



Appendix B

E-UTRA Band 2



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

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

CONTENT

1 EFFECTIVE (ISOTROPIC) RADIATED POWER.....3

1.1. TEST RESULT.....3

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

2.1. TEST RESULT.....15

2.2. TEST PLOTS.....15

3. MODULATION CHARACTERISTICS.....20

3.1. TEST MODE = LTE /TM1 20MHZ.....20

3.1.1. TEST CHANNEL = MCH.....20

3.2. TEST MODE = LTE /TM2 20MHZ.....21

3.2.1. TEST CHANNEL = MCH.....21

3.3. TEST MODE = LTE /TM3 20MHZ.....22

3.3.1. TEST CHANNEL = MCH.....22

4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH.....23

4.1. TEST RESULT.....23

4.2. TEST PLOTS.....25

5. BAND EDGE COMPLIANCE.....52

5.1. TEST RESULT.....52

5.2. TEST PLOTS.....54

6. SPURIOUS EMISSION AT ANTENNA TERMINAL.....91

6.1. TEST PLOTS.....91

7. FIELD STRENGTH OF SPURIOUS RADIATION.....101

7.1. TEST MODE =LTE/TM1 20MHZ.....101

7.1.1. TEST CHANNEL = LCH.....101

7.1.2. TEST CHANNEL = MCH.....101

7.1.3. TEST CHANNEL = HCH.....102

8. FREQUENCY STABILITY.....103

8.1. FREQUENCY VS VOLTAGE.....103

8.2. FREQUENCY VS TEMPERATURE.....104



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

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



1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	23.64	21.64	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.85	21.85	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.69	21.69	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.67	21.67	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#2	23.78	21.78	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.68	21.68	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.72	20.72	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.19	21.19	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.15	21.15	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.21	21.21	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.19	21.19	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#2	23.25	21.25	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.10	21.10	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.17	20.17	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.10	21.10	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.49	21.49	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.44	21.44	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.44	21.44	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#2	23.55	21.55	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	23.33	21.33	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.39	20.39	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	21.64	19.64	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	21.63	19.63	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	21.57	19.57	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#0	21.57	19.57	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#2	21.57	19.57	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#3	21.58	19.58	33.00	PASS



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

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

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



Band2	1.4MHz	64QAM	18607	6RB#0	20.65	18.65	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	21.59	19.59	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	21.58	19.58	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	21.64	19.64	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#0	21.60	19.60	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#2	21.62	19.62	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#3	21.66	19.66	33.00	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	20.66	18.66	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	21.66	19.66	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	21.55	19.55	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	21.57	19.57	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#0	21.55	19.55	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#2	21.66	19.66	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#3	21.63	19.63	33.00	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	20.64	18.64	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.90	20.90	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.94	20.94	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.83	20.83	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.79	20.79	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#2	22.82	20.82	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.77	20.77	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.83	19.83	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.42	20.42	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.82	20.82	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.60	20.60	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.23	20.23	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#2	22.14	20.14	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.23	20.23	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.26	19.26	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.79	20.79	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.57	20.57	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.73	20.73	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	22.45	20.45	33.00	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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
中国·深圳·科技园中区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#2	22.62	20.62	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.56	20.56	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.42	19.42	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.85	21.85	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#7	23.92	21.92	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.57	21.57	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.70	20.70	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.69	20.69	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.68	20.68	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.73	20.73	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.09	21.09	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#7	23.19	21.19	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.11	21.11	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.23	20.23	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.14	20.14	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.09	20.09	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.24	20.24	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.67	21.67	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#7	23.76	21.76	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.36	21.36	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.66	20.66	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#4	22.70	20.70	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.60	20.60	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.63	20.63	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#0	21.66	19.66	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#7	21.58	19.58	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#14	21.65	19.65	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#0	20.65	18.65	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#4	20.71	18.71	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#7	20.66	18.66	33.00	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.64	18.64	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#0	21.64	19.64	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#7	21.68	19.68	33.00	PASS



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

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

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



Band2	3MHz	64QAM	18900	1RB#14	21.54	19.54	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#0	20.65	18.65	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#4	20.62	18.62	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#7	20.63	18.63	33.00	PASS
Band2	3MHz	64QAM	18900	15RB#0	20.68	18.68	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#0	21.65	19.65	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#7	21.55	19.55	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#14	21.63	19.63	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#0	20.67	18.67	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#4	20.72	18.72	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#7	20.58	18.58	33.00	PASS
Band2	3MHz	64QAM	19185	15RB#0	20.76	18.76	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.65	20.65	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#7	23.25	21.25	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.56	20.56	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.78	19.78	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.86	19.86	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.85	19.85	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.81	19.81	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.35	20.35	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#7	22.75	20.75	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.57	20.57	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.29	19.29	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.14	19.14	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.20	19.20	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.15	19.15	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.70	20.70	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#7	23.00	21.00	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.58	20.58	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.75	19.75	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.62	19.62	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.74	19.74	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.64	19.64	33.00	PASS



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

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

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



Band2	5MHz	QPSK	18625	1RB#0	23.80	21.80	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#13	23.86	21.86	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.50	21.50	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.59	20.59	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.61	20.61	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.62	20.62	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.63	20.63	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.00	21.00	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#13	23.14	21.14	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.02	21.02	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.14	20.14	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.05	20.05	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.02	20.02	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.17	20.17	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.17	21.17	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#13	23.31	21.31	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.91	20.91	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.16	20.16	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.19	20.19	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.10	20.10	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.13	20.13	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#0	21.57	19.57	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#13	21.66	19.66	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#24	21.59	19.59	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#0	20.71	18.71	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#6	20.64	18.64	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#13	20.63	18.63	33.00	PASS
Band2	5MHz	64QAM	18625	25RB#0	20.69	18.69	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#0	21.60	19.60	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#13	21.61	19.61	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#24	21.65	19.65	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#0	20.55	18.55	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#6	20.65	18.65	33.00	PASS



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

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

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



Band2	5MHz	64QAM	18900	12RB#13	20.59	18.59	33.00	PASS
Band2	5MHz	64QAM	18900	25RB#0	20.70	18.70	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#0	21.65	19.65	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#13	21.56	19.56	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#24	21.68	19.68	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#0	20.75	18.75	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#6	20.70	18.70	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#13	20.58	18.58	33.00	PASS
Band2	5MHz	64QAM	19175	25RB#0	20.58	18.58	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.59	20.59	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#13	23.20	21.20	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.45	20.45	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.67	19.67	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.81	19.81	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.74	19.74	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.74	19.74	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.25	20.25	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#13	22.64	20.64	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.52	20.52	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.18	19.18	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.05	19.05	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.14	19.14	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.06	19.06	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.23	20.23	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#13	22.51	20.51	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.10	20.10	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.29	19.29	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.11	19.11	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.26	19.26	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.13	19.13	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.71	21.71	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#25	23.77	21.77	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.40	21.40	33.00	PASS



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

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

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



Band2	10MHz	QPSK	18650	25RB#0	22.49	20.49	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#13	22.53	20.53	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.52	20.52	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.57	20.57	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.92	20.92	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#25	23.04	21.04	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.97	20.97	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.04	20.04	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#13	22.00	20.00	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#25	21.91	19.91	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.07	20.07	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.11	21.11	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#25	23.25	21.25	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.82	20.82	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.07	20.07	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#13	22.12	20.12	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.05	20.05	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.03	20.03	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#0	21.67	19.67	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#25	21.59	19.59	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#49	21.60	19.60	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#0	20.62	18.62	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#13	20.75	18.75	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#25	20.69	18.69	33.00	PASS
Band2	10MHz	64QAM	18650	50RB#0	20.60	18.60	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#0	21.57	19.57	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#25	21.60	19.60	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#49	21.65	19.65	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#0	20.69	18.69	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#13	20.74	18.74	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#25	20.75	18.75	33.00	PASS
Band2	10MHz	64QAM	18900	50RB#0	20.74	18.74	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#0	21.60	19.60	33.00	PASS



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

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

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#25	21.55	19.55	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#49	21.63	19.63	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#0	20.61	18.61	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#13	20.72	18.72	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#25	20.59	18.59	33.00	PASS
Band2	10MHz	64QAM	19150	50RB#0	20.66	18.66	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.50	20.50	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#25	23.09	21.09	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.39	20.39	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.57	19.57	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#13	21.71	19.71	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.68	19.68	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.69	19.69	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.15	20.15	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#25	22.59	20.59	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.41	20.41	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.08	19.08	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#13	20.99	18.99	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.06	19.06	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	20.95	18.95	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.12	20.12	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#25	22.46	20.46	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.00	20.00	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.20	19.20	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#13	21.00	19.00	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.21	19.21	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.07	19.07	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.77	21.77	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.82	21.82	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.47	21.47	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#0	22.57	20.57	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#18	22.60	20.60	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#39	22.61	20.61	33.00	PASS



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

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

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区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	22.67	20.67	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.03	21.03	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.11	21.11	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.03	21.03	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#0	22.13	20.13	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#18	22.05	20.05	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#39	21.97	19.97	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.14	20.14	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.17	21.17	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.32	21.32	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.91	20.91	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#0	22.18	20.18	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#18	22.22	20.22	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#39	22.14	20.14	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.09	20.09	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#0	21.59	19.59	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#38	21.65	19.65	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#74	21.65	19.65	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#0	20.54	18.54	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#18	20.55	18.55	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#39	20.58	18.58	33.00	PASS
Band2	15MHz	64QAM	18675	75RB#0	20.62	18.62	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#0	21.59	19.59	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#38	21.65	19.65	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#74	21.58	19.58	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#0	20.61	18.61	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#18	20.55	18.55	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#39	20.64	18.64	33.00	PASS
Band2	15MHz	64QAM	18900	75RB#0	20.68	18.68	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#0	21.56	19.56	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#38	21.64	19.64	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#74	21.56	19.56	33.00	PASS
Band2	15MHz	64QAM	19125	36RB#0	20.69	18.69	33.00	PASS



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

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

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	20.67	18.67	33.00	PASS
Band2	15MHz	64QAM	19125	36RB#39	20.68	18.68	33.00	PASS
Band2	15MHz	64QAM	19125	75RB#0	20.57	18.57	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.59	20.59	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	23.17	21.17	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.50	20.50	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#0	21.66	19.66	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#18	21.79	19.79	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#39	21.78	19.78	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.74	19.74	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.21	20.21	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.65	20.65	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.48	20.48	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#0	21.13	19.13	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#18	21.06	19.06	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#39	21.17	19.17	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.06	19.06	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.17	20.17	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.56	20.56	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.09	20.09	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#0	21.31	19.31	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#18	21.10	19.10	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#39	21.28	19.28	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.15	19.15	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.48	21.48	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#50	23.65	21.65	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.94	21.94	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#0	23.60	21.60	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#25	23.42	21.42	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#50	23.19	21.19	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	23.41	21.41	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.73	21.73	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#50	23.52	21.52	33.00	PASS



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

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

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



Band2	20MHz	QPSK	18900	1RB#99	23.61	21.61	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.73	20.73	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.62	20.62	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.38	20.38	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.42	20.42	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.56	21.56	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#50	23.40	21.40	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.37	21.37	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#0	23.46	21.46	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#25	23.56	21.56	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#50	23.28	21.28	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	23.35	21.35	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#0	21.68	19.68	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#50	21.57	19.57	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#99	21.56	19.56	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#0	20.70	18.70	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#25	20.62	18.62	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#50	20.71	18.71	33.00	PASS
Band2	20MHz	64QAM	18700	100RB#0	20.72	18.72	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#0	21.55	19.55	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#50	21.66	19.66	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#99	21.59	19.59	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#0	20.58	18.58	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#25	20.58	18.58	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#50	20.59	18.59	33.00	PASS
Band2	20MHz	64QAM	18900	100RB#0	20.69	18.69	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#0	21.58	19.58	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#50	21.61	19.61	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#99	21.67	19.67	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#0	20.67	18.67	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#25	20.78	18.78	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#50	20.66	18.66	33.00	PASS
Band2	20MHz	64QAM	19100	100RB#0	20.55	18.55	33.00	PASS



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

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

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



Band2	20MHz	16QAM	18700	1RB#0	22.91	20.91	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#50	23.39	21.39	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	23.02	21.02	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.42	19.42	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.49	19.49	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.33	19.33	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.36	19.36	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.52	20.52	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#50	23.53	21.53	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	23.12	21.12	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.62	19.62	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.62	19.62	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.53	19.53	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.52	19.52	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	23.79	21.79	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#50	23.49	21.49	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	23.49	21.49	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.51	19.51	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.55	19.55	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.27	19.27	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.28	19.28	33.00	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

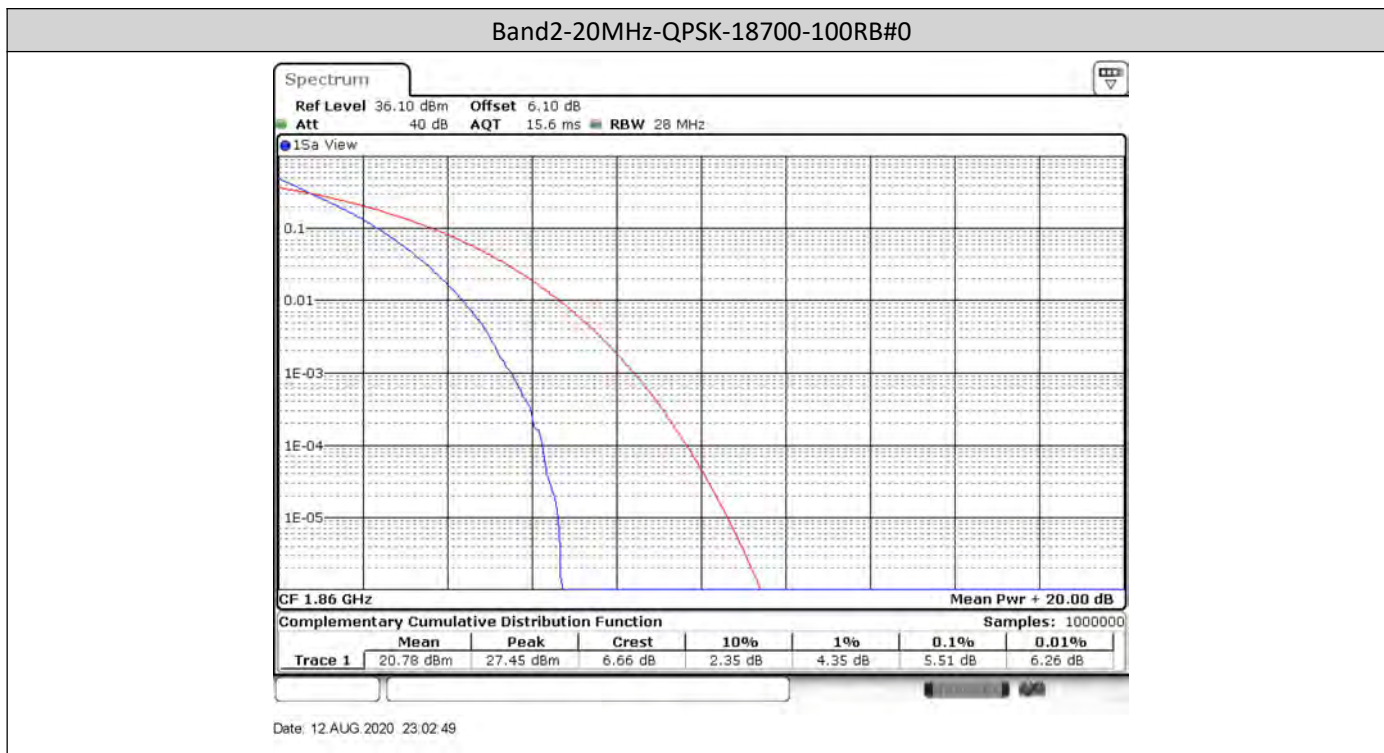


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	5.51	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.45	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.51	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.41	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.46	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.58	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.23	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.20	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.32	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

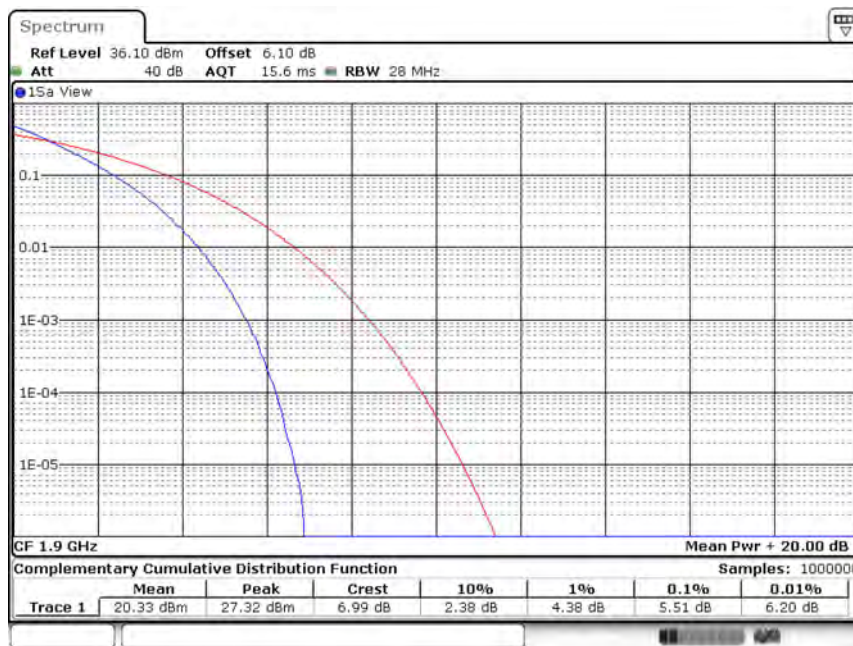
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 12 AUG 2020 23:03:06

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



Date: 12 AUG 2020 23:03:22



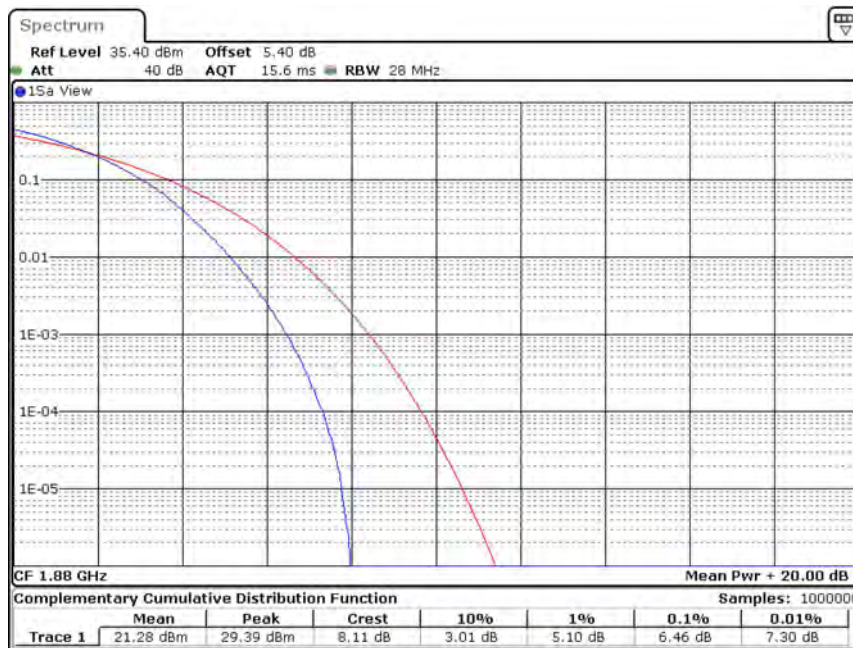
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 28.AUG.2020 16:18:14

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



Date: 28.AUG.2020 16:18:26



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.

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



Date: 28.AUG.2020 16:18:38

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



Date: 12.AUG.2020 23:02:58

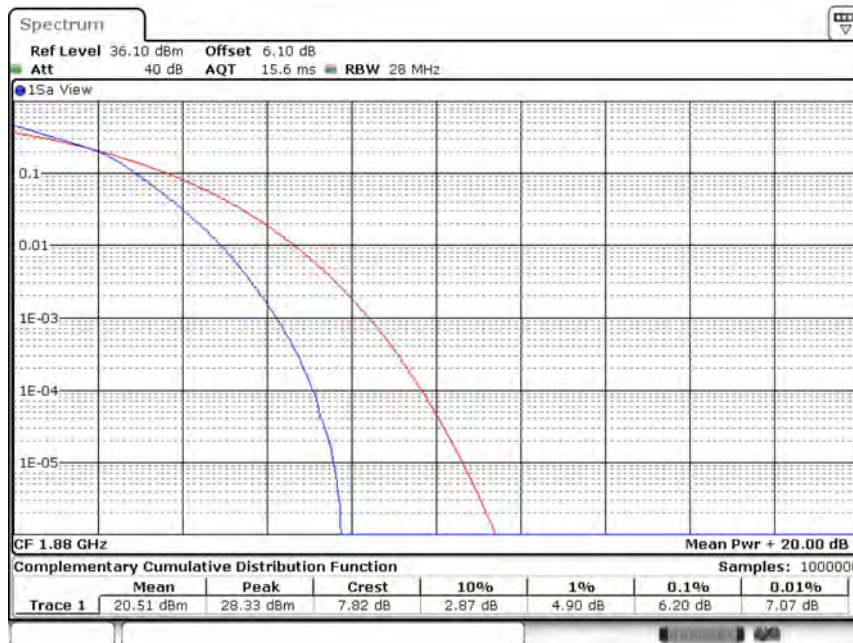


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

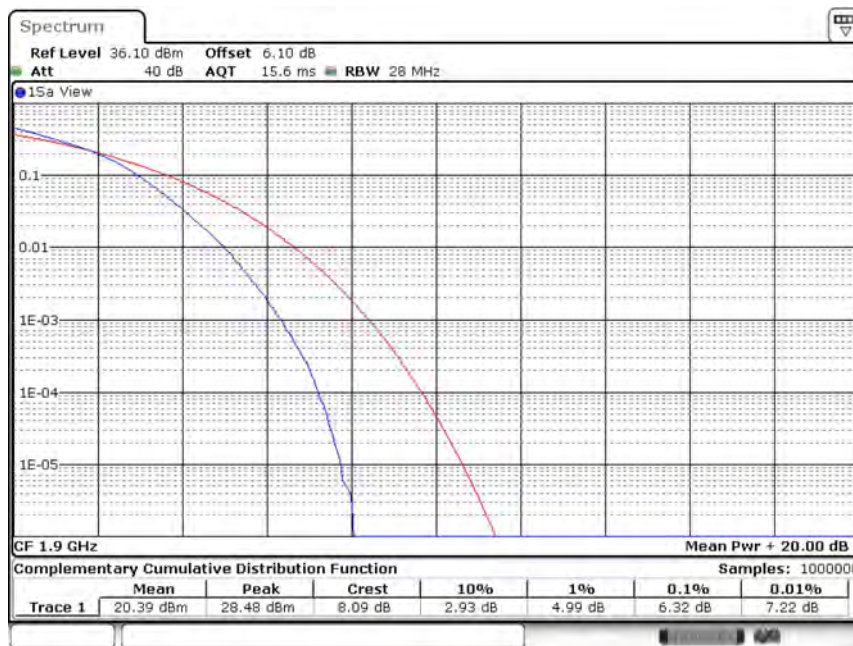
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 12 AUG 2020 23:03:14

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



Date: 12 AUG 2020 23:03:31



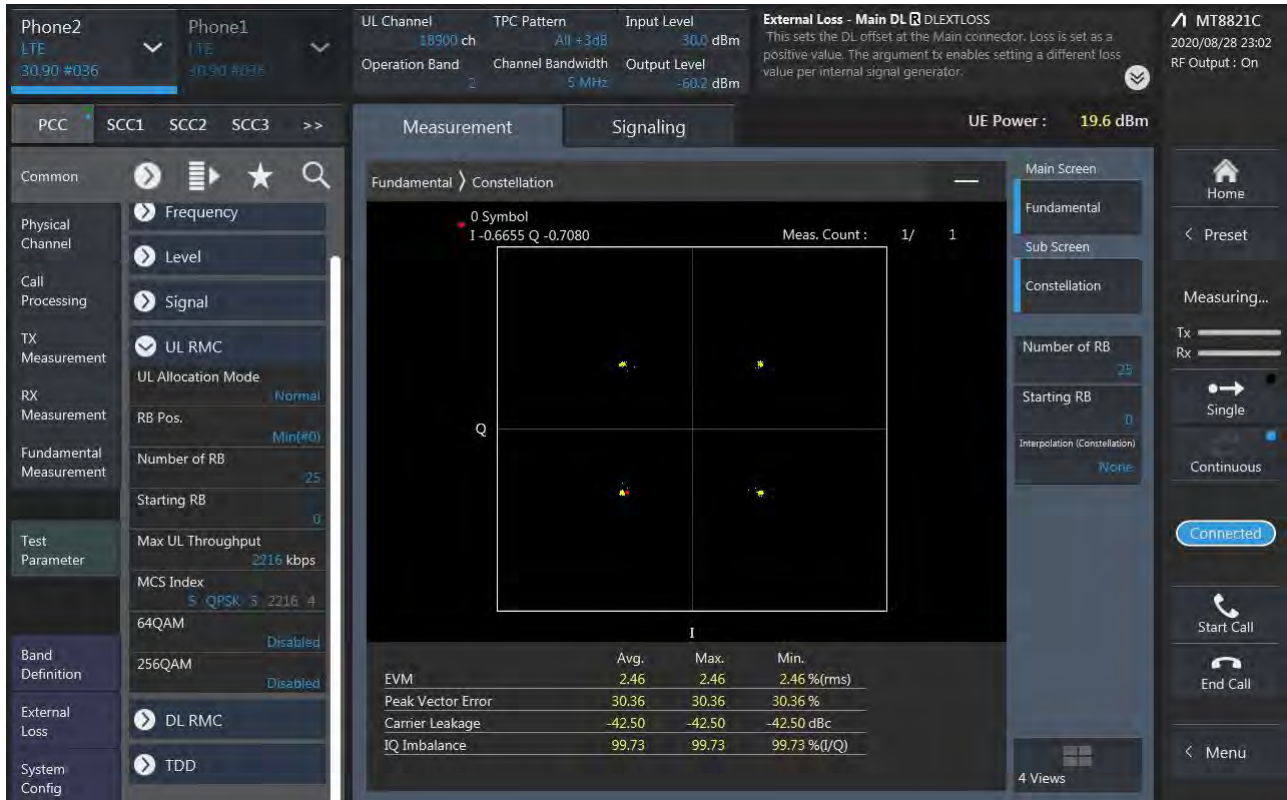
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

