



Appendix B

E-UTRA Band 2



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

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



CONTENT

1	EFFECTIVE (ISOTROPIC) RADIATED POWER	4
1.1.	TEST RESULT	4
2.	PEAK-TO-AVERAGE RATIO (CCDF)	20
2.1.	TEST RESULT	20
2.2.	TEST PLOTS.....	21
3.	MODULATION CHARACTERISTICS	27
3.1.	TEST MODE = LTE /TM1 20MHZ.....	27
3.1.1.	TEST CHANNEL = MCH.....	27
3.2.	TEST MODE = LTE /TM2 20MHZ.....	28
3.2.1.	TEST CHANNEL = MCH.....	28
3.3.	TEST MODE = LTE /TM3 20MHZ.....	29
3.3.1.	TEST CHANNEL = MCH.....	29
3.4.	TEST MODE = LTE /TM4 20MHZ.....	30
3.4.1.	TEST CHANNEL = MCH.....	30
4.	26DB BANDWIDTH AND OCCUPIED BANDWIDTH	31
4.1.	TEST RESULT	31
4.2.	TEST PLOTS.....	34
5.	BAND EDGE COMPLIANCE	70
5.1.	TEST PLOTS.....	70
6.	SPURIOUS EMISSION AT ANTENNA TERMINAL	83
6.1.	TEST PLOTS.....	83
7.	FIELD STRENGTH OF SPURIOUS RADIATION.....	87
7.1.	TEST BAND = BAND 2	87
7.1.1.	Test Channel = Low Channel	87
7.2.	TEST BAND = BAND 2	88
7.2.1.	Test Channel = Low Channel	88
7.3.	TEST BAND = _BAND2.....	89
7.3.1.	Test Channel = Mid Channel	89
7.4.	TEST BAND = _BAND2.....	90



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

Attention: 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



7.4.1.	Test Channel = Mid Channel	90
7.5.	TEST BAND = BAND 2	91
7.5.1.	Test Channel = High Channel	91
7.6.	TEST BAND = BAND 2	92
7.6.1.	Test Channel = High Channel	92
8.	FREQUENCY STABILITY	93
8.1.	FREQUENCY VS VOLTAGE	93
8.2.	FREQUENCY VS TEMPERATURE	94



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



1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#2	23.22	25.85	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.26	25.89	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	23.20	25.83	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	23.27	25.9	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	23.26	25.89	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	23.25	25.88	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.23	24.86	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.26	25.89	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.23	25.86	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.24	25.87	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	23.26	25.89	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	23.26	25.89	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	23.24	25.87	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.24	24.87	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.14	25.77	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.12	25.75	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.13	25.76	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	23.14	25.77	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	23.13	25.76	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	23.14	25.77	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.10	24.73	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	21.26	23.89	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	21.25	23.88	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	21.33	23.96	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#0	21.32	23.95	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#1	21.29	23.92	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#3	21.29	23.92	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, CSTC Laboratory

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



Band2	1.4MHz	64QAM	18607	6RB#0	20.38	23.01	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	21.24	23.87	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	21.29	23.92	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	21.25	23.88	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#1	21.33	23.96	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#3	21.35	23.98	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#0	21.26	23.89	33.00	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	20.36	22.99	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	21.14	23.77	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	21.10	23.73	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	21.12	23.75	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#0	21.18	23.81	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#3	21.21	23.84	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#1	21.15	23.78	33.00	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	20.17	22.8	33.00	PASS
Band2	1.4MHz	256QAM	18607	1RB#0	18.23	20.86	33.00	PASS
Band2	1.4MHz	256QAM	18607	1RB#2	18.28	20.91	33.00	PASS
Band2	1.4MHz	256QAM	18607	1RB#5	18.16	20.79	33.00	PASS
Band2	1.4MHz	256QAM	18607	3RB#3	18.21	20.84	33.00	PASS
Band2	1.4MHz	256QAM	18607	3RB#0	18.22	20.85	33.00	PASS
Band2	1.4MHz	256QAM	18607	3RB#1	18.13	20.76	33.00	PASS
Band2	1.4MHz	256QAM	18607	6RB#0	17.99	20.62	33.00	PASS
Band2	1.4MHz	256QAM	18900	1RB#5	18.26	20.89	33.00	PASS
Band2	1.4MHz	256QAM	18900	1RB#2	18.22	20.85	33.00	PASS
Band2	1.4MHz	256QAM	18900	1RB#0	18.13	20.76	33.00	PASS
Band2	1.4MHz	256QAM	18900	3RB#3	18.19	20.82	33.00	PASS
Band2	1.4MHz	256QAM	18900	3RB#0	18.07	20.7	33.00	PASS
Band2	1.4MHz	256QAM	18900	3RB#1	18.04	20.67	33.00	PASS
Band2	1.4MHz	256QAM	18900	6RB#0	17.99	20.62	33.00	PASS
Band2	1.4MHz	256QAM	19193	1RB#0	18.12	20.75	33.00	PASS
Band2	1.4MHz	256QAM	19193	1RB#5	18.11	20.74	33.00	PASS
Band2	1.4MHz	256QAM	19193	1RB#2	18.08	20.71	33.00	PASS
Band2	1.4MHz	256QAM	19193	3RB#0	17.98	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
Shenzhen Branch: 中国·深圳·科技园中区M-10栋一号厂房
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China
邮编: 518057

t (86-755) 26012053 f (86-755) 26710594
t (86-755) 26012053 f (86-755) 26710594

www.sgs.com
www.sgs.com.cn
sgs.china@sgs.com



Band2	1.4MHz	256QAM	19193	3RB#3	18.12	20.75	33.00	PASS
Band2	1.4MHz	256QAM	19193	3RB#1	18.08	20.71	33.00	PASS
Band2	1.4MHz	256QAM	19193	6RB#0	17.90	20.53	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.47	25.1	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.45	25.08	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.45	25.08	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	22.28	24.91	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	22.31	24.94	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	22.26	24.89	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.27	23.9	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.41	25.04	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.45	25.08	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.52	25.15	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	22.28	24.91	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	22.33	24.96	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	22.36	24.99	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.26	23.89	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.32	24.95	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.25	24.88	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.25	24.88	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	22.21	24.84	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	22.21	24.84	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	22.21	24.84	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.15	23.78	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.24	25.87	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.23	25.86	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.19	25.82	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.21	24.84	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.18	24.81	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.21	24.84	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.19	24.82	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.23	25.86	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.21	25.84	33.00	PASS



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

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

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



Band2	3MHz	QPSK	18900	1RB#14	23.22	25.85	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.23	24.86	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.17	24.8	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.16	24.79	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.16	24.79	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.10	25.73	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.08	25.71	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.09	25.72	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.12	24.75	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#4	22.07	24.7	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.14	24.77	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.08	24.71	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#14	21.35	23.98	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#0	21.23	23.86	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#8	21.29	23.92	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#7	20.32	22.95	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#0	20.33	22.96	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#4	20.35	22.98	33.00	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.28	22.91	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#14	21.30	23.93	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#0	21.35	23.98	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#8	21.33	23.96	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#4	20.32	22.95	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#7	20.32	22.95	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#0	20.36	22.99	33.00	PASS
Band2	3MHz	64QAM	18900	15RB#0	20.34	22.97	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#14	21.17	23.8	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#0	21.17	23.8	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#8	21.13	23.76	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#4	20.24	22.87	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#7	20.25	22.88	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#0	20.21	22.84	33.00	PASS
Band2	3MHz	64QAM	19185	15RB#0	20.25	22.88	33.00	PASS





Band2	3MHz	256QAM	18615	1RB#14	18.26	20.89	33.00	PASS
Band2	3MHz	256QAM	18615	1RB#8	18.25	20.88	33.00	PASS
Band2	3MHz	256QAM	18615	1RB#0	18.22	20.85	33.00	PASS
Band2	3MHz	256QAM	18615	8RB#0	18.08	20.71	33.00	PASS
Band2	3MHz	256QAM	18615	8RB#4	18.11	20.74	33.00	PASS
Band2	3MHz	256QAM	18615	8RB#7	18.08	20.71	33.00	PASS
Band2	3MHz	256QAM	18615	15RB#0	17.92	20.55	33.00	PASS
Band2	3MHz	256QAM	18900	1RB#8	18.16	20.79	33.00	PASS
Band2	3MHz	256QAM	18900	1RB#0	18.16	20.79	33.00	PASS
Band2	3MHz	256QAM	18900	1RB#14	18.15	20.78	33.00	PASS
Band2	3MHz	256QAM	18900	8RB#0	18.06	20.69	33.00	PASS
Band2	3MHz	256QAM	18900	8RB#7	18.01	20.64	33.00	PASS
Band2	3MHz	256QAM	18900	8RB#4	18.04	20.67	33.00	PASS
Band2	3MHz	256QAM	18900	15RB#0	17.92	20.55	33.00	PASS
Band2	3MHz	256QAM	19185	1RB#14	18.06	20.69	33.00	PASS
Band2	3MHz	256QAM	19185	1RB#8	18.07	20.7	33.00	PASS
Band2	3MHz	256QAM	19185	1RB#0	18.13	20.76	33.00	PASS
Band2	3MHz	256QAM	19185	8RB#4	17.93	20.56	33.00	PASS
Band2	3MHz	256QAM	19185	8RB#7	17.96	20.59	33.00	PASS
Band2	3MHz	256QAM	19185	8RB#0	17.96	20.59	33.00	PASS
Band2	3MHz	256QAM	19185	15RB#0	17.88	20.51	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.47	25.1	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.53	25.16	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.36	24.99	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.22	23.85	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.20	23.83	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.24	23.87	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.16	23.79	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.41	25.04	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.45	25.08	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.46	25.09	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.25	23.88	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.21	23.84	33.00	PASS





Band2	3MHz	16QAM	18900	8RB#0	21.19	23.82	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.15	23.78	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.29	24.92	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.34	24.97	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.34	24.97	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.08	23.71	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.18	23.81	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.12	23.75	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.09	23.72	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.25	25.88	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.25	25.88	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.33	25.96	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.18	24.81	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.20	24.83	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#6	22.17	24.8	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.19	24.82	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.29	25.92	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.30	25.93	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.25	25.88	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.27	24.9	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.27	24.9	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.27	24.9	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.26	24.89	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.18	25.81	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.21	25.84	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.13	25.76	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.16	24.79	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.14	24.77	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.03	24.66	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.13	24.76	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#24	21.29	23.92	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#12	21.33	23.96	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#0	21.22	23.85	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	5MHz	64QAM	18625	12RB#6	20.36	22.99	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#0	20.30	22.93	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#13	20.28	22.91	33.00	PASS
Band2	5MHz	64QAM	18625	25RB#0	20.36	22.99	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#0	21.27	23.9	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#24	21.32	23.95	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#12	21.31	23.94	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#13	20.37	23	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#6	20.36	22.99	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#0	20.38	23.01	33.00	PASS
Band2	5MHz	64QAM	18900	25RB#0	20.41	23.04	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#12	21.18	23.81	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#24	21.25	23.88	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#0	21.23	23.86	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#13	20.15	22.78	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#0	20.26	22.89	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#6	20.28	22.91	33.00	PASS
Band2	5MHz	64QAM	19175	25RB#0	20.26	22.89	33.00	PASS
Band2	5MHz	256QAM	18625	1RB#24	18.46	21.09	33.00	PASS
Band2	5MHz	256QAM	18625	1RB#12	18.36	20.99	33.00	PASS
Band2	5MHz	256QAM	18625	1RB#0	18.47	21.1	33.00	PASS
Band2	5MHz	256QAM	18625	12RB#13	18.37	21	33.00	PASS
Band2	5MHz	256QAM	18625	12RB#6	18.31	20.94	33.00	PASS
Band2	5MHz	256QAM	18625	12RB#0	18.29	20.92	33.00	PASS
Band2	5MHz	256QAM	18625	25RB#0	14.26	16.89	33.00	PASS
Band2	5MHz	256QAM	18900	1RB#24	18.48	21.11	33.00	PASS
Band2	5MHz	256QAM	18900	1RB#12	18.45	21.08	33.00	PASS
Band2	5MHz	256QAM	18900	1RB#0	18.52	21.15	33.00	PASS
Band2	5MHz	256QAM	18900	12RB#0	18.31	20.94	33.00	PASS
Band2	5MHz	256QAM	18900	12RB#6	18.24	20.87	33.00	PASS
Band2	5MHz	256QAM	18900	12RB#13	18.23	20.86	33.00	PASS
Band2	5MHz	256QAM	18900	25RB#0	18.33	20.96	33.00	PASS
Band2	5MHz	256QAM	19175	1RB#12	18.42	21.05	33.00	PASS





Band2	5MHz	256QAM	19175	1RB#24	18.33	20.96	33.00	PASS
Band2	5MHz	256QAM	19175	1RB#0	18.30	20.93	33.00	PASS
Band2	5MHz	256QAM	19175	12RB#6	18.20	20.83	33.00	PASS
Band2	5MHz	256QAM	19175	12RB#13	18.19	20.82	33.00	PASS
Band2	5MHz	256QAM	19175	12RB#0	18.15	20.78	33.00	PASS
Band2	5MHz	256QAM	19175	25RB#0	18.02	20.65	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.44	25.07	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.45	25.08	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.47	25.1	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.21	23.84	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.23	23.86	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.23	23.86	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.23	23.86	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.48	25.11	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.45	25.08	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.50	25.13	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.23	23.86	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.25	23.88	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.21	23.84	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.22	23.85	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.26	24.89	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.28	24.91	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.36	24.99	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.15	23.78	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.15	23.78	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.01	23.64	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.12	23.75	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.30	25.93	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.18	25.81	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.27	25.9	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.21	24.84	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.22	24.85	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#0	22.23	24.86	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.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band2	10MHz	QPSK	18650	50RB#0	22.19	24.82	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.26	25.89	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.30	25.93	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.32	25.95	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.21	24.84	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.17	24.8	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.24	24.87	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.26	24.89	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.23	25.86	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.21	25.84	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.14	25.77	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.10	24.73	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.13	24.76	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.05	24.68	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.08	24.71	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#24	21.25	23.88	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#0	21.42	24.05	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#49	21.35	23.98	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#12	20.40	23.03	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#0	20.31	22.94	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#25	20.33	22.96	33.00	PASS
Band2	10MHz	64QAM	18650	50RB#0	20.32	22.95	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#49	21.31	23.94	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#0	21.38	24.01	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#24	21.39	24.02	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#12	20.37	23	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#25	20.30	22.93	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#0	20.44	23.07	33.00	PASS
Band2	10MHz	64QAM	18900	50RB#0	20.34	22.97	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#49	21.25	23.88	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#24	21.31	23.94	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#0	21.34	23.97	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#25	20.24	22.87	33.00	PASS





Band2	10MHz	64QAM	19150	25RB#12	20.28	22.91	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#0	20.26	22.89	33.00	PASS
Band2	10MHz	64QAM	19150	50RB#0	20.23	22.86	33.00	PASS
Band2	10MHz	256QAM	18650	1RB#24	18.50	21.13	33.00	PASS
Band2	10MHz	256QAM	18650	1RB#49	18.54	21.17	33.00	PASS
Band2	10MHz	256QAM	18650	1RB#0	18.55	21.18	33.00	PASS
Band2	10MHz	256QAM	18650	25RB#0	18.31	20.94	33.00	PASS
Band2	10MHz	256QAM	18650	25RB#12	18.22	20.85	33.00	PASS
Band2	10MHz	256QAM	18650	25RB#25	18.29	20.92	33.00	PASS
Band2	10MHz	256QAM	18650	50RB#0	18.28	20.91	33.00	PASS
Band2	10MHz	256QAM	18900	1RB#0	18.50	21.13	33.00	PASS
Band2	10MHz	256QAM	18900	1RB#24	18.49	21.12	33.00	PASS
Band2	10MHz	256QAM	18900	1RB#49	18.42	21.05	33.00	PASS
Band2	10MHz	256QAM	18900	25RB#0	18.18	20.81	33.00	PASS
Band2	10MHz	256QAM	18900	25RB#12	18.23	20.86	33.00	PASS
Band2	10MHz	256QAM	18900	25RB#25	18.35	20.98	33.00	PASS
Band2	10MHz	256QAM	18900	50RB#0	18.22	20.85	33.00	PASS
Band2	10MHz	256QAM	19150	1RB#0	18.38	21.01	33.00	PASS
Band2	10MHz	256QAM	19150	1RB#24	18.30	20.93	33.00	PASS
Band2	10MHz	256QAM	19150	1RB#49	18.36	20.99	33.00	PASS
Band2	10MHz	256QAM	19150	25RB#12	18.25	20.88	33.00	PASS
Band2	10MHz	256QAM	19150	25RB#0	18.26	20.89	33.00	PASS
Band2	10MHz	256QAM	19150	25RB#25	18.27	20.9	33.00	PASS
Band2	10MHz	256QAM	19150	50RB#0	18.12	20.75	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.41	25.04	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.40	25.03	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.43	25.06	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.21	23.84	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.27	23.9	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.16	23.79	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.21	23.84	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.51	25.14	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.52	25.15	33.00	PASS





Band2	10MHz	16QAM	18900	1RB#49	22.40	25.03	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.17	23.8	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.25	23.88	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.25	23.88	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.20	23.83	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.35	24.98	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.30	24.93	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.40	25.03	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.14	23.77	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.14	23.77	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.06	23.69	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.07	23.7	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.19	25.82	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.25	25.88	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.13	25.76	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#0	22.13	24.76	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#39	22.21	24.84	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#18	22.23	24.86	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.16	24.79	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.29	25.92	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.16	25.79	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.10	25.73	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#18	22.19	24.82	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#39	22.11	24.74	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#0	22.20	24.83	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.21	24.84	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.18	25.81	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.09	25.72	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.14	25.77	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#0	22.12	24.75	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#18	22.13	24.76	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#39	22.10	24.73	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.10	24.73	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	18675	1RB#0	21.27	23.9	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#38	21.36	23.99	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#74	21.36	23.99	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#39	20.37	23	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#0	20.35	22.98	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#18	20.32	22.95	33.00	PASS
Band2	15MHz	64QAM	18675	75RB#0	20.29	22.92	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#0	21.20	23.83	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#74	21.31	23.94	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#38	21.40	24.03	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#18	20.35	22.98	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#0	20.33	22.96	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#39	20.29	22.92	33.00	PASS
Band2	15MHz	64QAM	18900	75RB#0	20.35	22.98	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#38	21.29	23.92	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#0	21.27	23.9	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#74	21.19	23.82	33.00	PASS
Band2	15MHz	64QAM	19125	36RB#39	20.25	22.88	33.00	PASS
Band2	15MHz	64QAM	19125	36RB#18	20.31	22.94	33.00	PASS
Band2	15MHz	64QAM	19125	36RB#0	20.30	22.93	33.00	PASS
Band2	15MHz	64QAM	19125	75RB#0	20.24	22.87	33.00	PASS
Band2	15MHz	256QAM	18675	1RB#74	18.43	21.06	33.00	PASS
Band2	15MHz	256QAM	18675	1RB#38	18.47	21.1	33.00	PASS
Band2	15MHz	256QAM	18675	1RB#0	18.43	21.06	33.00	PASS
Band2	15MHz	256QAM	18675	36RB#0	18.26	20.89	33.00	PASS
Band2	15MHz	256QAM	18675	36RB#18	18.25	20.88	33.00	PASS
Band2	15MHz	256QAM	18675	36RB#39	18.26	20.89	33.00	PASS
Band2	15MHz	256QAM	18675	75RB#0	18.13	20.76	33.00	PASS
Band2	15MHz	256QAM	18900	1RB#38	18.37	21	33.00	PASS
Band2	15MHz	256QAM	18900	1RB#0	18.49	21.12	33.00	PASS
Band2	15MHz	256QAM	18900	1RB#74	18.40	21.03	33.00	PASS
Band2	15MHz	256QAM	18900	36RB#0	18.30	20.93	33.00	PASS
Band2	15MHz	256QAM	18900	36RB#39	18.33	20.96	33.00	PASS



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

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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch, 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	15MHz	256QAM	18900	36RB#18	18.28	20.91	33.00	PASS
Band2	15MHz	256QAM	18900	75RB#0	18.22	20.85	33.00	PASS
Band2	15MHz	256QAM	19125	1RB#38	18.28	20.91	33.00	PASS
Band2	15MHz	256QAM	19125	1RB#74	18.34	20.97	33.00	PASS
Band2	15MHz	256QAM	19125	1RB#0	18.34	20.97	33.00	PASS
Band2	15MHz	256QAM	19125	36RB#39	18.26	20.89	33.00	PASS
Band2	15MHz	256QAM	19125	36RB#18	18.29	20.92	33.00	PASS
Band2	15MHz	256QAM	19125	36RB#0	18.21	20.84	33.00	PASS
Band2	15MHz	256QAM	19125	75RB#0	18.10	20.73	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.38	25.01	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.29	24.92	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.44	25.07	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#39	21.13	23.76	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#18	21.19	23.82	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#0	21.19	23.82	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.16	23.79	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.43	25.06	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.36	24.99	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.36	24.99	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#18	21.21	23.84	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#0	21.20	23.83	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#39	21.10	23.73	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.14	23.77	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.24	24.87	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.36	24.99	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.36	24.99	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#0	21.09	23.72	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#18	21.17	23.8	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#39	21.09	23.72	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.07	23.7	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.26	25.89	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.15	25.78	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.21	25.84	33.00	PASS



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

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

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	20MHz	QPSK	18700	50RB#0	22.24	24.87	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.17	24.8	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.26	24.89	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.22	24.85	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.29	25.92	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.11	25.74	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.14	25.77	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.09	24.72	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.17	24.8	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#50	22.28	24.91	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.08	24.71	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.09	25.72	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.16	25.79	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.25	25.88	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.16	24.79	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#25	22.24	24.87	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.28	24.91	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.20	24.83	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#99	21.26	23.89	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#49	21.33	23.96	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#0	21.34	23.97	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#50	20.34	22.97	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#25	20.33	22.96	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#0	20.27	22.9	33.00	PASS
Band2	20MHz	64QAM	18700	100RB#0	20.29	22.92	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#99	21.45	24.08	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#49	21.23	23.86	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#0	21.23	23.86	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#50	20.36	22.99	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#0	20.33	22.96	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#25	20.20	22.83	33.00	PASS
Band2	20MHz	64QAM	18900	100RB#0	20.20	22.83	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#49	21.30	23.93	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	20MHz	64QAM	19100	1RB#99	21.38	24.01	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#0	21.28	23.91	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#25	20.28	22.91	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#0	20.34	22.97	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#50	20.36	22.99	33.00	PASS
Band2	20MHz	64QAM	19100	100RB#0	20.33	22.96	33.00	PASS
Band2	20MHz	256QAM	18700	1RB#0	18.32	20.95	33.00	PASS
Band2	20MHz	256QAM	18700	1RB#99	18.34	20.97	33.00	PASS
Band2	20MHz	256QAM	18700	1RB#49	18.43	21.06	33.00	PASS
Band2	20MHz	256QAM	18700	50RB#50	18.26	20.89	33.00	PASS
Band2	20MHz	256QAM	18700	50RB#25	18.27	20.9	33.00	PASS
Band2	20MHz	256QAM	18700	50RB#0	18.25	20.88	33.00	PASS
Band2	20MHz	256QAM	18700	100RB#0	18.27	20.9	33.00	PASS
Band2	20MHz	256QAM	18900	1RB#0	18.27	20.9	33.00	PASS
Band2	20MHz	256QAM	18900	1RB#49	18.32	20.95	33.00	PASS
Band2	20MHz	256QAM	18900	1RB#99	18.32	20.95	33.00	PASS
Band2	20MHz	256QAM	18900	50RB#0	18.33	20.96	33.00	PASS
Band2	20MHz	256QAM	18900	50RB#25	18.31	20.94	33.00	PASS
Band2	20MHz	256QAM	18900	50RB#50	18.30	20.93	33.00	PASS
Band2	20MHz	256QAM	18900	100RB#0	18.23	20.86	33.00	PASS
Band2	20MHz	256QAM	19100	1RB#49	18.22	20.85	33.00	PASS
Band2	20MHz	256QAM	19100	1RB#99	18.25	20.88	33.00	PASS
Band2	20MHz	256QAM	19100	1RB#0	18.25	20.88	33.00	PASS
Band2	20MHz	256QAM	19100	50RB#0	18.35	20.98	33.00	PASS
Band2	20MHz	256QAM	19100	50RB#50	18.24	20.87	33.00	PASS
Band2	20MHz	256QAM	19100	50RB#25	18.23	20.86	33.00	PASS
Band2	20MHz	256QAM	19100	100RB#0	18.21	20.84	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.37	25	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.35	24.98	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.27	24.9	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.19	23.82	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.18	23.81	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.16	23.79	33.00	PASS





Band2	20MHz	16QAM	18700	100RB#0	21.15	23.78	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.35	24.98	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.54	25.17	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.29	24.92	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.23	23.86	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.18	23.81	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.05	23.68	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.10	23.73	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.37	25	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.33	24.96	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.27	24.9	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.18	23.81	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.22	23.85	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.13	23.76	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.17	23.8	33.00	PASS

Remark:

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

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

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

The conducted Power is measured by Base Station Simulator





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	5.54	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.57	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.42	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.52	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.52	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.46	13	PASS
Band2	20MHz	256QAM	18700	100RB#0	6.67	13	PASS
Band2	20MHz	256QAM	18900	100RB#0	6.72	13	PASS
Band2	20MHz	256QAM	19100	100RB#0	6.67	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.55	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.58	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.46	13	PASS



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

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

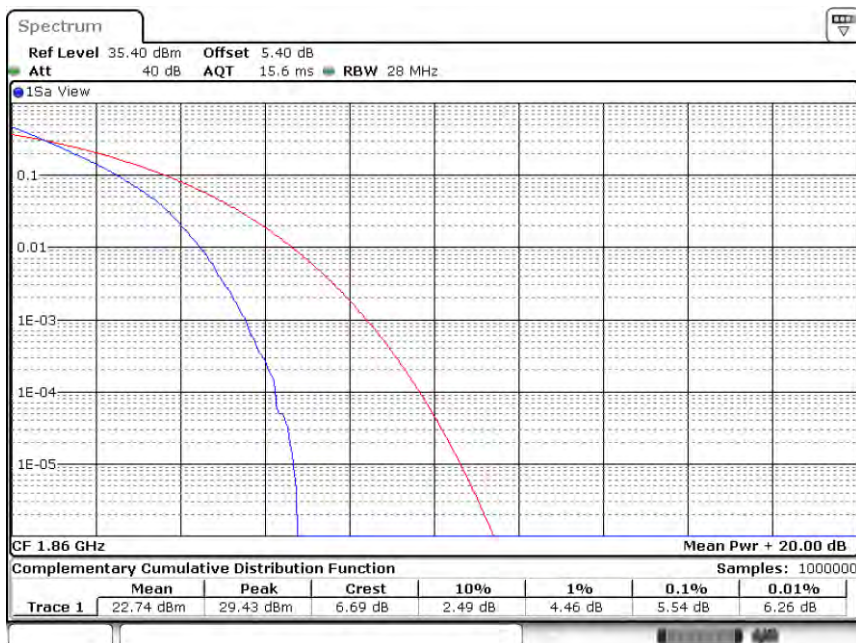
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (SGS-CSTC Laboratory)

