



Appendix B

E-UTRA Band 2



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



CONTENT

1 EFFECTIVE (ISOTROPIC) RADIATED POWER 3

1.1. TEST RESULT 3

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

2.1. TEST RESULT 15

2.2. TEST PLOTS..... 15

3. MODULATION CHARACTERISTICS20

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 BANDWIDTH23

4.1. TEST RESULT 23

4.2. TEST PLOTS..... 25

5. BAND EDGE COMPLIANCE52

5.1. TEST PLOTS..... 52

6. SPURIOUS EMISSION AT ANTENNA TERMINAL89

6.1. TEST PLOTS..... 90

7. FIELD STRENGTH OF SPURIOUS RADIATION.....99

7.1. TEST MODE =LTE/TM1 20MHZ..... 99

7.1.1. TEST CHANNEL = LCH 99

7.1.2. TEST CHANNEL = MCH..... 99

7.1.3. TEST CHANNEL = HCH..... 100

8. FREQUENCY STABILITY.....101

8.1. FREQUENCY VS VOLTAGE 101

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



1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth h	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#2	23.33	19.1	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.59	19.36	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	23.25	19.02	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.42	19.19	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.42	19.19	33	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.54	19.31	33	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.39	18.16	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.26	19.03	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.45	19.22	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.3	19.07	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.35	19.12	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.37	19.14	33	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.35	19.12	33	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.35	18.12	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.32	19.09	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.53	19.3	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.42	19.19	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.51	19.28	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	23.47	19.24	33	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	23.46	19.23	33	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.52	18.29	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	21.32	17.09	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	21.29	17.06	33	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	21.3	17.07	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#0	21.07	16.84	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#1	21.13	16.9	33	PASS
Band2	1.4MHz	64QAM	18607	3RB#3	21.15	16.92	33	PASS



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

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



Band2	1.4MHz	64QAM	18607	6RB#0	20.38	16.15	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	21.25	17.02	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	21.26	17.03	33	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	21.29	17.06	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#1	21.18	16.95	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#3	20.95	16.72	33	PASS
Band2	1.4MHz	64QAM	18900	3RB#0	20.96	16.73	33	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	20.33	16.1	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	21.34	17.11	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	21.22	16.99	33	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	21.29	17.06	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#0	21.28	17.05	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#1	21.1	16.87	33	PASS
Band2	1.4MHz	64QAM	19193	3RB#3	21.11	16.88	33	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	20.41	16.18	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.84	18.61	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.94	18.71	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.45	18.22	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.45	18.22	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.48	18.25	33	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.53	18.3	33	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.57	17.34	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.54	18.31	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.76	18.53	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.89	18.66	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.3	18.07	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.58	18.35	33	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.45	18.22	33	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.36	17.13	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.74	18.51	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.45	18.22	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.44	18.21	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	22.38	18.15	33	PASS



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

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

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch / 深圳标准技术服务有限公司深圳分公司
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band2	1.4MHz	16QAM	19193	3RB#3	22.52	18.29	33	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	22.51	18.28	33	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.57	17.34	33	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.33	19.1	33	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.59	19.36	33	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.37	19.14	33	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.43	18.2	33	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.46	18.23	33	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.33	18.1	33	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.37	18.14	33	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.28	19.05	33	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.51	19.28	33	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.4	19.17	33	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.44	18.21	33	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.49	18.26	33	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.44	18.21	33	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.32	18.09	33	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.28	19.05	33	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.63	19.4	33	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.4	19.17	33	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.52	18.29	33	PASS
Band2	3MHz	QPSK	19185	8RB#4	22.56	18.33	33	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.45	18.22	33	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.42	18.19	33	PASS
Band2	3MHz	64QAM	18615	1RB#8	21.17	16.94	33	PASS
Band2	3MHz	64QAM	18615	1RB#14	21.27	17.04	33	PASS
Band2	3MHz	64QAM	18615	1RB#0	21.28	17.05	33	PASS
Band2	3MHz	64QAM	18615	8RB#0	20.43	16.2	33	PASS
Band2	3MHz	64QAM	18615	8RB#4	20.19	15.96	33	PASS
Band2	3MHz	64QAM	18615	8RB#7	20.33	16.1	33	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.37	16.14	33	PASS
Band2	3MHz	64QAM	18900	1RB#8	21.28	17.05	33	PASS
Band2	3MHz	64QAM	18900	1RB#14	21.05	16.82	33	PASS



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

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

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch / 深圳标准技术服务有限公司 深圳分公司
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band2	3MHz	64QAM	18900	1RB#0	21.11	16.88	33	PASS
Band2	3MHz	64QAM	18900	8RB#0	20.28	16.05	33	PASS
Band2	3MHz	64QAM	18900	8RB#7	20.32	16.09	33	PASS
Band2	3MHz	64QAM	18900	8RB#4	20.13	15.9	33	PASS
Band2	3MHz	64QAM	18900	15RB#0	20.2	15.97	33	PASS
Band2	3MHz	64QAM	19185	1RB#0	21.38	17.15	33	PASS
Band2	3MHz	64QAM	19185	1RB#8	21.25	17.02	33	PASS
Band2	3MHz	64QAM	19185	1RB#14	21.24	17.01	33	PASS
Band2	3MHz	64QAM	19185	8RB#4	20.45	16.22	33	PASS
Band2	3MHz	64QAM	19185	8RB#7	20.46	16.23	33	PASS
Band2	3MHz	64QAM	19185	8RB#0	20.33	16.1	33	PASS
Band2	3MHz	64QAM	19185	15RB#0	20.31	16.08	33	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.69	18.46	33	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.91	18.68	33	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.75	18.52	33	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.37	17.14	33	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.45	17.22	33	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.39	17.16	33	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.42	17.19	33	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.58	18.35	33	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.84	18.61	33	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.64	18.41	33	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.32	17.09	33	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.36	17.13	33	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.36	17.13	33	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.42	17.19	33	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.65	18.42	33	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.77	18.54	33	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.73	18.5	33	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.49	17.26	33	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.45	17.22	33	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.37	17.14	33	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.43	17.2	33	PASS



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

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



Band2	5MHz	QPSK	18625	1RB#0	23.2	18.97	33	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.22	18.99	33	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.22	18.99	33	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.2	17.97	33	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.28	18.05	33	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.31	18.08	33	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.42	18.19	33	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.19	18.96	33	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.35	19.12	33	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.27	19.04	33	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.3	18.07	33	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.46	18.23	33	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.34	18.11	33	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.39	18.16	33	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.21	18.98	33	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.38	19.15	33	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.27	19.04	33	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.43	18.2	33	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.57	18.34	33	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.43	18.2	33	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.43	18.2	33	PASS
Band2	5MHz	64QAM	18625	1RB#12	21.17	16.94	33	PASS
Band2	5MHz	64QAM	18625	1RB#0	21.27	17.04	33	PASS
Band2	5MHz	64QAM	18625	1RB#24	21.25	17.02	33	PASS
Band2	5MHz	64QAM	18625	12RB#6	20.43	16.2	33	PASS
Band2	5MHz	64QAM	18625	12RB#13	20.23	16	33	PASS
Band2	5MHz	64QAM	18625	12RB#0	20.32	16.09	33	PASS
Band2	5MHz	64QAM	18625	25RB#0	20.39	16.16	33	PASS
Band2	5MHz	64QAM	18900	1RB#0	21.26	17.03	33	PASS
Band2	5MHz	64QAM	18900	1RB#12	21.05	16.82	33	PASS
Band2	5MHz	64QAM	18900	1RB#24	21.11	16.88	33	PASS
Band2	5MHz	64QAM	18900	12RB#13	20.29	16.06	33	PASS
Band2	5MHz	64QAM	18900	12RB#0	20.33	16.1	33	PASS



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

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



Band2	5MHz	64QAM	18900	12RB#6	20.09	15.86	33	PASS
Band2	5MHz	64QAM	18900	25RB#0	20.19	15.96	33	PASS
Band2	5MHz	64QAM	19175	1RB#0	21.38	17.15	33	PASS
Band2	5MHz	64QAM	19175	1RB#12	21.23	17	33	PASS
Band2	5MHz	64QAM	19175	1RB#24	21.25	17.02	33	PASS
Band2	5MHz	64QAM	19175	12RB#6	20.47	16.24	33	PASS
Band2	5MHz	64QAM	19175	12RB#0	20.48	16.25	33	PASS
Band2	5MHz	64QAM	19175	12RB#13	20.33	16.1	33	PASS
Band2	5MHz	64QAM	19175	25RB#0	20.35	16.12	33	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.72	18.49	33	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.62	18.39	33	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.78	18.55	33	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.28	17.05	33	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.46	17.23	33	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.36	17.13	33	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.39	17.16	33	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.78	18.55	33	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.41	18.18	33	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.71	18.48	33	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.29	17.06	33	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.46	17.23	33	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.38	17.15	33	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.41	17.18	33	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.44	18.21	33	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.91	18.68	33	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.28	18.05	33	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.53	17.3	33	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.5	17.27	33	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.34	17.11	33	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.37	17.14	33	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.4	19.17	33	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.61	19.38	33	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.43	19.2	33	PASS



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

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

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch / 深圳标准技术服务有限公司 深圳分公司
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band2	10MHz	QPSK	18650	25RB#12	22.53	18.3	33	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.43	18.2	33	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.45	18.22	33	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.47	18.24	33	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.5	19.27	33	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.49	19.26	33	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.35	19.12	33	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.48	18.25	33	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.58	18.35	33	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.5	18.27	33	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.53	18.3	33	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.48	19.25	33	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.66	19.43	33	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.5	19.27	33	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.52	18.29	33	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.54	18.31	33	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.56	18.33	33	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.61	18.38	33	PASS
Band2	10MHz	64QAM	18650	1RB#0	21.17	16.94	33	PASS
Band2	10MHz	64QAM	18650	1RB#24	21.24	17.01	33	PASS
Band2	10MHz	64QAM	18650	1RB#49	21.27	17.04	33	PASS
Band2	10MHz	64QAM	18650	25RB#0	20.44	16.21	33	PASS
Band2	10MHz	64QAM	18650	25RB#12	20.21	15.98	33	PASS
Band2	10MHz	64QAM	18650	25RB#25	20.36	16.13	33	PASS
Band2	10MHz	64QAM	18650	50RB#0	20.38	16.15	33	PASS
Band2	10MHz	64QAM	18900	1RB#49	21.26	17.03	33	PASS
Band2	10MHz	64QAM	18900	1RB#24	21.06	16.83	33	PASS
Band2	10MHz	64QAM	18900	1RB#0	21.1	16.87	33	PASS
Band2	10MHz	64QAM	18900	25RB#12	20.33	16.1	33	PASS
Band2	10MHz	64QAM	18900	25RB#0	20.36	16.13	33	PASS
Band2	10MHz	64QAM	18900	25RB#25	20.1	15.87	33	PASS
Band2	10MHz	64QAM	18900	50RB#0	20.2	15.97	33	PASS
Band2	10MHz	64QAM	19150	1RB#24	21.41	17.18	33	PASS



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

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

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



Band2	10MHz	64QAM	19150	1RB#0	21.23	17	33	PASS
Band2	10MHz	64QAM	19150	1RB#49	21.25	17.02	33	PASS
Band2	10MHz	64QAM	19150	25RB#25	20.5	16.27	33	PASS
Band2	10MHz	64QAM	19150	25RB#12	20.44	16.21	33	PASS
Band2	10MHz	64QAM	19150	25RB#0	20.33	16.1	33	PASS
Band2	10MHz	64QAM	19150	50RB#0	20.33	16.1	33	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.49	18.26	33	PASS
Band2	10MHz	16QAM	18650	1RB#24	23.03	18.8	33	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.52	18.29	33	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.53	17.3	33	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.61	17.38	33	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.46	17.23	33	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.54	17.31	33	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.67	18.44	33	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.66	18.43	33	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.49	18.26	33	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.52	17.29	33	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.57	17.34	33	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.47	17.24	33	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.42	17.19	33	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.95	18.72	33	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.74	18.51	33	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.34	18.11	33	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.55	17.32	33	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.5	17.27	33	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.53	17.3	33	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.5	17.27	33	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.38	19.15	33	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.53	19.3	33	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.41	19.18	33	PASS
Band2	15MHz	QPSK	18675	36RB#0	22.44	18.21	33	PASS
Band2	15MHz	QPSK	18675	36RB#39	22.51	18.28	33	PASS
Band2	15MHz	QPSK	18675	36RB#18	22.41	18.18	33	PASS



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

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

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



Band2	15MHz	QPSK	18675	75RB#0	22.48	18.25	33	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.39	19.16	33	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.39	19.16	33	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.39	19.16	33	PASS
Band2	15MHz	QPSK	18900	36RB#39	22.55	18.32	33	PASS
Band2	15MHz	QPSK	18900	36RB#0	22.59	18.36	33	PASS
Band2	15MHz	QPSK	18900	36RB#18	22.52	18.29	33	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.46	18.23	33	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.4	19.17	33	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.44	19.21	33	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.44	19.21	33	PASS
Band2	15MHz	QPSK	19125	36RB#18	22.63	18.4	33	PASS
Band2	15MHz	QPSK	19125	36RB#39	22.49	18.26	33	PASS
Band2	15MHz	QPSK	19125	36RB#0	22.59	18.36	33	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.46	18.23	33	PASS
Band2	15MHz	64QAM	18675	1RB#0	21.15	16.92	33	PASS
Band2	15MHz	64QAM	18675	1RB#38	21.25	17.02	33	PASS
Band2	15MHz	64QAM	18675	1RB#74	21.28	17.05	33	PASS
Band2	15MHz	64QAM	18675	36RB#0	20.45	16.22	33	PASS
Band2	15MHz	64QAM	18675	36RB#18	20.23	16	33	PASS
Band2	15MHz	64QAM	18675	36RB#39	20.36	16.13	33	PASS
Band2	15MHz	64QAM	18675	75RB#0	20.38	16.15	33	PASS
Band2	15MHz	64QAM	18900	1RB#38	21.26	17.03	33	PASS
Band2	15MHz	64QAM	18900	1RB#74	21.02	16.79	33	PASS
Band2	15MHz	64QAM	18900	1RB#0	21.09	16.86	33	PASS
Band2	15MHz	64QAM	18900	36RB#0	20.32	16.09	33	PASS
Band2	15MHz	64QAM	18900	36RB#18	20.31	16.08	33	PASS
Band2	15MHz	64QAM	18900	36RB#39	20.12	15.89	33	PASS
Band2	15MHz	64QAM	18900	75RB#0	20.18	15.95	33	PASS
Band2	15MHz	64QAM	19125	1RB#38	21.38	17.15	33	PASS
Band2	15MHz	64QAM	19125	1RB#74	21.27	17.04	33	PASS
Band2	15MHz	64QAM	19125	1RB#0	21.28	17.05	33	PASS
Band2	15MHz	64QAM	19125	36RB#0	20.49	16.26	33	PASS



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

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

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



Band2	15MHz	64QAM	19125	36RB#18	20.48	16.25	33	PASS
Band2	15MHz	64QAM	19125	36RB#39	20.33	16.1	33	PASS
Band2	15MHz	64QAM	19125	75RB#0	20.37	16.14	33	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.58	18.35	33	PASS
Band2	15MHz	16QAM	18675	1RB#74	23	18.77	33	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.39	18.16	33	PASS
Band2	15MHz	16QAM	18675	36RB#0	21.48	17.25	33	PASS
Band2	15MHz	16QAM	18675	36RB#18	21.53	17.3	33	PASS
Band2	15MHz	16QAM	18675	36RB#39	21.38	17.15	33	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.49	17.26	33	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.56	18.33	33	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.74	18.51	33	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.39	18.16	33	PASS
Band2	15MHz	16QAM	18900	36RB#39	21.51	17.28	33	PASS
Band2	15MHz	16QAM	18900	36RB#18	21.57	17.34	33	PASS
Band2	15MHz	16QAM	18900	36RB#0	21.53	17.3	33	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.45	17.22	33	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.92	18.69	33	PASS
Band2	15MHz	16QAM	19125	1RB#0	23	18.77	33	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.59	18.36	33	PASS
Band2	15MHz	16QAM	19125	36RB#18	21.46	17.23	33	PASS
Band2	15MHz	16QAM	19125	36RB#0	21.5	17.27	33	PASS
Band2	15MHz	16QAM	19125	36RB#39	21.48	17.25	33	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.55	17.32	33	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.31	19.08	33	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.32	19.09	33	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.21	18.98	33	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.44	18.21	33	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.41	18.18	33	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.41	18.18	33	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.44	18.21	33	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.41	19.18	33	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.51	19.28	33	PASS



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

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

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



Band2	20MHz	QPSK	18900	1RB#0	23.28	19.05	33	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.4	18.17	33	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.46	18.23	33	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.39	18.16	33	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.35	18.12	33	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.27	19.04	33	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.7	19.47	33	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.27	19.04	33	PASS
Band2	20MHz	QPSK	19100	50RB#25	22.59	18.36	33	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.46	18.23	33	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.38	18.15	33	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.43	18.2	33	PASS
Band2	20MHz	64QAM	18700	1RB#0	21.27	17.04	33	PASS
Band2	20MHz	64QAM	18700	1RB#99	21.39	17.16	33	PASS
Band2	20MHz	64QAM	18700	1RB#49	21.39	17.16	33	PASS
Band2	20MHz	64QAM	18700	50RB#50	20.55	16.32	33	PASS
Band2	20MHz	64QAM	18700	50RB#25	20.34	16.11	33	PASS
Band2	20MHz	64QAM	18700	50RB#0	20.46	16.23	33	PASS
Band2	20MHz	64QAM	18700	100RB#0	20.49	16.26	33	PASS
Band2	20MHz	64QAM	18900	1RB#99	21.38	17.15	33	PASS
Band2	20MHz	64QAM	18900	1RB#49	21.17	16.94	33	PASS
Band2	20MHz	64QAM	18900	1RB#0	21.24	17.01	33	PASS
Band2	20MHz	64QAM	18900	50RB#25	20.43	16.2	33	PASS
Band2	20MHz	64QAM	18900	50RB#0	20.46	16.23	33	PASS
Band2	20MHz	64QAM	18900	50RB#50	20.23	16	33	PASS
Band2	20MHz	64QAM	18900	100RB#0	20.33	16.1	33	PASS
Band2	20MHz	64QAM	19100	1RB#99	21.52	17.29	33	PASS
Band2	20MHz	64QAM	19100	1RB#0	21.37	17.14	33	PASS
Band2	20MHz	64QAM	19100	1RB#49	21.38	17.15	33	PASS
Band2	20MHz	64QAM	19100	50RB#0	20.6	16.37	33	PASS
Band2	20MHz	64QAM	19100	50RB#50	20.58	16.35	33	PASS
Band2	20MHz	64QAM	19100	50RB#25	20.43	16.2	33	PASS
Band2	20MHz	64QAM	19100	100RB#0	20.48	16.25	33	PASS



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

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



Band2	20MHz	16QAM	18700	1RB#49	22.49	18.26	33	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.99	18.76	33	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.74	18.51	33	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.39	17.16	33	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.41	17.18	33	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.5	17.27	33	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.5	17.27	33	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.76	18.53	33	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.63	18.4	33	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.34	18.11	33	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.4	17.17	33	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.5	17.27	33	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.31	17.08	33	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.38	17.15	33	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.46	18.23	33	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.75	18.52	33	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.54	18.31	33	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.61	17.38	33	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.63	17.4	33	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.47	17.24	33	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.53	17.3	33	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,
 $ERP [dBm] = \text{Conducted Power} [dBm] + \text{Gain} [dBd]$
 $EIRP [dBm] = \text{Conducted Power} [dBm] + \text{Gain} [dBi]$



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

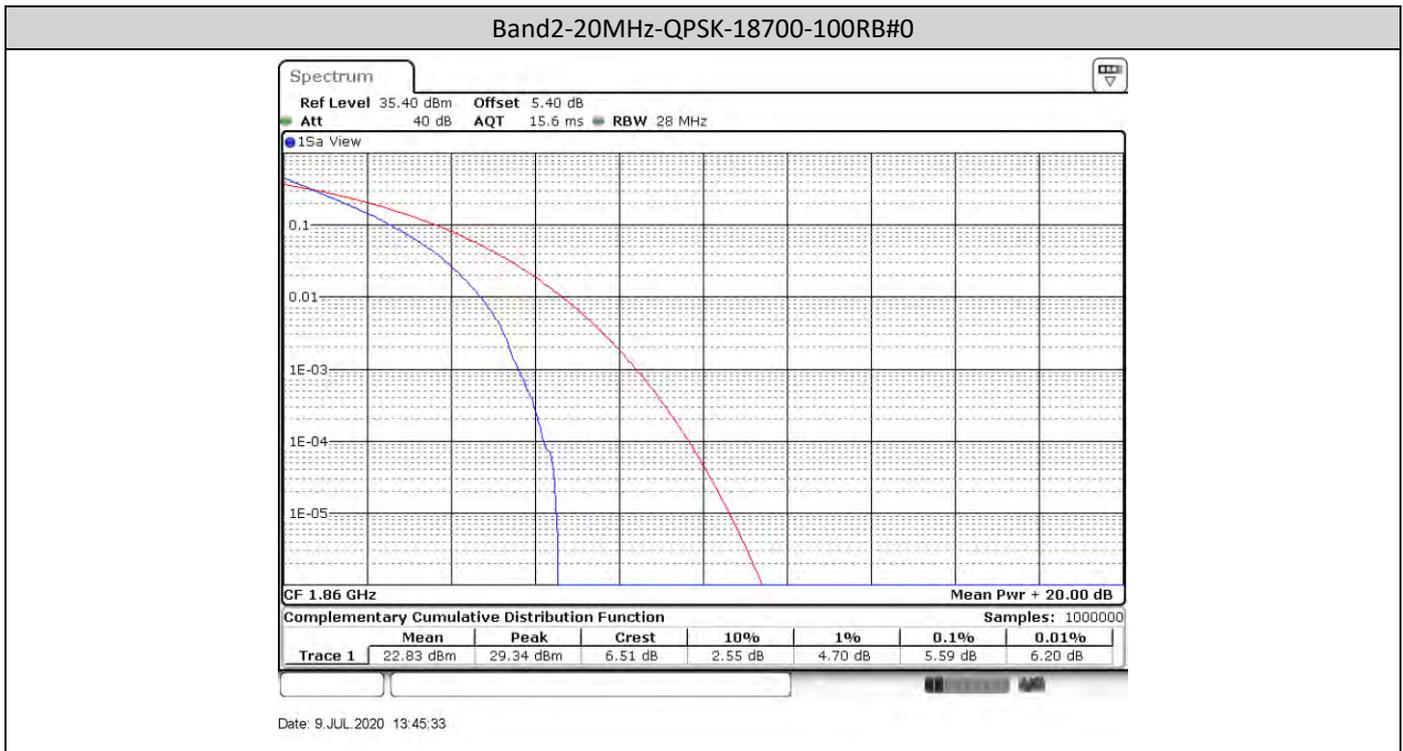


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	5.59	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.25	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.39	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.72	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.46	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.46	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.41	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.17	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.17	13	PASS