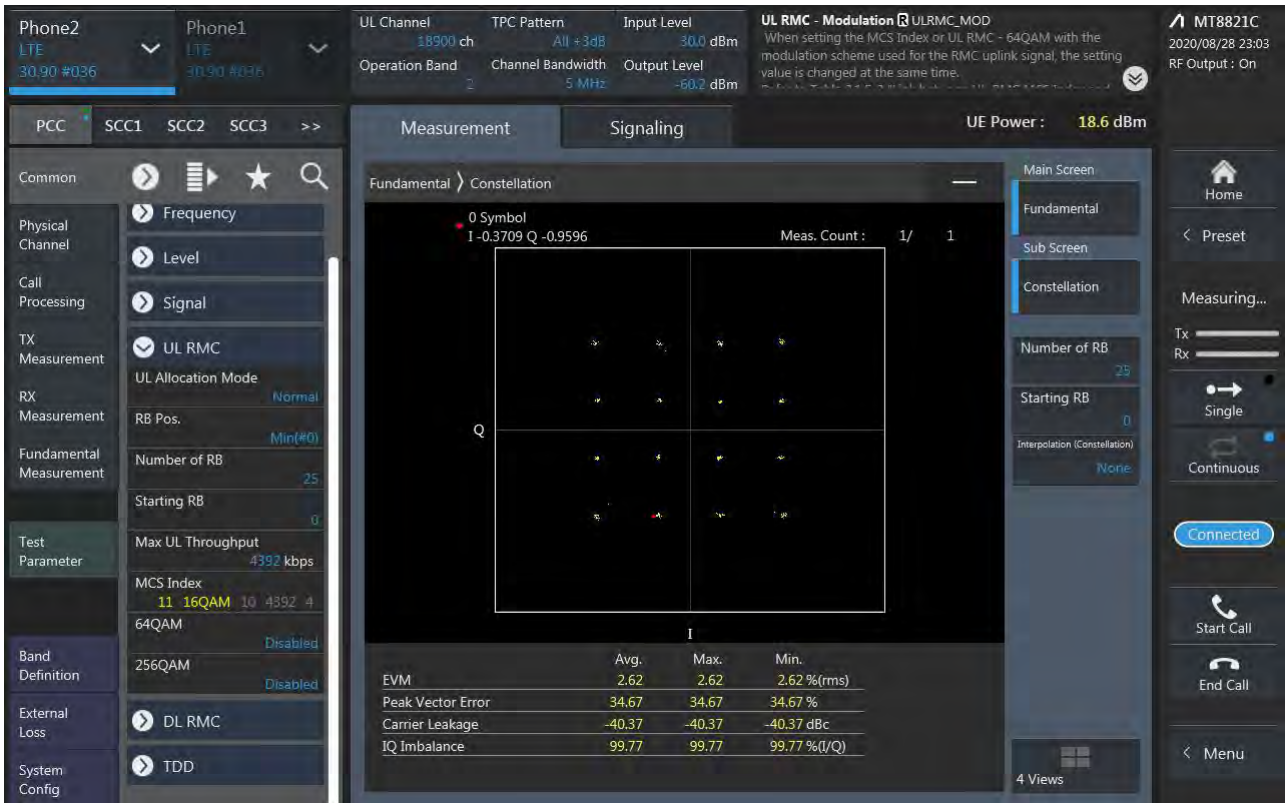
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH

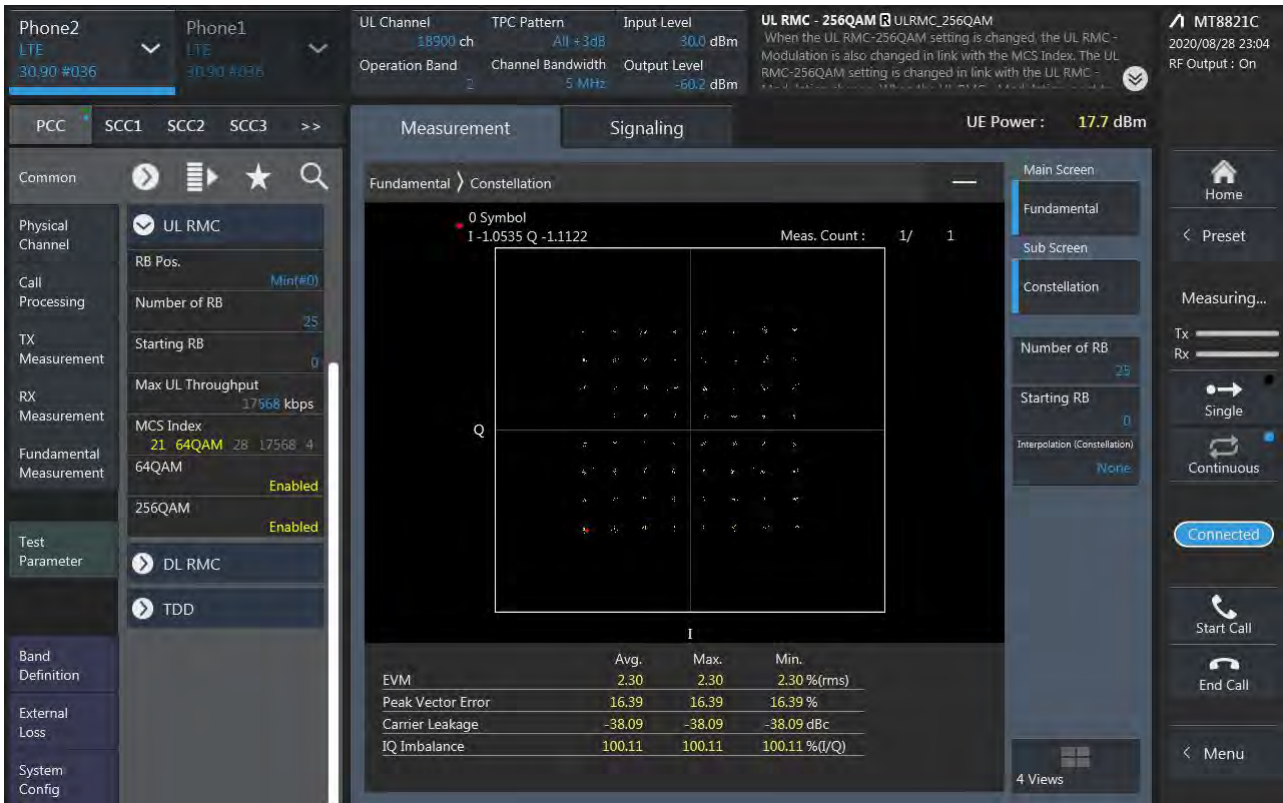


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.091	1.287	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.091	1.293	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.091	1.281	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.1	1.302	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.1	1.296	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.097	1.299	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.091	1.296	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.088	1.284	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.091	1.299	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.691	2.988	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.697	2.994	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.703	2.994	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.691	2.970	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.691	2.976	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.697	2.982	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.685	2.970	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.685	2.970	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.685	2.976	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.476	4.920	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.476	4.920	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.476	4.940	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.476	4.930	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.476	4.900	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.476	4.930	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.476	4.960	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.496	4.970	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.496	4.940	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.931	9.720	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.931	9.740	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.911	9.780	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.931	9.720	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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. | No.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	10MHz	64QAM	18900	50RB#0	8.911	9.720	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.931	9.720	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.911	9.760	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.931	9.760	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.951	9.740	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.457	14.820	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.457	14.790	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.457	14.730	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.457	14.850	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.427	14.820	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.457	14.820	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.457	14.790	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.457	14.760	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.457	14.760	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.902	19.560	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.902	19.440	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.862	19.480	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.862	19.480	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.902	19.480	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.902	19.280	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.902	19.480	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.902	19.400	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.902	19.400	PASS



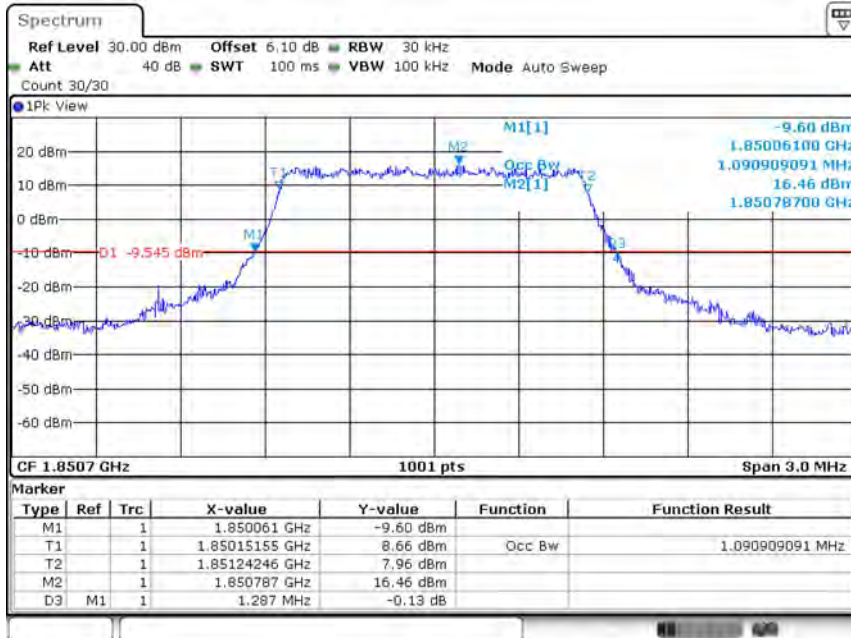
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



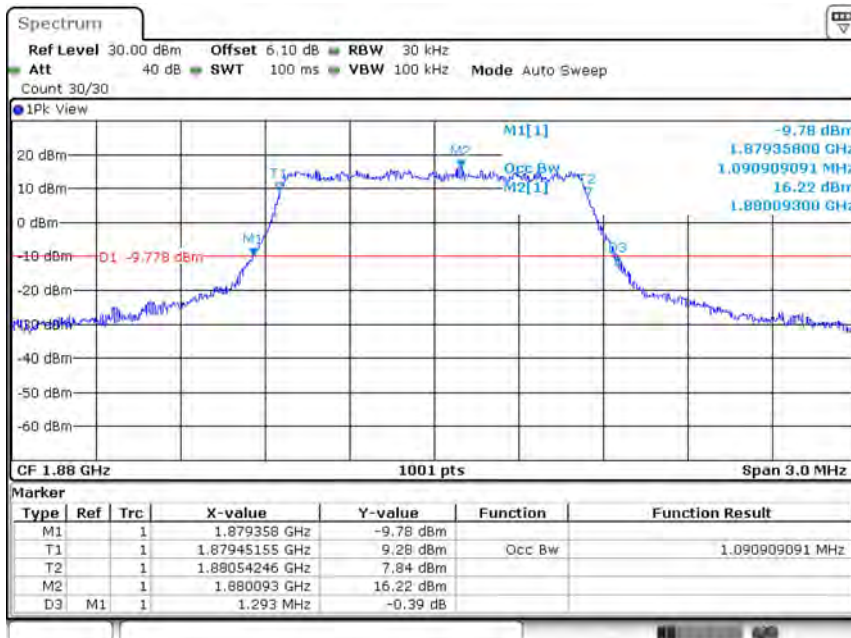
4.2. Test Plots

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



Date: 12.AUG 2020 22:31:30

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



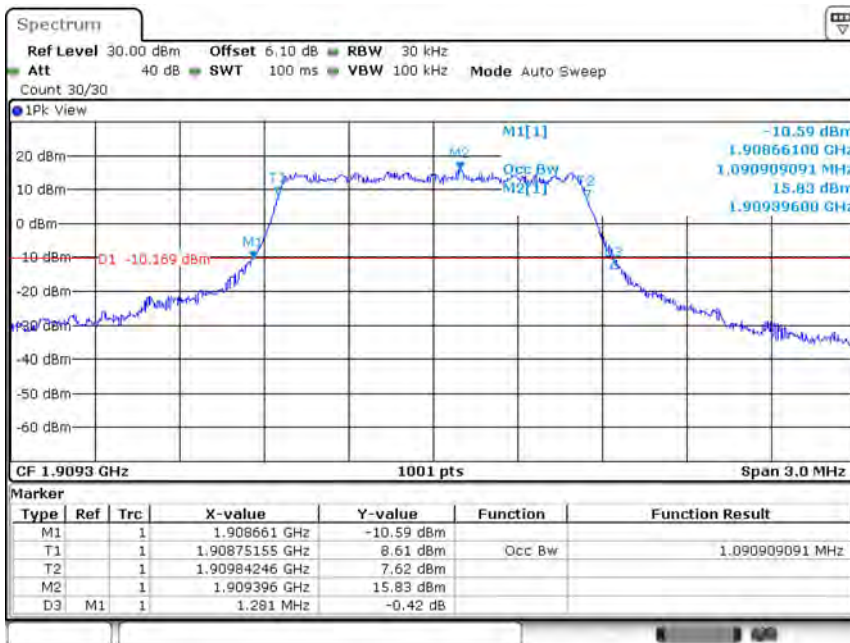
Date: 12.AUG 2020 22:31:49



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-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.

