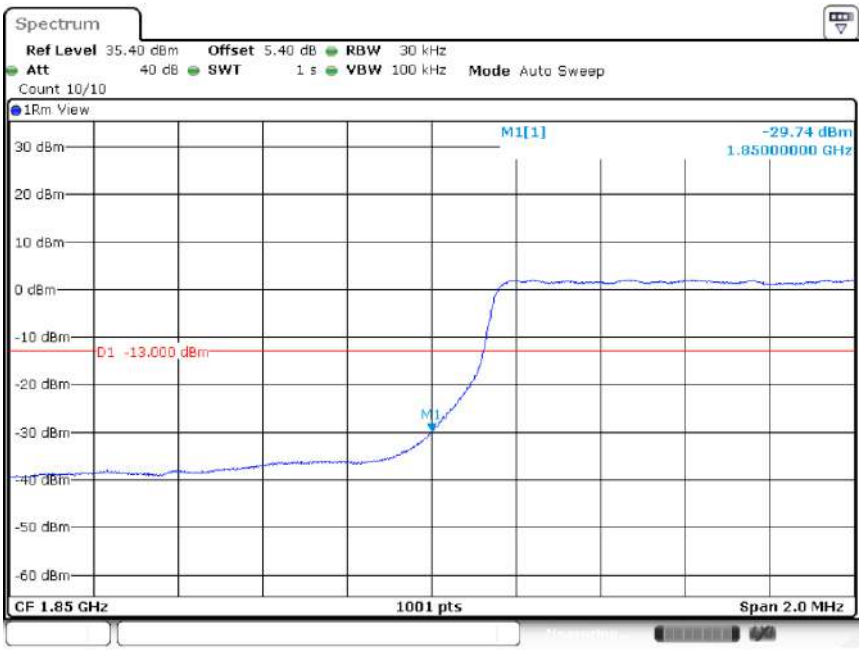
Band2-3MHz-QPSK-18615-1RB#0



Date: 27.JAN.2021 09:53:16

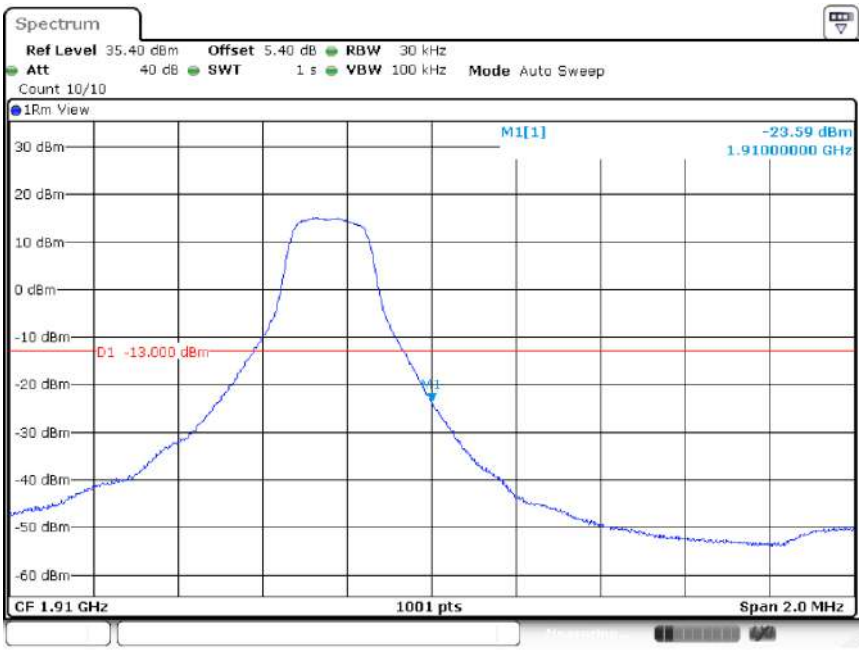
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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: 27.JAN.2021 09:56:09

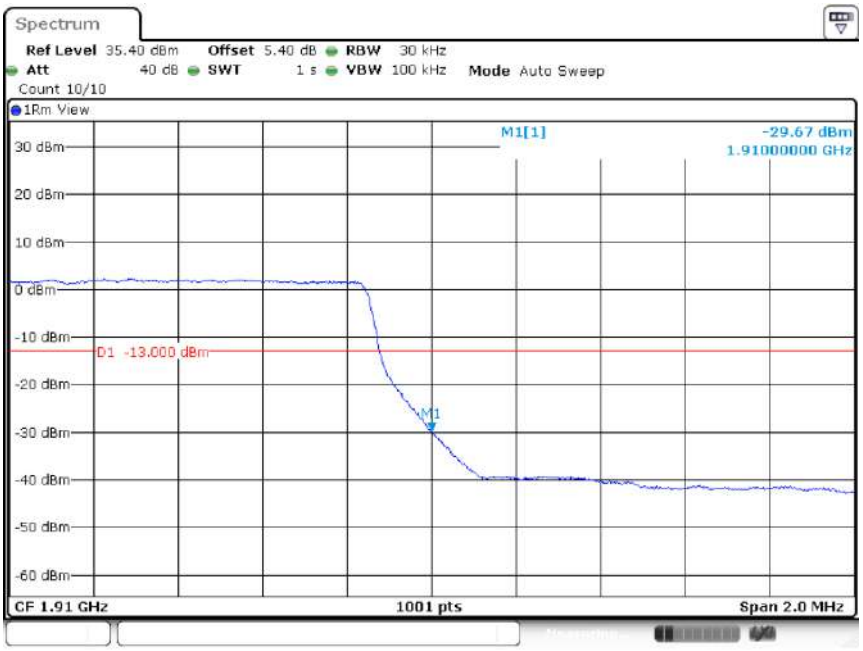
Band2-3MHz-QPSK-19185-1RB#14



Date: 27.JAN.2021 09:54:43

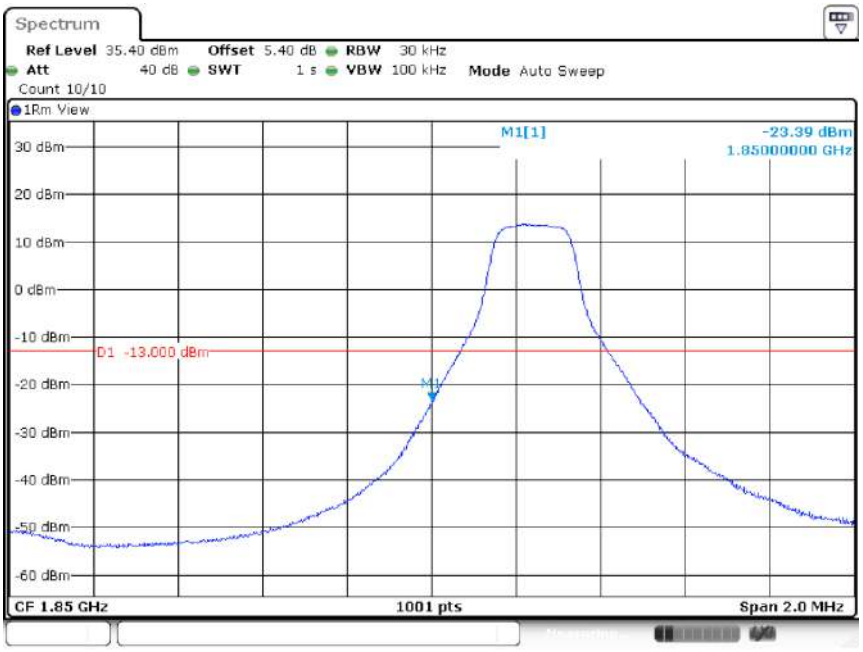
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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: 27.JAN.2021 09:56:50

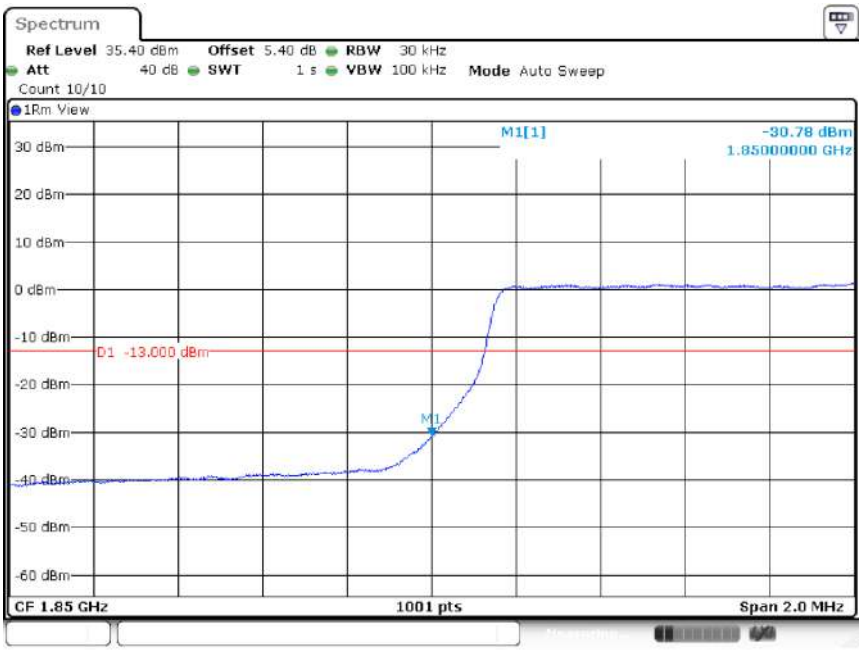
Band2-3MHz-64QAM-18615-1RB#0



Date: 27.JAN.2021 12:30:25

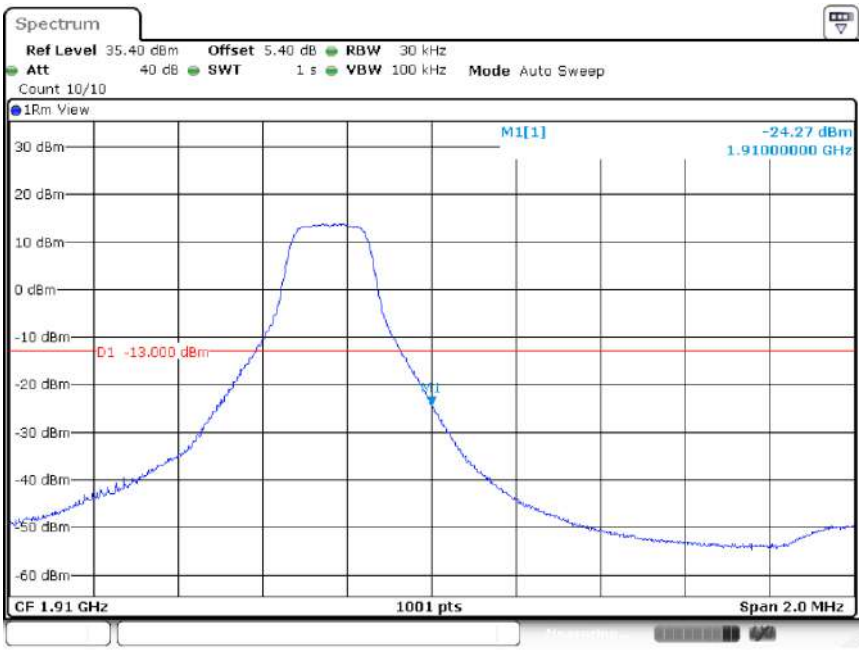
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 27.JAN.2021 12:31:56

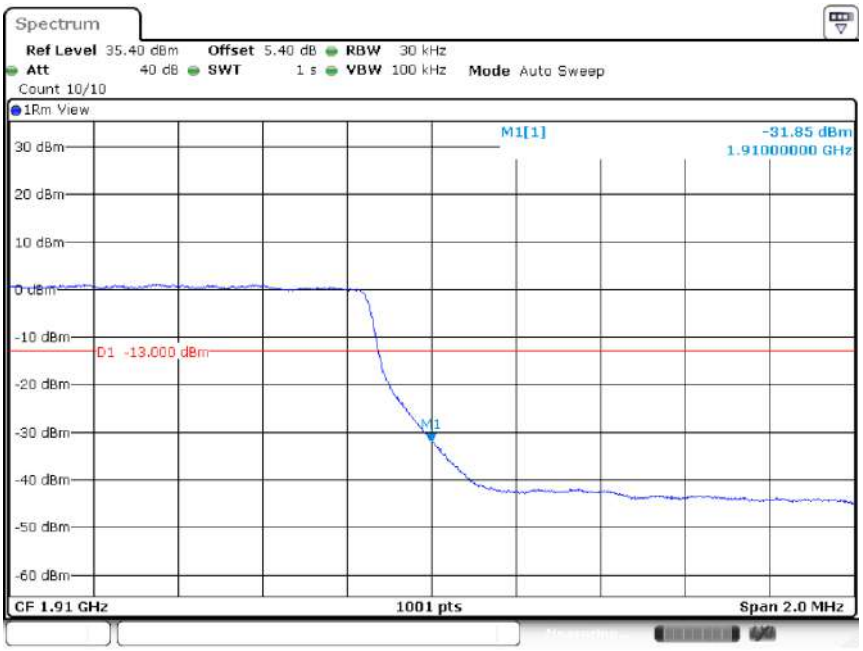
Band2-3MHz-64QAM-19185-1RB#14



Date: 27.JAN.2021 12:31:11

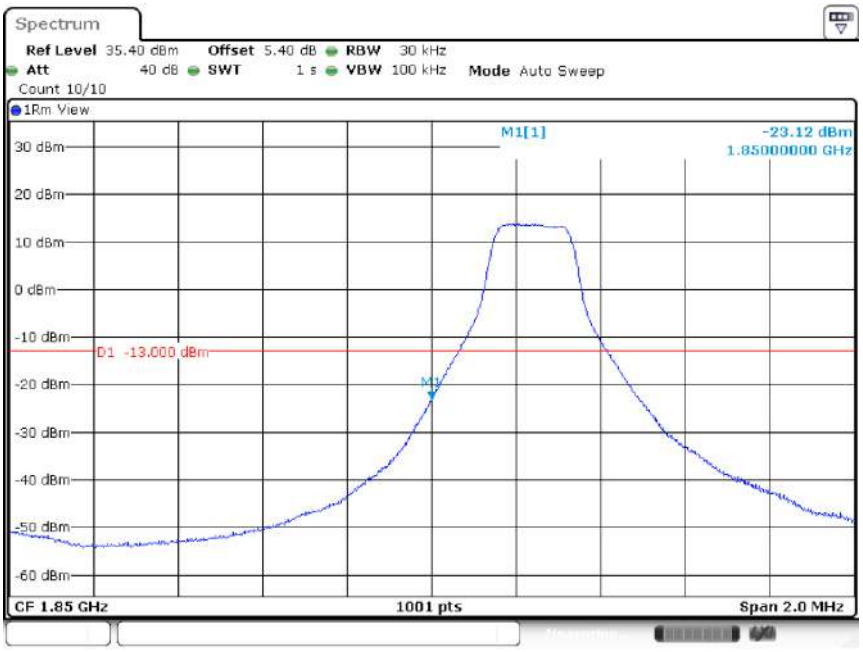
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 27.JAN.2021 12:32:17

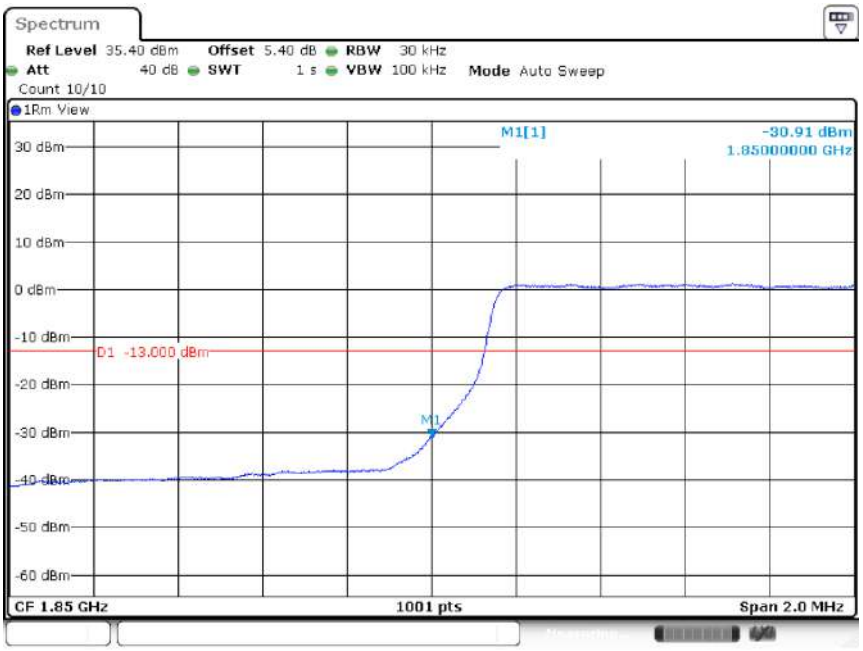
Band2-3MHz-16QAM-18615-1RB#0



Date: 27.JAN.2021 09:53:36

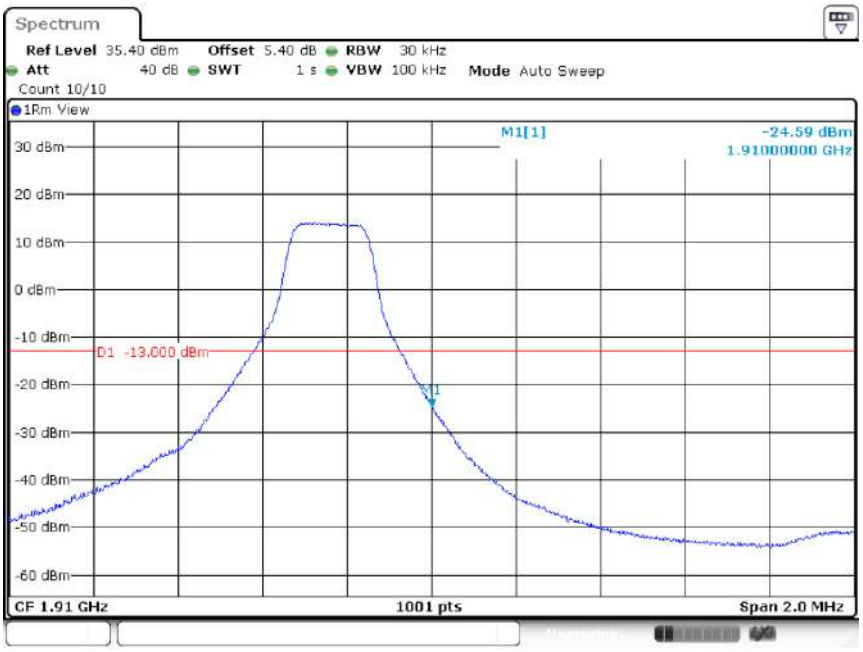
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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
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: 27.JAN.2021 09:56:29

