



Appendix B

E-UTRA Band 2



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

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

CONTENT

1	EFFECTIVE (ISOTROPIC) RADIATED POWER	4
1.1.	TEST RESULT	4
2.	PEAK-TO-AVERAGE RATIO (CCDF)	11
2.1.	TEST RESULT	11
2.2.	TEST PLOTS.....	11
3.	MODULATION CHARACTERISTICS	15
3.1.	TEST MODE = LTE /TM1 20MHZ.....	15
3.1.1.	TEST CHANNEL = MCH.....	15
3.2.	TEST MODE = LTE /TM2 20MHZ.....	16
3.2.1.	TEST CHANNEL = MCH.....	16
4.	26DB BANDWIDTH AND OCCUPIED BANDWIDTH	17
4.1.	TEST RESULT	17
4.2.	TEST PLOTS.....	18
5.	BAND EDGE COMPLIANCE	37
5.1.	TEST PLOTS.....	37
6.	SPURIOUS EMISSION AT ANTENNA TERMINAL	62
6.1.	TEST PLOTS.....	62
7.	FIELD STRENGTH OF SPURIOUS RADIATION	69
7.1.	TEST BAND LTE_BAND2	69
7.1.1.	Test Channel = Low	69
7.2.	TEST BAND LTE_BAND2	70
7.2.1.	Test Channel = Low	70
7.3.	TEST BAND LTE_BAND2	71
7.3.1.	Test Channel = Mid.....	71
7.4.	TEST BAND LTE_BAND2	72
7.4.1.	Test Channel = Mid.....	72
7.5.	TEST BAND LTE_BAND2	73
7.5.1.	Test Channel = High	73
7.6.	TEST BAND LTE_BAND2	74
7.6.1.	Test Channel = High	74



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

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



8. FREQUENCY STABILITY.....75

8.1. FREQUENCY VS VOLTAGE 75

8.2. FREQUENCY VS TEMPERATURE 76



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

Attention: 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 Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	22.62	24.23	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.16	24.77	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.94	24.55	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	21.95	23.56	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	22.04	23.65	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	21.98	23.59	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	21.98	23.59	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.20	24.81	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.40	25.01	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.29	24.90	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	22.48	24.09	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	22.42	24.03	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	22.40	24.01	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.38	23.99	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.28	24.89	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.27	24.88	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.20	24.81	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	22.35	23.96	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	22.27	23.88	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	22.30	23.91	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.19	23.80	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.65	23.26	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.13	23.74	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	21.86	23.47	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	21.06	22.67	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	21.23	22.84	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	21.00	22.61	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	20.98	22.59	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.10	23.71	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.42	24.03	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.12	23.73	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	21.43	23.04	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	1.4MHz	16QAM	18900	3RB#1	21.36	22.97	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	21.24	22.85	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.39	23.00	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.23	23.84	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.20	23.81	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.82	23.43	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.44	23.05	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	21.47	23.08	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	21.29	22.90	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.28	22.89	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	22.57	24.18	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.16	24.77	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.90	24.51	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#0	21.95	23.56	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#4	21.99	23.60	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#7	21.97	23.58	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.00	23.61	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.14	24.75	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.40	25.01	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.39	25.00	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.43	24.04	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.47	24.08	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.37	23.98	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.37	23.98	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.29	24.90	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.36	24.97	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.21	24.82	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.32	23.93	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#4	22.22	23.83	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.31	23.92	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.39	24.00	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.65	23.26	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.09	23.70	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	21.81	23.42	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#0	21.06	22.67	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.22	22.83	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.03	22.64	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	20.96	22.57	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	3MHz	16QAM	18900	1RB#0	22.11	23.72	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.48	24.09	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.12	23.73	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#0	21.42	23.03	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.40	23.01	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.28	22.89	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.31	22.92	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.35	23.96	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.22	23.83	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.88	23.49	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.47	23.08	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.46	23.07	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.30	22.91	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.25	22.86	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	22.55	24.16	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.17	24.78	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	22.95	24.56	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#0	22.02	23.63	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#6	21.99	23.60	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.01	23.62	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.03	23.64	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.14	24.75	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.39	25.00	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.35	24.96	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#0	22.41	24.02	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#6	22.43	24.04	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#13	22.36	23.97	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.40	24.01	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.28	24.89	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.40	25.01	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.25	24.86	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.36	23.97	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.18	23.79	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.31	23.92	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.39	24.00	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	21.67	23.28	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.12	23.73	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	21.84	23.45	33.00	PASS



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

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

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



Band2	5MHz	16QAM	18625	12RB#0	21.06	22.67	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.26	22.87	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.01	22.62	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.01	22.62	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.14	23.75	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.42	24.03	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.13	23.74	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#0	21.41	23.02	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.38	22.99	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.21	22.82	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.35	22.96	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.30	23.91	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.24	23.85	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.86	23.47	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.47	23.08	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.44	23.05	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.30	22.91	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.25	22.86	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	22.55	24.16	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.19	24.80	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.88	24.49	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#0	21.98	23.59	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#12	22.06	23.67	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#25	22.04	23.65	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.99	23.60	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.17	24.78	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.44	25.05	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.32	24.93	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#0	22.44	24.05	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#12	22.48	24.09	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#25	22.36	23.97	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.41	24.02	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.29	24.90	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.37	24.98	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.24	24.85	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.34	23.95	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.20	23.81	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.32	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	10MHz	QPSK	19150	50RB#0	22.41	24.02	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.63	23.24	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.09	23.70	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	21.84	23.45	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#0	21.07	22.68	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#12	21.22	22.83	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.04	22.65	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.03	22.64	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.07	23.68	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.45	24.06	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.07	23.68	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.42	23.03	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#12	21.31	22.92	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#25	21.29	22.90	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.33	22.94	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.34	23.95	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.23	23.84	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.84	23.45	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.43	23.04	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#12	21.50	23.11	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#25	21.34	22.95	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.25	22.86	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.61	24.22	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.18	24.79	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.90	24.51	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#0	21.98	23.59	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#18	22.03	23.64	33.00	PASS
Band2	15MHz	QPSK	18675	38RB#37	22.00	23.61	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	21.98	23.59	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.20	24.81	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.38	24.99	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.30	24.91	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#0	22.45	24.06	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#18	22.42	24.03	33.00	PASS
Band2	15MHz	QPSK	18900	38RB#37	22.38	23.99	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.40	24.01	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.27	24.88	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.38	24.99	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	QPSK	19125	1RB#74	23.19	24.80	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#0	22.35	23.96	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#18	22.20	23.81	33.00	PASS
Band2	15MHz	QPSK	19125	38RB#37	22.31	23.92	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.36	23.97	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.64	23.25	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.13	23.74	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	21.84	23.45	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#0	21.07	22.68	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#18	21.24	22.85	33.00	PASS
Band2	15MHz	16QAM	18675	38RB#37	21.04	22.65	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.01	22.62	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.10	23.71	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.45	24.06	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.08	23.69	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#0	21.40	23.01	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#18	21.37	22.98	33.00	PASS
Band2	15MHz	16QAM	18900	38RB#37	21.23	22.84	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.37	22.98	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.36	23.97	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.25	23.86	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.85	23.46	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#0	21.43	23.04	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#18	21.49	23.10	33.00	PASS
Band2	15MHz	16QAM	19125	38RB#37	21.36	22.97	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.27	22.88	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	22.65	24.26	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.26	24.87	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.98	24.59	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#0	22.07	23.68	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#25	22.07	23.68	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#50	22.03	23.64	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.10	23.71	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.47	25.08	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.45	25.06	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.39	25.00	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#0	22.45	24.06	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#25	22.42	24.03	33.00	PASS