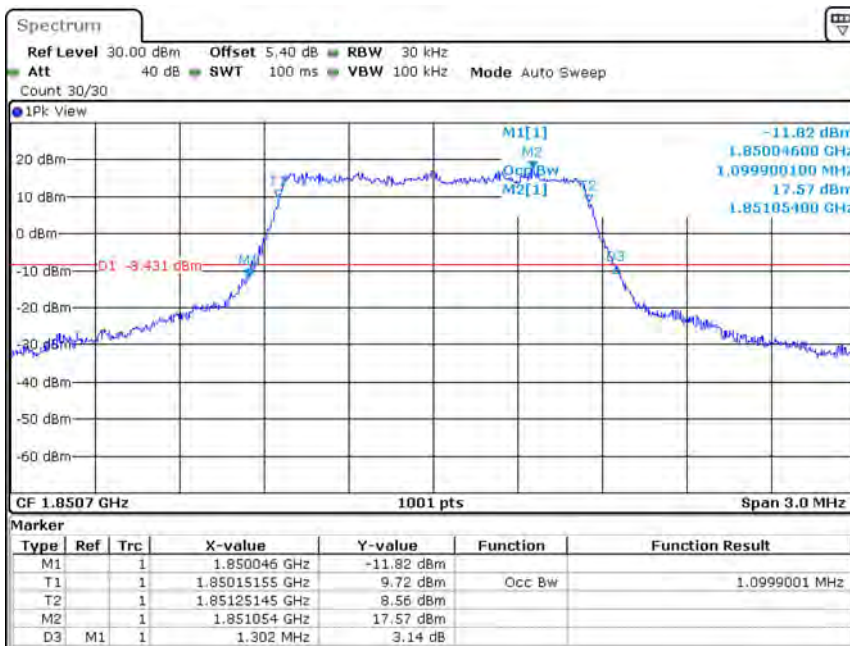


Band2-1.4MHz-QPSK-19193-6RB#0-1.091



Date: 12 AUG 2020 22:32:08

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



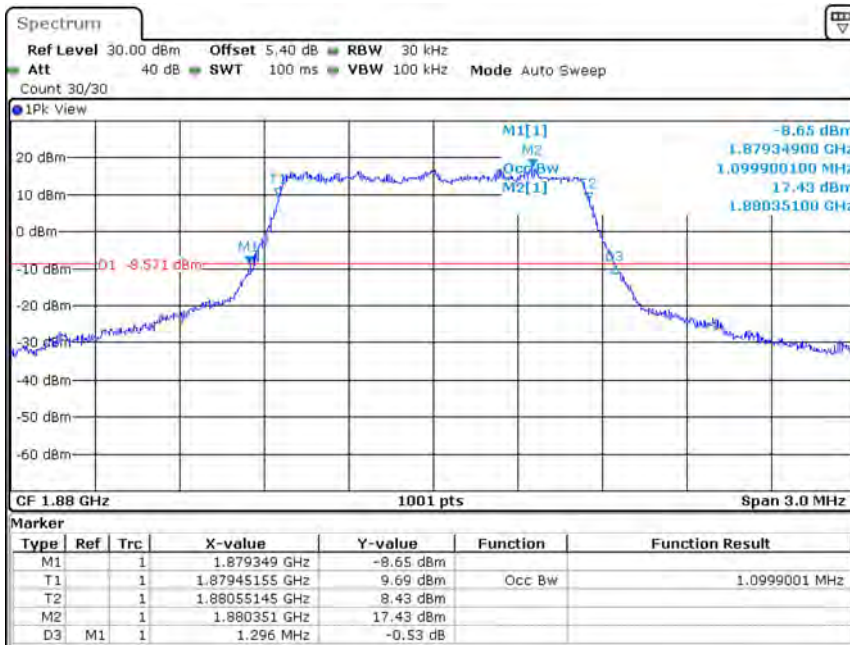
Date: 28 AUG 2020 15:53:36



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

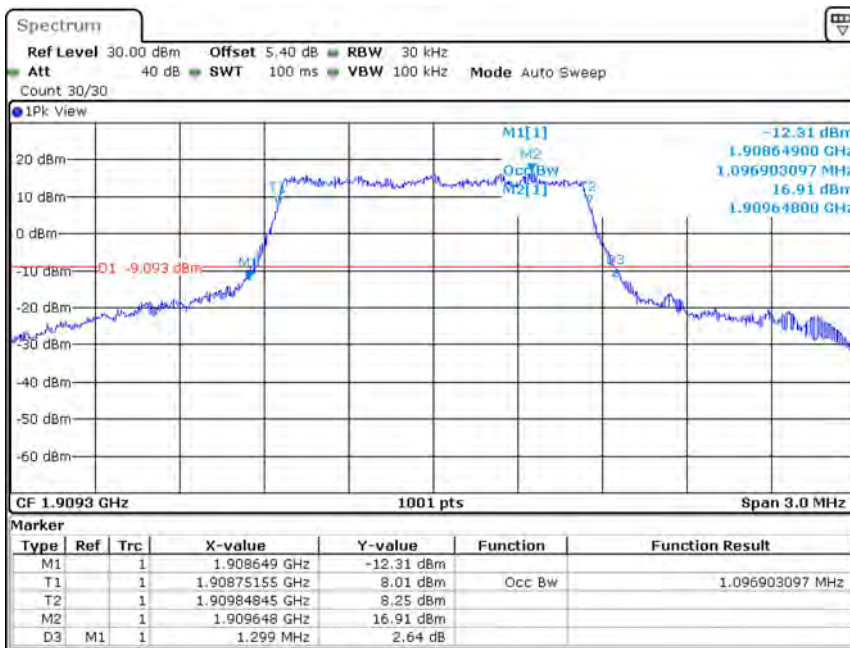


Band2-1.4MHz-64QAM-18900-6RB#0-1.1



Date: 28.AUG.2020 15:53:49

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



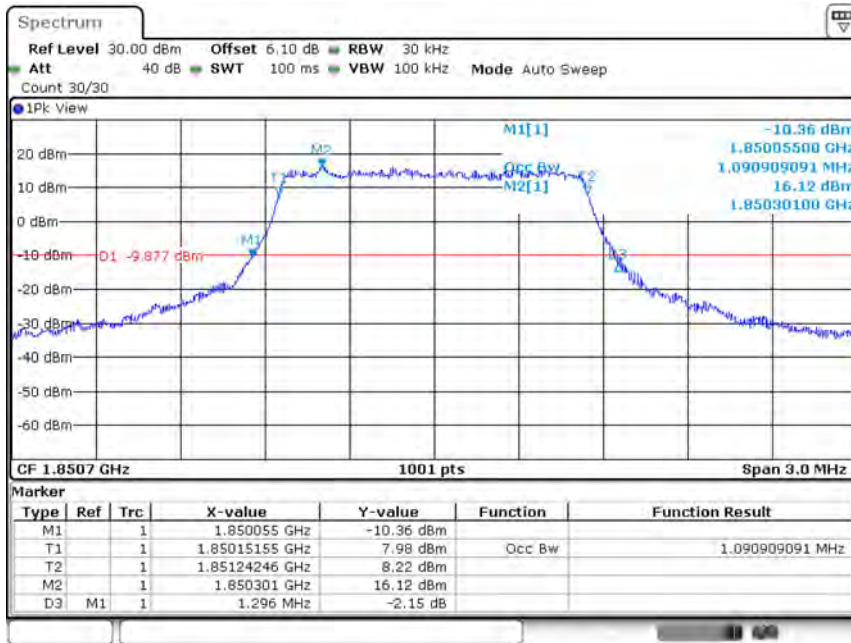
Date: 28.AUG.2020 15:54:02



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

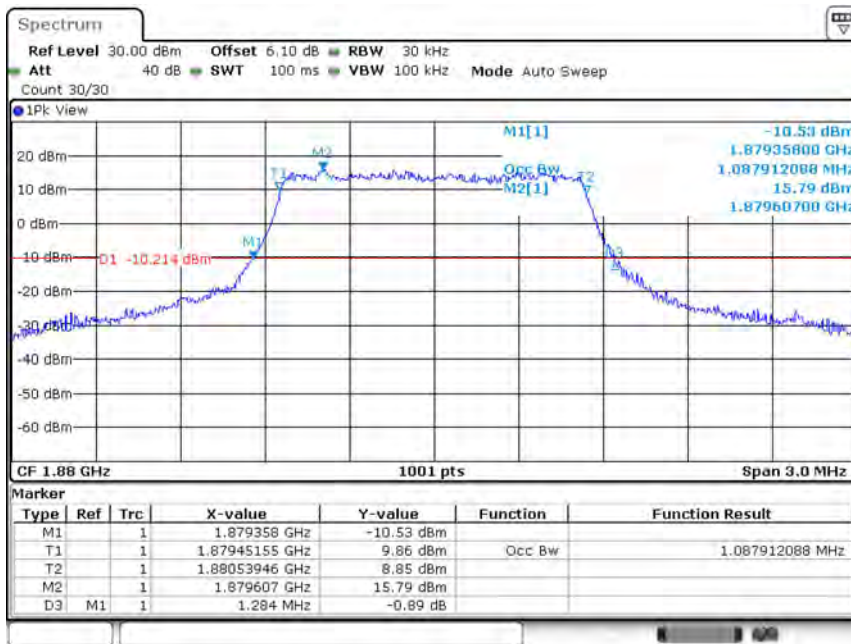


Band2-1.4MHz-16QAM-18607-6RB#0-1.091



Date: 12 AUG 2020 22:31:39

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



Date: 12 AUG 2020 22:31:58



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

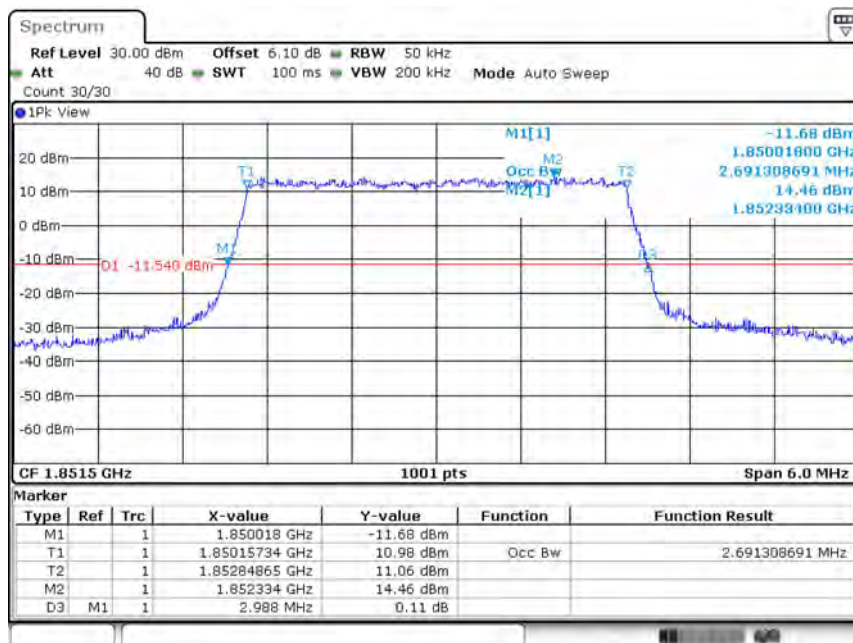


Band2-1.4MHz-16QAM-19193-6RB#0-1.091



Date: 12 AUG 2020 22:32:18

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



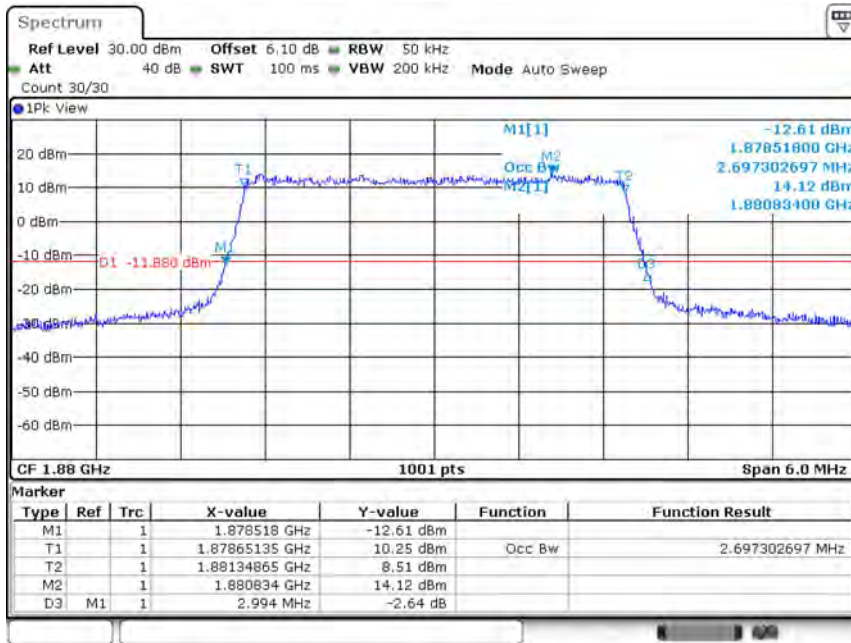
Date: 12 AUG 2020 22:32:29



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

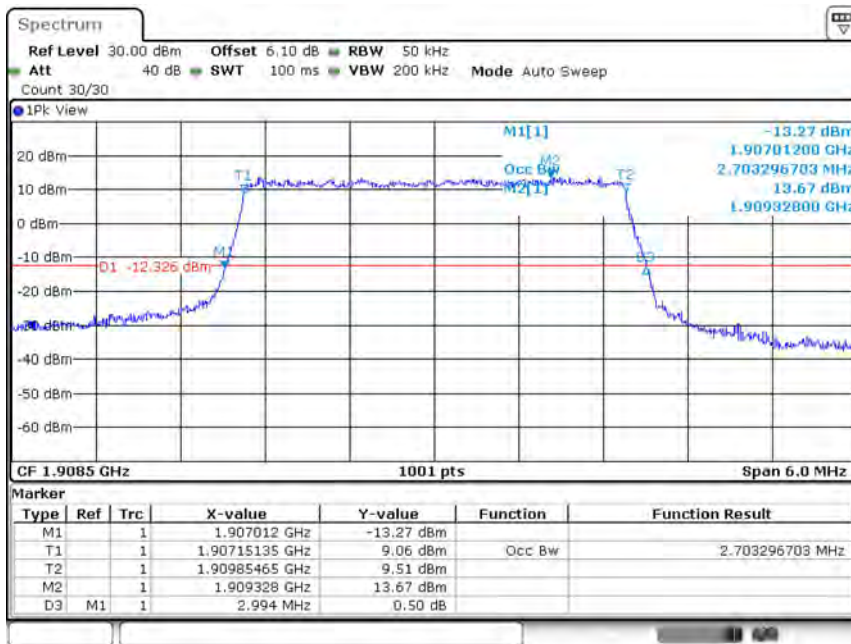


Band2-3MHz-QPSK-18900-15RB#0-2.697



Date: 12 AUG 2020 22:32:49

Band2-3MHz-QPSK-19185-15RB#0-2.703



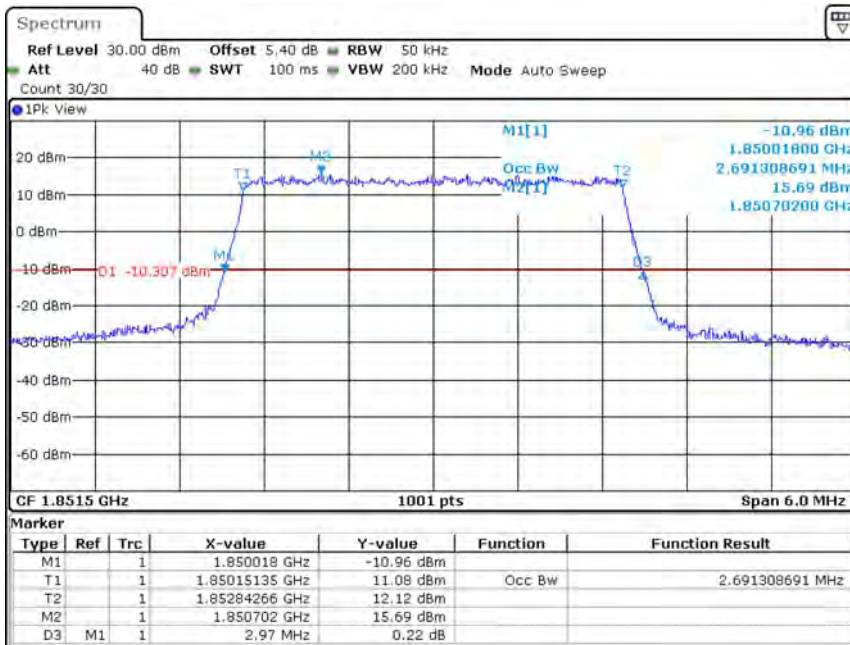
Date: 12 AUG 2020 22:33:08



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

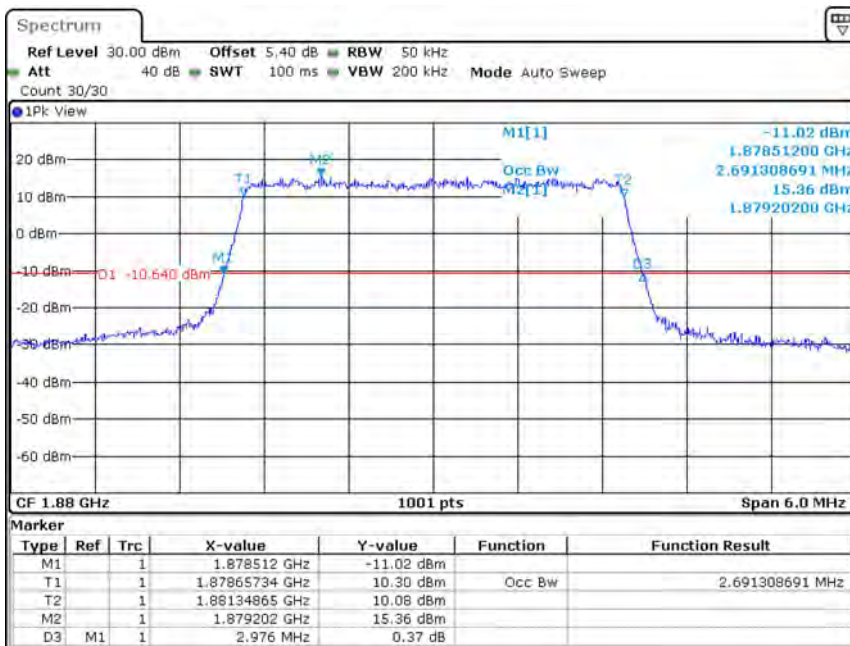


Band2-3MHz-64QAM-18615-15RB#0-2.691



Date: 28.AUG 2020 15:57:46

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



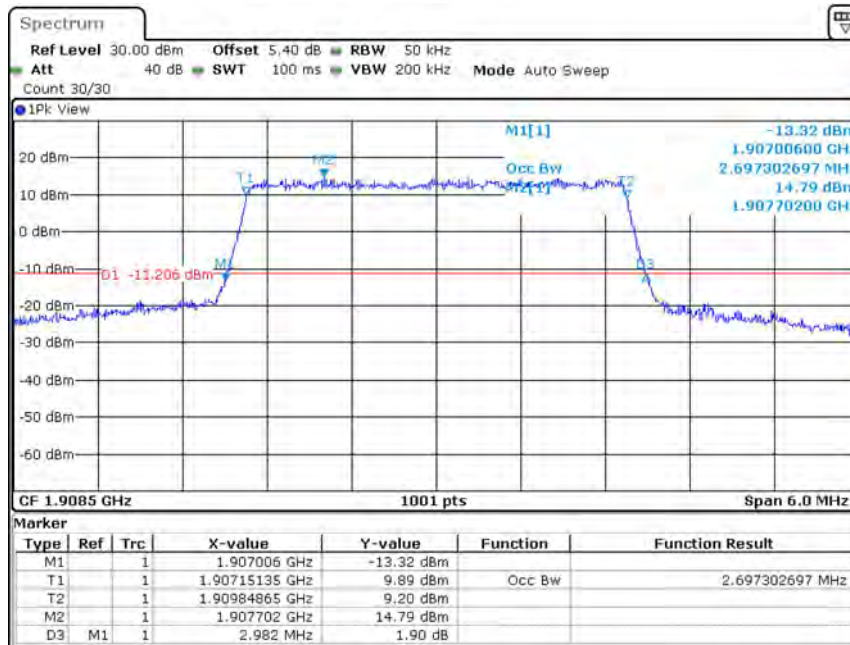
Date: 28.AUG 2020 15:57:59



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-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.

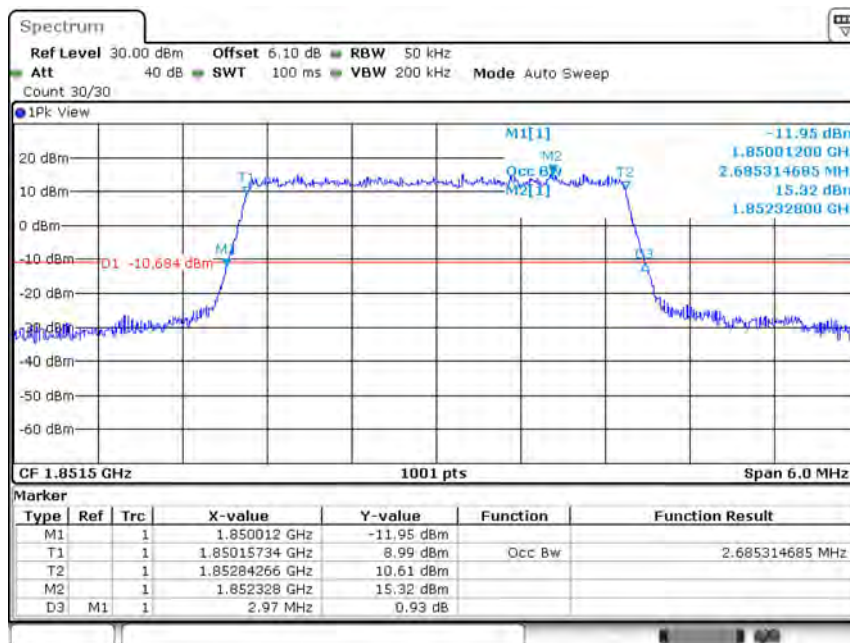


Band2-3MHz-64QAM-19185-15RB#0-2.697



Date: 28.AUG 2020 15:58:12

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



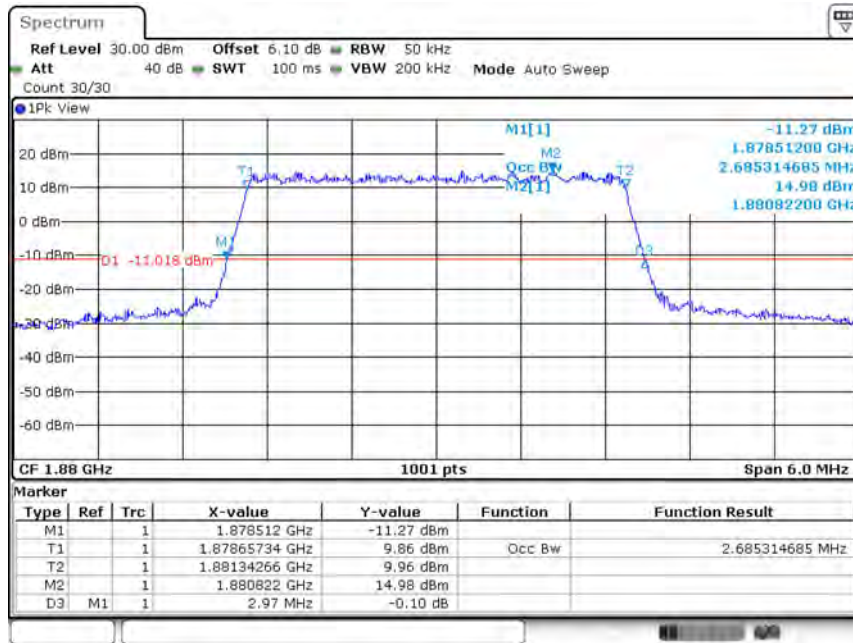
Date: 12.AUG 2020 22:32:39



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

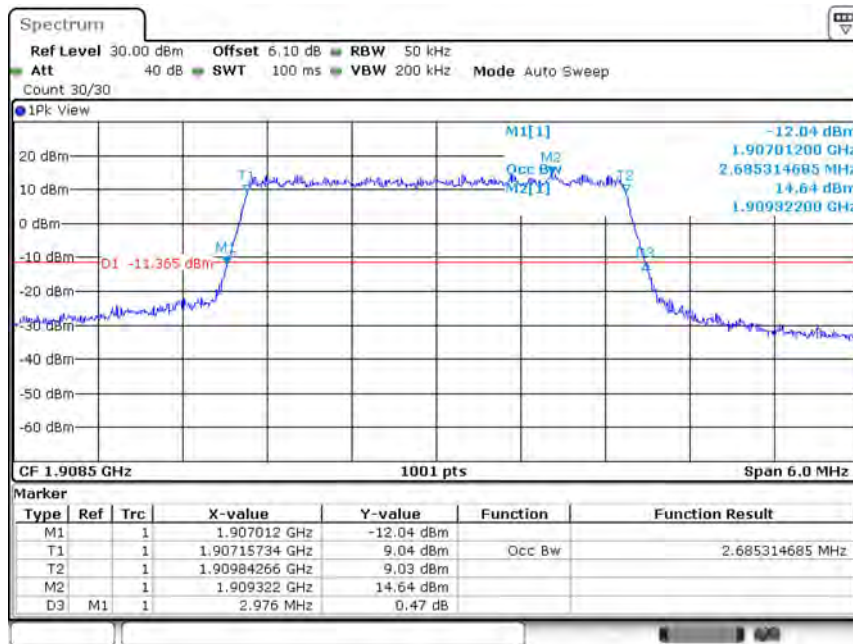


Band2-3MHz-16QAM-18900-15RB#0-2.685



Date: 12 AUG 2020 22:32:58

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



Date: 12 AUG 2020 22:33:18



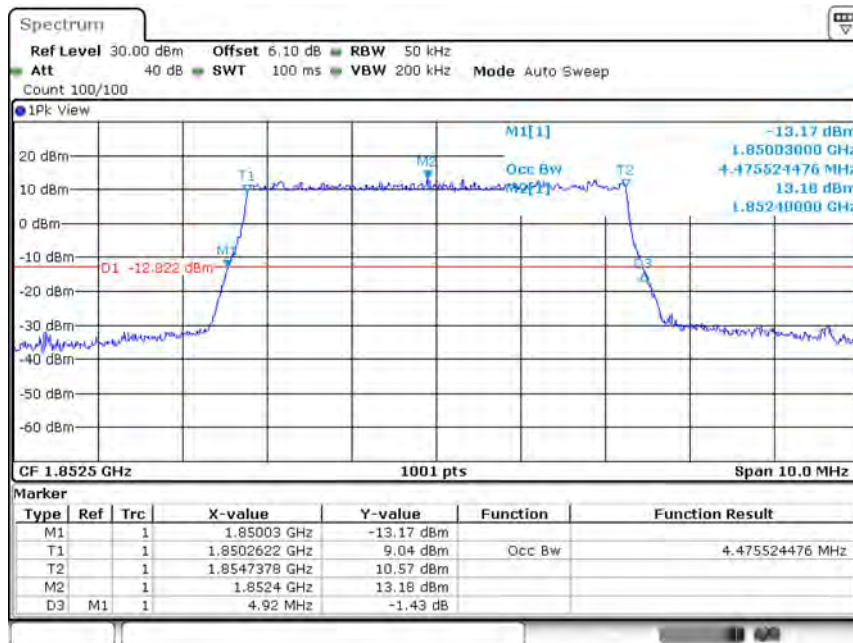
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

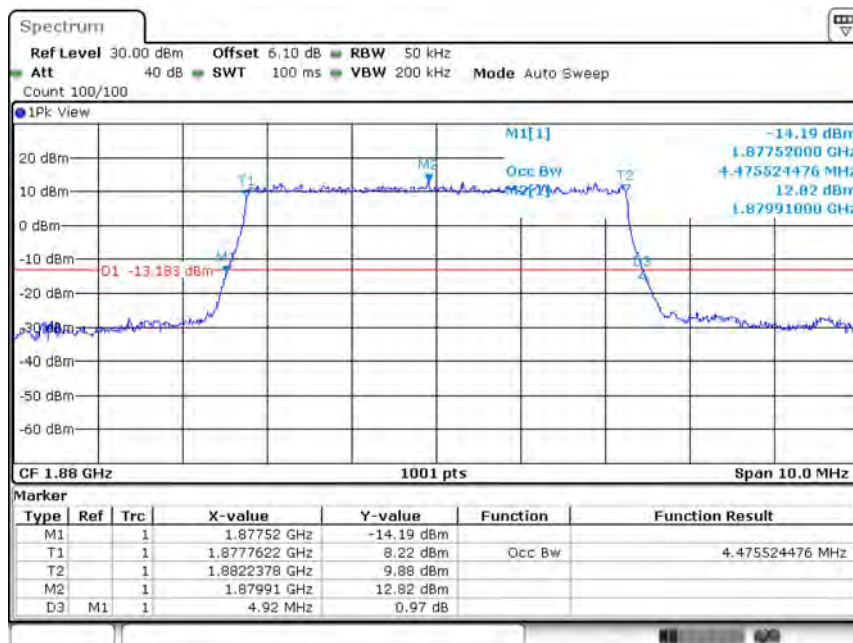


Band2-5MHz-QPSK-18625-25RB#0-4.476



Date: 12 AUG 2020 22:33:36

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



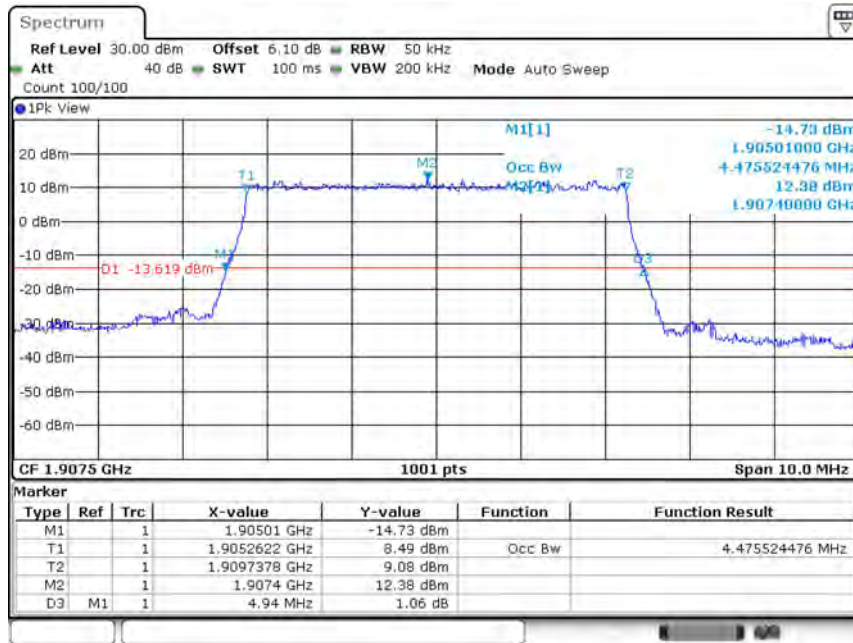
Date: 12 AUG 2020 22:34:10



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-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.

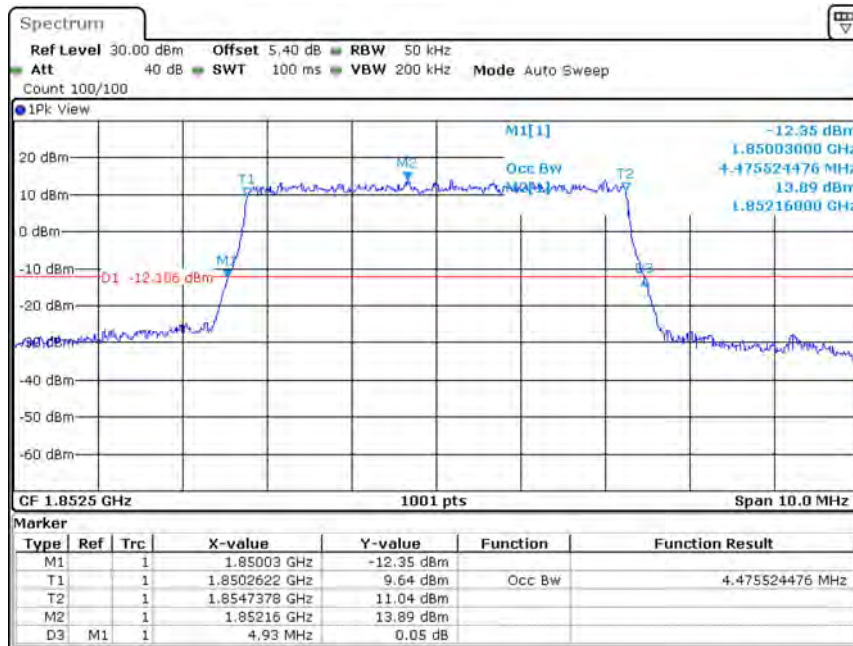


Band2-5MHz-QPSK-19175-25RB#0-4.476



Date: 12 AUG 2020 22:34:43

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



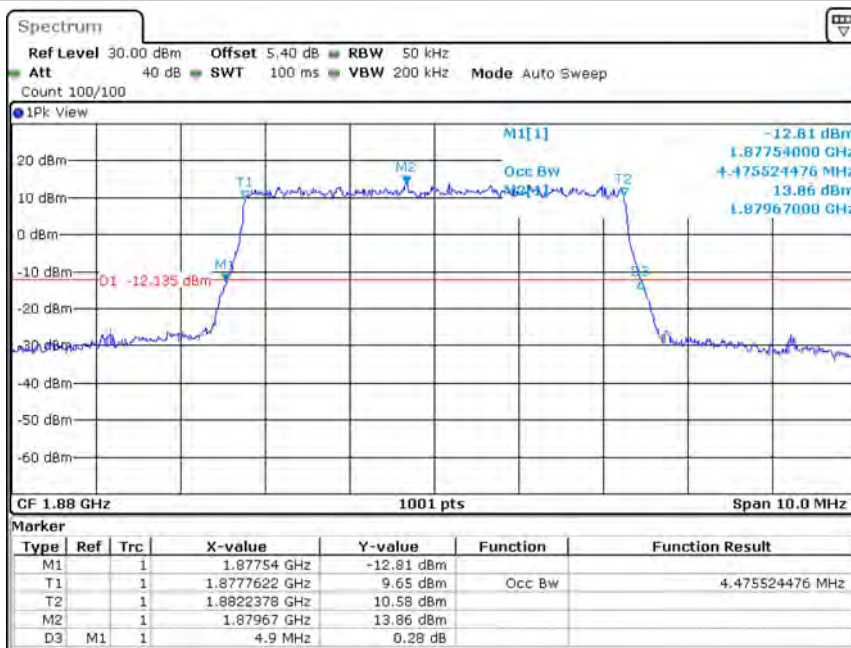
Date: 28 AUG 2020 15:58:39



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

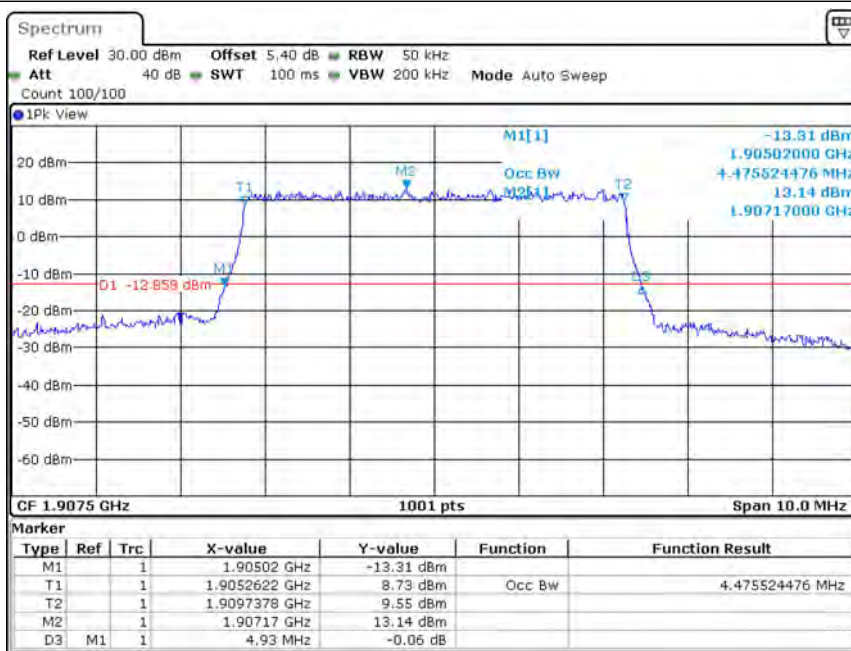


Band2-5MHz-64QAM-18900-25RB#0-4.476



Date: 28.AUG.2020 15:58:59

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



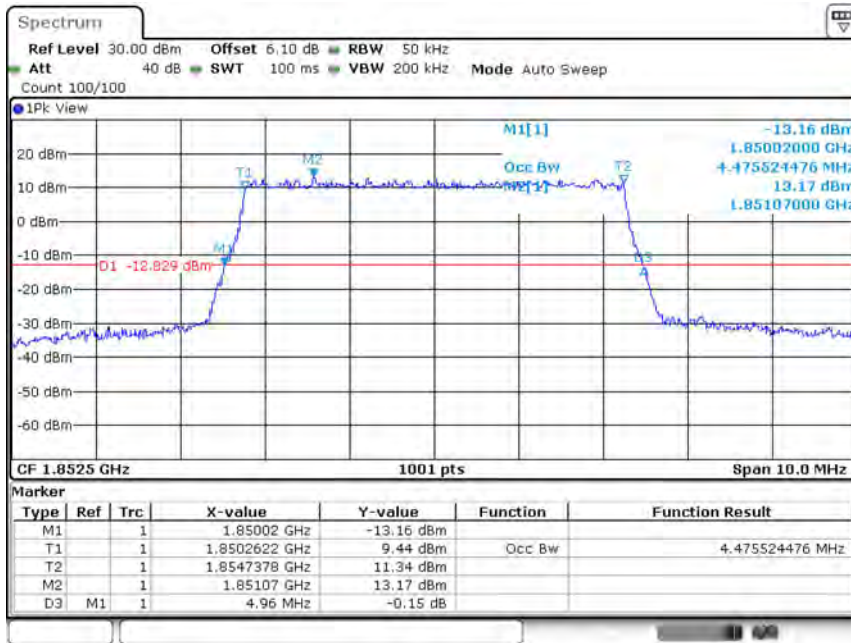
Date: 28.AUG.2020 15:59:20



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

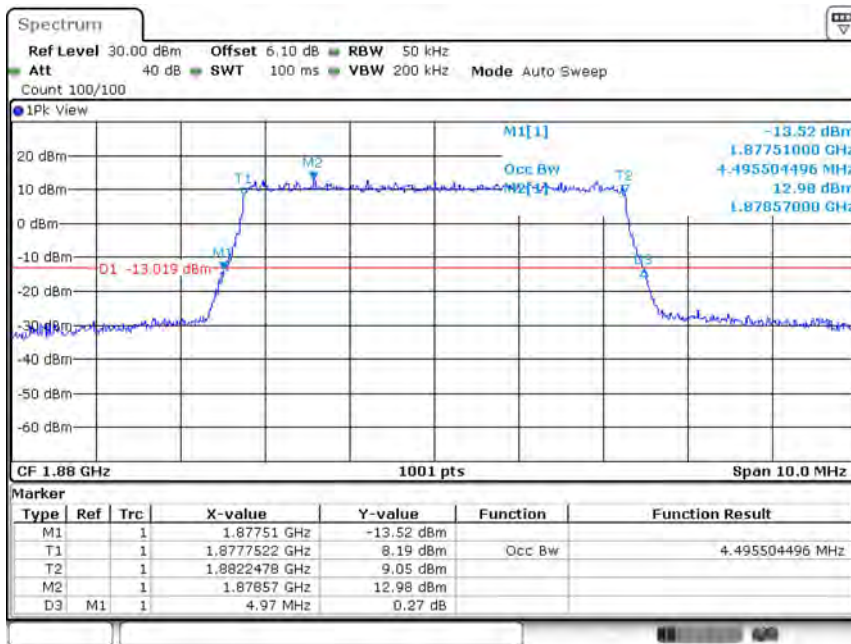


Band2-5MHz-16QAM-18625-25RB#0-4.476



Date: 12 AUG 2020 22:33:53

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



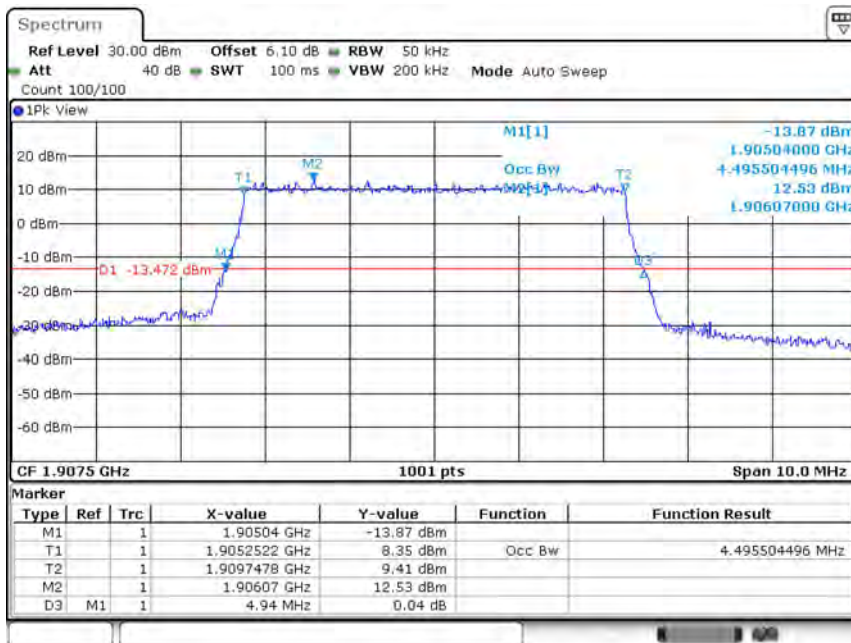
Date: 12 AUG 2020 22:34:26



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.