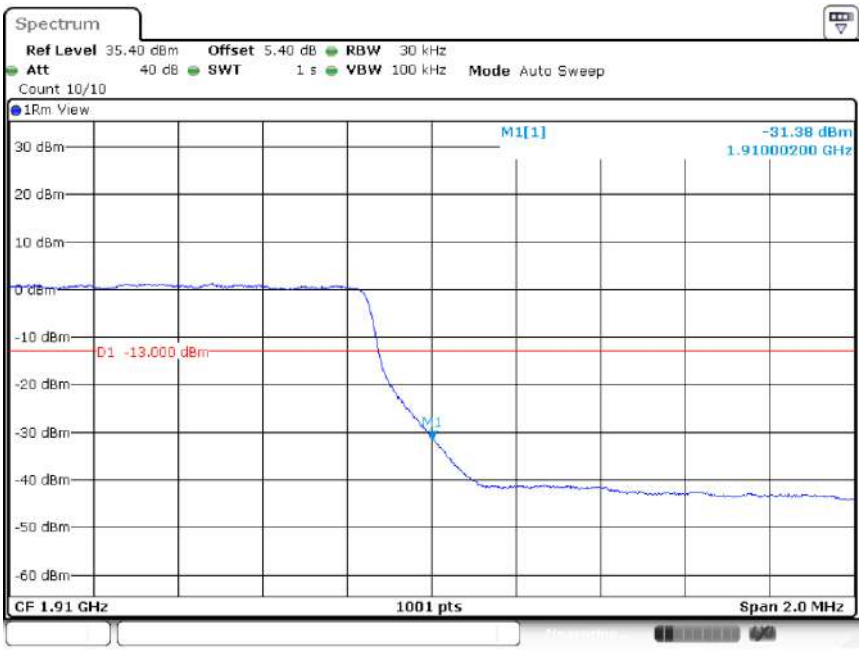
Band2-3MHz-16QAM-19185-1RB#14



Date: 27.JAN.2021 09:55:03

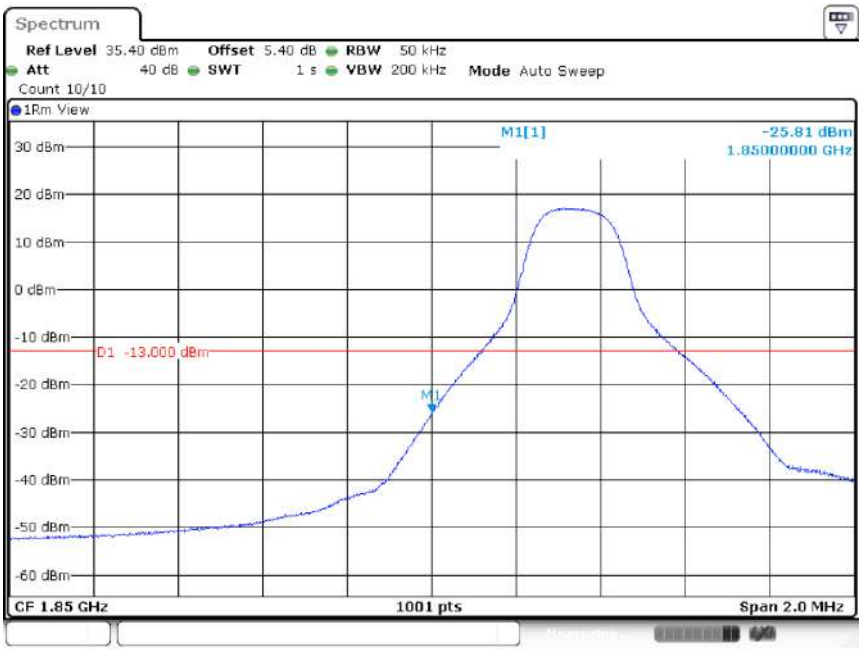
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 27.JAN.2021 09:57:11

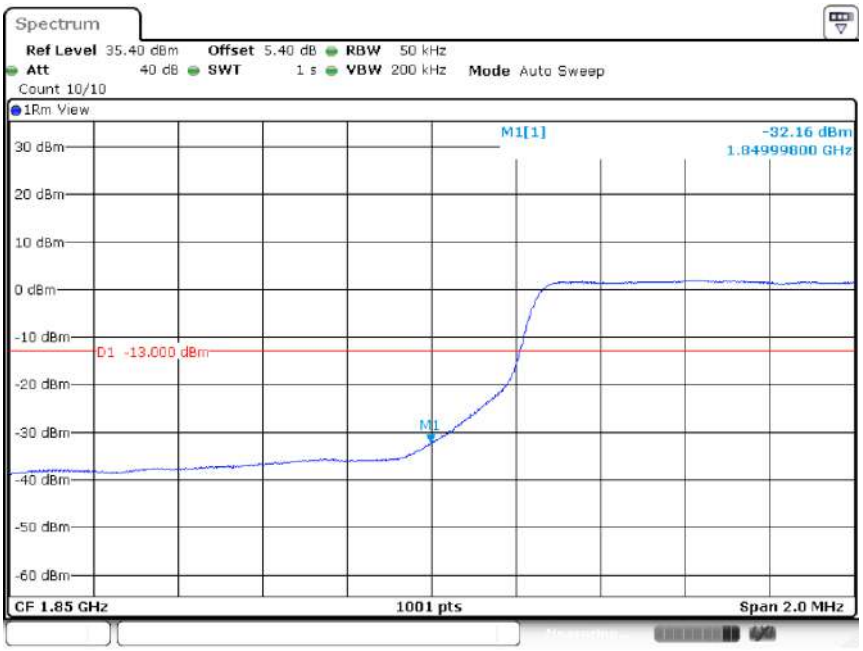
Band2-5MHz-QPSK-18625-1RB#0



Date: 27.JAN.2021 09:57:36

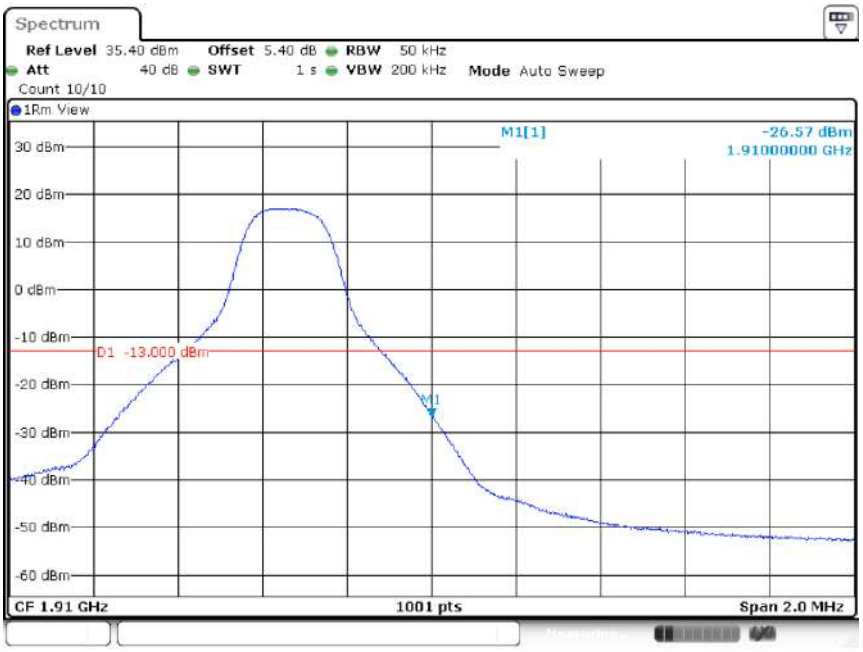
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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
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: 27.JAN.2021 10:00:29

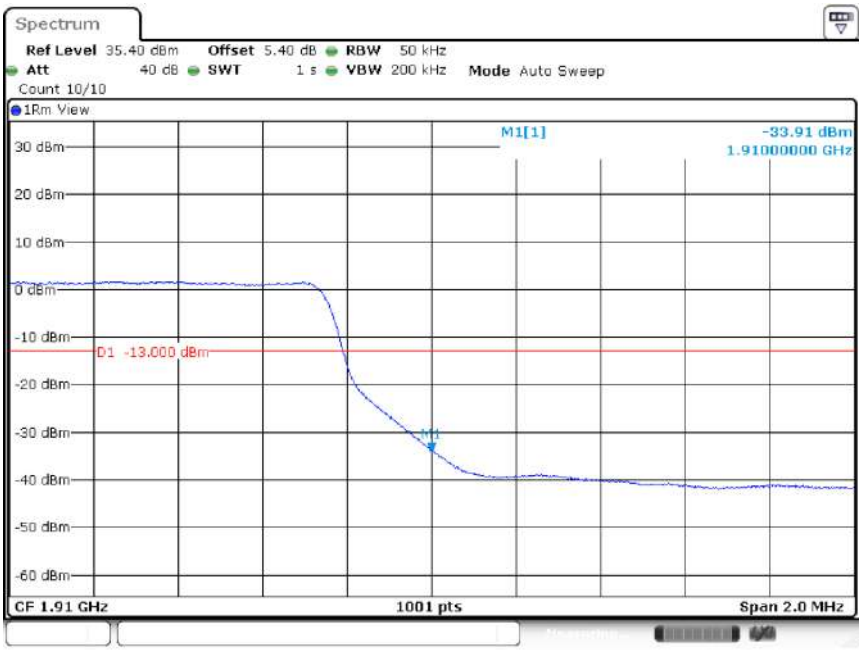
Band2-5MHz-QPSK-19175-1RB#24



Date: 27.JAN.2021 09:59:03

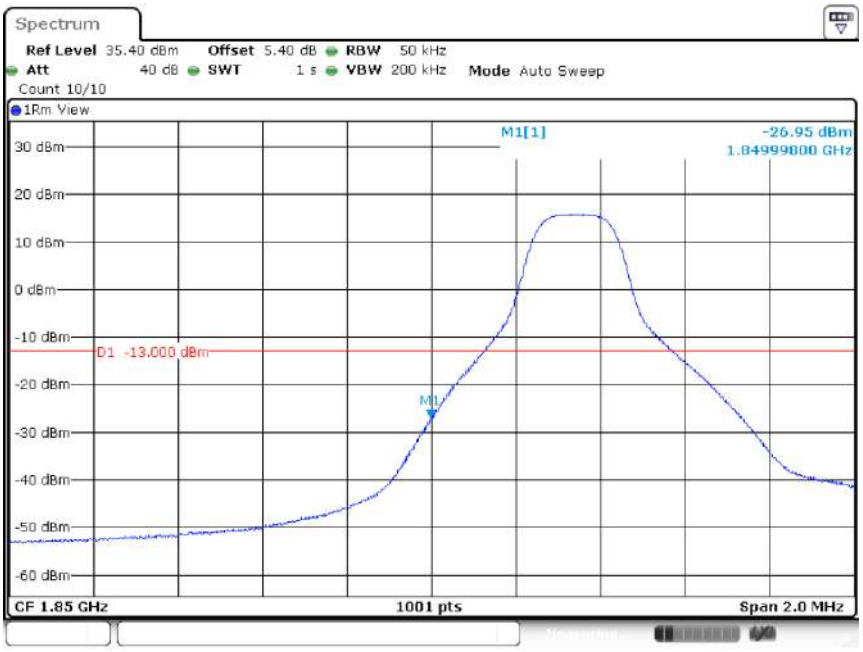
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 27.JAN.2021 10:01:10

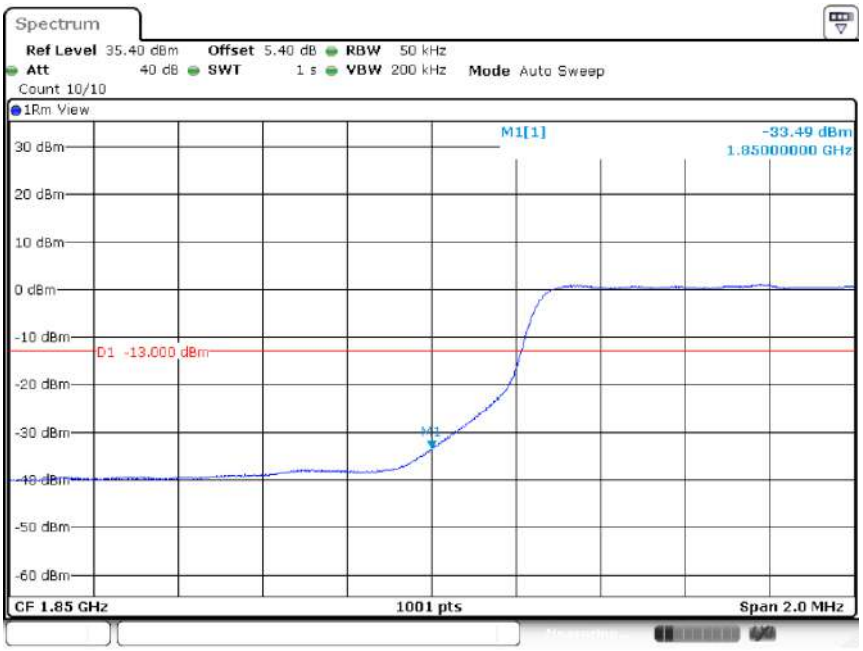
Band2-5MHz-64QAM-18625-1RB#0



Date: 27.JAN.2021 12:32:43

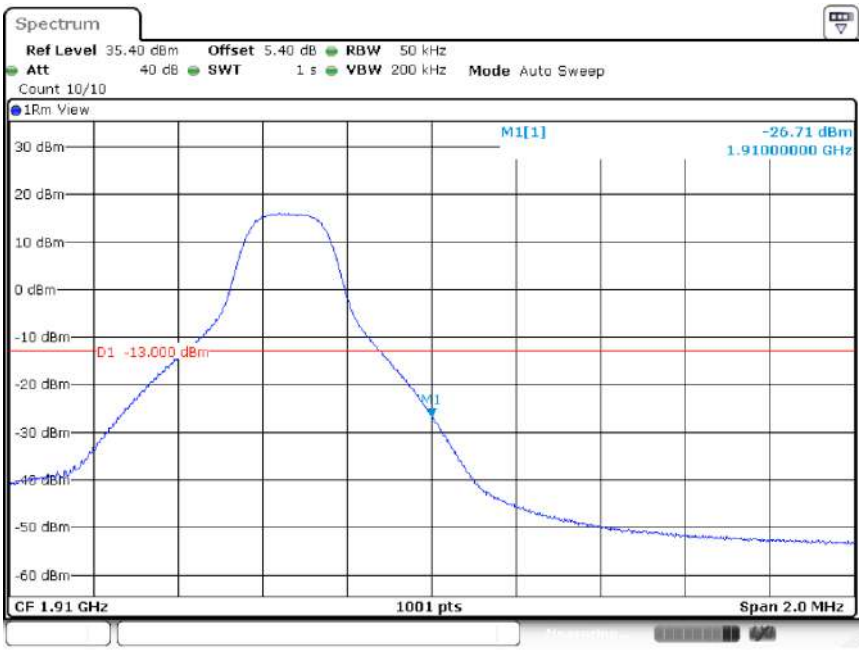
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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-64QAM-18625-25RB#0