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



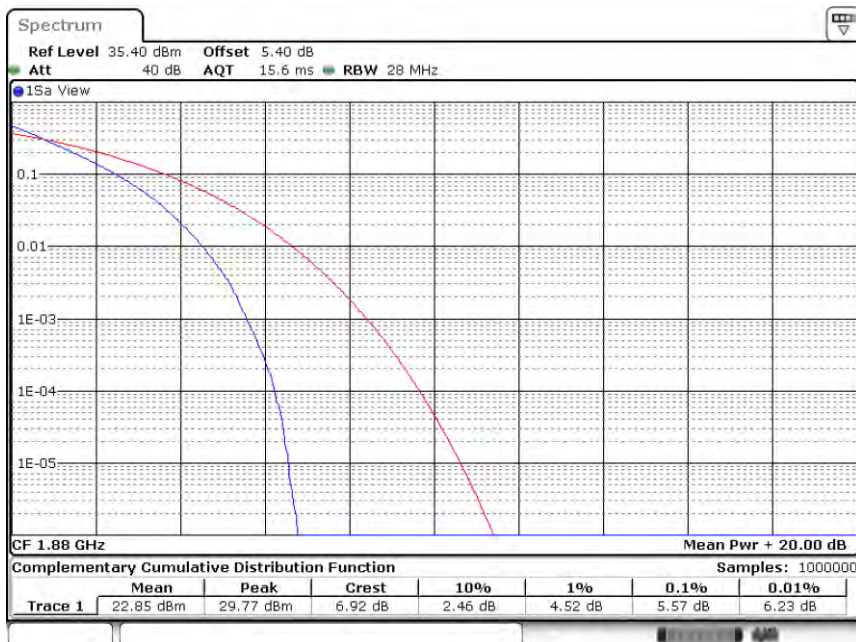
2.2. Test Plots

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



Date: 5.MAY.2021 04:45:17

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

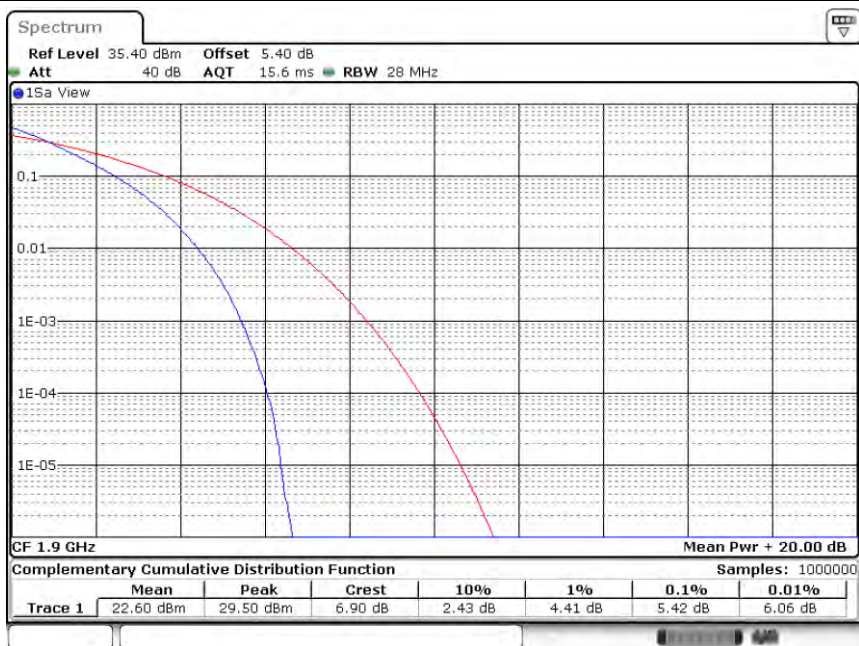


Date: 5.MAY.2021 04:45:40





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



Date: 5.MAY.2021 04:46:02

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



Date: 16.MAY.2021 10:41:00





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



Date: 16.MAY.2021 10:41:12

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



Date: 16.MAY.2021 10:41:23



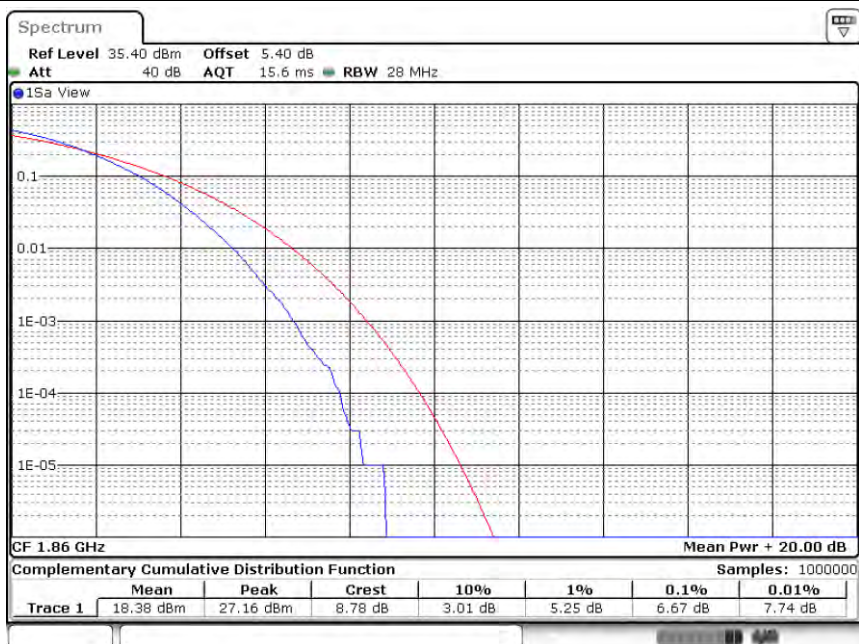
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Services Laboratory

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

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

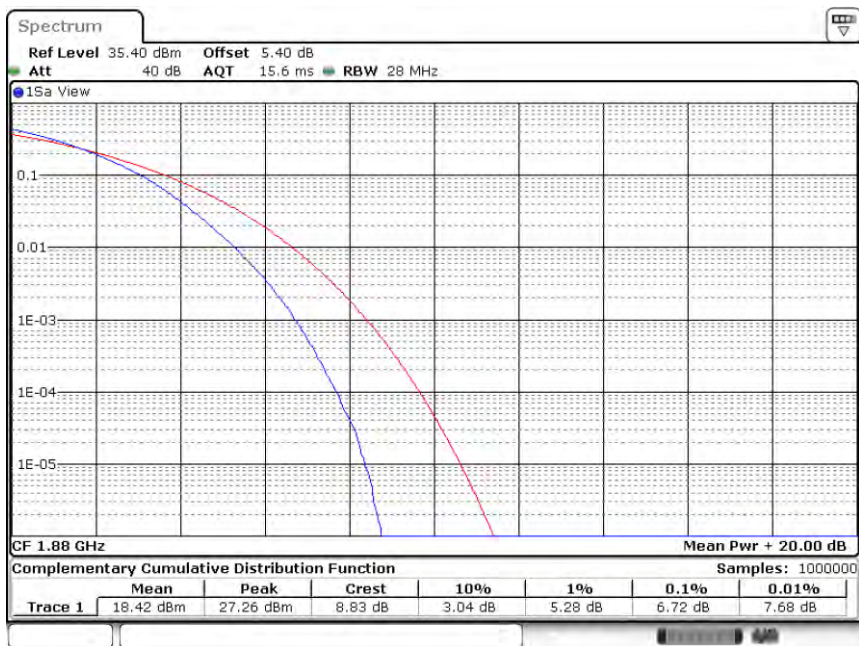


Band2-20MHz-256QAM-18700-100RB#0



Date: 7.MAY.2021 03:17:30

Band2-20MHz-256QAM-18900-100RB#0



Date: 7.MAY.2021 03:17:42

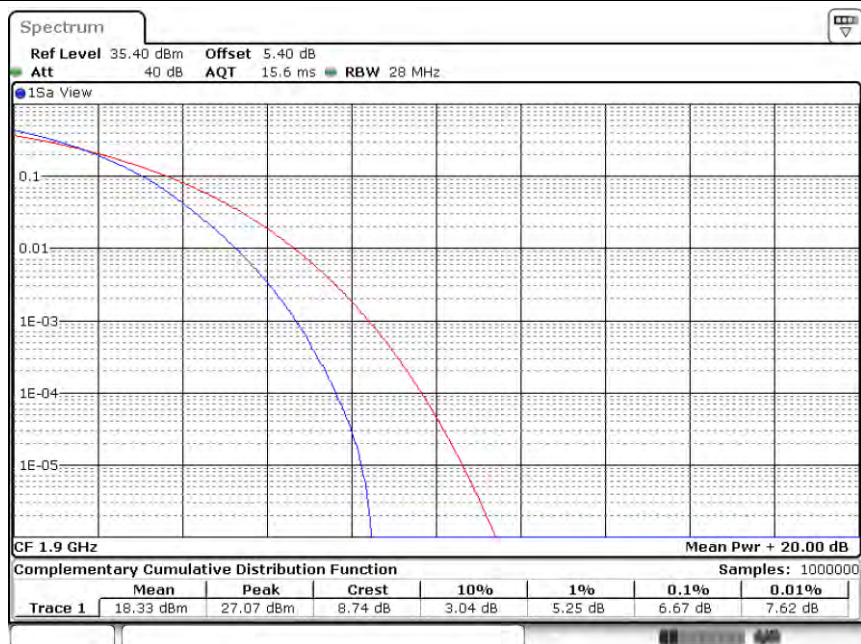


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Band2-20MHz-256QAM-19100-100RB#0



Date: 7.MAY.2021 03:17:53

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



Date: 5.MAY.2021 04:45:28

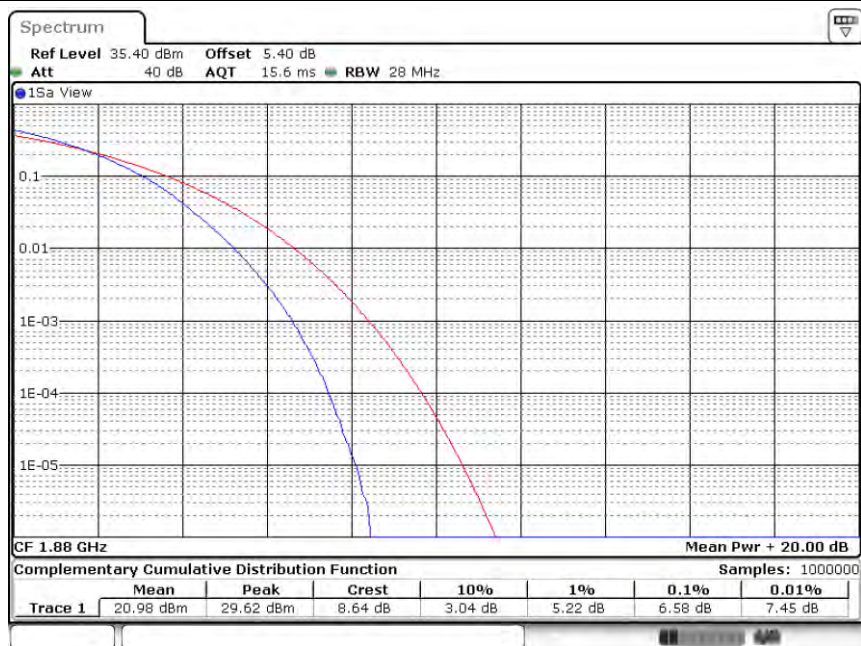


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: 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

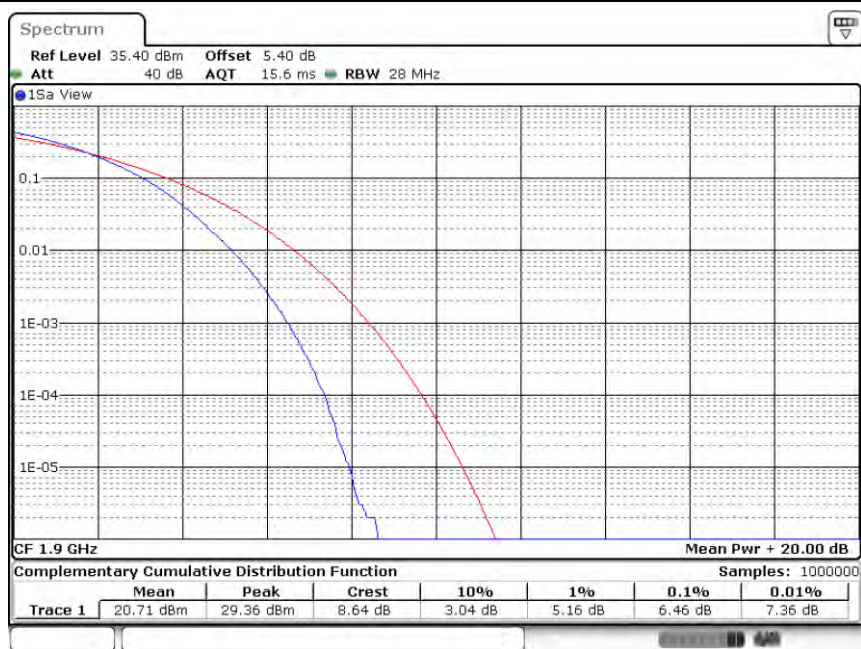


Band2-20MHz-16QAM-18900-100RB#0



Date: 5.MAY.2021 04:45:51

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



Date: 5.MAY.2021 04:46:14

Remark: all modulation and all Bandwidth had been tested, but only the worst configuration was displayed in this report.



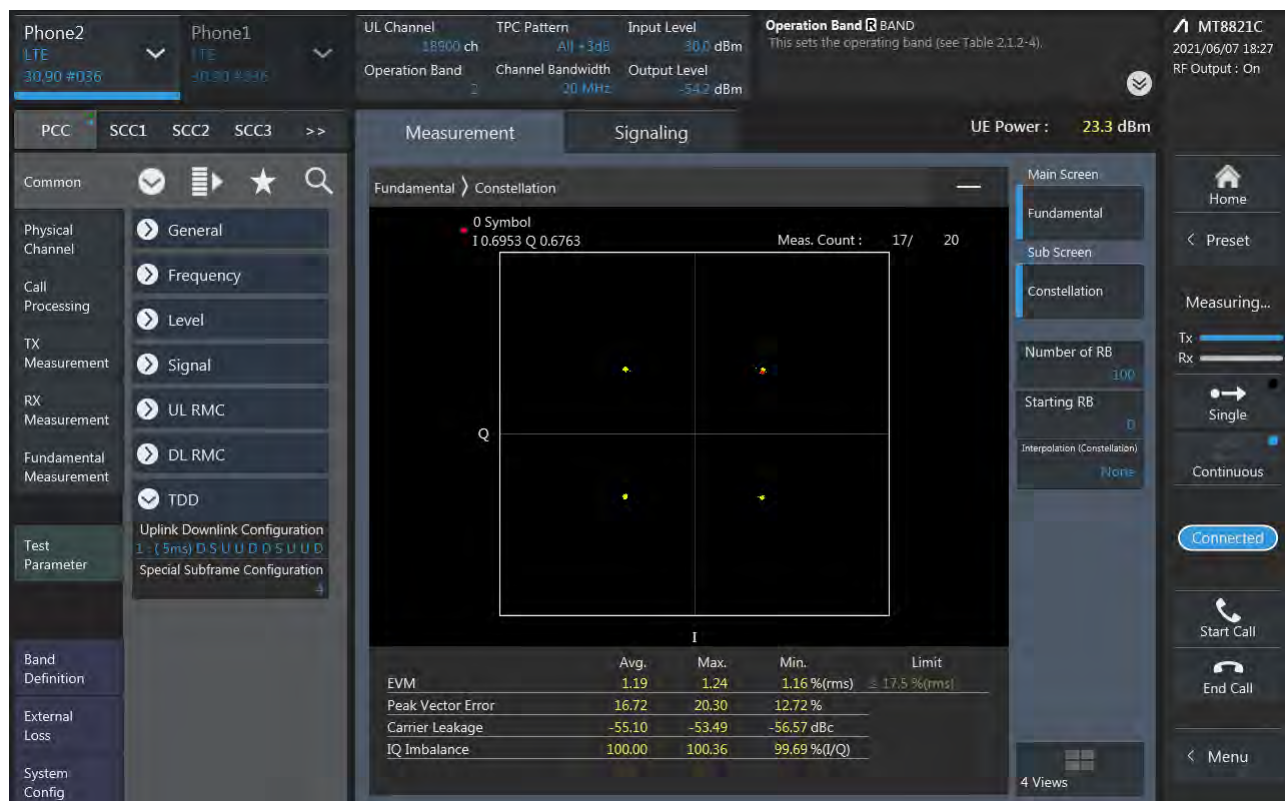
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

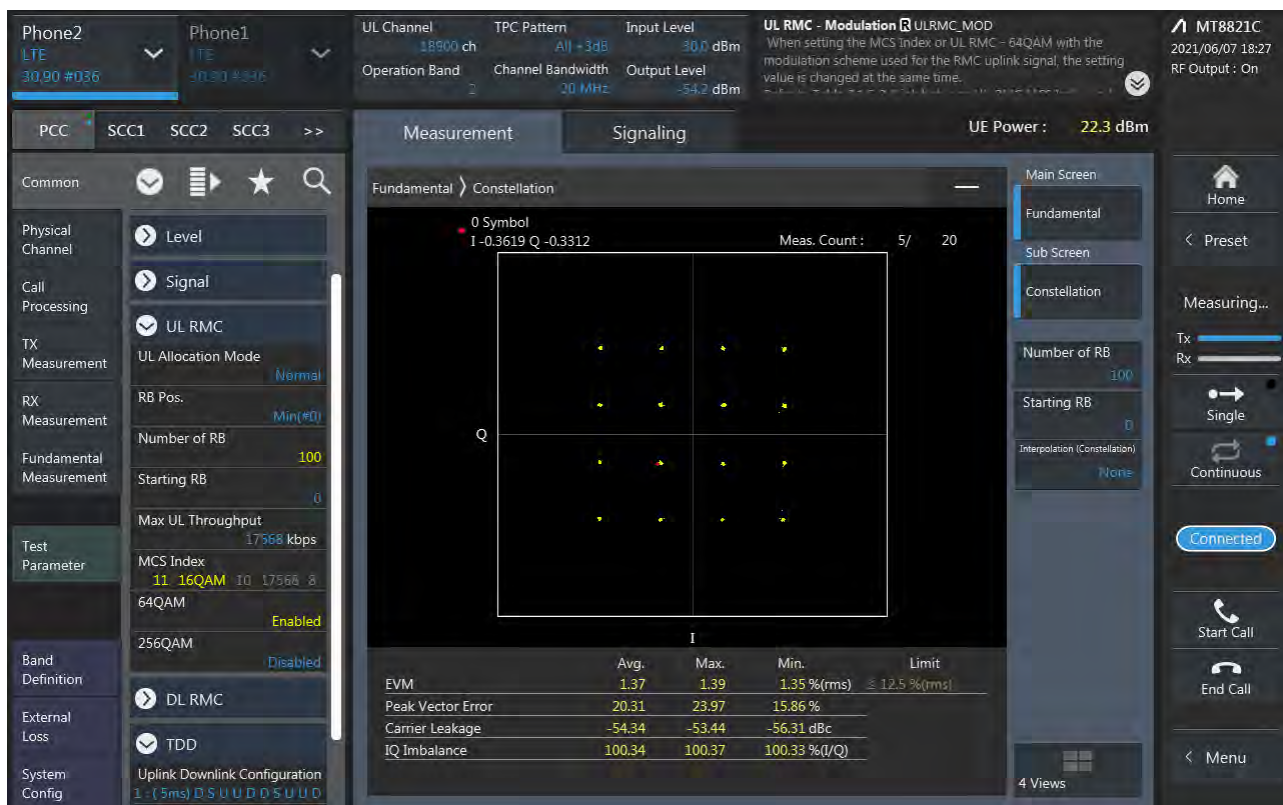
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 20MHz

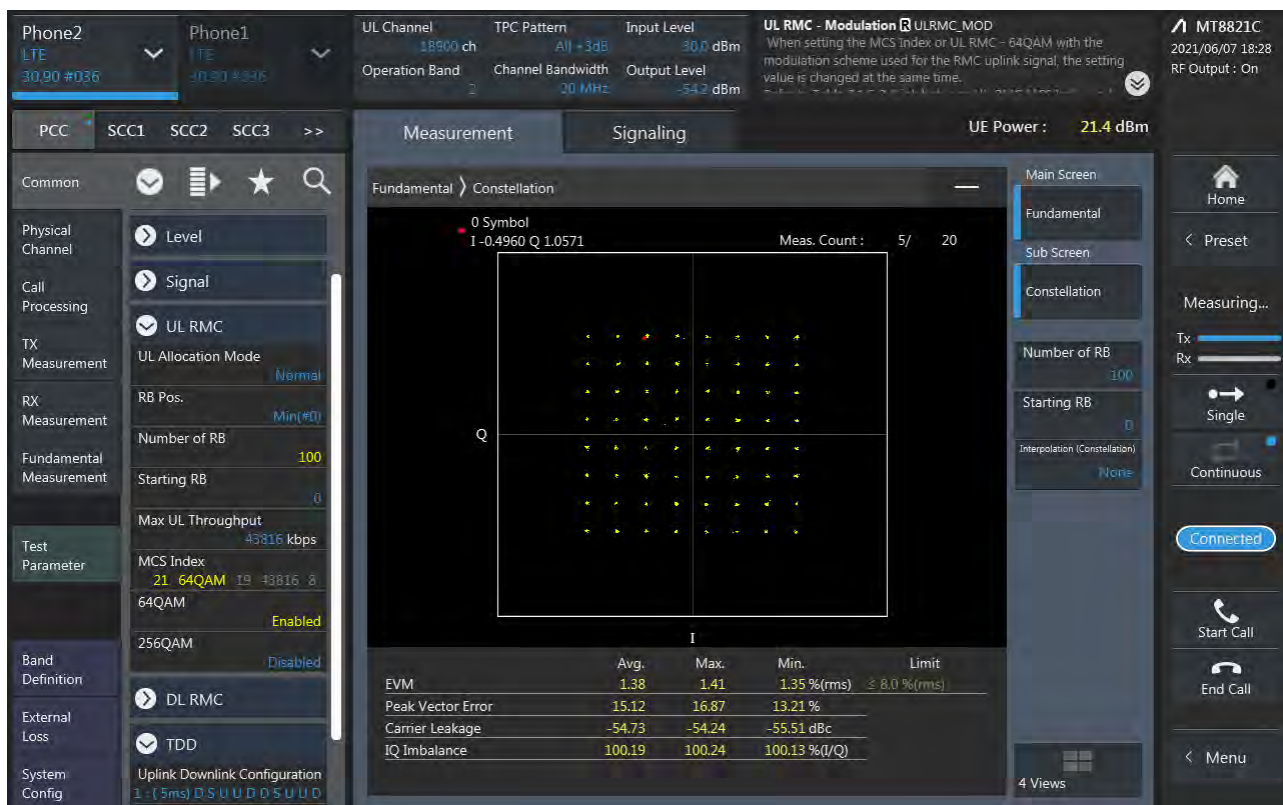
3.2.1. Test Channel = MCH





3.3. Test Mode = LTE /TM3 20MHz

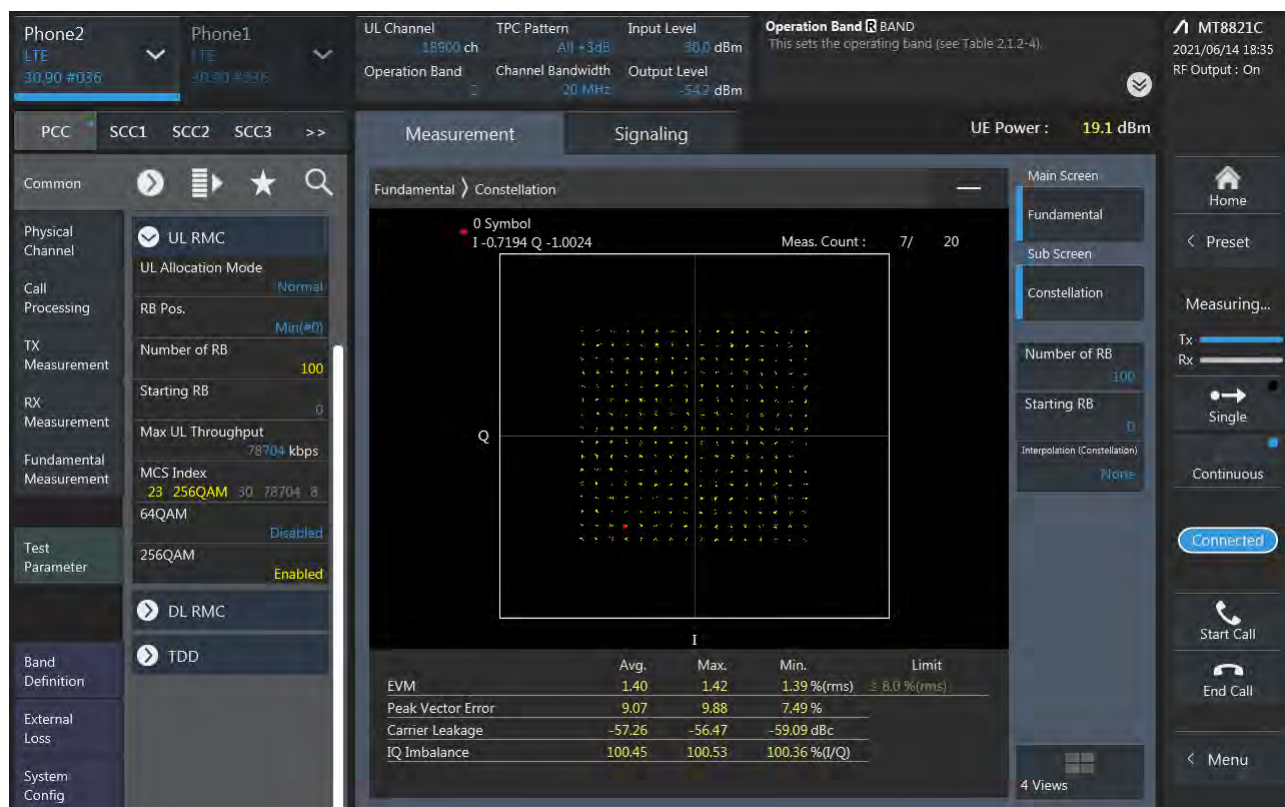
3.3.1. Test Channel = MCH





3.4. Test Mode = LTE /TM4 20MHz

3.4.1. 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	1.293	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.091	1.302	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.091	1.293	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.094	1.290	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.094	1.290	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.094	1.287	PASS
Band2	1.4MHz	256QAM	18607	6RB#0	1.094	1.296	PASS
Band2	1.4MHz	256QAM	18900	6RB#0	1.094	1.296	PASS
Band2	1.4MHz	256QAM	19193	6RB#0	1.091	1.296	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.088	1.293	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.088	1.284	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.091	1.287	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.691	2.946	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.697	2.952	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.691	2.946	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.685	2.934	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.685	2.934	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.691	2.940	PASS
Band2	3MHz	256QAM	18615	15RB#0	2.691	2.952	PASS
Band2	3MHz	256QAM	18900	15RB#0	2.679	2.958	PASS
Band2	3MHz	256QAM	19185	15RB#0	2.685	2.958	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.679	2.934	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.679	2.934	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.679	2.928	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.476	4.870	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.476	4.870	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.476	4.870	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.466	4.860	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.476	4.870	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.466	4.860	PASS
Band2	5MHz	256QAM	18625	25RB#0	4.476	4.880	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
中国·深圳·科技园中区M-10栋一号厂房

t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band2	5MHz	256QAM	18900	25RB#0	4.486	4.890	PASS
Band2	5MHz	256QAM	19175	25RB#0	4.476	4.880	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.476	4.880	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.476	4.890	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.486	4.890	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.951	9.700	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.951	9.680	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.931	9.680	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.951	9.640	PASS
Band2	10MHz	64QAM	18900	50RB#0	8.931	9.640	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.951	9.640	PASS
Band2	10MHz	256QAM	18650	50RB#0	8.951	9.640	PASS
Band2	10MHz	256QAM	18900	50RB#0	8.931	9.660	PASS
Band2	10MHz	256QAM	19150	50RB#0	8.951	9.660	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.951	9.700	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.931	9.620	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.951	9.720	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.487	14.790	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.516	14.700	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.516	14.700	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.457	14.910	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.487	14.820	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.516	14.790	PASS
Band2	15MHz	256QAM	18675	75RB#0	13.457	14.760	PASS
Band2	15MHz	256QAM	18900	75RB#0	13.487	14.820	PASS
Band2	15MHz	256QAM	19125	75RB#0	13.516	14.880	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.487	14.820	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.487	14.820	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.516	14.850	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.902	19.320	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.942	19.400	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.902	19.280	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.902	19.320	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.942	19.240	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.902	19.280	PASS
Band2	20MHz	256QAM	18700	100RB#0	17.862	19.280	PASS
Band2	20MHz	256QAM	18900	100RB#0	17.902	19.360	PASS
Band2	20MHz	256QAM	19100	100RB#0	17.902	19.320	PASS





Band2	20MHz	16QAM	18700	100RB#0	17.942	19.280	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.942	19.400	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.902	19.280	PASS