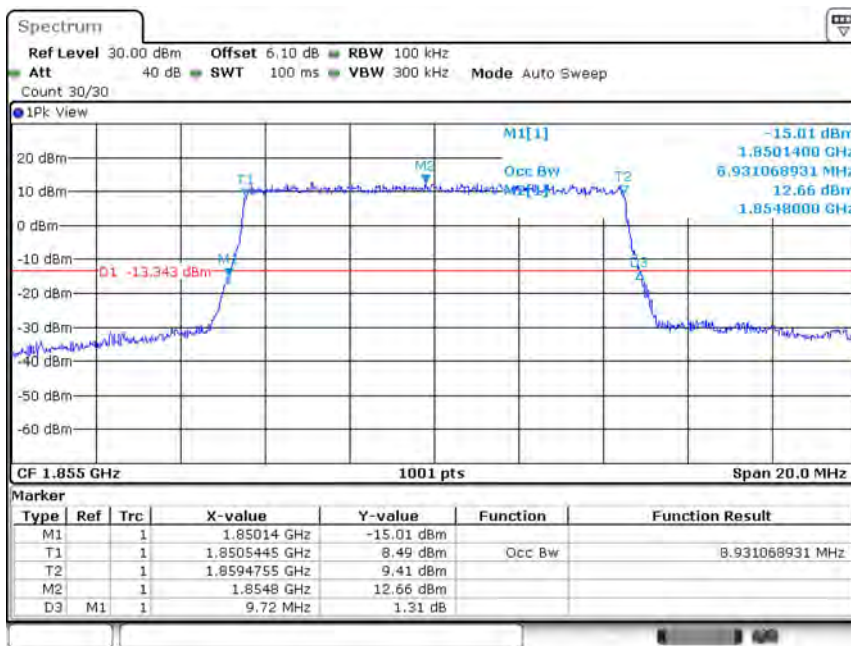


Band2-5MHz-16QAM-19175-25RB#0-4.496



Date: 12 AUG 2020 22:35:00

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



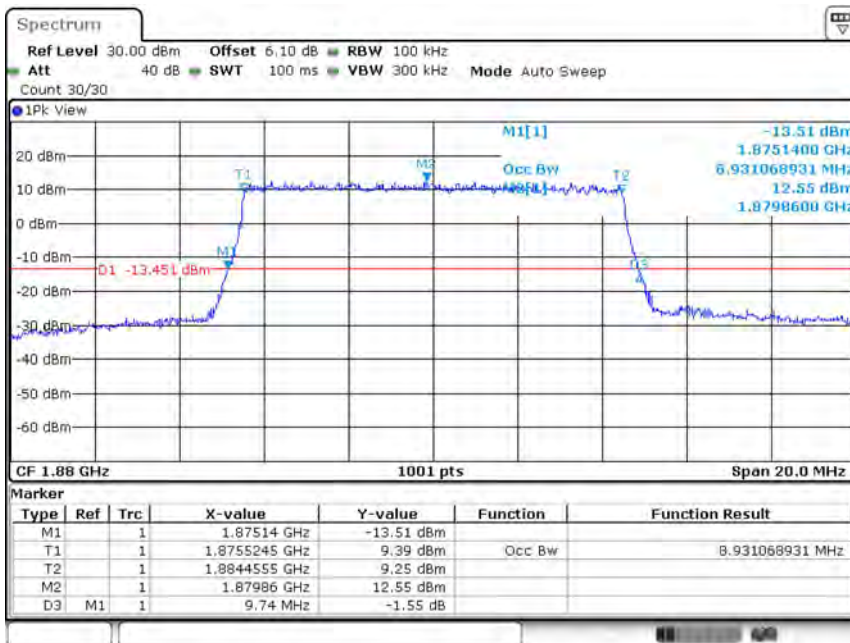
Date: 12 AUG 2020 22:35:11



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

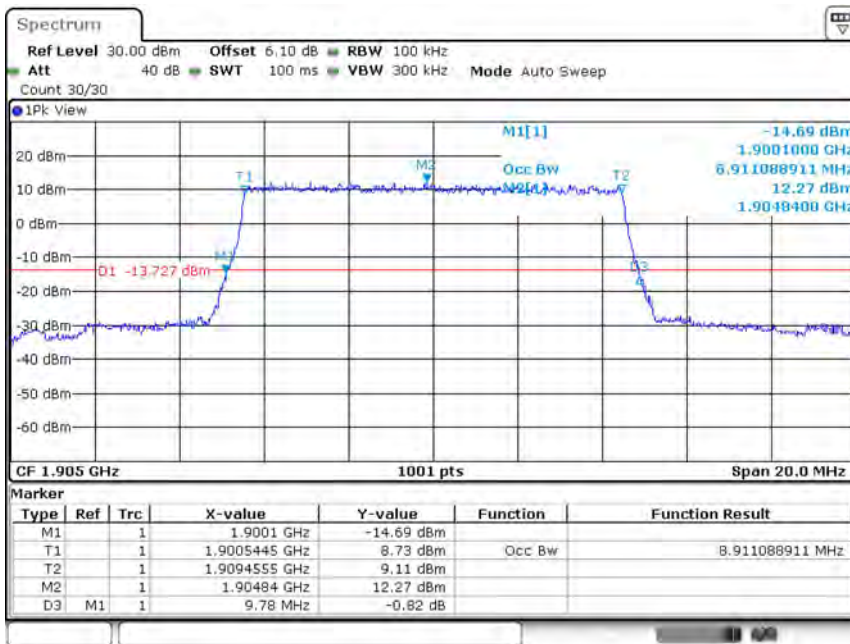


Band2-10MHz-QPSK-18900-50RB#0-8.931



Date: 12 AUG 2020 22:35:30

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



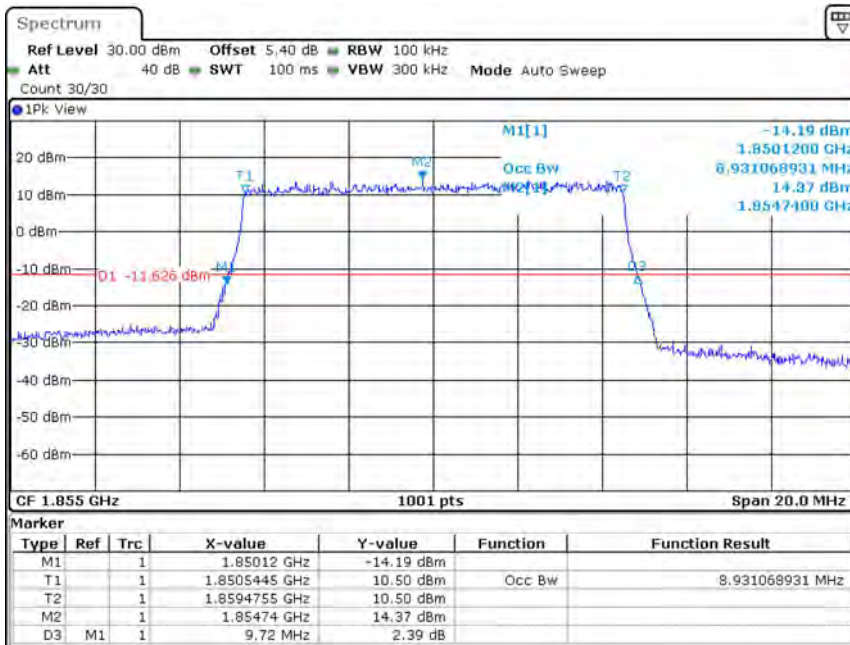
Date: 12 AUG 2020 22:35:50



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.

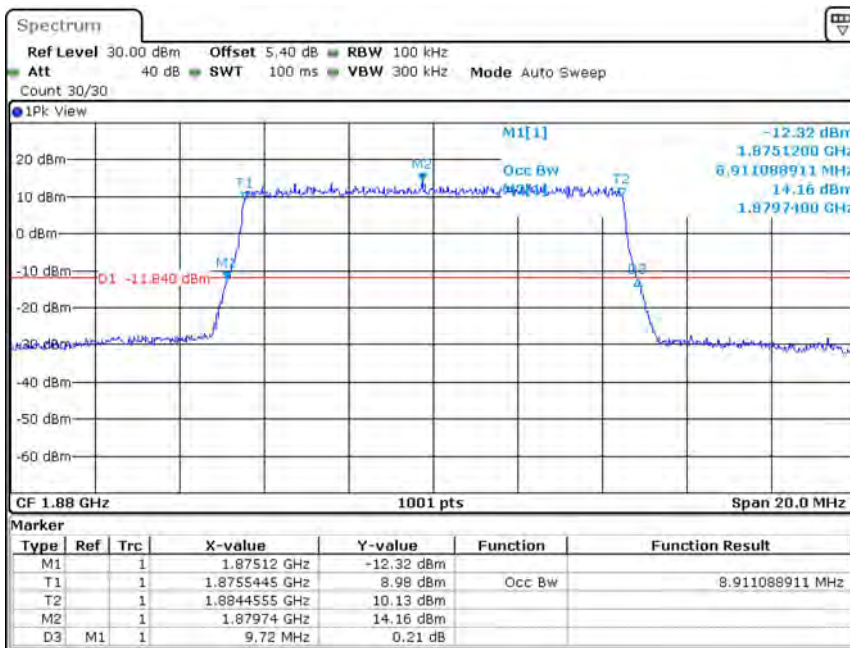


Band2-10MHz-64QAM-18650-50RB#0-8.931



Date: 28.AUG 2020 15:59:40

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



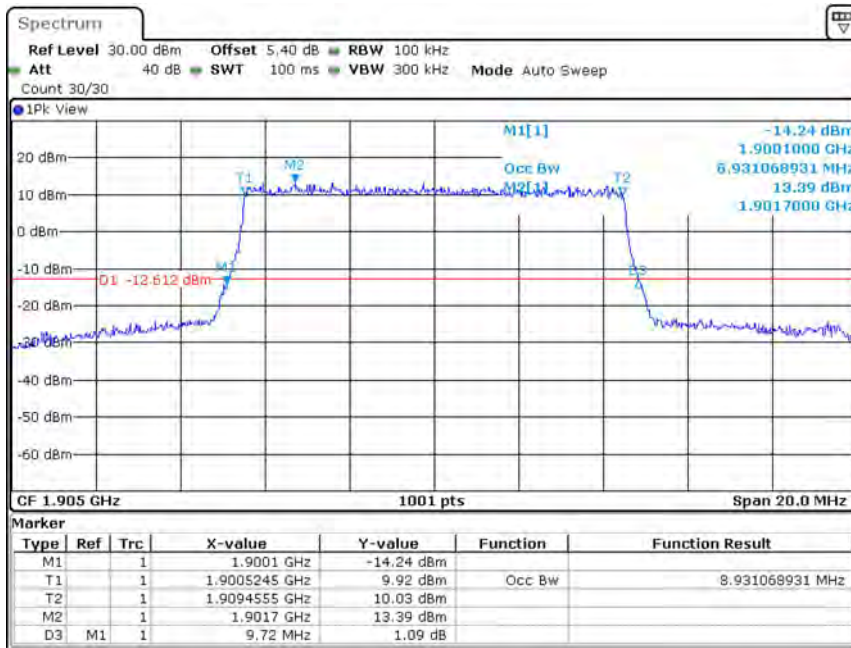
Date: 28.AUG 2020 15:59:53



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.

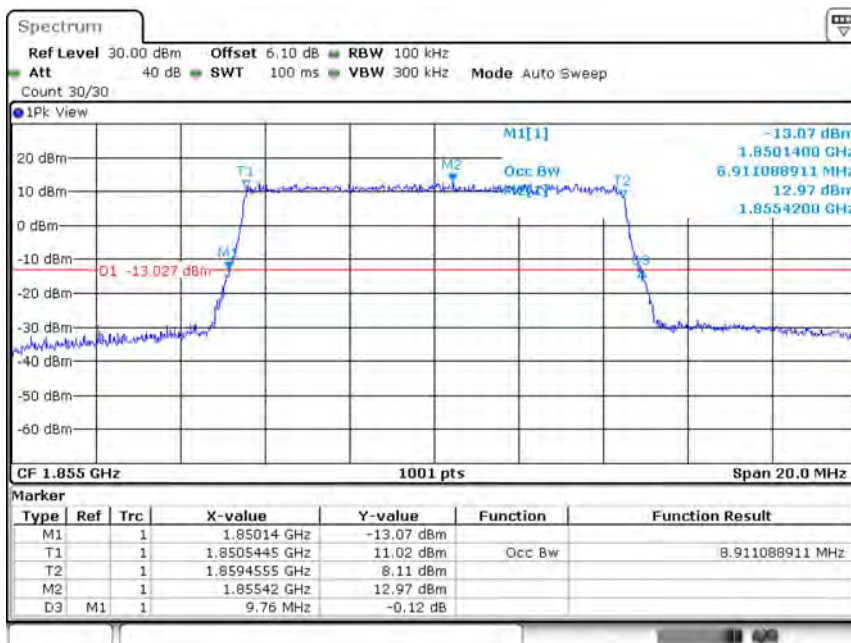


Band2-10MHz-64QAM-19150-50RB#0-8.931



Date: 28.AUG 2020 16:00:06

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



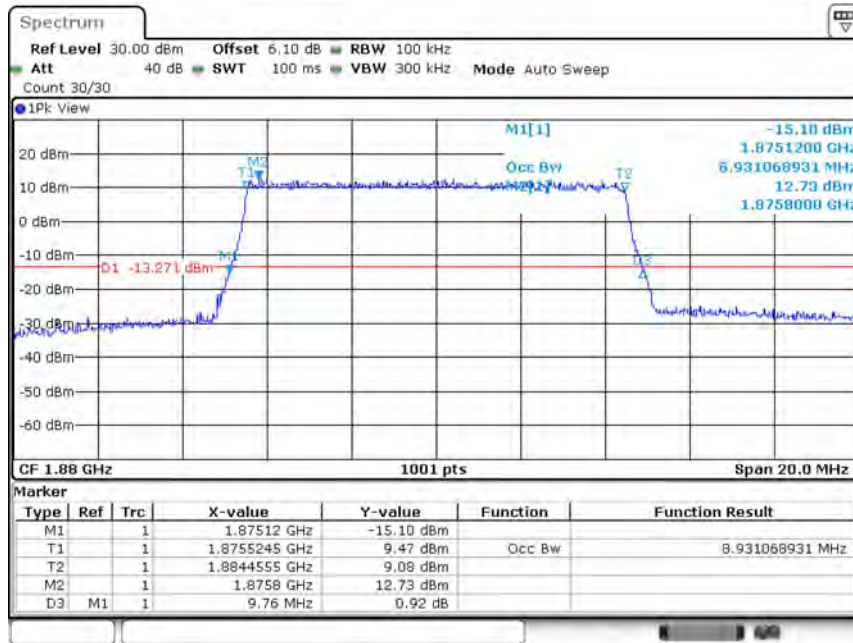
Date: 12.AUG 2020 22:35:21



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

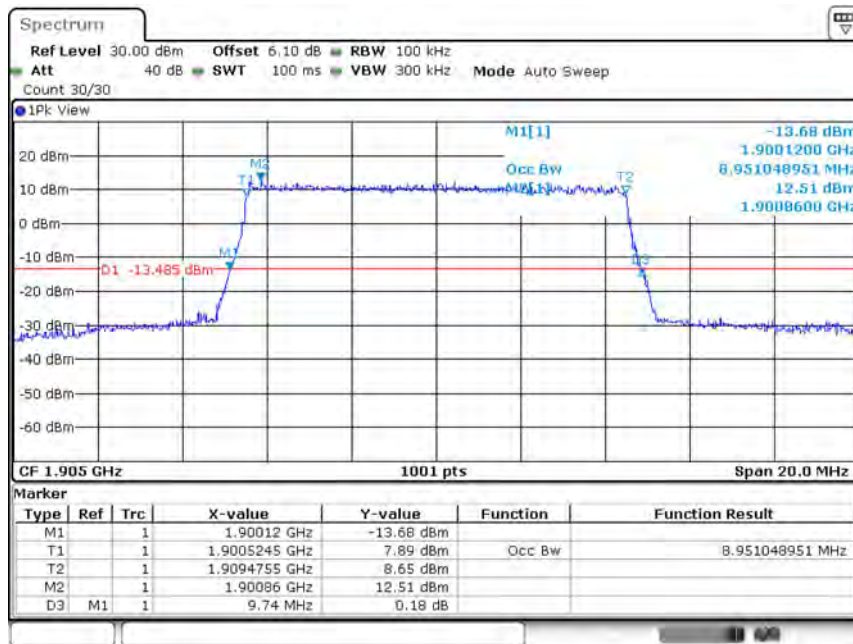


Band2-10MHz-16QAM-18900-50RB#0-8.931



Date: 12 AUG 2020 22:35:40

Band2-10MHz-16QAM-19150-50RB#0-8.951



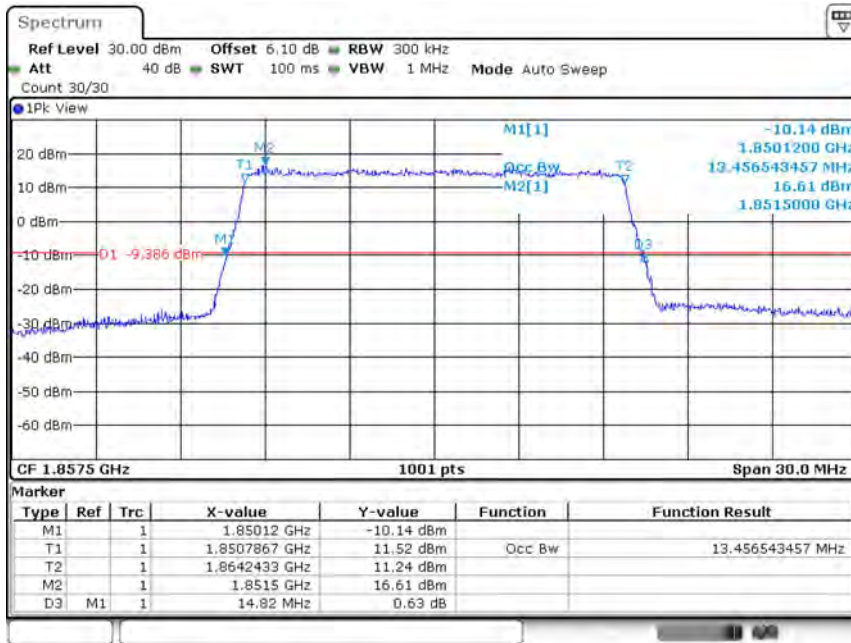
Date: 12 AUG 2020 22:35:59



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-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.

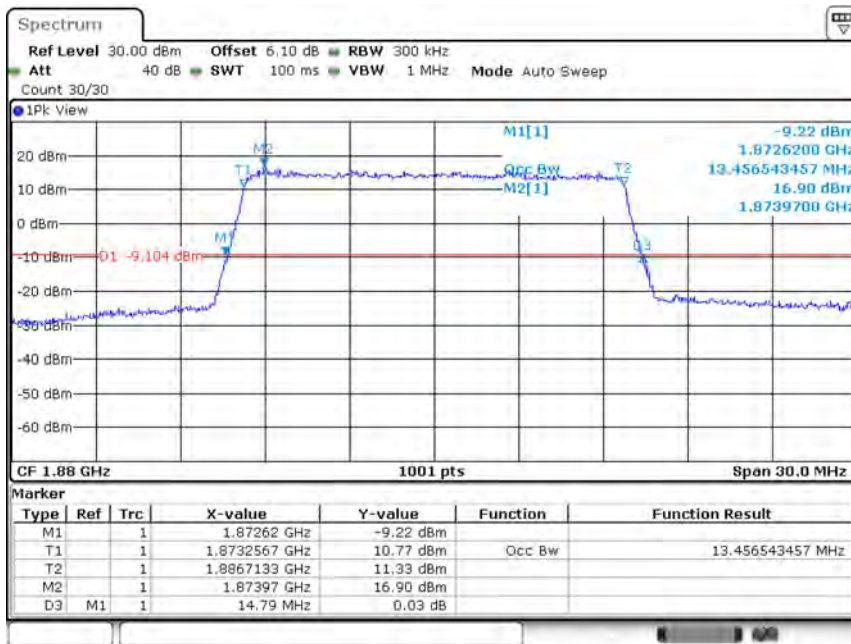


Band2-15MHz-QPSK-18675-75RB#0-13.457



Date 12 AUG 2020 22:36:11

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

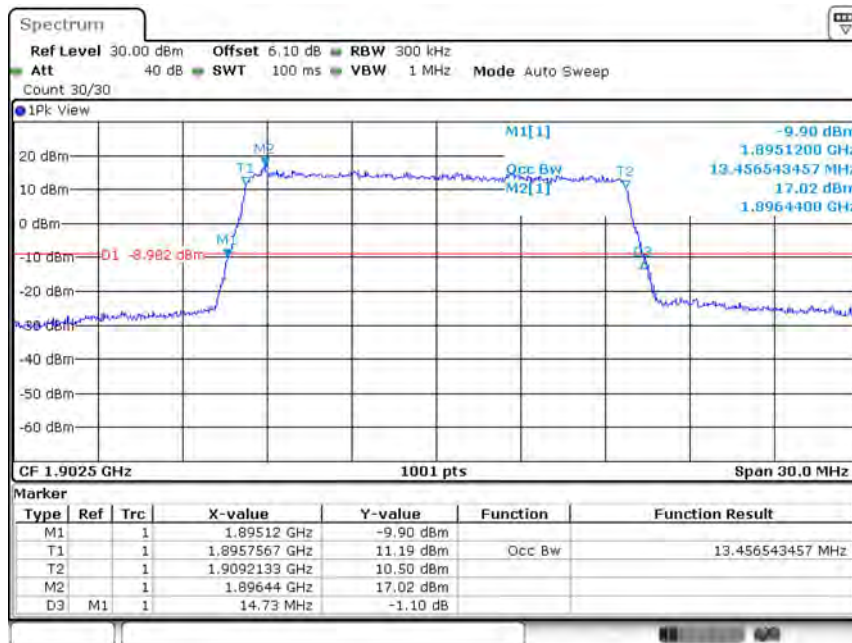


Date 12 AUG 2020 22:36:30



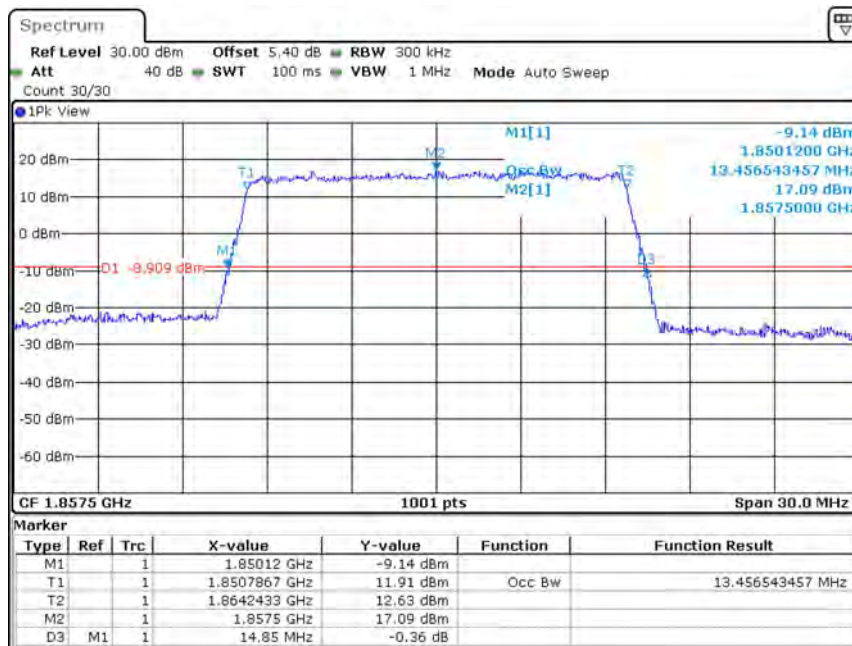
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 12 AUG 2020 22:36:50

Band2-15MHz-64QAM-18675-75RB#0-13.457



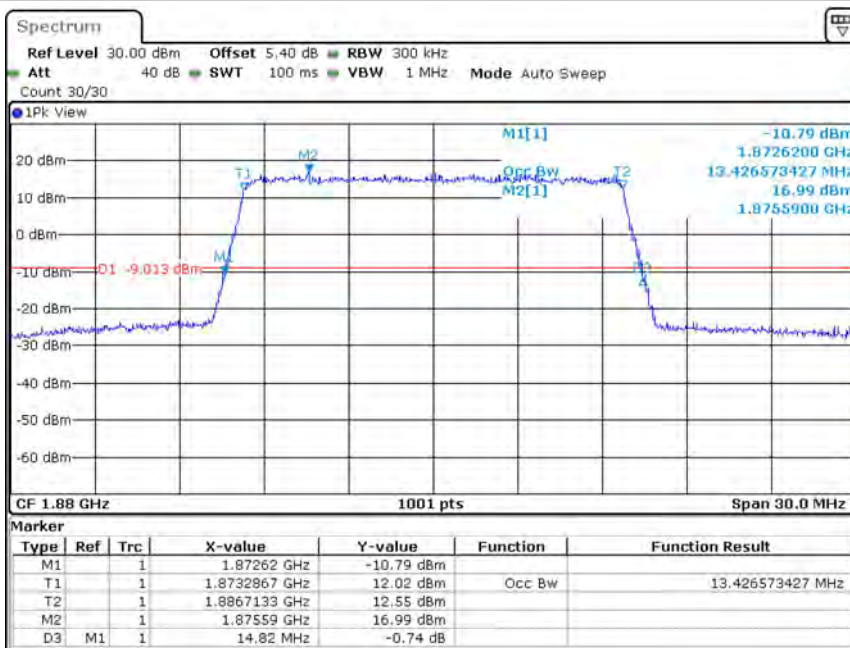
Date: 28.AUG 2020 16:00:26



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.