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

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

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



Band2	20MHz	QPSK	18900	50RB#50	22.40	24.01	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.44	24.05	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.32	24.93	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.46	25.07	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.29	24.90	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.41	24.02	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#25	22.31	23.92	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.43	24.04	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.41	24.02	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	21.70	23.31	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.20	23.81	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	21.93	23.54	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#0	21.13	22.74	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#25	21.30	22.91	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#50	21.07	22.68	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.04	22.65	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.16	23.77	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.47	24.08	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.19	23.80	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#0	21.45	23.06	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#25	21.45	23.06	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#50	21.32	22.93	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.42	23.03	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.40	24.01	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.33	23.94	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.95	23.56	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#0	21.42	23.03	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#25	21.41	23.02	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#50	21.38	22.99	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.32	22.93	33.00	PASS

Remark:

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

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$

The conducted Power is measured by Base Station Simulator



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

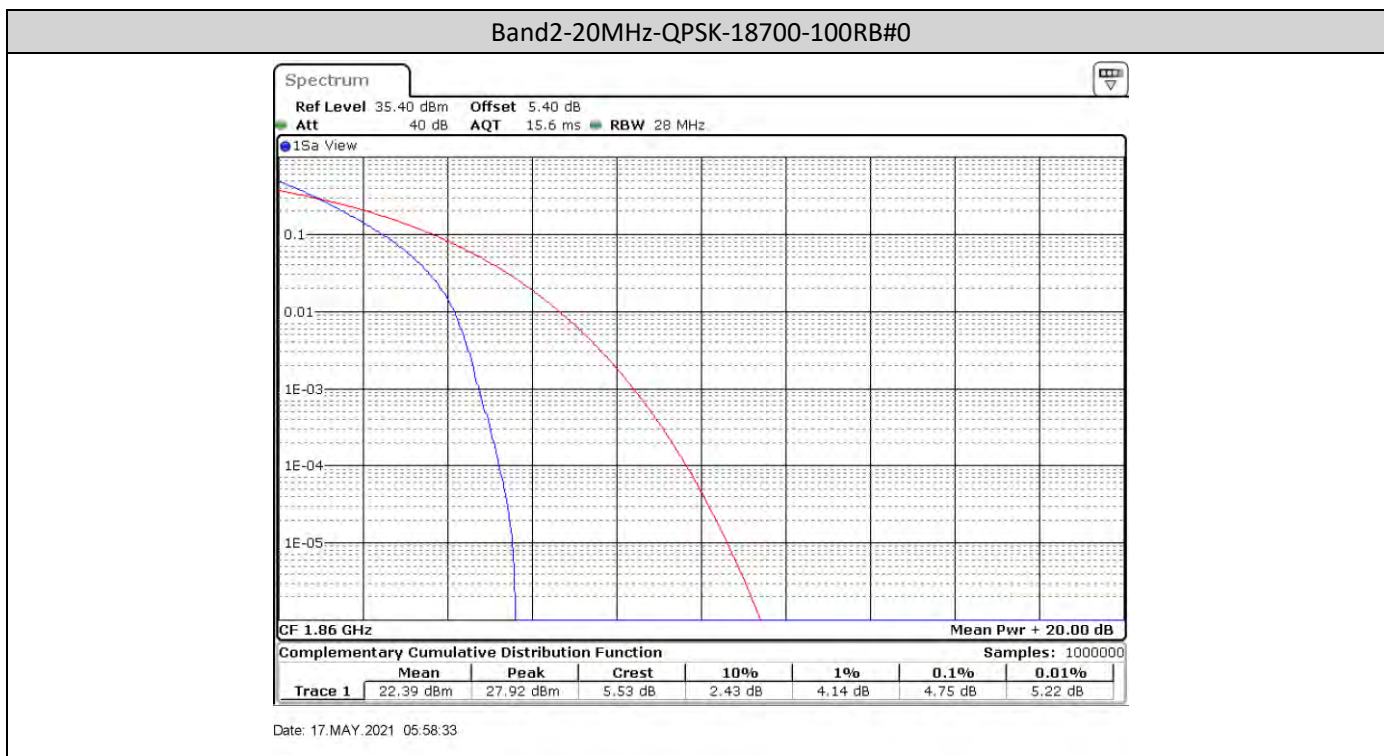


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	4.75	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	4.96	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	4.84	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	5.68	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.86	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.71	13	PASS