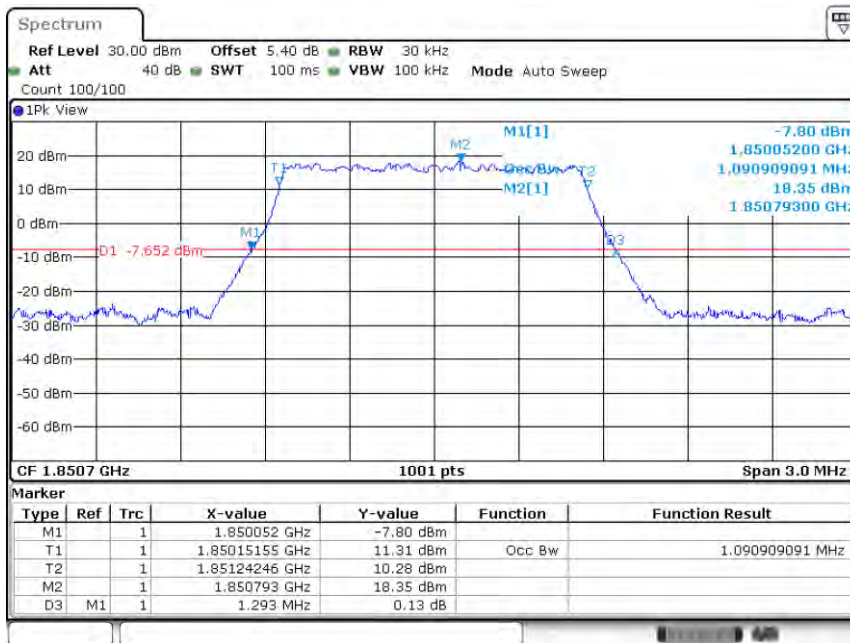
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



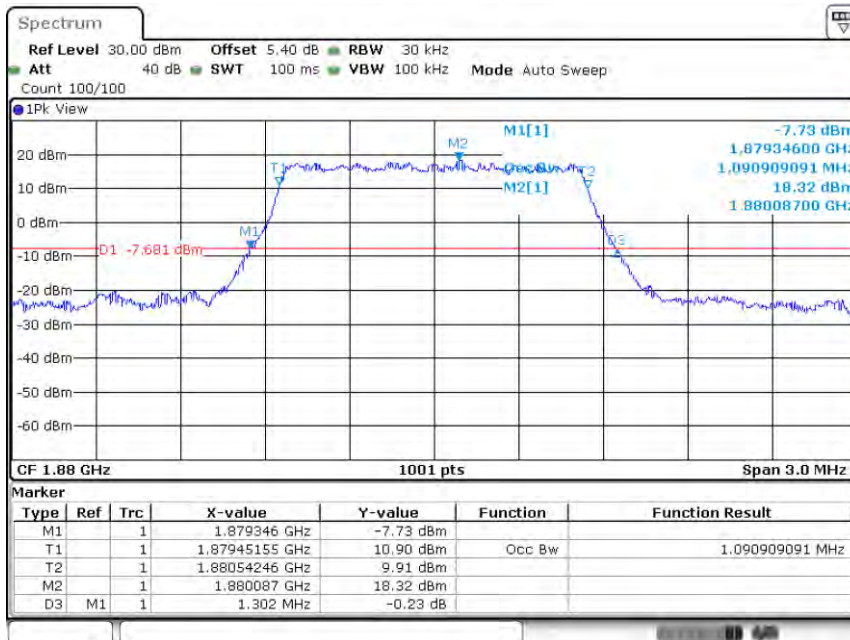
4.2. Test Plots

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



Date: 12.MAY.2021 01:03:52

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



Date: 12.MAY.2021 01:04:32

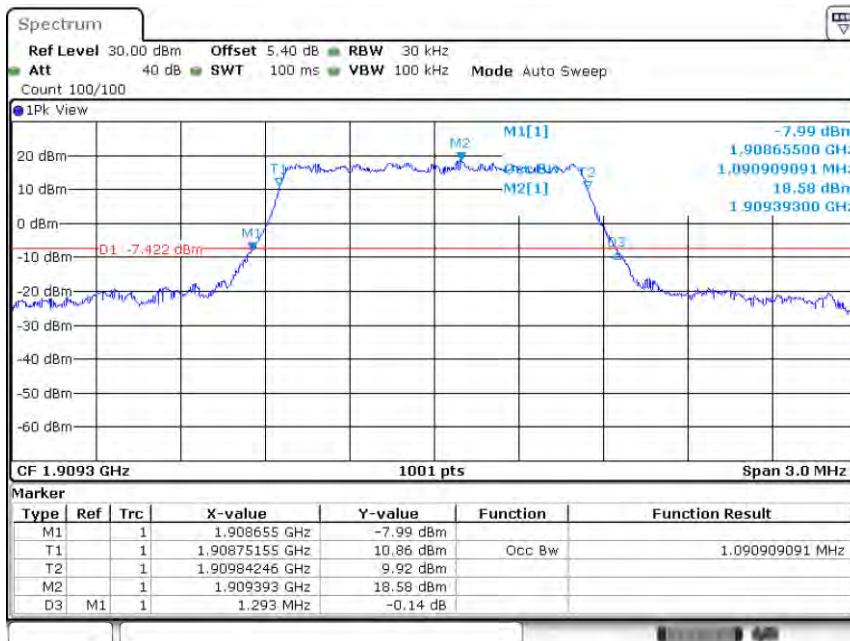


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
No.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

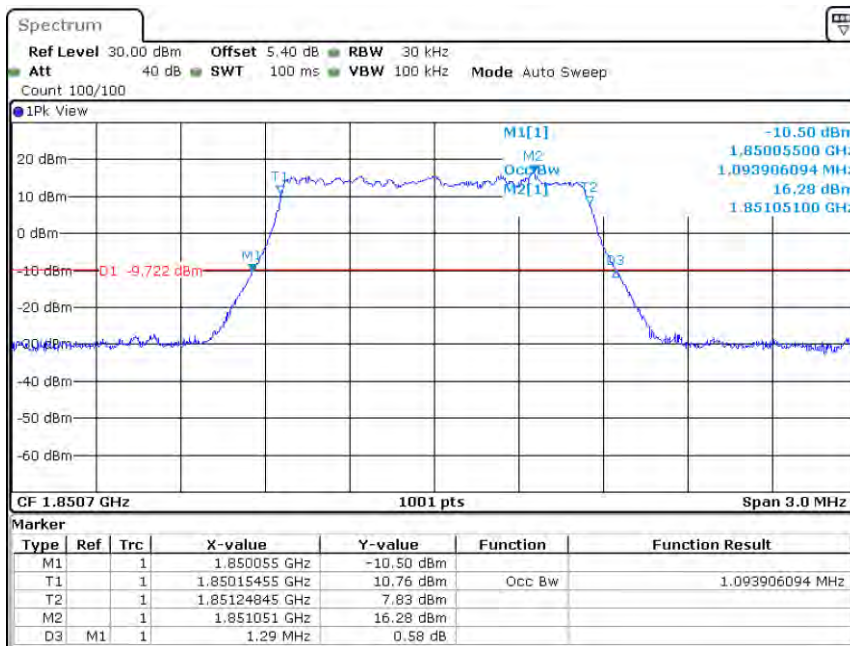


Band2-1.4MHz-QPSK-19193-6RB#0-1.091



Date: 12 MAY 2021 01:05:11

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

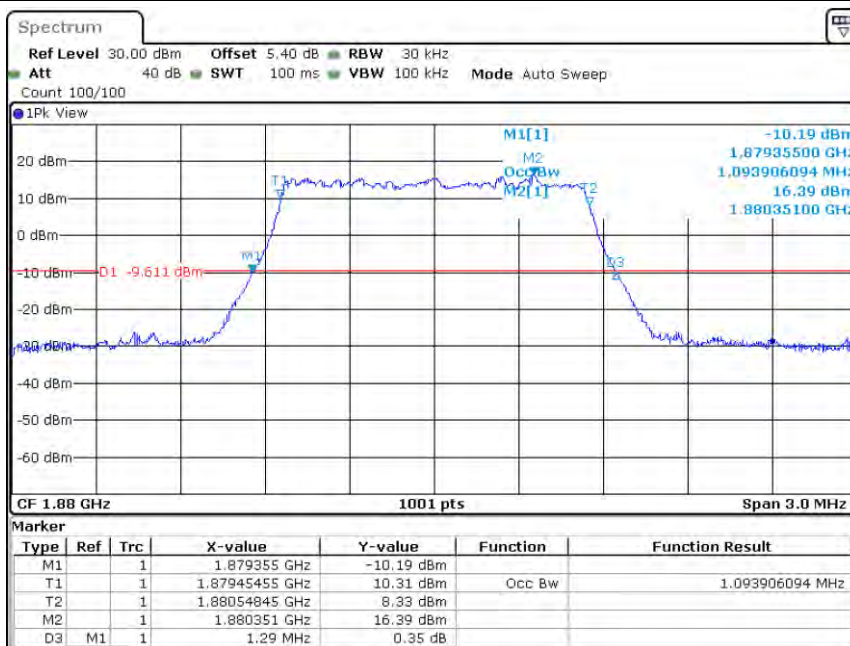


Date: 16 MAY 2021 10:18:30



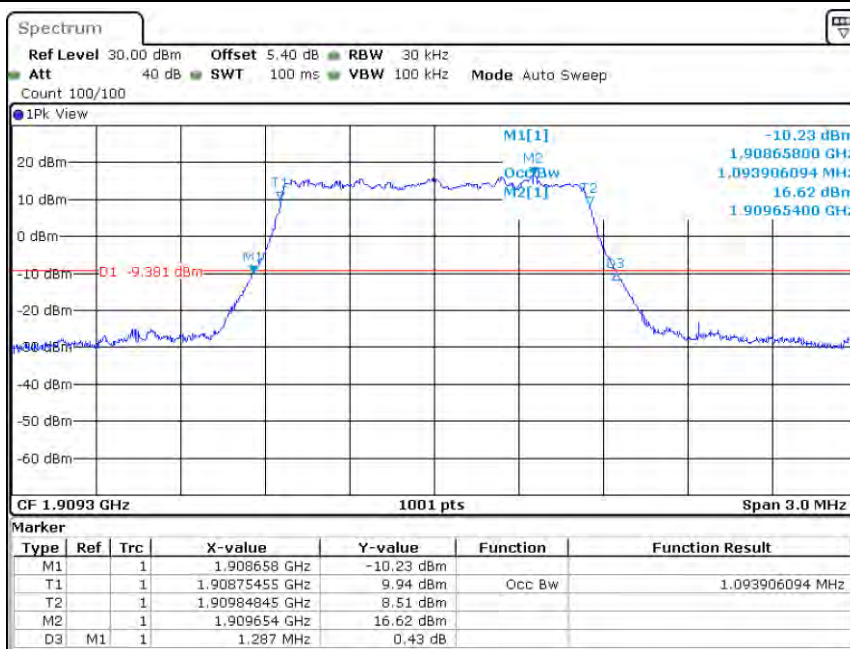


Band2-1.4MHz-64QAM-18900-6RB#0-1.094



Date: 16.MAY.2021 10:18:51

Band2-1.4MHz-64QAM-19193-6RB#0-1.094



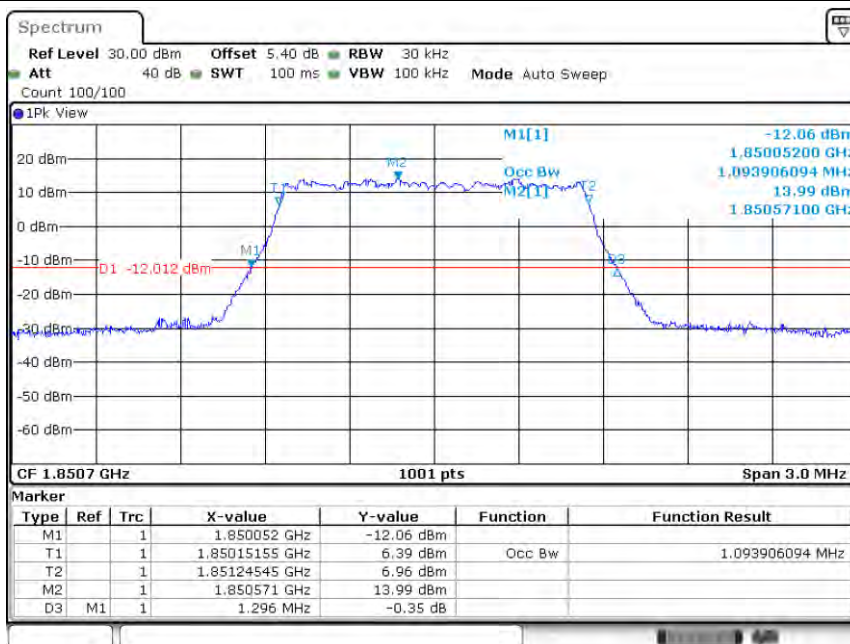
Date: 16.MAY.2021 10:19:11



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

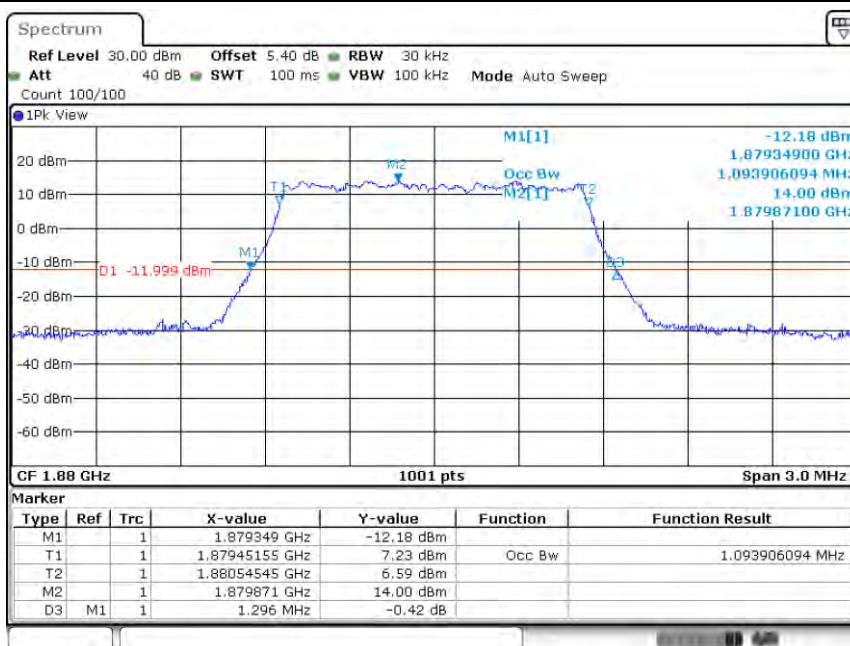
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
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-256QAM-18607-6RB#0-1.094



Date: 5.MAY.2021 02:38:49

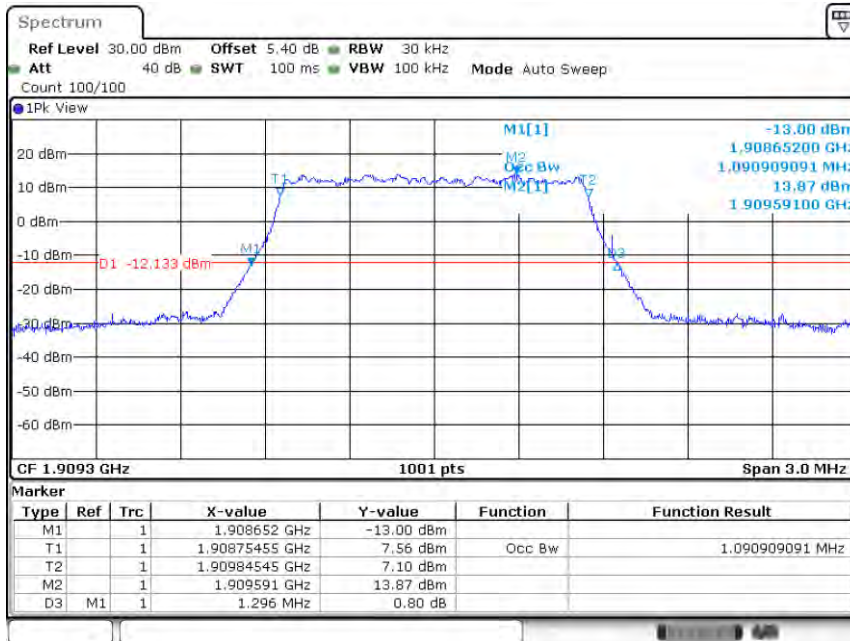
Band2-1.4MHz-256QAM-18900-6RB#0-1.094



Date: 5.MAY.2021 02:39:09

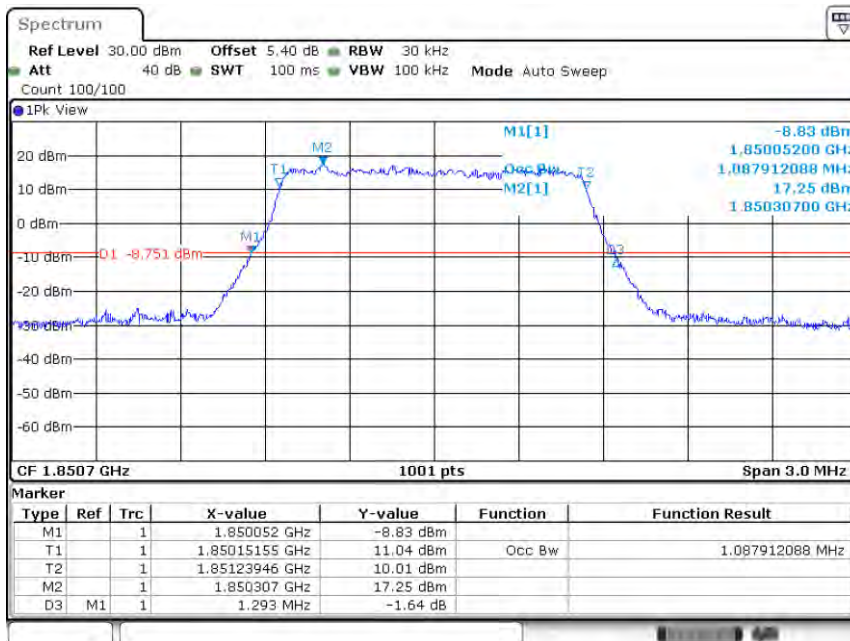


Band2-1.4MHz-256QAM-19193-6RB#0-1.091



Date: 5.MAY.2021 02:39:29

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



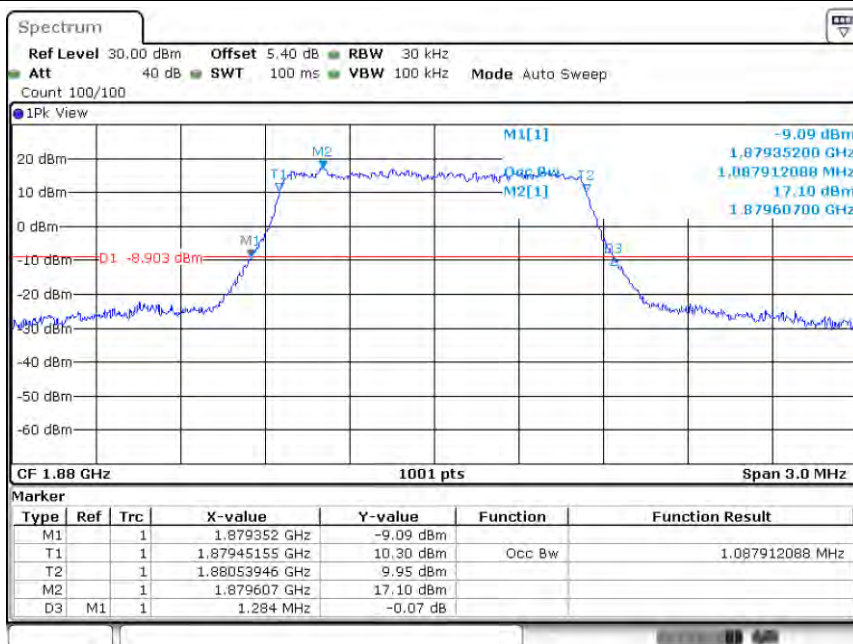
Date: 12.MAY.2021 01:04:12



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.

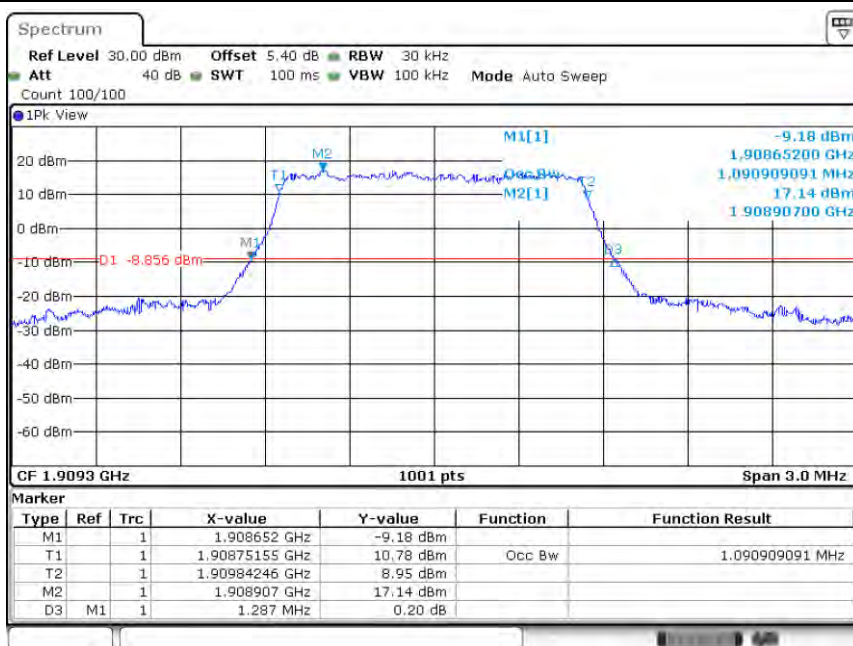
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

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



Date: 12 MAY 2021 01:04:51

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



Date: 12 MAY 2021 01:05:31



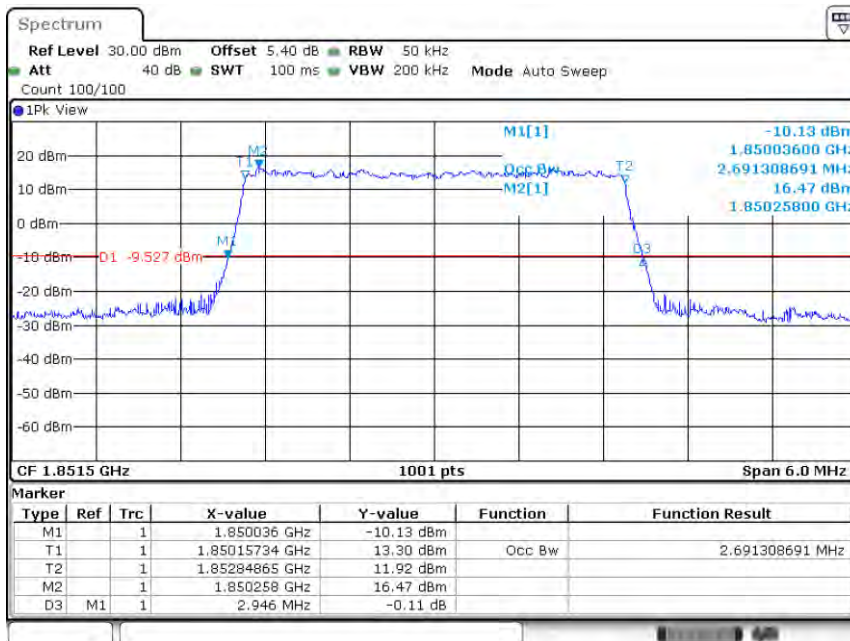
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (Shenzhen) CMAA Laboratory

Unless otherwise agreed in writing this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is deemed to have accepted the Terms and Conditions of the document and the Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is strictly prohibited and may result in severe civil or criminal penalties, damages and/or legal action. The results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