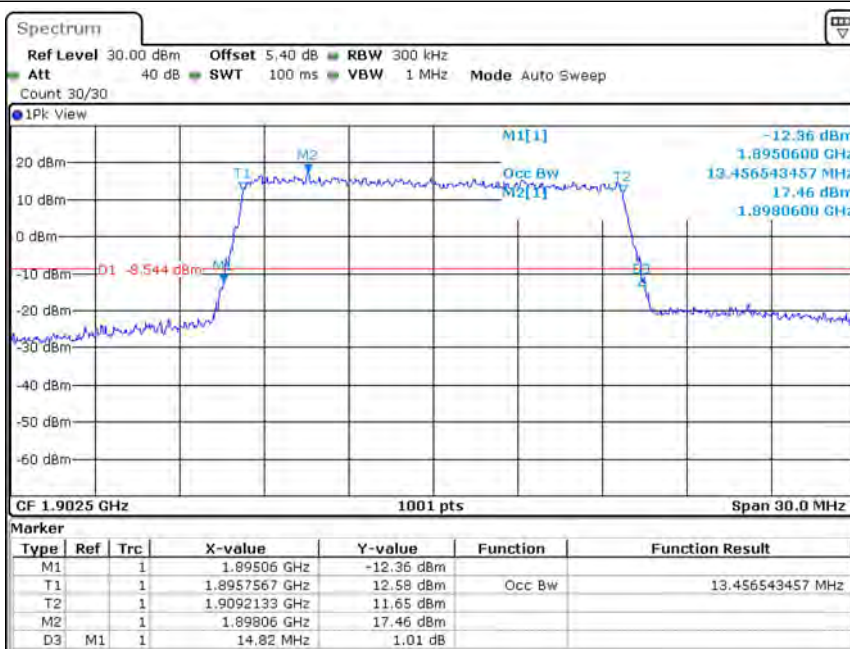


Band2-15MHz-64QAM-18900-75RB#0-13.427



Date: 28 AUG 2020 16:00:39

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



Date: 28 AUG 2020 16:00:51



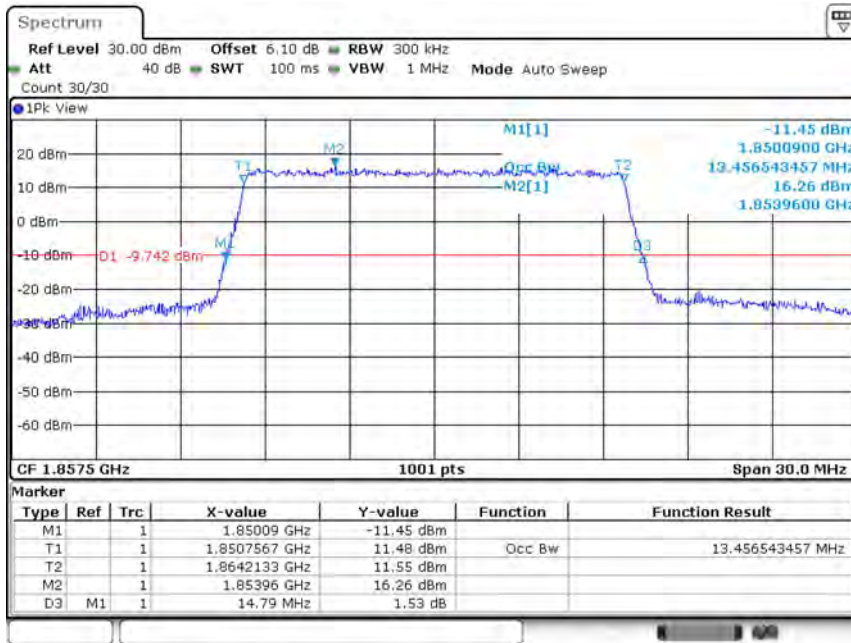
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

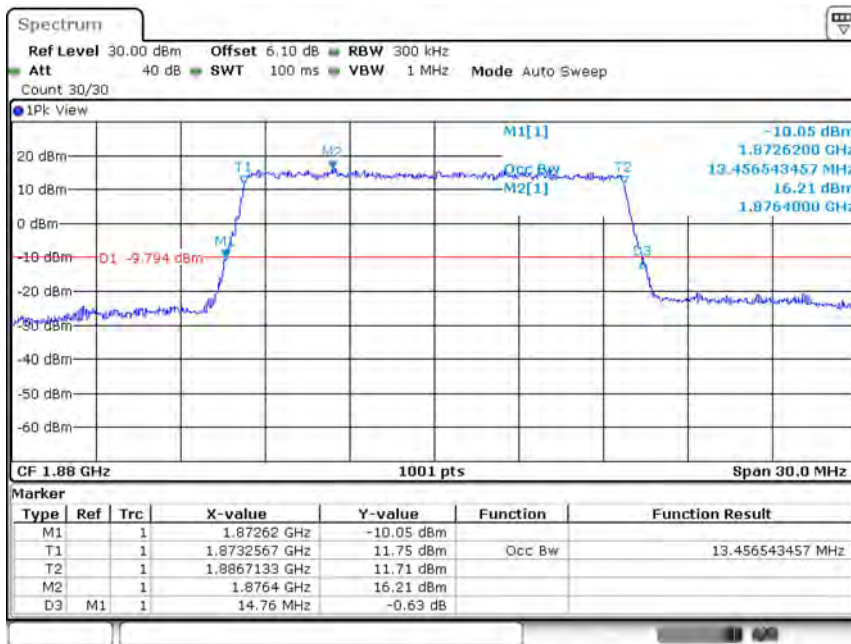


Band2-15MHz-16QAM-18675-75RB#0-13.457



Date 12 AUG 2020 22:36:20

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



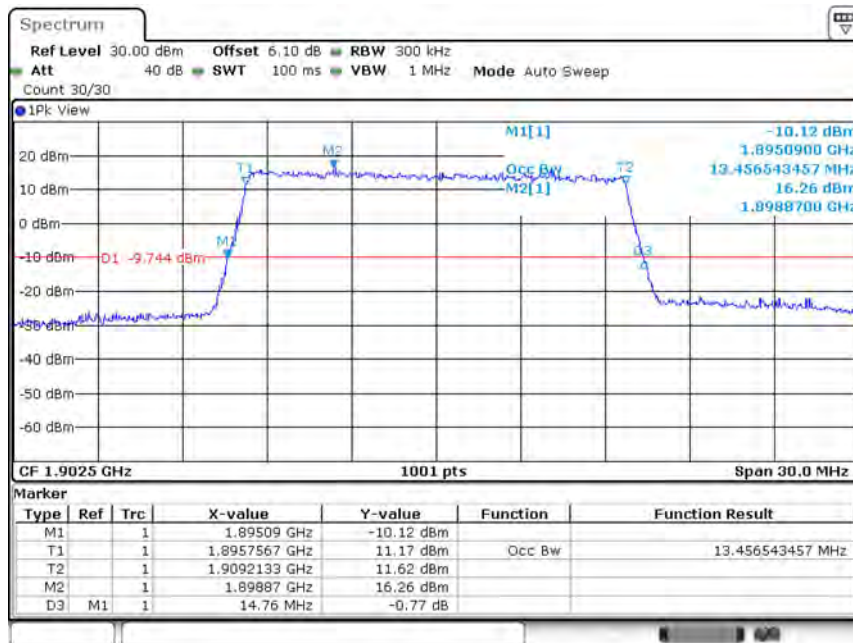
Date 12 AUG 2020 22:36:40



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.

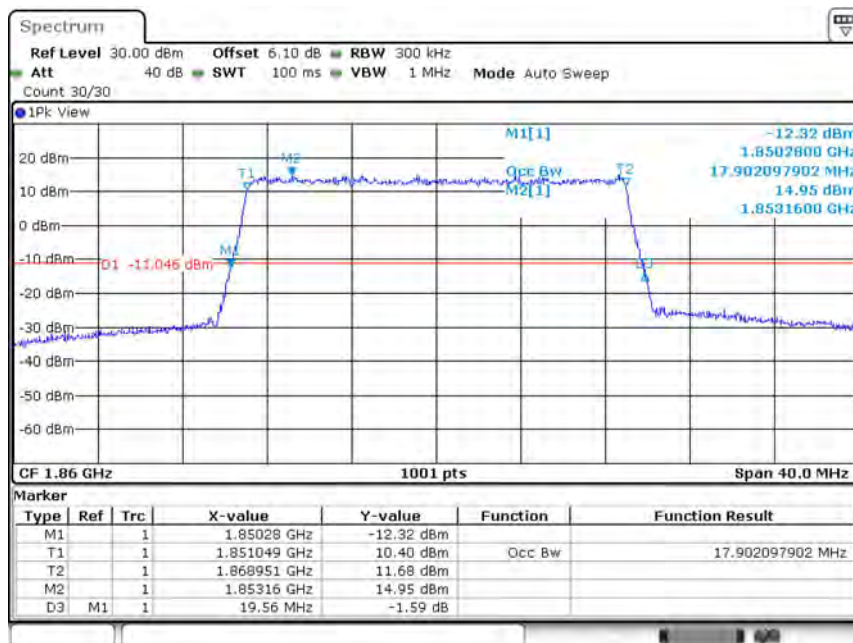


Band2-15MHz-16QAM-19125-75RB#0-13.457



Date 12 AUG 2020 22:36:59

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

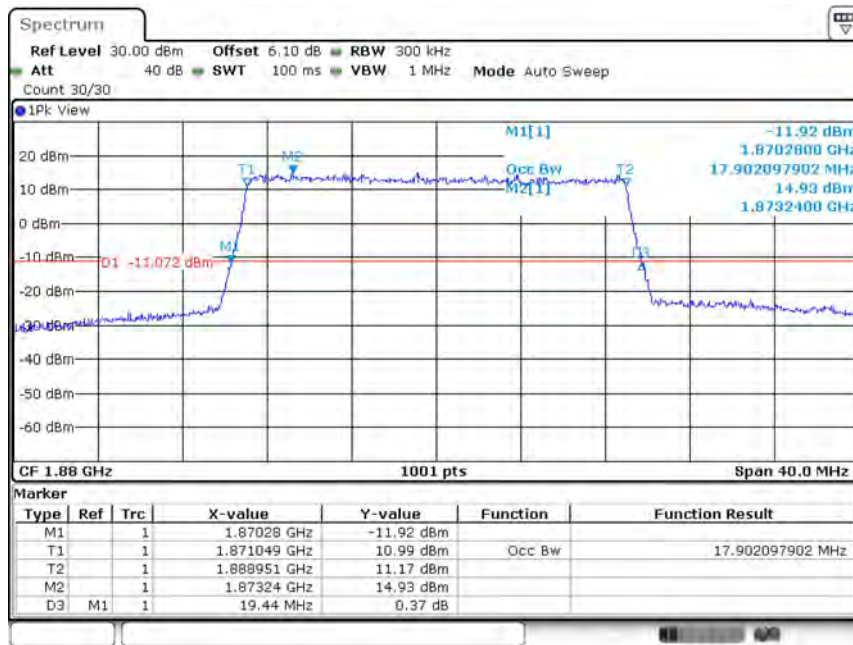


Date 12 AUG 2020 22:37:10



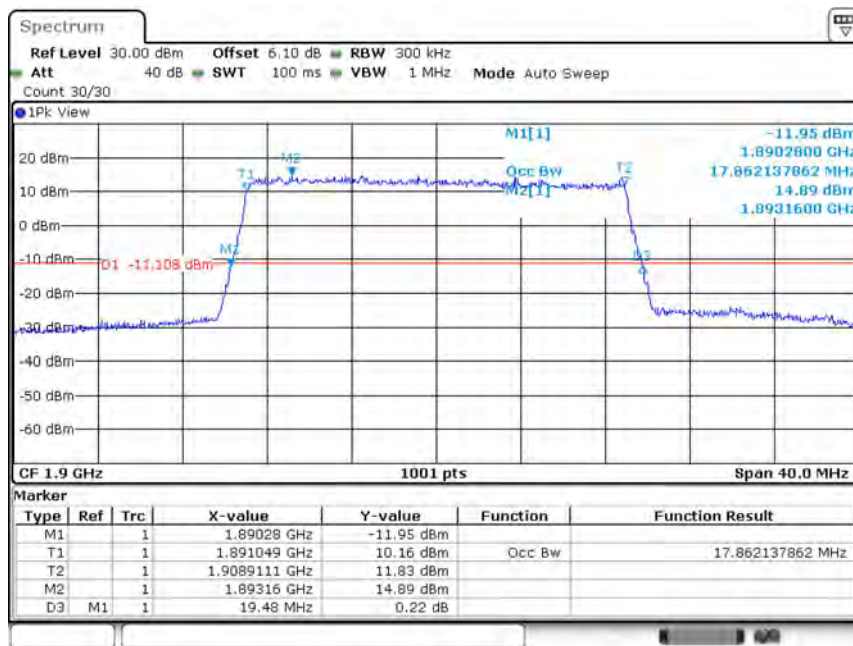
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date 12 AUG 2020 22:37:30

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



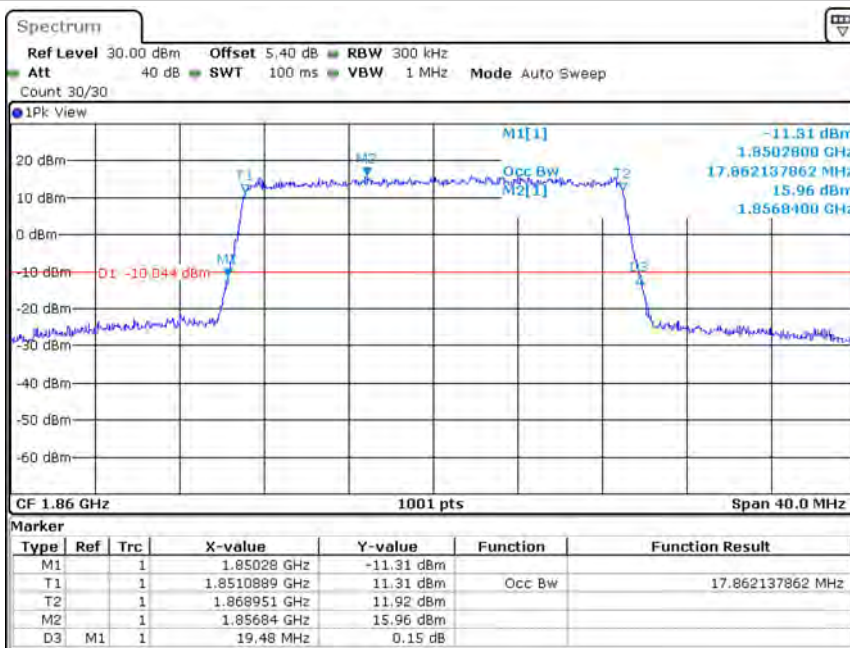
Date 12 AUG 2020 22:37:49



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-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.

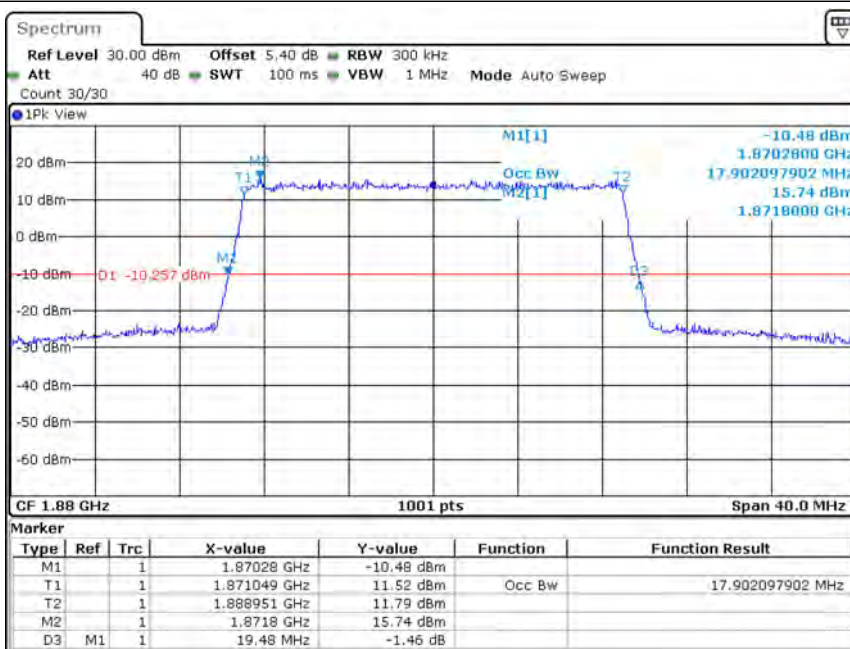


Band2-20MHz-64QAM-18700-100RB#0-17.862



Date: 28.AUG 2020 16:01:11

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



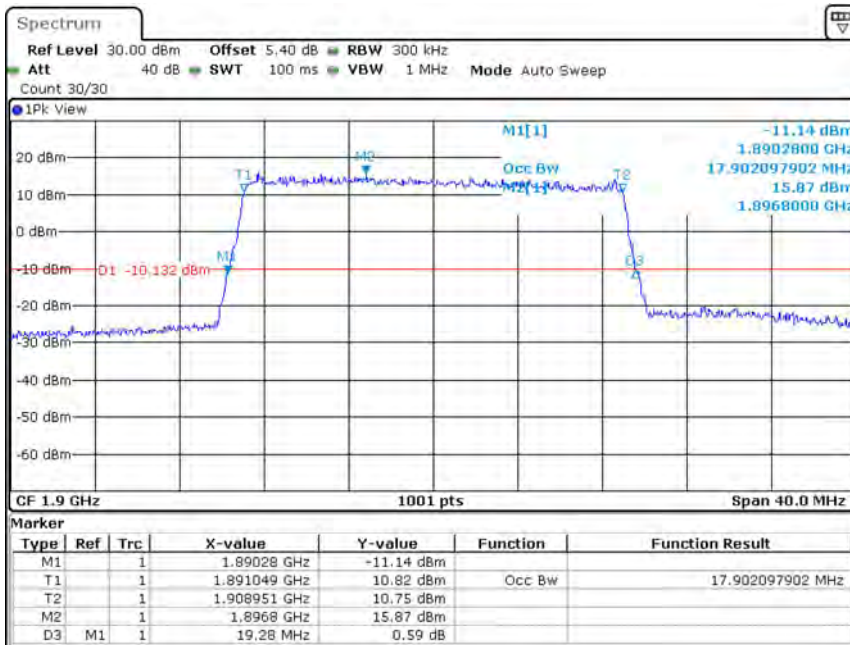
Date: 28.AUG 2020 16:01:24



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-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.

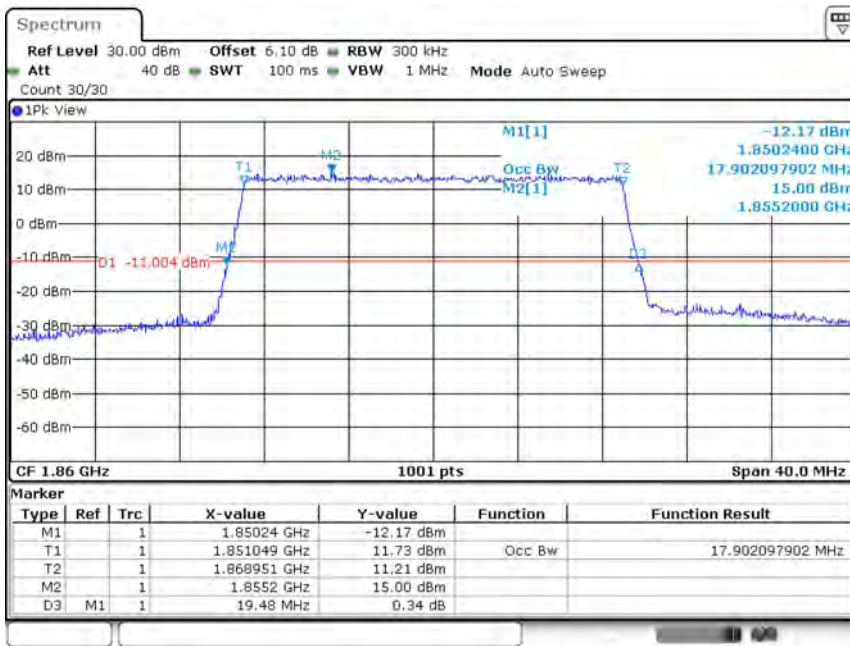


Band2-20MHz-64QAM-19100-100RB#0-17.902



Date: 28 AUG 2020 16:01:37

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



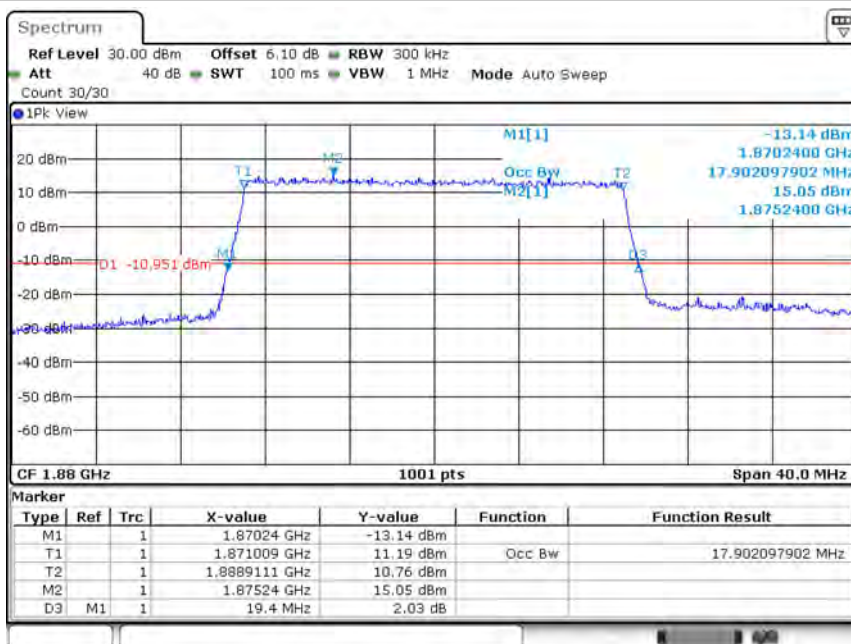
Date: 12 AUG 2020 22:37:20



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

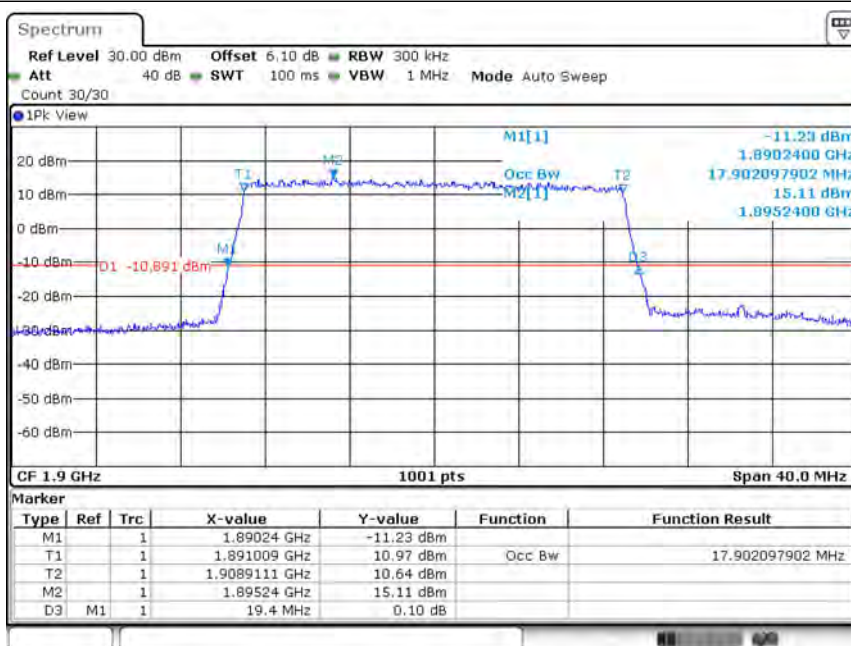


Band2-20MHz-16QAM-18900-100RB#0-17.902



Date 12 AUG 2020 22:37:39

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



Date 12 AUG 2020 22:37:59



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-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.



5. Band Edge Compliance

5.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-25.75	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-27.13	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-27.15	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-27.66	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	-23.47	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	-25.49	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	-22.90	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	-25.19	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-25.38	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-26.47	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-26.63	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-27.58	PASS
Band2	3MHz	QPSK	18615	1RB#0	-25.16	PASS
Band2	3MHz	QPSK	18615	15RB#0	-30.17	PASS
Band2	3MHz	QPSK	19185	1RB#14	-26.16	PASS
Band2	3MHz	QPSK	19185	15RB#0	-29.86	PASS
Band2	3MHz	64QAM	18615	1RB#0	-22.85	PASS
Band2	3MHz	64QAM	18615	15RB#0	-28.57	PASS
Band2	3MHz	64QAM	19185	1RB#14	-22.20	PASS
Band2	3MHz	64QAM	19185	15RB#0	-27.69	PASS
Band2	3MHz	16QAM	18615	1RB#0	-24.14	PASS
Band2	3MHz	16QAM	18615	15RB#0	-30.21	PASS
Band2	3MHz	16QAM	19185	1RB#14	-26.26	PASS
Band2	3MHz	16QAM	19185	15RB#0	-30.19	PASS
Band2	5MHz	QPSK	18625	1RB#0	-24.74	PASS
Band2	5MHz	QPSK	18625	25RB#0	-31.55	PASS
Band2	5MHz	QPSK	19175	1RB#24	-26.28	PASS
Band2	5MHz	QPSK	19175	25RB#0	-31.96	PASS
Band2	5MHz	64QAM	18625	1RB#0	-22.50	PASS
Band2	5MHz	64QAM	18625	25RB#0	-29.46	PASS
Band2	5MHz	64QAM	19175	1RB#24	-23.03	PASS
Band2	5MHz	64QAM	19175	25RB#0	-29.62	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.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band2	5MHz	16QAM	18625	1RB#0	-24.27	PASS
Band2	5MHz	16QAM	18625	25RB#0	-30.80	PASS
Band2	5MHz	16QAM	19175	1RB#24	-25.41	PASS
Band2	5MHz	16QAM	19175	25RB#0	-31.23	PASS
Band2	10MHz	QPSK	18650	1RB#0	-34.04	PASS
Band2	10MHz	QPSK	18650	50RB#0	-35.09	PASS
Band2	10MHz	QPSK	19150	1RB#49	-35.36	PASS
Band2	10MHz	QPSK	19150	50RB#0	-34.84	PASS
Band2	10MHz	64QAM	18650	1RB#0	-32.00	PASS
Band2	10MHz	64QAM	18650	50RB#0	-32.41	PASS
Band2	10MHz	64QAM	19150	1RB#49	-33.52	PASS
Band2	10MHz	64QAM	19150	50RB#0	-31.69	PASS
Band2	10MHz	16QAM	18650	1RB#0	-33.31	PASS
Band2	10MHz	16QAM	18650	50RB#0	-35.34	PASS
Band2	10MHz	16QAM	19150	1RB#49	-35.58	PASS
Band2	10MHz	16QAM	19150	50RB#0	-34.28	PASS
Band2	15MHz	QPSK	18675	1RB#0	-28.90	PASS
Band2	15MHz	QPSK	18675	75RB#0	-35.45	PASS
Band2	15MHz	QPSK	19125	1RB#74	-29.42	PASS
Band2	15MHz	QPSK	19125	75RB#0	-33.46	PASS
Band2	15MHz	64QAM	18675	1RB#0	-26.03	PASS
Band2	15MHz	64QAM	18675	75RB#0	-32.77	PASS
Band2	15MHz	64QAM	19125	1RB#74	-27.06	PASS
Band2	15MHz	64QAM	19125	75RB#0	-31.10	PASS
Band2	15MHz	16QAM	18675	1RB#0	-28.72	PASS
Band2	15MHz	16QAM	18675	75RB#0	-36.26	PASS
Band2	15MHz	16QAM	19125	1RB#74	-28.37	PASS
Band2	15MHz	16QAM	19125	75RB#0	-33.52	PASS
Band2	20MHz	QPSK	18700	1RB#0	-30.24	PASS
Band2	20MHz	QPSK	18700	100RB#0	-36.71	PASS
Band2	20MHz	QPSK	19100	1RB#99	-31.51	PASS
Band2	20MHz	QPSK	19100	100RB#0	-34.32	PASS
Band2	20MHz	64QAM	18700	1RB#0	-27.91	PASS
Band2	20MHz	64QAM	18700	100RB#0	-32.21	PASS
Band2	20MHz	64QAM	19100	1RB#99	-29.41	PASS
Band2	20MHz	64QAM	19100	100RB#0	-31.81	PASS
Band2	20MHz	16QAM	18700	1RB#0	-29.20	PASS
Band2	20MHz	16QAM	18700	100RB#0	-37.02	PASS



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

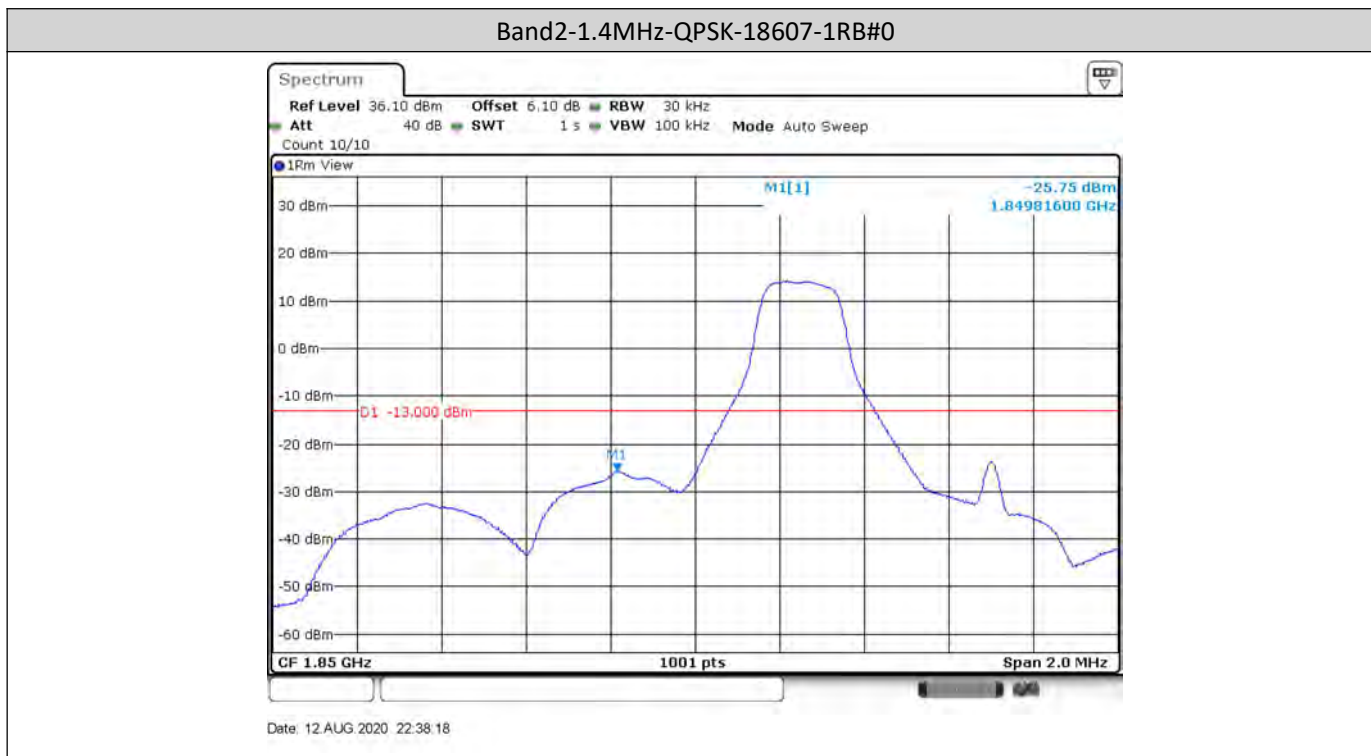
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Band2	20MHz	16QAM	19100	1RB#99	-31.97	PASS
Band2	20MHz	16QAM	19100	100RB#0	-34.25	PASS

5.2. 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



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



Date: 12 AUG 2020 22:40:40

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



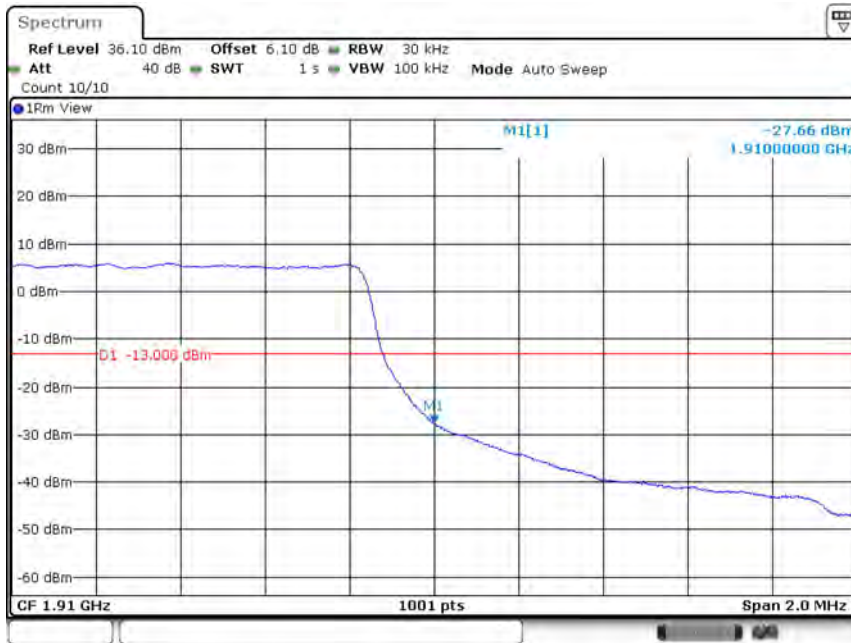
Date: 12 AUG 2020 22:39:29



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: 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: 12 AUG 2020 22:41:15

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



Date: 28 AUG 2020 16:02:07



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-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.