Date: 27.JAN.2021 12:34:15

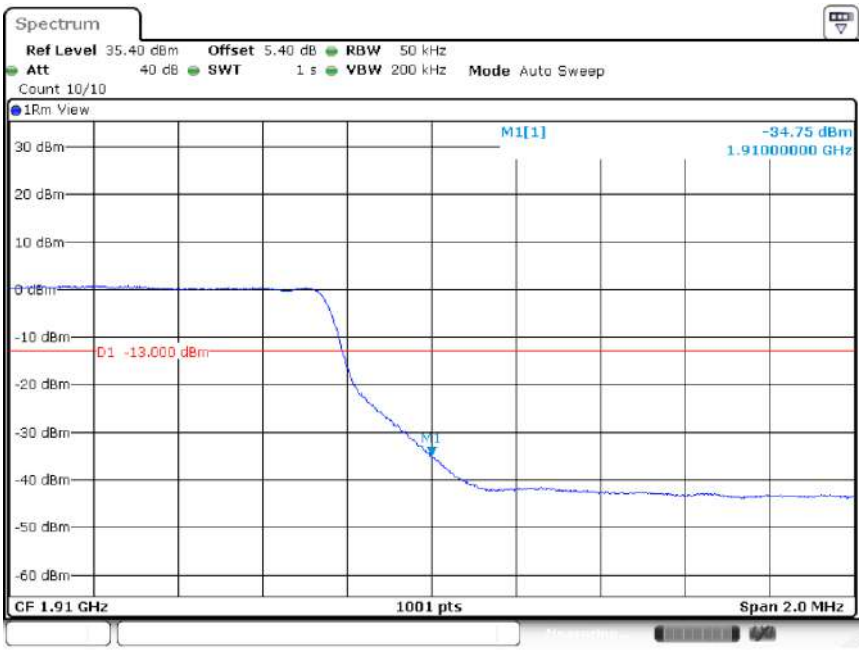
Band2-5MHz-64QAM-19175-1RB#24



Date: 27.JAN.2021 12:33:29

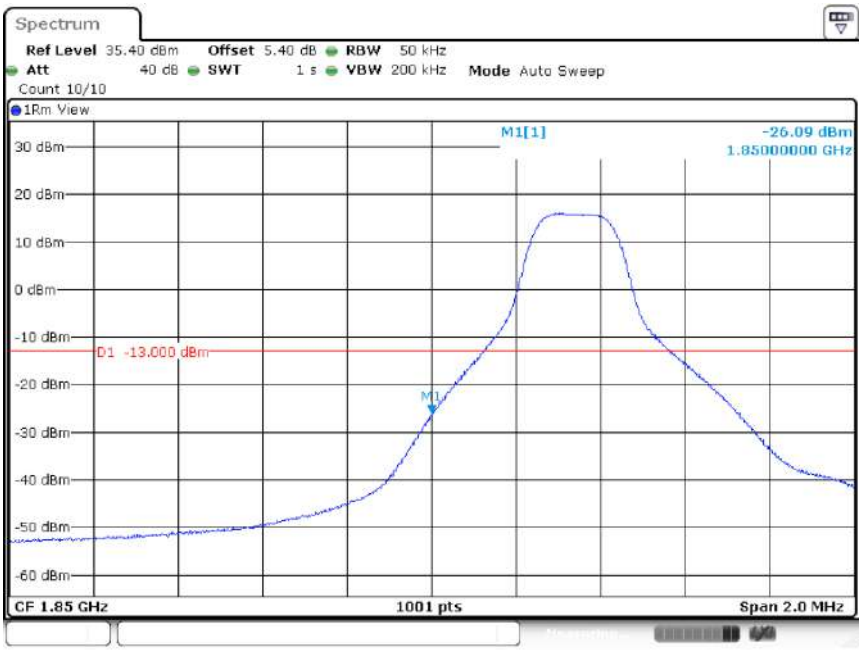
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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-64QAM-19175-25RB#0



Date: 27.JAN.2021 12:34:35

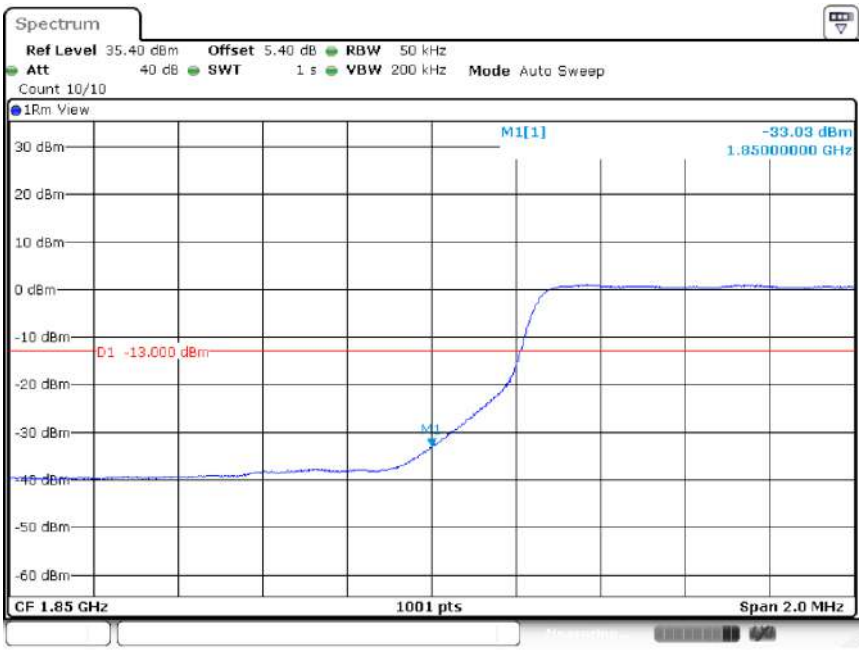
Band2-5MHz-16QAM-18625-1RB#0



Date: 27.JAN.2021 09:57:57

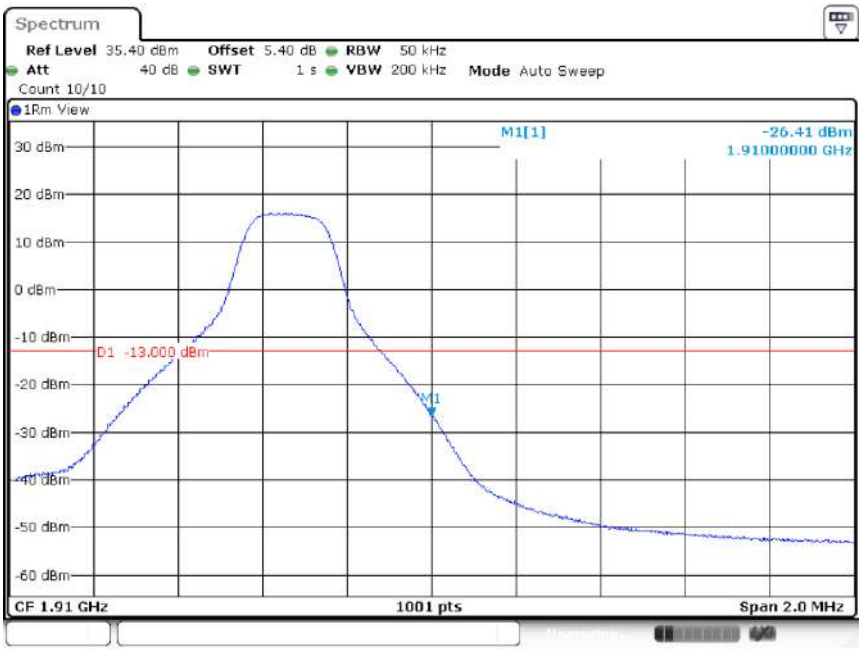
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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-16QAM-18625-25RB#0



Date: 27.JAN.2021 10:00:49

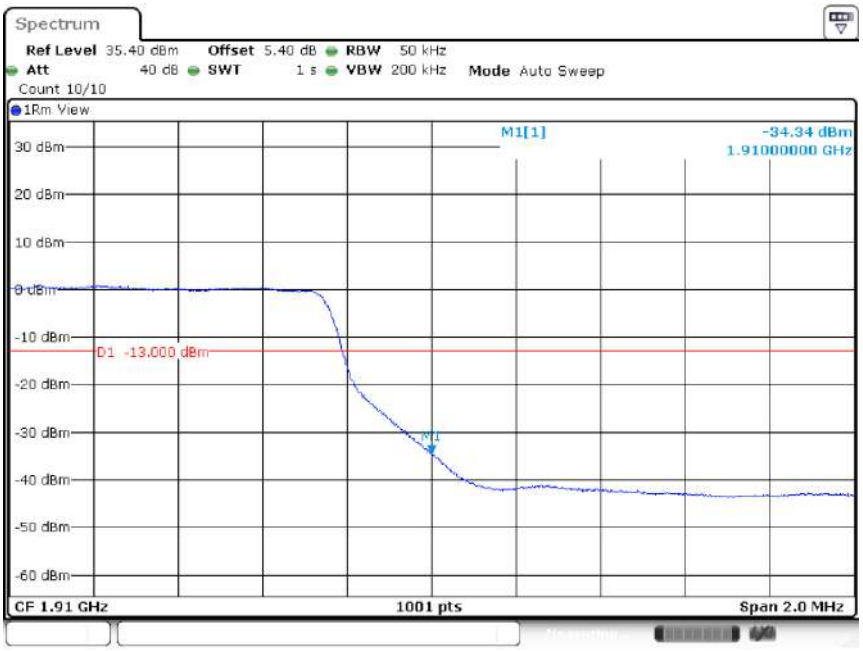
Band2-5MHz-16QAM-19175-1RB#24



Date: 27.JAN.2021 09:59:23

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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-16QAM-19175-25RB#0



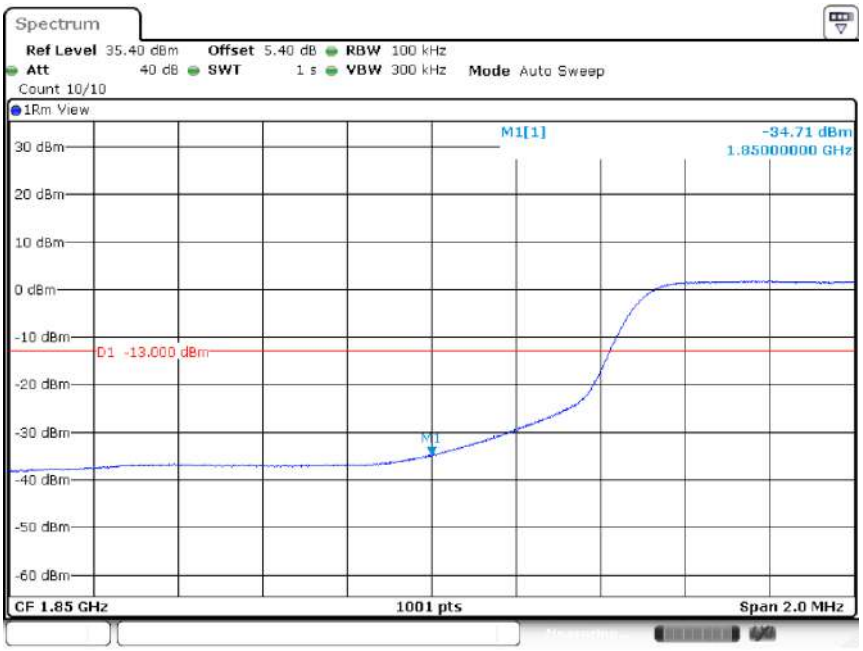
Date: 27.JAN.2021 10:01:31

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

Date: 27.JAN.2021 10:01:56

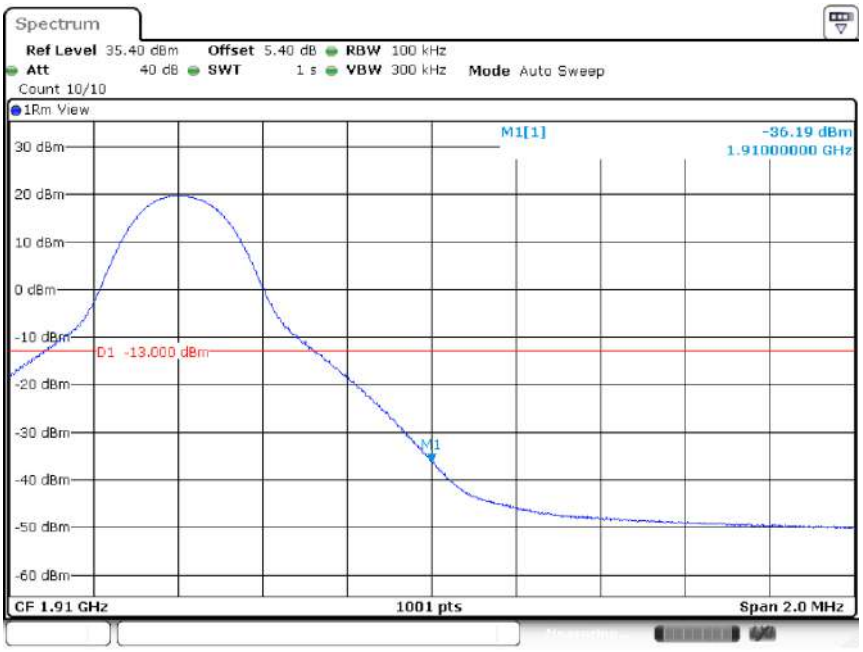
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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
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-18650-50RB#0



Date: 27.JAN.2021 10:04:49

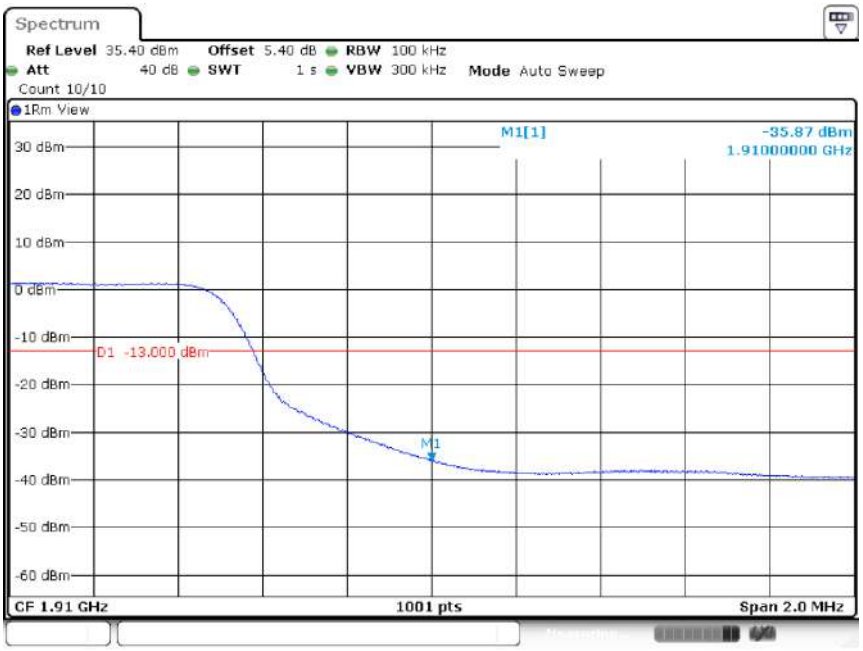
Band2-10MHz-QPSK-19150-1RB#49



Date: 27.JAN.2021 10:03:22

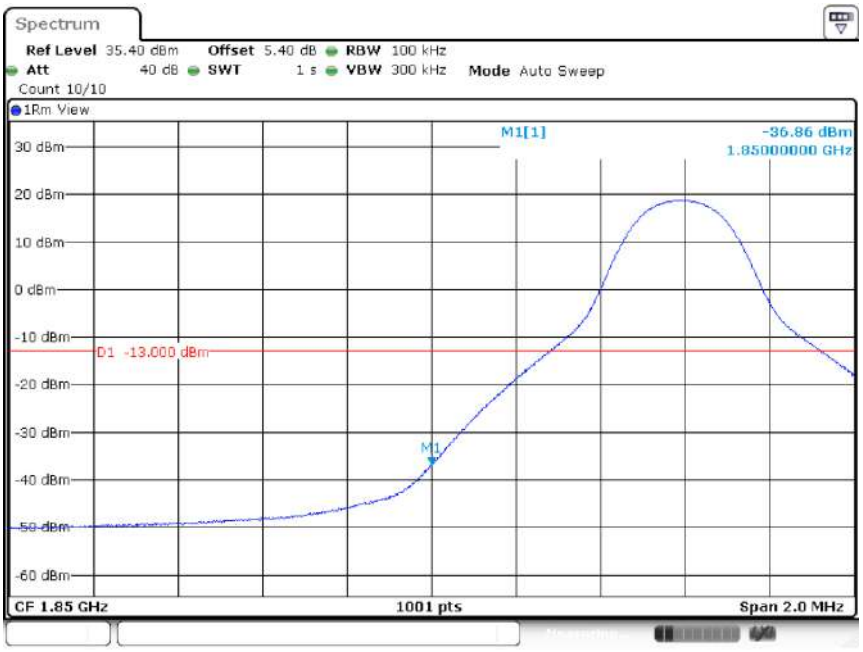
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 27.JAN.2021 10:05:30

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



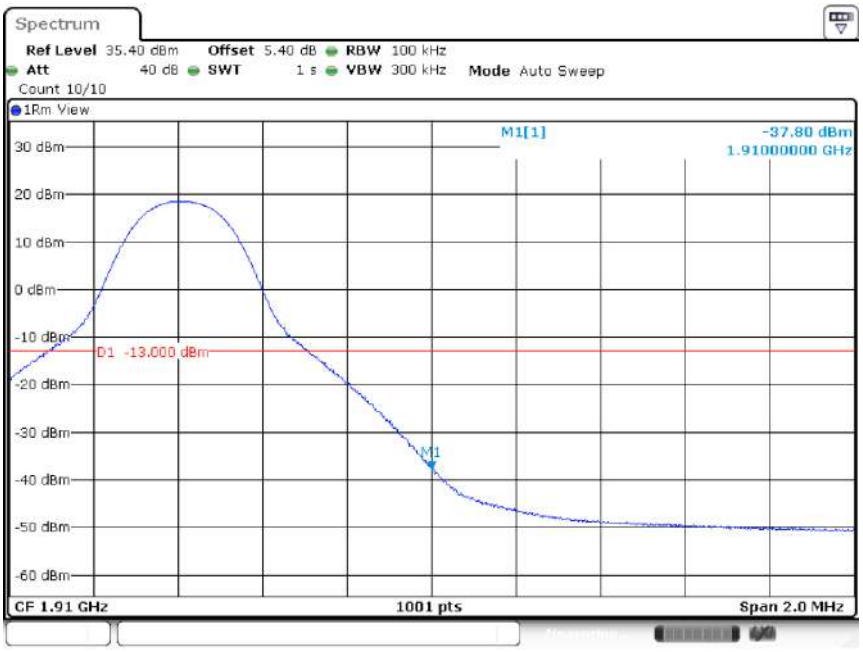
Date: 27.JAN.2021 12:35:01

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)