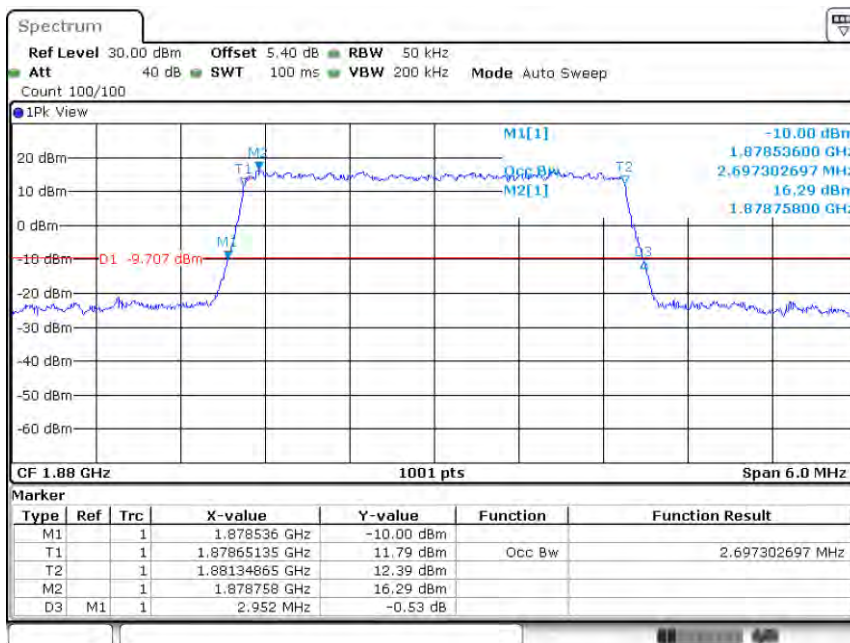


Band2-3MHz-QPSK-18615-15RB#0-2.691



Date: 12 MAY.2021 01:05:57

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



Date: 12 MAY.2021 01:06:36

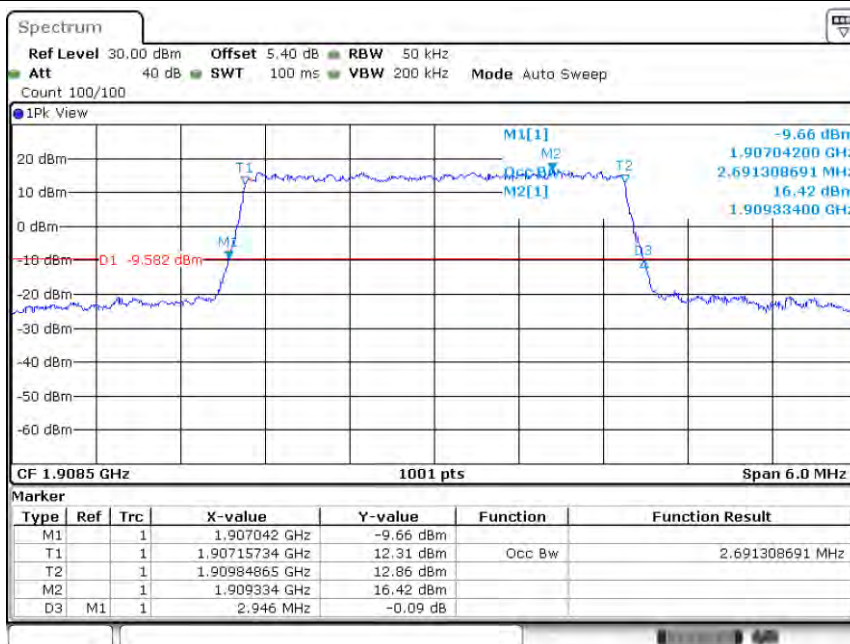


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

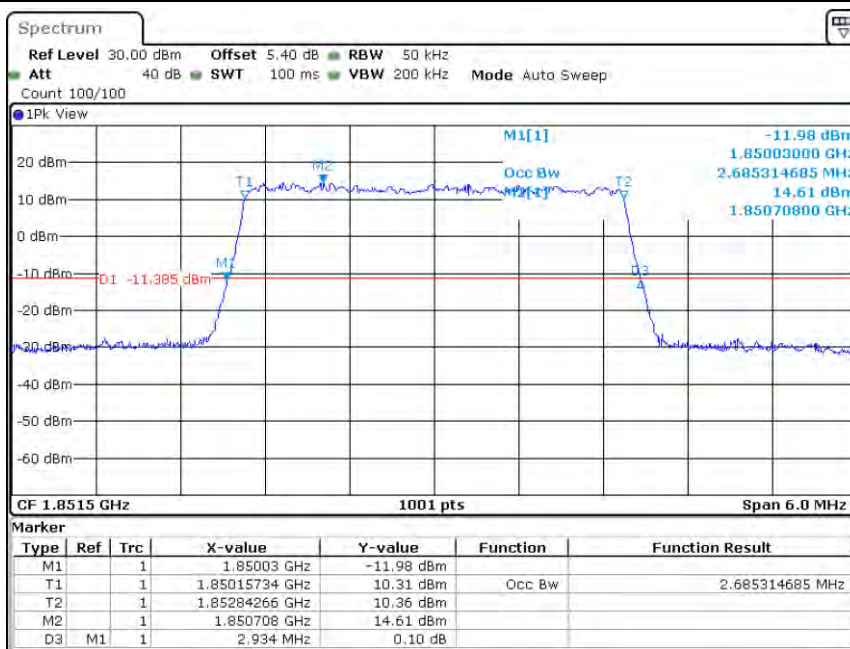


Band2-3MHz-QPSK-19185-15RB#0-2.691



Date: 12.MAY.2021 01:07:16

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



Date: 16.MAY.2021 10:19:37

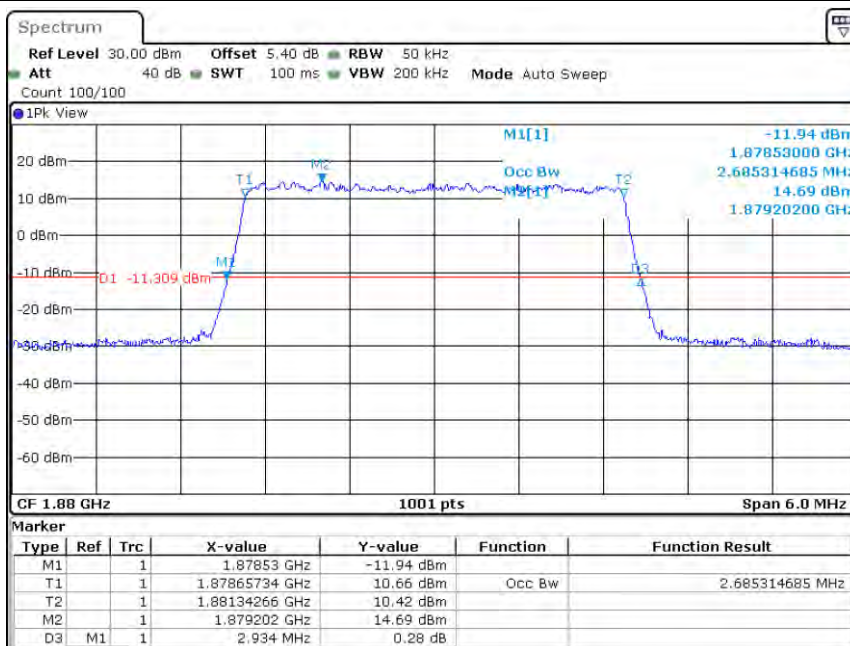


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

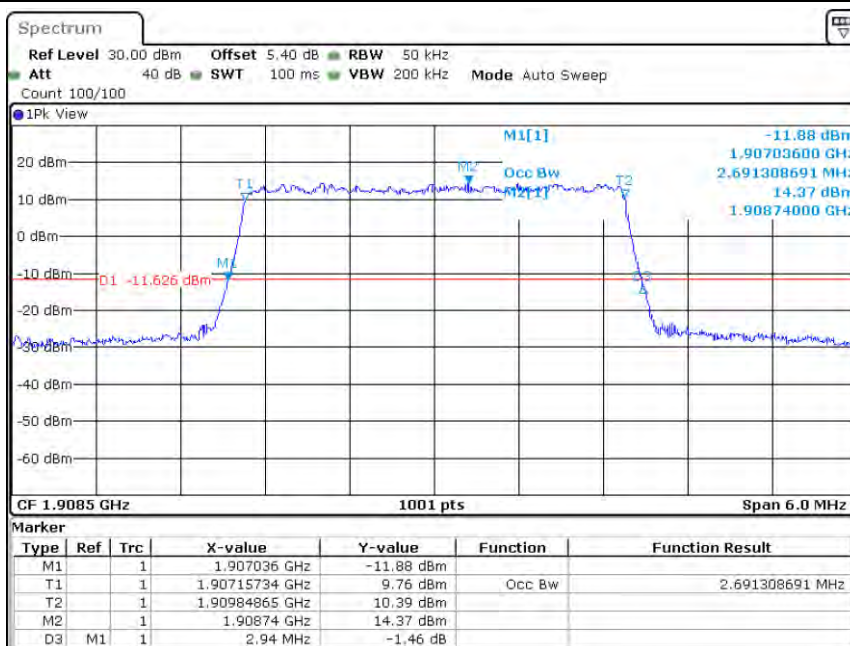


Band2-3MHz-64QAM-18900-15RB#0-2.685



Date: 16.MAY.2021 10:19:58

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



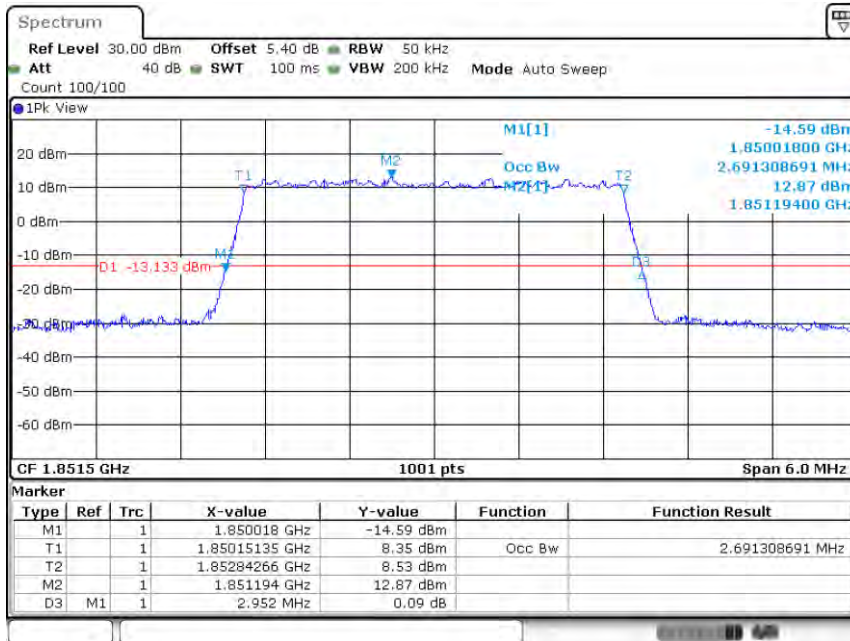
Date: 16.MAY.2021 10:20:18



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.

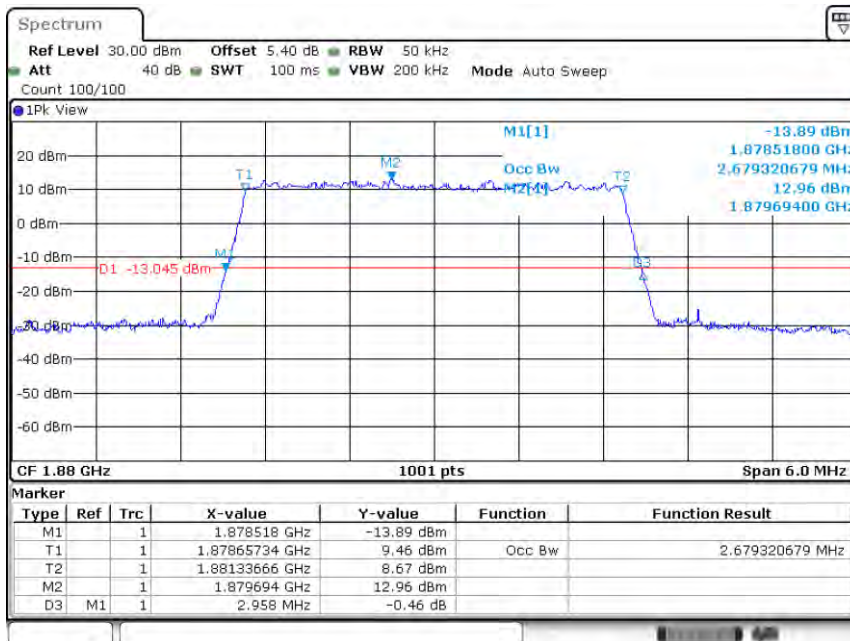
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band2-3MHz-256QAM-18615-15RB#0-2.691



Date: 5.MAY.2021 02:39:55

Band2-3MHz-256QAM-18900-15RB#0-2.679



Date: 5.MAY.2021 02:40:15

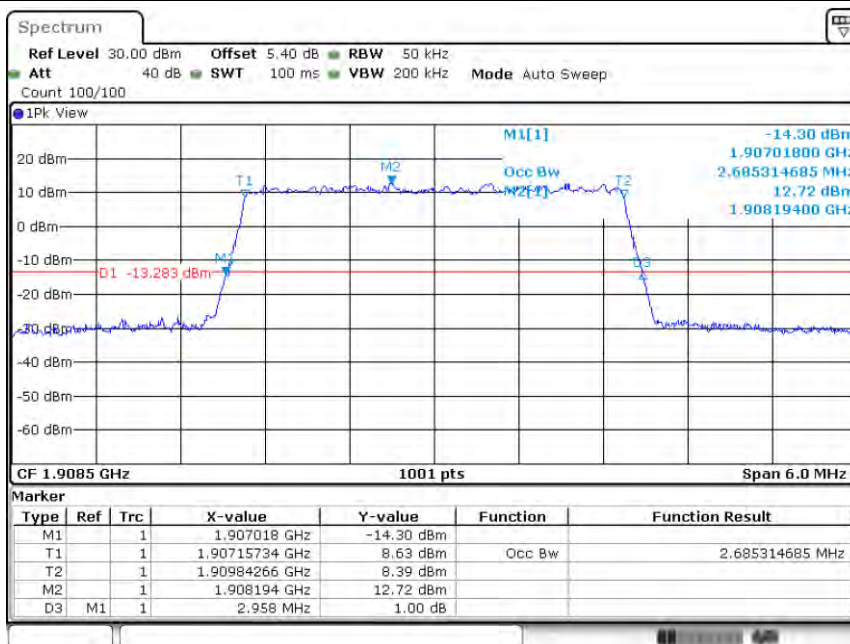


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
 No.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

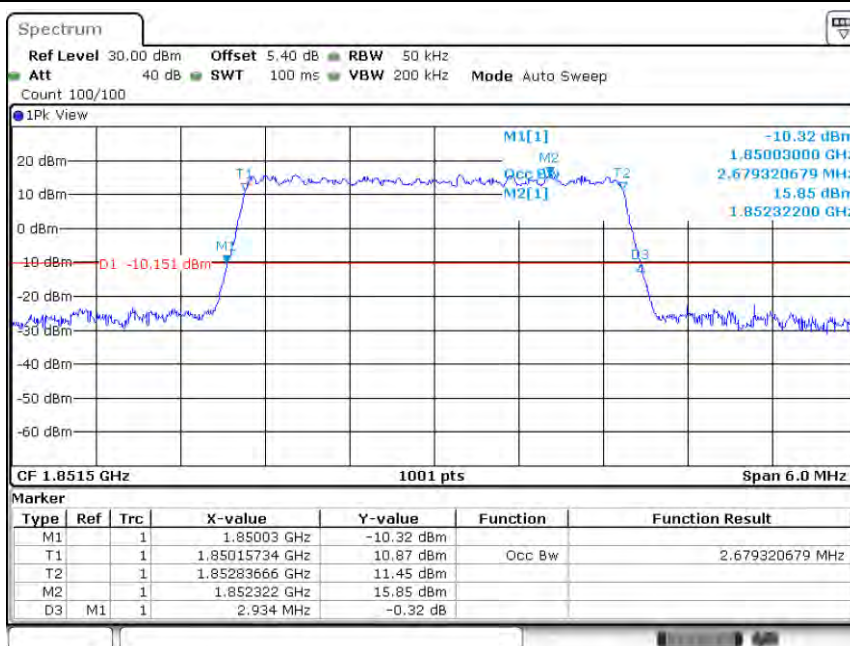


Band2-3MHz-256QAM-19185-15RB#0-2.685



Date: 5.MAY.2021 02:40:34

Band2-3MHz-16QAM-18615-15RB#0-2.679



Date: 12.MAY.2021 01:06:16

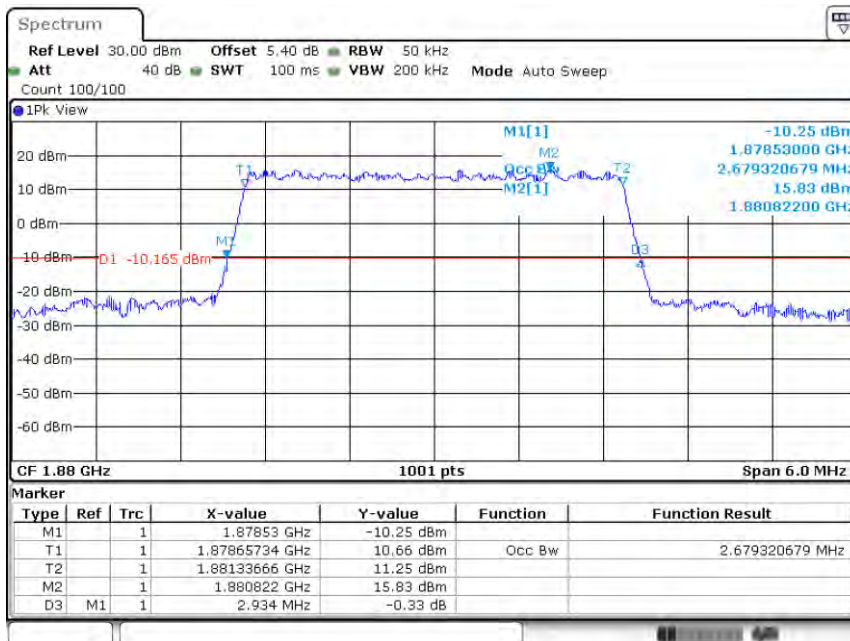


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

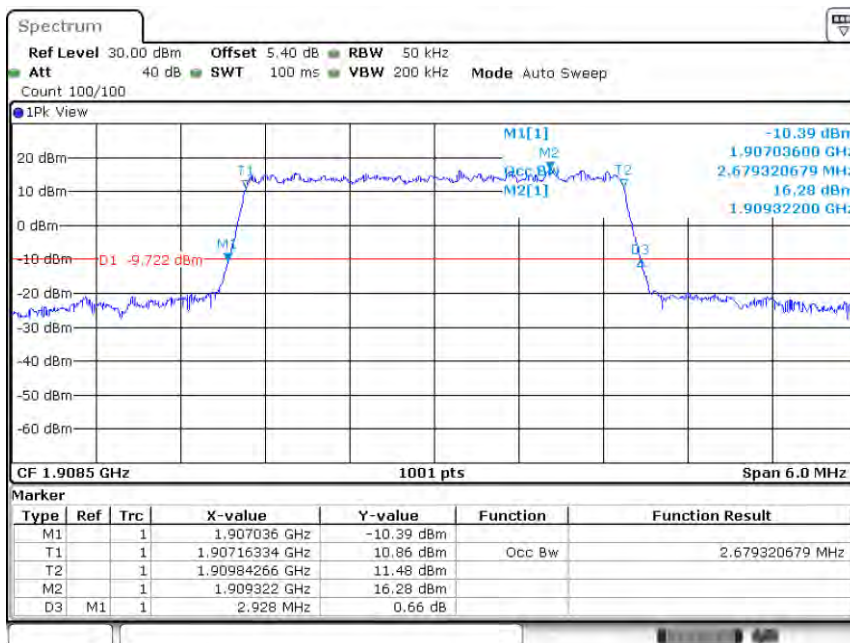


Band2-3MHz-16QAM-18900-15RB#0-2.679



Date: 12 MAY.2021 01:06:56

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

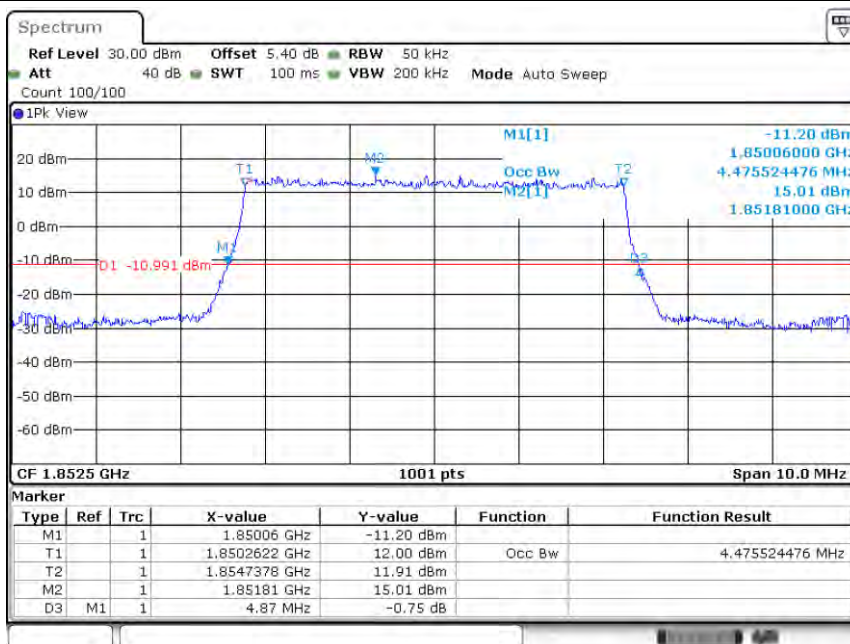


Date: 12 MAY.2021 01:07:35



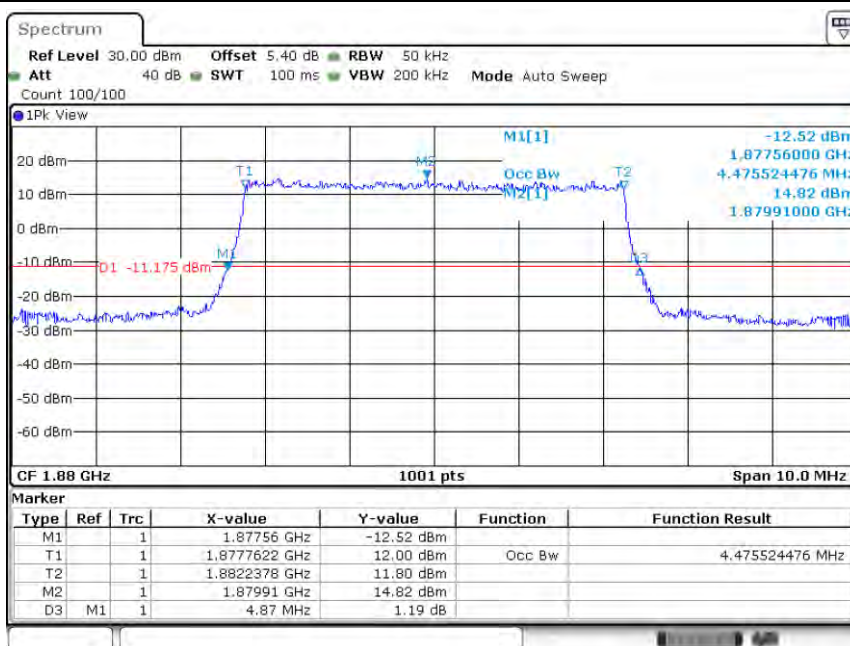


Band2-5MHz-QPSK-18625-25RB#0-4.476



Date: 12 MAY.2021 01:08:01

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

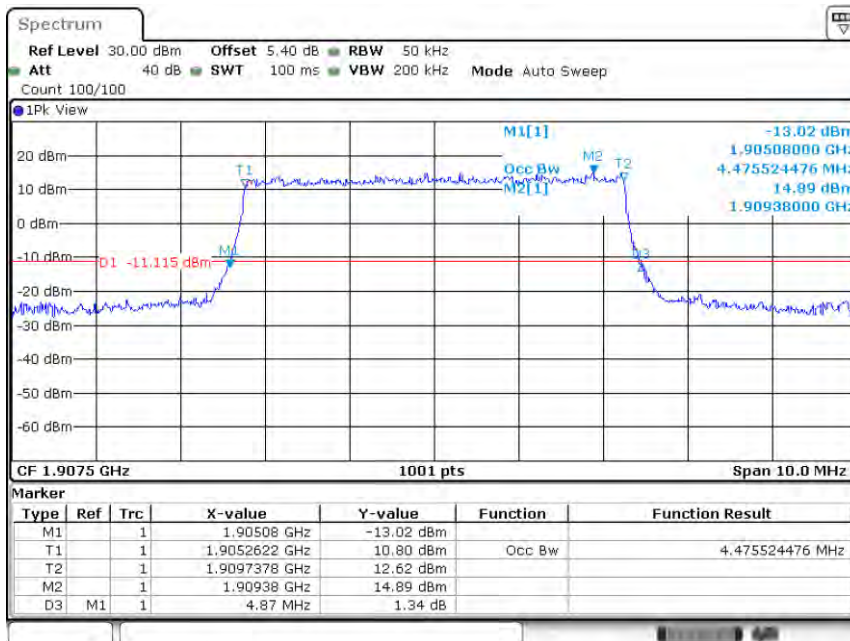


Date: 12 MAY.2021 01:08:40



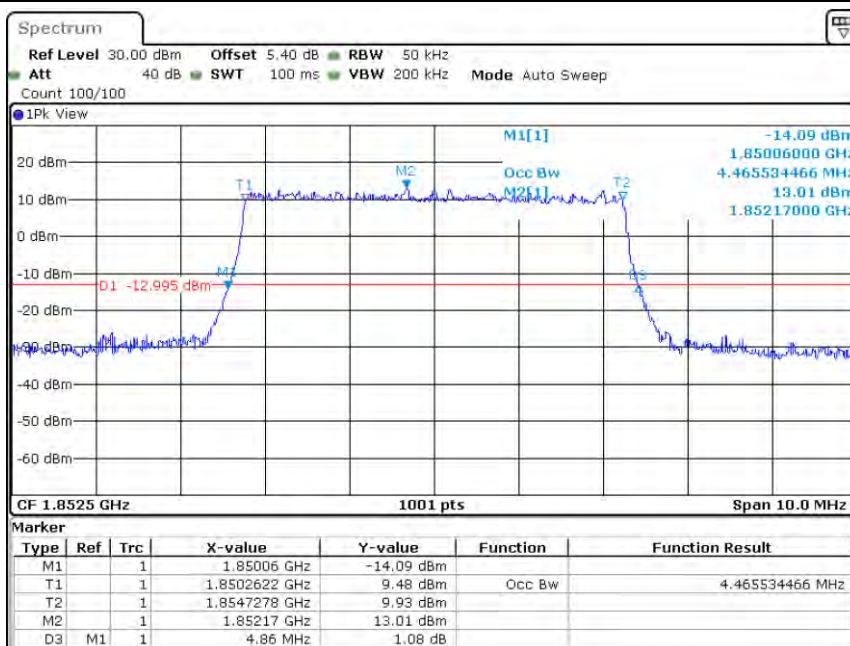


Band2-5MHz-QPSK-19175-25RB#0-4.476



Date: 12 MAY.2021 01:09:20

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



Date: 16 MAY.2021 10:20:44

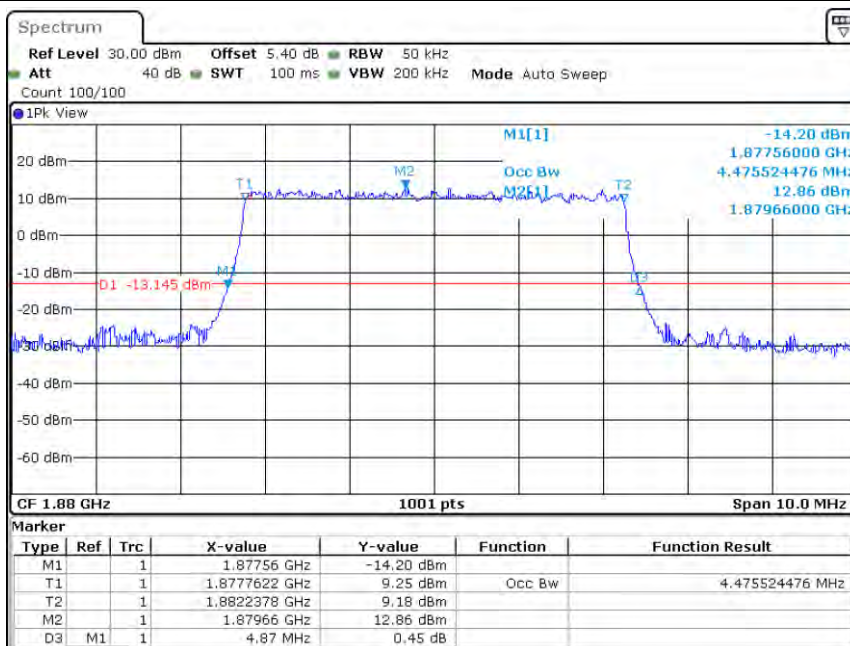


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.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

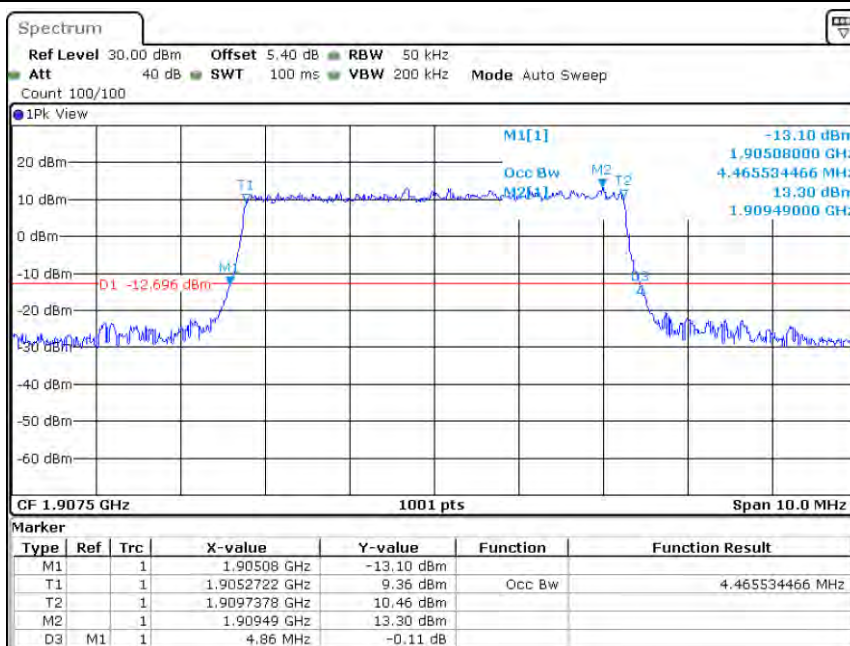


Band2-5MHz-64QAM-18900-25RB#0-4.476



Date: 16.MAY.2021 10:21:04

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



Date: 16.MAY.2021 10:21:24



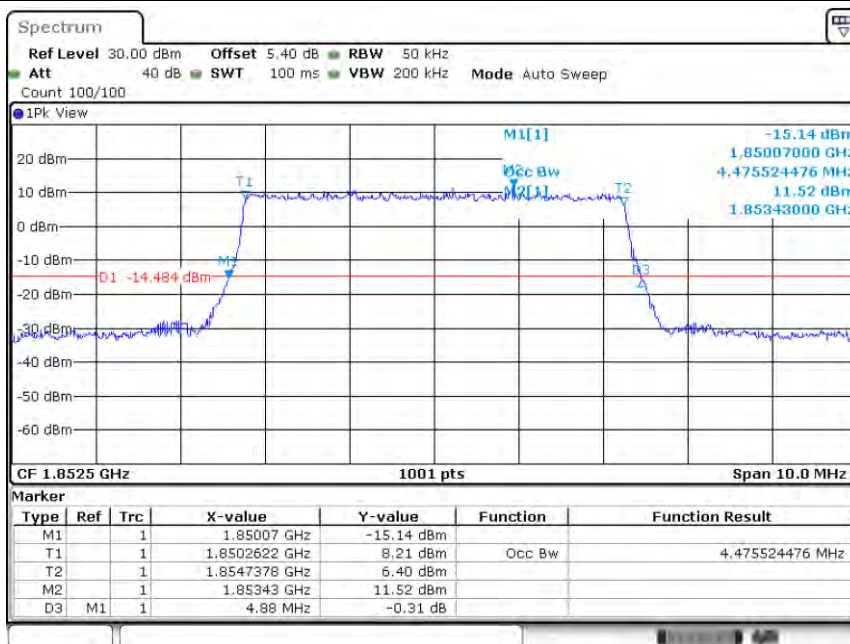
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.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