2.2. Test Plots



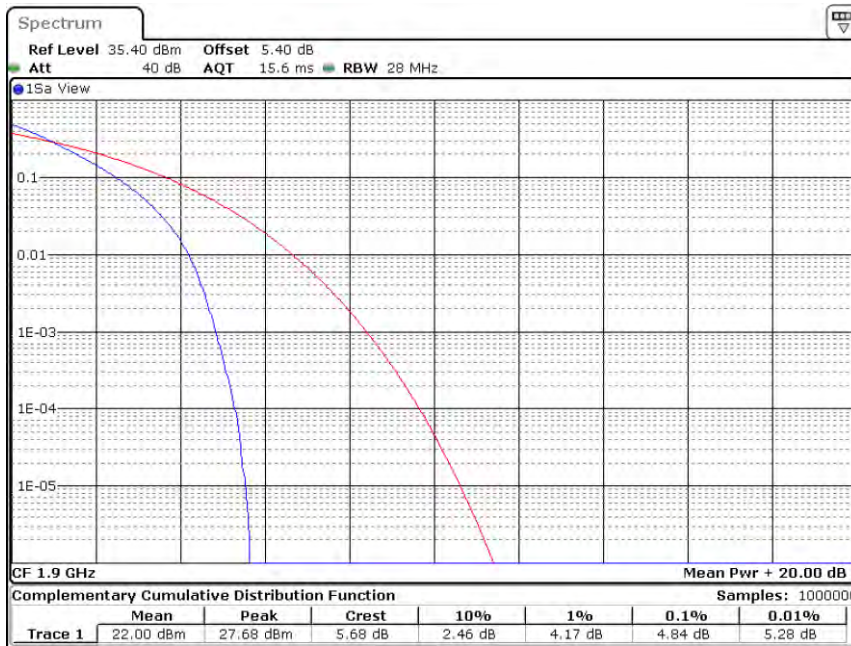
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 17.MAY.2021 05:58:55