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

Date: 27.JAN.2021 12:36:33

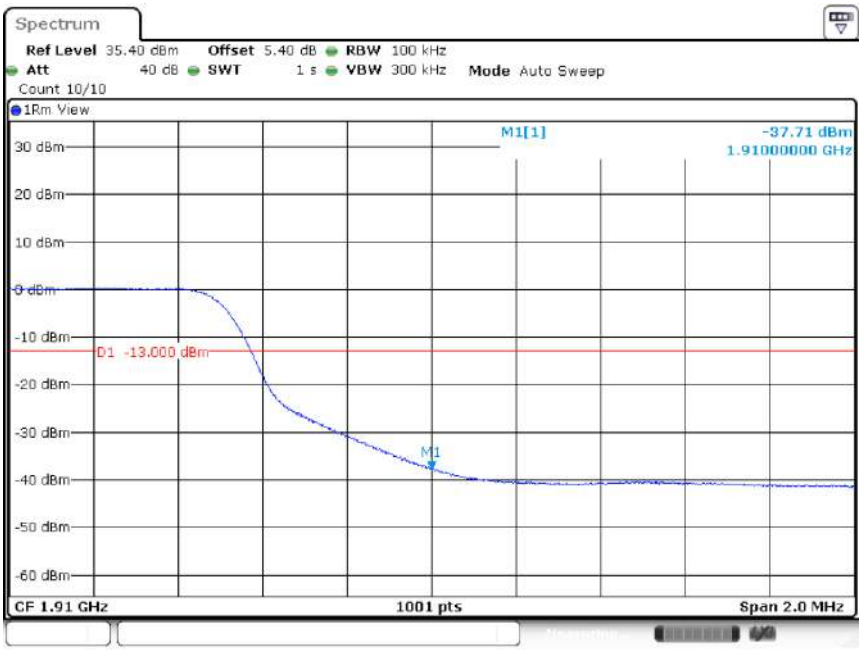
Band2-10MHz-64QAM-19150-1RB#49



Date: 27.JAN.2021 12:35:47

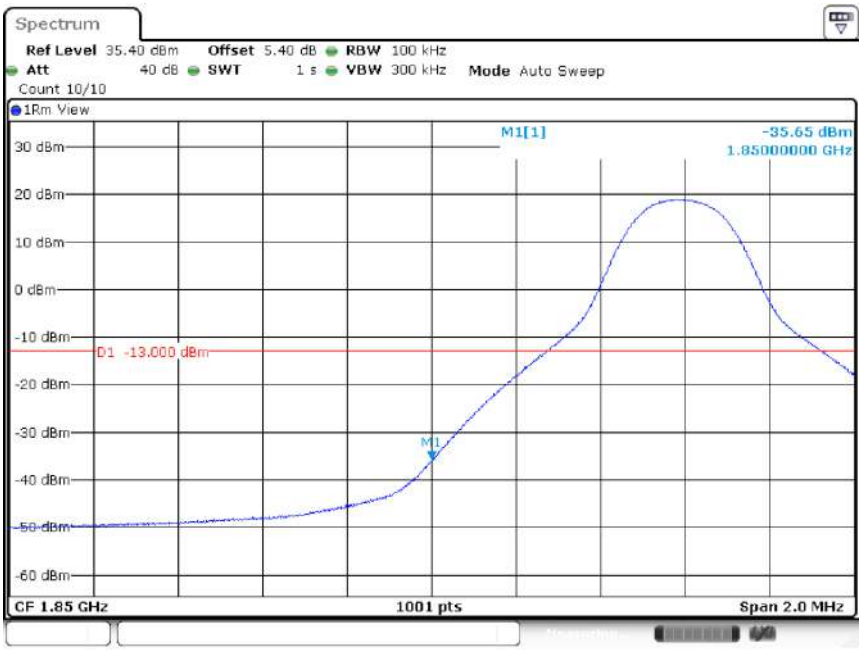
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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



Date: 27.JAN.2021 12:36:54

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



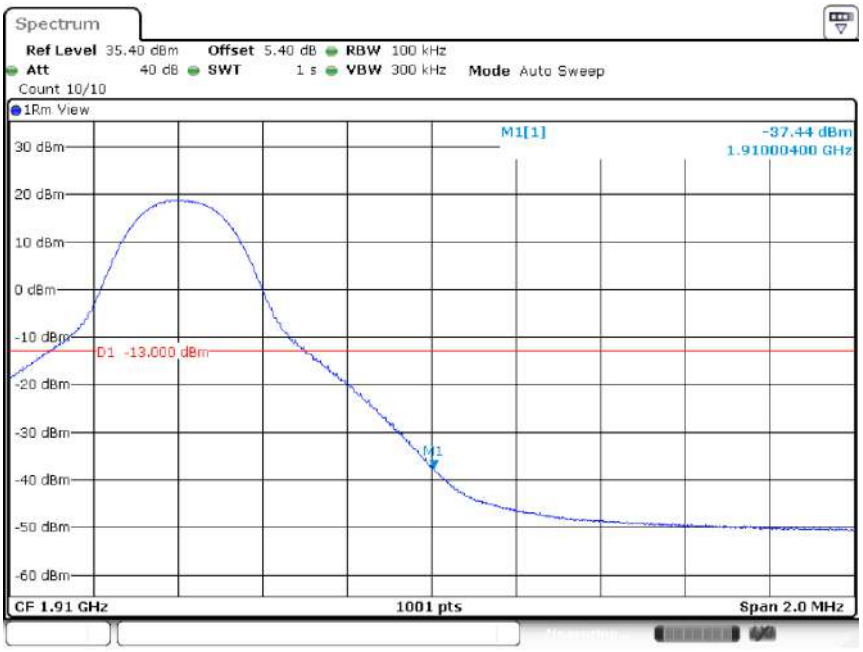
Date: 27.JAN.2021 10:02:17

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)

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

Date: 27.JAN.2021 10:05:09

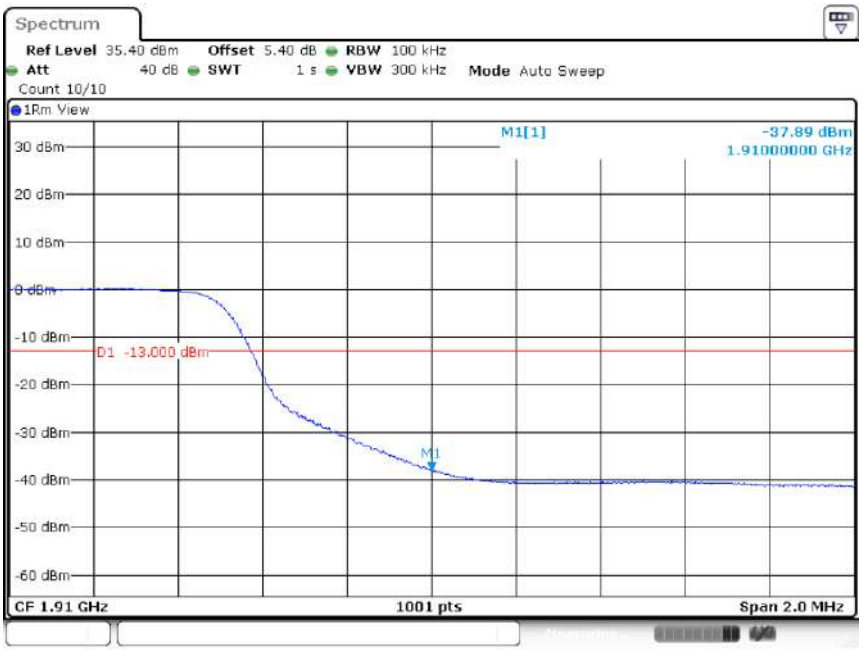
Band2-10MHz-16QAM-19150-1RB#49



Date: 27.JAN.2021 10:03:43

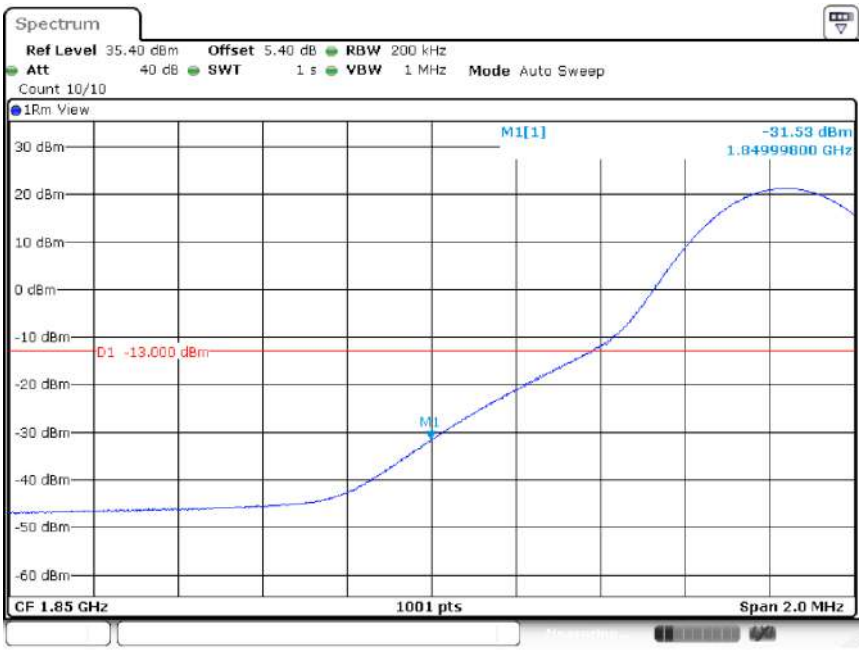
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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-19150-50RB#0



Date: 27.JAN.2021 10:05:51

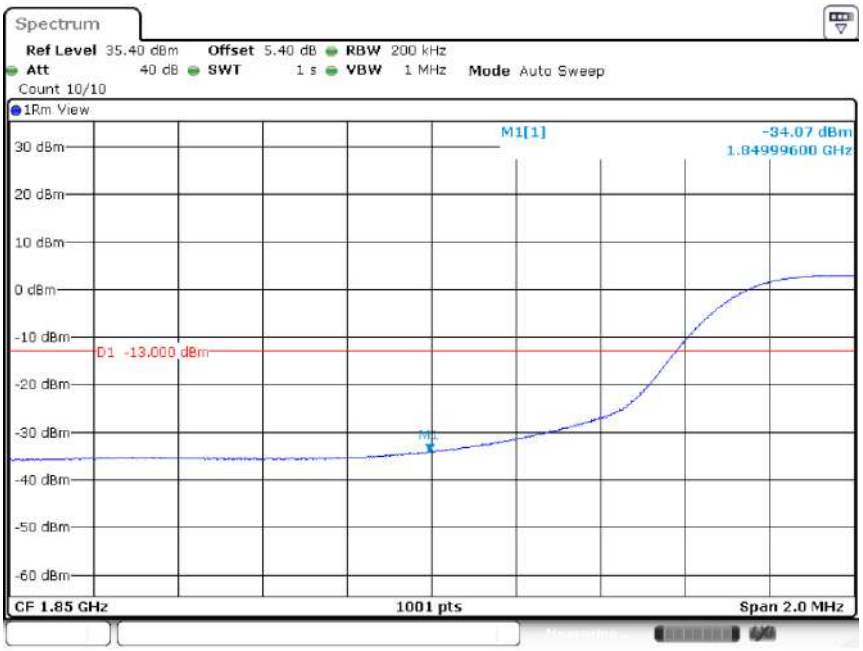
Band2-15MHz-QPSK-18675-1RB#0



Date: 27.JAN.2021 10:06:16

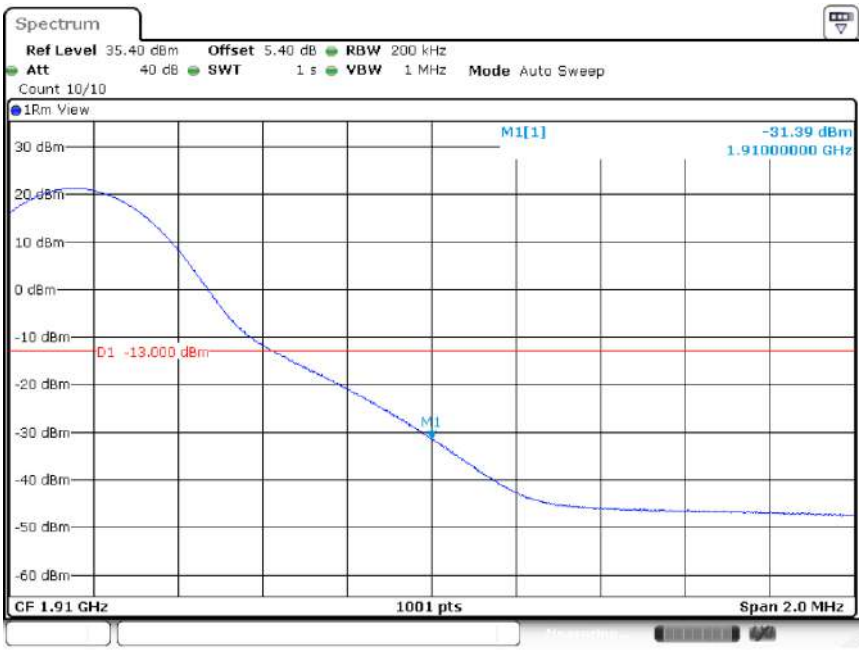
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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: 27.JAN.2021 10:09:09

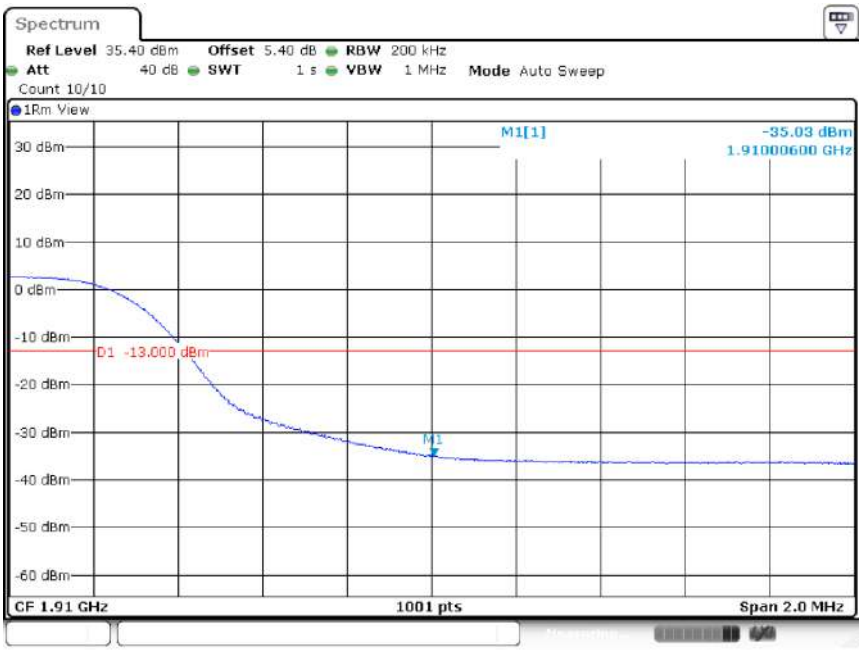
Band2-15MHz-QPSK-19125-1RB#74



Date: 27.JAN.2021 10:07:42

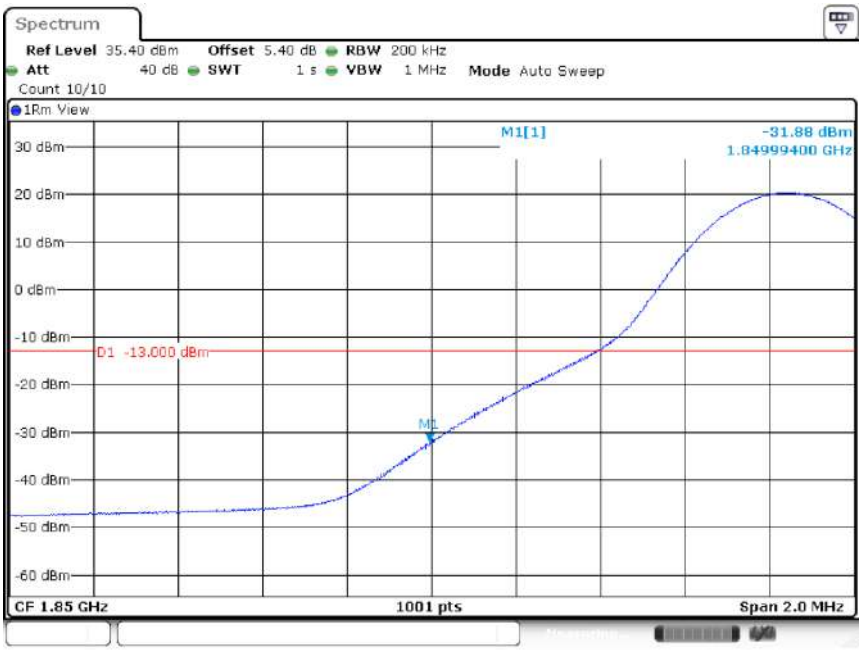
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 27.JAN.2021 10:09:50