2.2. Test Plots

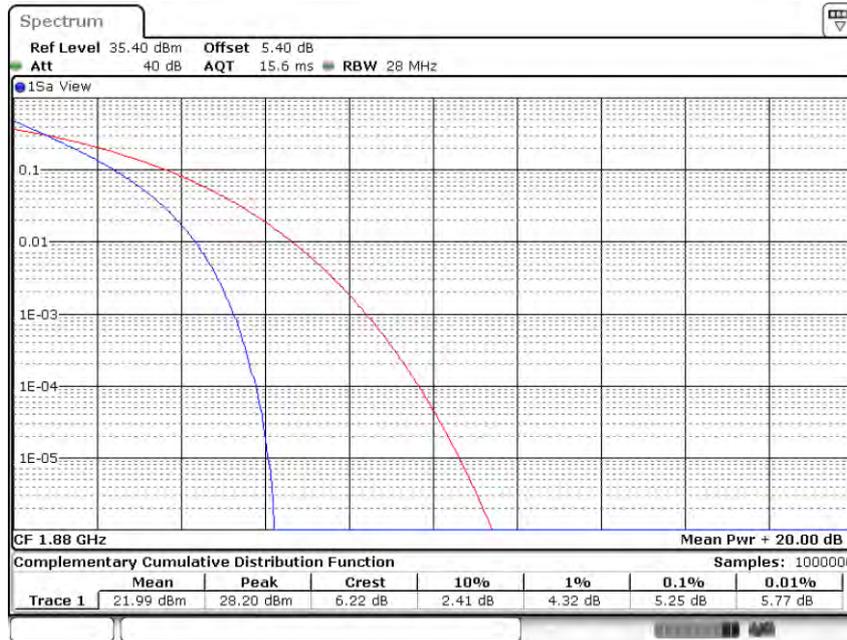


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

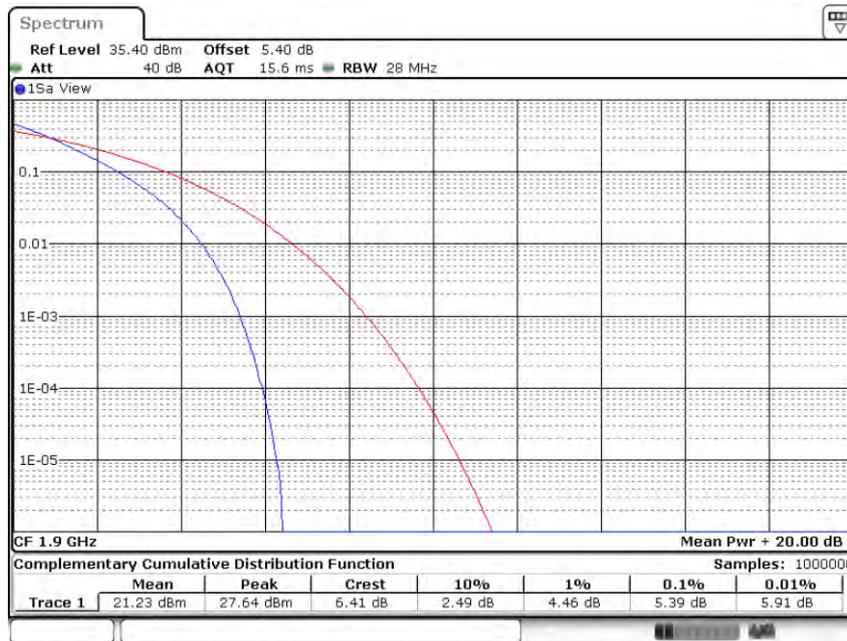


Band2-20MHz-QPSK-18900-100RB#0



Date: 9 JUL 2020 13:45:55

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



Date: 9 JUL 2020 13:46:18

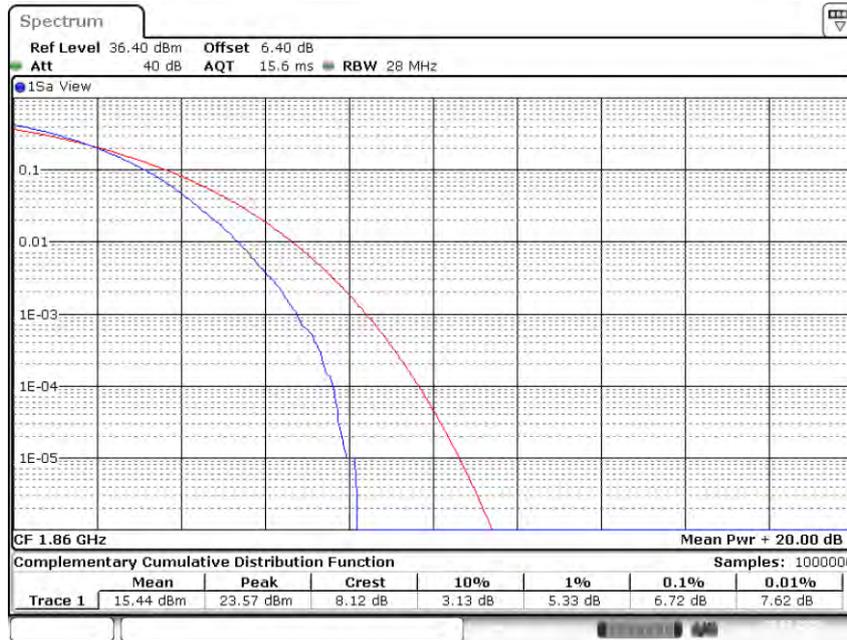


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

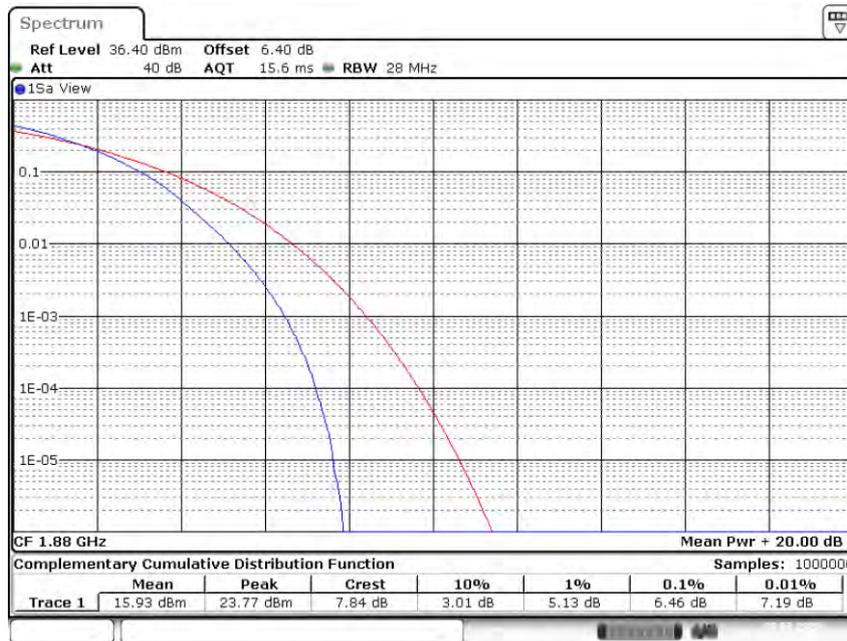


Band2-20MHz-64QAM-18700-100RB#0



Date: 30.JUL.2020 14:55:46

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



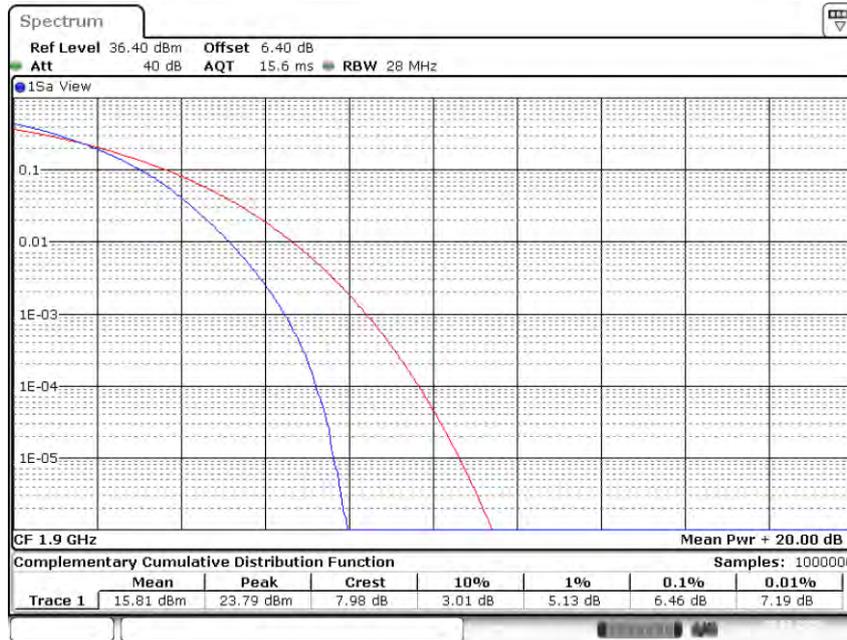
Date: 30.JUL.2020 14:56:08



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

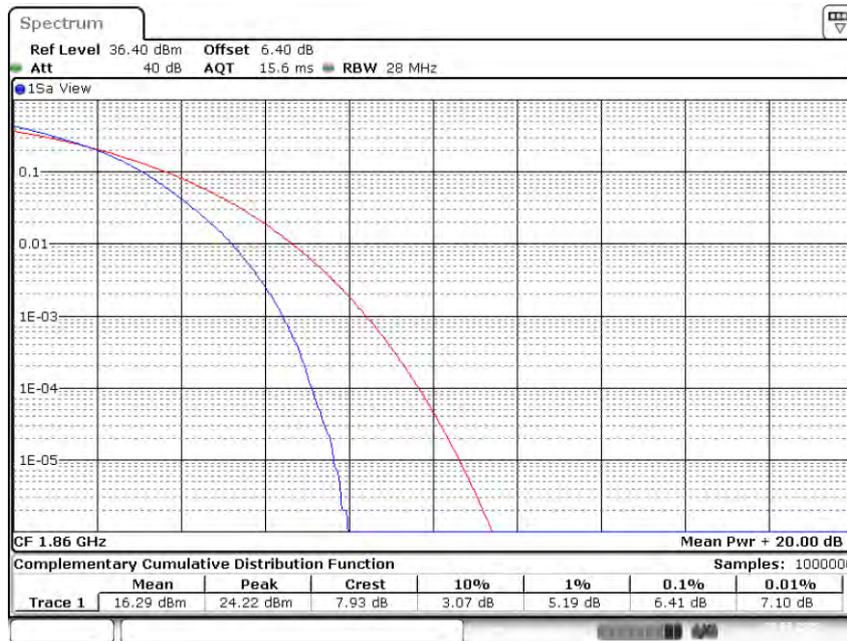


Band2-20MHz-64QAM-19100-100RB#0



Date: 30.JUL.2020 14:56:31

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



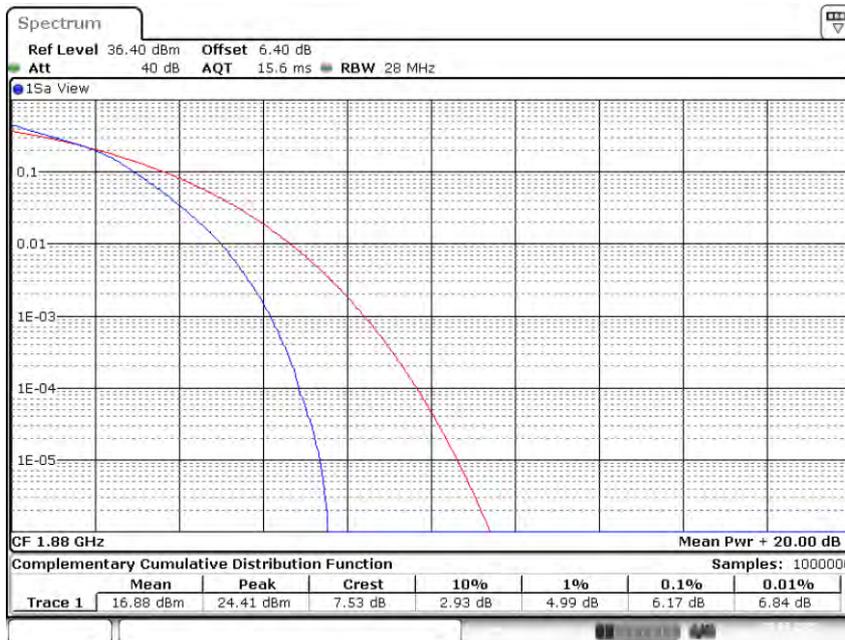
Date: 30.JUL.2020 14:55:57



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



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



Date: 30.JUL.2020 14:56:20

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



Date: 30.JUL.2020 14:56:42



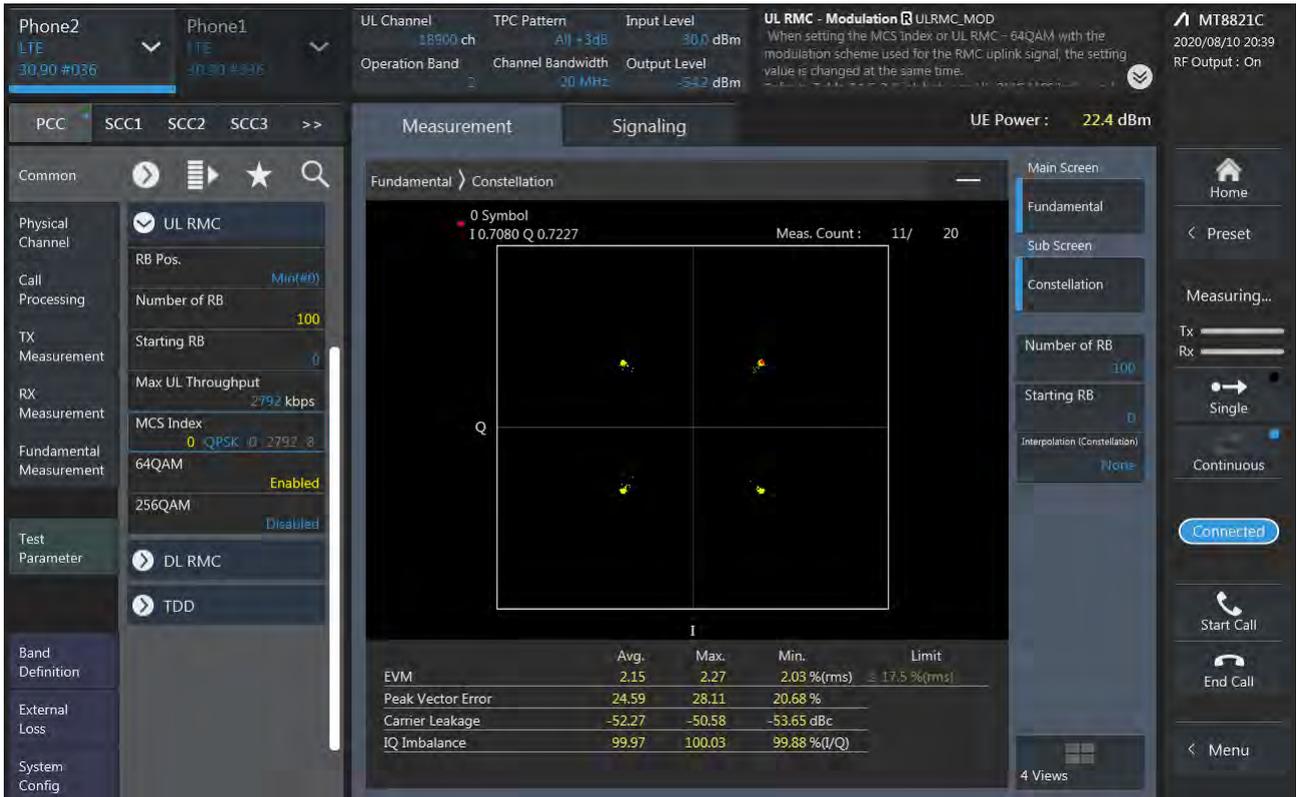
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



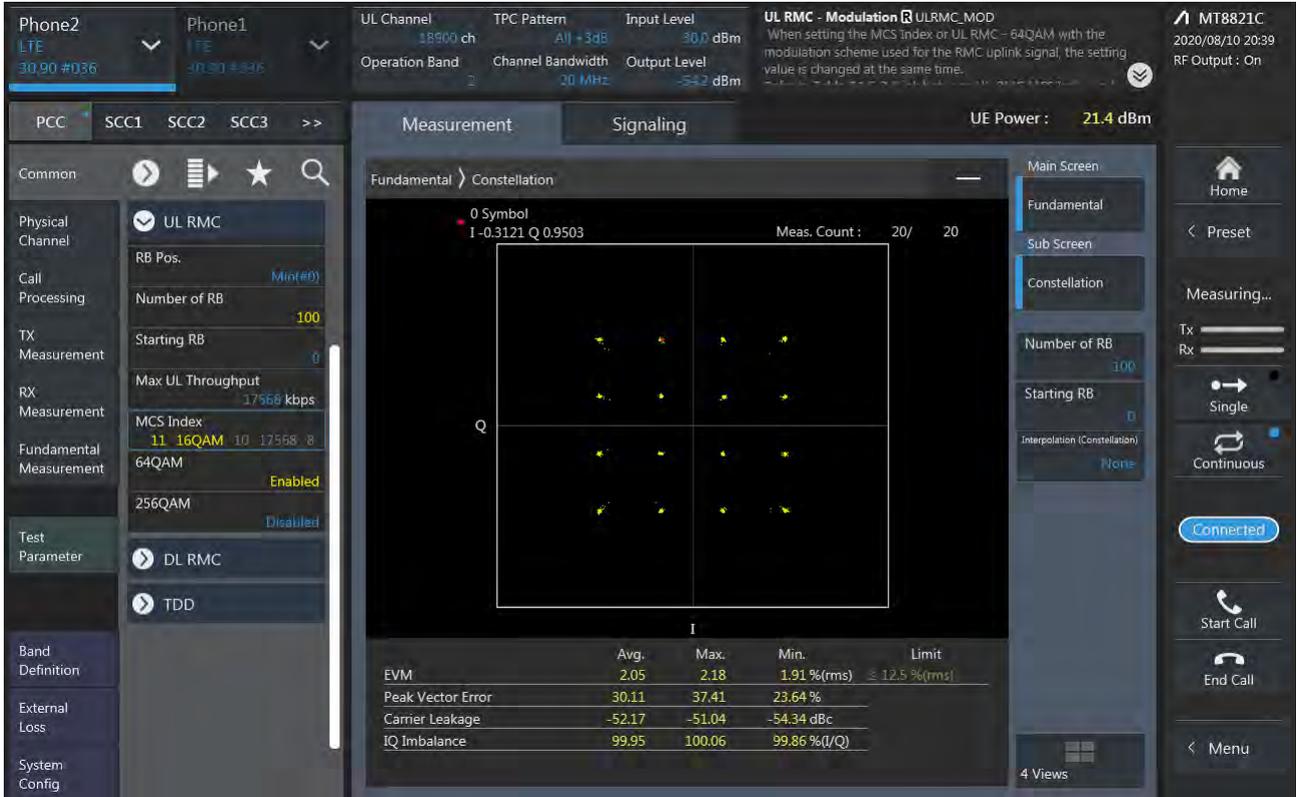
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH



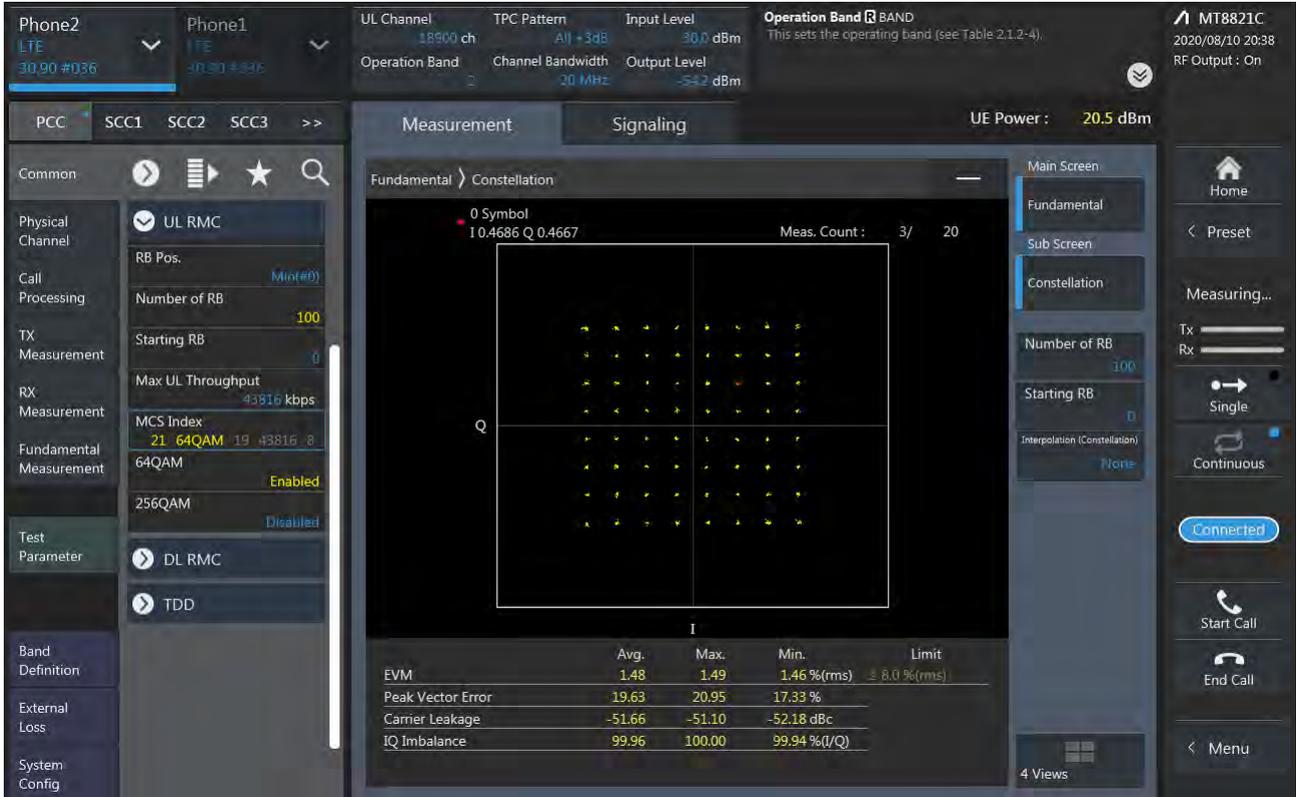
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH



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

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



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	1.287	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.091	1.284	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.088	1.290	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.094	1.278	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.094	1.284	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.091	1.278	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.088	1.287	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.088	1.290	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.088	1.284	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.691	2.910	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.685	2.928	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.685	2.916	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.685	2.898	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.679	2.904	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.685	2.904	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.673	2.904	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.673	2.904	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.673	2.898	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.466	4.840	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.476	4.840	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.476	4.850	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.466	4.830	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.476	4.810	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.466	4.830	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.486	4.830	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.476	4.850	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.476	4.860	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.931	9.600	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.911	9.620	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.931	9.540	PASS



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

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

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



Band2	10MHz	64QAM	18650	50RB#0	8.931	9.600	PASS
Band2	10MHz	64QAM	18900	50RB#0	8.931	9.600	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.931	9.620	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.931	9.660	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.911	9.620	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.931	9.640	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.457	14.670	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.427	14.640	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.457	14.580	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.427	14.730	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.427	14.730	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.457	14.730	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.487	14.670	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.427	14.700	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.457	14.700	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.902	19.360	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.862	19.320	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.862	19.200	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.902	19.240	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.902	19.280	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.822	19.200	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.902	19.320	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.862	19.320	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.822	19.200	PASS

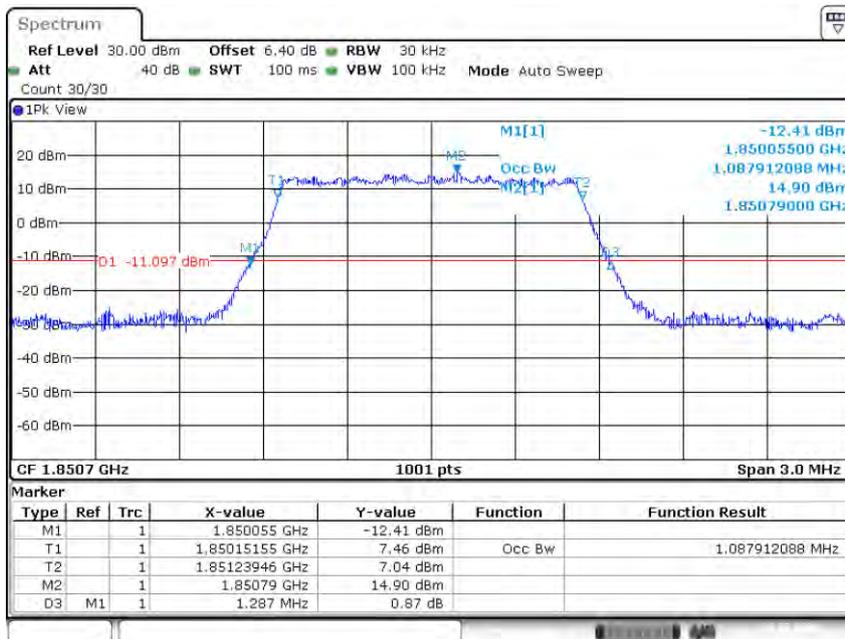


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

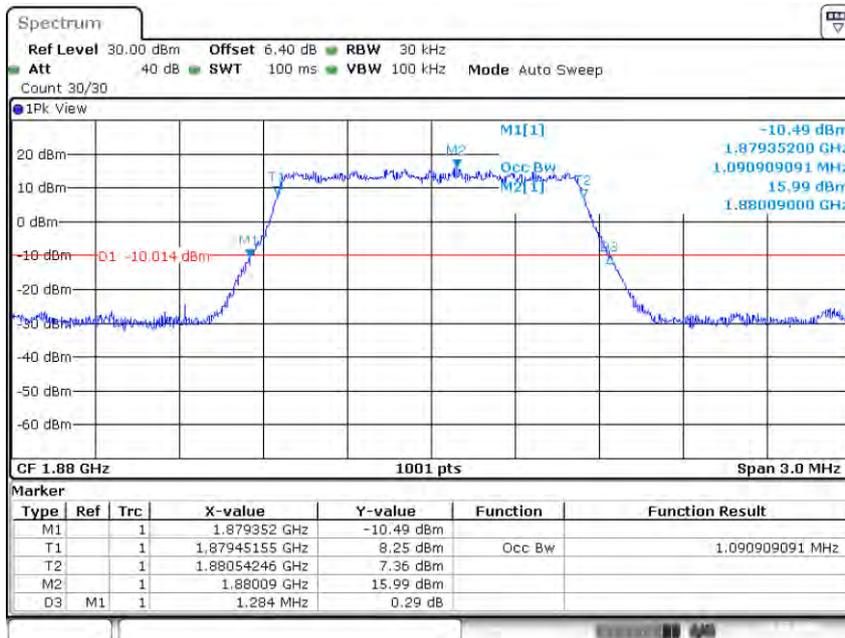
4.2. Test Plots

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



Date: 30 JUL 2020 14:05:29

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



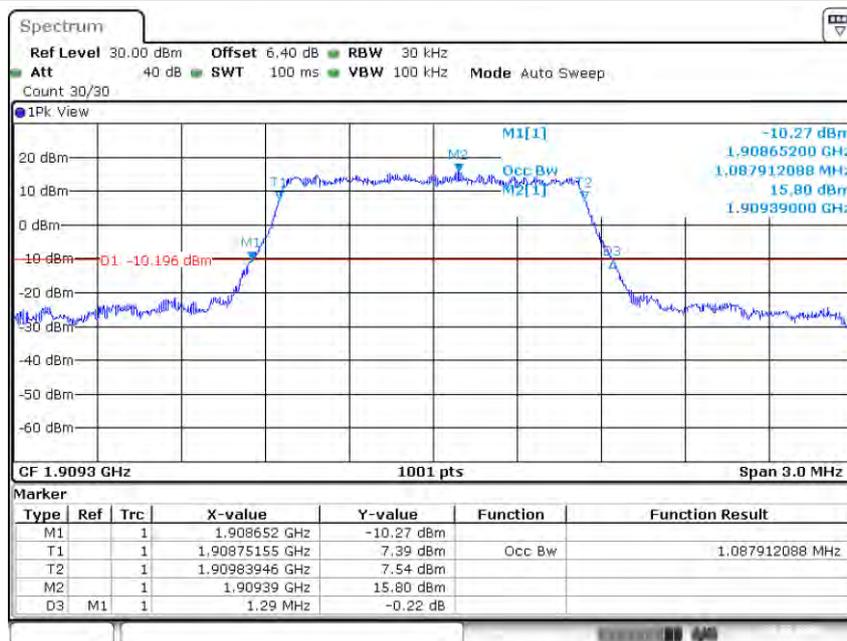
Date: 30 JUL 2020 14:05:55



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

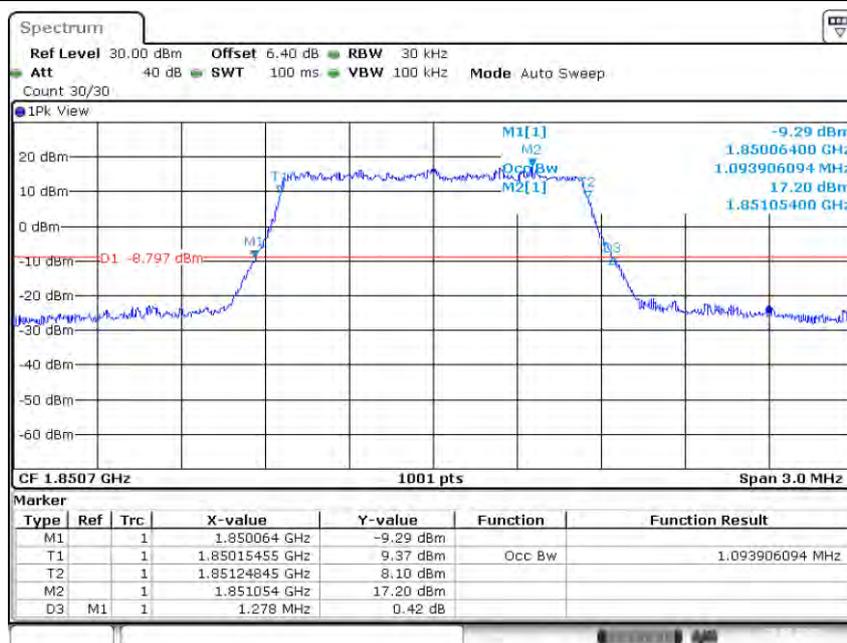


Band2-1.4MHz-QPSK-19193-6RB#0-1.088



Date: 30.JUL.2020 14:06:21

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



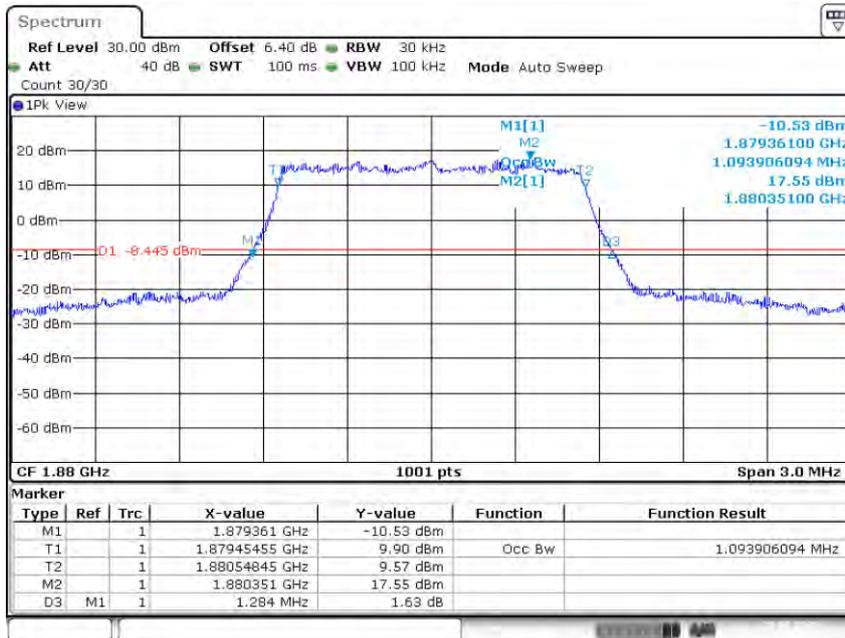
Date: 28.JUL.2020 19:58:53



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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