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



Date: 17.MAY.2021 05:59:17



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

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

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



Date: 17.MAY.2021 05:58:44

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



Date: 17.MAY.2021 05:59:06

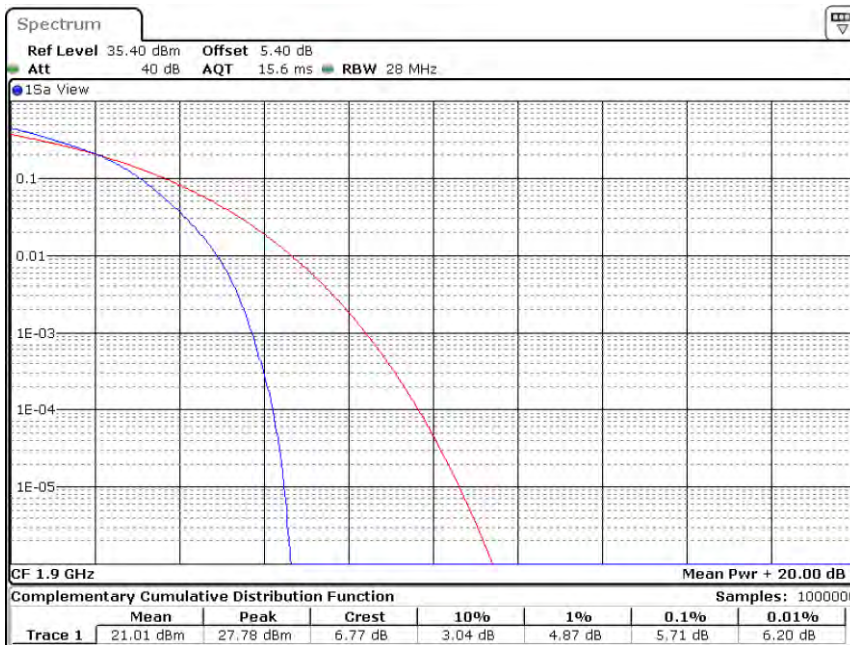


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



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



Date: 17.MAY.2021 05:59:28

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

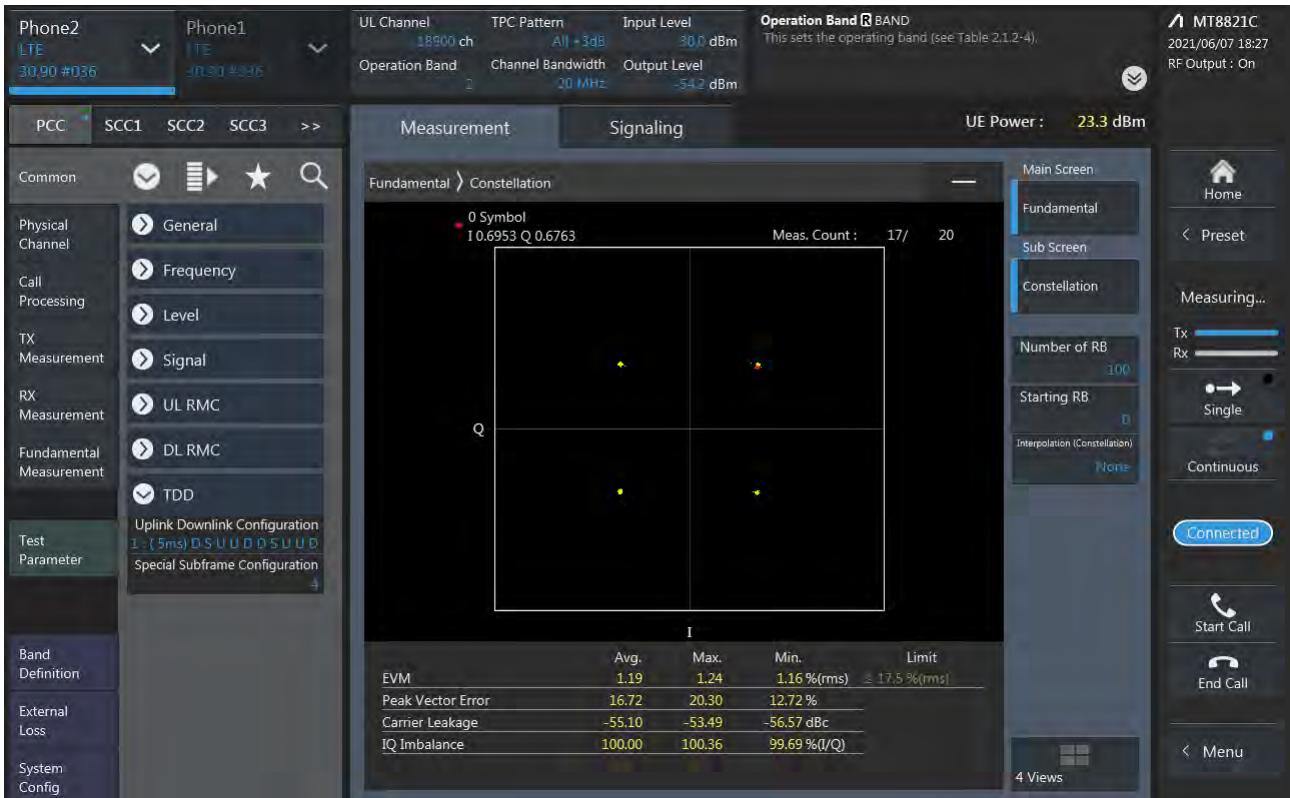


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



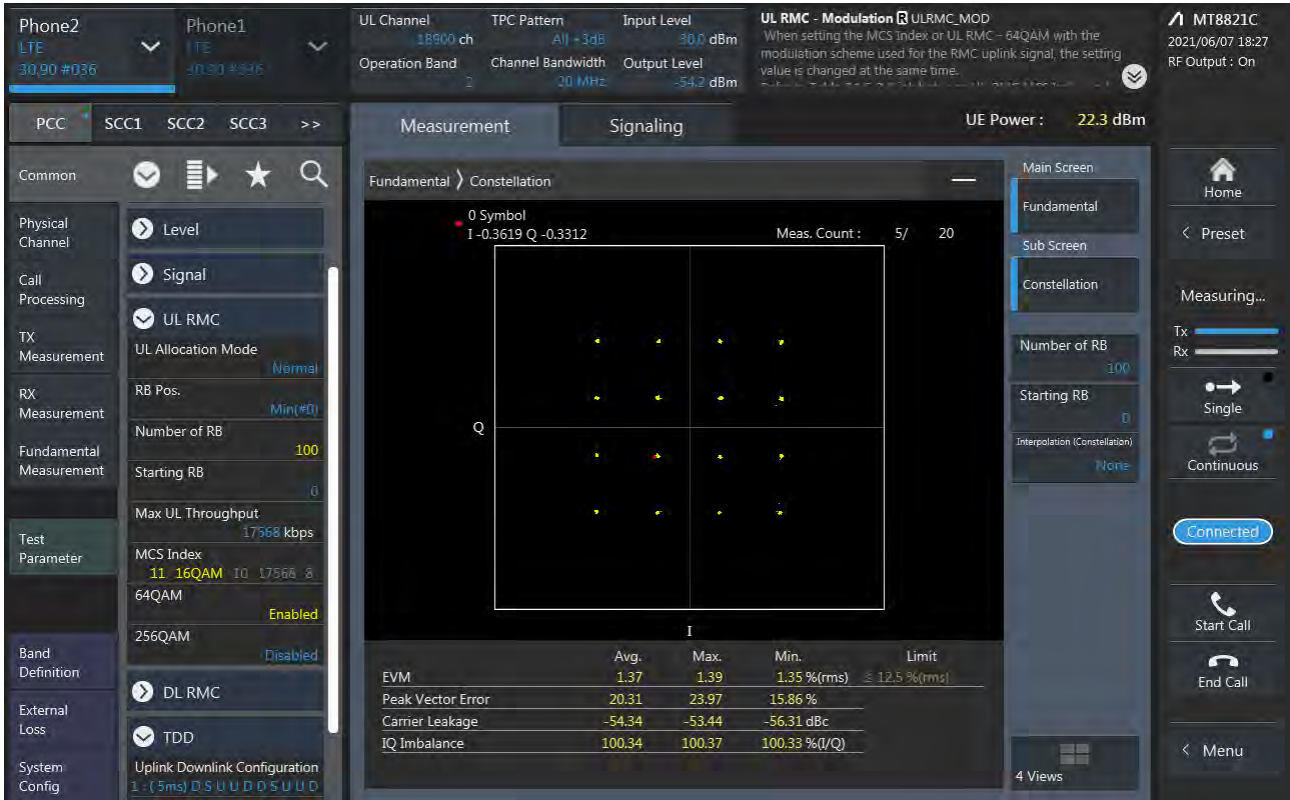
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH



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

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



4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.094	1.293	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.091	1.284	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.091	1.293	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.091	1.284	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.088	1.287	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.091	1.281	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.697	3.006	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.691	2.988	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.697	3.000	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.685	2.970	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.685	2.970	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.685	2.970	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.476	4.920	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.476	4.940	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.476	4.910	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.486	4.970	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.486	4.960	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.486	4.940	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.911	9.700	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.911	9.680	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.931	9.720	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.911	9.800	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.911	9.740	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.911	9.760	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.427	14.760	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.427	14.670	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.457	14.760	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.427	14.760	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.427	14.760	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.427	14.760	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.862	19.360	PASS