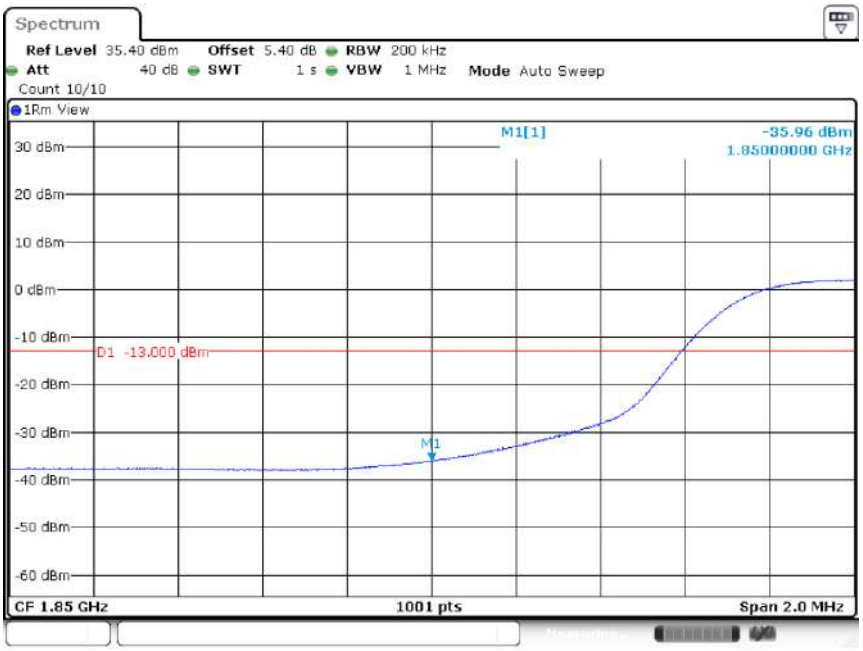
Band2-15MHz-64QAM-18675-1RB#0



Date: 27.JAN.2021 12:37:21

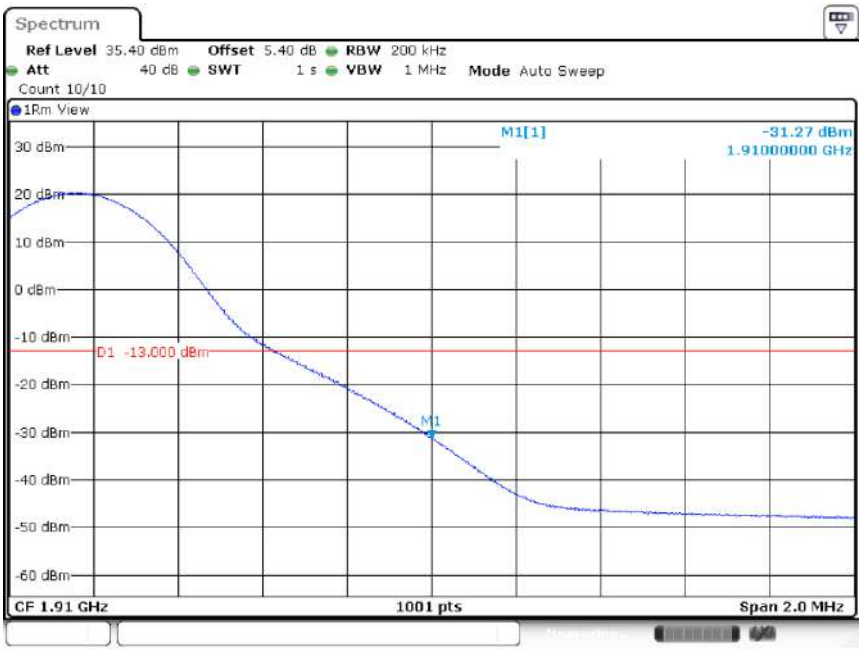
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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
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: 27.JAN.2021 12:38:52

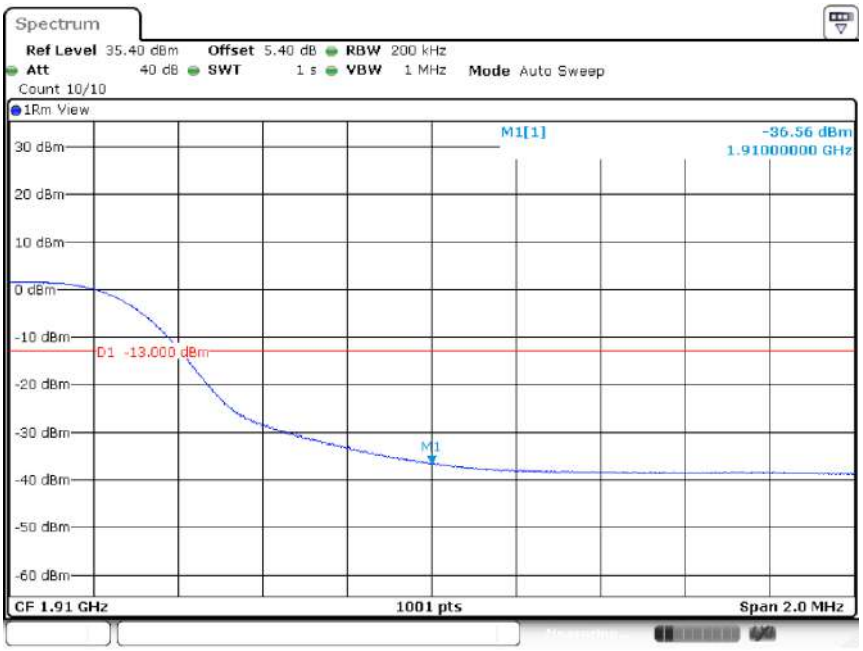
Band2-15MHz-64QAM-19125-1RB#74



Date: 27.JAN.2021 12:38:07

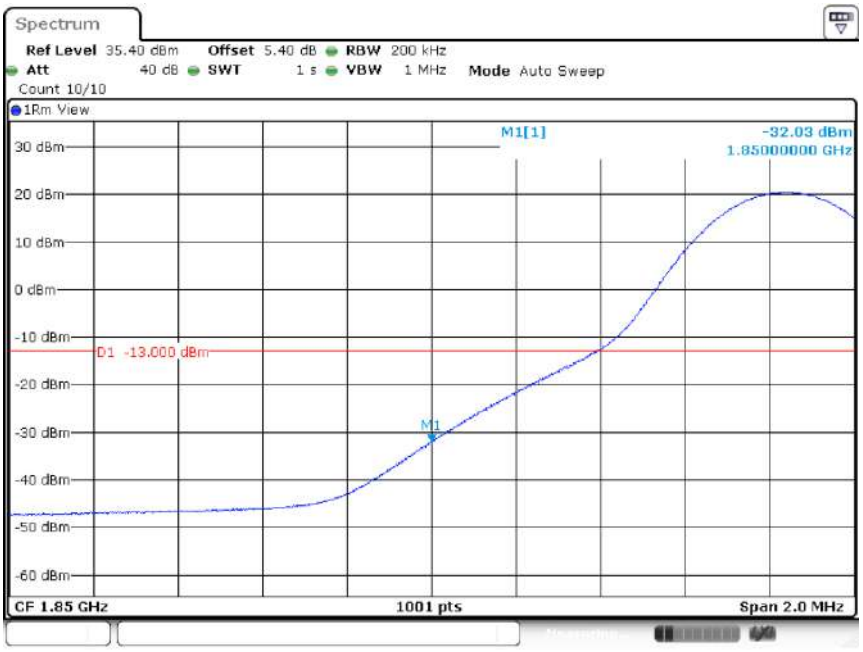
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 27.JAN.2021 12:39:13

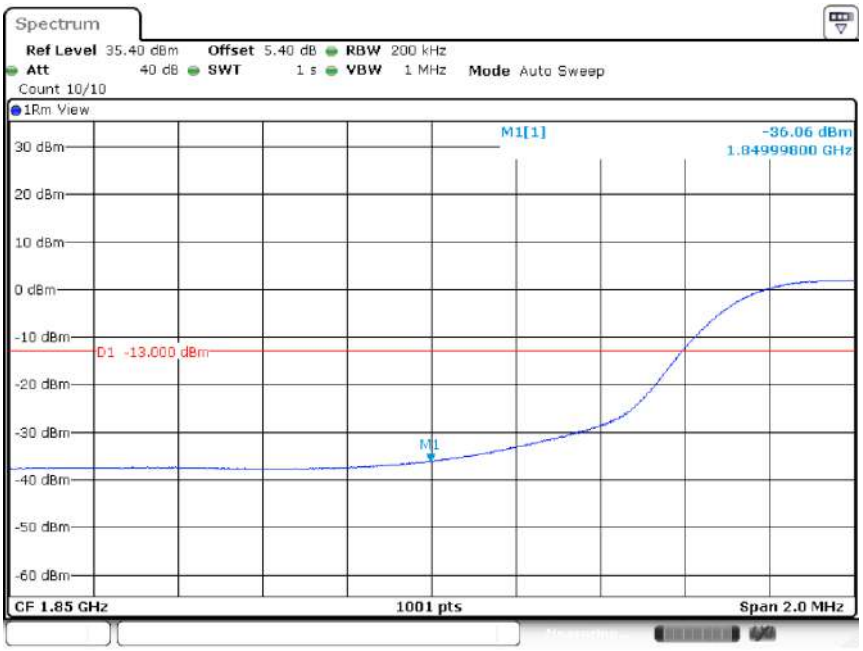
Band2-15MHz-16QAM-18675-1RB#0



Date: 27.JAN.2021 10:06:36

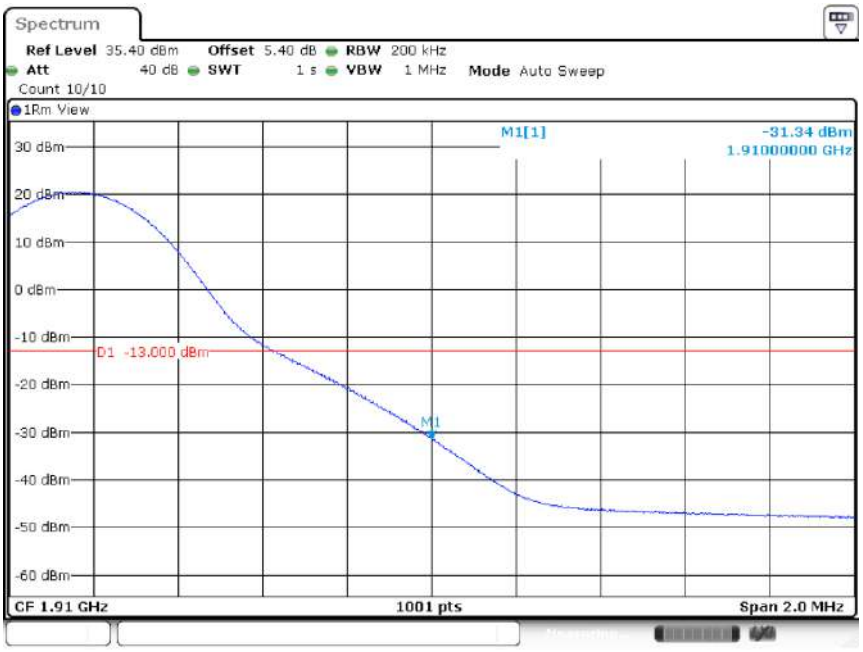
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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
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: 27.JAN.2021 10:09:29

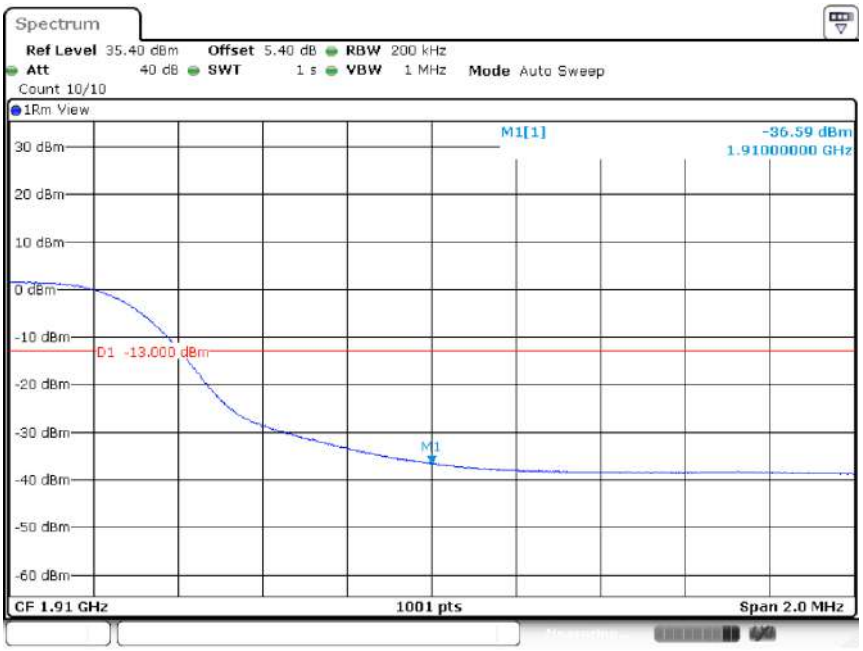
Band2-15MHz-16QAM-19125-1RB#74



Date: 27.JAN.2021 10:08:03

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)

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



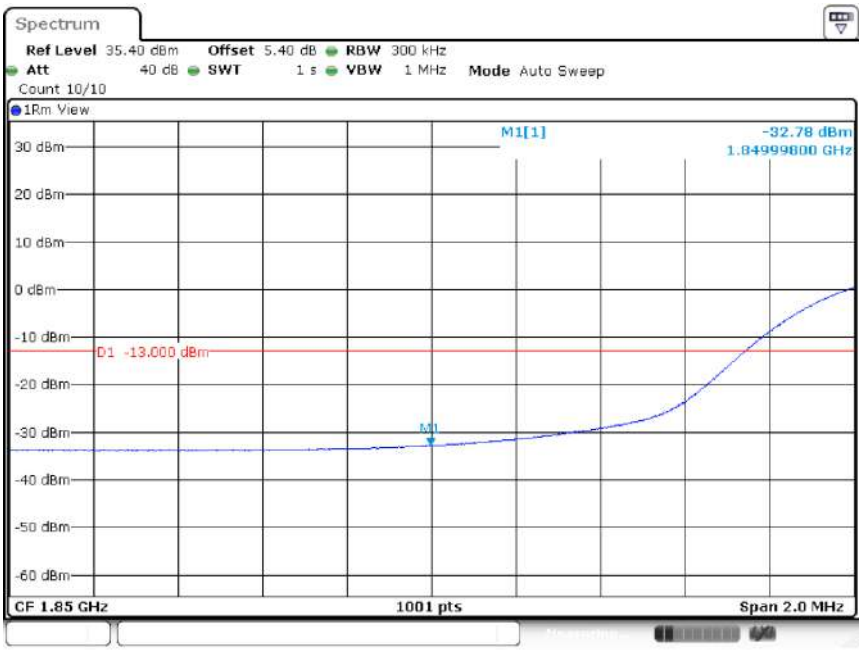
Date: 27.JAN.2021 10:10:11

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

Date: 27.JAN.2021 10:10:36

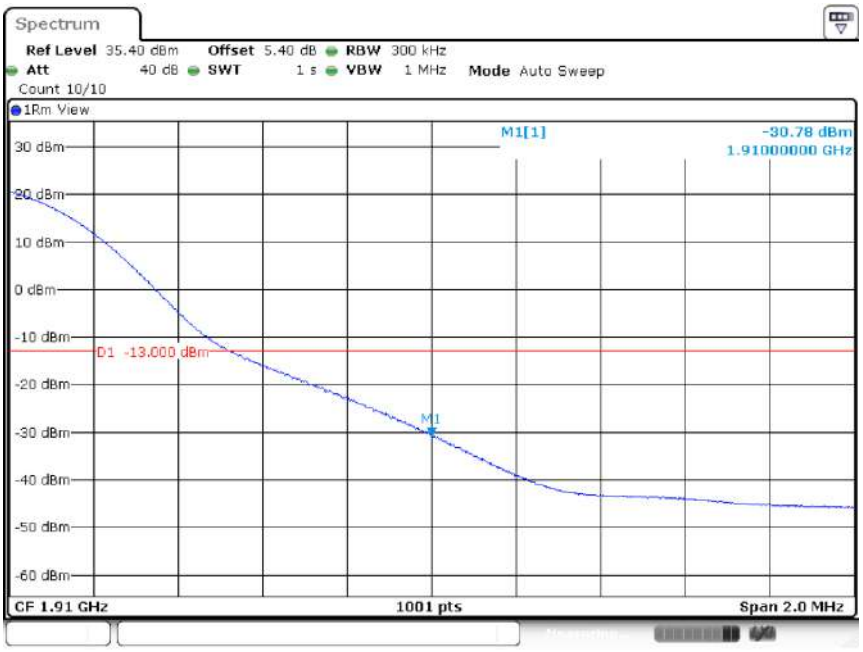
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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
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: 27.JAN.2021 10:13:29