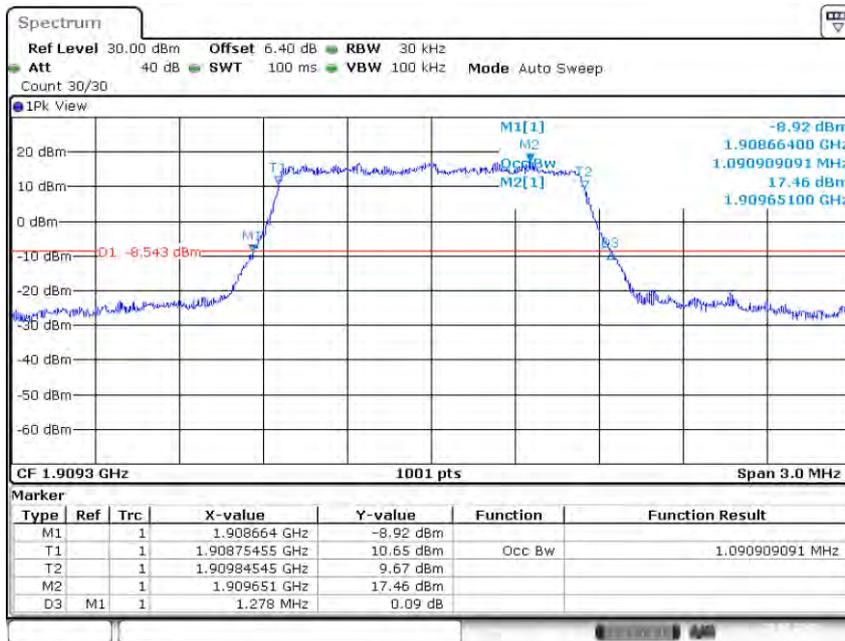


Band2-1.4MHz-64QAM-18900-6RB#0-1.094



Date: 28.JUL.2020 19:59:06

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



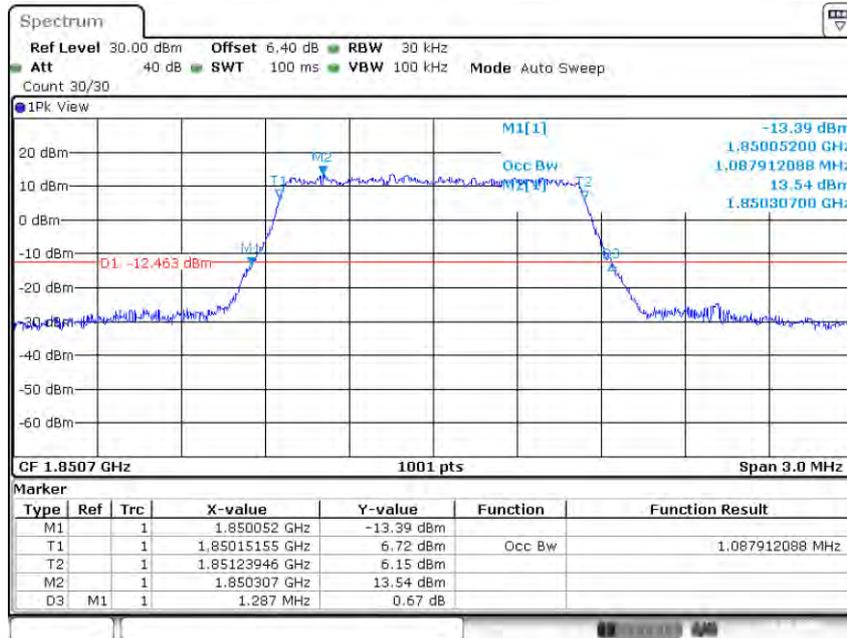
Date: 28.JUL.2020 19:59:19



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

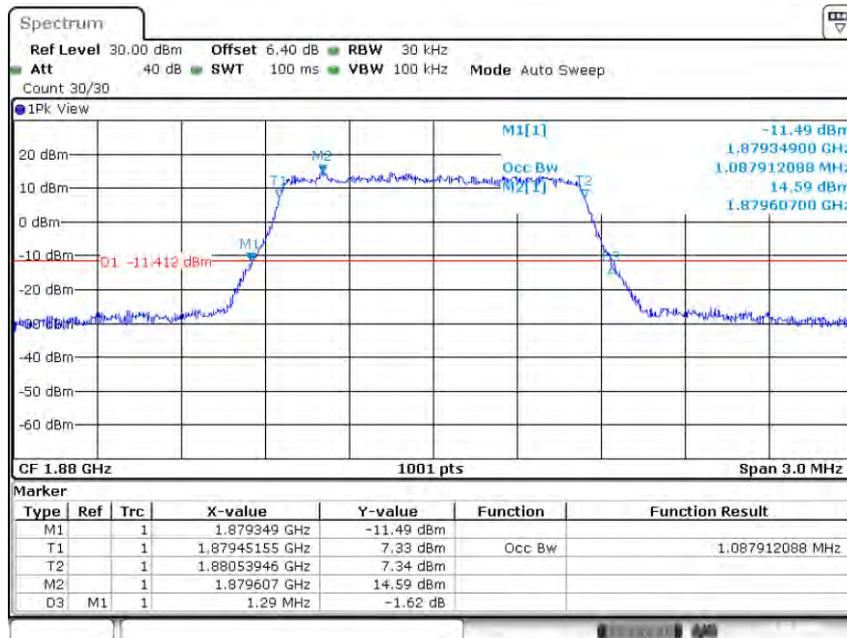


Band2-1.4MHz-16QAM-18607-6RB#0-1.088



Date: 30 JUL 2020 14:06:42

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



Date: 30 JUL 2020 14:06:07

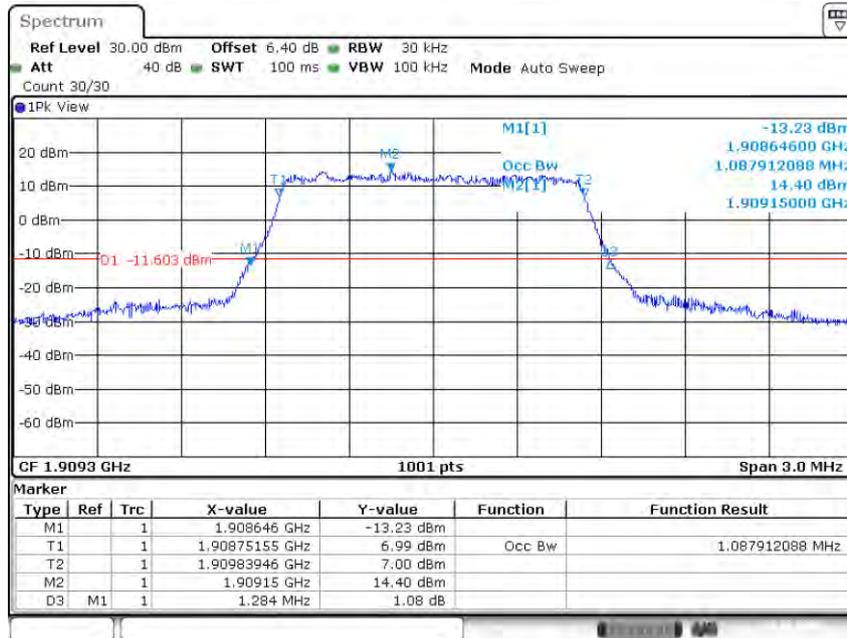


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

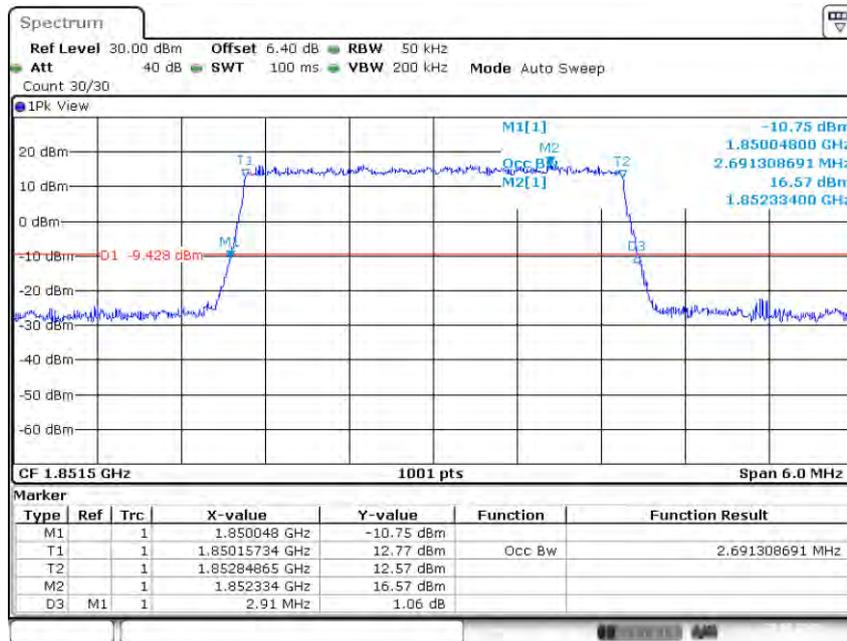


Band2-1.4MHz-16QAM-19193-6RB#0-1.088



Date: 30 JUL 2020 14:06:34

Band2-3MHz-QPSK-18615-15RB#0-2.691



Date: 28 JUL 2020 19:46:00



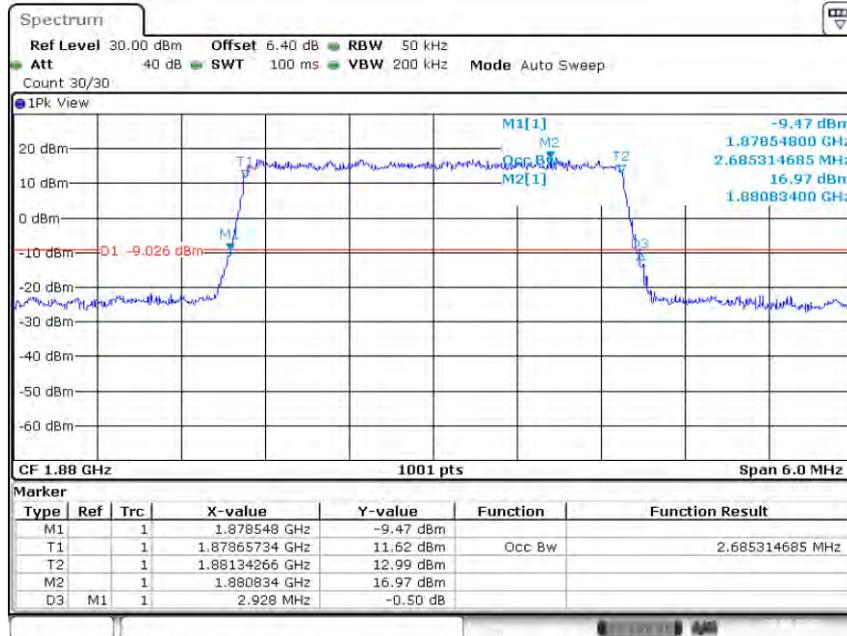
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

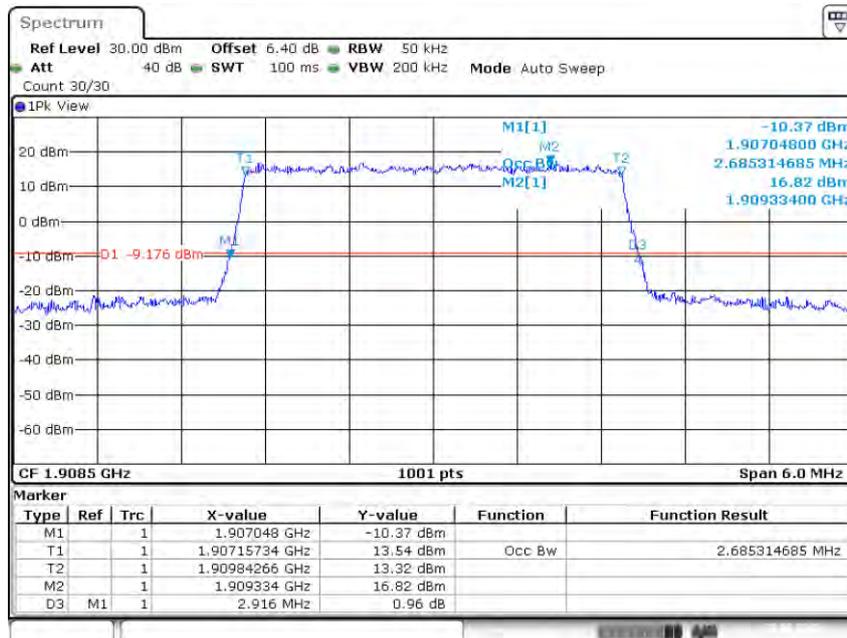


Band2-3MHz-QPSK-18900-15RB#0-2.685



Date: 28. JUL 2020 19:46:26

Band2-3MHz-QPSK-19185-15RB#0-2.685



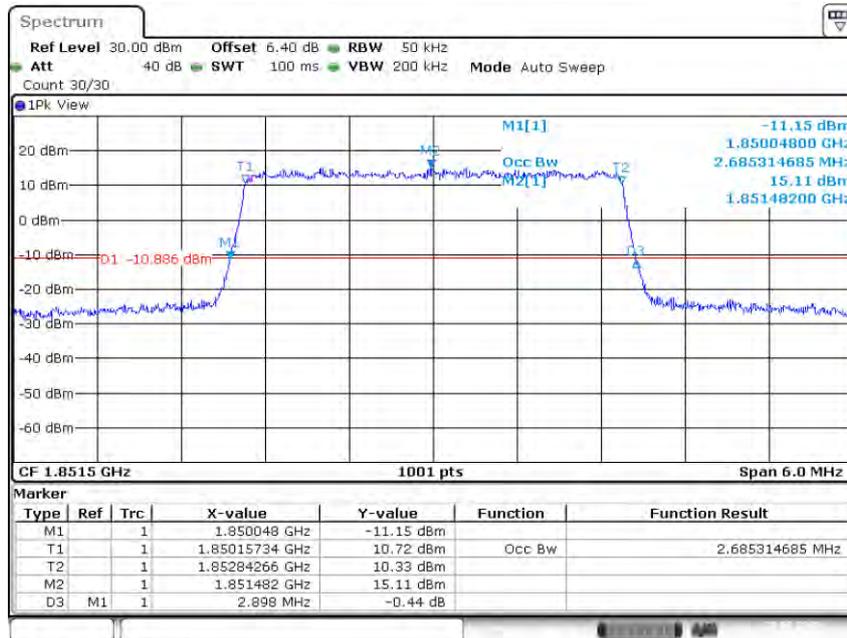
Date: 28. JUL 2020 19:46:52



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

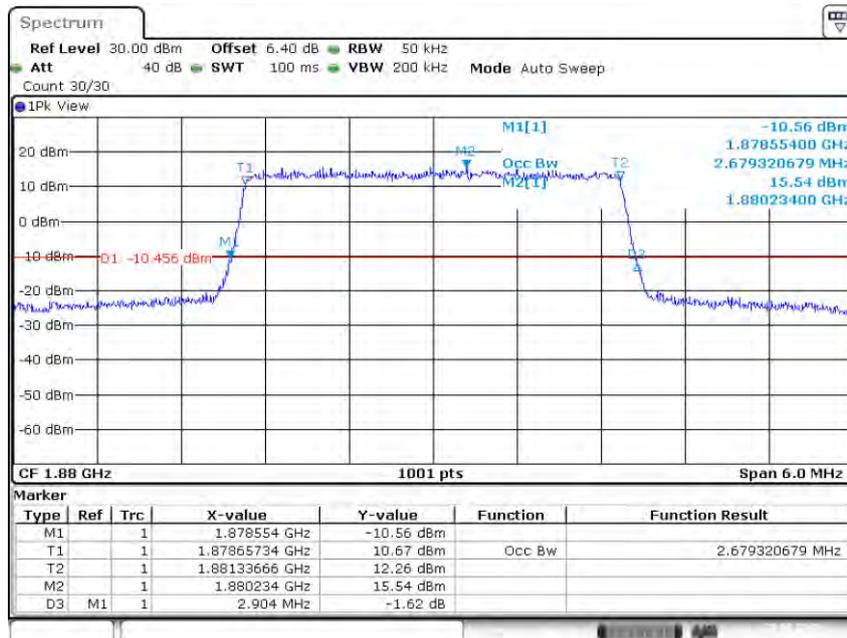


Band2-3MHz-64QAM-18615-15RB#0-2.685



Date: 28. JUL 2020 19:59:37

Band2-3MHz-64QAM-18900-15RB#0-2.679



Date: 28. JUL 2020 19:59:50



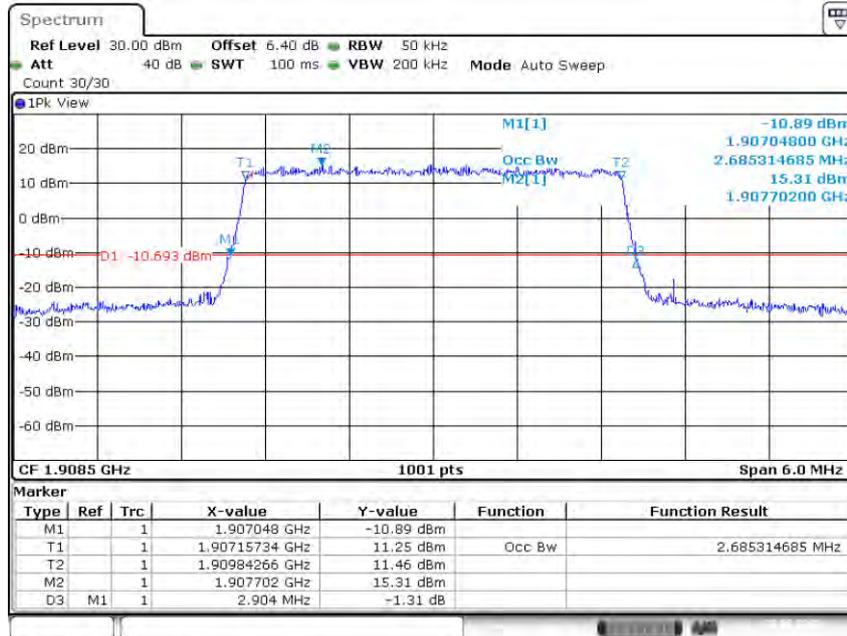
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

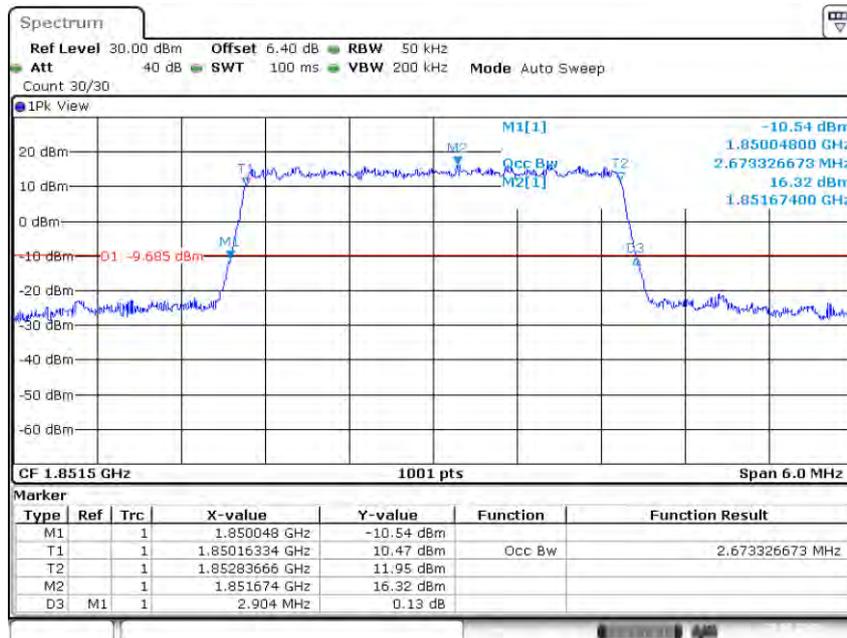


Band2-3MHz-64QAM-19185-15RB#0-2.685



Date: 28.JUL.2020 20:00:03

Band2-3MHz-16QAM-18615-15RB#0-2.673



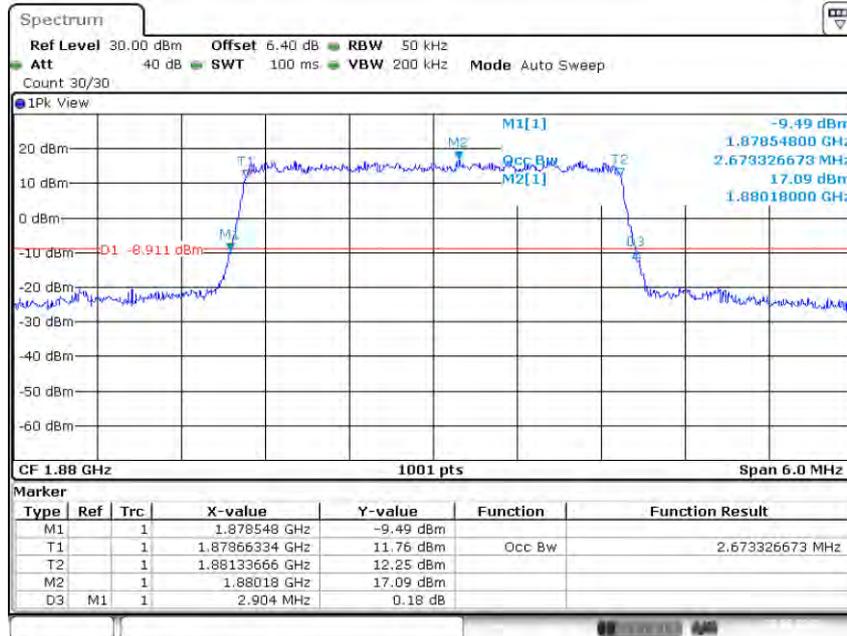
Date: 28.JUL.2020 19:46:13



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) 83071443, or email: CN.Doccheck@sgs.com

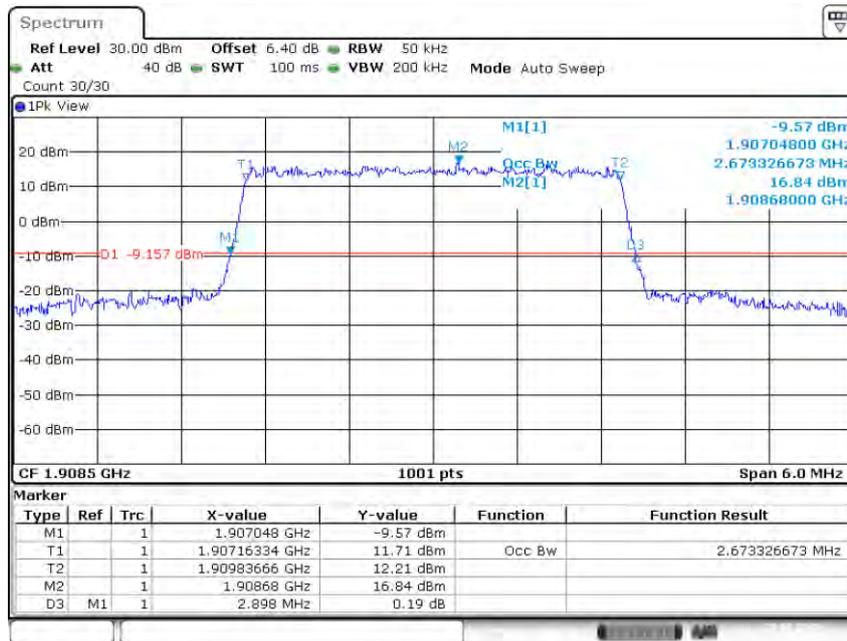


Band2-3MHz-16QAM-18900-15RB#0-2.673



Date: 28. JUL 2020 19:46:39

Band2-3MHz-16QAM-19185-15RB#0-2.673



Date: 28. JUL 2020 19:47:04

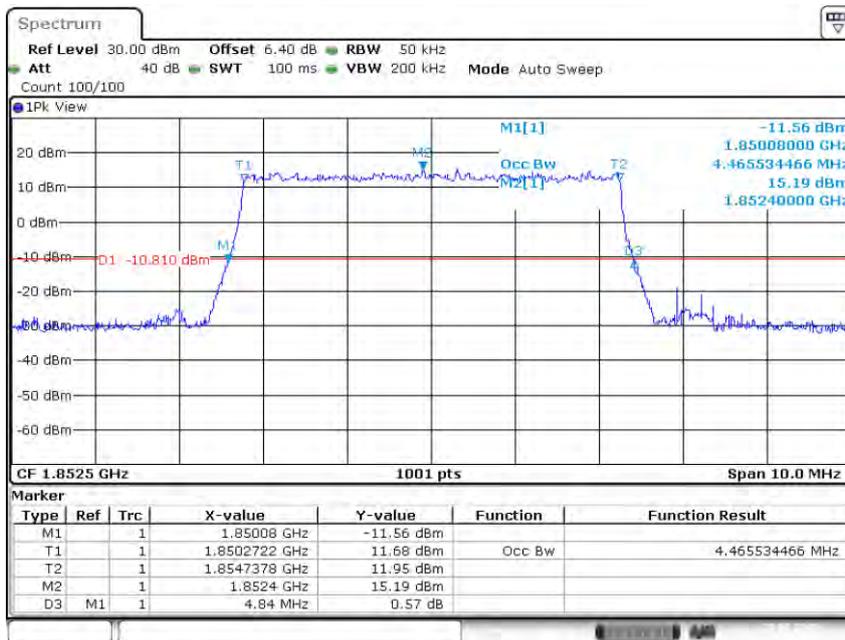


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

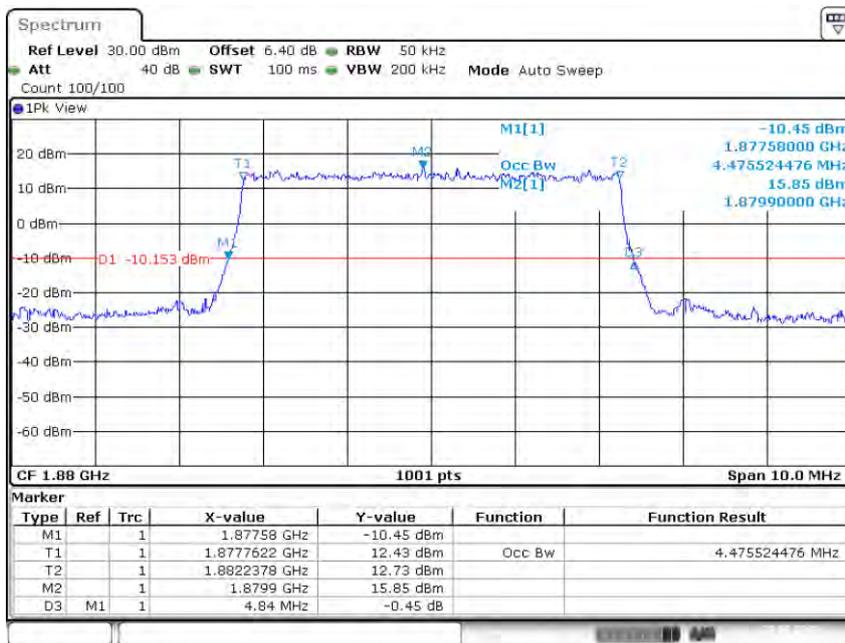


Band2-5MHz-QPSK-18625-25RB#0-4.466



Date: 28. JUL 2020 19:47:29

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



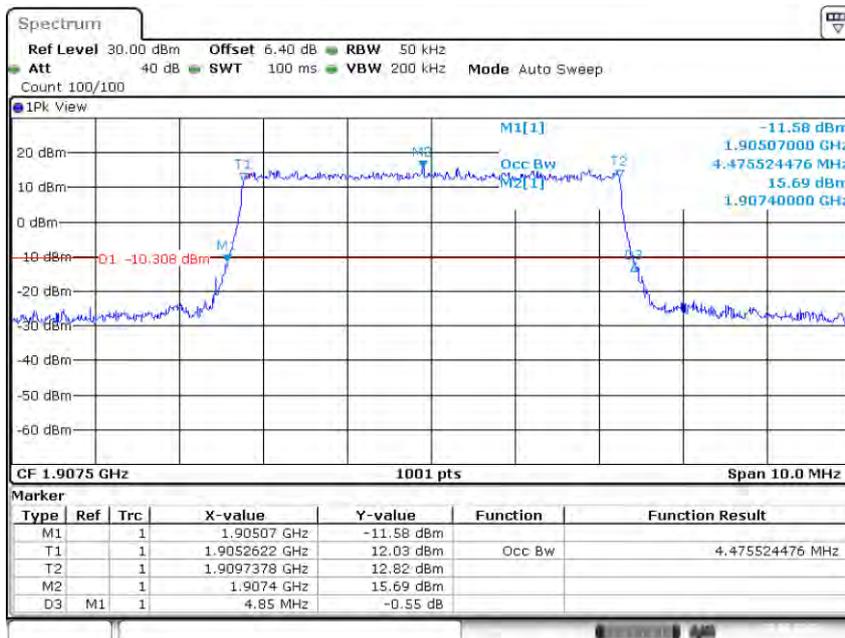
Date: 28. JUL 2020 19:48:09



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) 83071443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