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



Date: 28.AUG.2020 16:03:42

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



Date: 28.AUG.2020 16:02:53



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.



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



Date: 28.AUG.2020 16:04:03

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



Date: 12.AUG.2020 22:38:36



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-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



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



Date: 12 AUG 2020 22:40:58

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



Date: 12 AUG 2020 22:39:47



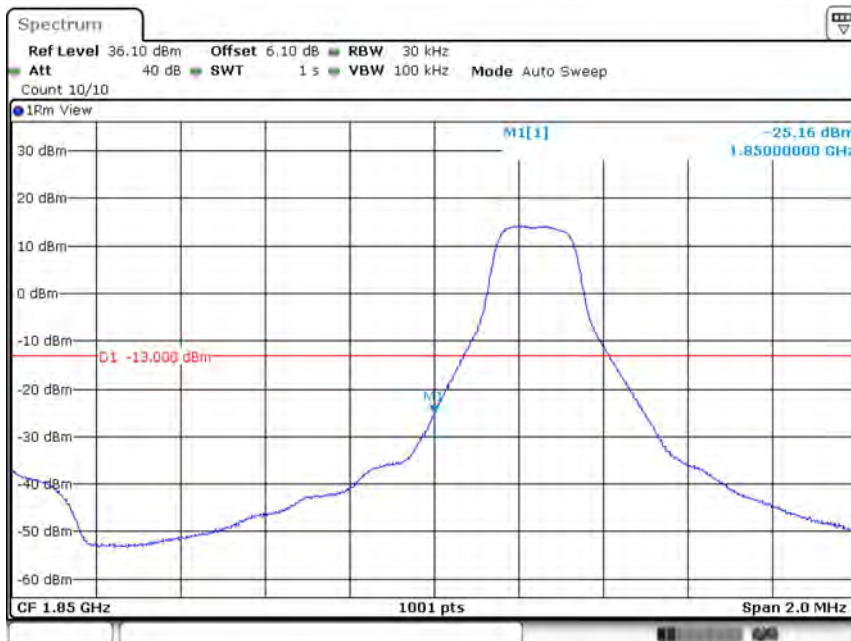
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 12 AUG 2020 22:41:33

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



Date: 12 AUG 2020 22:41:53



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.

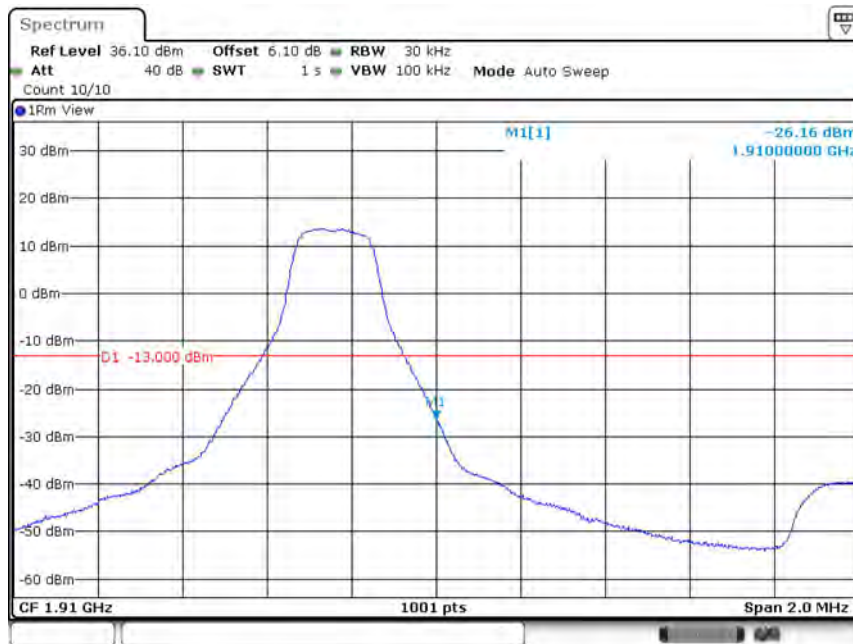


Band2-3MHz-QPSK-18615-15RB#0



Date: 12 AUG 2020 22:44:16

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



Date: 12 AUG 2020 22:43:04



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) 8307 1443, or email: CN.Doccheck@sgs.com

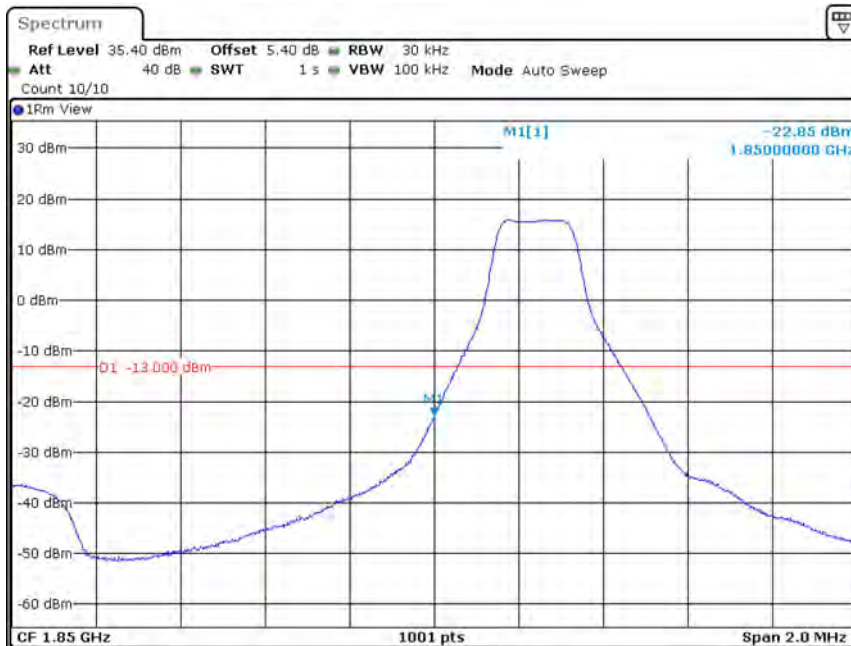


Band2-3MHz-QPSK-19185-15RB#0



Date: 12.AUG.2020 22:44:51

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



Date: 28.AUG.2020 16:04:33



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

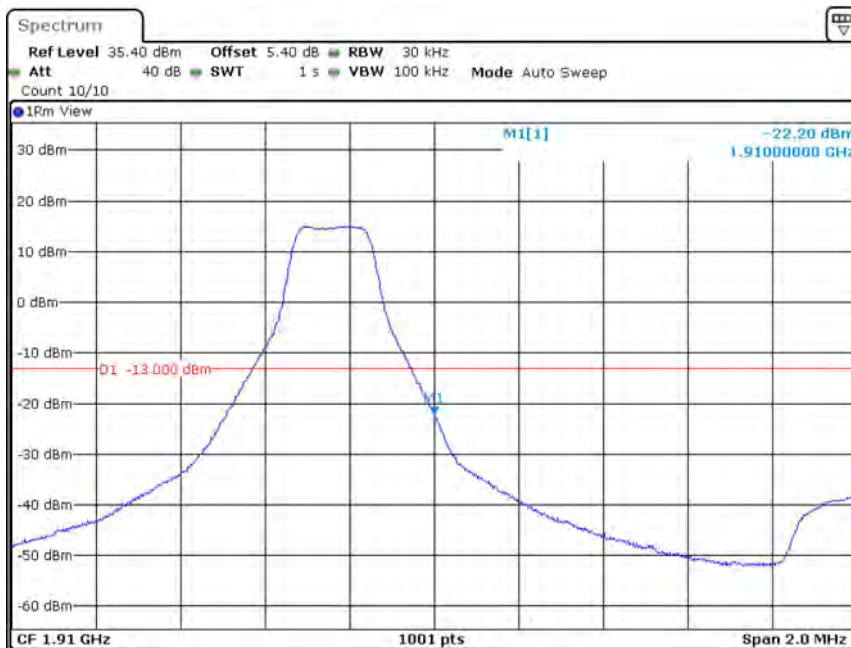


Band2-3MHz-64QAM-18615-15RB#0



Date: 28.AUG.2020 16:06:17

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



Date: 28.AUG.2020 16:05:26



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.



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



Date: 28.AUG.2020 16:06:38

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



Date: 12.AUG.2020 22:42:10



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-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.

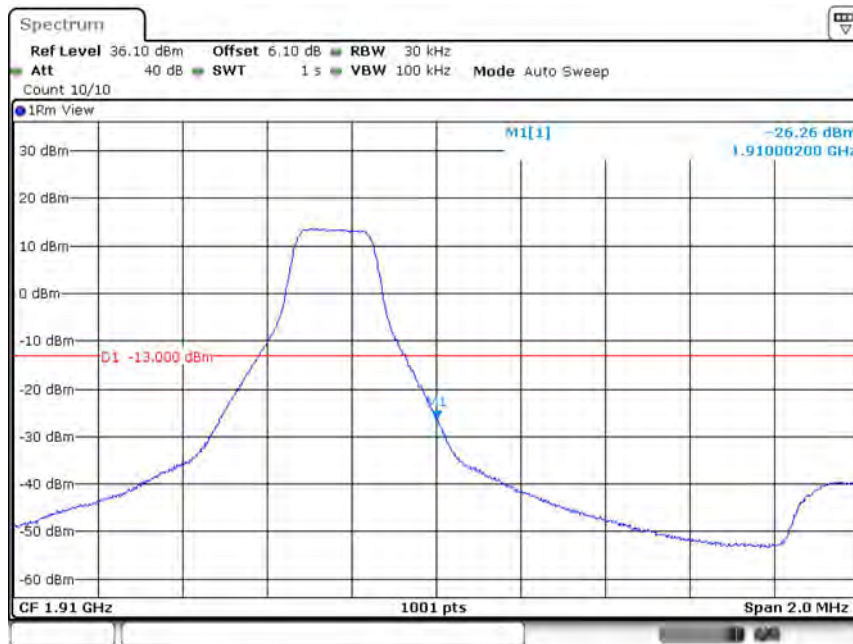
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Date: 12 AUG 2020 22:44:33

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



Date: 12 AUG 2020 22:43:22



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

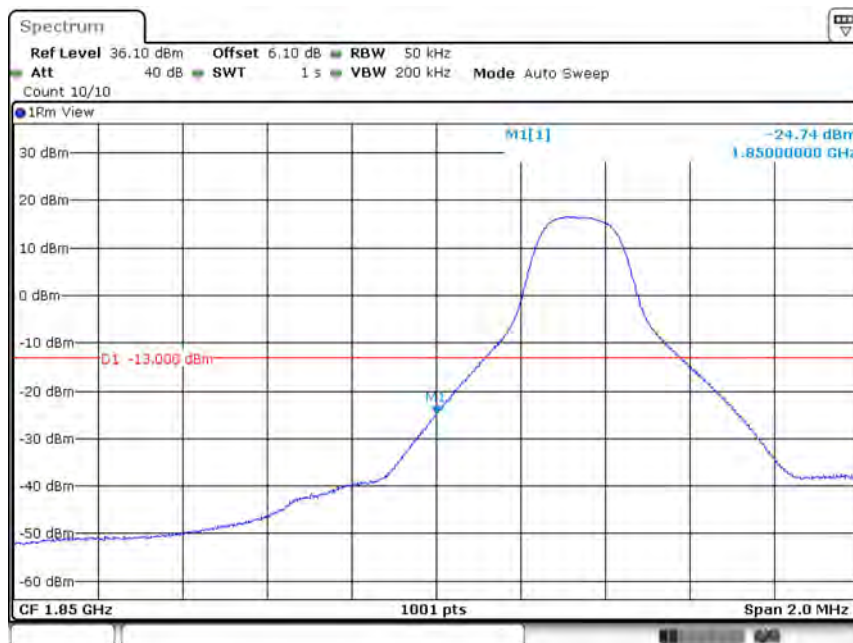


Band2-3MHz-16QAM-19185-15RB#0



Date: 12 AUG 2020 22:45:09

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



Date: 12 AUG 2020 22:45:28



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.

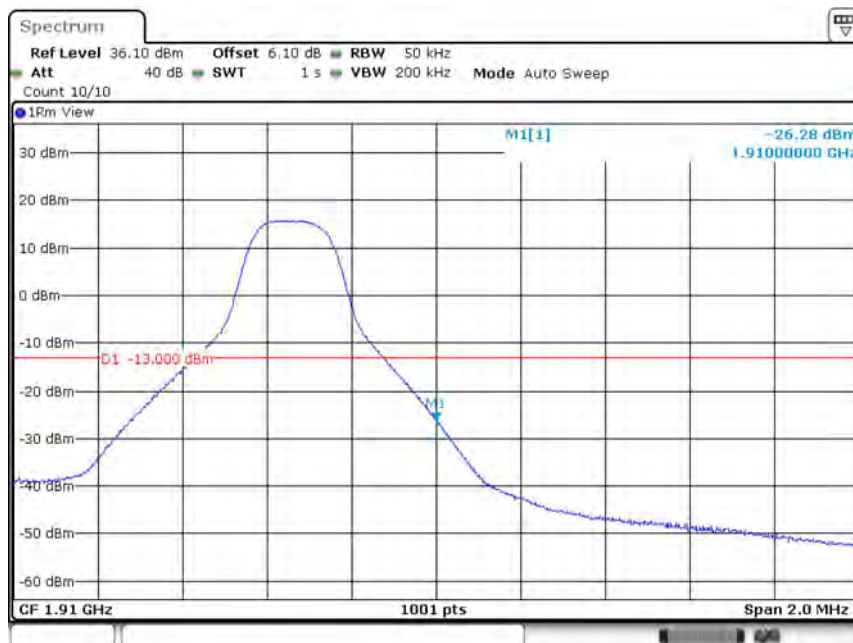


Band2-5MHz-QPSK-18625-25RB#0



Date: 12 AUG 2020 22:47:51

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



Date: 12 AUG 2020 22:46:39



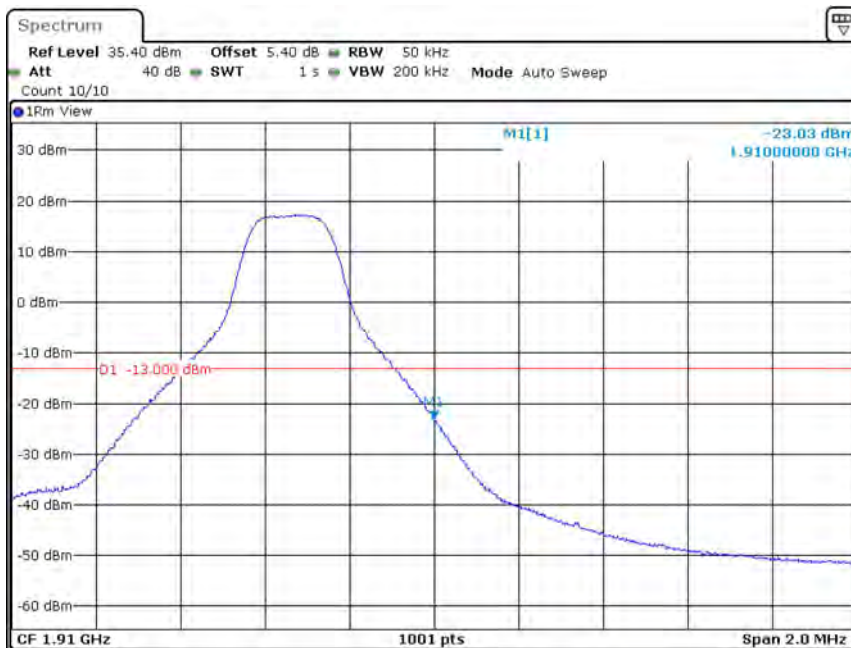
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 28.AUG.2020 16:08:39

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



Date: 28.AUG.2020 16:07:52



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.



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



Date: 28.AUG.2020 16:08:59

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



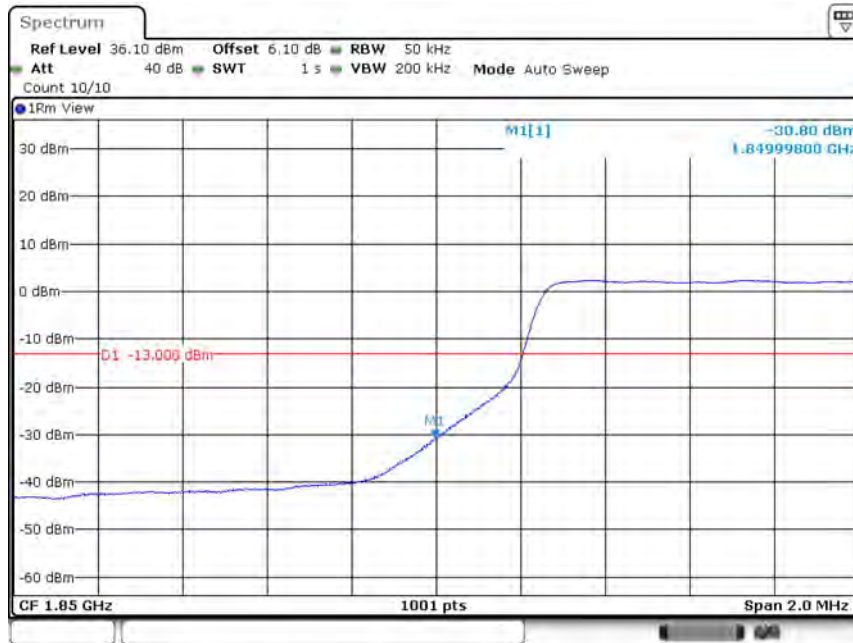
Date: 12.AUG.2020 22:45:46



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

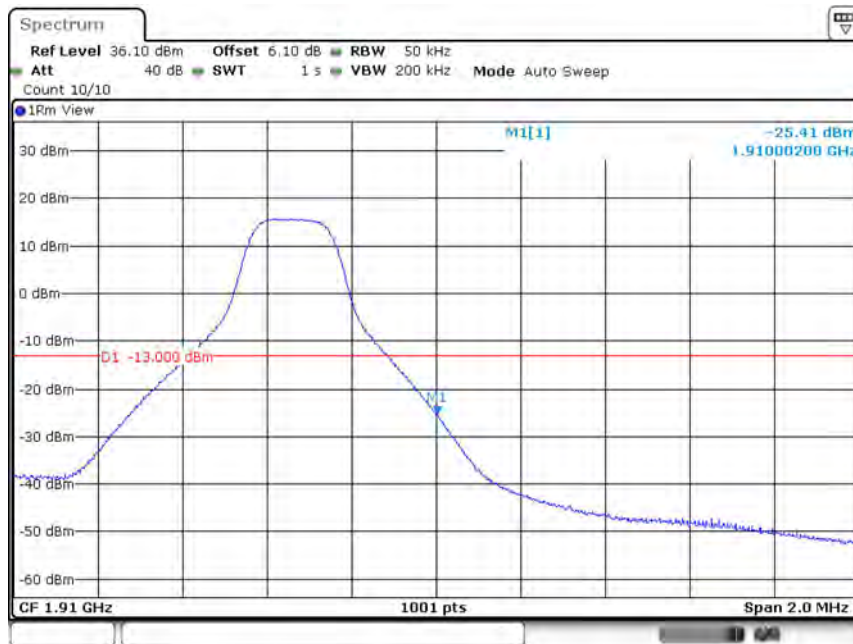


Band2-5MHz-16QAM-18625-25RB#0



Date: 12 AUG 2020 22:48:08

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



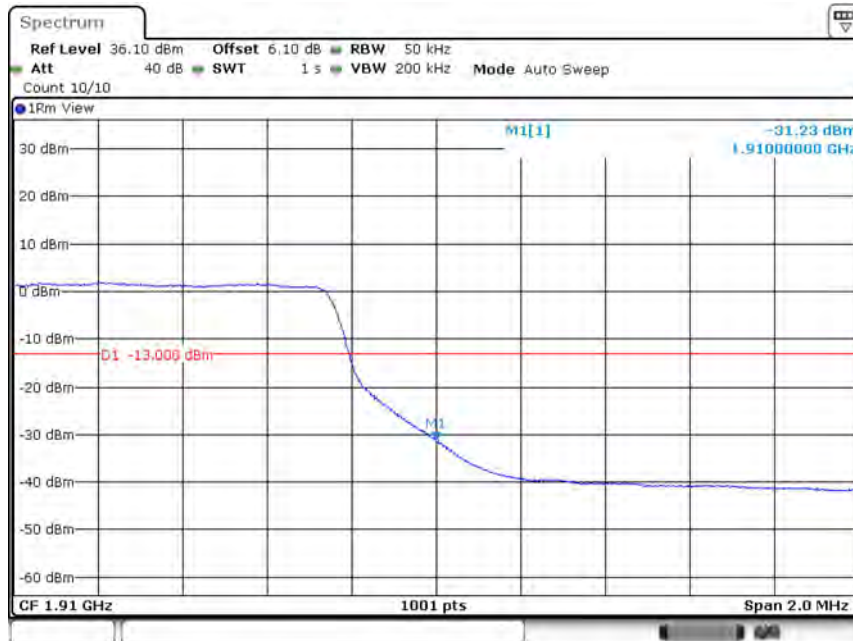
Date: 12 AUG 2020 22:46:57



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-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



Date: 12 AUG 2020 22:48:44

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



Date: 12 AUG 2020 22:49:03



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

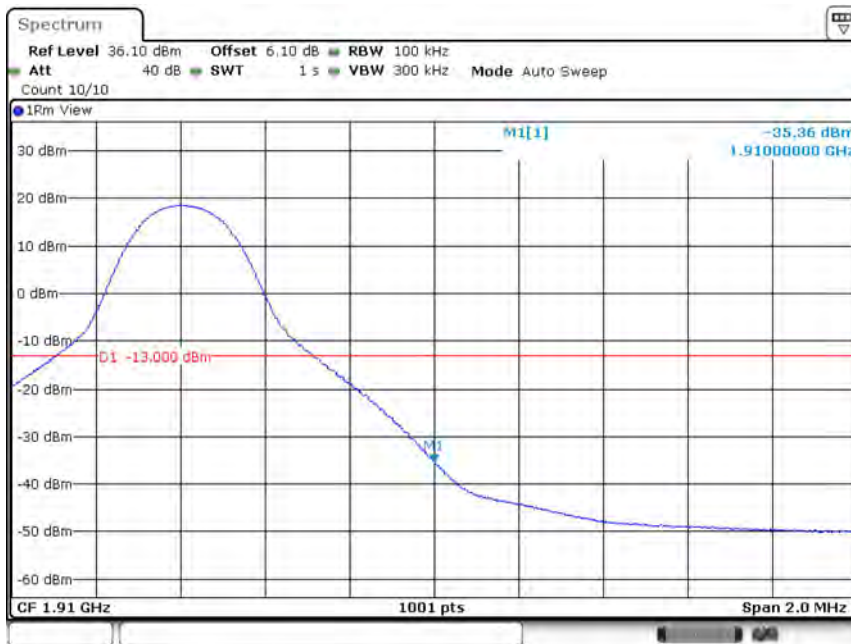


Band2-10MHz-QPSK-18650-50RB#0



Date: 12 AUG 2020 22:51:26

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



Date: 12 AUG 2020 22:50:14



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



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



Date: 12 AUG 2020 22:52:01

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



Date: 28 AUG 2020 16:09:27



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.