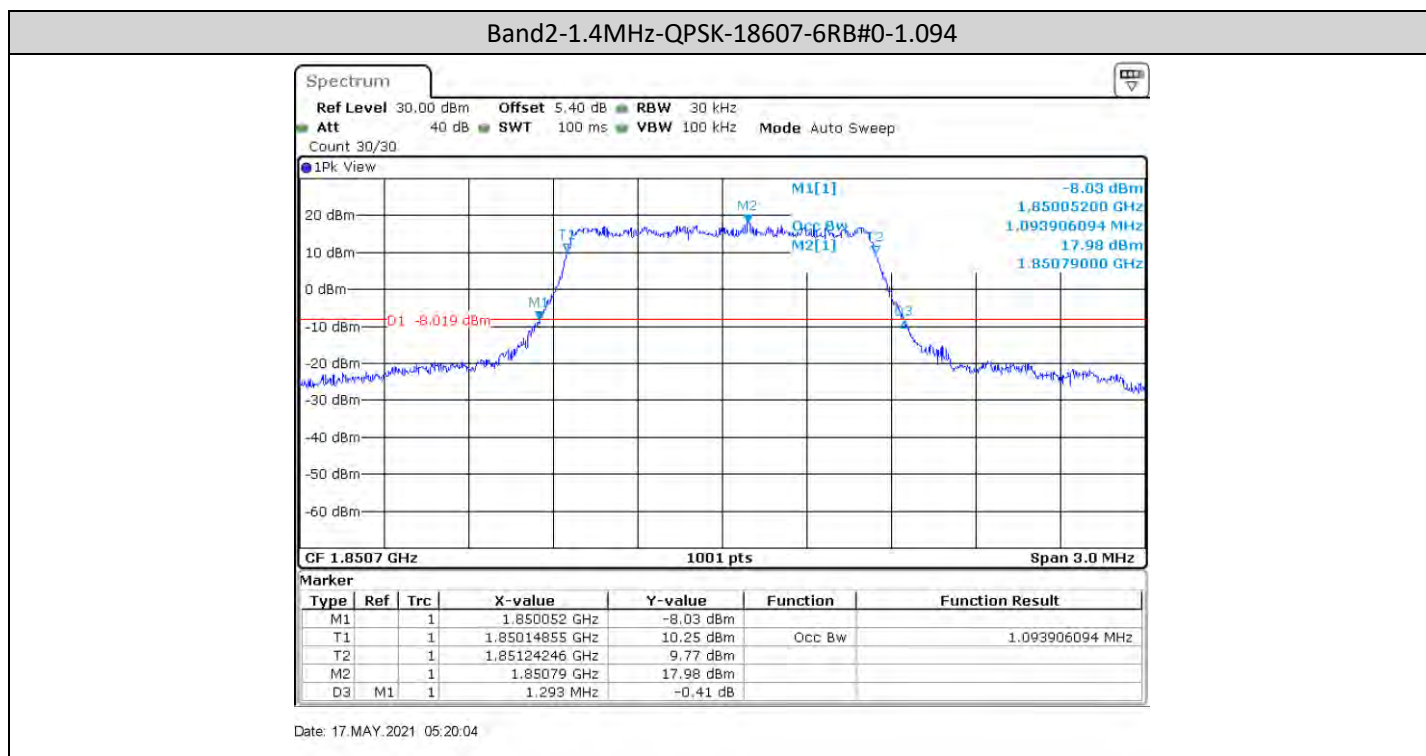
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Band2	20MHz	QPSK	18900	100RB#0	17.862	19.400	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.902	19.360	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.862	19.400	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.862	19.440	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.862	19.400	PASS