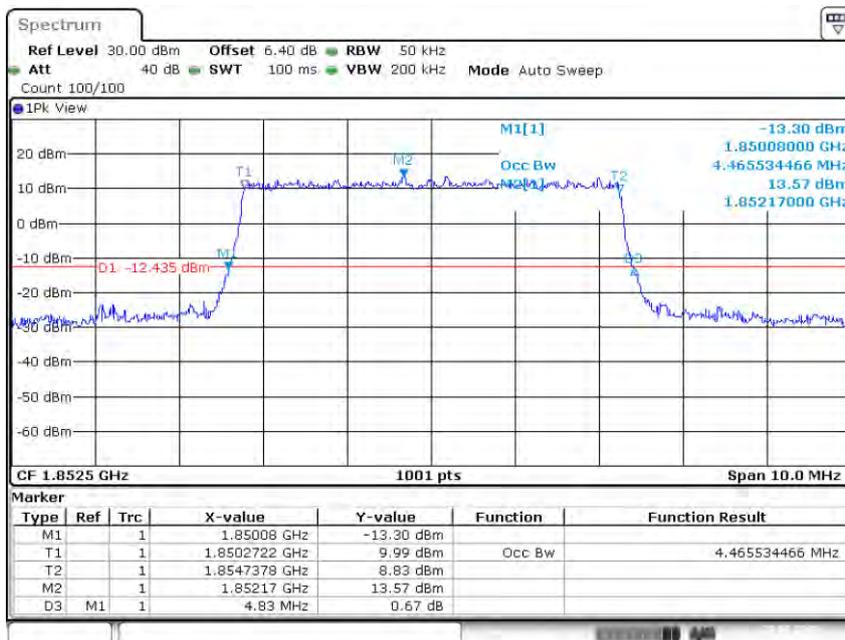


Band2-5MHz-QPSK-19175-25RB#0-4.476



Date: 28. JUL. 2020 19:48:48

Band2-5MHz-64QAM-18625-25RB#0-4.466



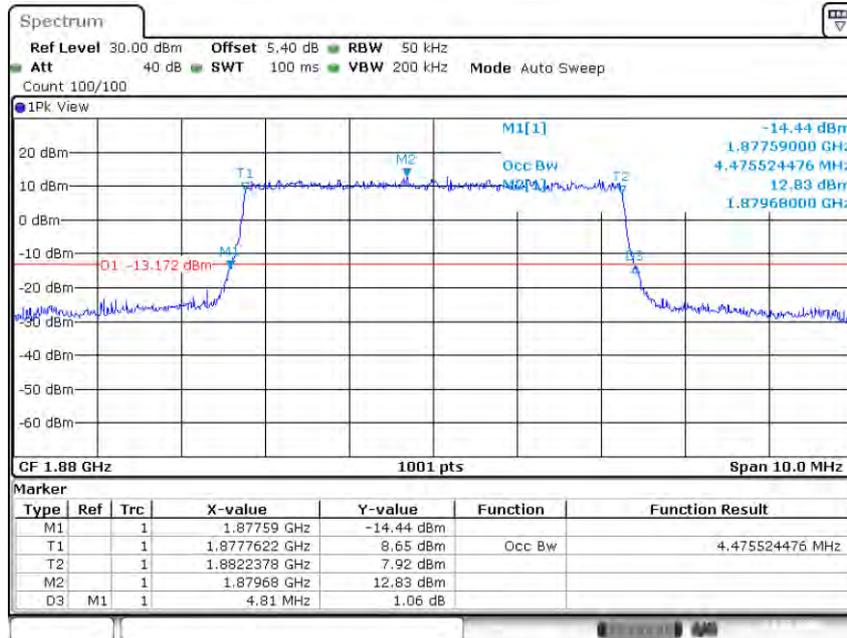
Date: 28. JUL. 2020 20:00:27



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

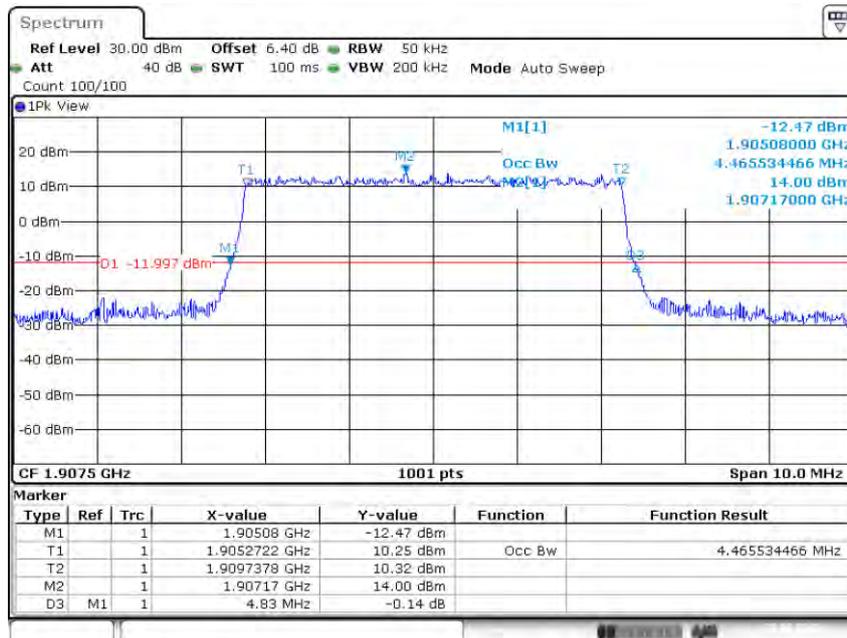


Band2-5MHz-64QAM-18900-25RB#0-4.476



Date: 31 JUL 2020 11:48:29

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



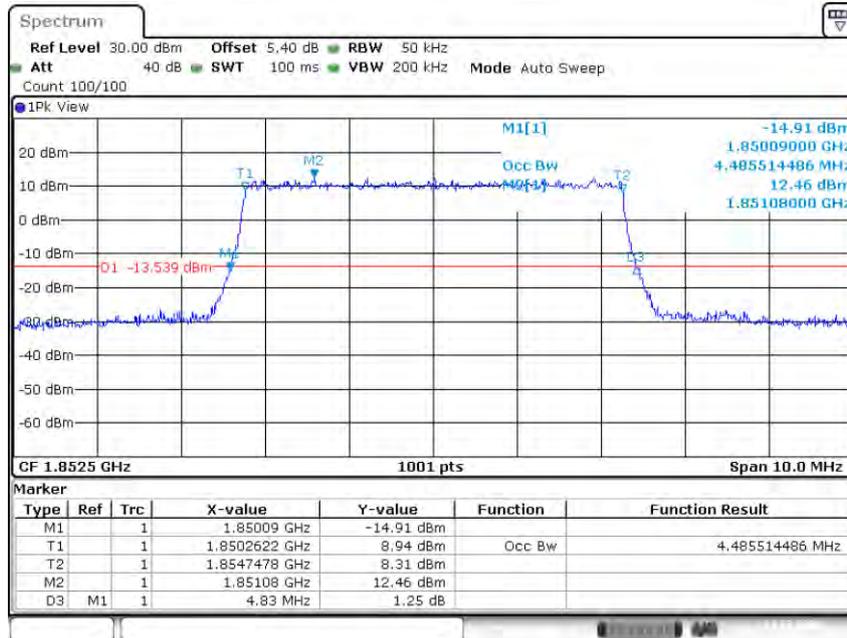
Date: 28 JUL 2020 20:01:14



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

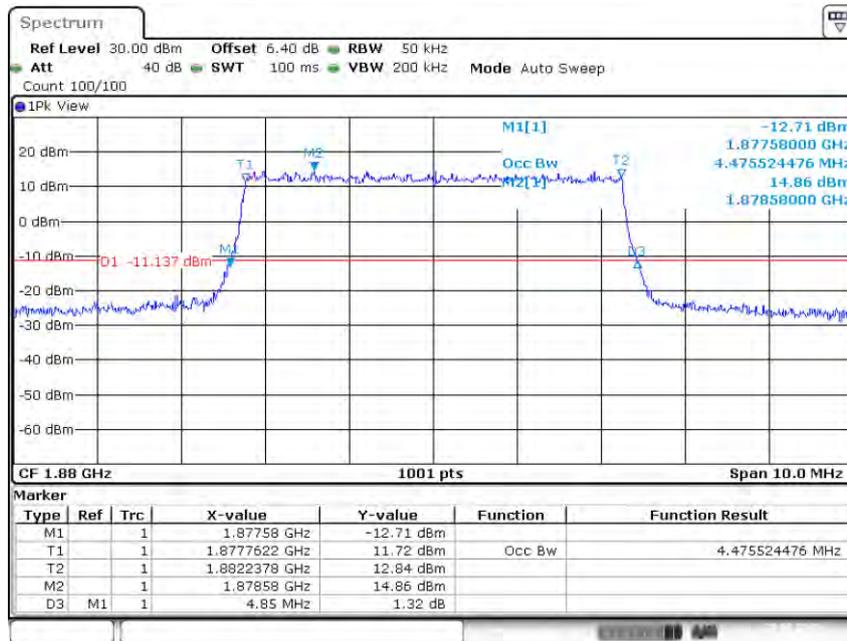


Band2-5MHz-16QAM-18625-25RB#0-4.486



Date: 31 JUL 2020 11:14:28

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



Date: 28 JUL 2020 19:48:28

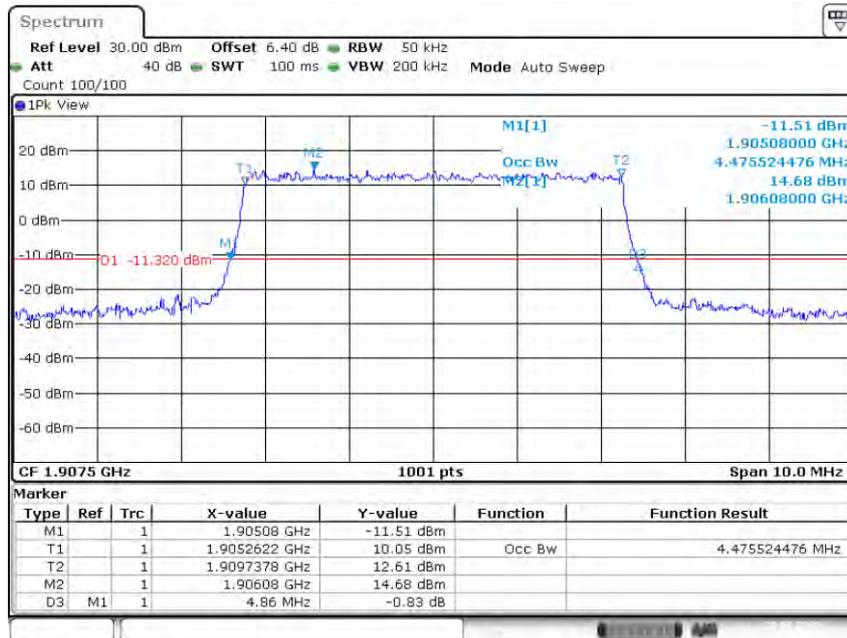


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

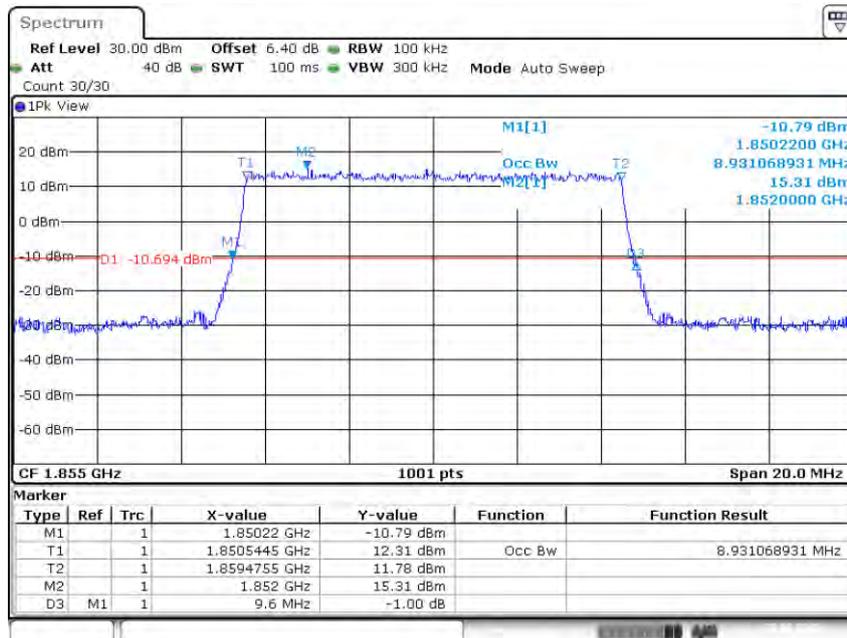


Band2-5MHz-16QAM-19175-25RB#0-4.476



Date: 28. JUL 2020 19:49:08

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



Date: 28. JUL 2020 19:49:26

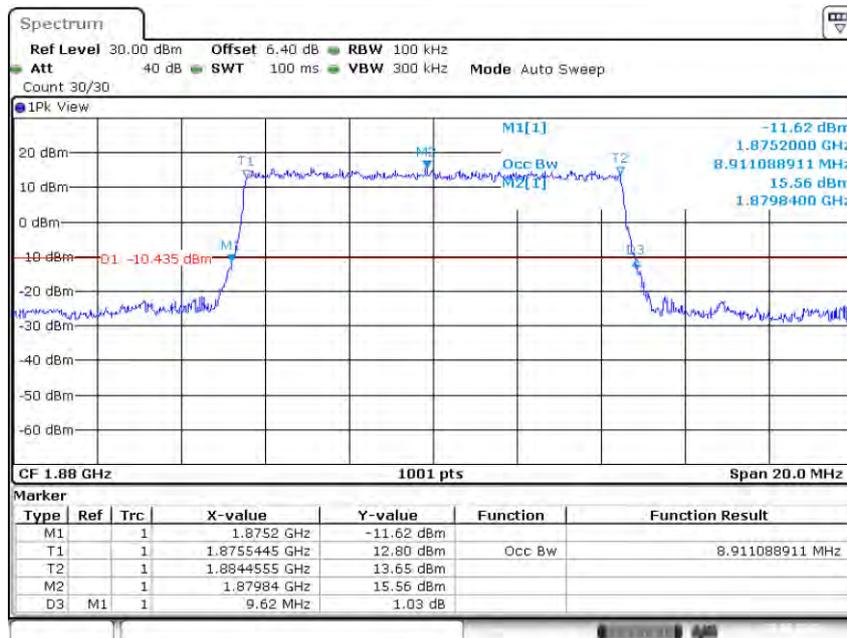


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

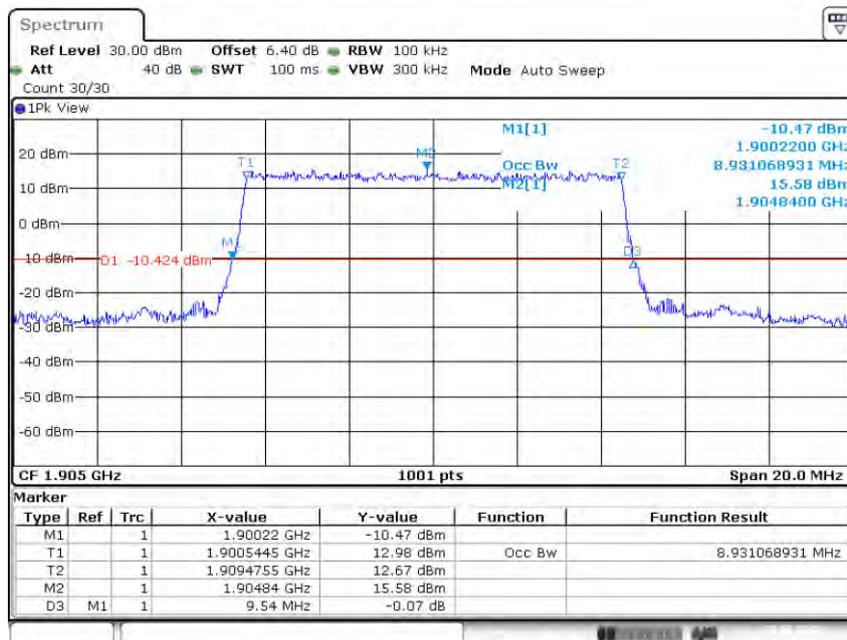


Band2-10MHz-QPSK-18900-50RB#0-8.911



Date: 28. JUL 2020 19:49:51

Band2-10MHz-QPSK-19150-50RB#0-8.931



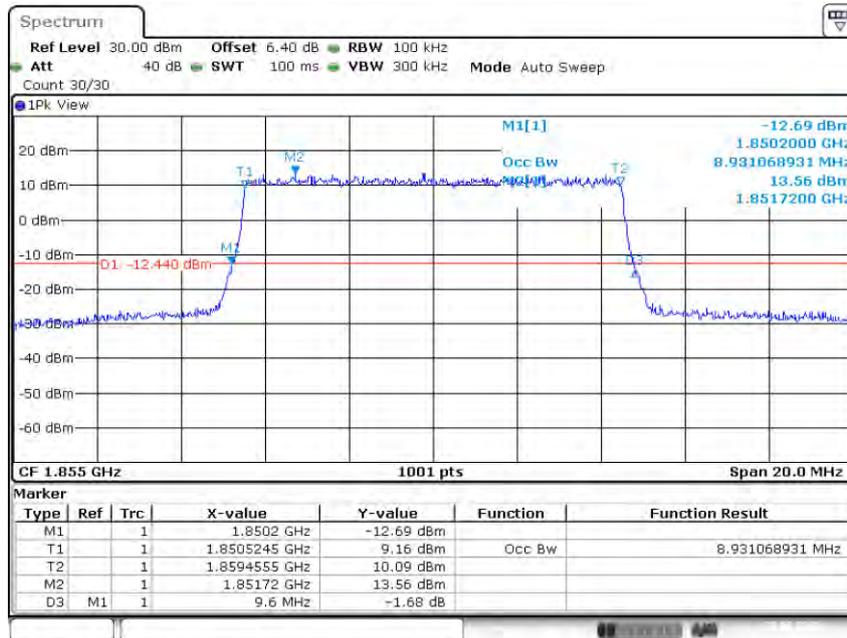
Date: 28. JUL 2020 19:50:17



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) 83071443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

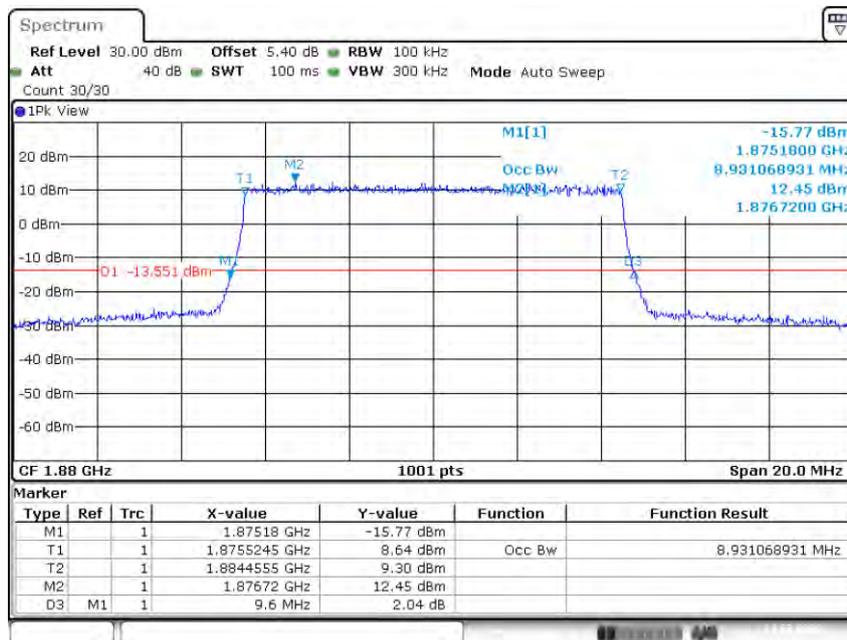


Band2-10MHz-64QAM-18650-50RB#0-8.931



Date: 28. JUL 2020 20:01:31

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



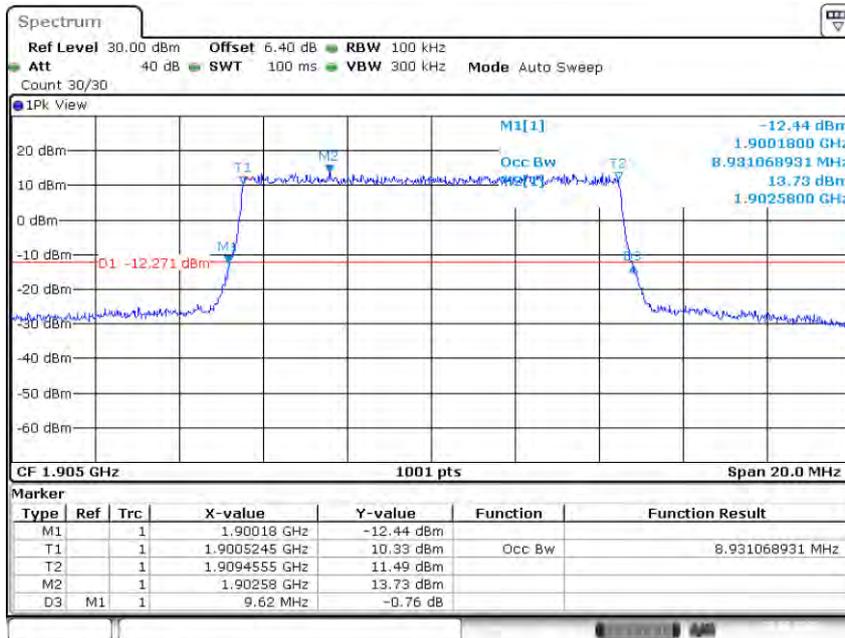
Date: 31. JUL 2020 11:14:45



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

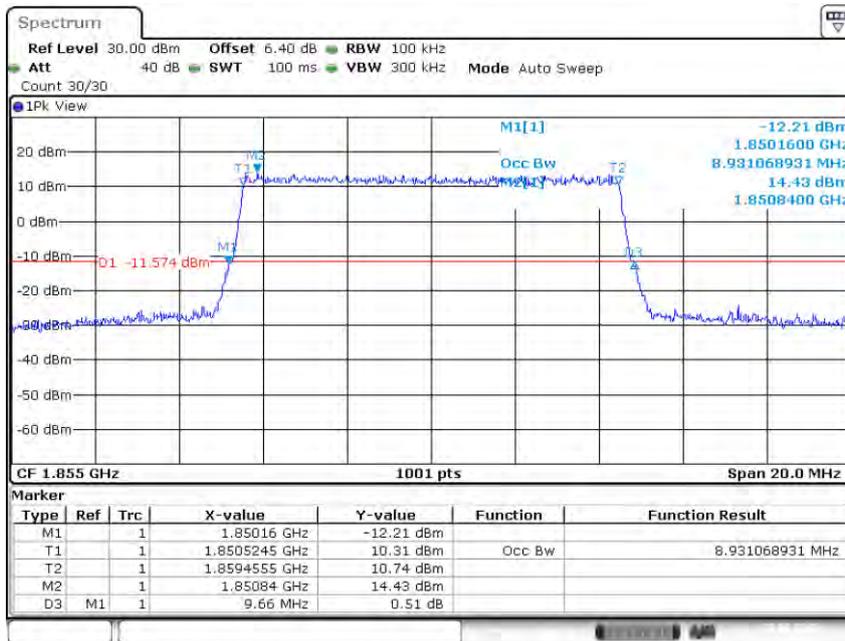


Band2-10MHz-64QAM-19150-50RB#0-8.931



Date: 28. JUL. 2020 20:01:57

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



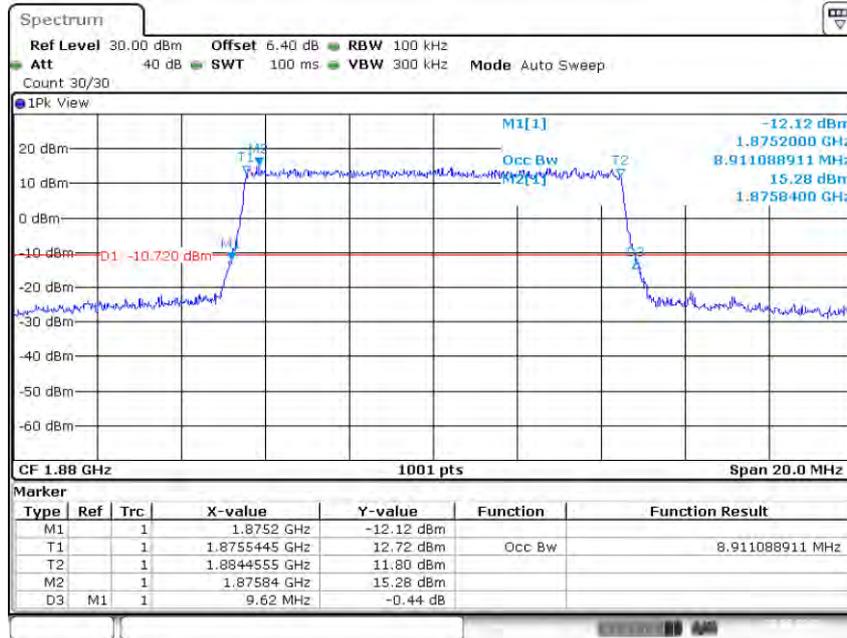
Date: 28. JUL. 2020 19:49:38



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

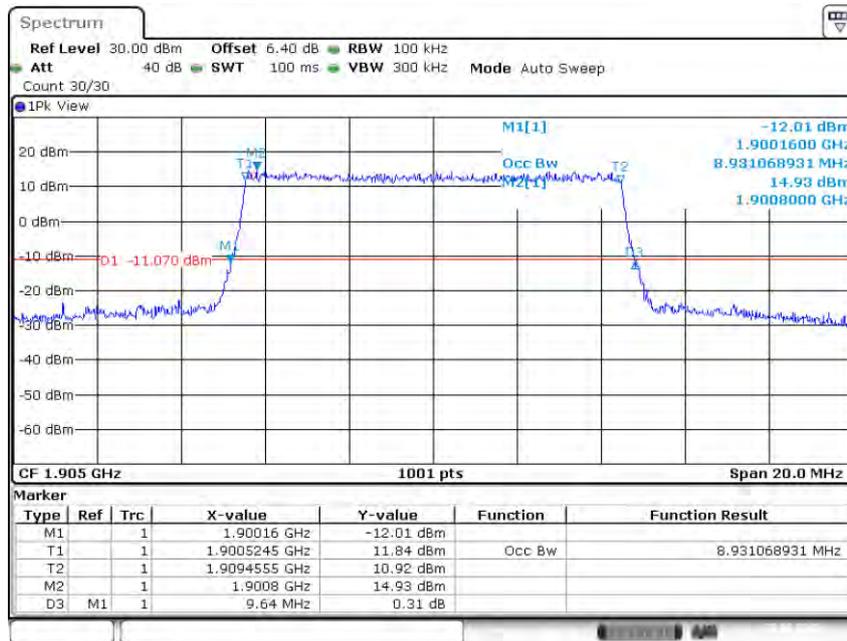


Band2-10MHz-16QAM-18900-50RB#0-8.911



Date: 28. JUL 2020 19:50:04

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

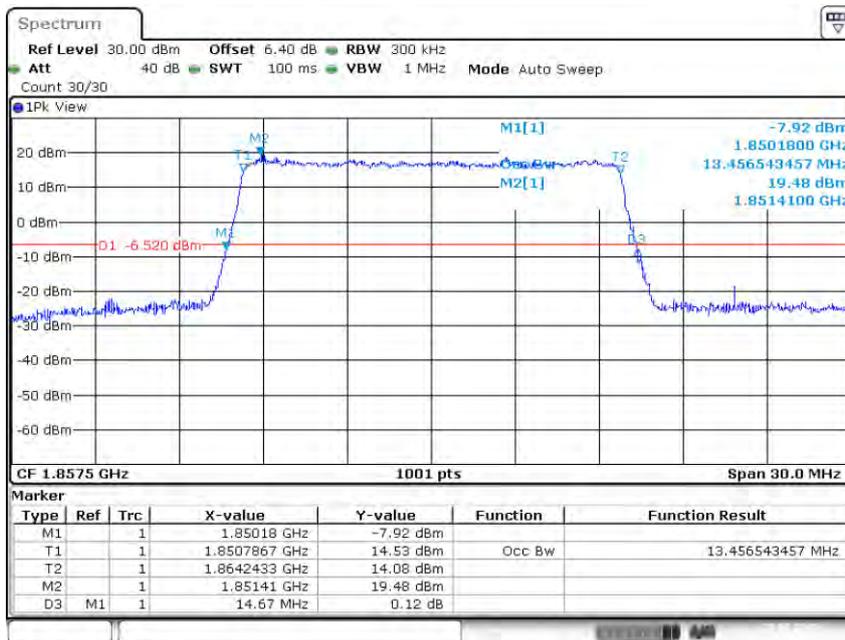


Date: 28. JUL 2020 19:50:30



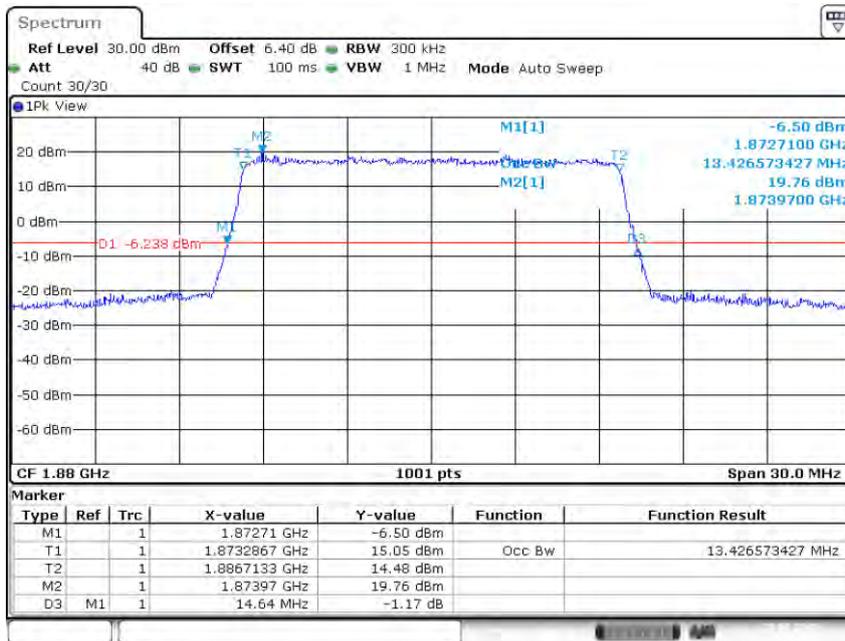
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 28.JUL.2020 19:51:14