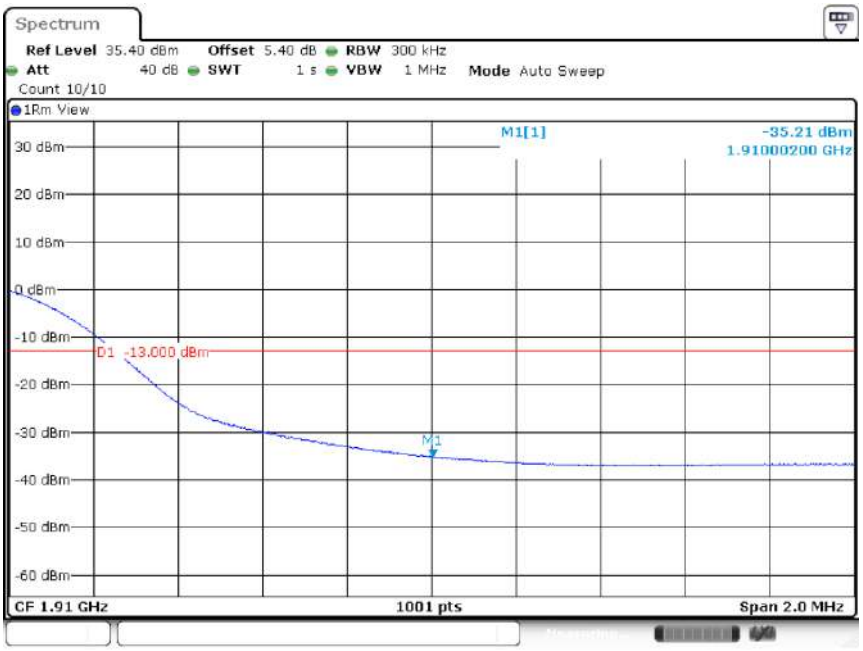
Band2-20MHz-QPSK-19100-1RB#99



Date: 27.JAN.2021 10:12:03

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)

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



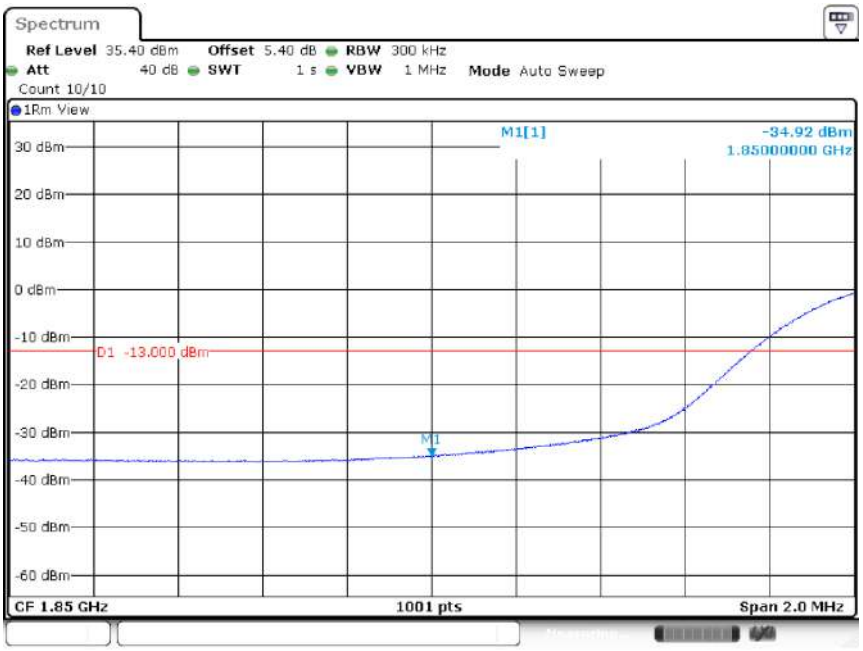
Date: 27.JAN.2021 10:14:10

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

Date: 27.JAN.2021 12:39:39

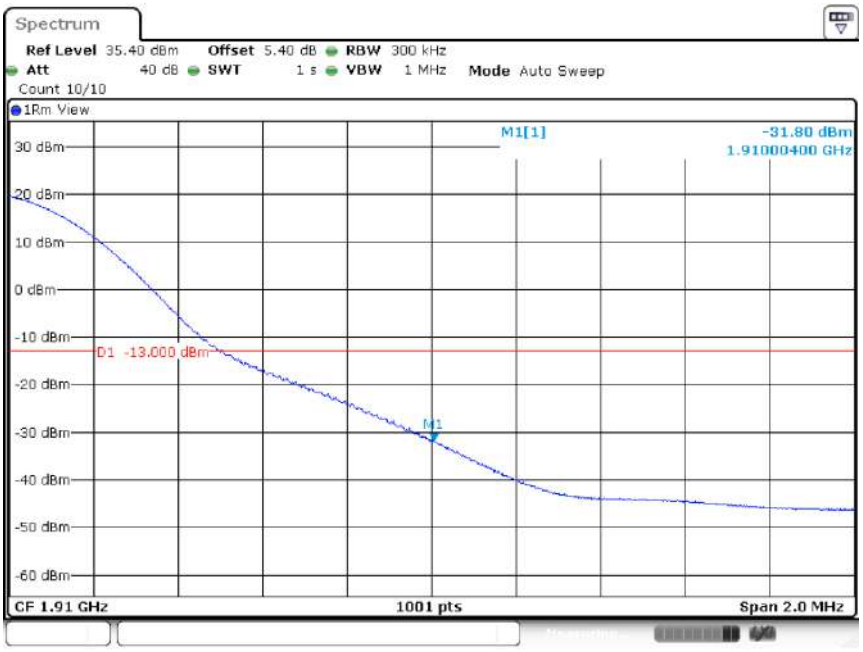
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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: 27.JAN.2021 12:41:11

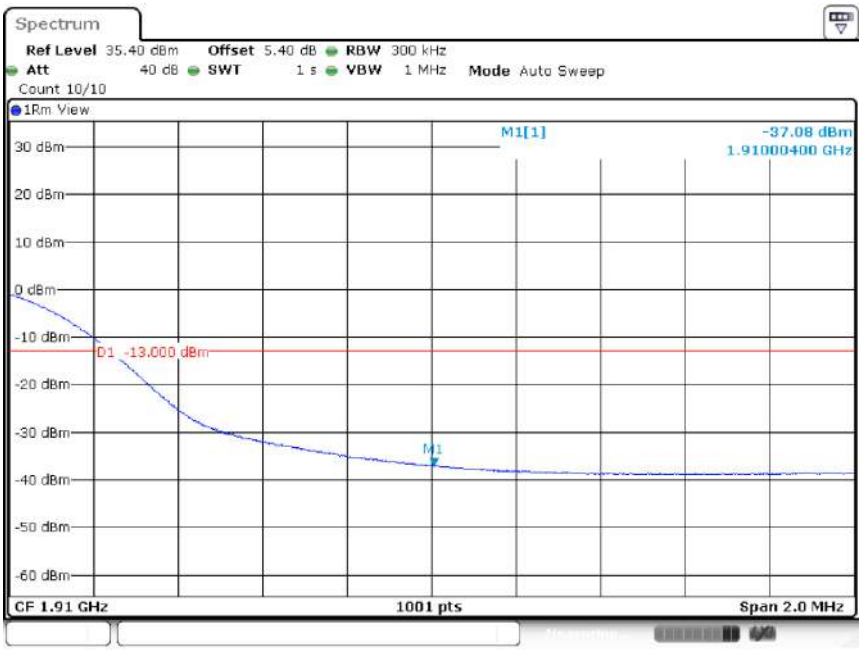
Band2-20MHz-64QAM-19100-1RB#99



Date: 27.JAN.2021 12:40:25

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

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



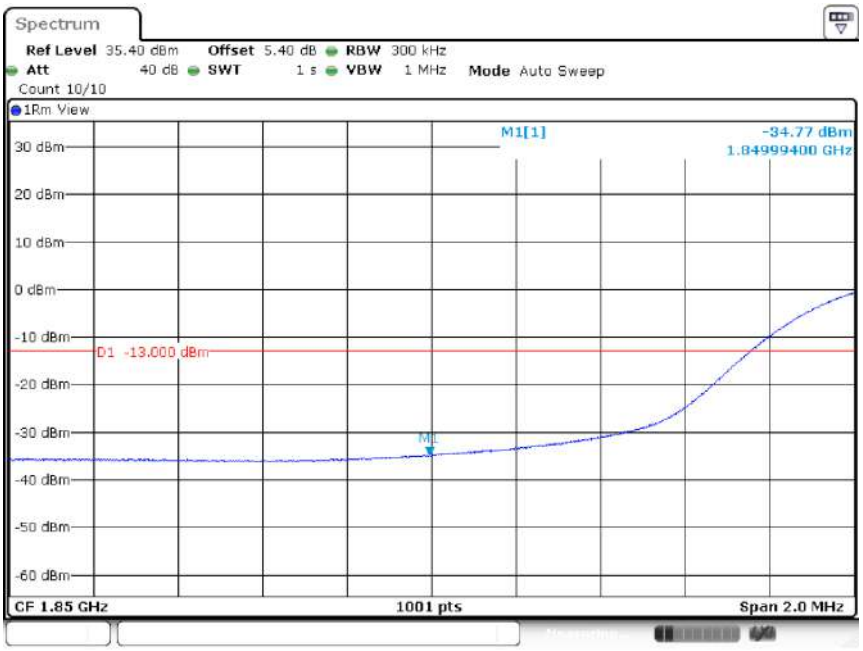
Date: 27.JAN.2021 12:41:32

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

Date: 27.JAN.2021 10:10:57

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx 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-18700-100RB#0



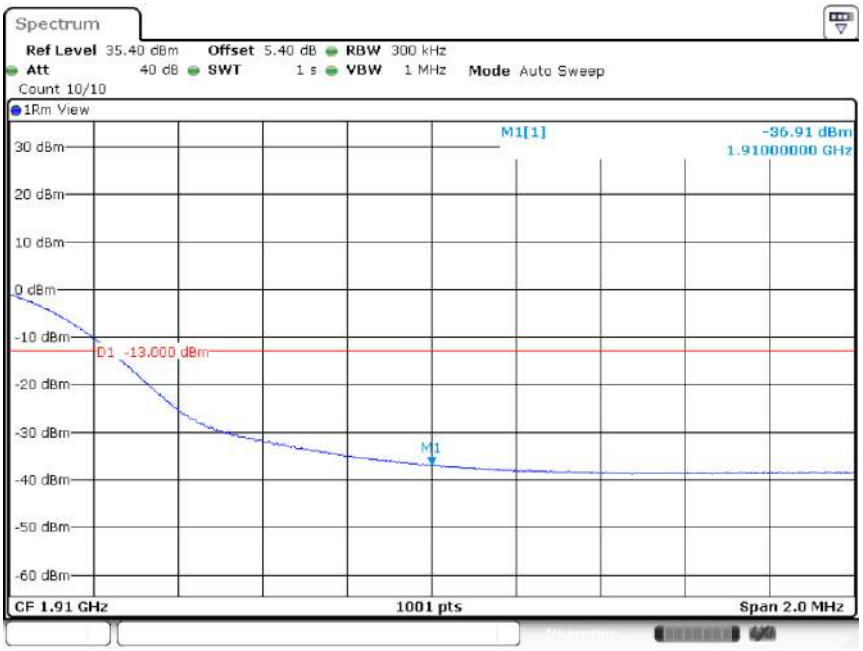
Date: 27.JAN.2021 10:13:49

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

Date: 27.JAN.2021 10:12:23

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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-19100-100RB#0



Date: 27.JAN.2021 10:14:31

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)

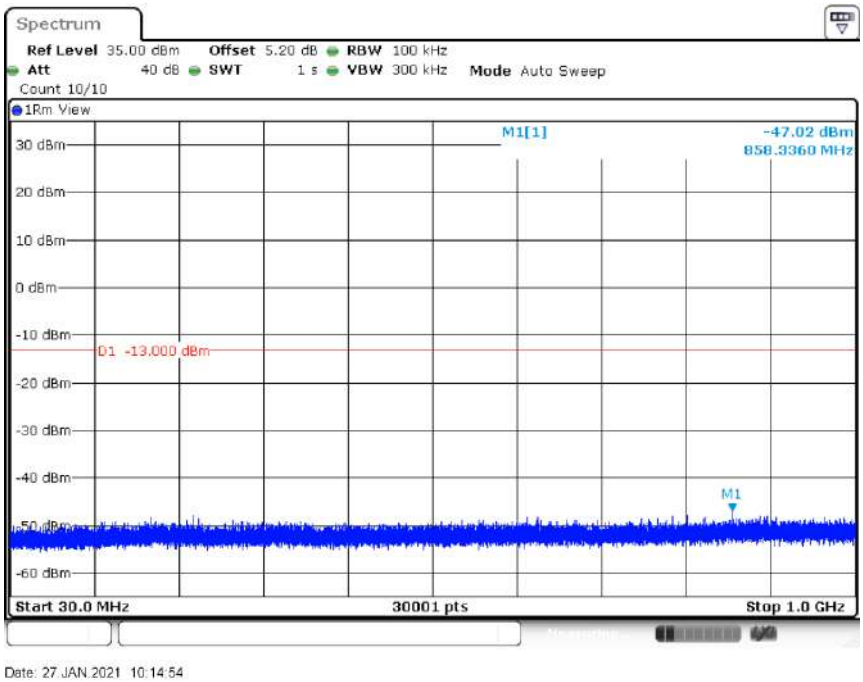
6. Spurious Emission at Antenna Terminal

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.

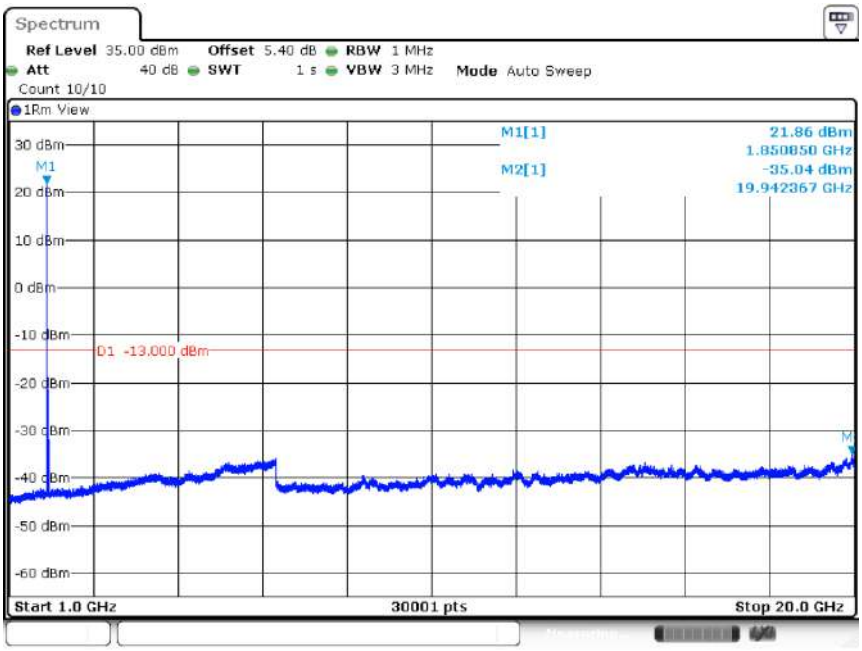
6.1. Test Plots

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



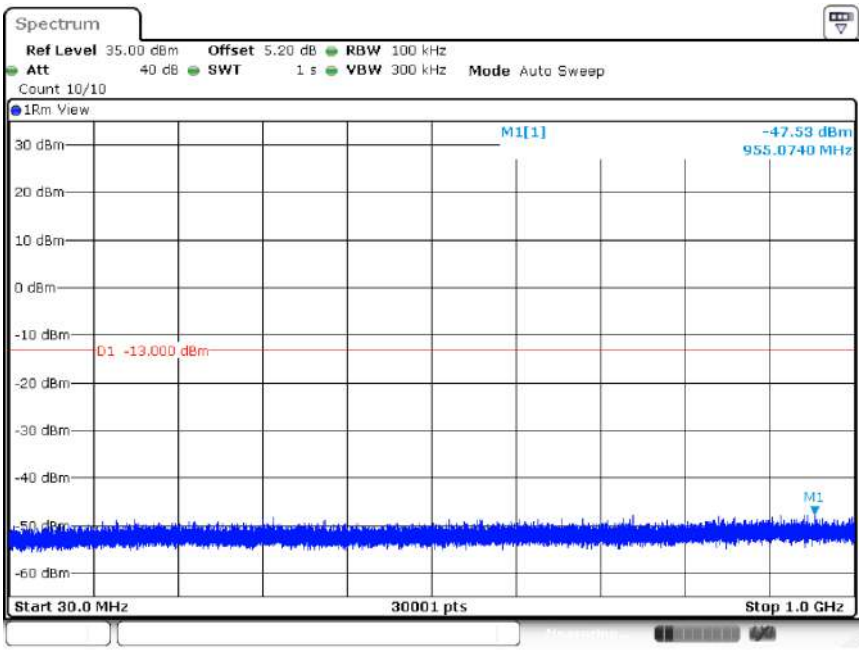
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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: 27.JAN.2021 10:15:10