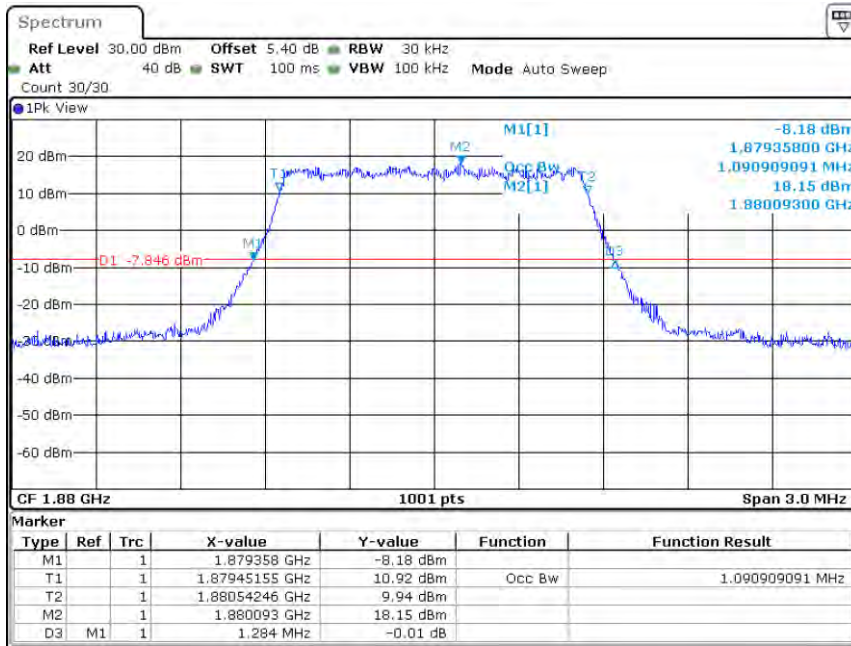
4.2. Test Plots



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

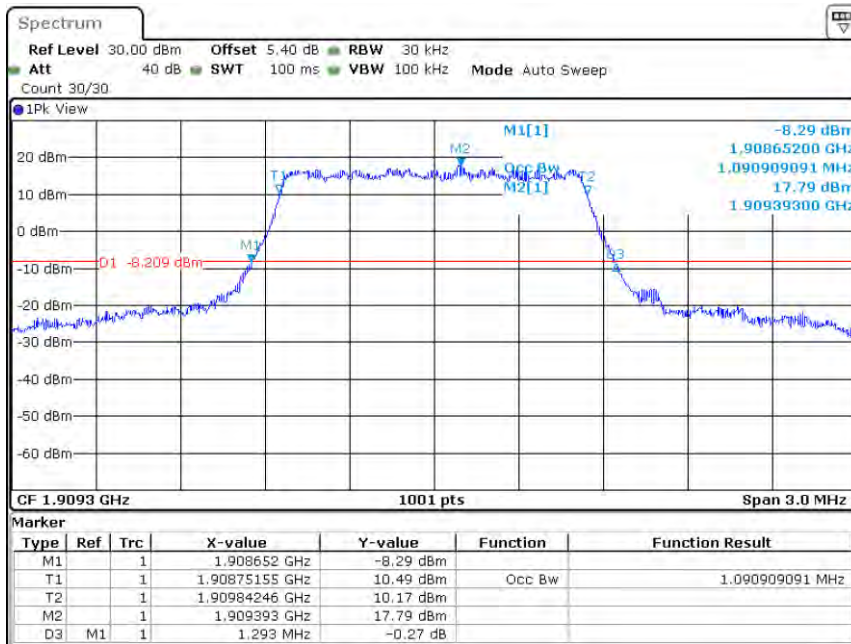


Band2-1.4MHz-QPSK-18900-6RB#0-1.091



Date: 17.MAY.2021 05:20:30

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



Date: 17.MAY.2021 05:20:56

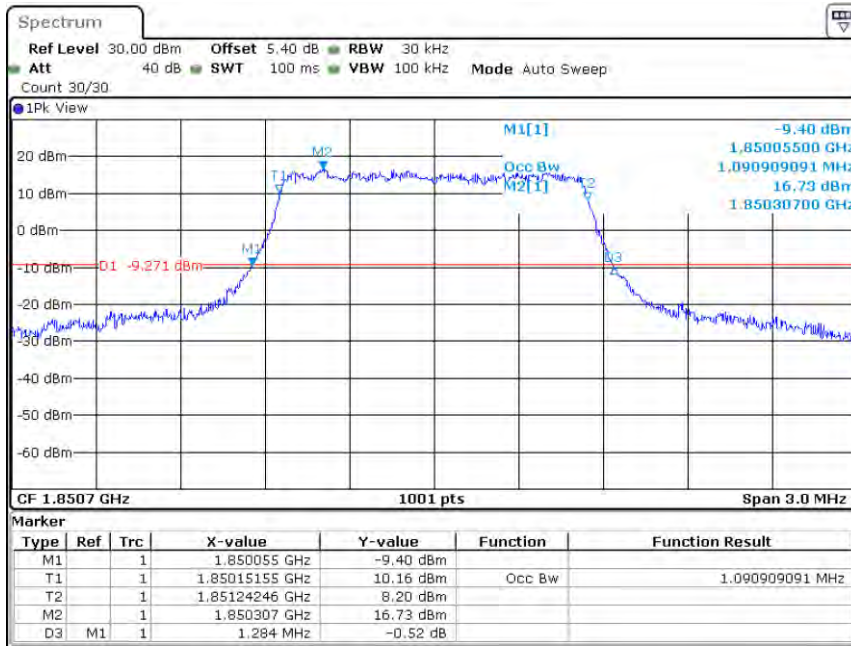


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

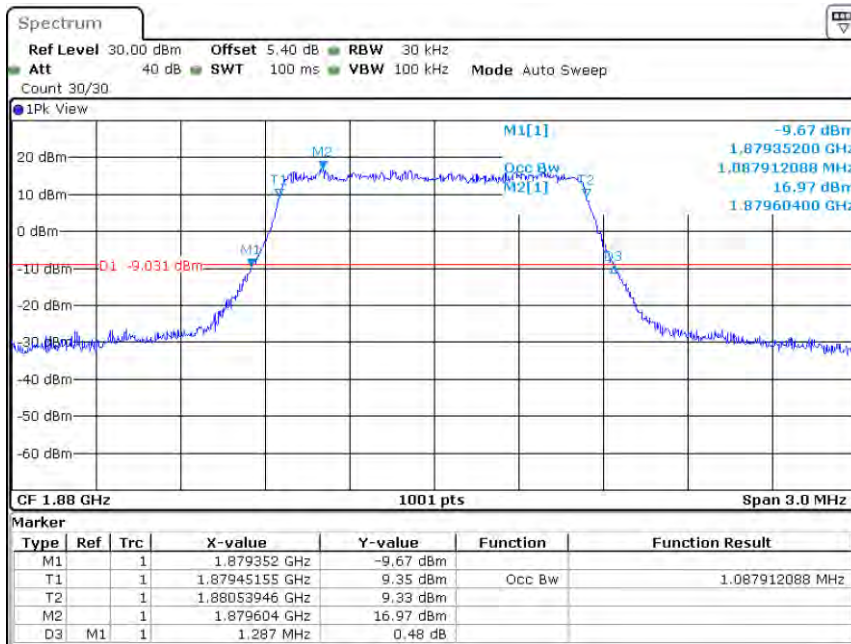
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 17.MAY.2021 05:20:17