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



Date: 28.JUL.2020 19:51:40

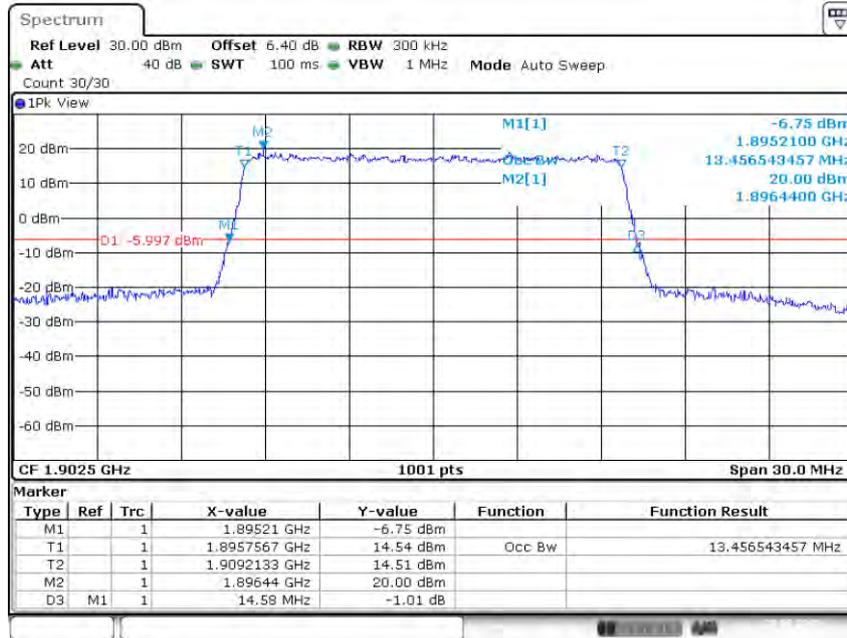


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

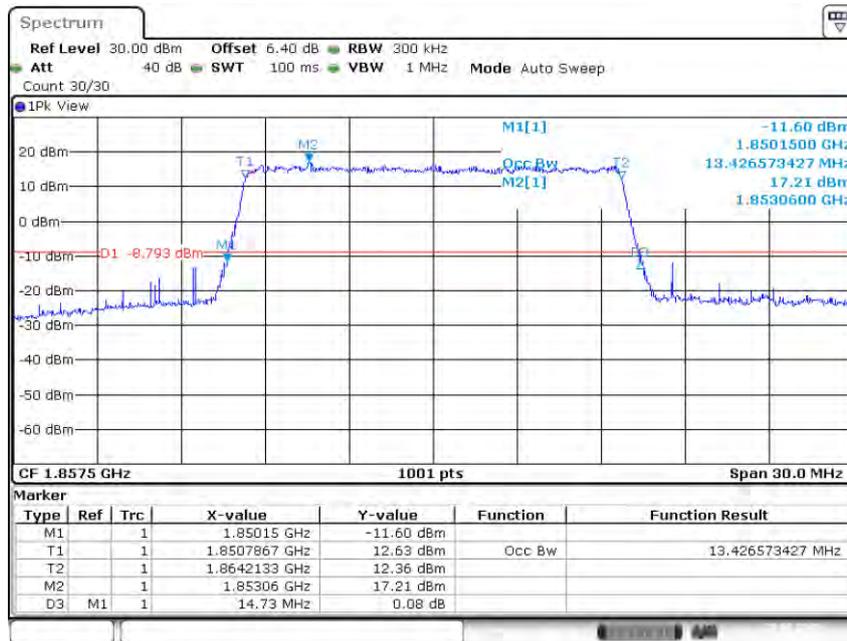


Band2-15MHz-QPSK-19125-75RB#0-13.457



Date: 28. JUL 2020 19:52:06

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



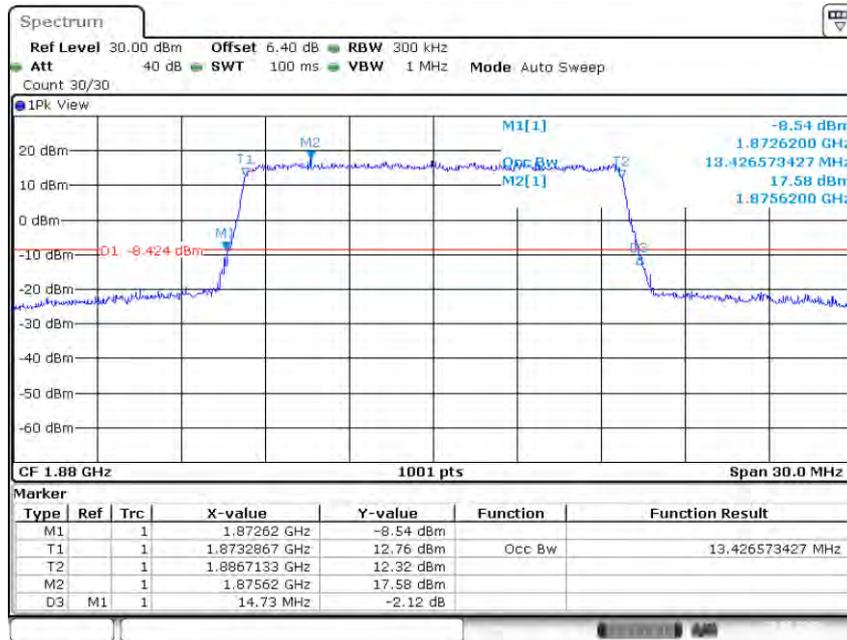
Date: 28. JUL 2020 20:02:15



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

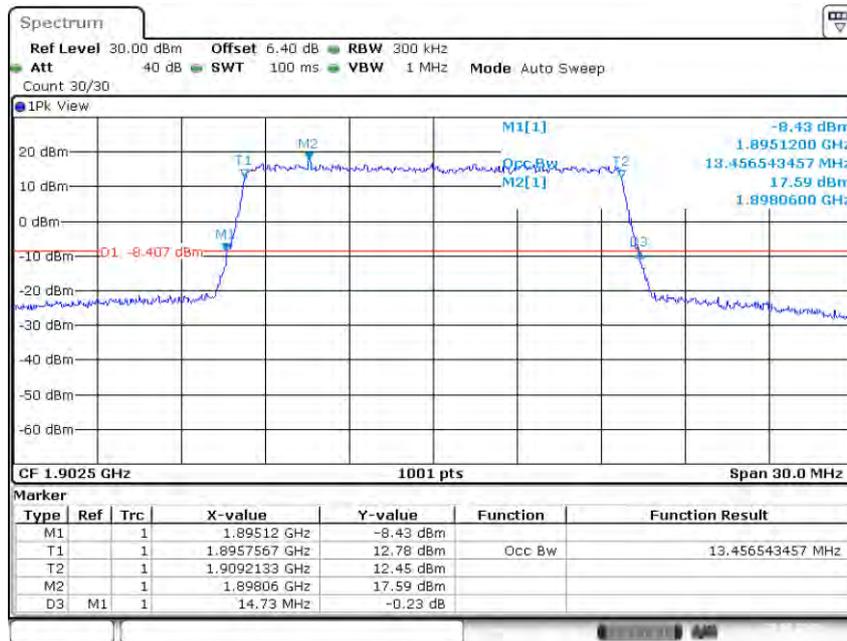


Band2-15MHz-64QAM-18900-75RB#0-13.427



Date: 28. JUL. 2020 20:02:28

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



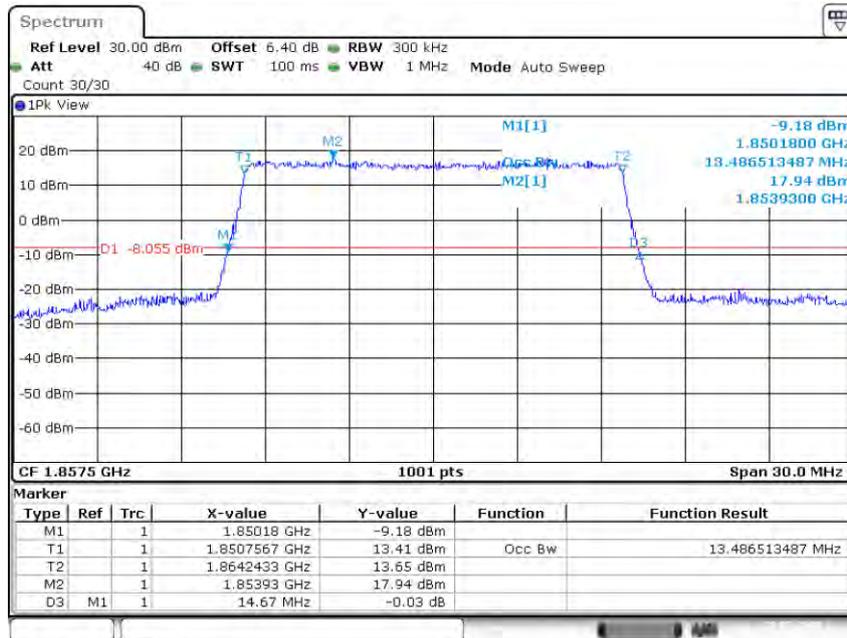
Date: 28. JUL. 2020 20:02:41



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

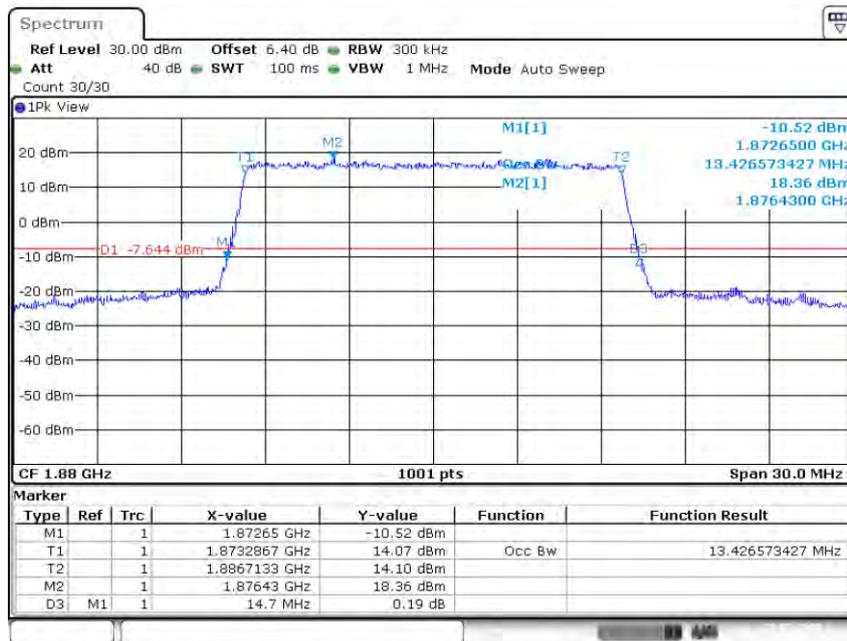


Band2-15MHz-16QAM-18675-75RB#0-13.487



Date: 28.JUL.2020 19:51:27

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



Date: 28.JUL.2020 19:51:53

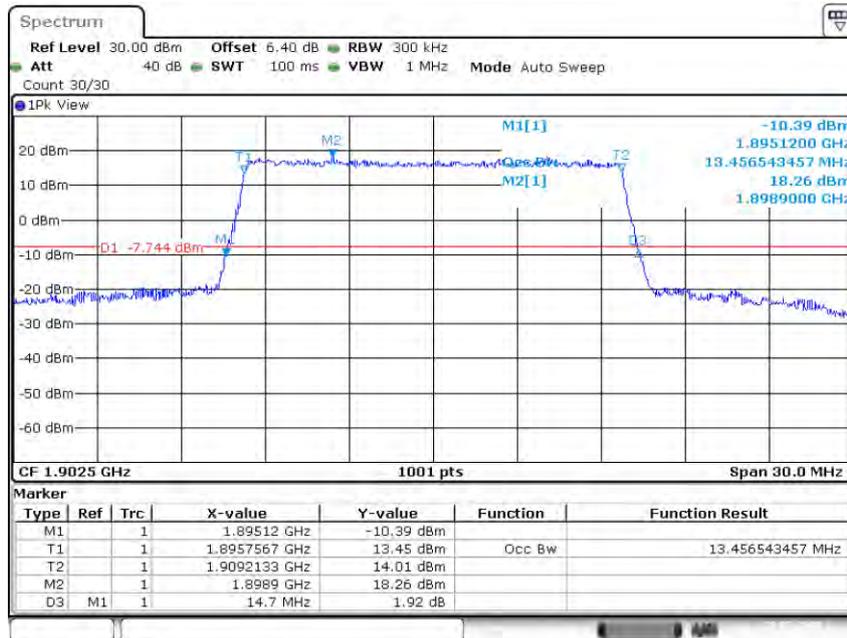


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

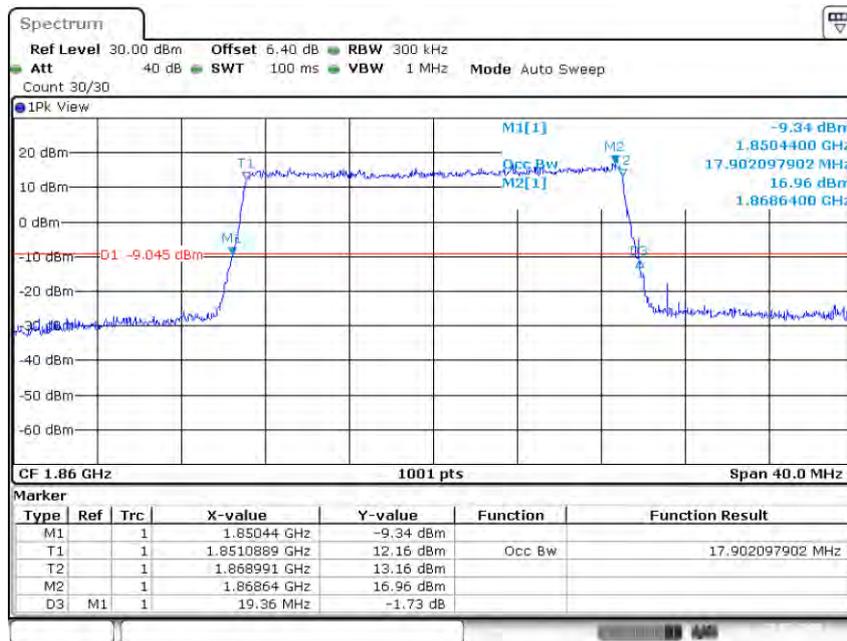


Band2-15MHz-16QAM-19125-75RB#0-13.457



Date: 28.JUL.2020 19:52:19

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



Date: 28.JUL.2020 20:07:26

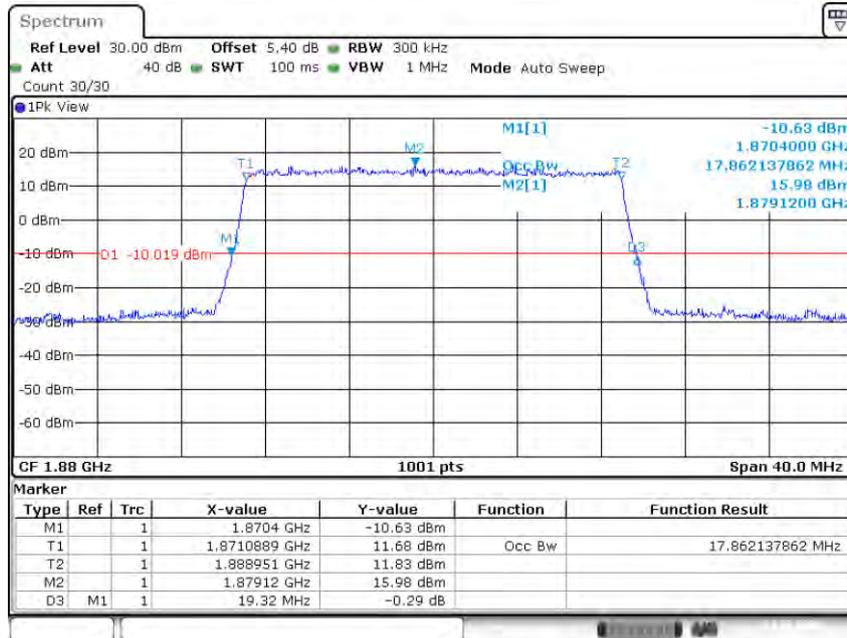


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

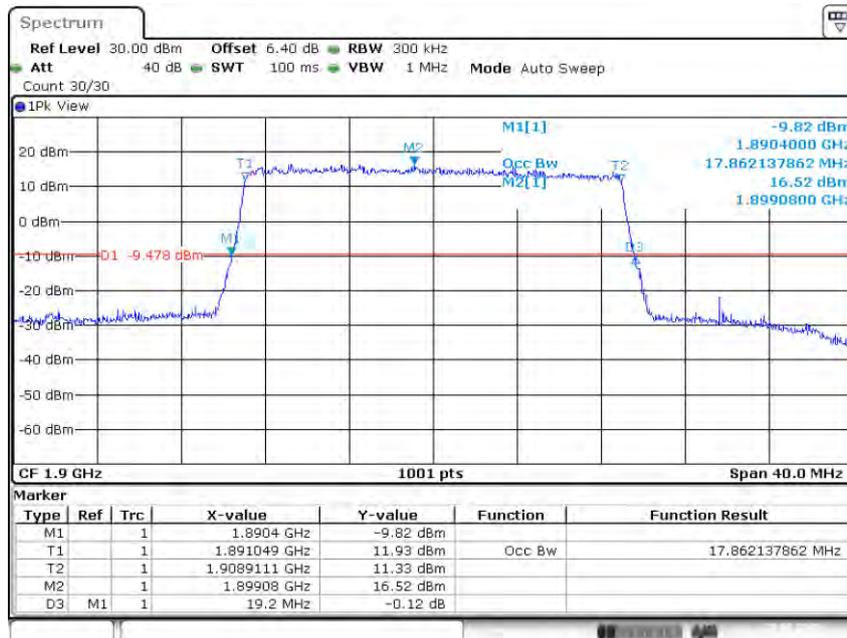


Band2-20MHz-QPSK-18900-100RB#0-17.862



Date: 31 JUL 2020 11:15:02

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



Date: 28 JUL 2020 20:08:18



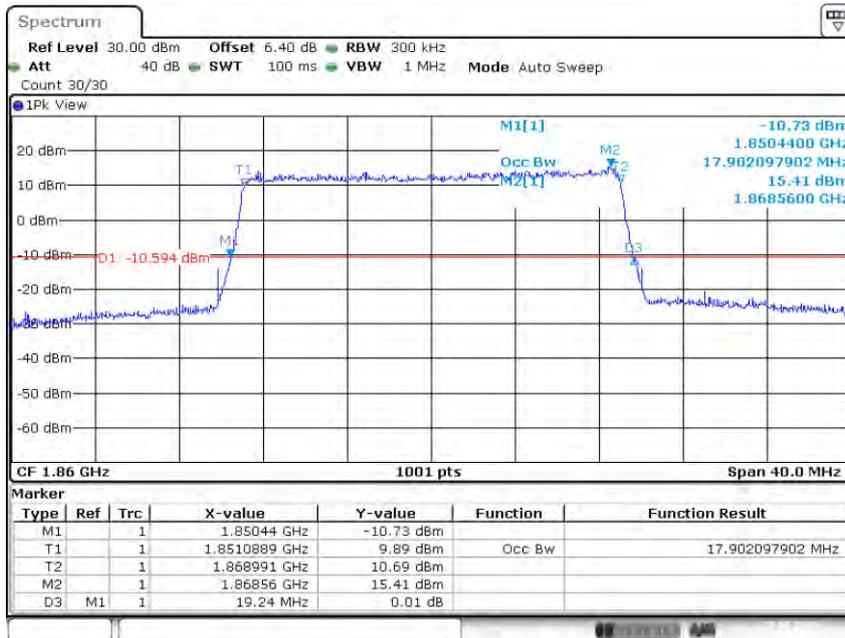
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

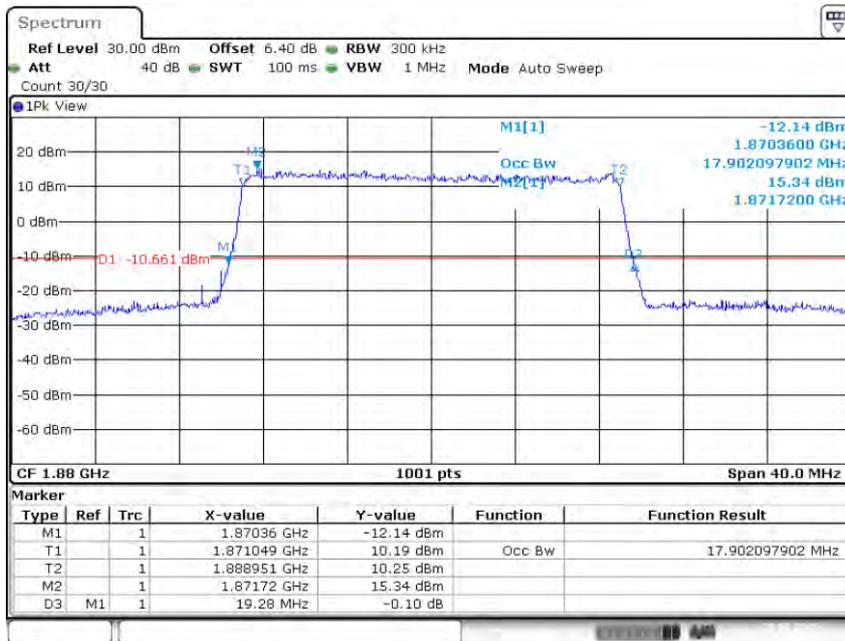


Band2-20MHz-64QAM-18700-100RB#0-17.902



Date: 28.JUL.2020 20:05:03

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



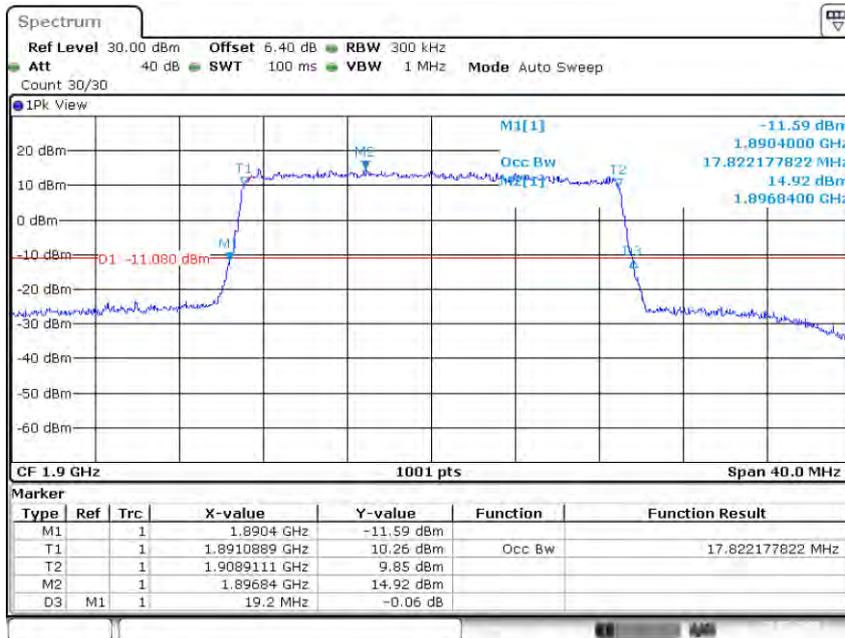
Date: 28.JUL.2020 20:05:16



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) 83071443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