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



Date: 28.AUG.2020 16:11:00

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



Date: 28.AUG.2020 16:10:14



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



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



Date: 28.AUG.2020 16:11:21

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



Date: 12.AUG.2020 22:49:20



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

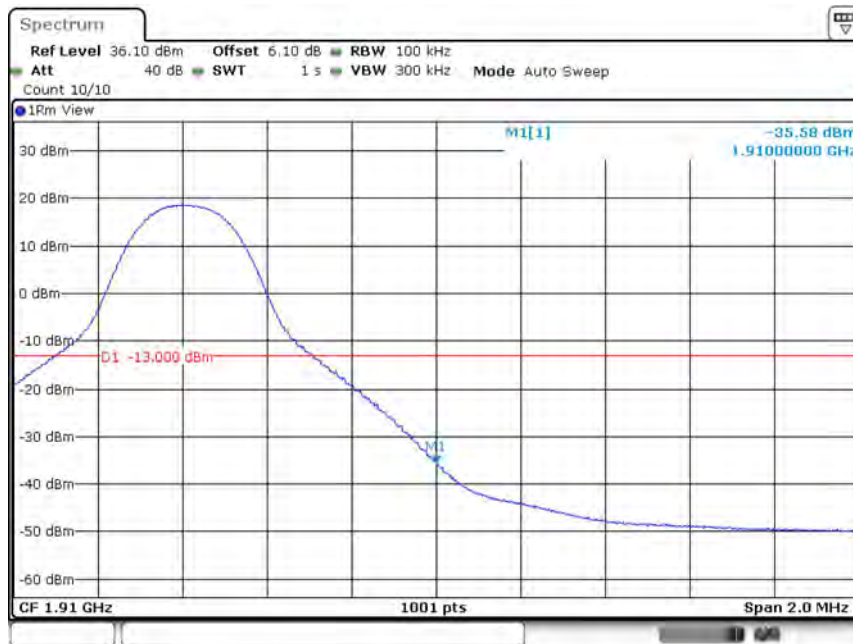


Band2-10MHz-16QAM-18650-50RB#0



Date: 12 AUG 2020 22:51:43

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



Date: 12 AUG 2020 22:50:32



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-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-16QAM-19150-50RB#0



Date: 12 AUG 2020 22:52:18

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



Date: 12 AUG 2020 22:52:38



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



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



Date: 12 AUG 2020 22:55:00

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



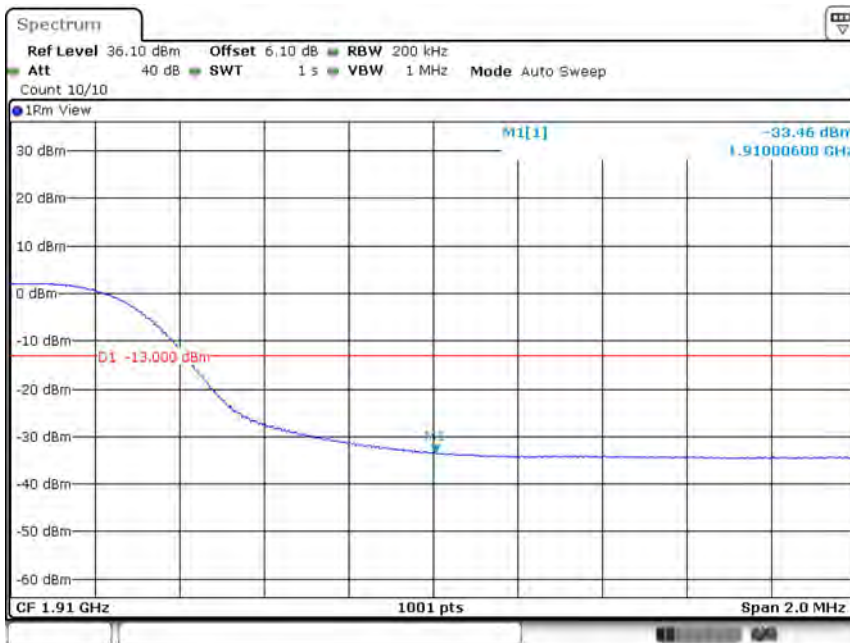
Date: 12 AUG 2020 22:53:48



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



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



Date: 12 AUG 2020 22:55:35

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



Date: 28 AUG 2020 16:11:48



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



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



Date: 28.AUG.2020 16:13:22

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



Date: 28.AUG.2020 16:12:35



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

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

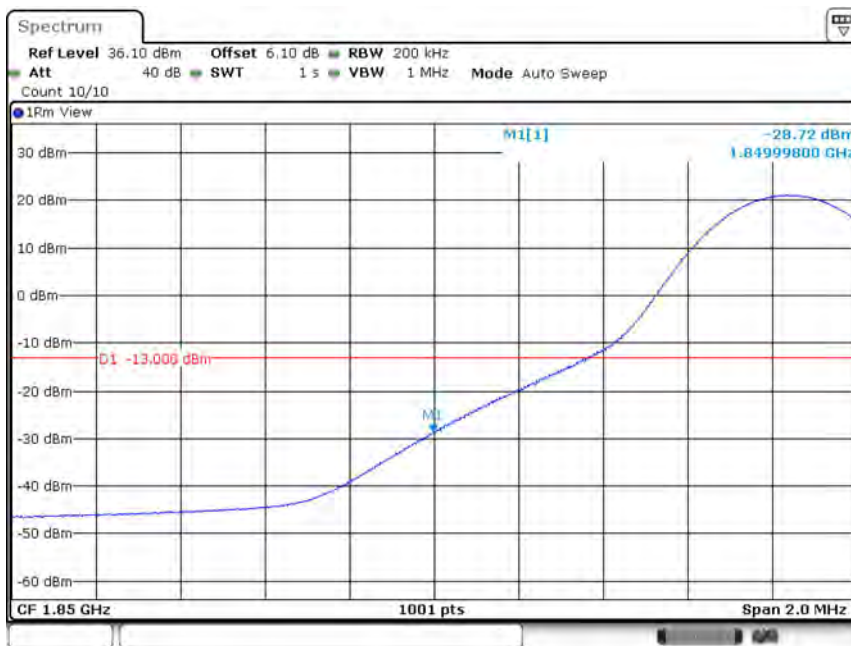


Band2-15MHz-64QAM-19125-75RB#0



Date: 28 AUG 2020 16:13:42

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



Date: 12 AUG 2020 22:52:55



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) 8307 1443, or email: CN.Doccheck@sgs.com

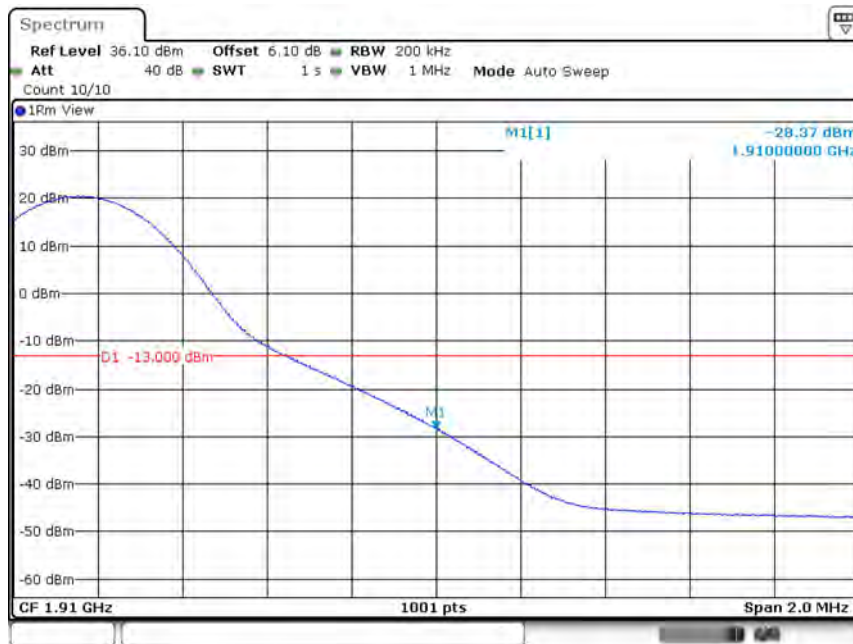


Band2-15MHz-16QAM-18675-75RB#0



Date: 12 AUG 2020 22:55:17

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



Date: 12 AUG 2020 22:54:06



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



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



Date: 12 AUG 2020 22:55:52

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



Date: 12 AUG 2020 22:56:12



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

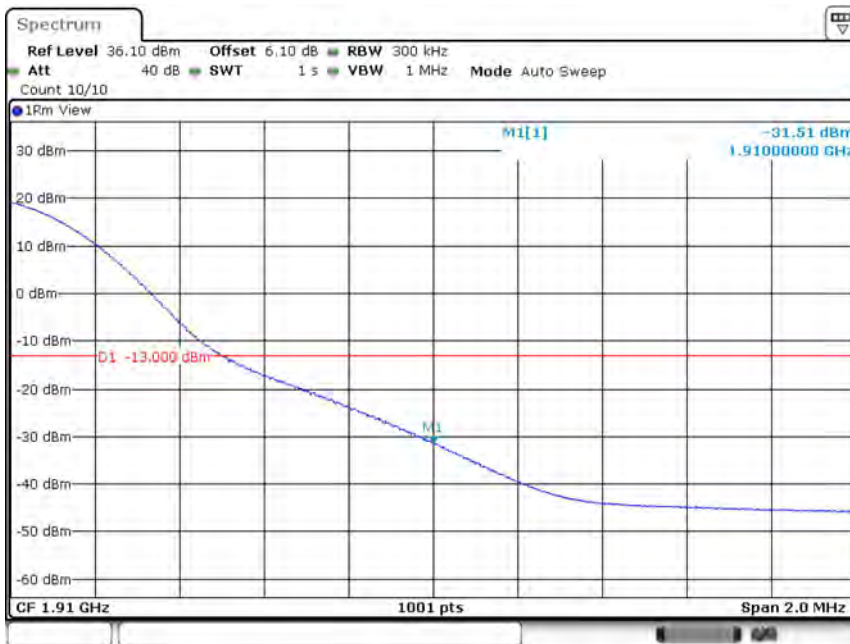


Band2-20MHz-QPSK-18700-100RB#0



Date: 12 AUG 2020 22:58:34

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



Date: 12 AUG 2020 22:57:23

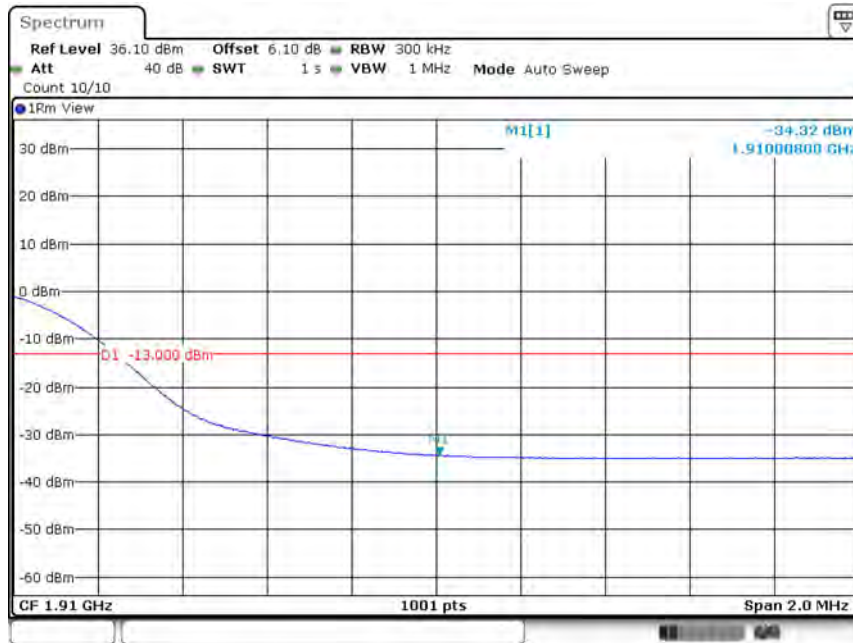


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: 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: 12.AUG.2020 22:59:09

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



Date: 28.AUG.2020 16:14:11



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



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



Date: 28.AUG.2020 16:15:44

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



Date: 28.AUG.2020 16:14:58



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

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

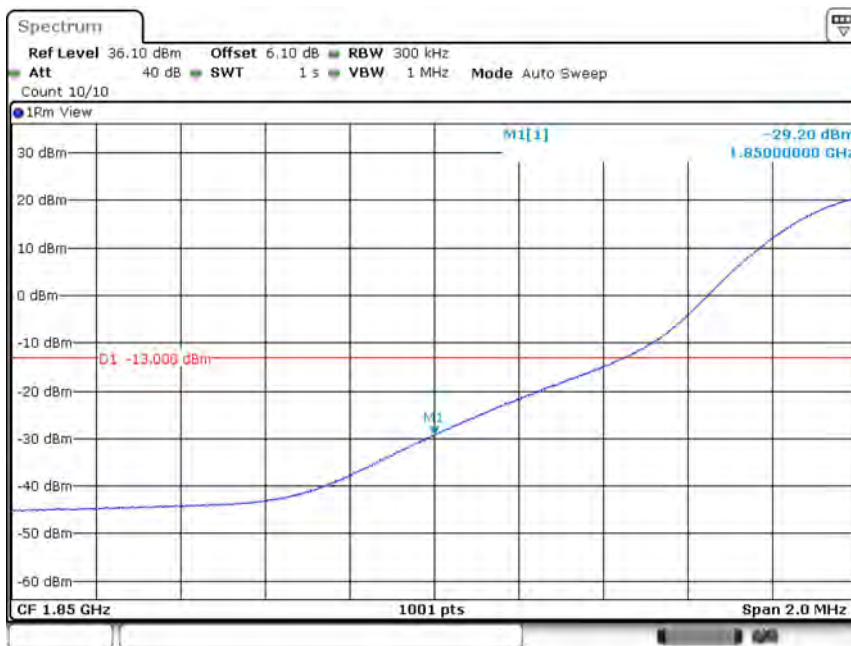


Band2-20MHz-64QAM-19100-100RB#0



Date: 28.AUG 2020 16:16:05

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



Date: 12.AUG 2020 22:56:29



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

Attention: 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: 12 AUG 2020 22:58:51

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



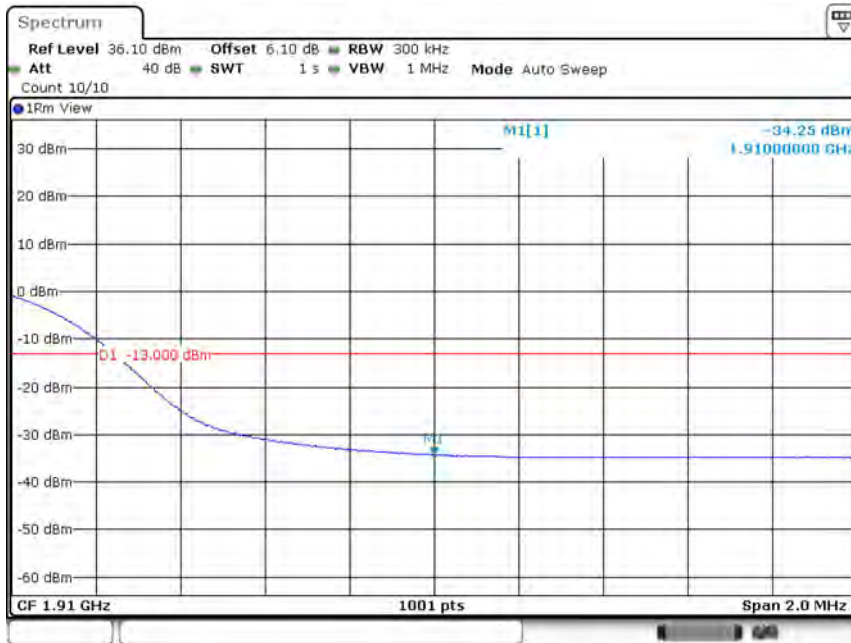
Date: 12 AUG 2020 22:57:40



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.



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



Date 12 AUG 2020 22:59:27



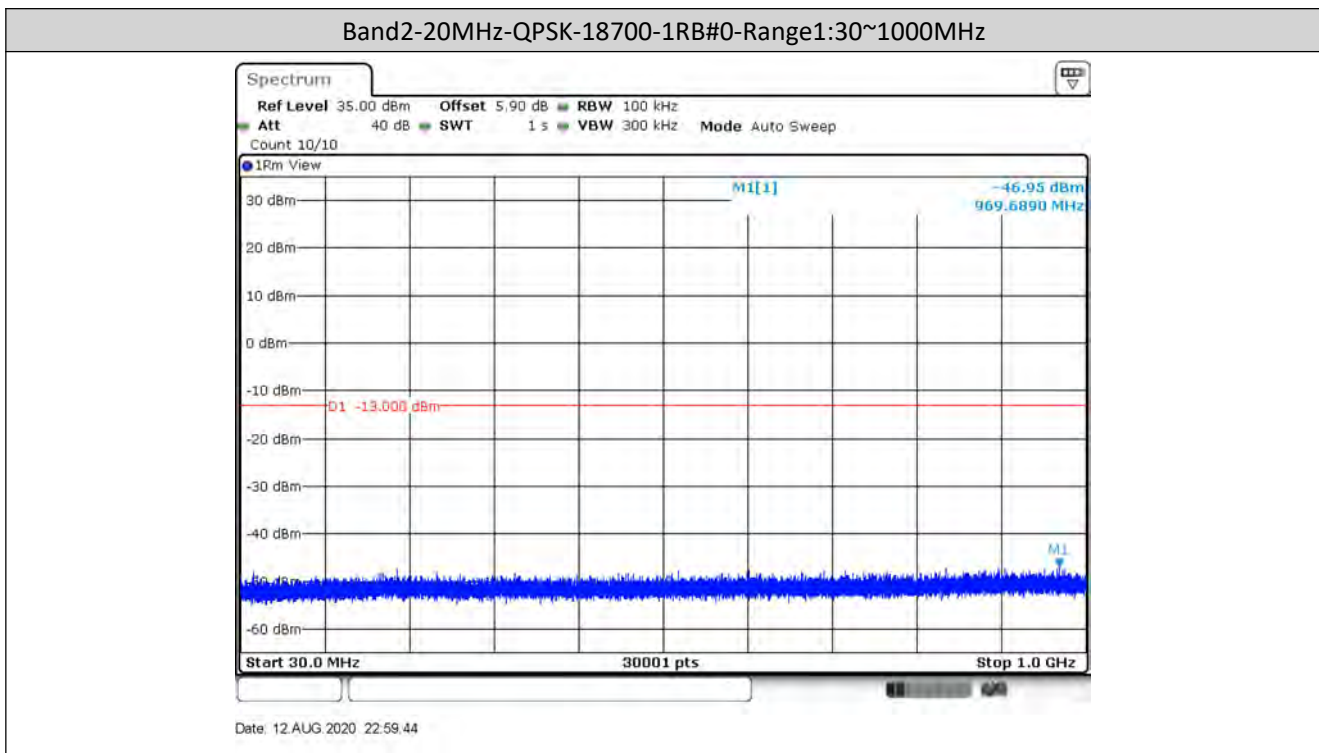
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

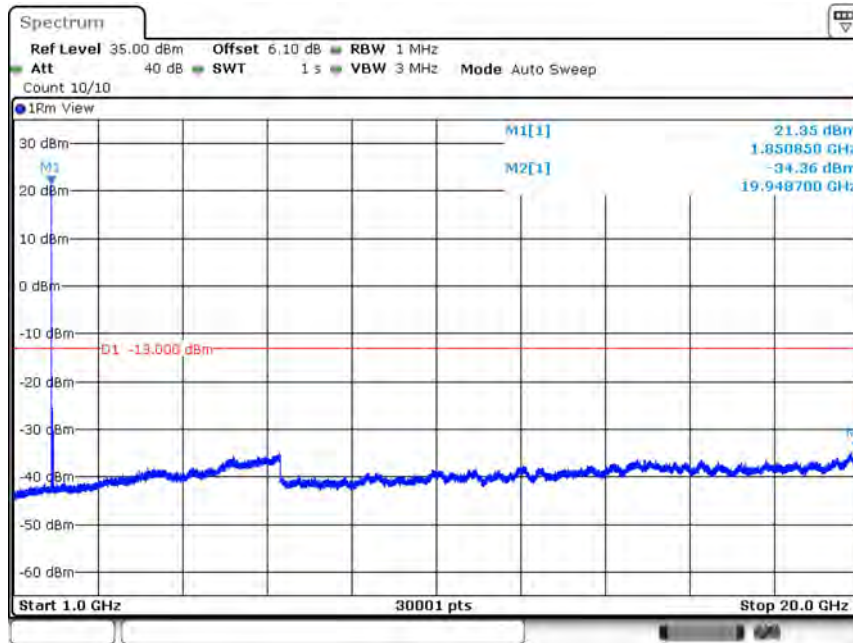
6.1. Test Plots



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

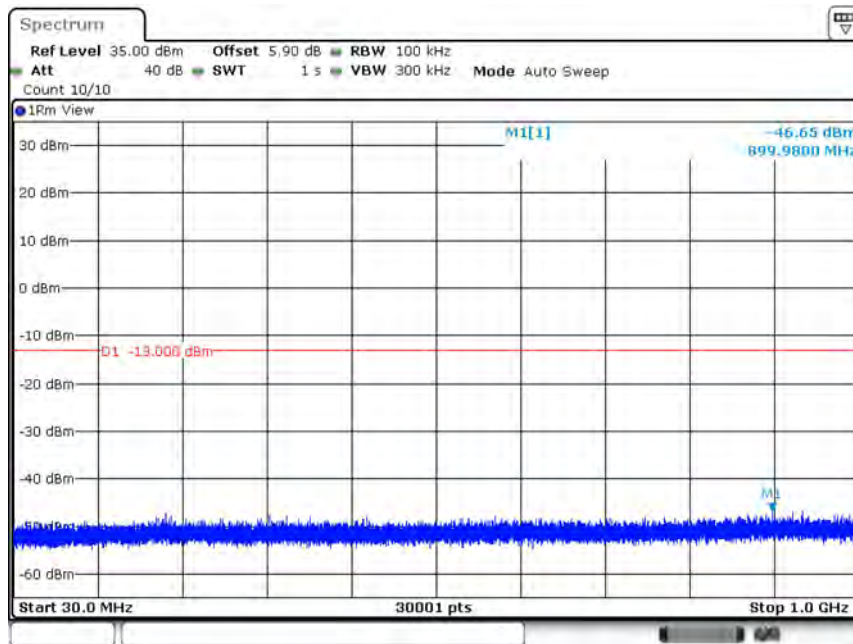
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Date: 12.AUG.2020 23:00:00

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

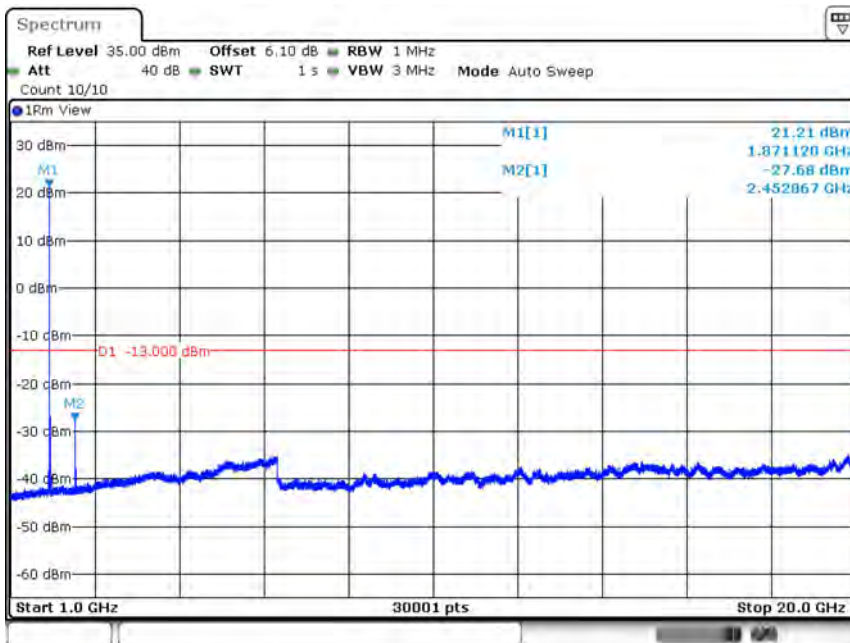


Date: 12.AUG.2020 23:00:48



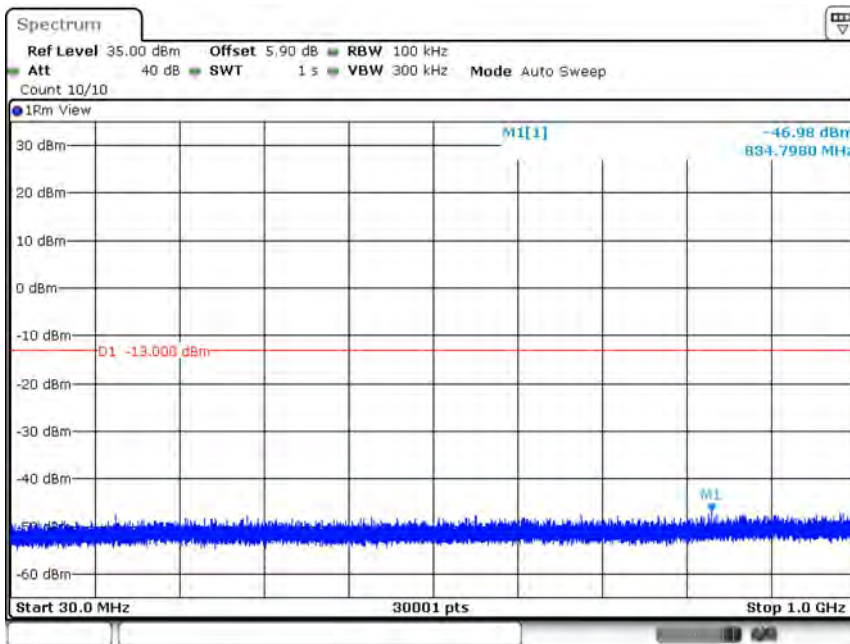
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 12.AUG.2020 23.01.04