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

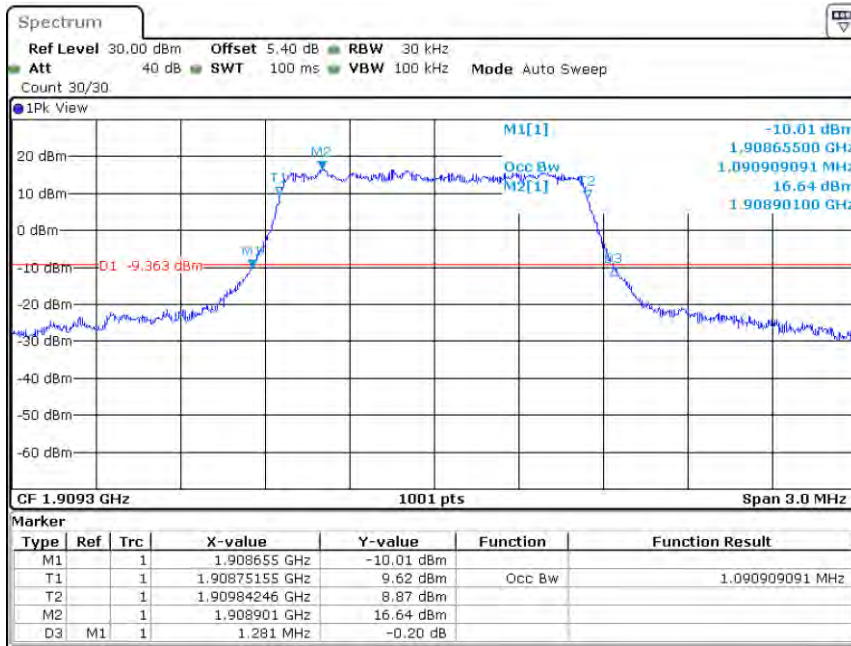


Date: 17.MAY.2021 05:20:43



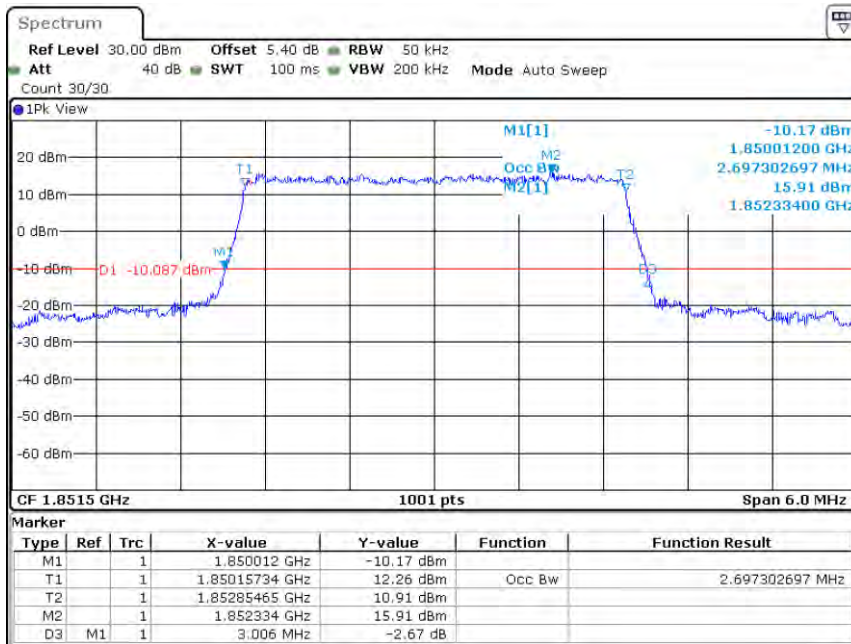
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 17.MAY.2021 05:21:09

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

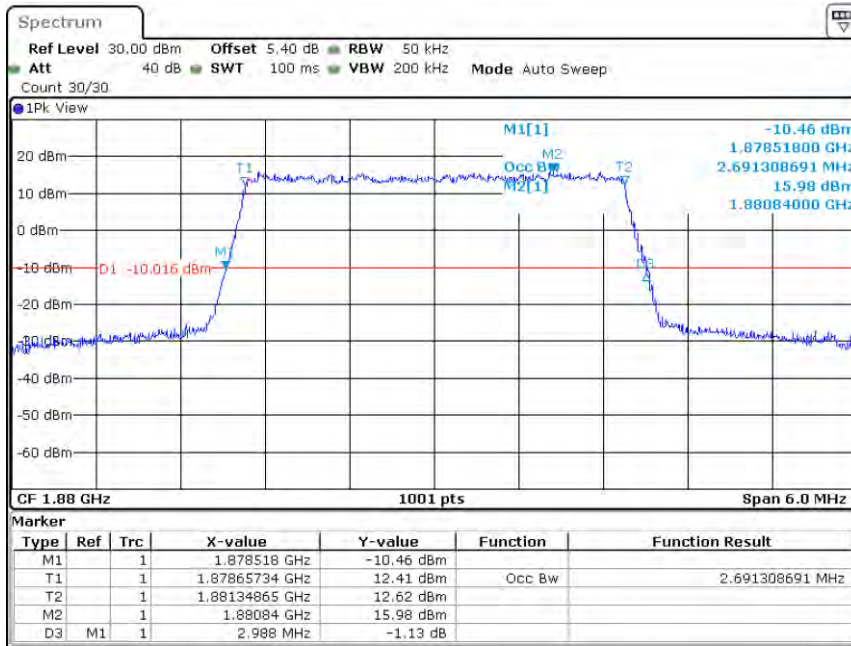


Date: 17.MAY.2021 05:21:27



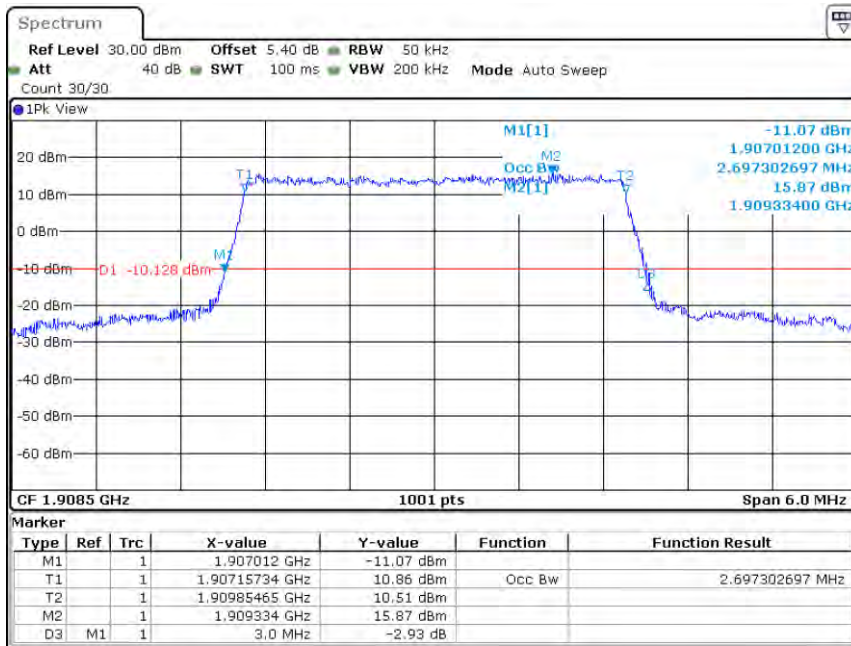
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band2-3MHz-QPSK-18900-15RB#0-2.691