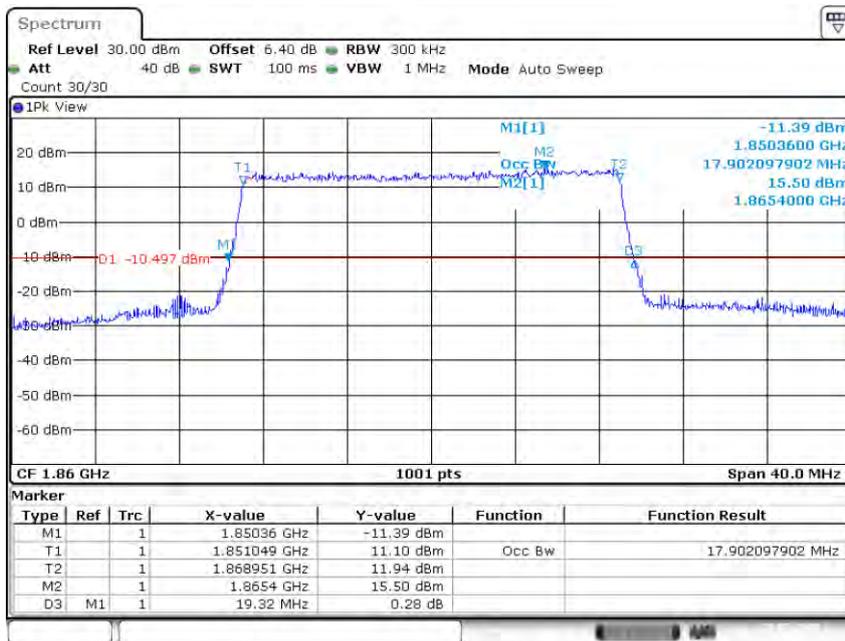


Band2-20MHz-64QAM-19100-100RB#0-17.822



Date: 28 JUL 2020 20:05:29

Band2-20MHz-16QAM-18700-100RB#0-17.902



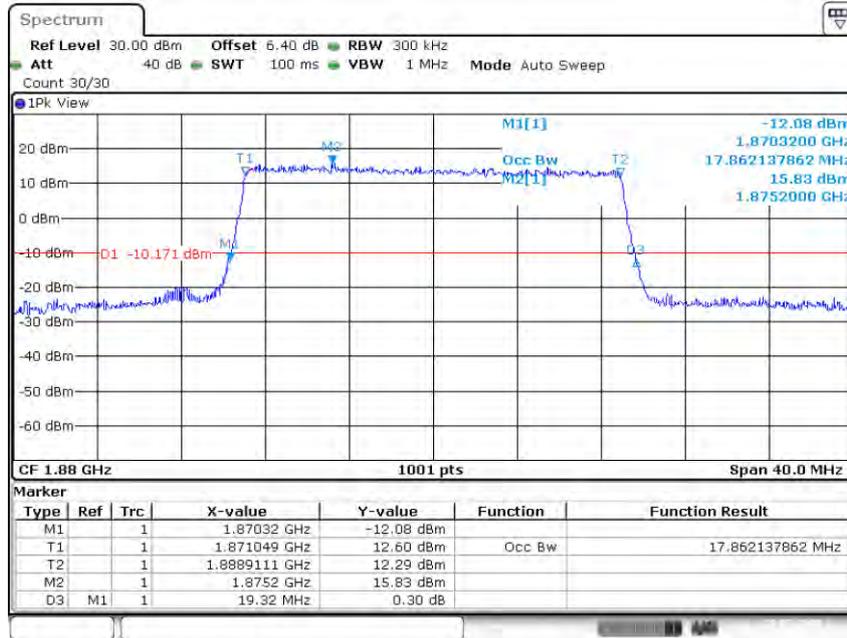
Date: 28 JUL 2020 20:07:39



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) 83071443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

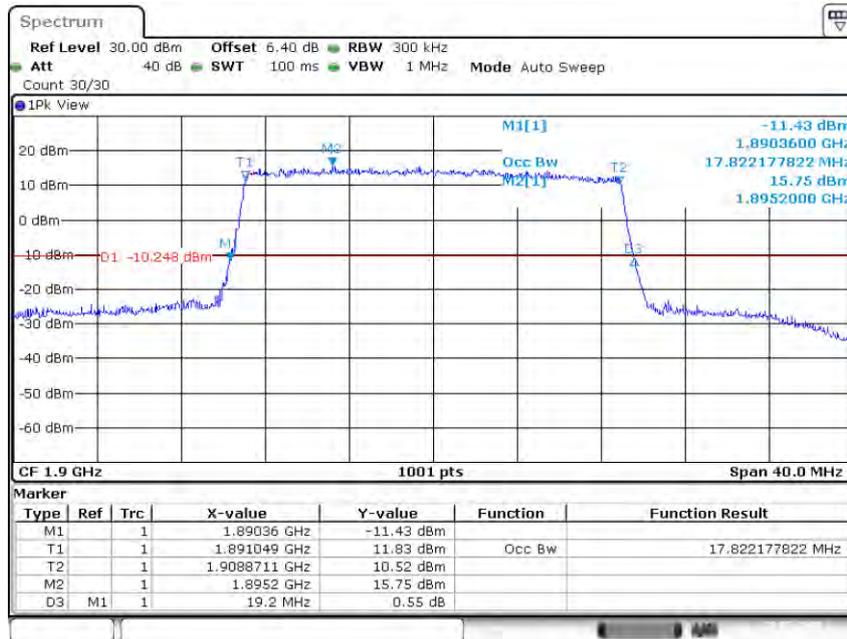


Band2-20MHz-16QAM-18900-100RB#0-17.862



Date: 28.JUL.2020 20:08:05

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



Date: 28.JUL.2020 20:08:30



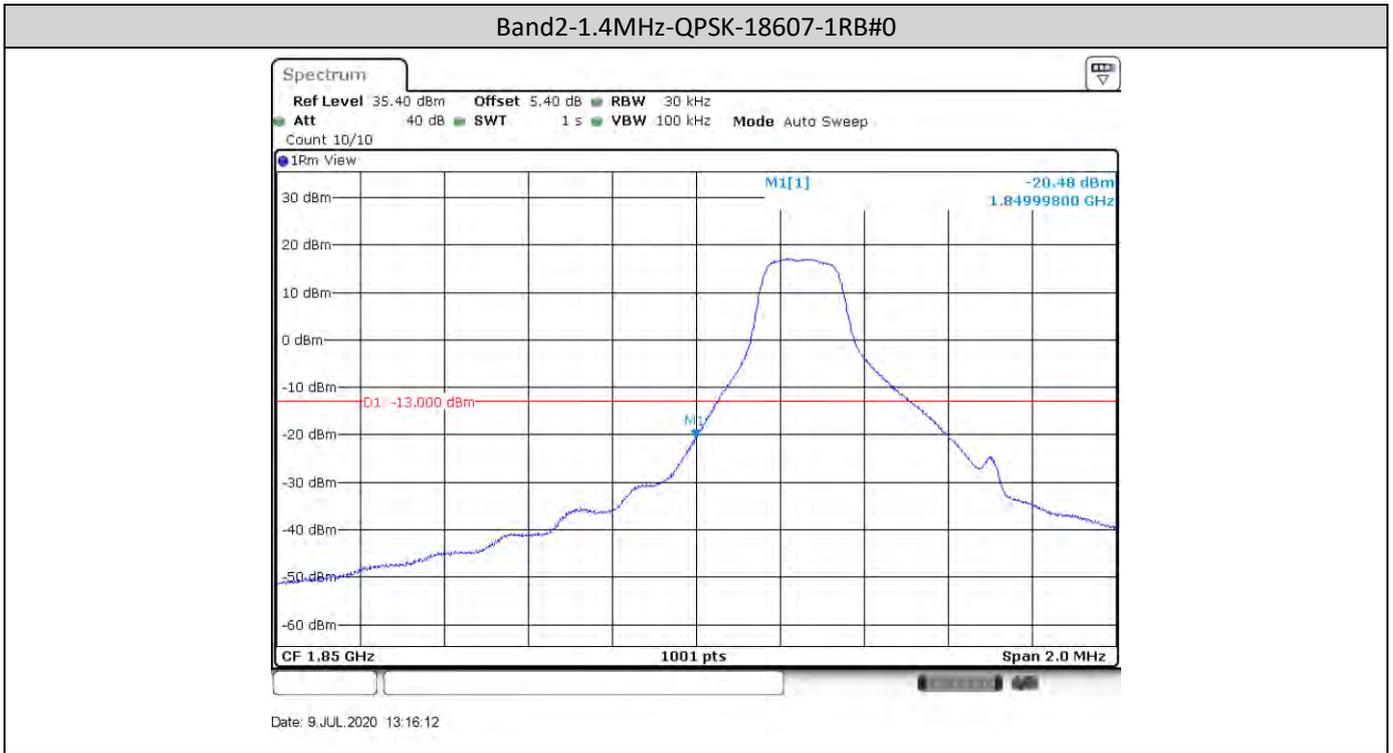
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