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

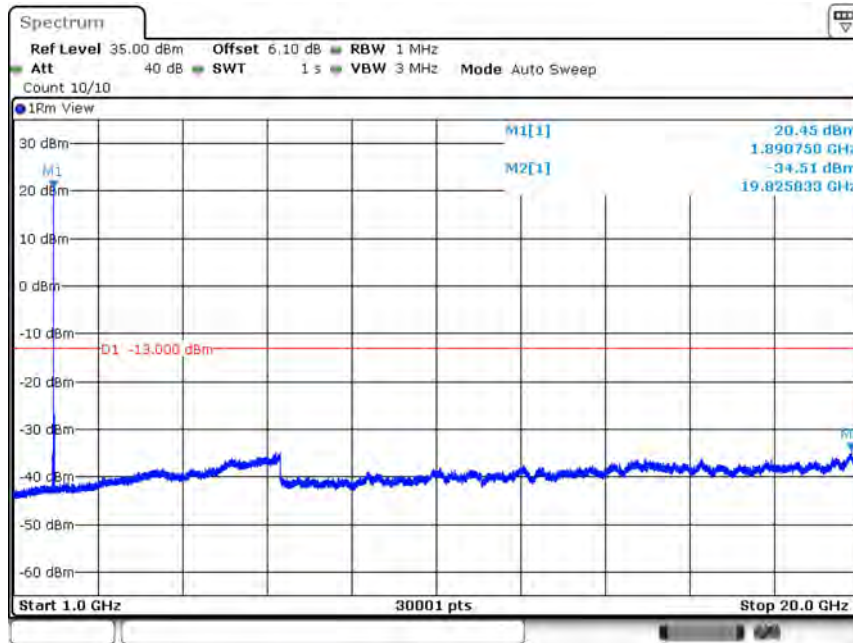


Date: 12.AUG.2020 23.01.52



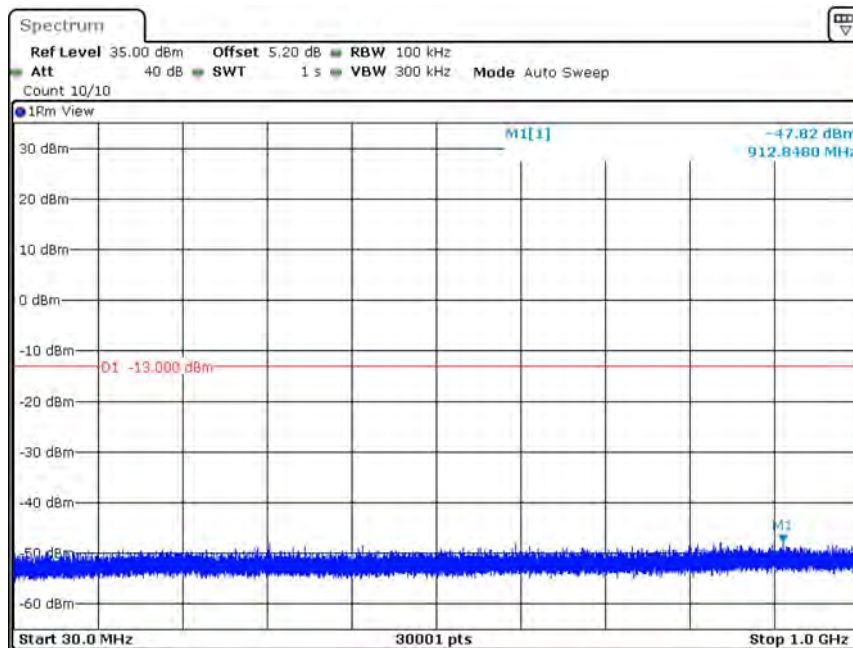
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 12 AUG 2020 23:02:08

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



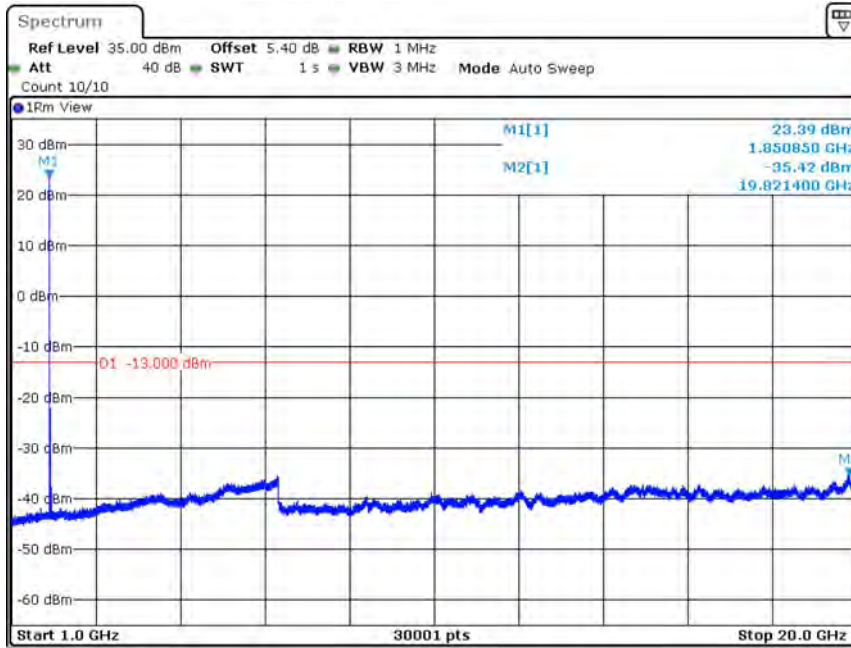
Date: 28 AUG 2020 16:16:29



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

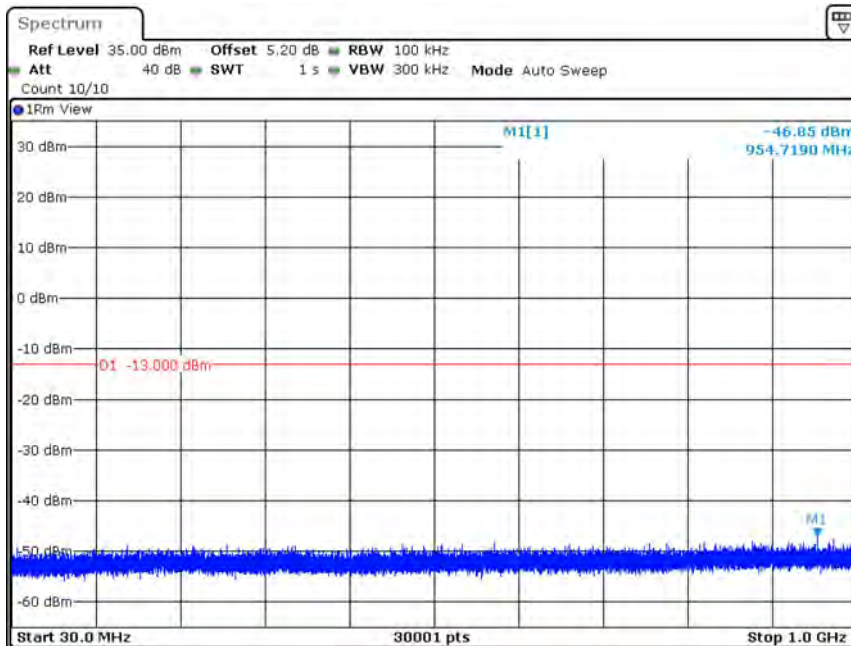
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Date: 28.AUG.2020 16:16:45

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



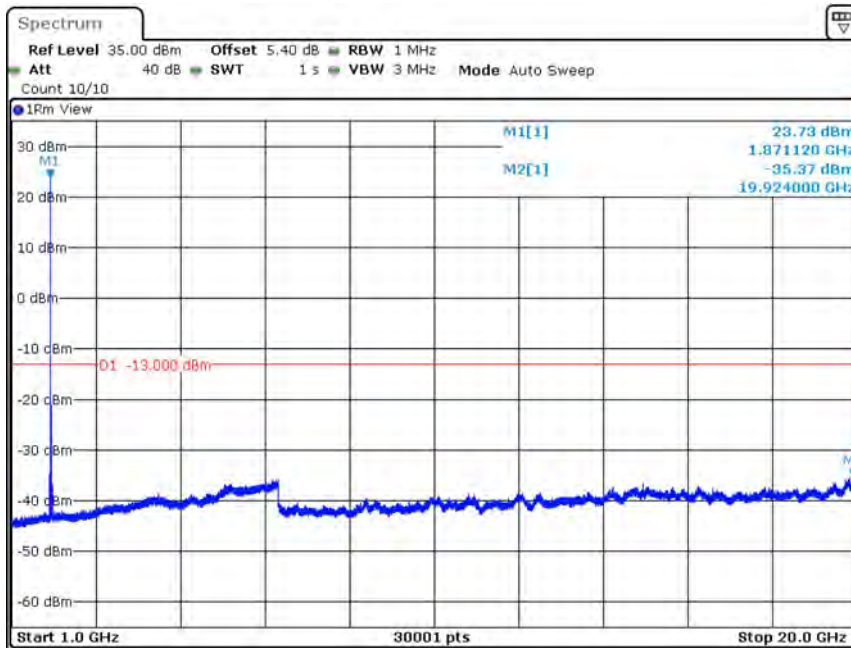
Date: 28.AUG.2020 16:17:05



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

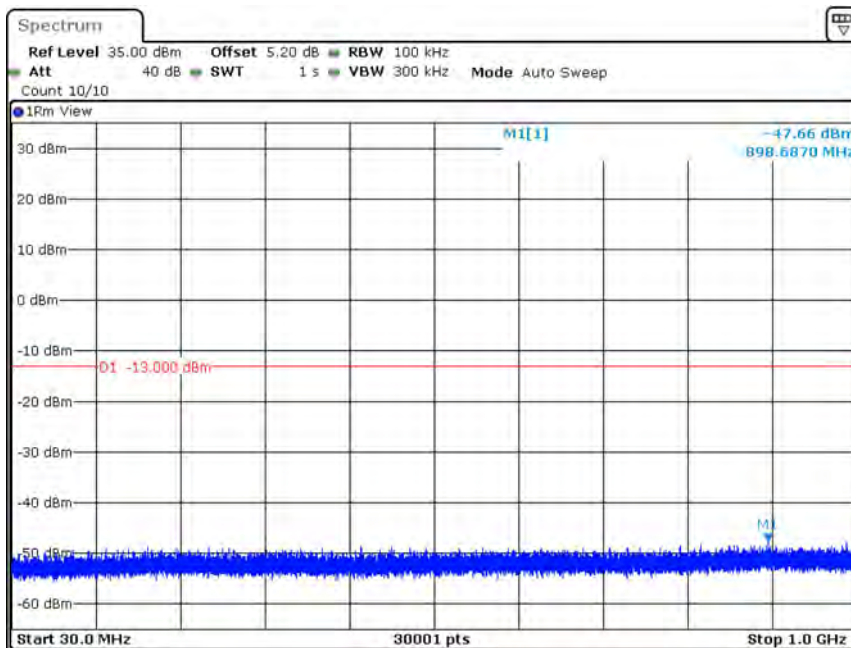
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Date: 28.AUG.2020 16:17:21

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



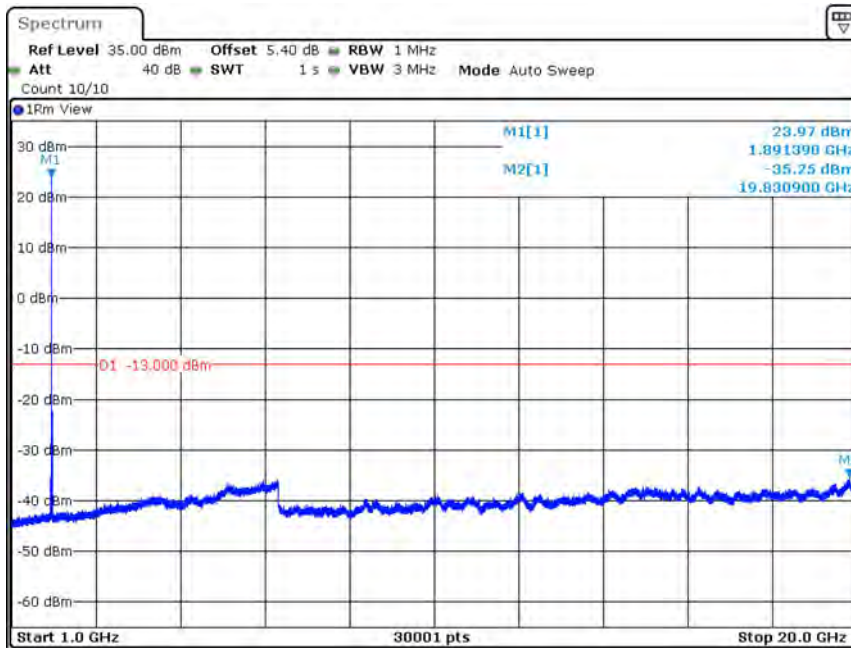
Date: 28.AUG.2020 16:17:40



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.

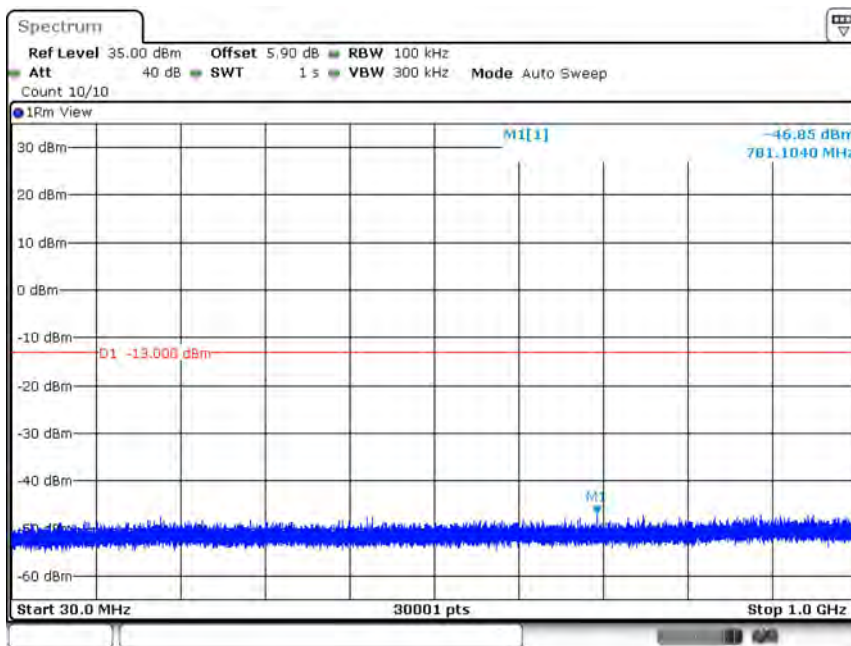
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Date: 28.AUG.2020 16:17:56

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



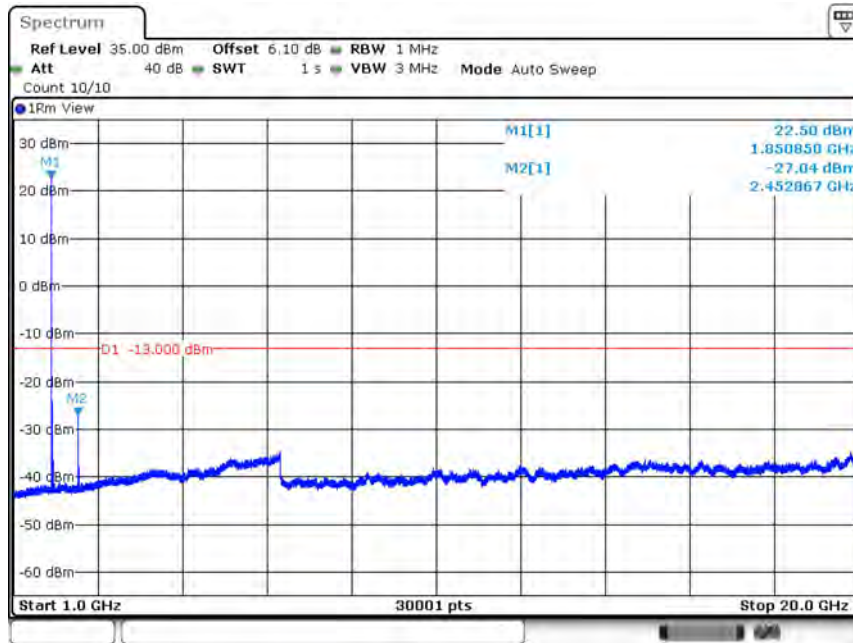
Date: 12.AUG.2020 23:00:15



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.

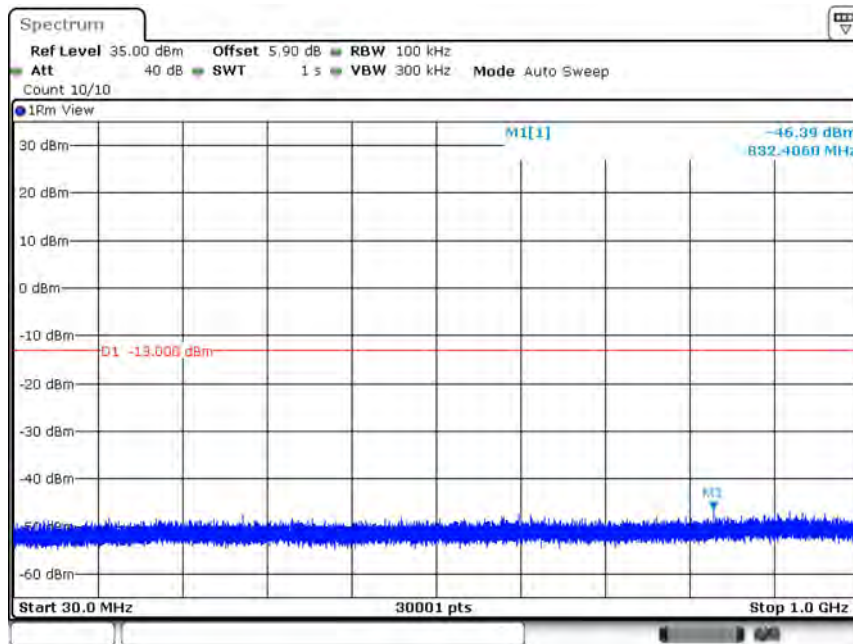
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Date: 12.AUG.2020 23.00.32

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

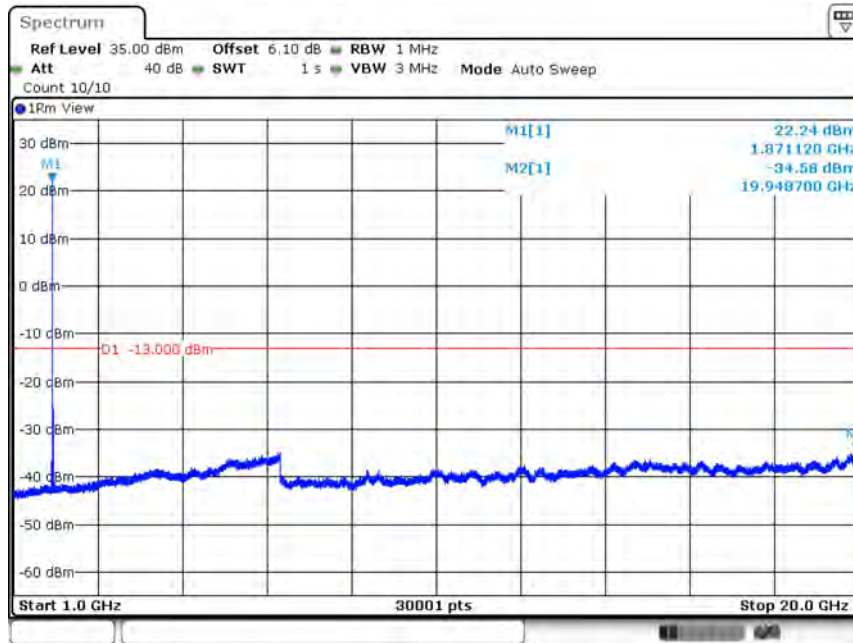


Date: 12.AUG.2020 23.01.20



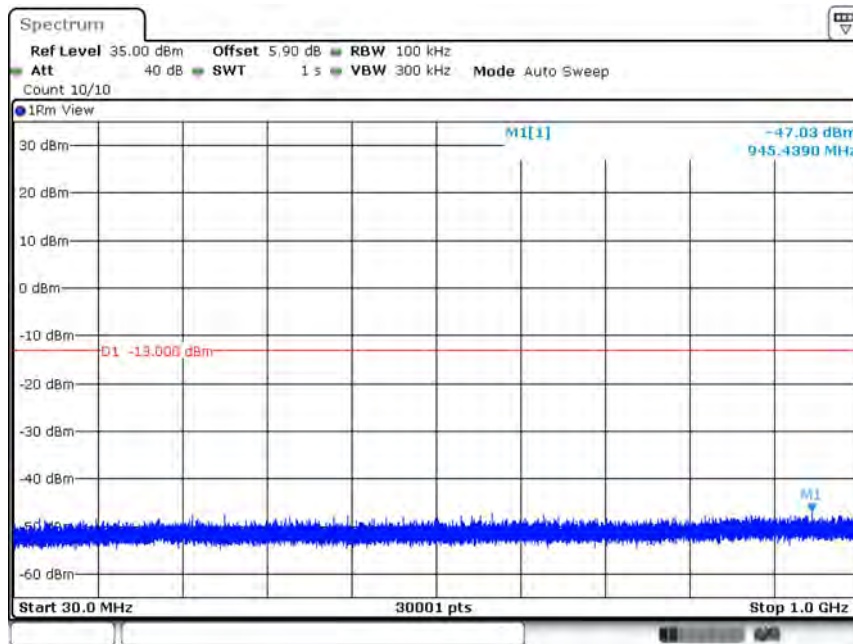
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



Date: 12.AUG.2020 23:01:36

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



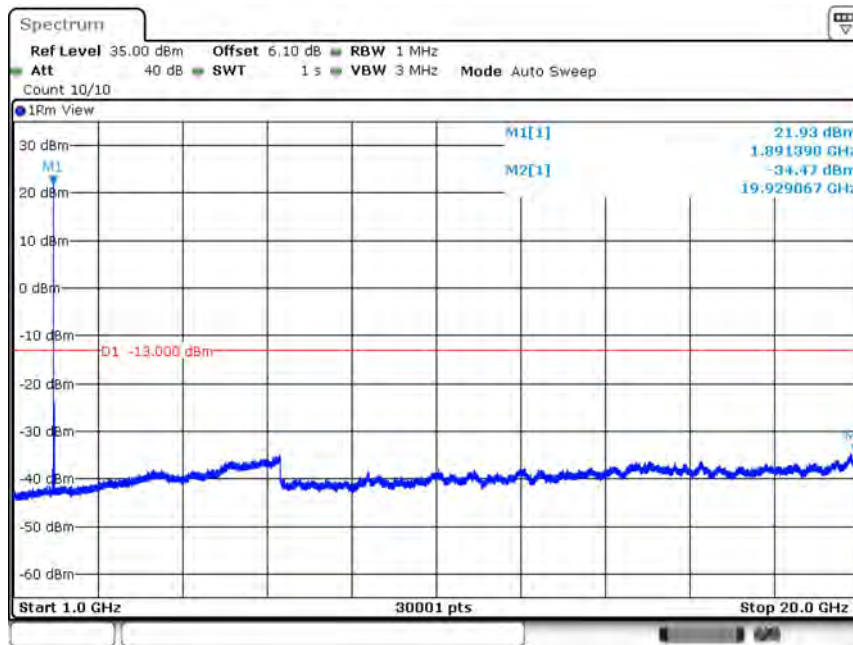
Date: 12.AUG.2020 23:02:24



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



Date: 12 AUG 2020 23:02:40



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



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)	Polarization
48.8674	-68.91	-13.00	55.91	Vertical
113.4727	-64.98	-13.00	51.98	Vertical
612.2231	-64.35	-13.00	51.35	Vertical
5528.0843	-61.81	-13.00	48.81	Vertical
9888.7296	-51.98	-13.00	38.98	Vertical
17995.9999	-39.63	-13.00	26.63	Vertical
42.1256	-64.27	-13.00	51.27	Horizontal
165.7583	-73.00	-13.00	60.00	Horizontal
238.1724	-68.08	-13.00	55.08	Horizontal
3702.0234	-55.59	-13.00	42.59	Horizontal
7912.1637	-55.81	-13.00	42.81	Horizontal
16387.9463	-43.10	-13.00	30.10	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
48.8189	-69.48	-13.00	56.48	Vertical
109.1075	-65.48	-13.00	52.48	Vertical
354.2387	-68.14	-13.00	55.14	Vertical
3742.5248	-61.58	-13.00	48.58	Vertical
7357.6453	-55.96	-13.00	42.96	Vertical
17999.0000	-40.18	-13.00	27.18	Vertical
39.9430	-64.53	-13.00	51.53	Horizontal
99.1160	-75.55	-13.00	62.55	Horizontal
235.6018	-68.26	-13.00	55.26	Horizontal
3742.0247	-53.36	-13.00	40.36	Horizontal
7375.6459	-55.90	-13.00	42.90	Horizontal
16388.9463	-43.48	-13.00	30.48	Horizontal



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

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

7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
48.8674	-71.28	-13.00	58.28	Vertical
109.9805	-65.48	-13.00	52.48	Vertical
344.7807	-69.10	-13.00	56.10	Vertical
5060.5687	-61.60	-13.00	48.60	Vertical
7382.6461	-55.79	-13.00	42.79	Vertical
17988.4996	-39.86	-13.00	26.86	Vertical
44.8902	-64.54	-13.00	51.54	Horizontal
103.5782	-75.58	-13.00	62.58	Horizontal
240.0640	-68.59	-13.00	55.59	Horizontal
3782.0261	-59.27	-13.00	46.27	Horizontal
8828.6943	-54.29	-13.00	41.29	Horizontal
16389.4463	-43.63	-13.00	30.63	Horizontal

Remark:

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



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

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



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	1.90	0.001022	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	2.70	0.001452	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	3.90	0.002097	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	2.50	0.001330	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	0.50	0.000266	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-1.20	-0.000638	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-2.30	-0.001211	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-0.20	-0.000105	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-1.20	-0.000632	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VL	NT	4.70	0.002527	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VN	NT	2.90	0.001559	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VH	NT	4.00	0.002151	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VL	NT	1.60	0.000851	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VN	NT	2.30	0.001223	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VH	NT	1.60	0.000851	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VL	NT	-1.40	-0.000737	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VN	NT	-0.70	-0.000368	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VH	NT	-3.20	-0.001684	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	2.10	0.001129	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	1.60	0.000860	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	3.40	0.001828	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	2.50	0.001330	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	-0.90	-0.000479	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	3.00	0.001596	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-2.60	-0.001368	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-3.10	-0.001632	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	0.10	0.000053	±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	1.30	0.000699	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	4.20	0.002258	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	4.40	0.002366	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	2.20	0.001183	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	4.60	0.002473	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	2.20	0.001183	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	5.70	0.003065	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	3.60	0.001935	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	4.80	0.002581	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	4.10	0.002181	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	2.30	0.001223	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	1.00	0.000532	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	1.10	0.000585	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	1.80	0.000957	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	1.60	0.000851	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	2.00	0.001064	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	2.20	0.001170	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	0.60	0.000319	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-1.40	-0.000737	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-3.60	-0.001895	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	-2.50	-0.001316	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-0.80	-0.000421	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-0.40	-0.000211	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-1.50	-0.000789	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-1.90	-0.001000	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-3.40	-0.001789	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-4.70	-0.002474	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-30	3.70	0.001989	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-20	1.10	0.000591	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-10	2.40	0.001290	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	0	2.30	0.001237	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	10	0.30	0.000161	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	20	1.50	0.000806	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	30	1.30	0.000699	±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



Band2	20MHz	64QAM	18700	100RB#0	NV	40	2.10	0.001129	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	50	2.00	0.001075	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-30	-1.20	-0.000638	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-20	0.40	0.000213	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-10	2.50	0.001330	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	0	3.20	0.001702	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	10	2.70	0.001436	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	20	1.10	0.000585	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	30	0.20	0.000106	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	40	0.40	0.000213	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	50	0.00	0.000000	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-30	-3.70	-0.001947	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-20	-2.90	-0.001526	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-10	0.10	0.000053	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	0	-1.30	-0.000684	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	10	-2.20	-0.001158	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	20	-1.20	-0.000632	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	30	-0.10	-0.000053	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	40	-0.90	-0.000474	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	50	-0.30	-0.000158	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	2.80	0.001505	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	4.70	0.002527	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-10	3.40	0.001828	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	4.70	0.002527	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	1.30	0.000699	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	1.70	0.000914	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	2.90	0.001559	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	3.20	0.001720	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	0.30	0.000161	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	-0.10	-0.000053	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	2.40	0.001277	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	0.70	0.000372	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	1.80	0.000957	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	0.20	0.000106	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-0.30	-0.000160	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	2.00	0.001064	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	3.20	0.001702	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	-0.20	-0.000106	±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.sgsgroup.com.cn
 中国·深圳·科技园中区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	-2.60	-0.001368	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-0.20	-0.000105	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-10	-2.00	-0.001053	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-1.60	-0.000842	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-3.80	-0.002000	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-2.70	-0.001421	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-1.40	-0.000737	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	-2.00	-0.001053	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-2.20	-0.001158	±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