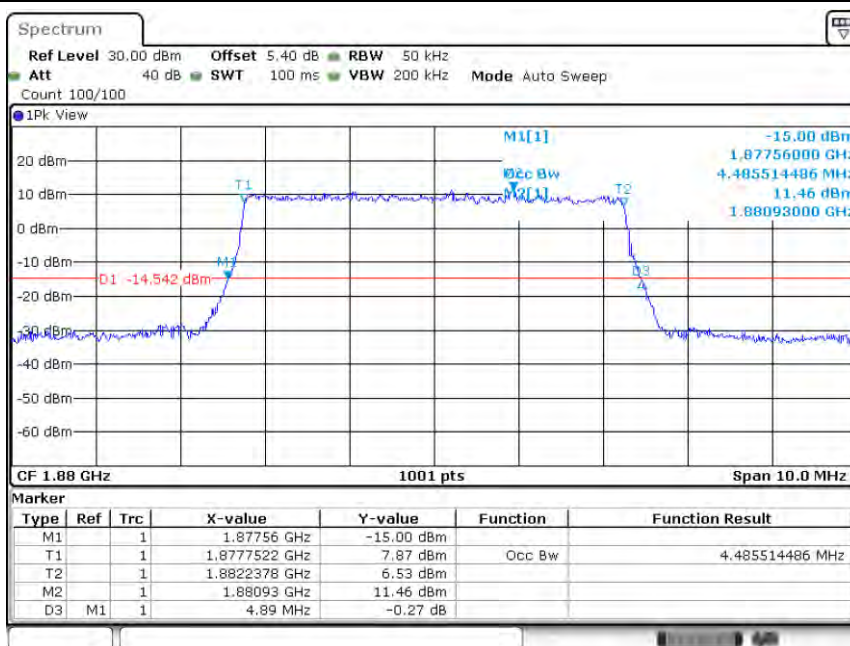


Band2-5MHz-256QAM-18625-25RB#0-4.476



Date: 5.MAY.2021 02:40:59

Band2-5MHz-256QAM-18900-25RB#0-4.486



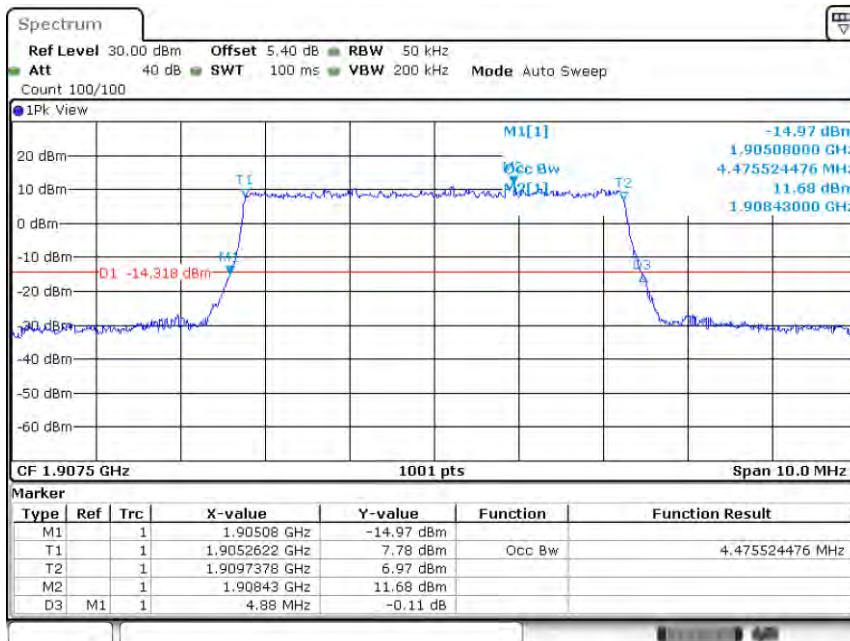
Date: 5.MAY.2021 02:41:19



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

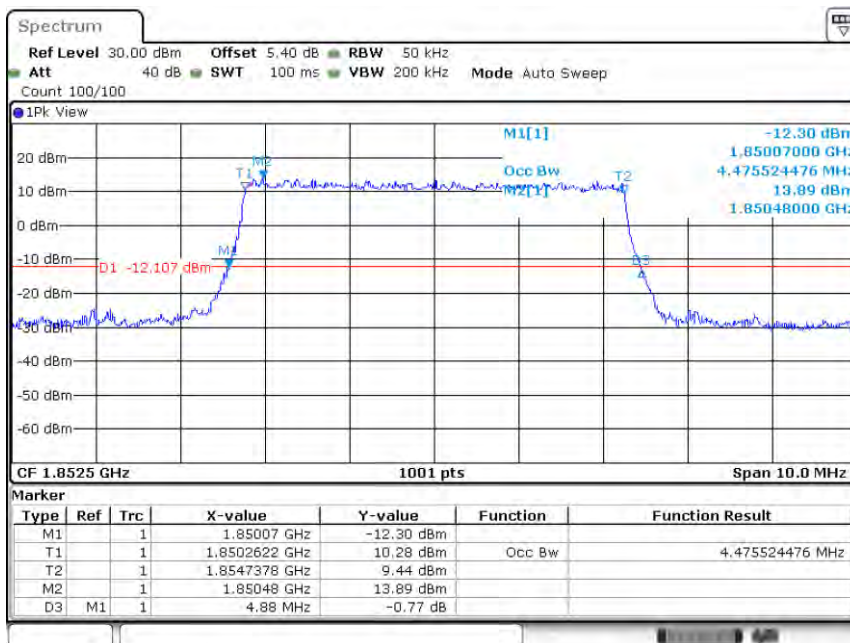
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
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-256QAM-19175-25RB#0-4.476



Date: 5.MAY.2021 02:41:39

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



Date: 12.MAY.2021 01:08:20

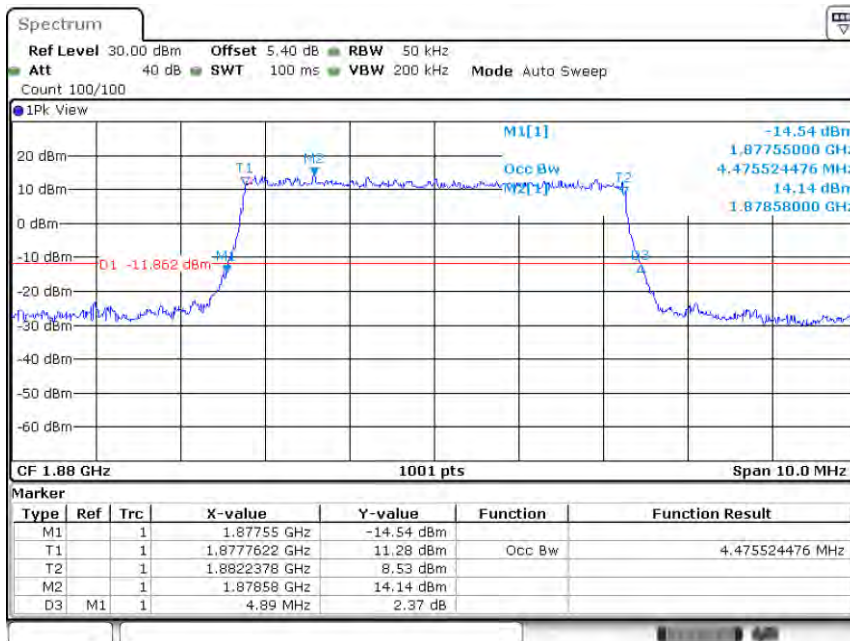


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

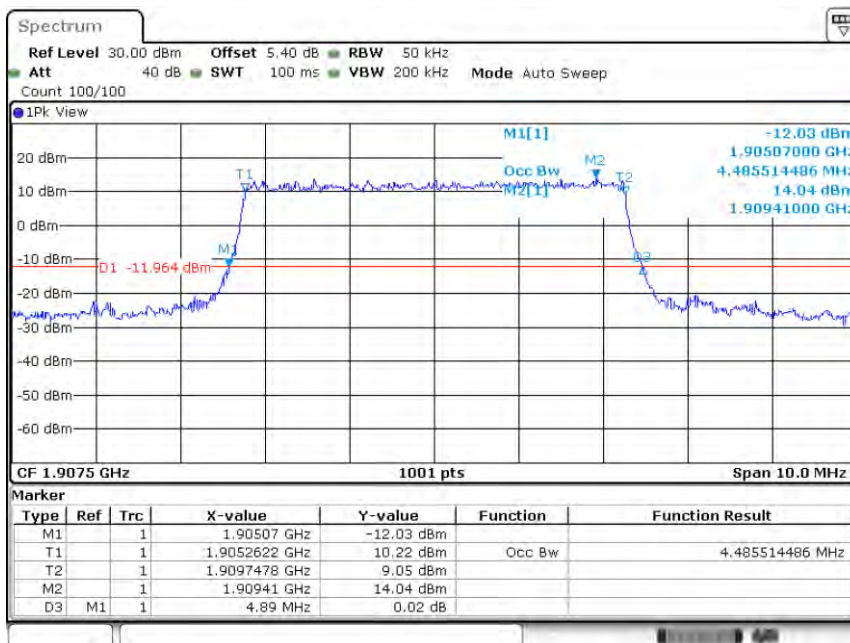


Band2-5MHz-16QAM-18900-25RB#0-4.476



Date: 12.MAY.2021 01:09:00

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



Date: 12.MAY.2021 01:09:40



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

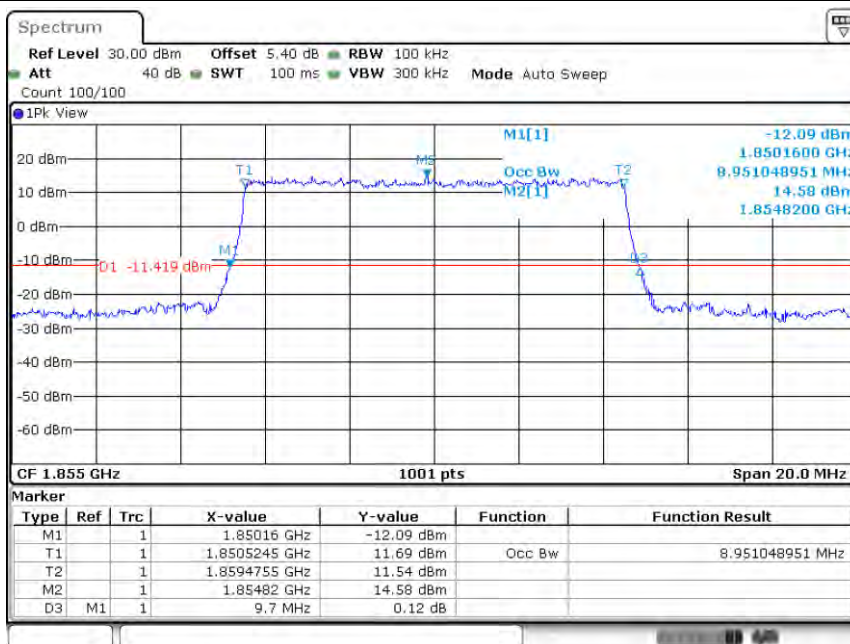
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

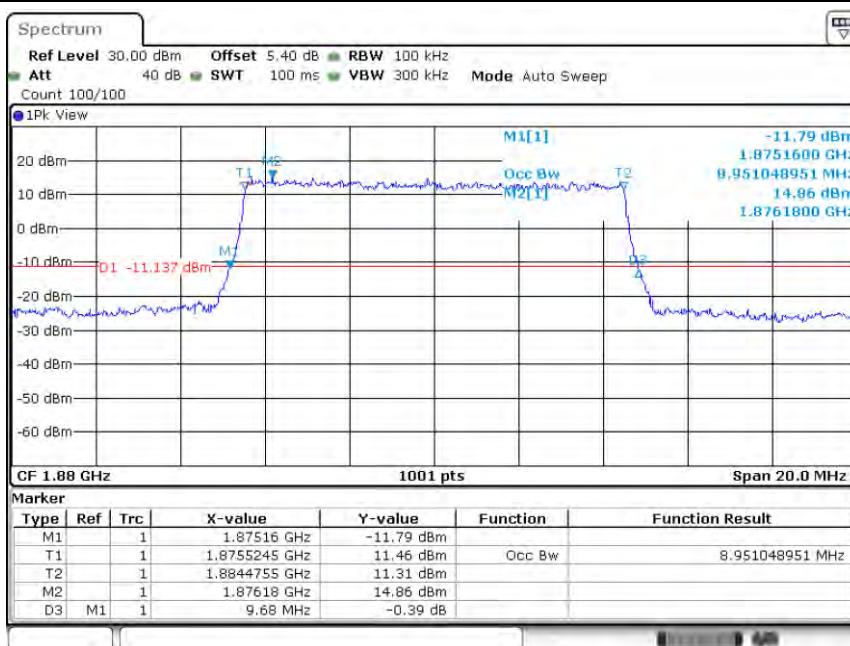


Band2-10MHz-QPSK-18650-50RB#0-8.951



Date: 12 MAY.2021 01:10:05

Band2-10MHz-QPSK-18900-50RB#0-8.951



Date: 12 MAY.2021 01:10:45

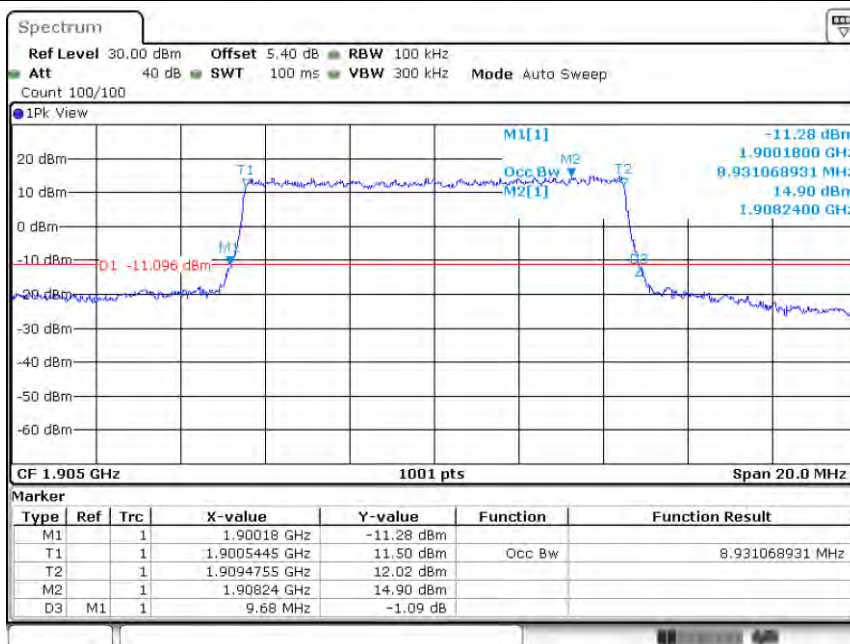


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

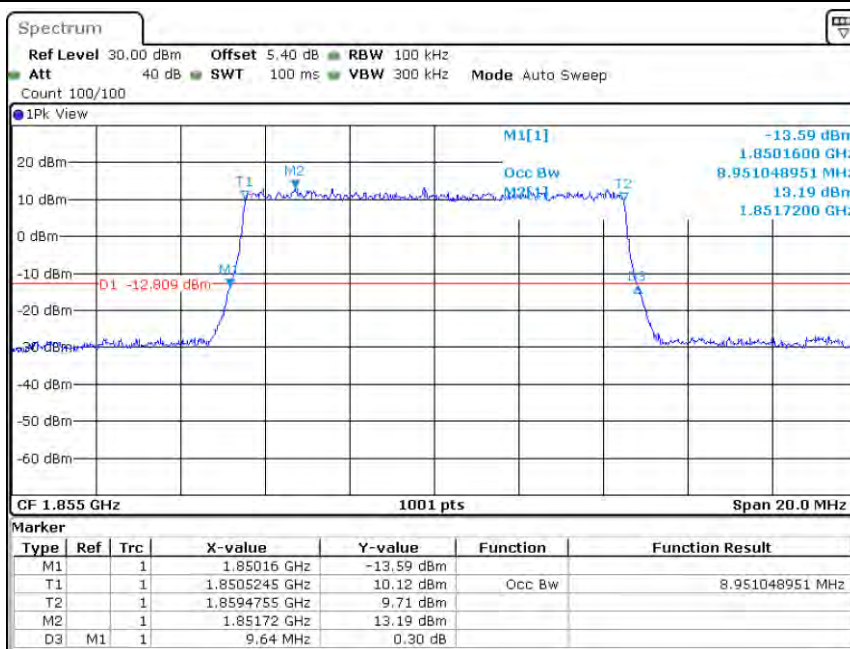


Band2-10MHz-QPSK-19150-50RB#0-8.931



Date: 12 MAY.2021 01:11:24

Band2-10MHz-64QAM-18650-50RB#0-8.951



Date: 16 MAY.2021 10:21:50

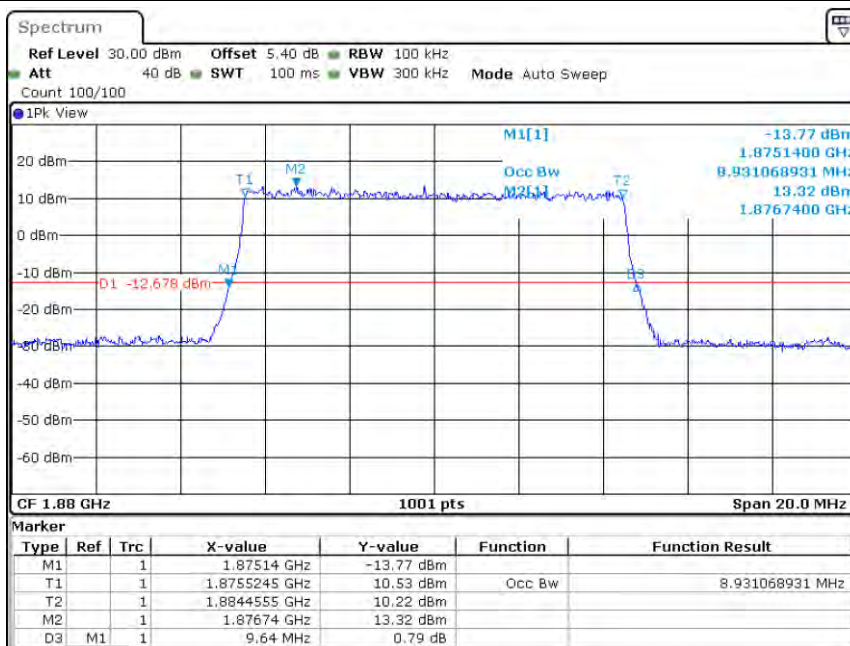


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

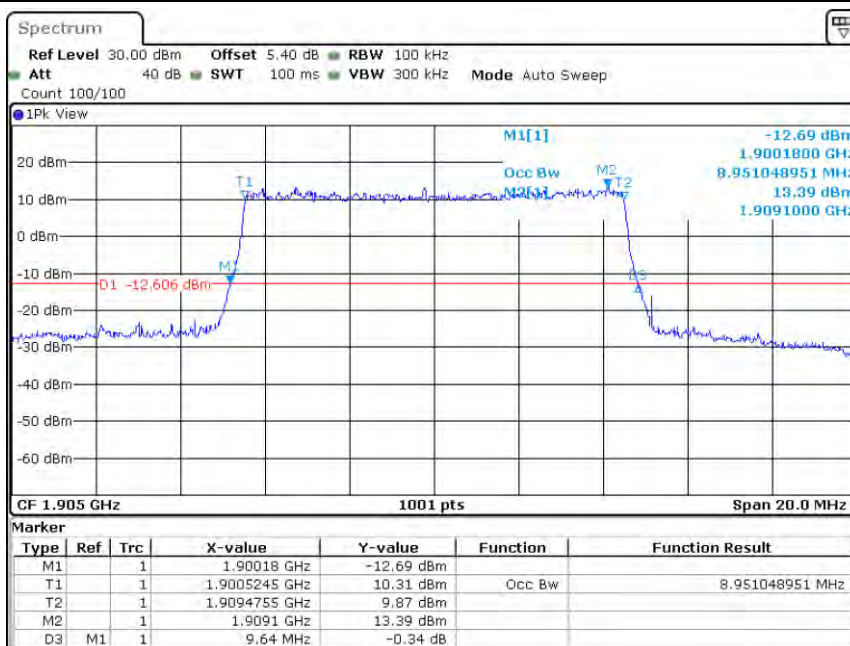


Band2-10MHz-64QAM-18900-50RB#0-8.931



Date: 16.MAY.2021 10:22:10

Band2-10MHz-64QAM-19150-50RB#0-8.951

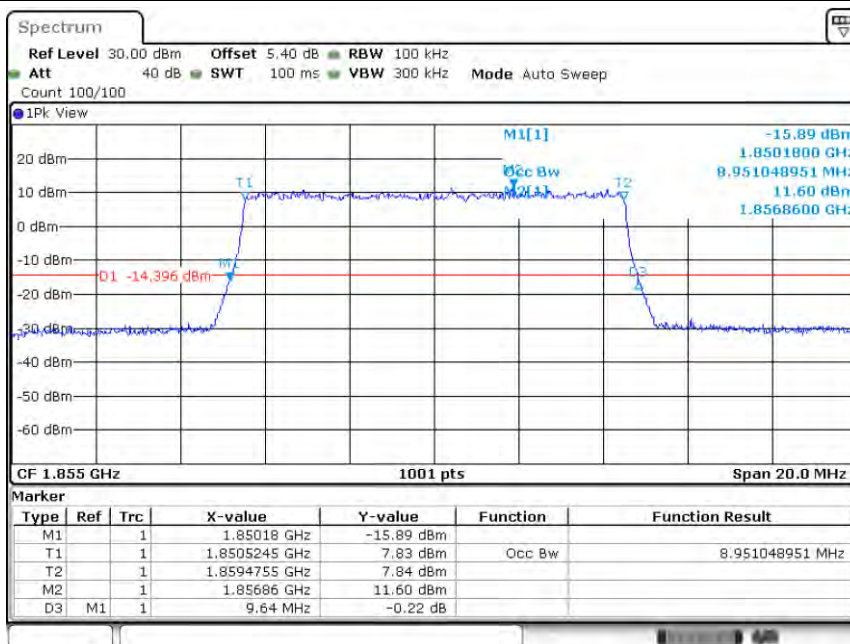


Date: 16.MAY.2021 10:22:30



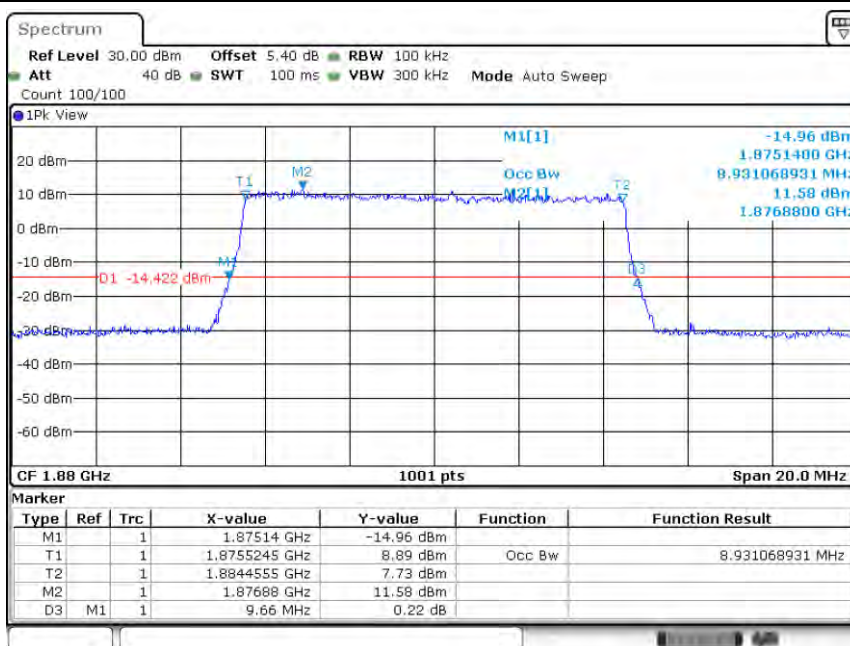


Band2-10MHz-256QAM-18650-50RB#0-8.951



Date: 5.MAY.2021 02:42:04

Band2-10MHz-256QAM-18900-50RB#0-8.931



Date: 5.MAY.2021 02:42:24

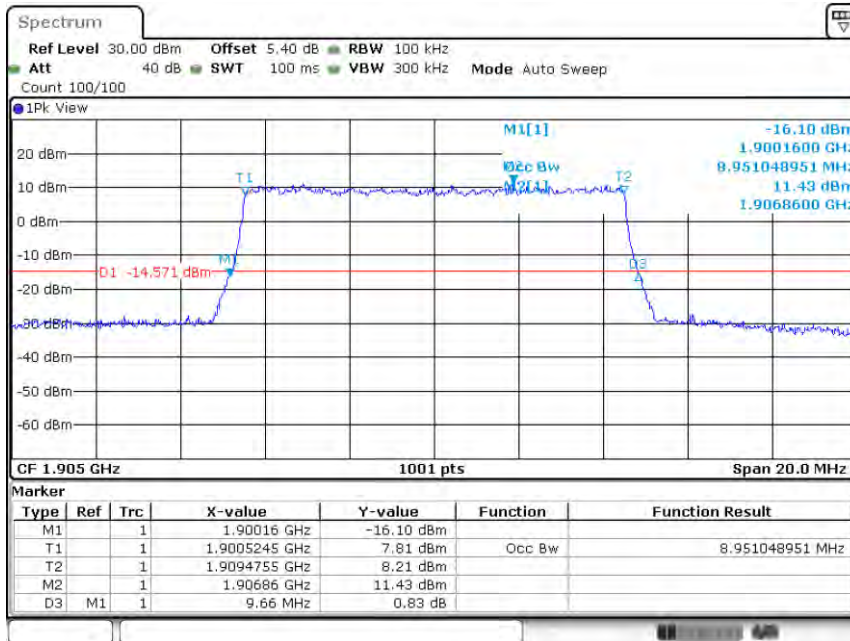


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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

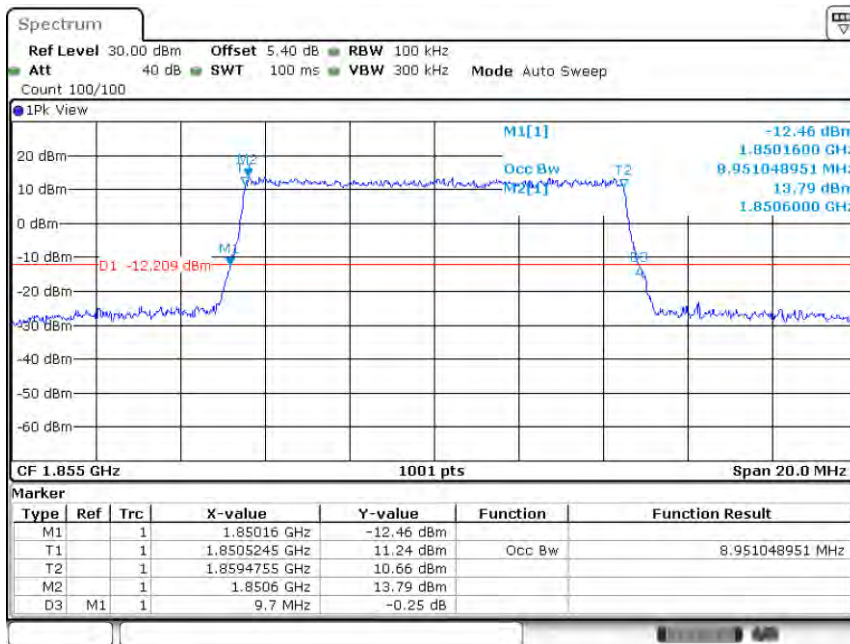
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band2-10MHz-256QAM-19150-50RB#0-8.951