5. Band Edge Compliance

5.1. Test Plots



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

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

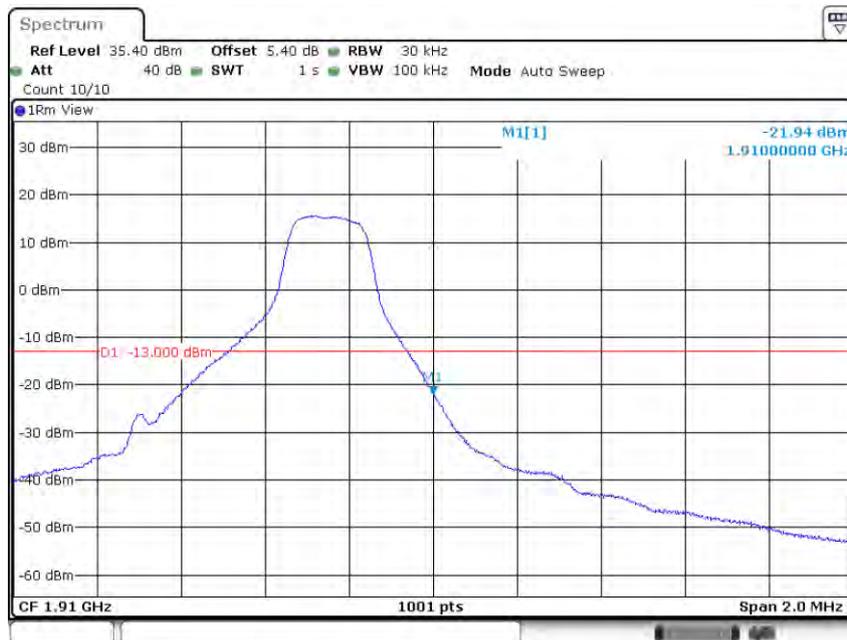


Band2-1.4MHz-QPSK-18607-6RB#0



Date: 9 JUL 2020 13:19:04

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



Date: 9 JUL 2020 13:17:38



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



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



Date: 9 JUL 2020 13:19:46

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



Date: 14 JUL 2020 06:37:24



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



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



Date: 14.JUL.2020 06:38:55

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



Date: 14.JUL.2020 06:38:10



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



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



Date: 14.JUL.2020 06:39:16

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



Date: 9.JUL.2020 13:16:32



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

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



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



Date: 9 JUL 2020 13:19:25

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



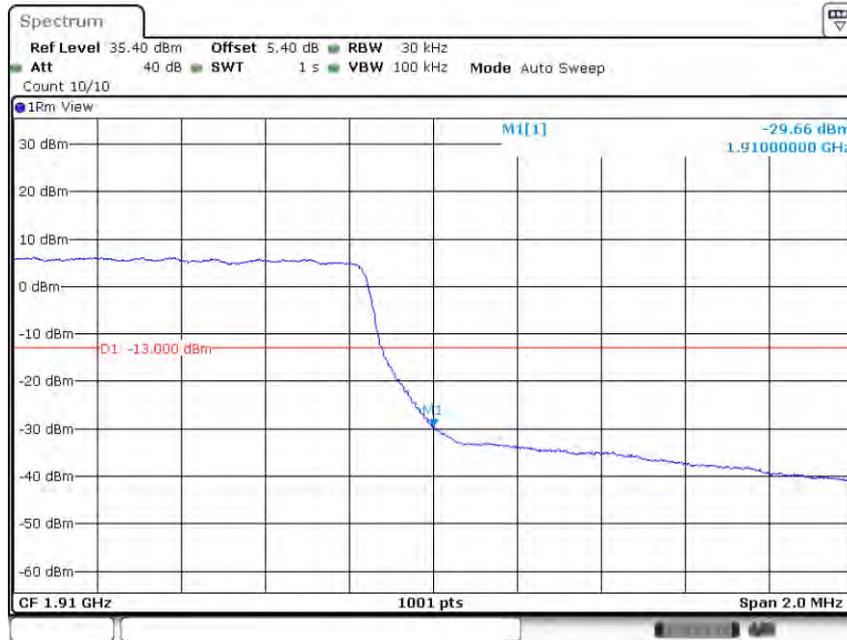
Date: 9 JUL 2020 13:17:58



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



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



Date: 9 JUL 2020 13:20:06

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



Date: 9 JUL 2020 13:20:32



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

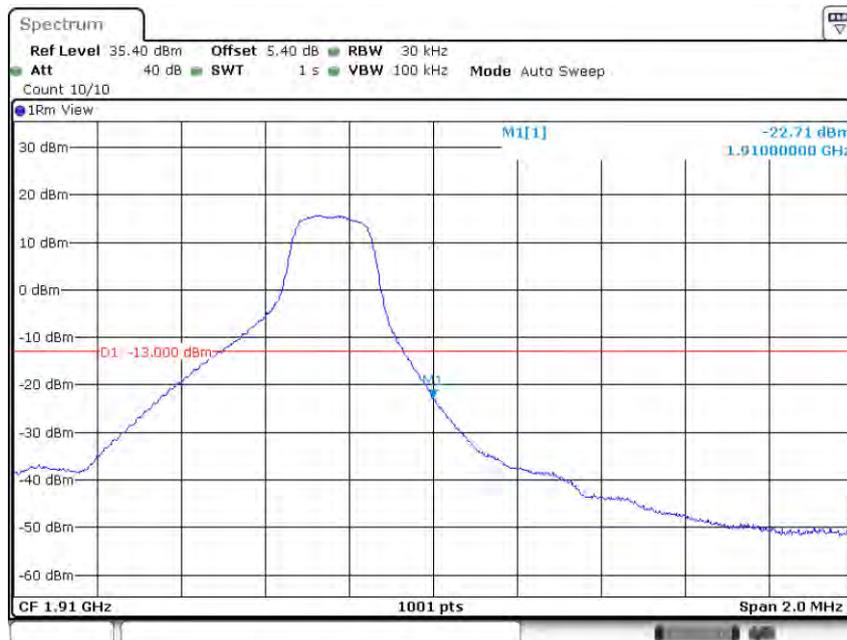


Band2-3MHz-QPSK-18615-15RB#0



Date: 9 JUL 2020 13:23:24

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



Date: 9 JUL 2020 13:21:58



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

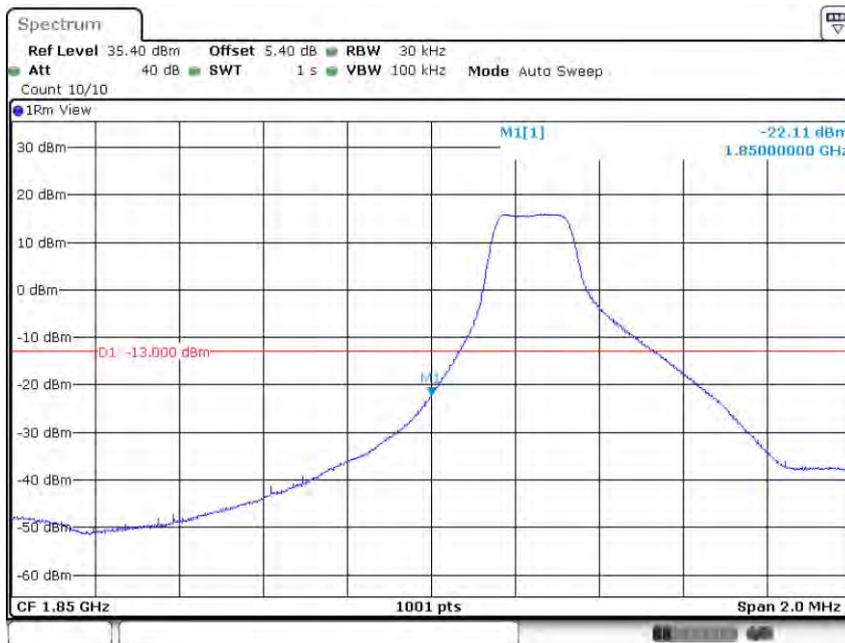


Band2-3MHz-QPSK-19185-15RB#0



Date: 9 JUL 2020 13:24:05

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



Date: 14 JUL 2020 06:39:42



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

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

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

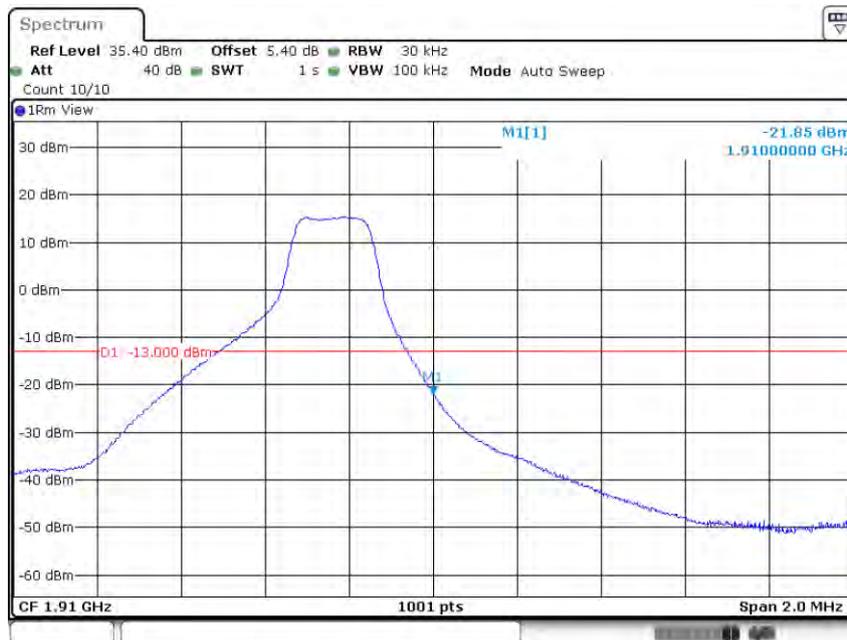


Band2-3MHz-64QAM-18615-15RB#0



Date: 14.JUL.2020 06:41:13

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



Date: 14.JUL.2020 06:40:27



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



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



Date: 14.JUL.2020 06:41:34

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



Date: 9.JUL.2020 13:20:52



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

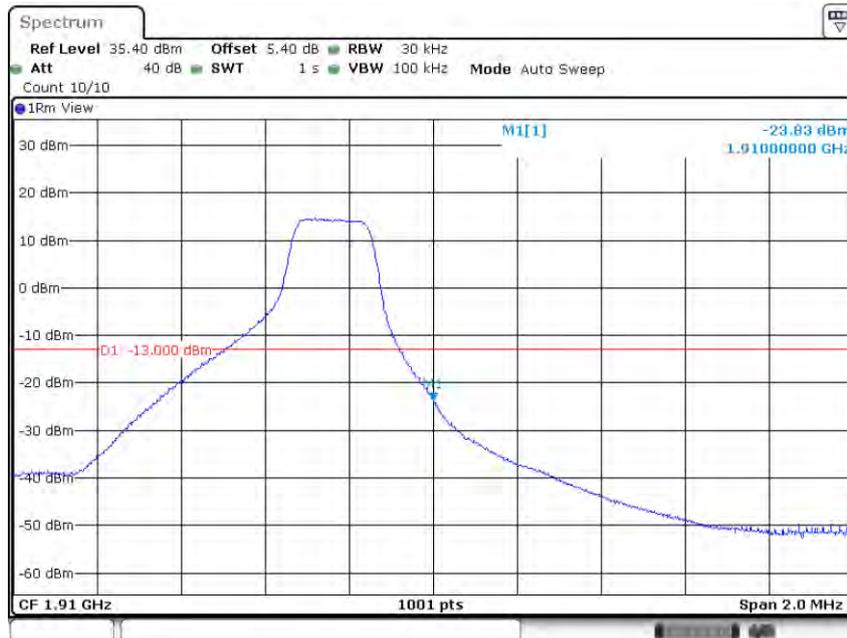


Band2-3MHz-16QAM-18615-15RB#0



Date: 9 JUL 2020 13:23:45

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



Date: 9 JUL 2020 13:22:18



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



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



Date: 9 JUL 2020 13:24:26

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



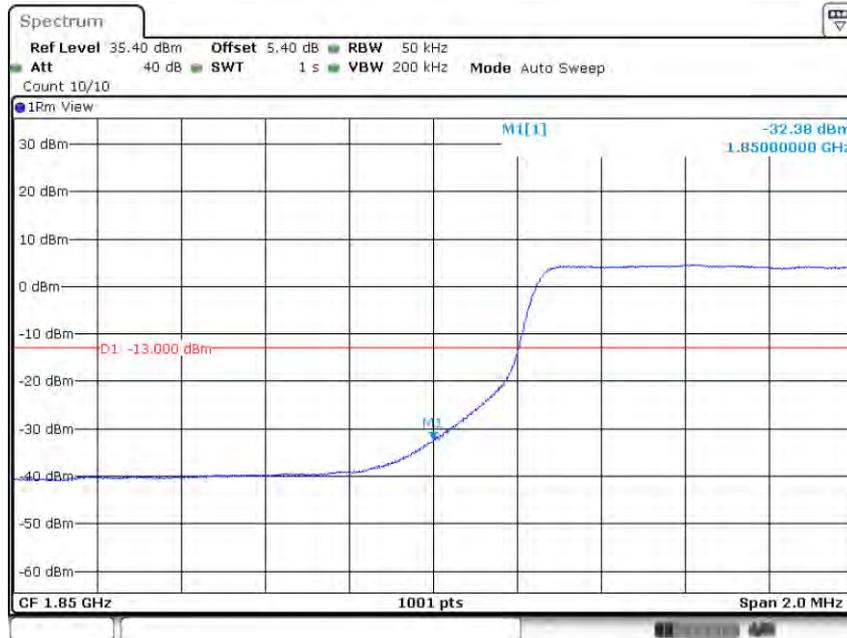
Date: 9 JUL 2020 13:24:51



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

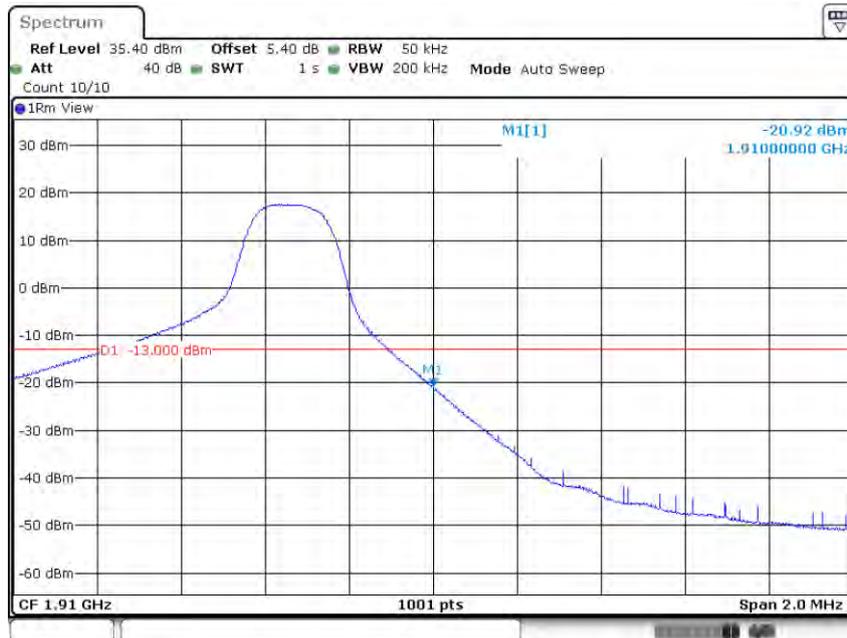


Band2-5MHz-QPSK-18625-25RB#0



Date: 9 JUL 2020 13:27:43

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



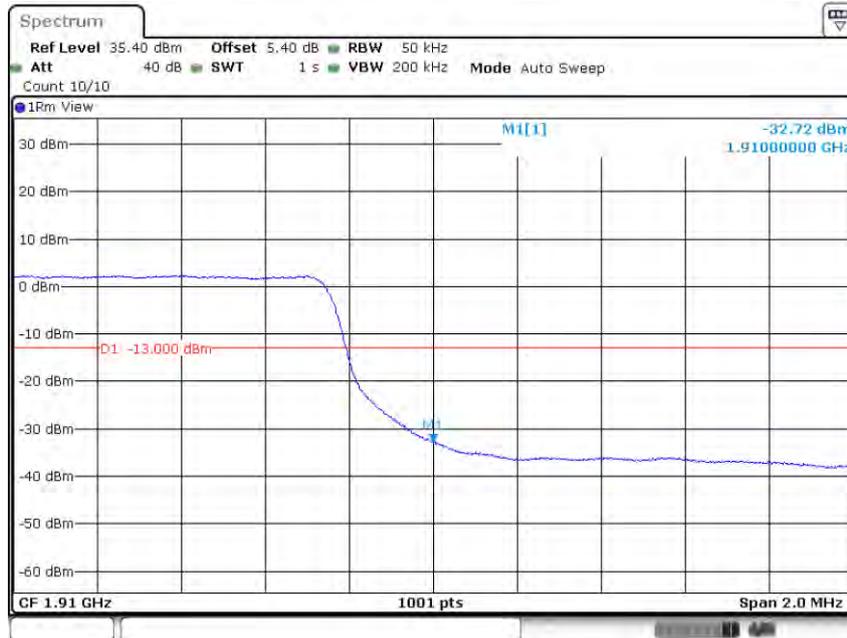
Date: 9 JUL 2020 13:26:17



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

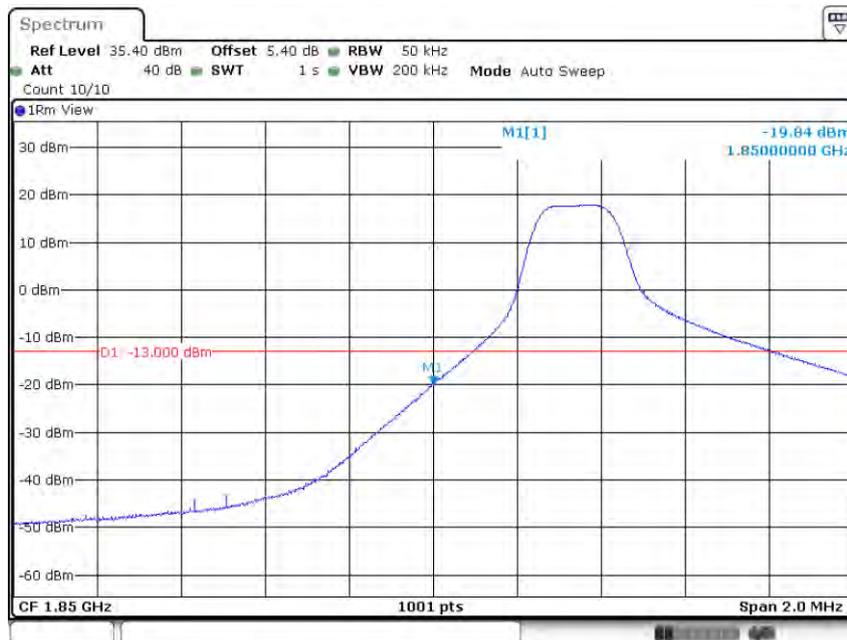


Band2-5MHz-QPSK-19175-25RB#0



Date: 9 JUL 2020 13:28:24

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



Date: 14 JUL 2020 06:41:59



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

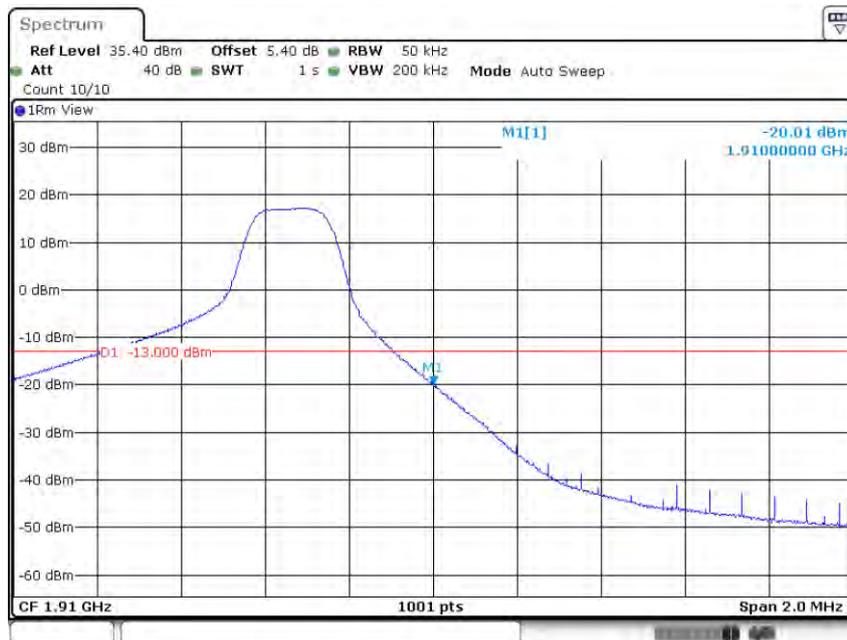


Band2-5MHz-64QAM-18625-25RB#0



Date: 14.JUL.2020 06:43:30

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



Date: 14.JUL.2020 06:42:45



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

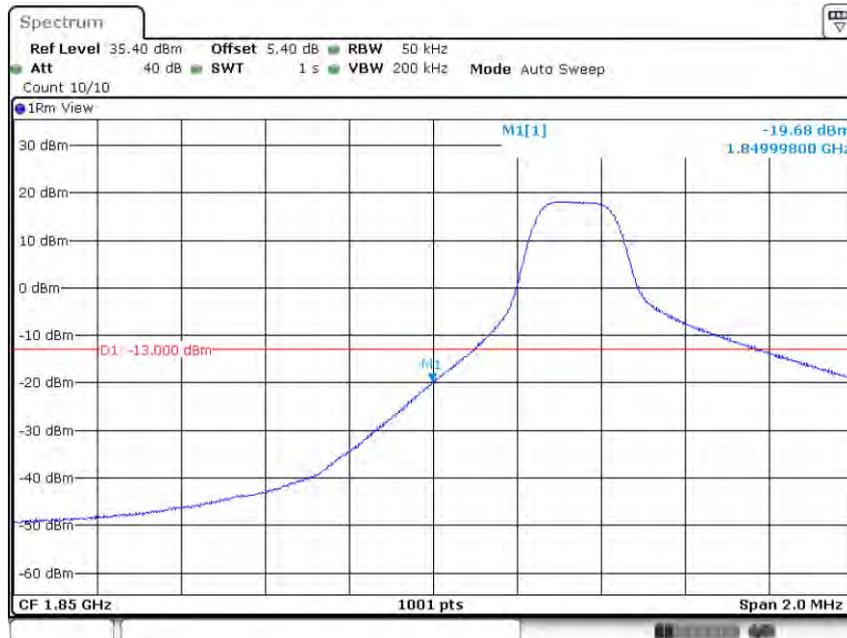


Band2-5MHz-64QAM-19175-25RB#0



Date: 14.JUL.2020 06:43:51

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



Date: 9.JUL.2020 13:25:11



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

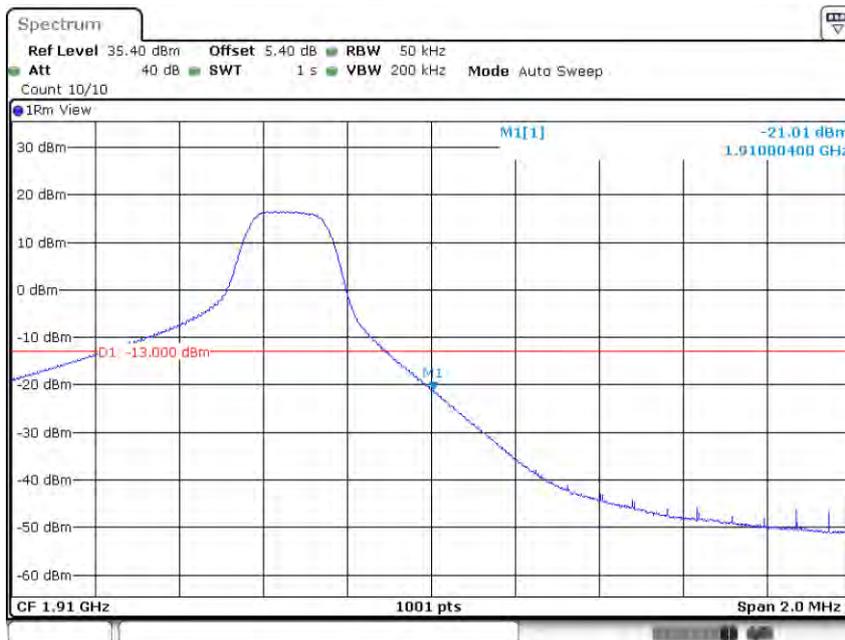


Band2-5MHz-16QAM-18625-25RB#0



Date: 9 JUL 2020 13:28:04

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



Date: 9 JUL 2020 13:26:38



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

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

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



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



Date: 9 JUL 2020 13:28:45

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



Date: 9 JUL 2020 13:29:10



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



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



Date: 9 JUL 2020 13:32:03

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



Date: 9 JUL 2020 13:30:37



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



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



Date: 9 JUL 2020 13:32:44

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



Date: 14 JUL 2020 06:44:16



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

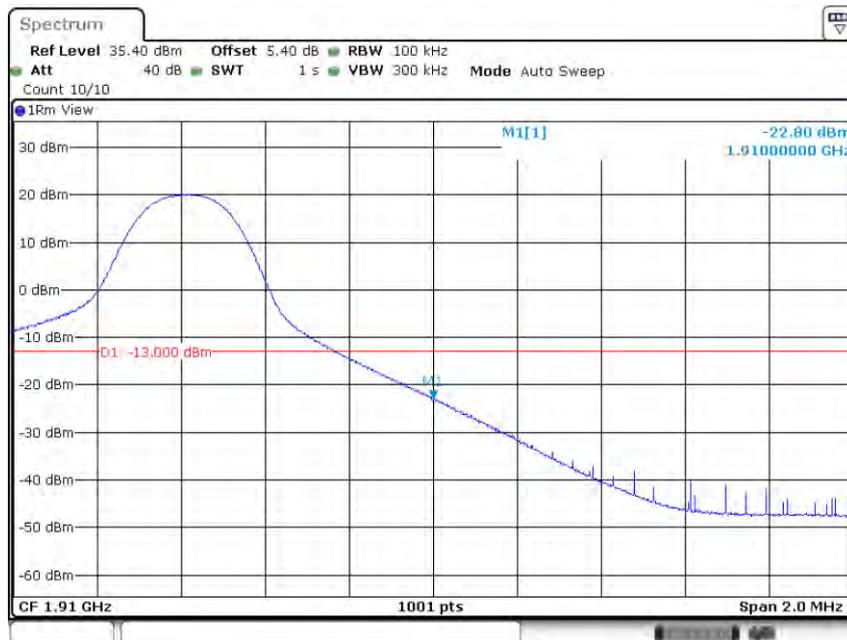


Band2-10MHz-64QAM-18650-50RB#0



Date: 14.JUL.2020 06:45:47

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



Date: 14.JUL.2020 06:45:02



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



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



Date: 14.JUL.2020 06:46:08

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



Date: 9.JUL.2020 13:29:31



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



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



Date: 9 JUL 2020 13:32:23

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



Date: 9 JUL 2020 13:30:57



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



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



Date: 9 JUL 2020 13:33:04

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



Date: 9 JUL 2020 13:33:29



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



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



Date: 9 JUL 2020 13:36:22

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



Date: 9 JUL 2020 13:34:56



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



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



Date: 9 JUL 2020 13:37:03

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



Date: 14 JUL 2020 06:46:33



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



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



Date: 14.JUL.2020 06:48:04

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



Date: 14.JUL.2020 06:47:19



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



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



Date: 14.JUL.2020 06:48:25

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



Date: 9.JUL.2020 13:33:50



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

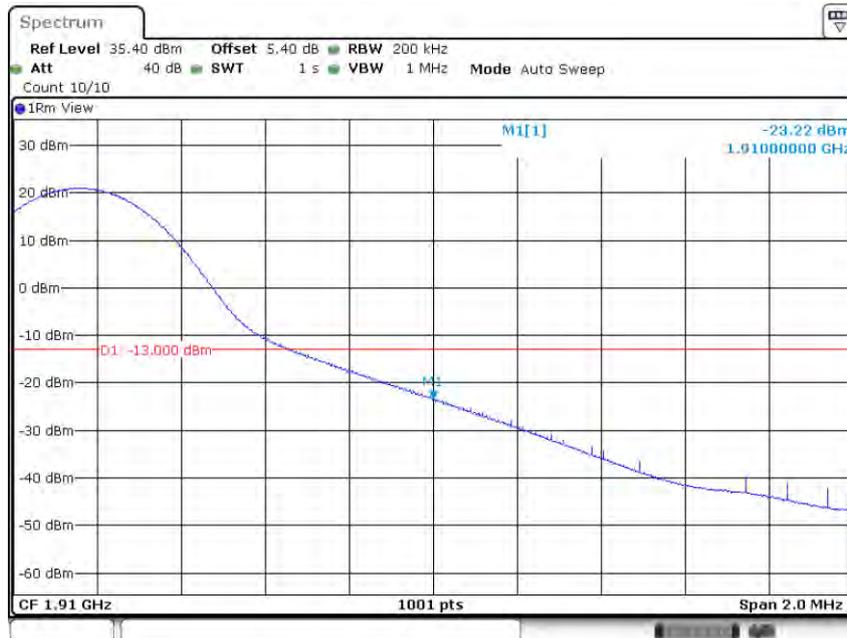


Band2-15MHz-16QAM-18675-75RB#0



Date: 9 JUL 2020 13:36:42

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



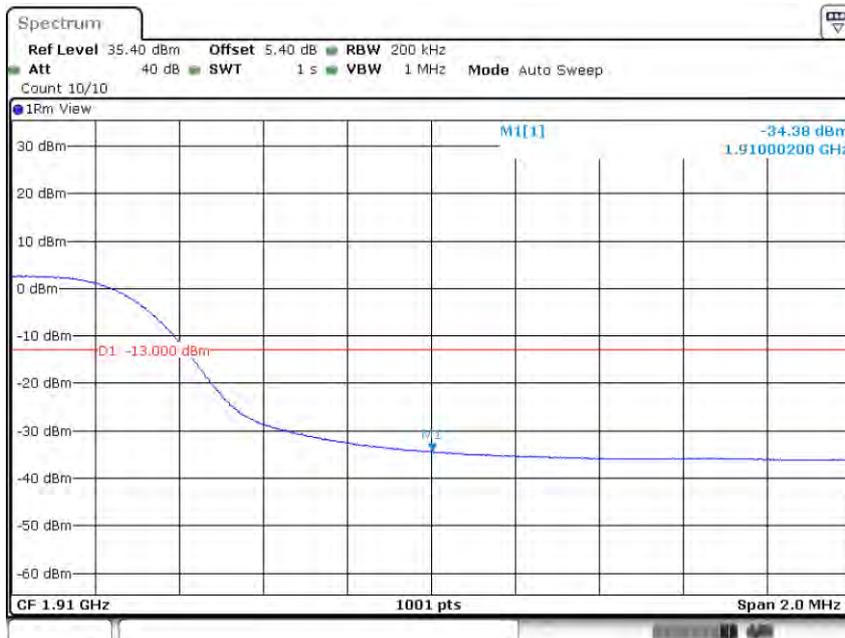
Date: 9 JUL 2020 13:35:16



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

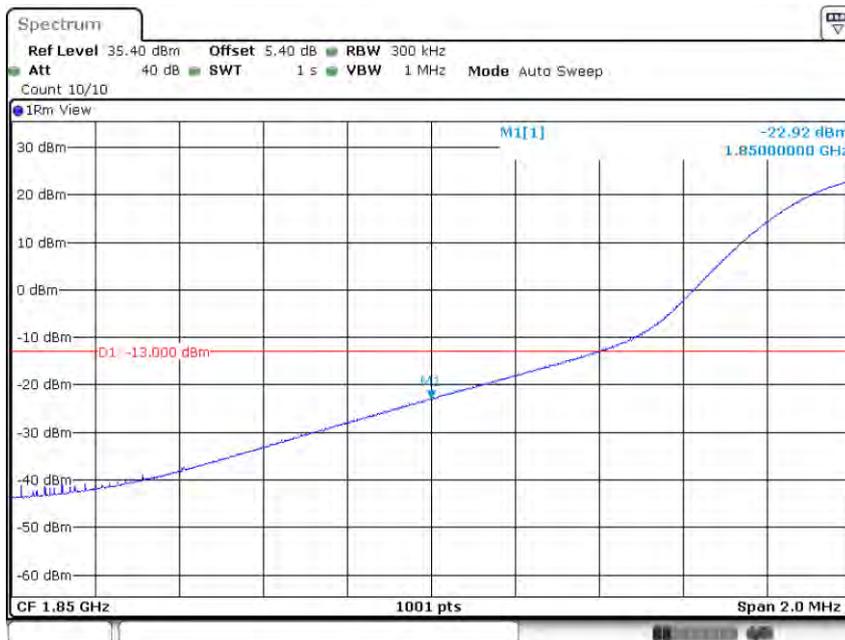


Band2-15MHz-16QAM-19125-75RB#0



Date: 9 JUL 2020 13:37:23

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



Date: 9 JUL 2020 13:37:49



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



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



Date: 9 JUL 2020 13:40:41

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



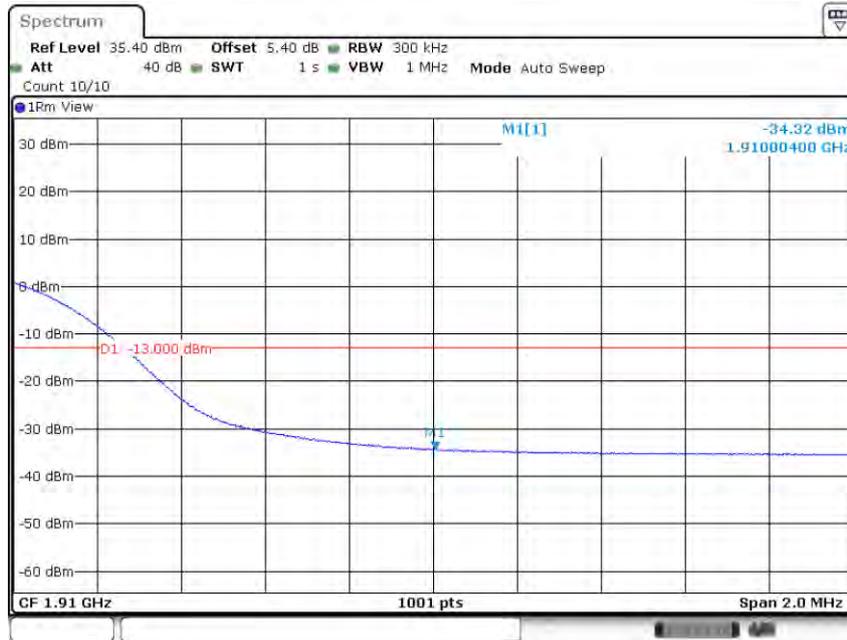
Date: 9 JUL 2020 13:39:15



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



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



Date: 9 JUL 2020 13:41:22

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



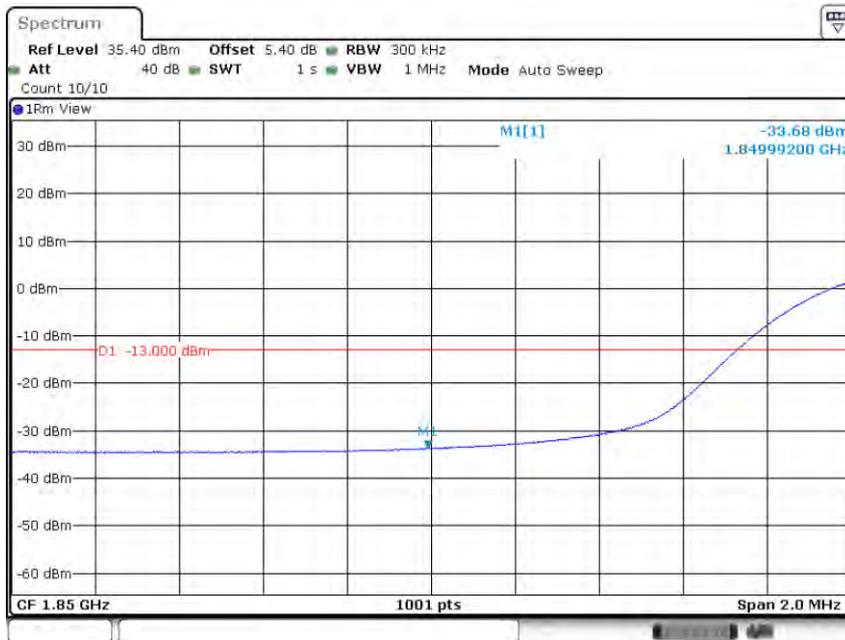
Date: 14 JUL 2020 06:48:51



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



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



Date: 14.JUL.2020 06:50:21

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



Date: 14.JUL.2020 06:49:36



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



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



Date: 14.JUL.2020 06:50:42

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



Date: 9.JUL.2020 13:38:09



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



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



Date: 9 JUL 2020 13:41:01

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

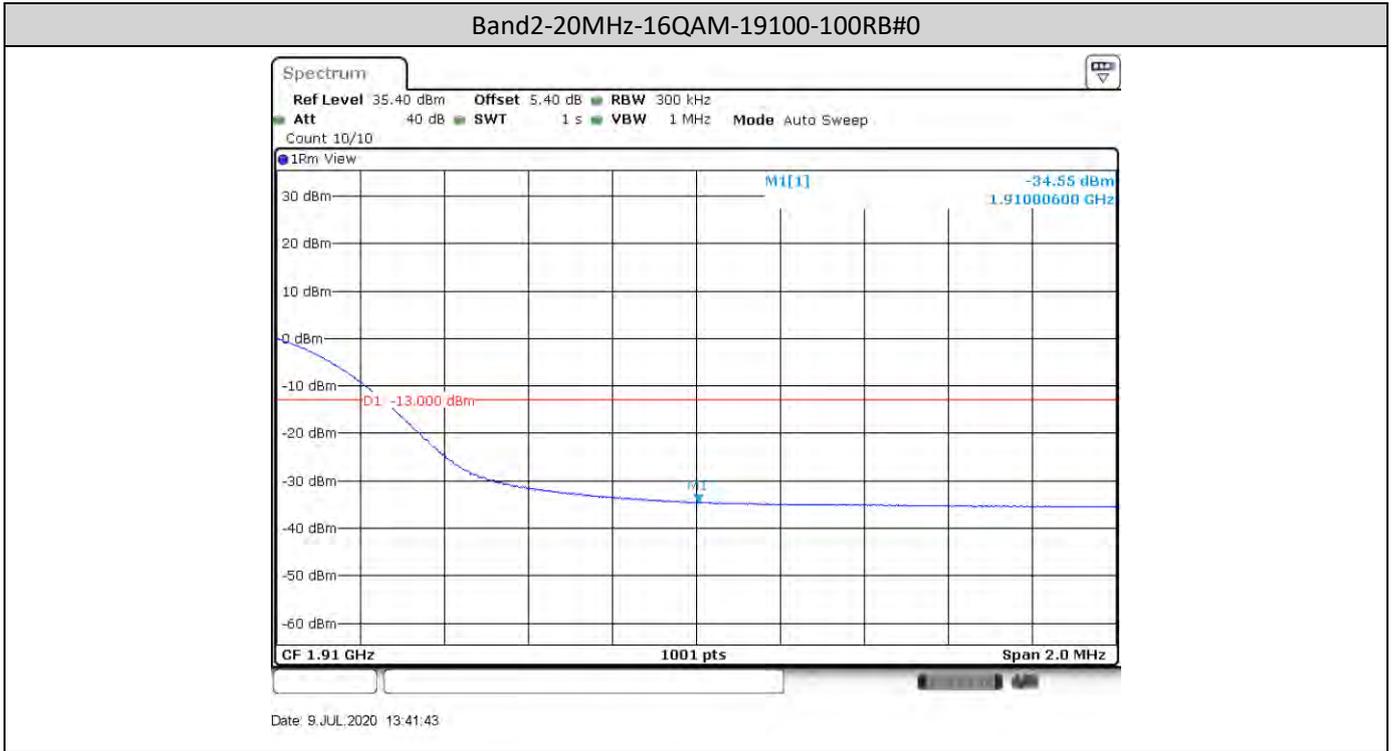


Date: 9 JUL 2020 13:39:35



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

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



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

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



6. Spurious Emission at Antenna Terminal

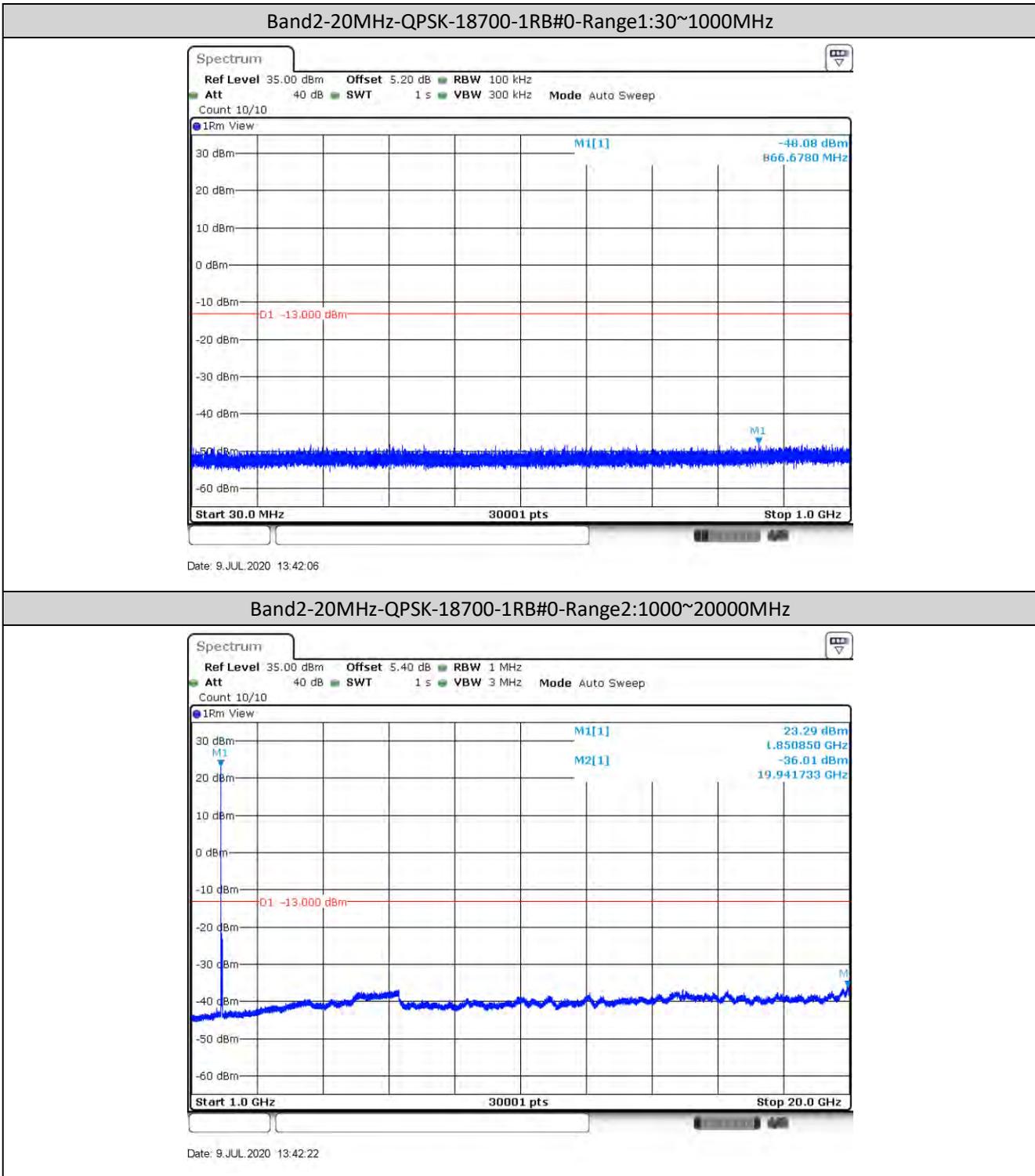
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " 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.