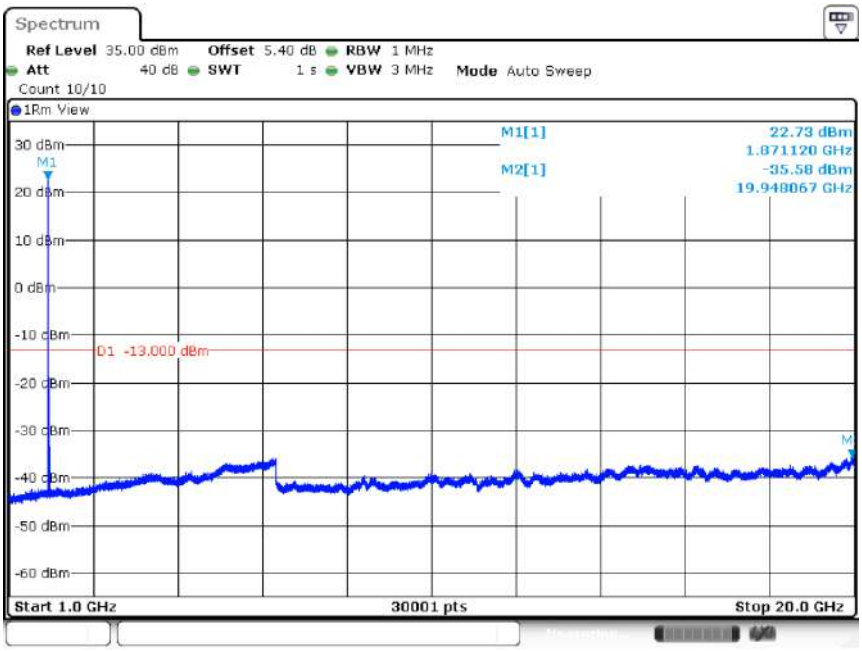
Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



Date: 27.JAN.2021 10:16:04

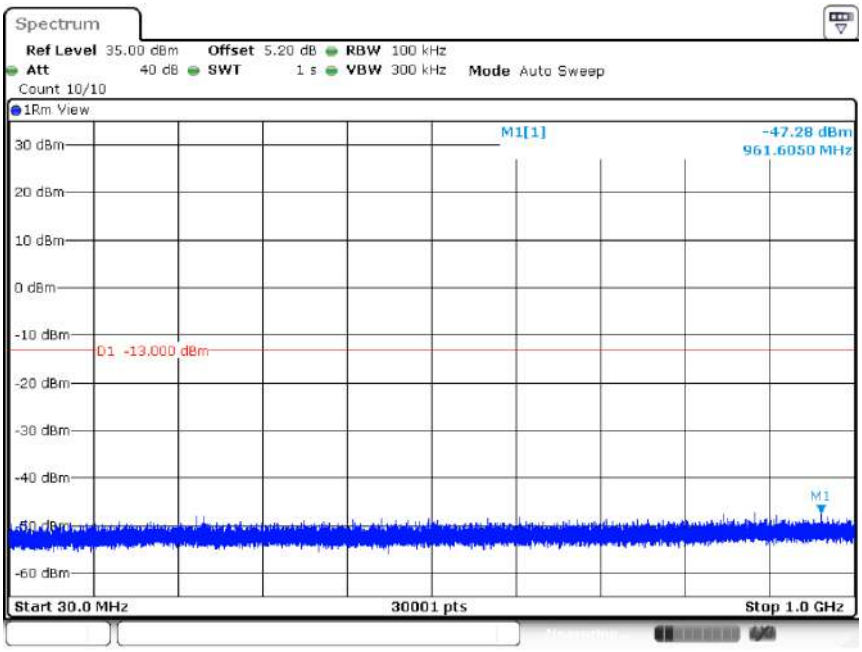
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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: 27.JAN.2021 10:16:21

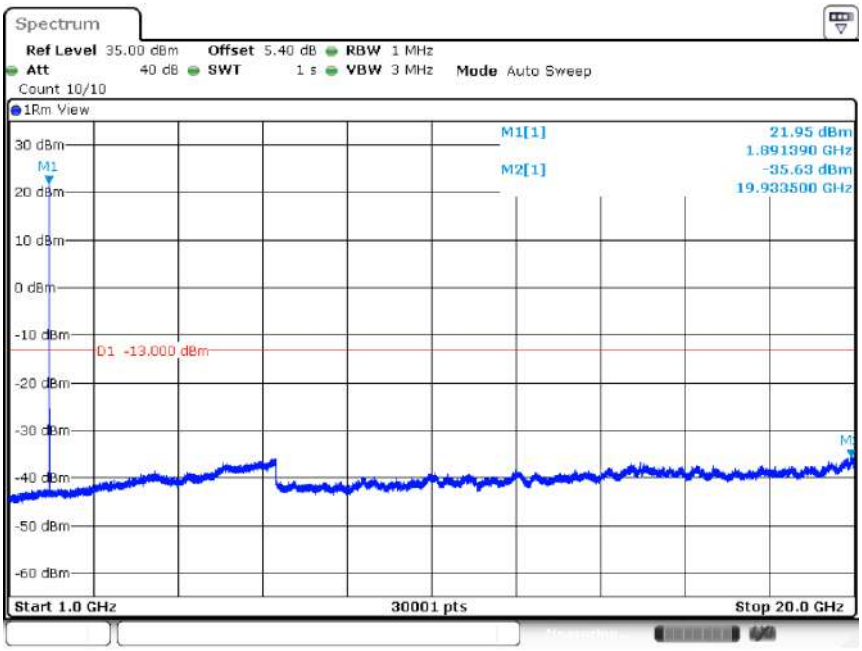
Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



Date: 27.JAN.2021 10:17:15

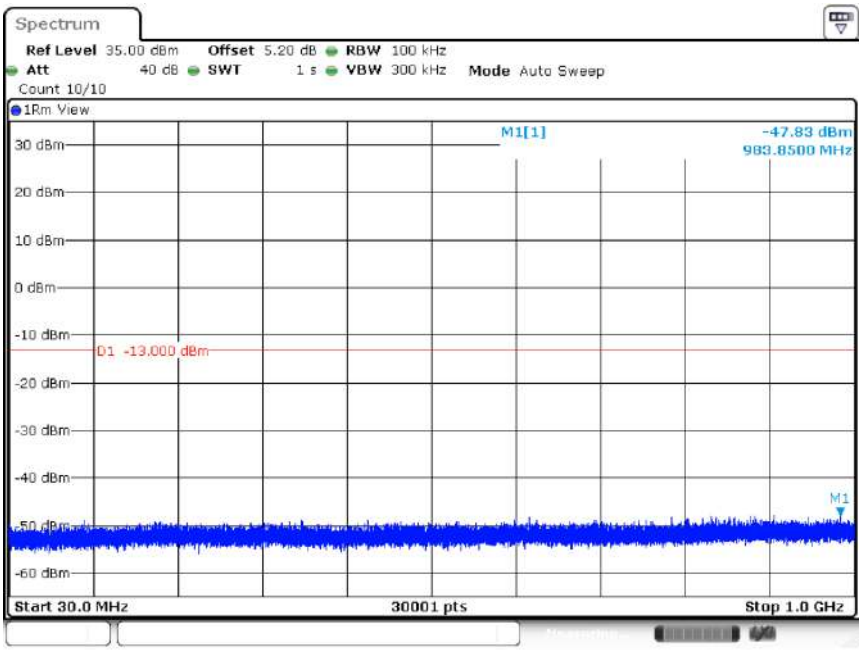
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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
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: 27.JAN.2021 10:17:31

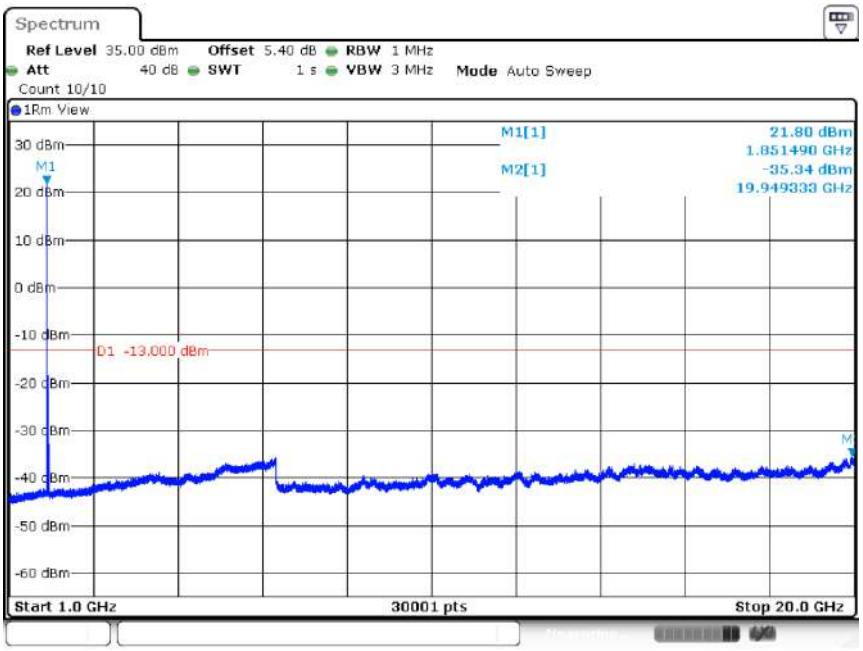
Band2-20MHz-64QAM-18700-1RB#0-Range1:30~1000MHz



Date: 27.JAN.2021 12:41:56

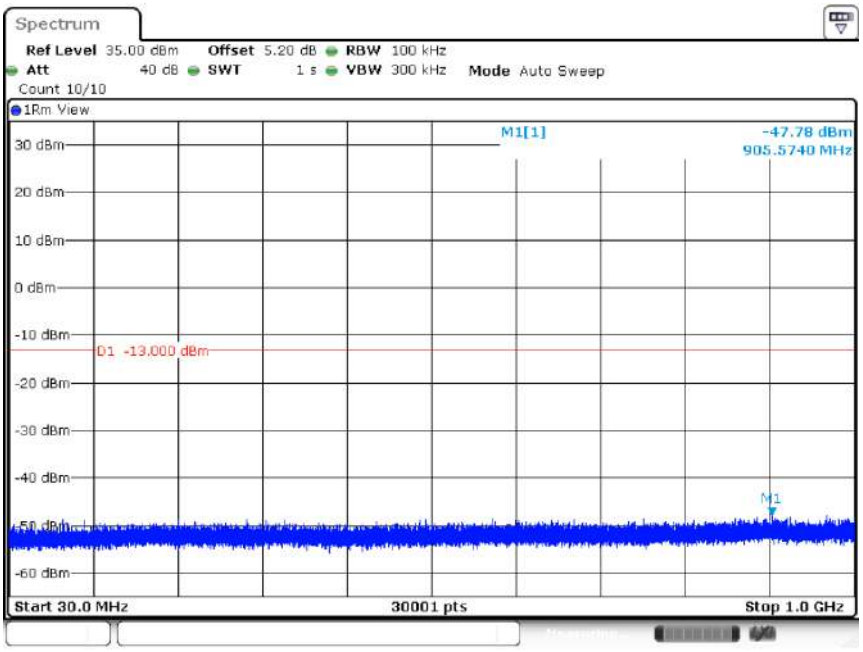
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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
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: 27.JAN.2021 12:42:13

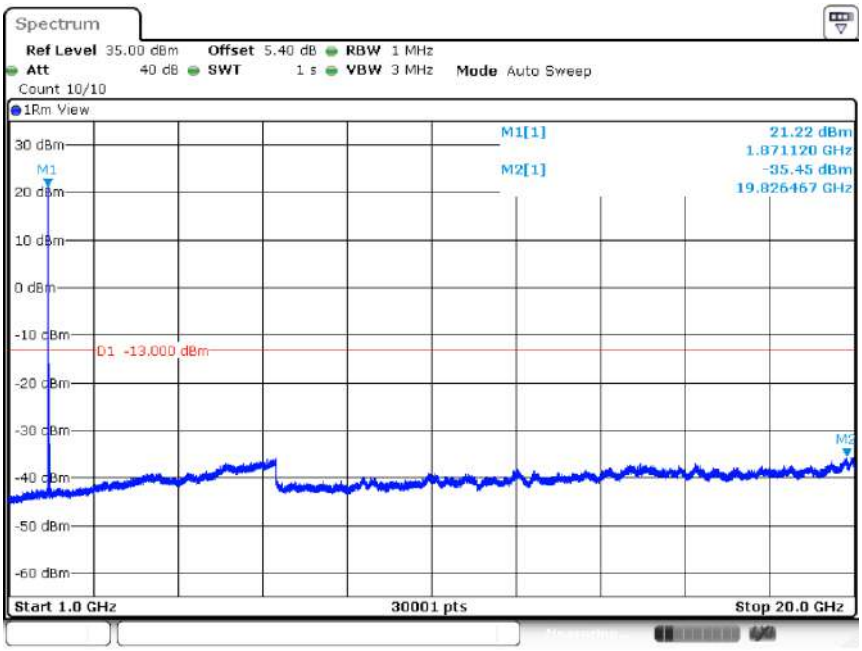
Band2-20MHz-64QAM-18900-1RB#0-Range1:30~1000MHz



Date: 27.JAN.2021 12:42:32

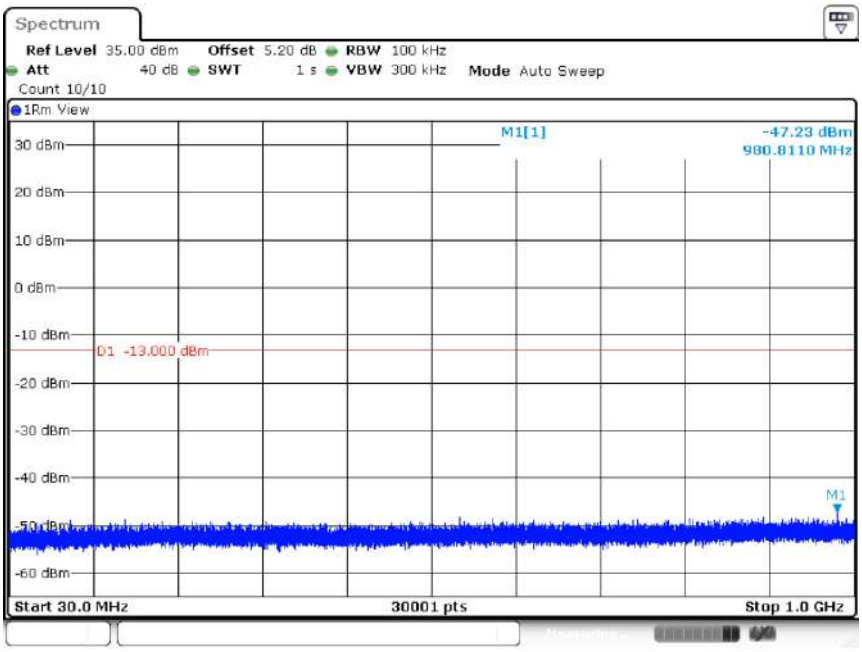
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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
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: 27.JAN.2021 12:42:48

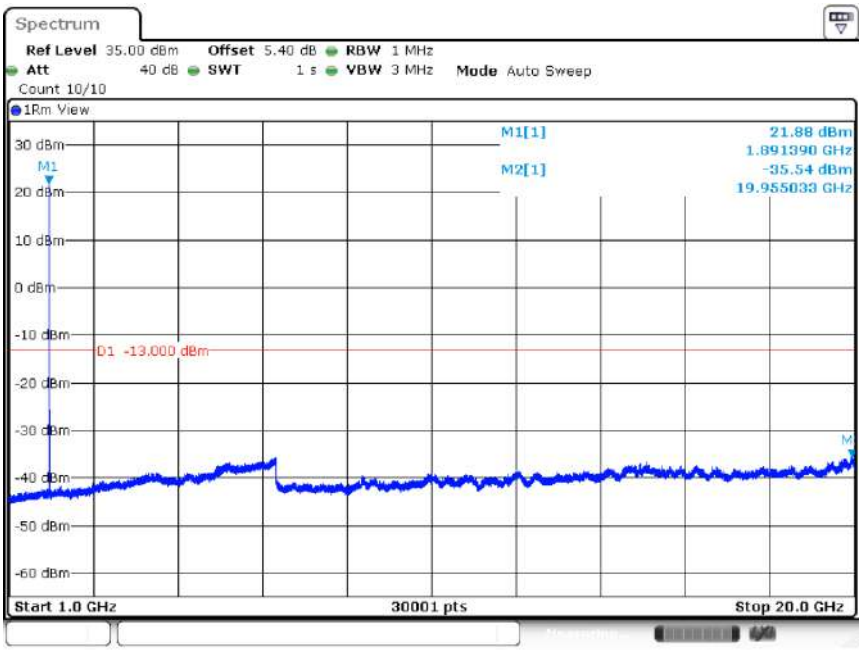
Band2-20MHz-64QAM-19100-1RB#0-Range1:30~1000MHz