Date: 5.MAY.2021 02:42:44

Band2-10MHz-16QAM-18650-50RB#0-8.951



Date: 12.MAY.2021 01:10:25

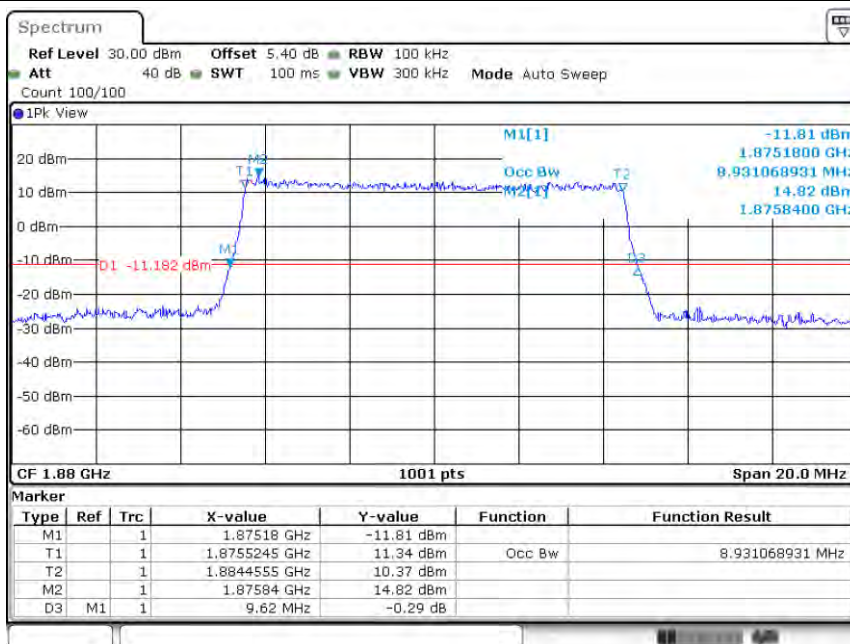


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

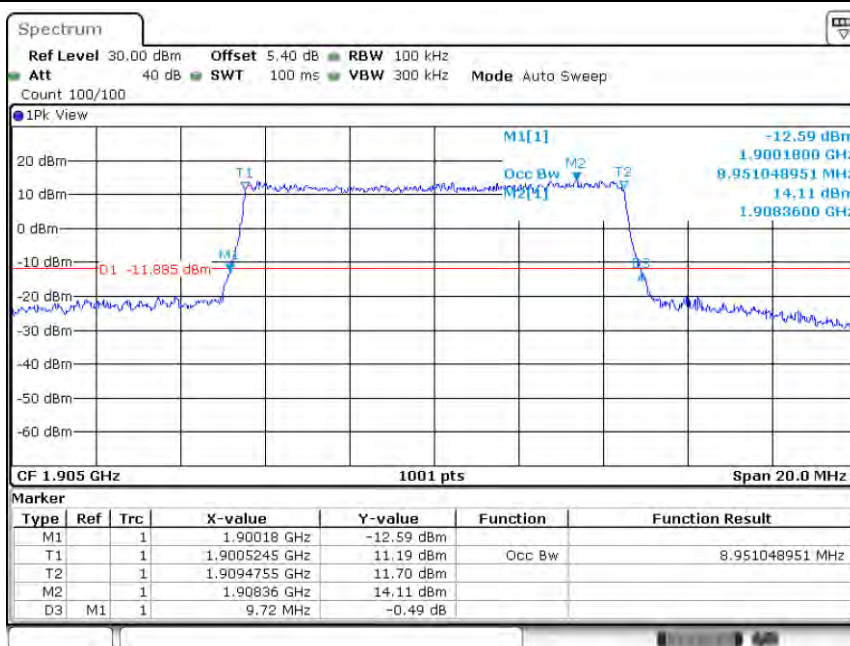


Band2-10MHz-16QAM-18900-50RB#0-8.931



Date: 12 MAY.2021 01:11:04

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



Date: 12 MAY.2021 01:11:44



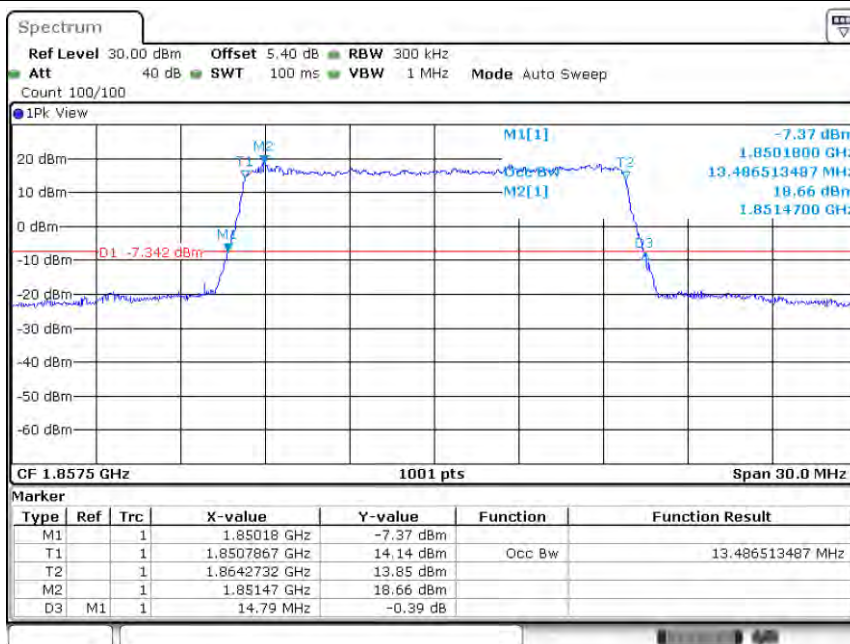
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

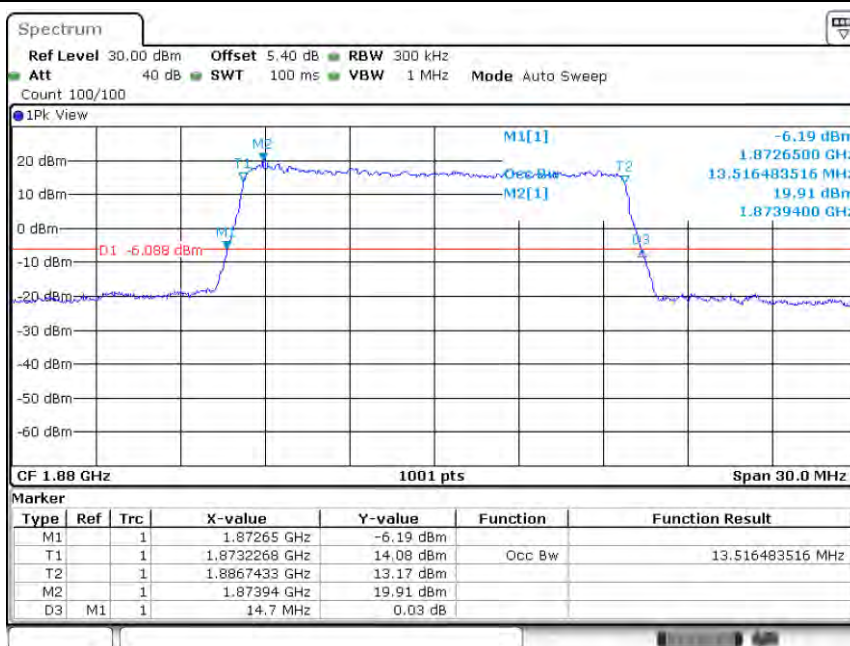


Band2-15MHz-QPSK-18675-75RB#0-13.487



Date: 12 MAY.2021 01:12:09

Band2-15MHz-QPSK-18900-75RB#0-13.516



Date: 12 MAY.2021 01:12:49



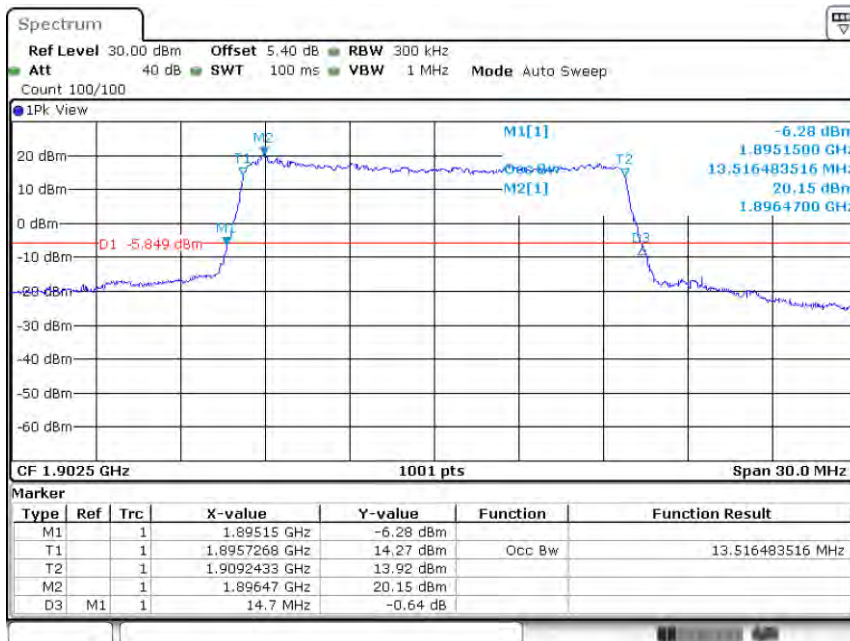
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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

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

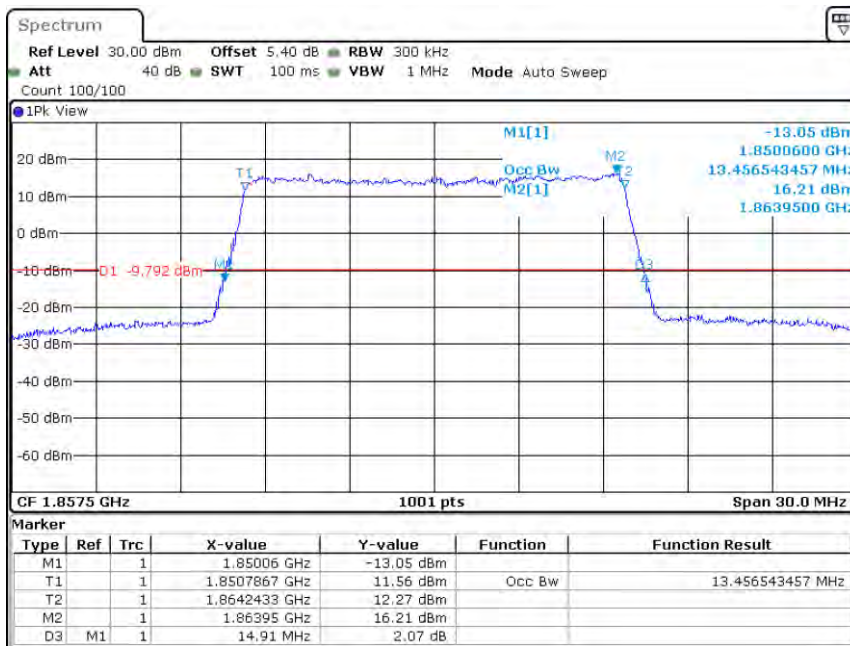


Band2-15MHz-QPSK-19125-75RB#0-13.516



Date: 12 MAY.2021 01:13:28

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



Date: 16 MAY.2021 10:22:57

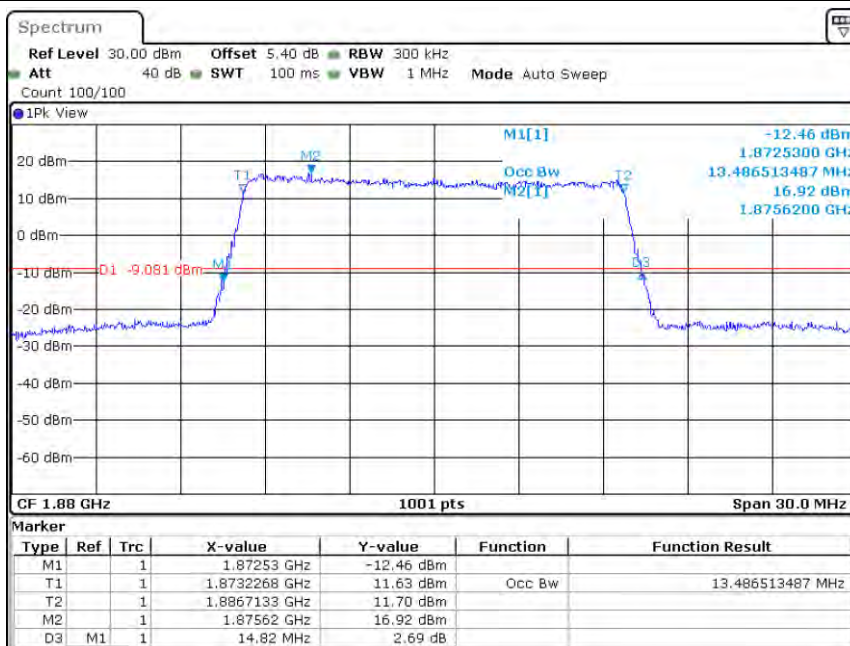


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

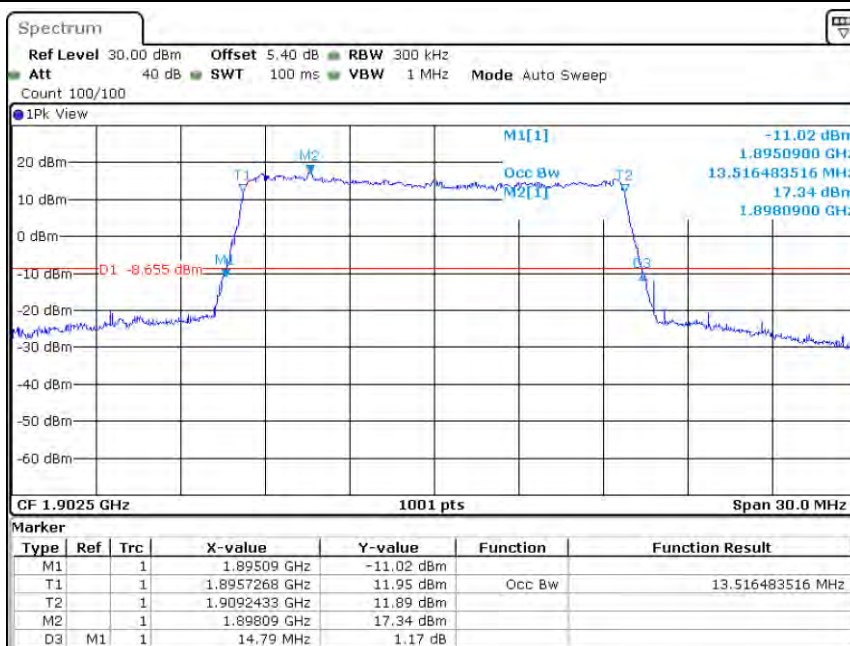


Band2-15MHz-64QAM-18900-75RB#0-13.487



Date: 16.MAY.2021 10:23:17

Band2-15MHz-64QAM-19125-75RB#0-13.516



Date: 16.MAY.2021 10:23:37

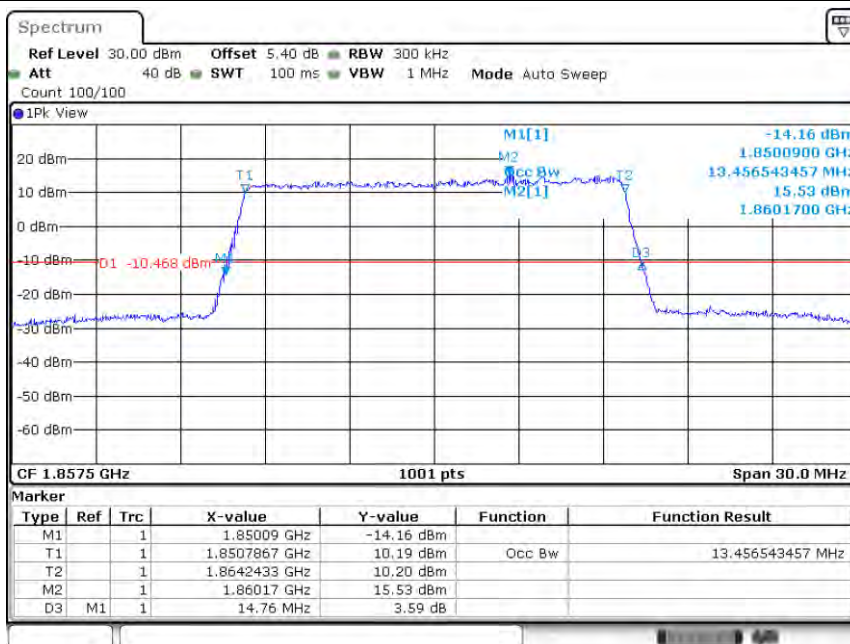


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.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

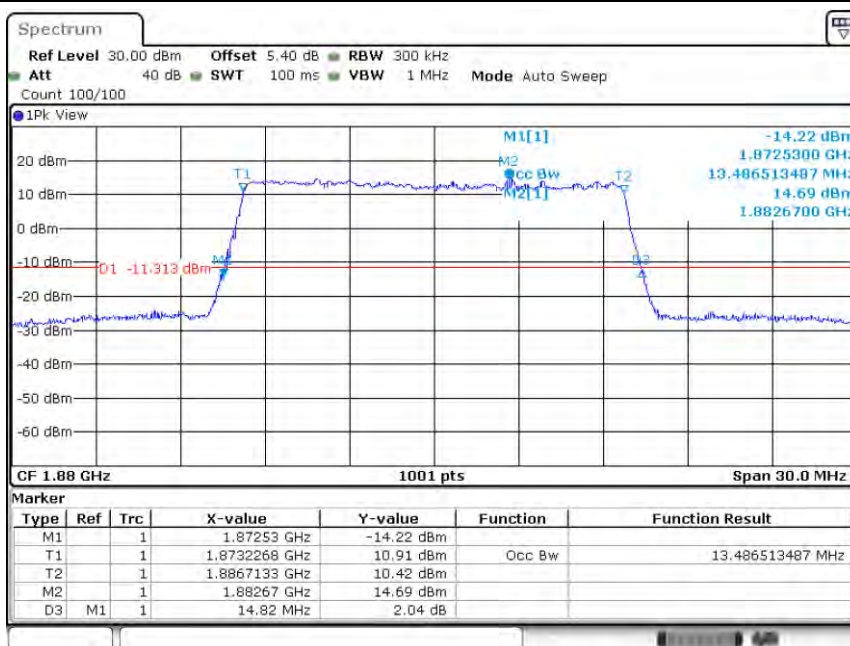


Band2-15MHz-256QAM-18675-75RB#0-13.457



Date: 5.MAY.2021 02:43:09

Band2-15MHz-256QAM-18900-75RB#0-13.487



Date: 5.MAY.2021 02:43:29

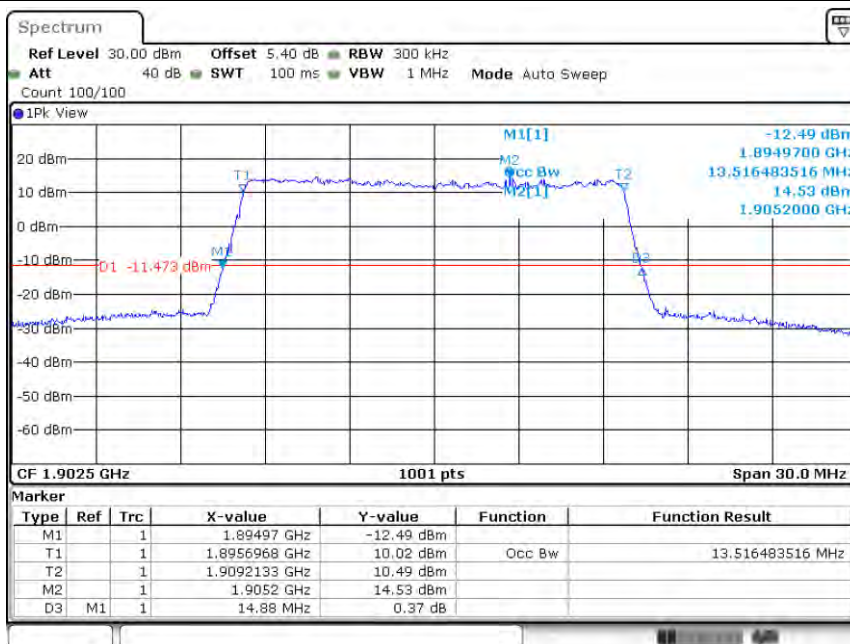


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
No.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