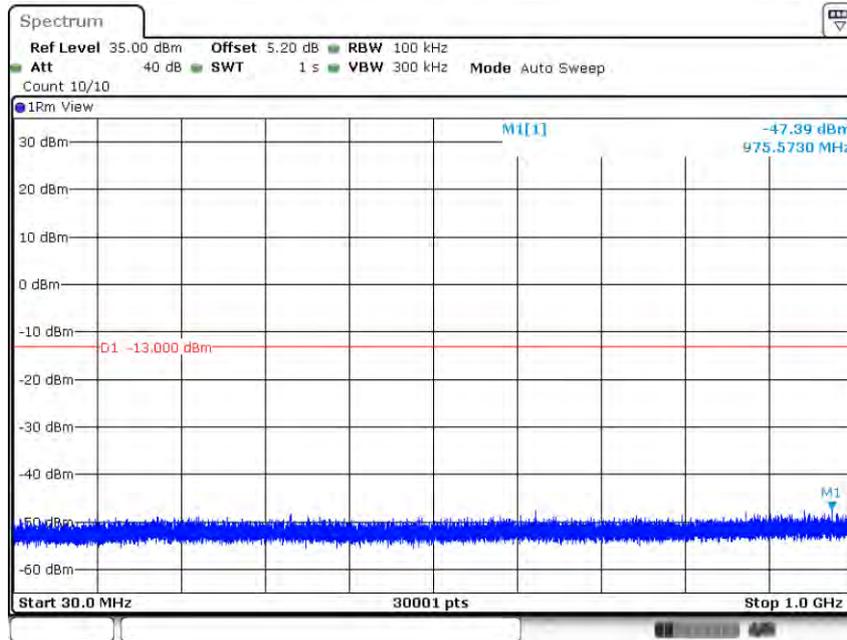
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

6.1. Test Plots



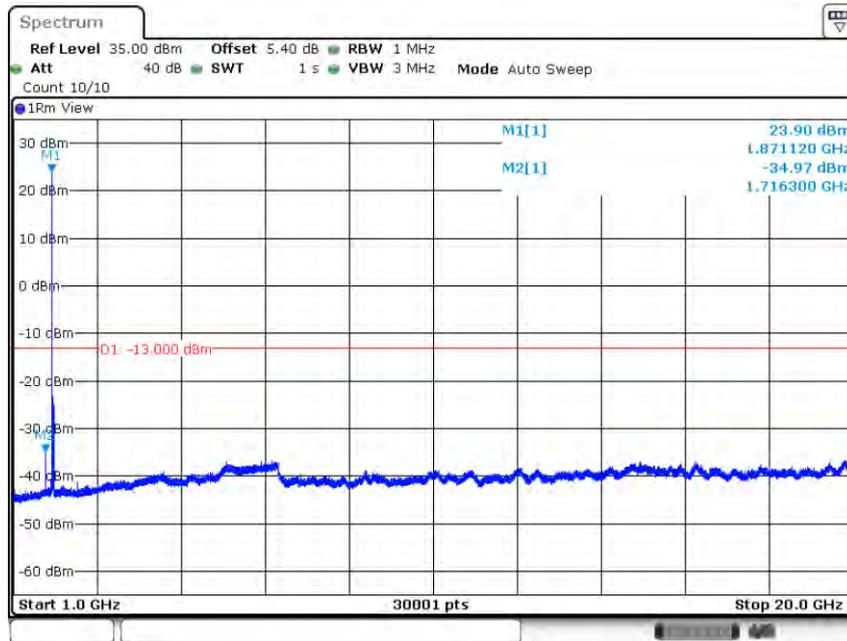
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 9 JUL 2020 13:43:16

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

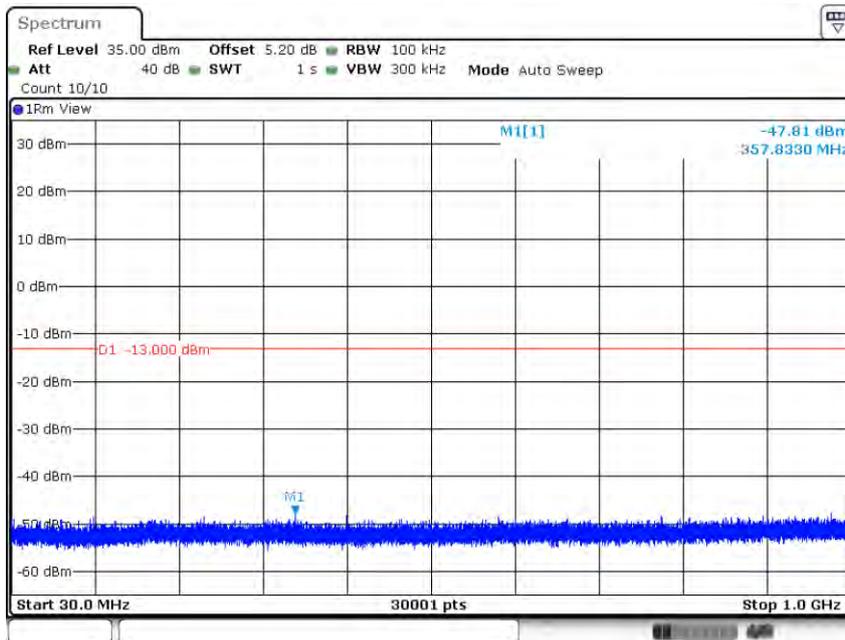


Date: 9 JUL 2020 13:43:32



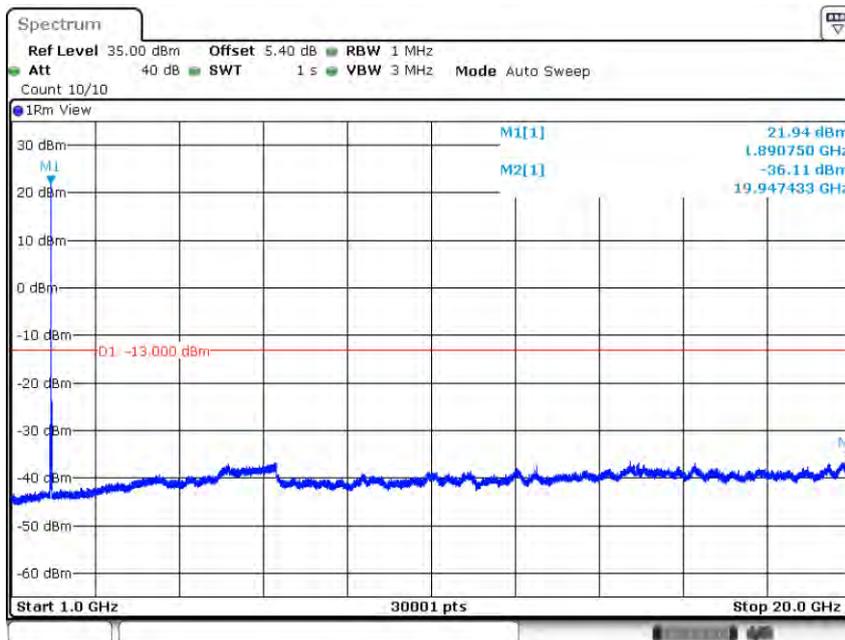
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 9 JUL 2020 13:44:26

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



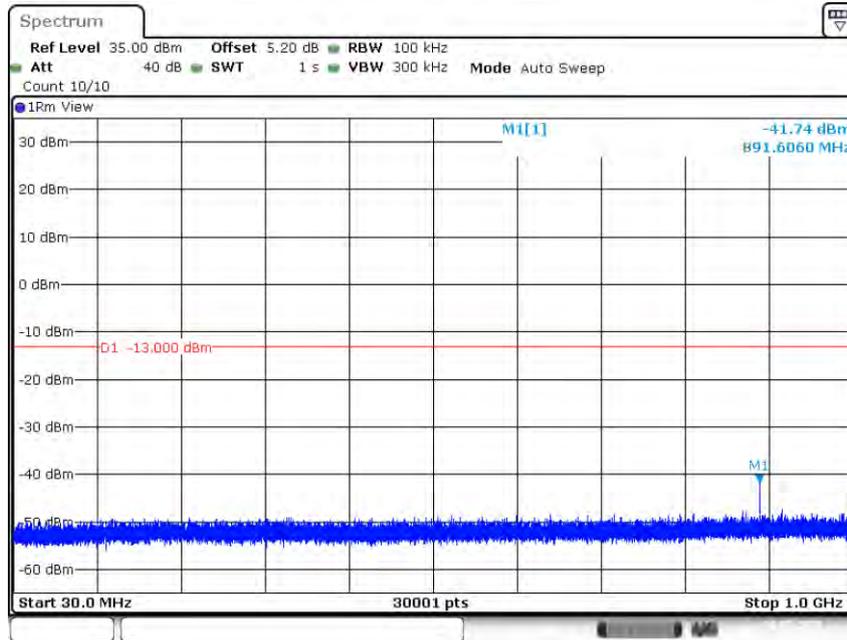
Date: 9 JUL 2020 13:44:42



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.

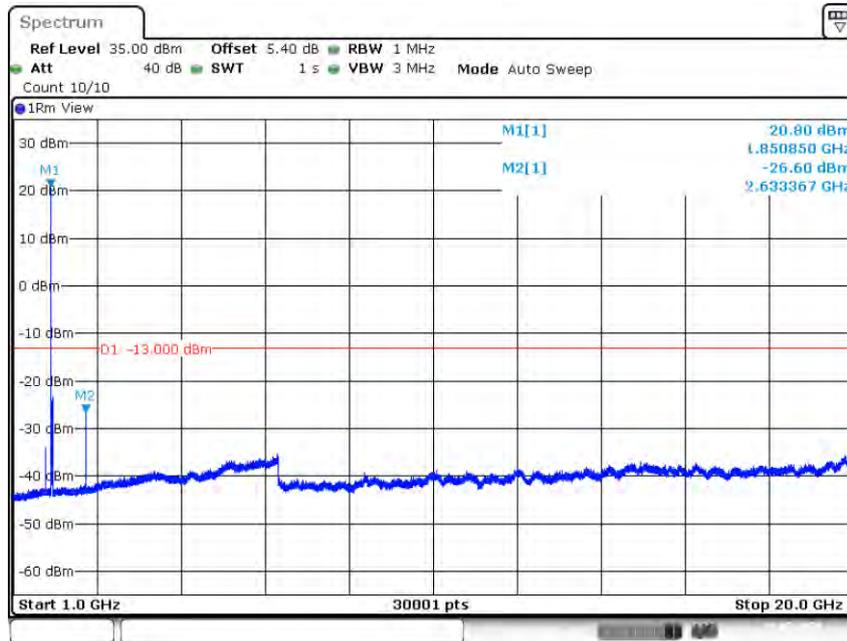
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Date: 31 JUL 2020 11:15:25

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



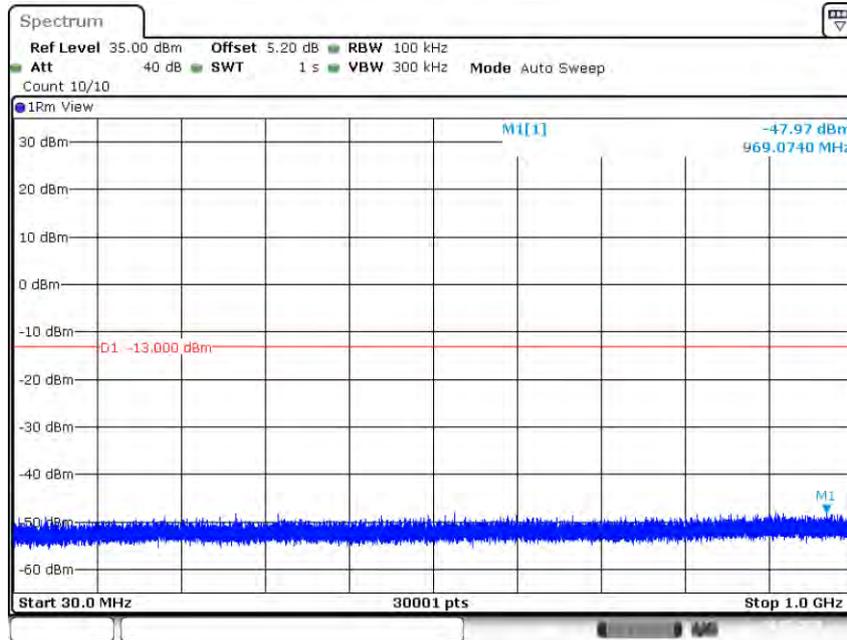
Date: 31 JUL 2020 11:15:41



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

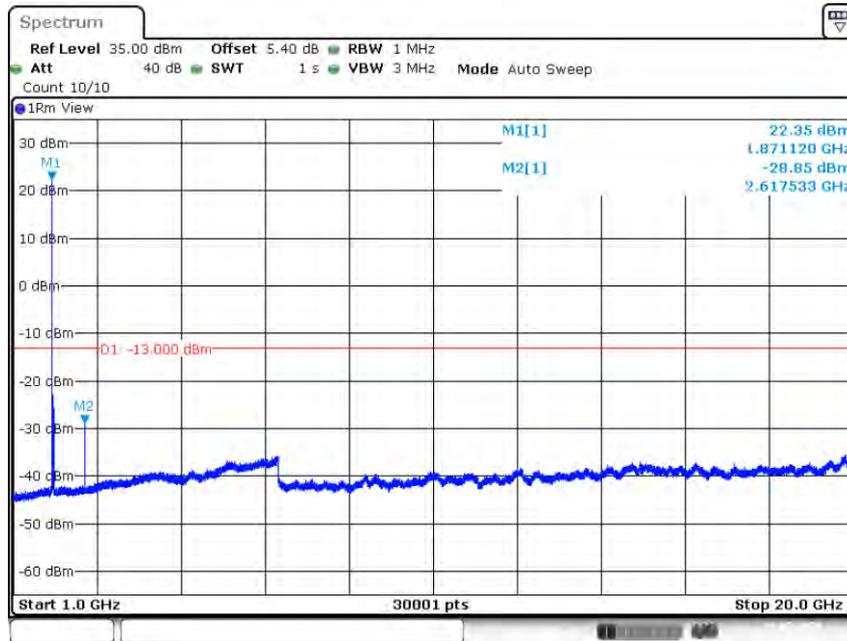
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Date: 31 JUL 2020 11:16:00

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

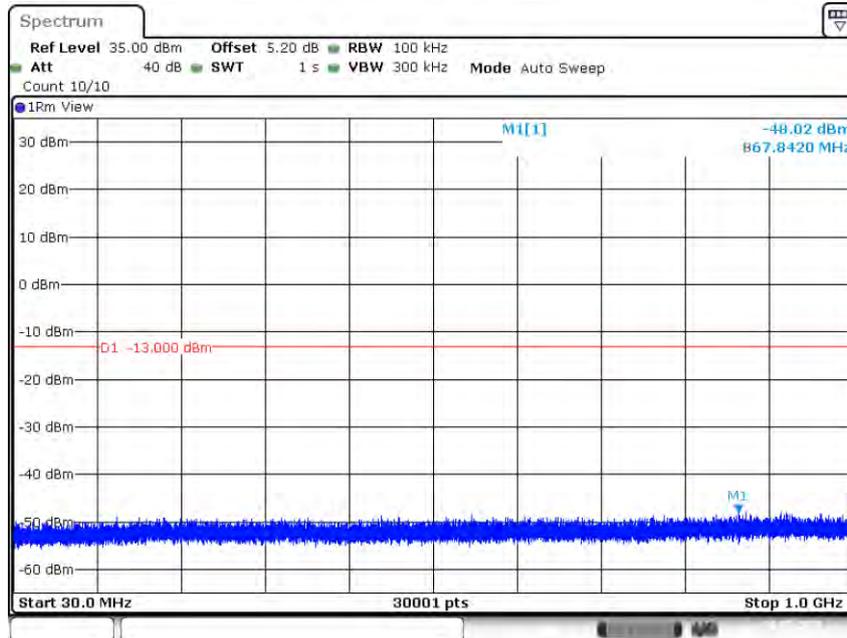


Date: 31 JUL 2020 11:16:16



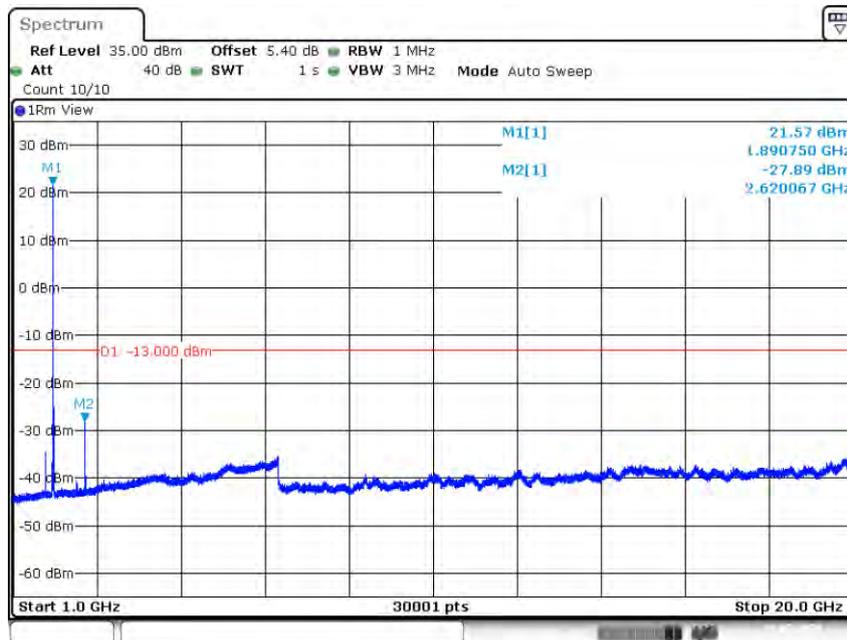
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 31.JUL.2020 11:16:35

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



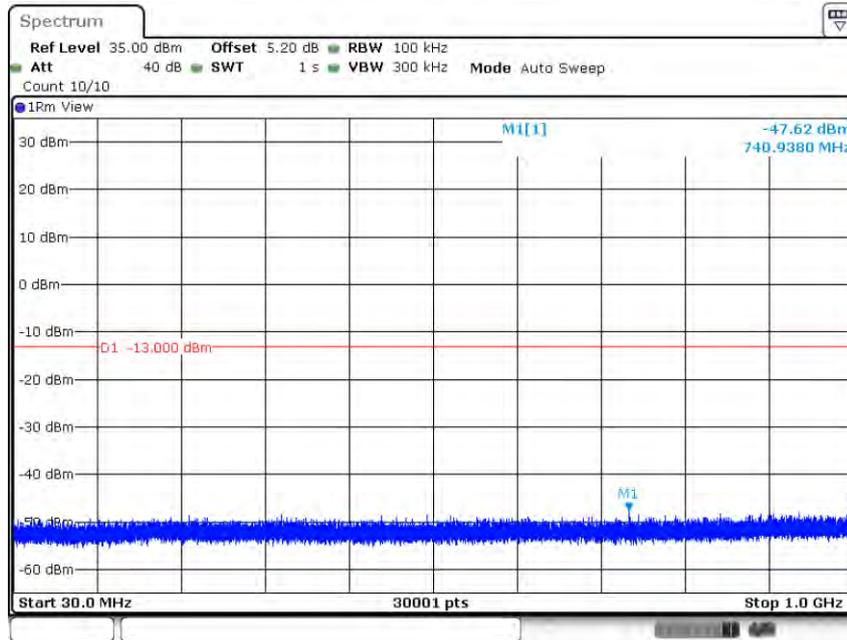
Date: 31.JUL.2020 11:16:51



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

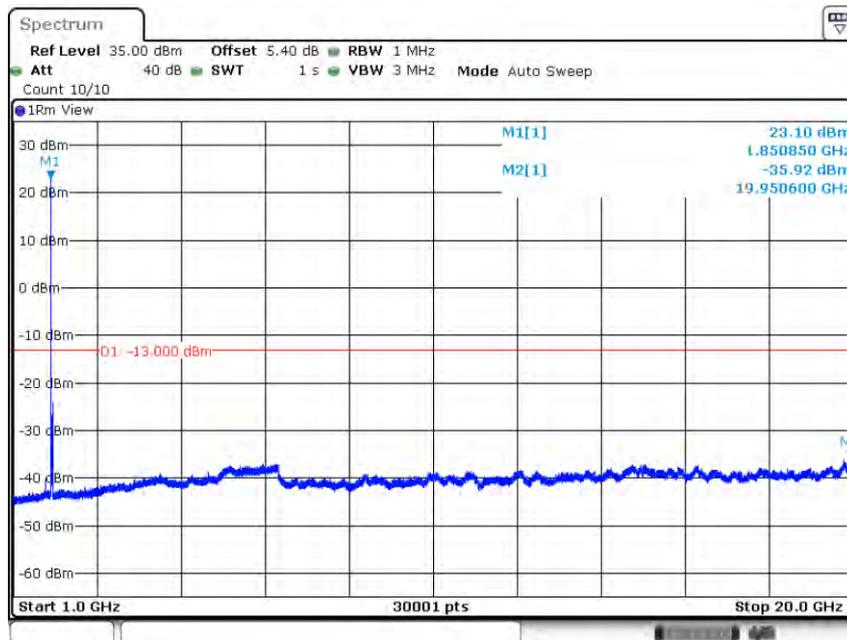
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Date: 9 JUL 2020 13:42:41

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



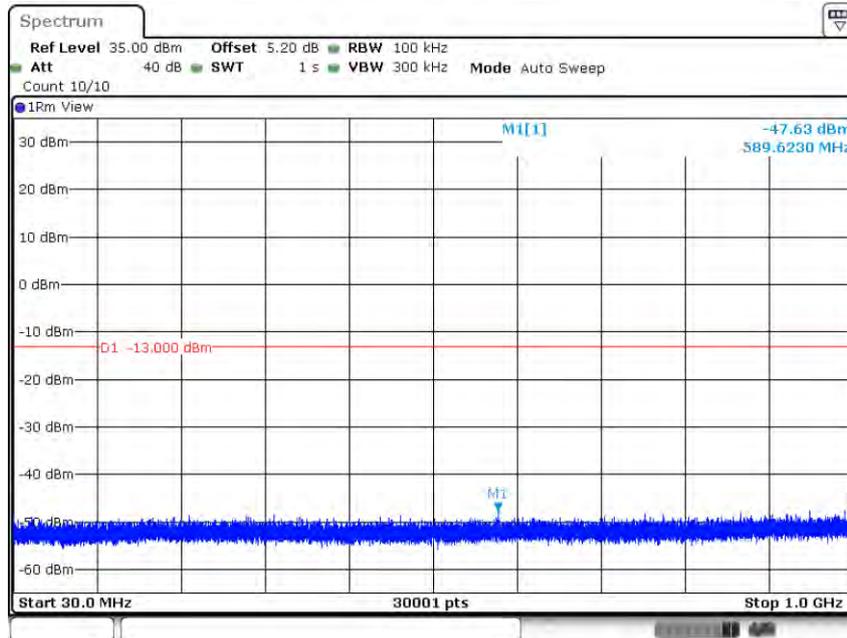
Date: 9 JUL 2020 13:42:57



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.

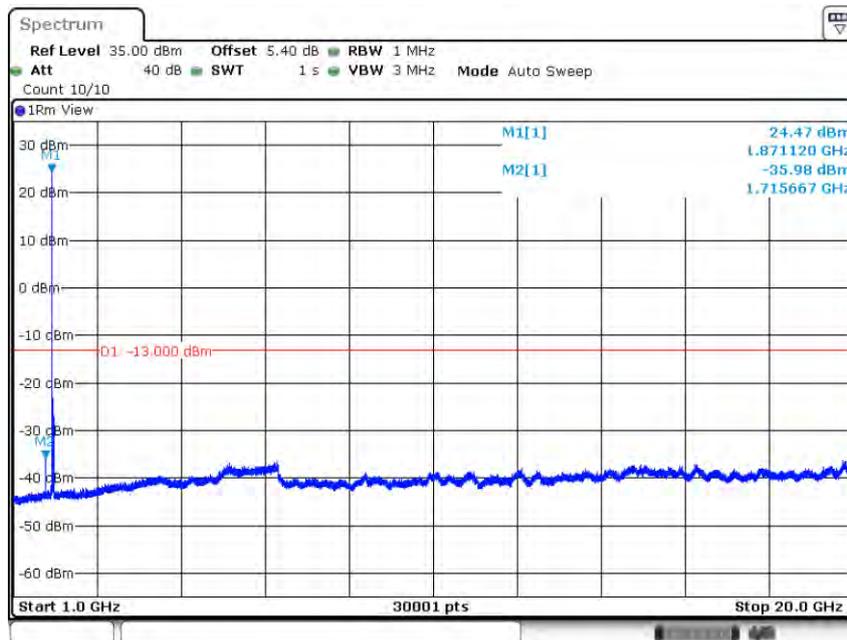
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Date: 9 JUL 2020 13:43:51

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



Date: 9 JUL 2020 13:44:07



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

7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
53.2812	-72.66	-13.00	59.66	222	352	Vertical
112.5511	-64.98	-13.00	51.98	247	320	Vertical
405.1178	-68.14	-13.00	55.14	259	131	Vertical
5553.0851	-59.79	-13.00	46.79	263	35	Vertical
10730.7577	-51.23	-13.00	38.23	284	131	Vertical
17996.4999	-40.12	-13.00	27.12	271	352	Vertical
43.6777	-65.14	-13.00	52.14	187	258	Horizontal
240.2580	-67.98	-13.00	54.98	165	353	Horizontal
608.0519	-64.84	-13.00	51.84	198	194	Horizontal
5553.0851	-51.80	-13.00	38.80	174	35	Horizontal
10577.7526	-52.06	-13.00	39.06	162	67	Horizontal
16398.9466	-43.61	-13.00	30.61	198	353	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
49.3040	-72.98	-13.00	59.98	241	353	Vertical
111.5326	-64.58	-13.00	51.58	184	99	Vertical
428.9324	-66.35	-13.00	53.35	255	35	Vertical
3742.0247	-60.67	-13.00	47.67	271	99	Vertical
7355.1452	-55.81	-13.00	42.81	259	35	Vertical
17996.4999	-39.68	-13.00	26.68	263	35	Vertical
45.2298	-64.42	-13.00	51.42	158	99	Horizontal
237.9784	-68.32	-13.00	55.32	174	290	Horizontal
617.7039	-63.92	-13.00	50.92	165	35	Horizontal
3742.0247	-58.19	-13.00	45.19	198	67	Horizontal
5613.5871	-57.15	-13.00	44.15	174	35	Horizontal
16393.9465	-43.42	-13.00	30.42	159	35	Horizontal



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

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

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

7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
52.2141	-72.72	-13.00	59.72	147	228	Vertical
106.0518	-65.31	-13.00	52.31	159	355	Vertical
593.1617	-64.91	-13.00	51.91	167	101	Vertical
3782.0261	-57.43	-13.00	44.43	184	101	Vertical
5673.5891	-60.23	-13.00	47.23	195	196	Vertical
17995.9999	-39.73	-13.00	26.73	175	68	Vertical
42.2711	-64.24	-13.00	51.24	241	257	Horizontal
230.3635	-69.02	-13.00	56.02	278	98	Horizontal
574.7792	-64.58	-13.00	51.58	256	289	Horizontal
3782.0261	-57.11	-13.00	44.11	284	130	Horizontal
5673.0891	-55.00	-13.00	42.00	259	66	Horizontal
16398.9466	-43.37	-13.00	30.37	226	289	Horizontal

Remark:

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



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



8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	-6.50	-0.003495	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	-4.60	-0.002473	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	-3.60	-0.001935	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-5.40	-0.002872	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-0.90	-0.000479	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-3.20	-0.001702	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-3.00	-0.001579	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-6.30	-0.003316	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-5.30	-0.002789	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VL	NT	-6.20	-0.003333	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VN	NT	-3.70	-0.001989	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VH	NT	-6.40	-0.003441	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VL	NT	-5.80	-0.003085	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VN	NT	-4.70	-0.002500	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VH	NT	-3.00	-0.001596	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VL	NT	-7.40	-0.003895	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VN	NT	-5.00	-0.002632	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VH	NT	-4.40	-0.002316	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	-5.30	-0.002849	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	0.90	0.000484	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	-6.60	-0.003548	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-4.10	-0.002181	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	-8.50	-0.004521	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	-3.20	-0.001702	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-7.90	-0.004158	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-2.40	-0.001263	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-6.70	-0.003526	±2.5	PASS



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

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

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



8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	-3.20	-0.001720	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	-0.10	-0.000054	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	-4.80	-0.002581	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	-2.70	-0.001452	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	1.00	0.000538	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	-8.80	-0.004731	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	-2.50	-0.001344	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	-9.10	-0.004892	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	-8.00	-0.004301	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-2.90	-0.001543	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-3.10	-0.001649	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	-5.98	-0.003181	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-3.50	-0.001862	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-1.50	-0.000798	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-2.70	-0.001436	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-8.80	-0.004681	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-8.80	-0.004681	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-1.50	-0.000798	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-6.80	-0.003579	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-4.70	-0.002474	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	-5.60	-0.002947	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-12.40	-0.006526	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-7.60	-0.004000	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-10.80	-0.005684	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-2.70	-0.001421	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-11.10	-0.005842	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-6.70	-0.003526	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-30	-4.30	-0.002312	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-20	-9.40	-0.005054	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-10	-7.35	-0.003952	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	0	-3.40	-0.001828	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	10	-5.90	-0.003172	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	20	-6.10	-0.003280	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	30	-4.10	-0.002204	±2.5	PASS



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



Band2	20MHz	64QAM	18700	100RB#0	NV	40	-7.80	-0.004194	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	50	-4.50	-0.002419	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-30	-5.60	-0.002979	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-20	-5.90	-0.003138	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-10	-4.32	-0.002298	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	0	-1.70	-0.000904	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	10	-8.60	-0.004574	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	20	-5.10	-0.002713	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	30	-5.70	-0.003032	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	40	-3.60	-0.001915	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	50	-3.90	-0.002074	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-30	-5.90	-0.003105	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-20	-5.60	-0.002947	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-10	-3.99	-0.002100	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	0	-10.60	-0.005579	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	10	-4.90	-0.002579	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	20	-7.40	-0.003895	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	30	-9.80	-0.005158	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	40	-6.90	-0.003632	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	50	-9.70	-0.005105	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	2.50	0.001344	±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	2.75	0.001478	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	4.40	0.002366	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	-0.90	-0.000484	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	-3.50	-0.001882	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	-6.30	-0.003387	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	-2.90	-0.001559	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	3.00	0.001613	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	-5.00	-0.002660	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-9.10	-0.004840	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	-8.32	-0.004426	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	-10.70	-0.005691	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-4.50	-0.002394	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-5.80	-0.003085	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	-13.10	-0.006968	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	-9.00	-0.004787	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	-10.80	-0.005745	±2.5	PASS



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

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

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



Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-4.50	-0.002368	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	3.50	0.001842	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-10	4.09	0.002153	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-2.80	-0.001474	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-4.00	-0.002105	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-5.20	-0.002737	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-6.90	-0.003632	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	-8.40	-0.004421	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-3.10	-0.001632	±2.5	PASS



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