Date: 27.JAN.2021 12:43:07

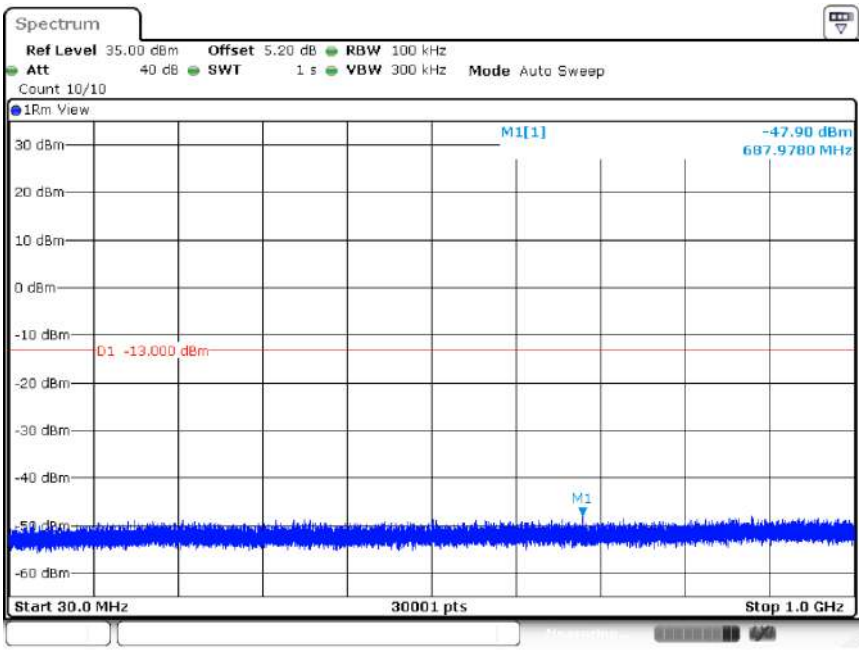
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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-19100-1RB#0-Range2:1000~20000MHz



Date: 27.JAN.2021 12:43:24

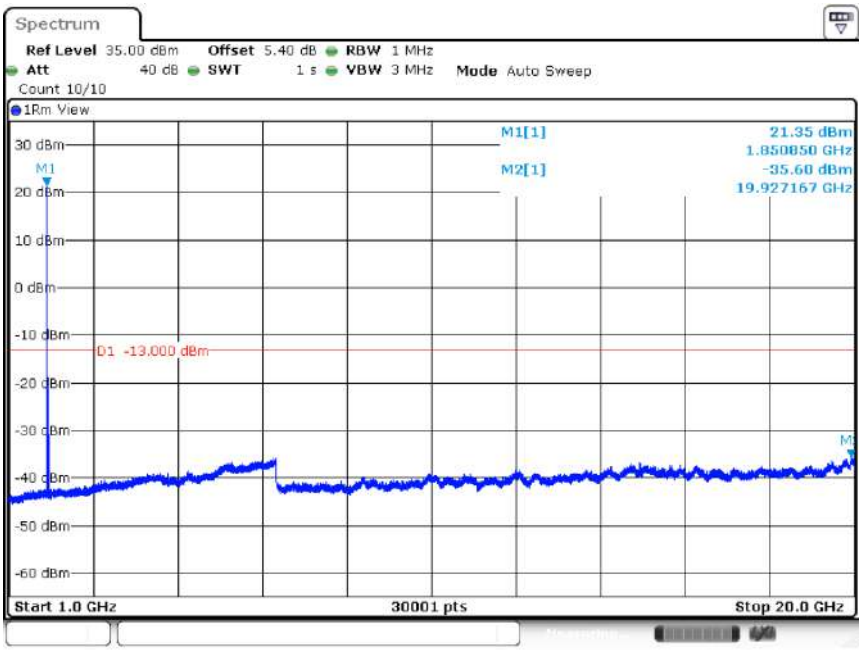
Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz



Date: 27.JAN.2021 10:15:29

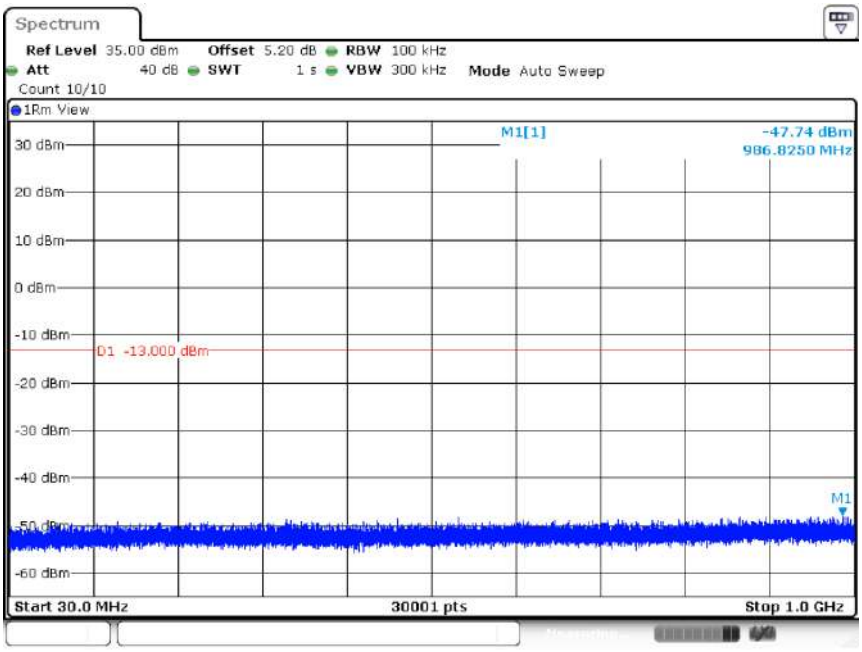
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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



Date: 27.JAN.2021 10:15:45

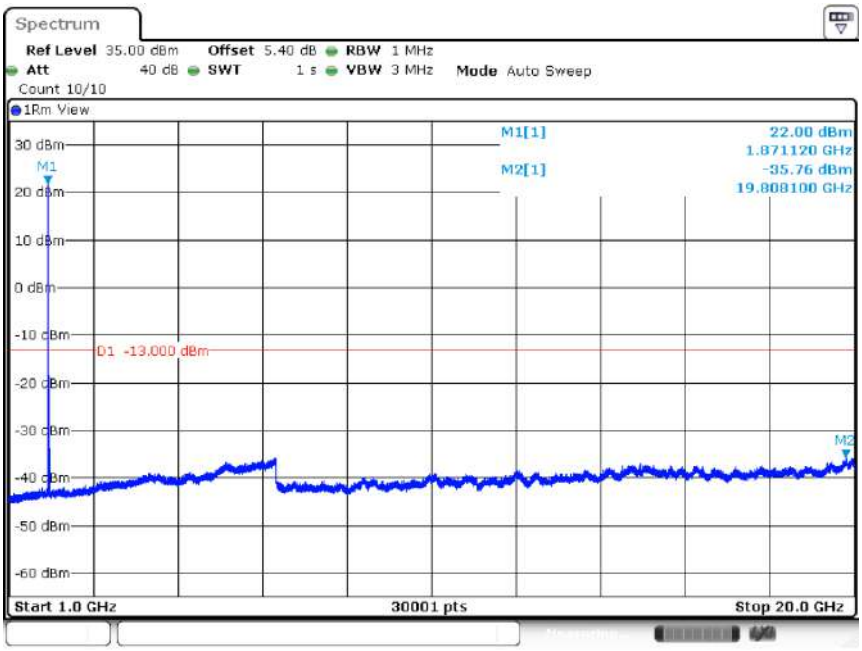
Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



Date: 27.JAN.2021 10:16:39

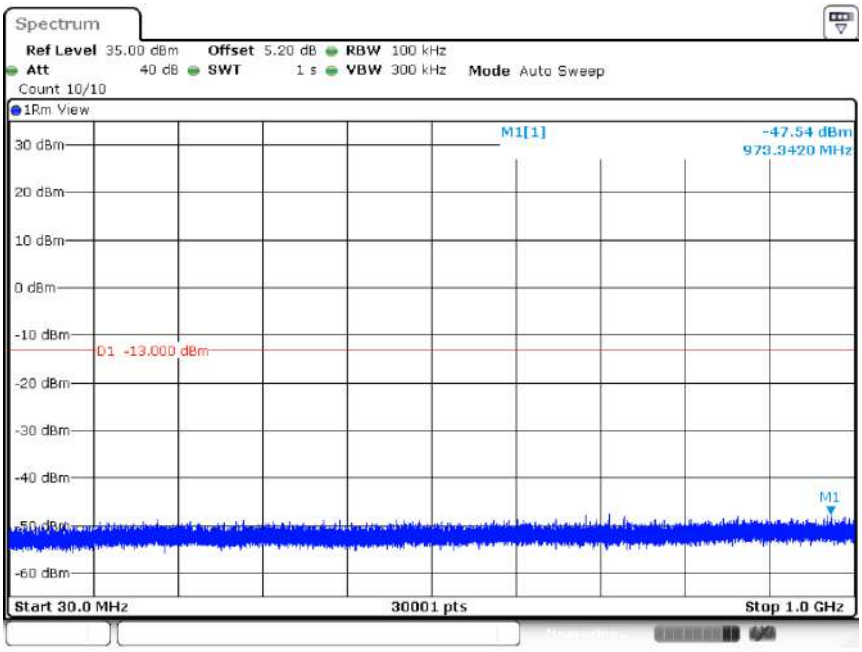
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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-18900-1RB#0-Range2:1000~20000MHz



Date: 27.JAN.2021 10:16:56

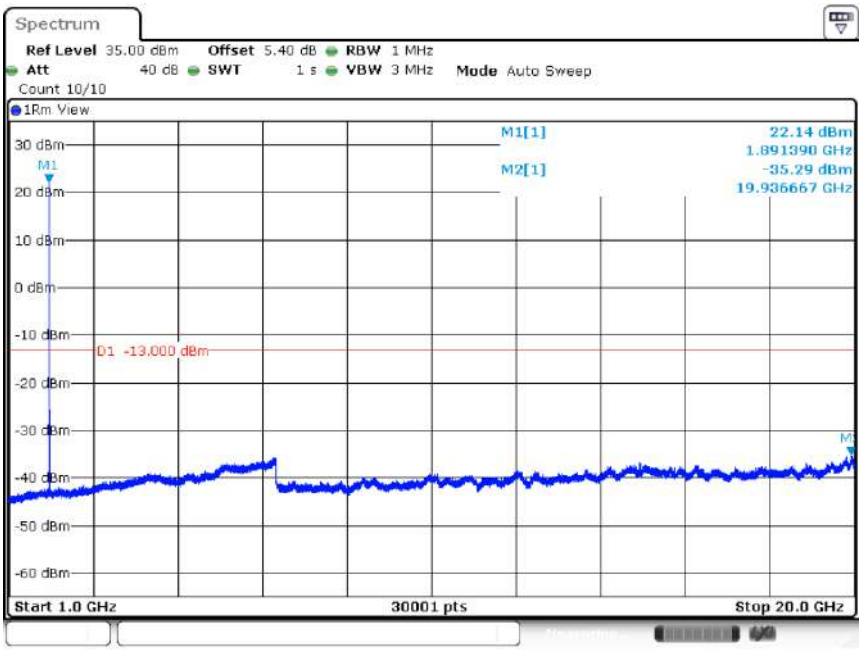
Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz



Date: 27.JAN.2021 10:17:50

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
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: 27.JAN.2021 10:18:06

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx 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_B2 TM1 20MHz

7.1.1.Test Channel = LCH_Horizontal

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
55.650000	-68.17	-13.00	55.17	235	H	0.0	-97.3
104.300000	-77.05	-13.00	64.05	209	H	0.0	-109.6
271.650000	-77.28	-13.00	64.28	246	H	139.0	-102.4
3684.775000	-56.83	-13.00	43.83	231	H	135.0	-104.5
5553.200000	-52.74	-13.00	39.74	281	H	112.0	-101.2
9255.275000	-48.73	-13.00	35.73	235	H	146.0	-96.7

7.1.2.Test Channel = LCH_Vertical

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
62.650000	-70.98	-13.00	57.98	202	V	75.0	-100.3
104.300000	-76.08	-13.00	63.08	276	V	349.0	-106.8
311.900000	-76.32	-13.00	63.32	178	V	304.0	-102.0
3819.650000	-56.94	-13.00	43.94	247	V	115.0	-103.9
5553.200000	-53.69	-13.00	40.69	214	V	286.0	-101.0
9255.600000	-50.91	-13.00	37.91	202	V	229.0	-96.7

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

7.1.3.Test Channel = MCH_Horizontal

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
55.850000	-66.28	-13.00	53.28	181	H	281.0	-97.1
104.350000	-75.66	-13.00	62.66	181	H	224.0	-109.5
542.170833	-72.53	-13.00	59.53	254	H	223.0	-101.5
3815.100000	-56.00	-13.00	43.00	287	H	10.0	-104.0
5613.000000	-50.64	-13.00	37.64	210	H	44.0	-101.2
9355.700000	-43.93	-13.00	30.93	181	H	193.0	-96.9

7.1.4.Test Channel = MCH_Vertical

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
63.150000	-71.68	-13.00	58.68	245	V	263.0	-100.2
104.250000	-76.06	-13.00	63.06	254	V	79.0	-106.8
343.750000	-75.00	-13.00	62.00	234	V	183.0	-101.7
3741.650000	-56.46	-13.00	43.46	198	V	56.0	-104.3
5613.000000	-49.40	-13.00	36.40	268	V	285.0	-101.0
9355.700000	-49.65	-13.00	36.65	200	V	217.0	-97.0

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
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)

7.1.5.Test Channel = HCH_Horizontal

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
62.500000	-67.03	-13.00	54.03	208	H	125.0	-95.1
104.250000	-77.45	-13.00	64.45	289	H	199.0	-109.6
441.100000	-75.31	-13.00	62.31	242	H	97.0	-101.0
3781.950000	-56.16	-13.00	43.16	152	H	206.0	-104.1
5673.125000	-52.31	-13.00	39.31	288	H	45.0	-101.2
9455.475000	-42.95	-13.00	29.95	208	H	206.0	-96.7

7.1.6.Test Channel = HCH_Vertical

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
55.550000	-71.44	-13.00	58.44	243	V	246.0	-101.8
125.000000	-77.52	-13.00	64.52	172	V	79.0	-103.8
338.850000	-76.64	-13.00	63.64	169	V	359.0	-101.8
3782.275000	-56.36	-13.00	43.36	151	V	122.0	-104.1
5673.125000	-50.82	-13.00	37.82	247	V	41.0	-101.1
9455.475000	-48.07	-13.00	35.07	226	V	215.0	-96.8

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
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	-1.80	-0.000968	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	-3.20	-0.001720	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	-2.50	-0.001344	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	10.30	0.005479	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	6.50	0.003457	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	14.90	0.007926	±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	4.00	0.002105	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	4.00	0.002105	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VL	NT	-2.40	-0.001290	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VN	NT	-2.60	-0.001398	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VH	NT	3.50	0.001882	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VL	NT	5.30	0.002819	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VN	NT	15.70	0.008351	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VH	NT	7.70	0.004096	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VL	NT	9.10	0.004789	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VN	NT	5.50	0.002895	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VH	NT	5.70	0.003000	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	-4.20	-0.002258	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	-5.90	-0.003172	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	-5.80	-0.003118	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	6.80	0.003617	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	12.10	0.006436	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	5.10	0.002713	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	2.70	0.001421	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	0.30	0.000158	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-0.60	-0.000316	±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	-2.70	-0.001452	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	-3.50	-0.001882	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	0.80	0.000430	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	1.40	0.000753	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	0.10	0.000054	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	-4.70	-0.002527	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	-5.30	-0.002849	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	-1.60	-0.000860	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	-6.20	-0.003333	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	4.90	0.002606	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	8.50	0.004521	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	10.70	0.005691	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	12.40	0.006596	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	7.20	0.003830	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	8.70	0.004628	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	11.60	0.006170	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	7.20	0.003830	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	11.20	0.005957	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-2.00	-0.001053	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-0.50	-0.000263	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	3.50	0.001842	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	0.90	0.000474	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-0.60	-0.000316	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-1.20	-0.000632	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	4.90	0.002579	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	1.10	0.000579	±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	-6.00	-0.003226	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-20	-7.70	-0.004140	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-10	-6.80	-0.003656	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	0	-2.90	-0.001559	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	10	-6.50	-0.003495	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	20	0.50	0.000269	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	30	-1.10	-0.000591	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	40	-5.10	-0.002742	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	50	-9.50	-0.005108	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-30	6.20	0.003298	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-20	15.40	0.008191	±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	-10	3.00	0.001596	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	0	5.10	0.002713	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	10	7.90	0.004202	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	20	5.60	0.002979	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	30	11.30	0.006011	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	40	5.20	0.002766	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	50	2.50	0.001330	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-30	4.30	0.002263	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-20	4.90	0.002579	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-10	9.20	0.004842	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	0	6.10	0.003211	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	10	8.20	0.004316	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	20	4.10	0.002158	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	30	5.40	0.002842	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	40	6.70	0.003526	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	50	6.10	0.003211	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	-5.00	-0.002688	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	-2.50	-0.001344	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-10	-7.30	-0.003925	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	-0.90	-0.000484	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	-4.00	-0.002151	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	-5.50	-0.002957	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	-5.20	-0.002796	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	-4.00	-0.002151	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	-1.70	-0.000914	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	8.50	0.004521	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	4.70	0.002500	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	5.00	0.002660	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	9.20	0.004894	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	8.40	0.004468	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	8.30	0.004415	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	7.10	0.003777	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	7.60	0.004043	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	7.80	0.004149	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	5.50	0.002895	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	4.30	0.002263	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-10	4.30	0.002263	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	5.70	0.003000	±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	16QAM	19100	100RB#0	NV	10	-2.40	-0.001263	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-0.90	-0.000474	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	2.10	0.001105	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	6.80	0.003579	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	1.70	0.000895	±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)