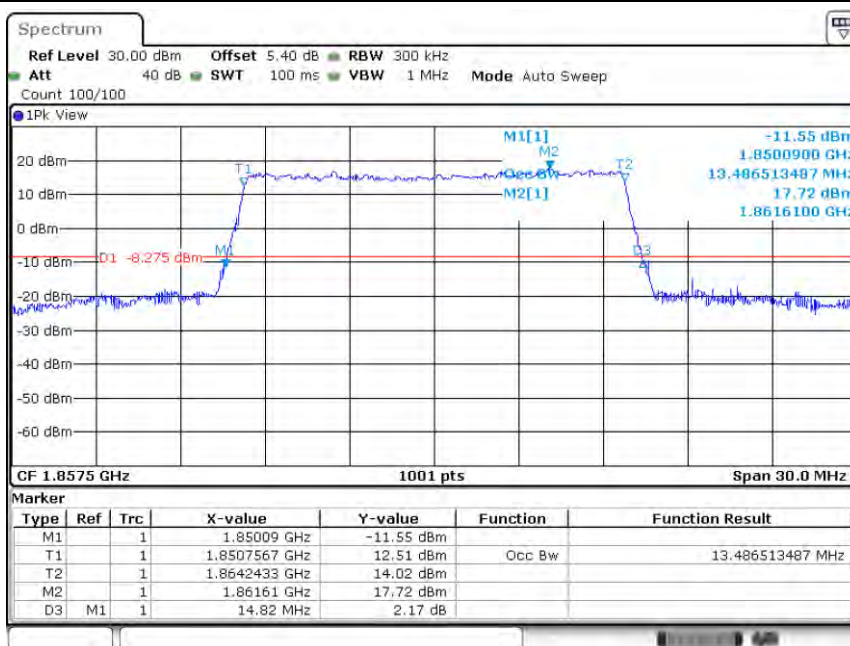


Band2-15MHz-256QAM-19125-75RB#0-13.516



Date: 5.MAY.2021 02:43:49

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

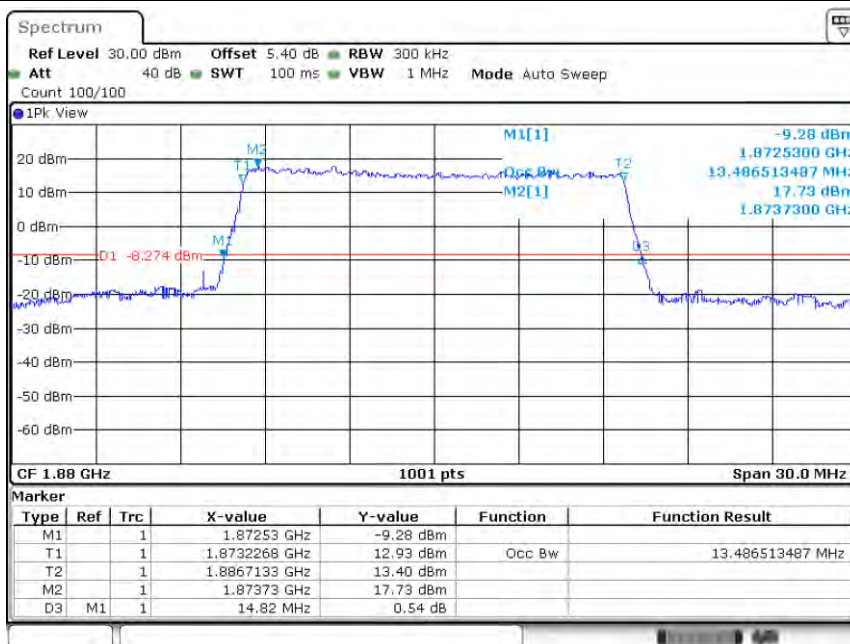


Date: 12.MAY.2021 01:12:29



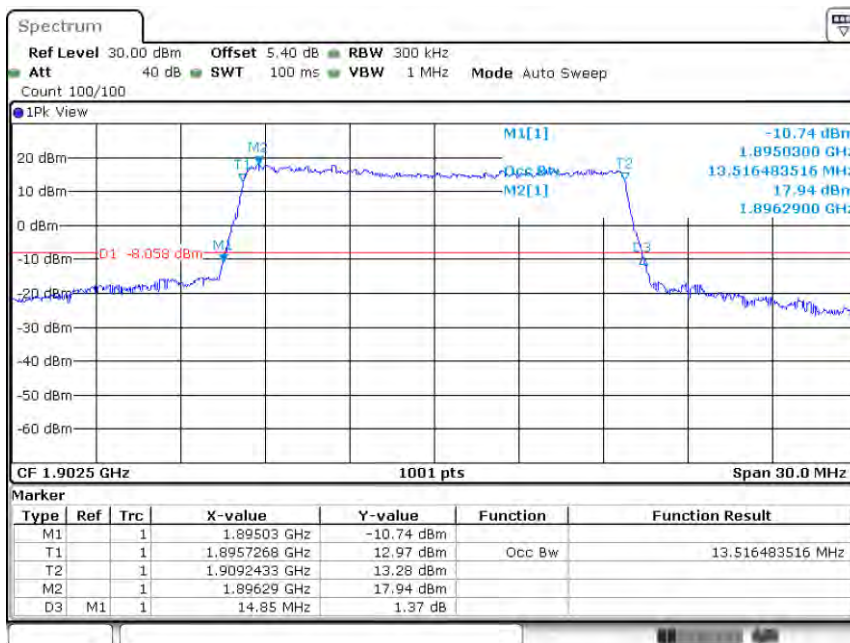


Band2-15MHz-16QAM-18900-75RB#0-13.487



Date: 12 MAY.2021 01:13:08

Band2-15MHz-16QAM-19125-75RB#0-13.516



Date: 12 MAY.2021 01:13:48

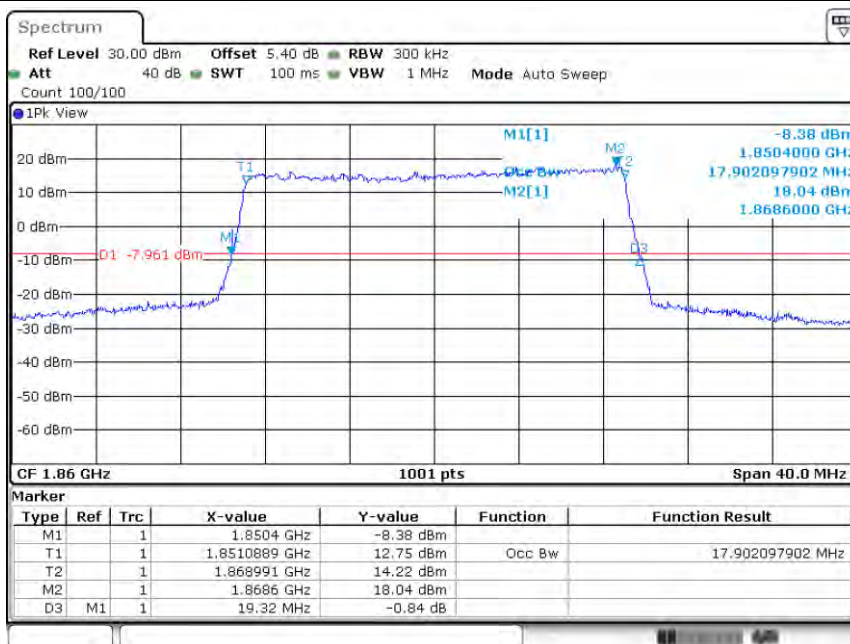


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

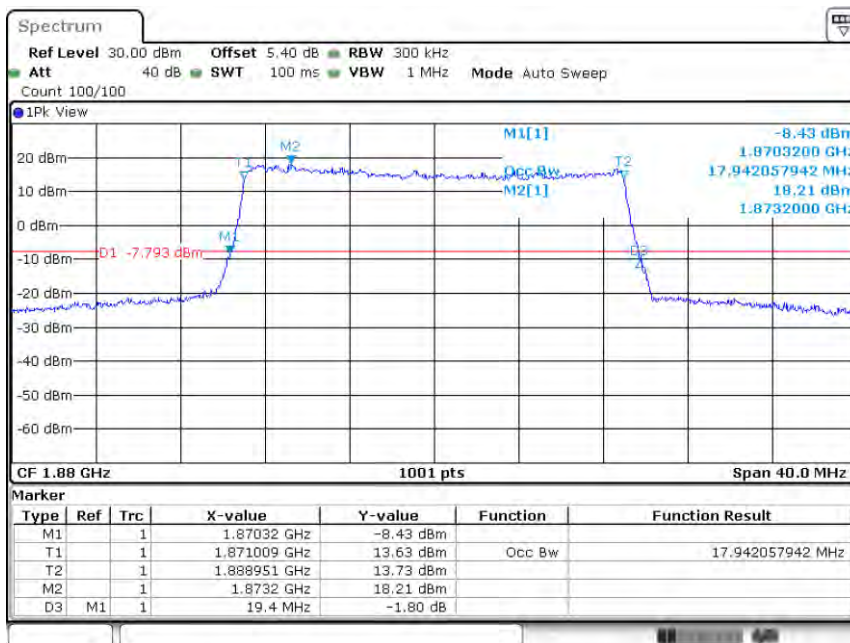


Band2-20MHz-QPSK-18700-100RB#0-17.902



Date: 12 MAY.2021 01:14:13

Band2-20MHz-QPSK-18900-100RB#0-17.942



Date: 12 MAY.2021 01:14:53

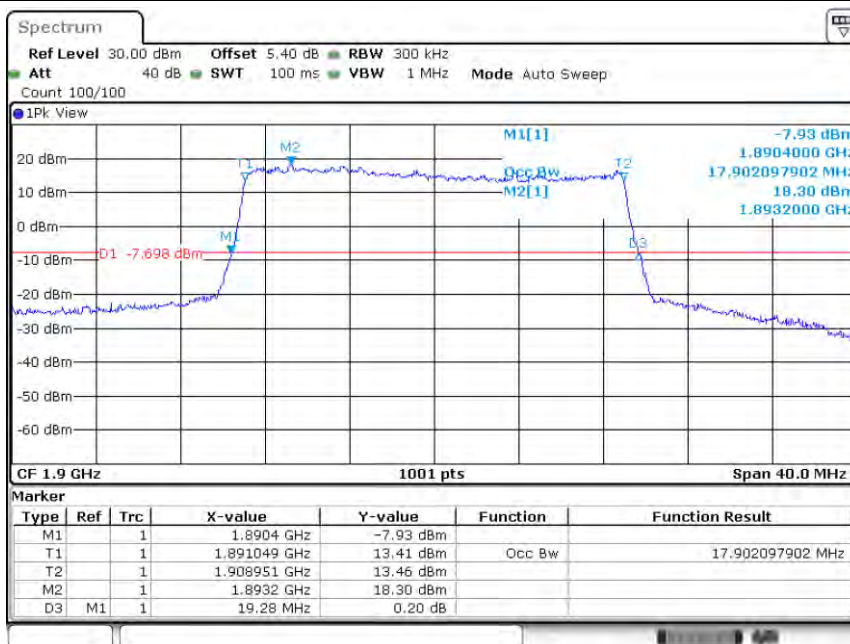


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

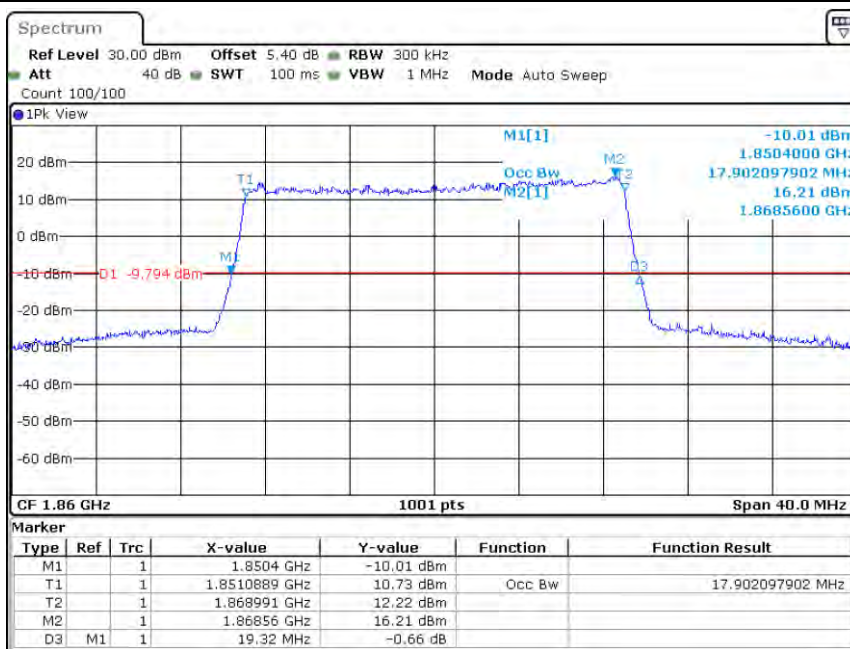


Band2-20MHz-QPSK-19100-100RB#0-17.902



Date: 12 MAY 2021 01:15:32

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



Date: 16 MAY 2021 10:24:04

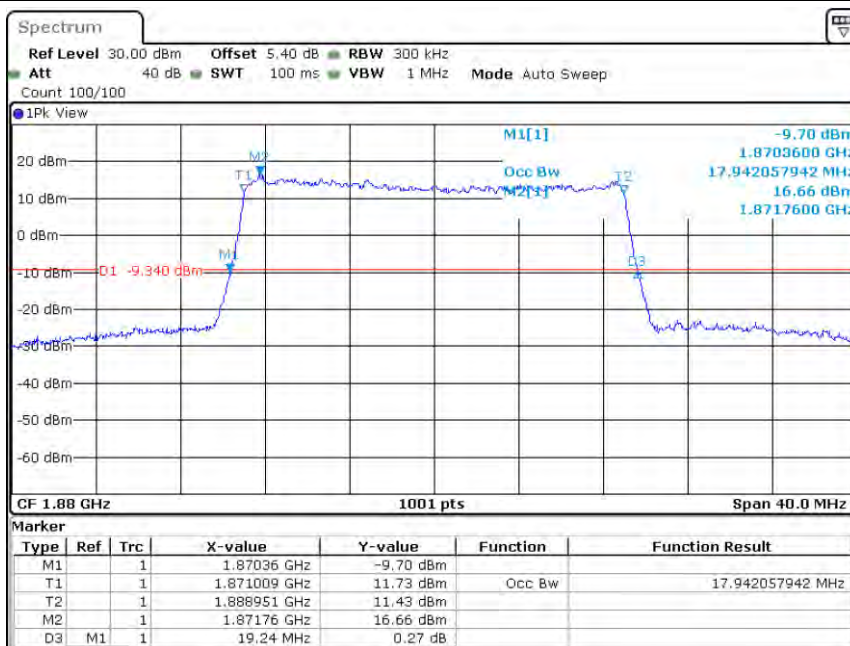


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

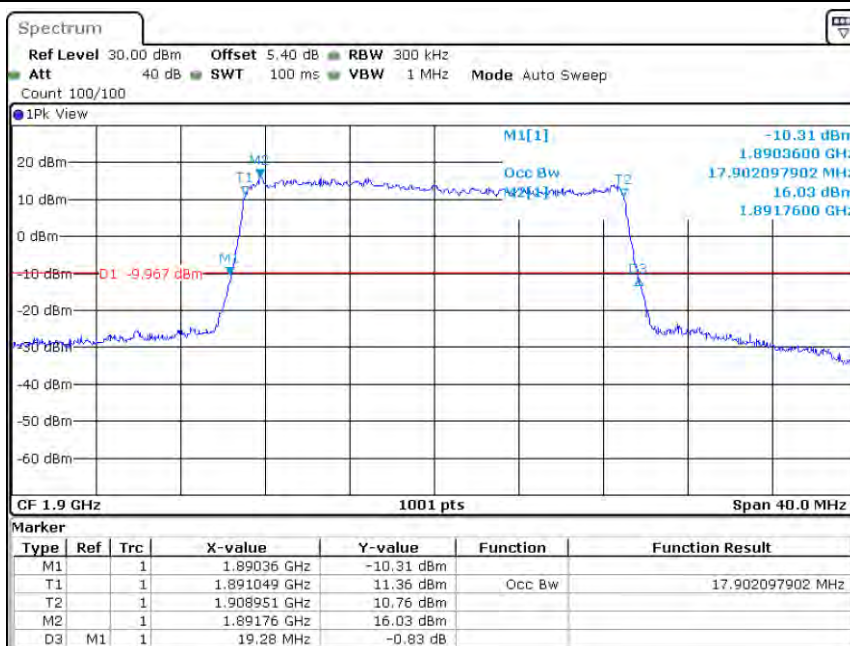


Band2-20MHz-64QAM-18900-100RB#0-17.942



Date: 16.MAY.2021 10:24:23

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



Date: 16.MAY.2021 10:24:43

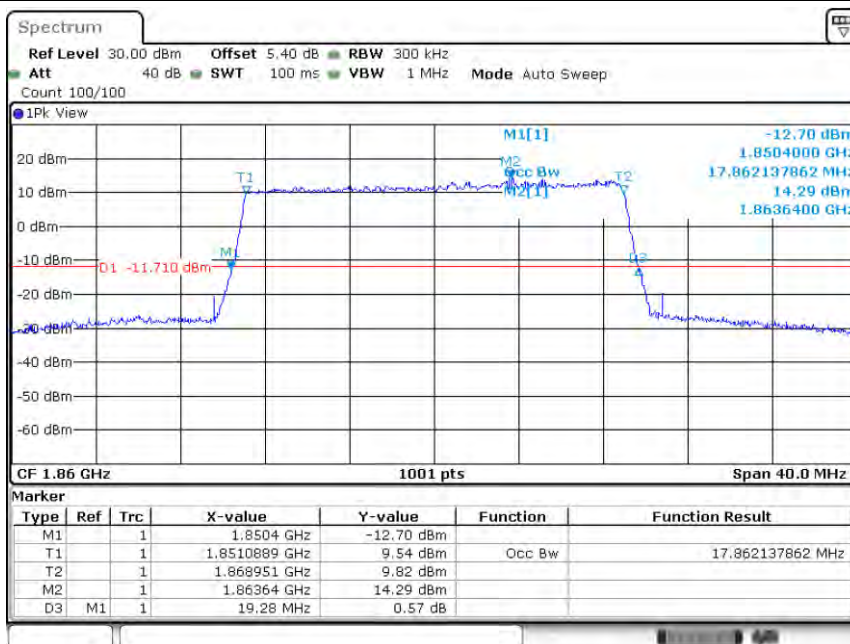


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.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

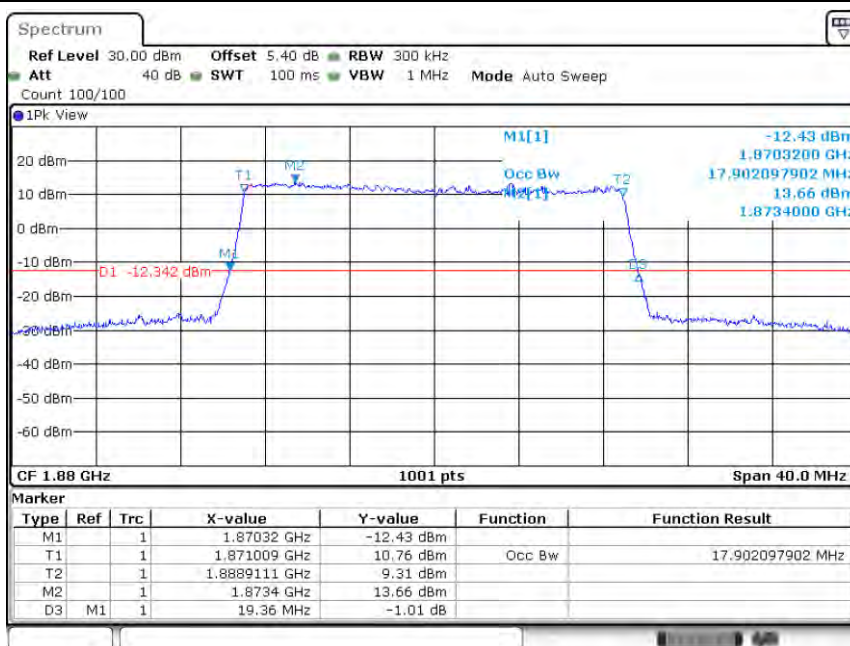


Band2-20MHz-256QAM-18700-100RB#0-17.862



Date: 5.MAY.2021 02:44:14

Band2-20MHz-256QAM-18900-100RB#0-17.902



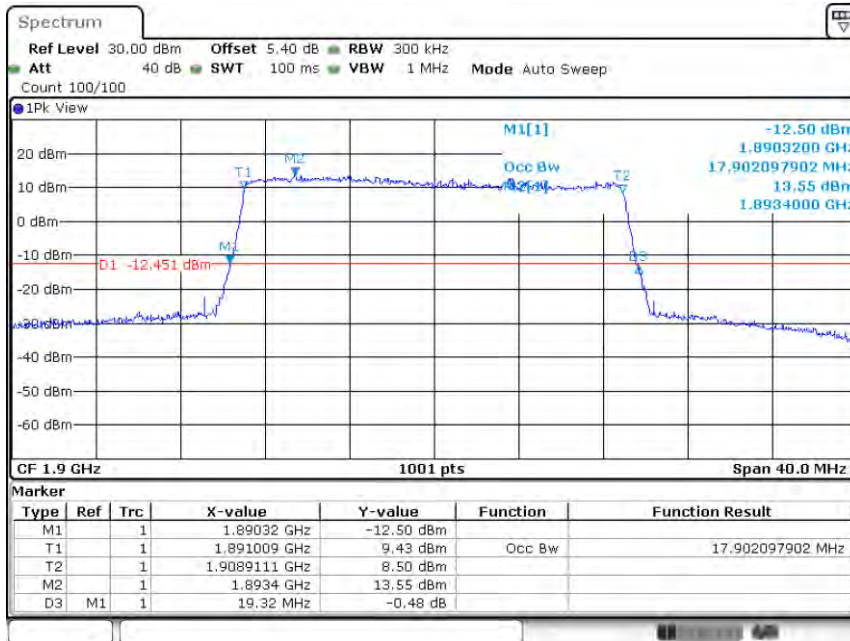
Date: 5.MAY.2021 02:44:36



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

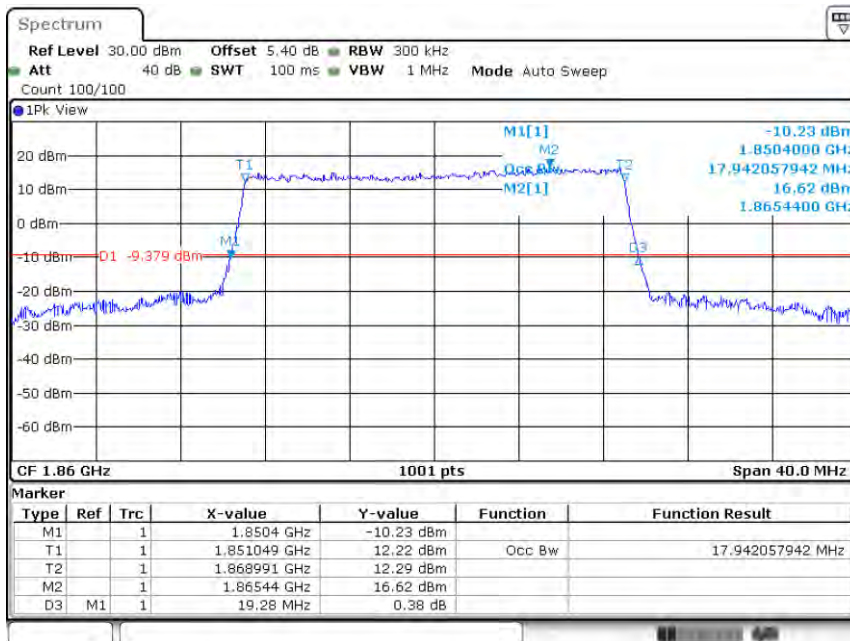
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
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-256QAM-19100-100RB#0-17.902



Date: 5.MAY.2021 02:44:56

Band2-20MHz-16QAM-18700-100RB#0-17.942



Date: 12.MAY.2021 01:14:33



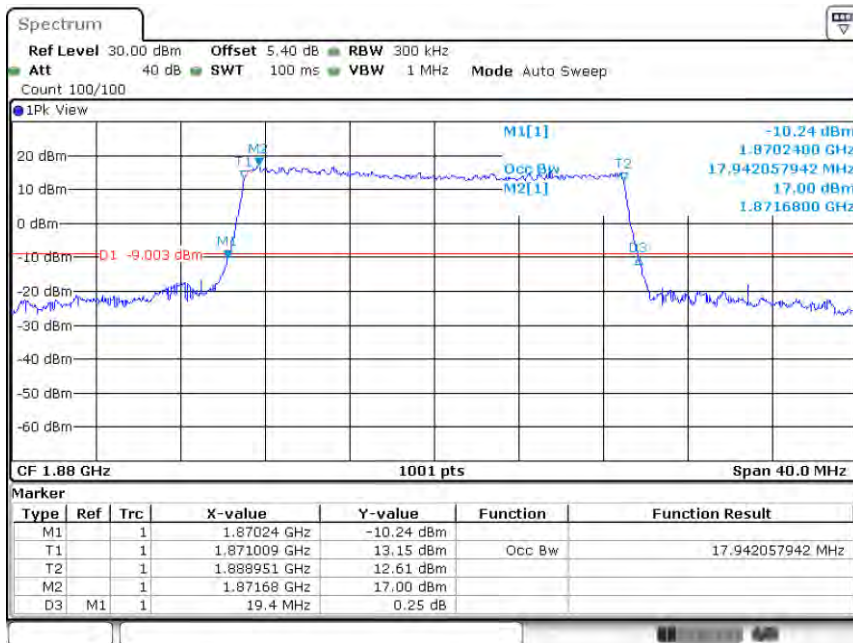
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & 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

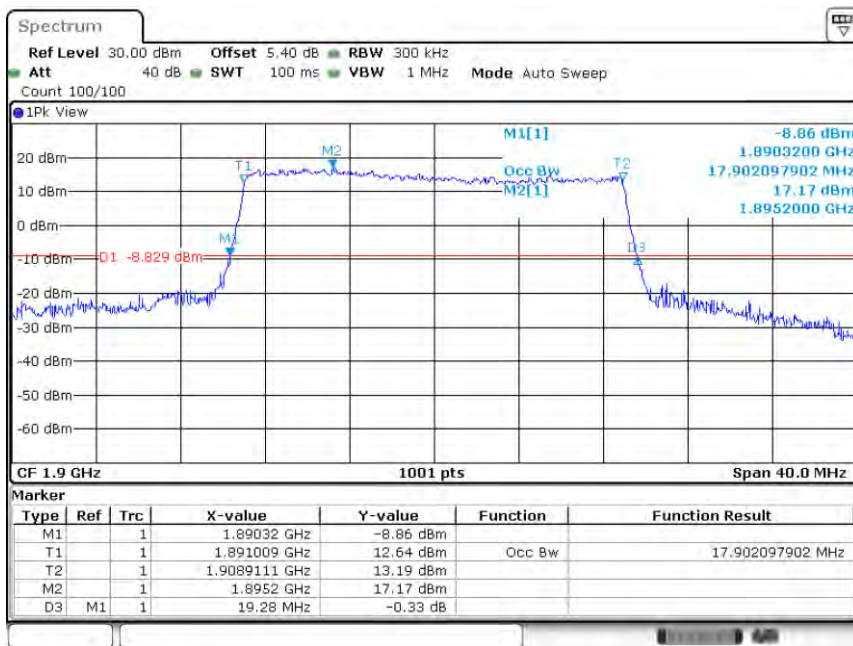


Band2-20MHz-16QAM-18900-100RB#0-17.942



Date: 12 MAY.2021 01:15:12

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



Date: 12 MAY.2021 01:15:52



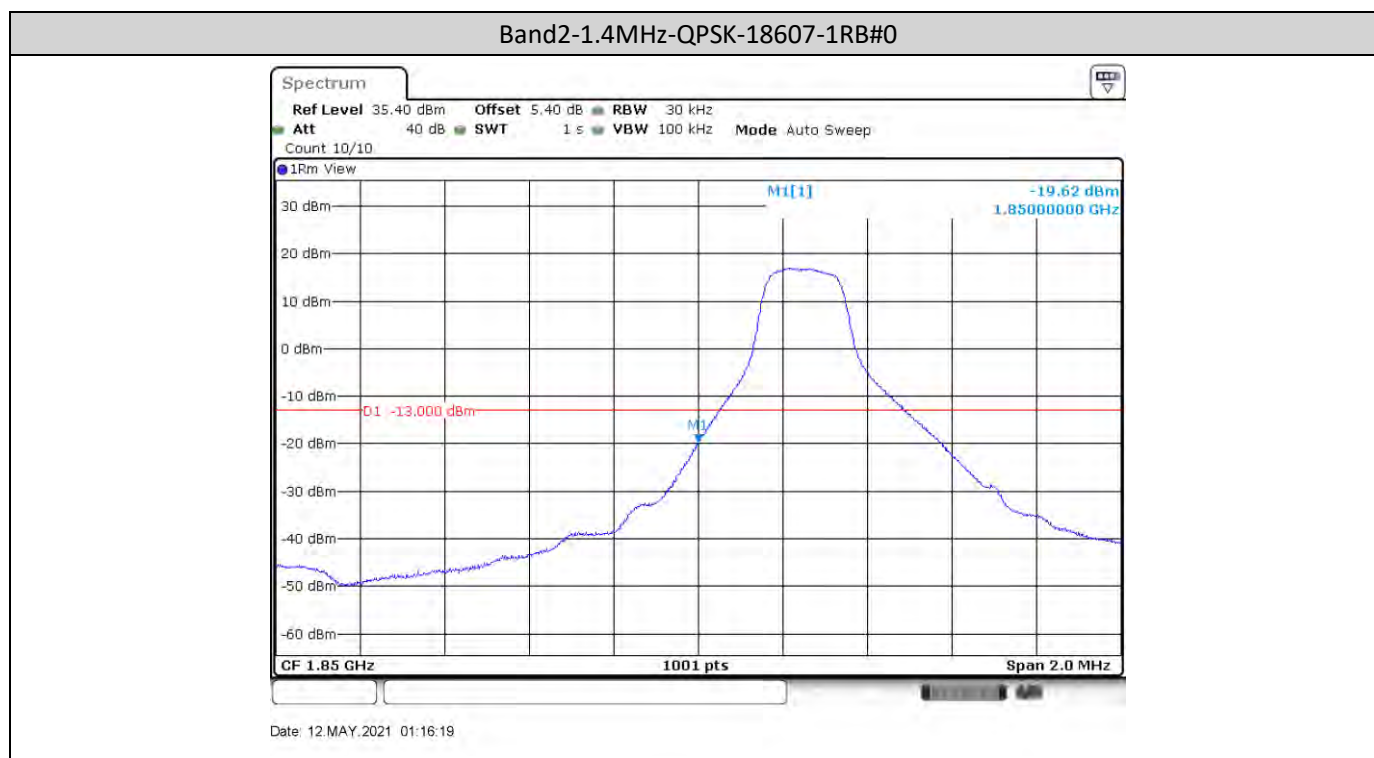
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



5. Band Edge Compliance

5.1. Test Plots



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



Date: 12 MAY.2021 01:19:12

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



Date: 12 MAY.2021 01:17:46



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
No.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-QPSK-19193-6RB#0



Date: 12 MAY.2021 01:19:54

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



Date: 12 MAY.2021 01:20:40



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.

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

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

Member of the SGS Group (SGS SA)



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



Date: 12 MAY.2021 01:23:33

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



Date: 12 MAY.2021 01:22:07



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.

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



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



Date: 12 MAY.2021 01:24:14

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



Date: 12 MAY.2021 01:25:01



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



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



Date: 12 MAY.2021 01:27:53

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



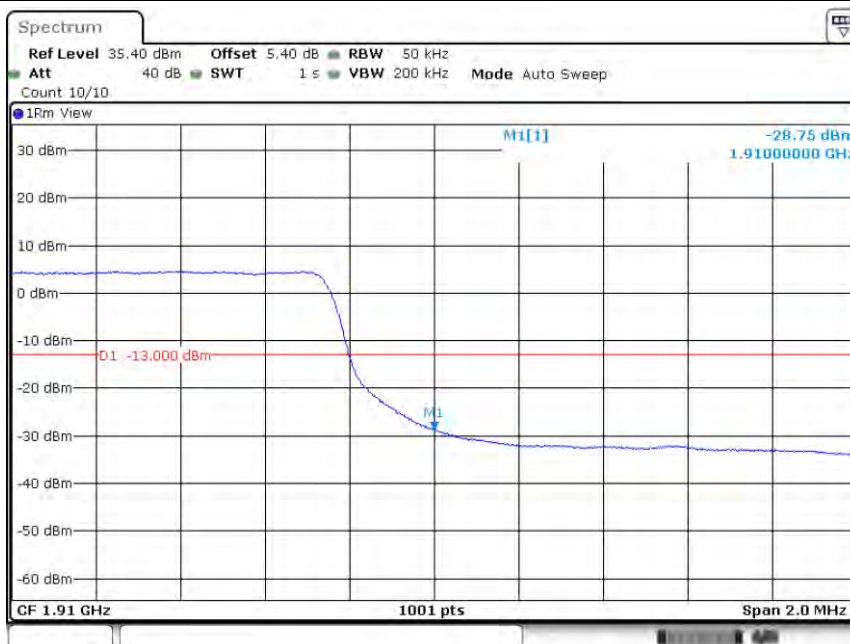
Date: 12 MAY.2021 01:26:27



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

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



Date: 12 MAY.2021 01:28:35

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



Date: 12 MAY.2021 01:29:21



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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.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-18650-50RB#0



Date: 12 MAY.2021 01:32:14

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



Date: 12 MAY.2021 01:30:48

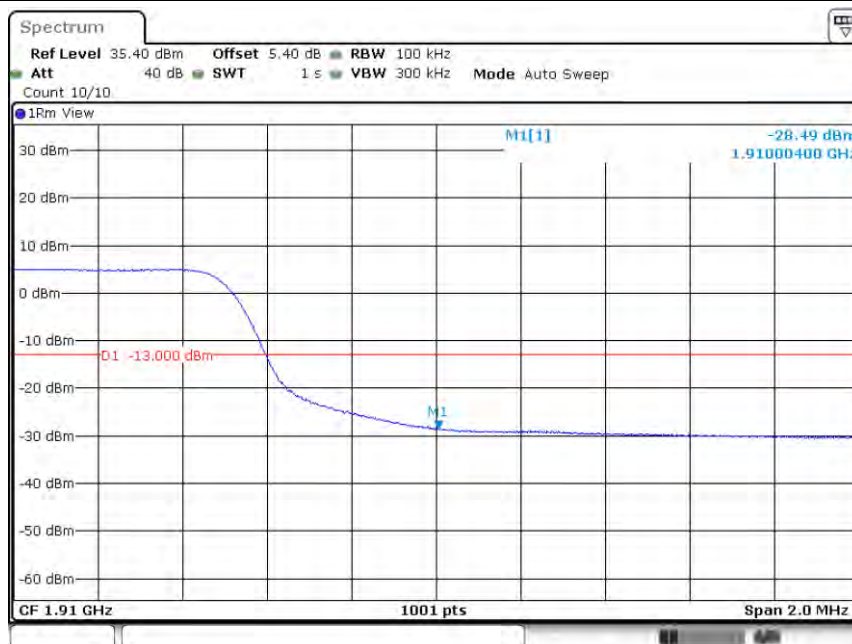


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



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



Date: 12 MAY.2021 01:32:55

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



Date: 12 MAY.2021 01:33:42



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

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

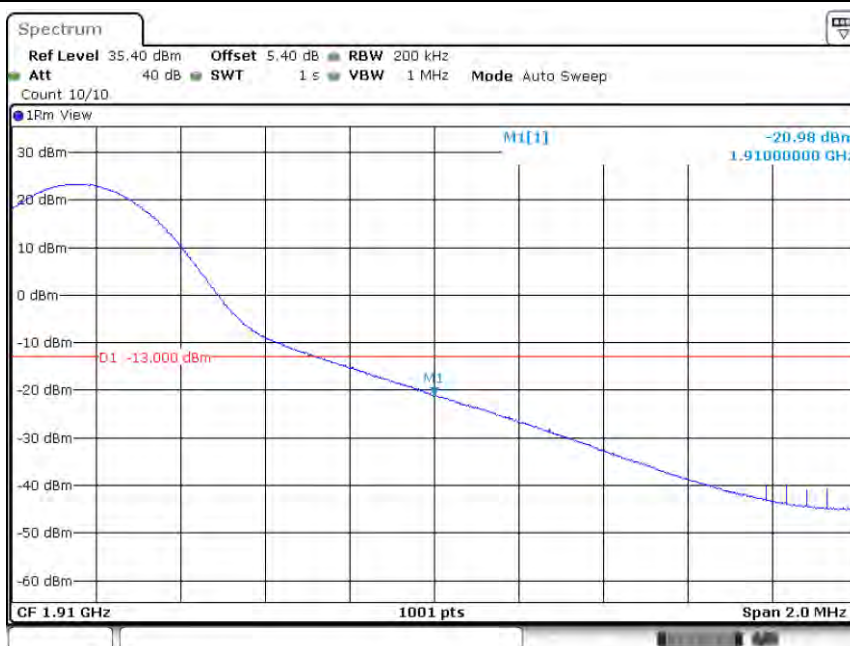


Band2-15MHz-QPSK-18675-75RB#0



Date: 12 MAY.2021 01:36:34

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



Date: 12 MAY.2021 01:35:08

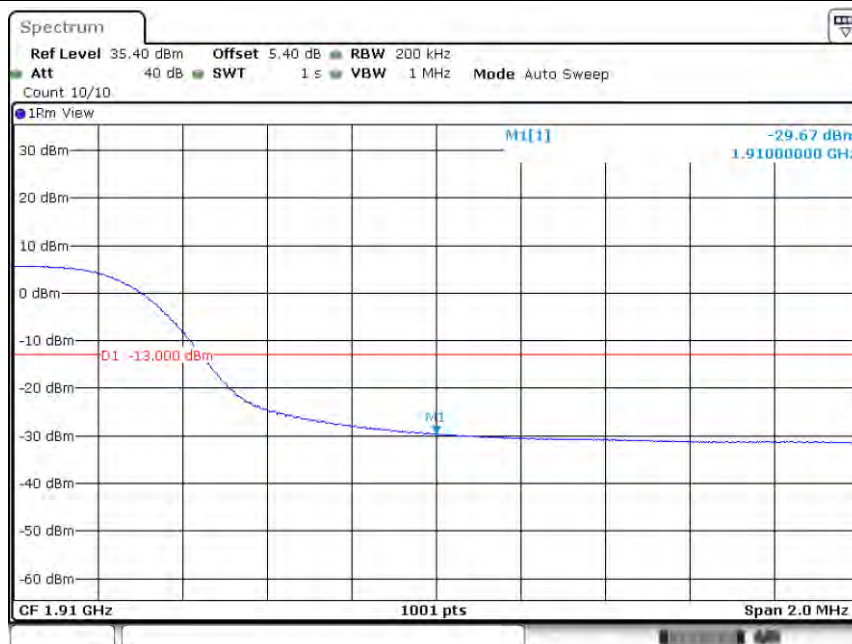


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

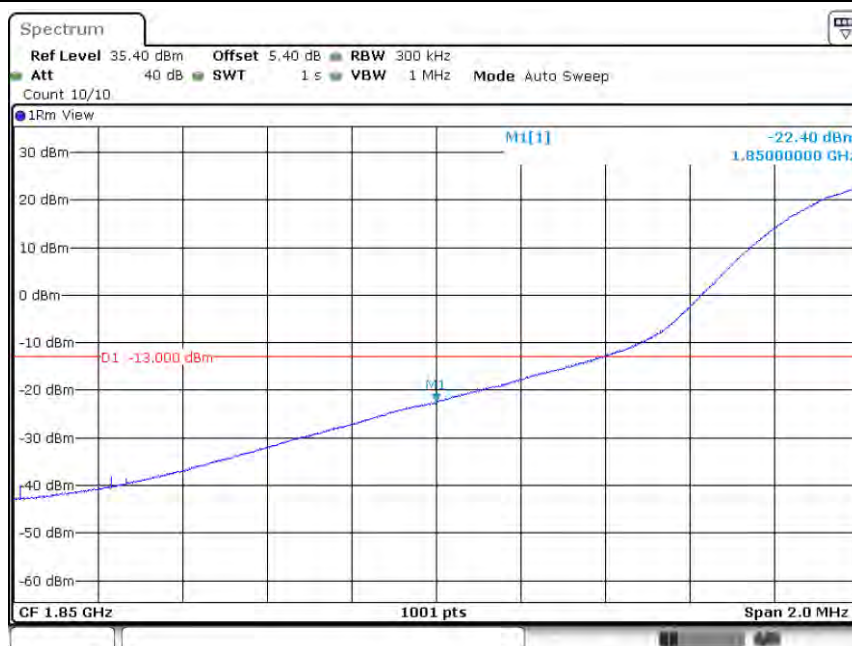


Band2-15MHz-QPSK-19125-75RB#0



Date: 12 MAY.2021 01:37:16

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



Date: 12 MAY.2021 01:38:02

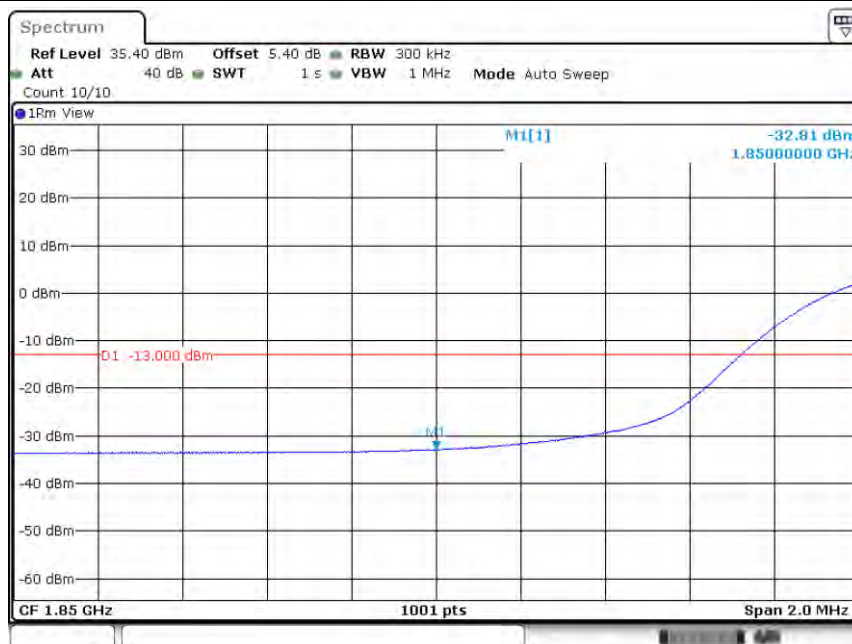


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

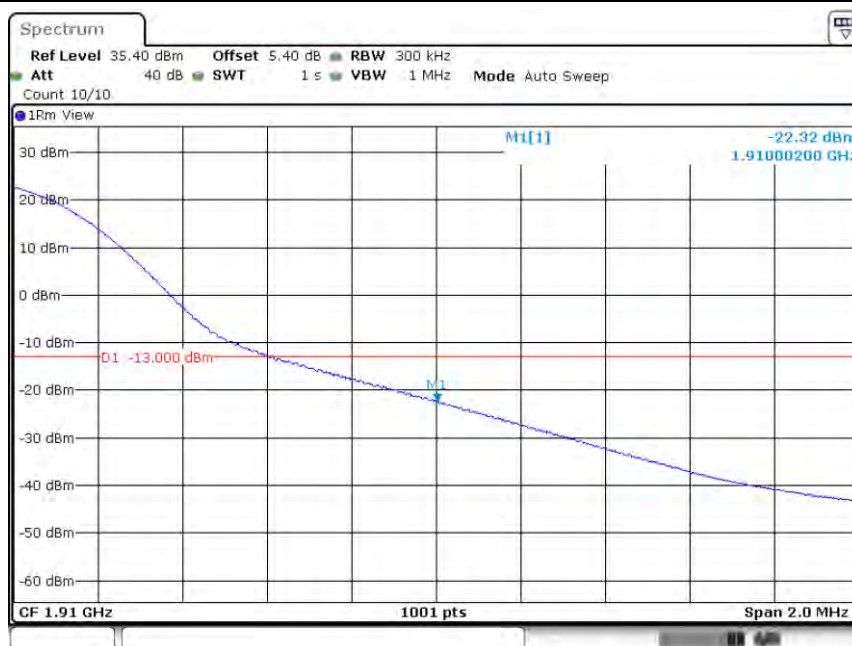


Band2-20MHz-QPSK-18700-100RB#0



Date: 12 MAY.2021 01:40:55

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



Date: 12 MAY.2021 01:39:28

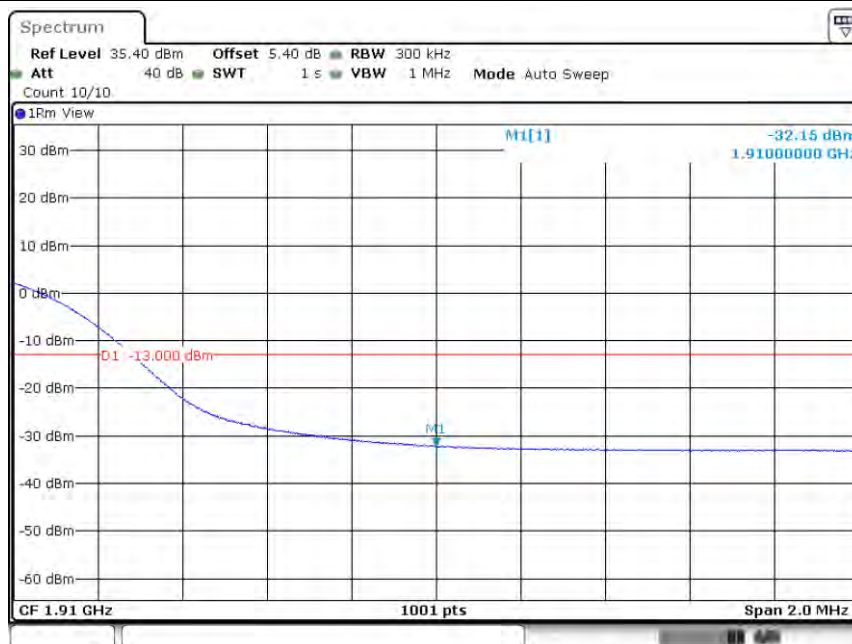


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



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



Date: 12 MAY 2021 01:41:36



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

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



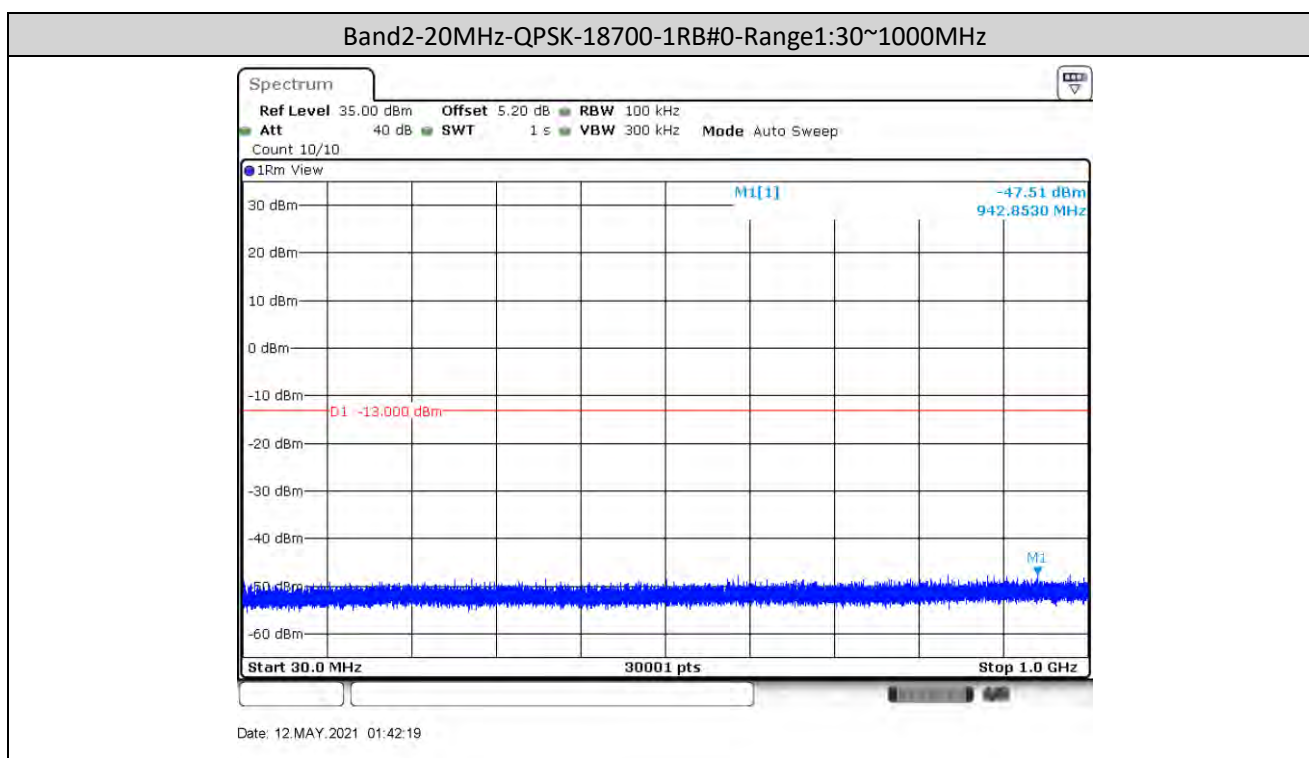
6. Spurious Emission at Antenna Terminal

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

Remark2: 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.

Remark3: 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 had been displayed.

6.1. Test Plots

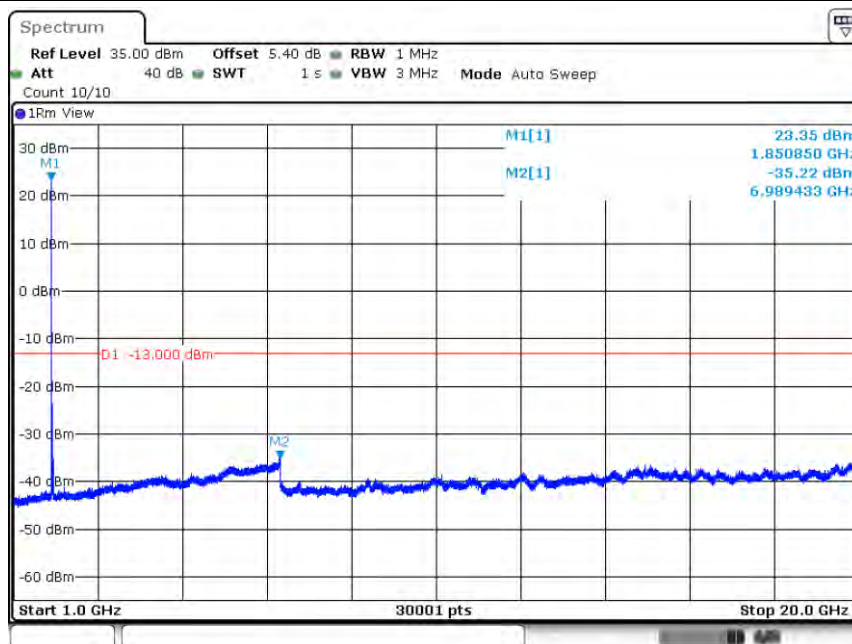


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

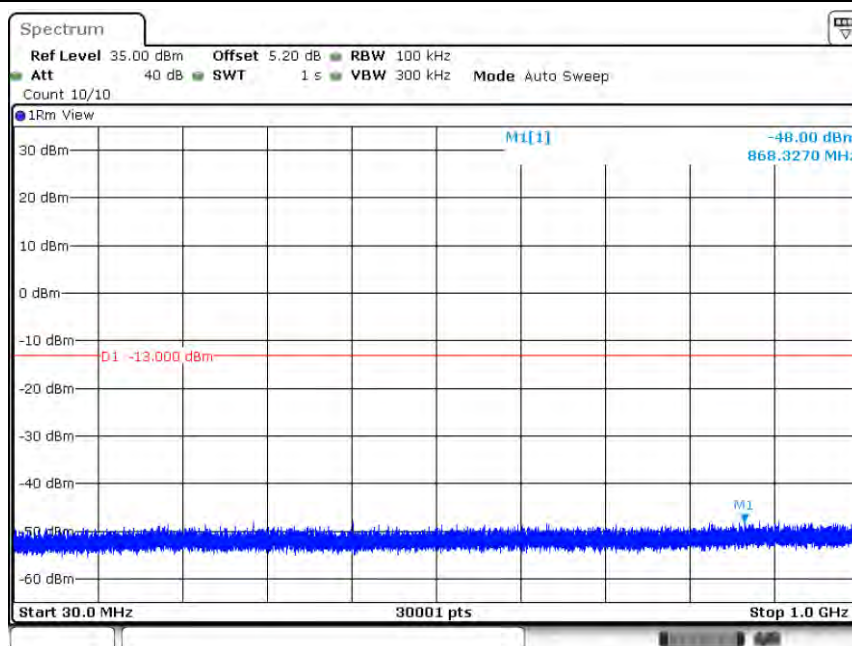
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 12.MAY.2021 01:42:36

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



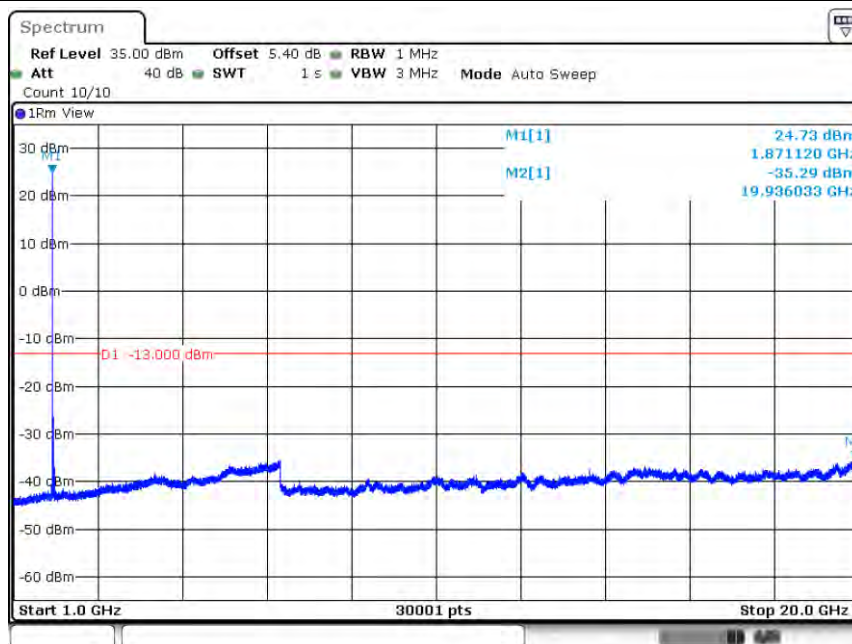
Date: 12.MAY.2021 01:43:29



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.

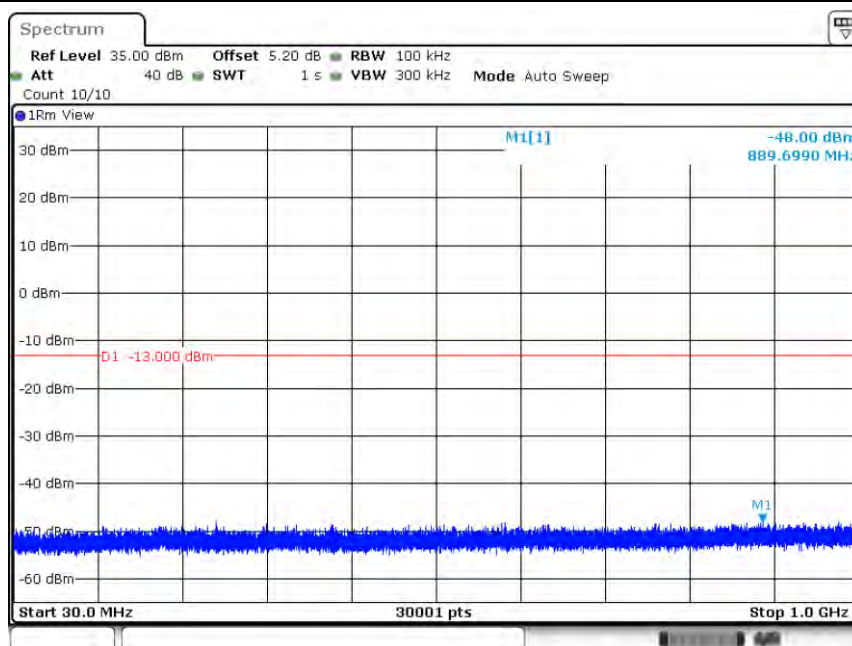
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

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



Date: 12.MAY.2021 01:43:46

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



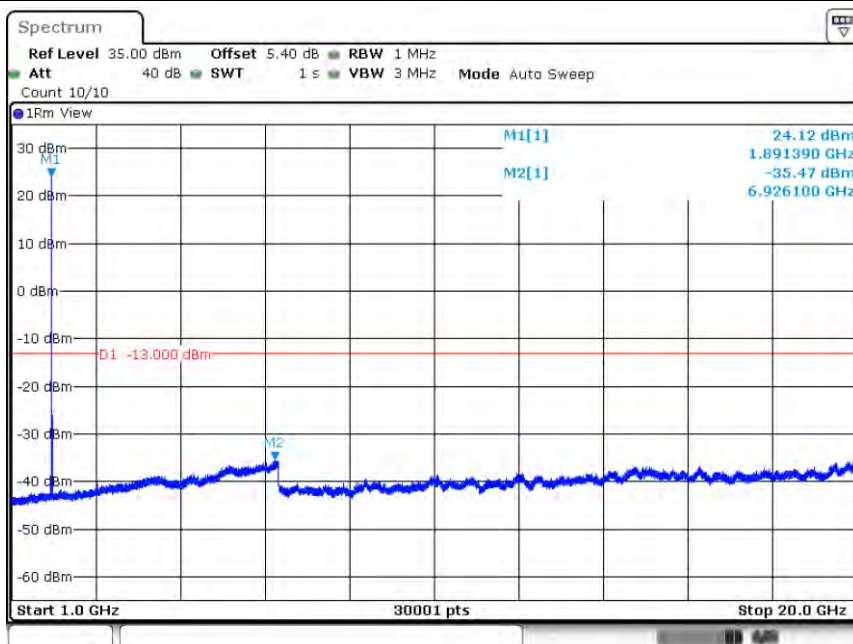
Date: 12.MAY.2021 01:44:40



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

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



Date: 12 MAY 2021 01:44:56





7. Field Strength of Spurious Radiation

7.1. Test Band = Band 2

7.1.1. Test Channel = Low Channel

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1176.3088	27.54	-42.92	-13.00	29.92	Horizontal
2	2994.2997	29.82	-34.81	-13.00	21.81	Horizontal
3	3555.0278	53.04	-62.31	-13.00	49.31	Horizontal
4	5689.6345	48.92	-58.00	-13.00	45.00	Horizontal
5	10492.124	45.49	-51.58	-13.00	38.58	Horizontal
6	17904.745	46.73	-46.25	-13.00	33.25	Horizontal



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

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



7.2. Test Band = Band 2

7.2.1. Test Channel = Low Channel

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1349.5175	27.23	-42.97	-13.00	29.97	Vertical
2	2691.7846	30.14	-35.71	-13.00	22.71	Vertical
3	4531.5766	52.79	-59.04	-13.00	46.04	Vertical
4	7968.9985	50.27	-51.67	-13.00	38.67	Vertical
5	12995.749	44.27	-48.24	-13.00	35.24	Vertical
6	17993.999	47.12	-46.63	-13.00	33.63	Vertical



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



7.3. Test Band = _Band2

7.3.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1406.3008	23.01	-48.13	-13.00	35.13	Horizontal
2	2506.6883	21.37	-46.97	-13.00	33.97	Horizontal
3	3625.5313	52.69	-64.98	-13.00	51.98	Horizontal
4	8385.2693	49.50	-52.82	-13.00	39.82	Horizontal
5	12402.4701	47.21	-46.19	-13.00	33.19	Horizontal
6	16436.1718	48.58	-42.45	-13.00	29.45	Horizontal



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

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



7.4. Test Band = _Band2

7.4.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1406.3008	27.10	-44.04	-13.00	31.04	Vertical
2	2943.4929	20.71	-46.60	-13.00	33.60	Vertical
3	4843.5922	53.72	-59.66	-13.00	46.66	Vertical
4	7968.2484	52.99	-50.02	-13.00	37.02	Vertical
5	12811.9906	46.77	-45.68	-13.00	32.68	Vertical
6	16400.1700	47.85	-42.51	-13.00	29.51	Vertical



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



7.5. Test Band = Band 2

7.5.1. Test Channel = High Channel

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1502.2251	27.47	-42.59	-13.00	29.59	Horizontal
2	2695.8848	29.53	-36.28	-13.00	23.28	Horizontal
3	4887.0944	50.42	-59.89	-13.00	46.89	Horizontal
4	8443.7722	48.67	-52.42	-13.00	39.42	Horizontal
5	13380.519	44.76	-47.79	-13.00	34.79	Horizontal
6	17984.999	46.93	-46.64	-13.00	33.64	Horizontal



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

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



7.6. Test Band = Band 2

7.6.1. Test Channel = High Channel

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1154.9077	27.29	-43.03	-13.00	30.03	Vertical
2	2941.8971	29.99	-34.75	-13.00	21.75	Vertical
3	3281.2641	55.36	-60.98	-13.00	47.98	Vertical
4	7968.9985	51.11	-50.83	-13.00	37.83	Vertical
5	13373.768	44.92	-47.70	-13.00	34.70	Vertical
6	17916.745	46.58	-46.36	-13.00	33.36	Vertical

Remark:

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



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

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

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. 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	-1.60	-0.000860	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	-7.30	-0.003925	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	0.00	0.000000	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	7.80	0.004149	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	14.60	0.007766	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	8.80	0.004681	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	12.70	0.006684	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	3.40	0.001789	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-1.90	-0.001000	±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



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	0.50	0.000269	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	5.30	0.002849	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	-6.80	-0.003656	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	7.20	0.003871	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	9.20	0.004946	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	9.90	0.005323	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	11.80	0.006344	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	-1.80	-0.000968	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	10.20	0.005484	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-1.70	-0.000904	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-1.50	-0.000798	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	12.70	0.006755	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	12.40	0.006596	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	8.50	0.004521	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	14.90	0.007926	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	1.80	0.000957	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-0.20	-0.000106	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	0.70	0.000372	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-3.20	-0.001684	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-1.20	-0.000632	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	10.80	0.005684	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-6.00	-0.003158	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	11.80	0.006211	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	1.10	0.000579	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-6.20	-0.003263	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	14.30	0.007526	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	11.80	0.006211	±2.5	PASS