Date: 17.MAY.2021 05:21:52

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

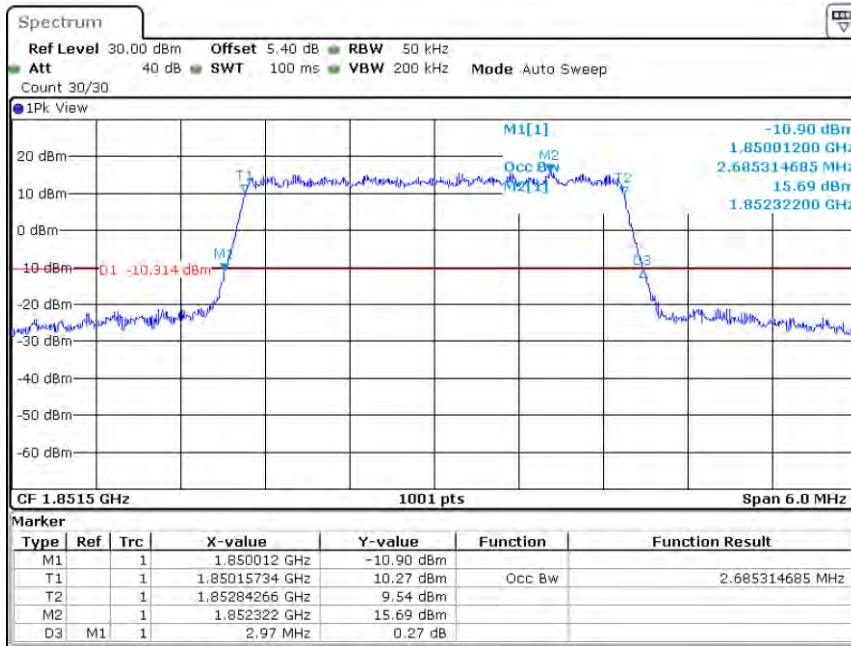


Date: 17.MAY.2021 05:22:18



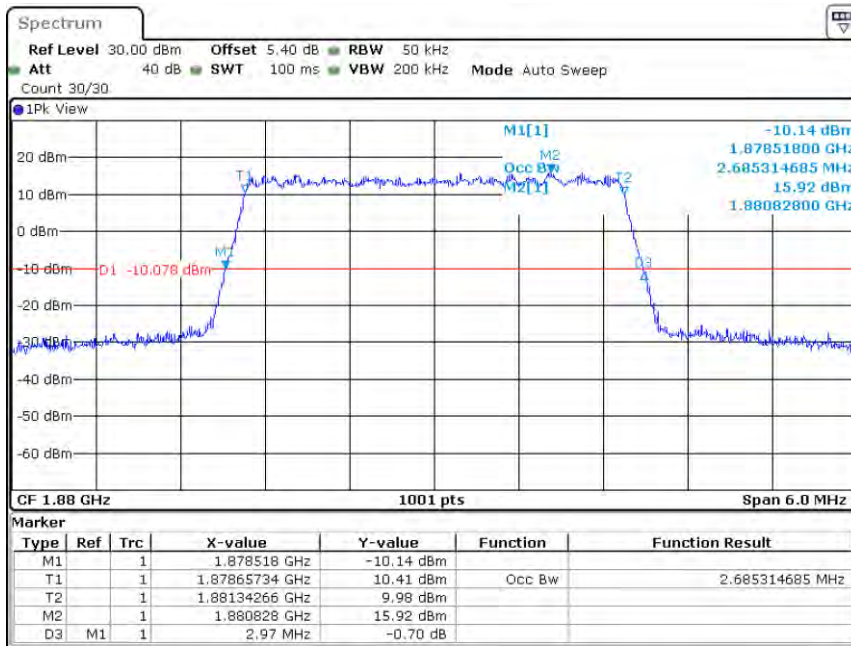
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 17.MAY.2021 05:21:39

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

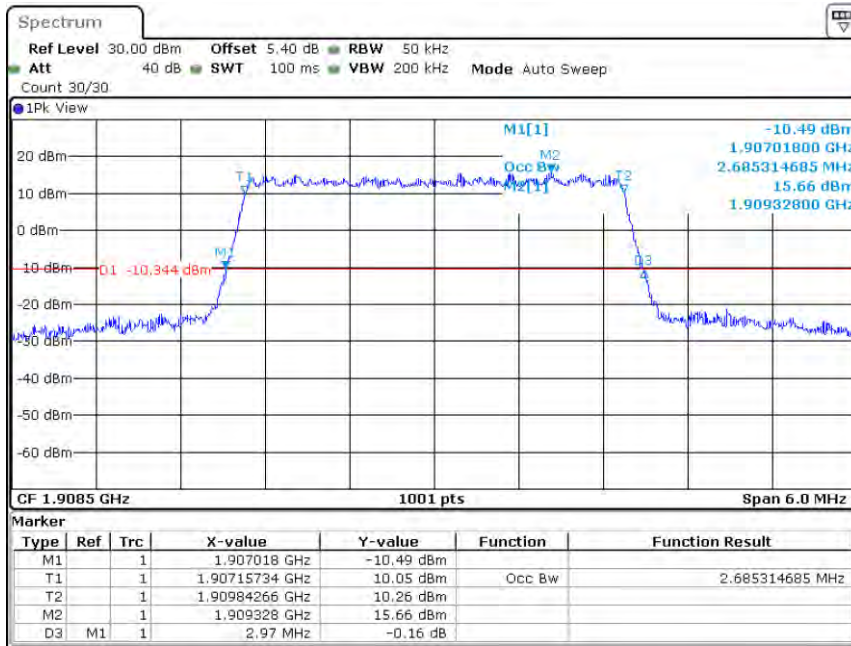


Date: 17.MAY.2021 05:22:05



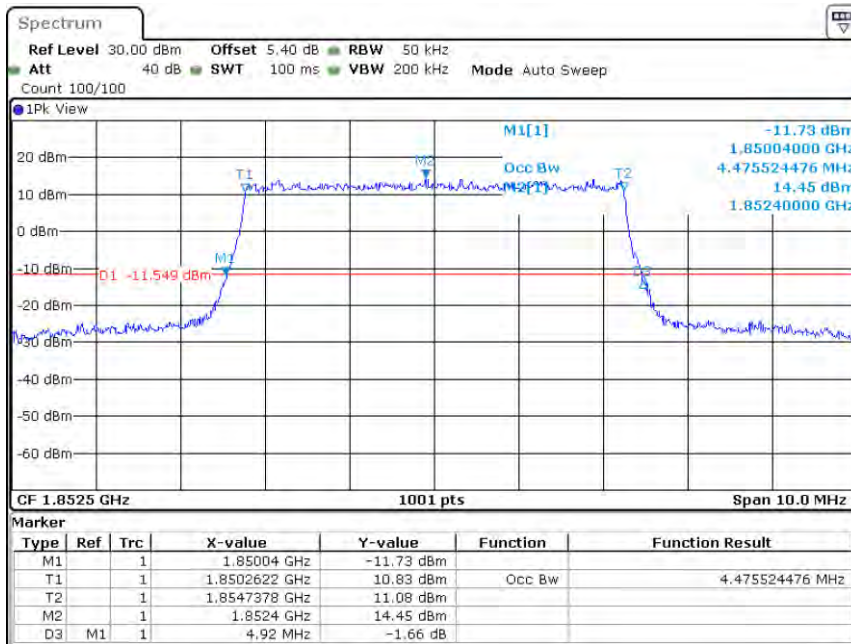
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 17.MAY.2021 05:22:31

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



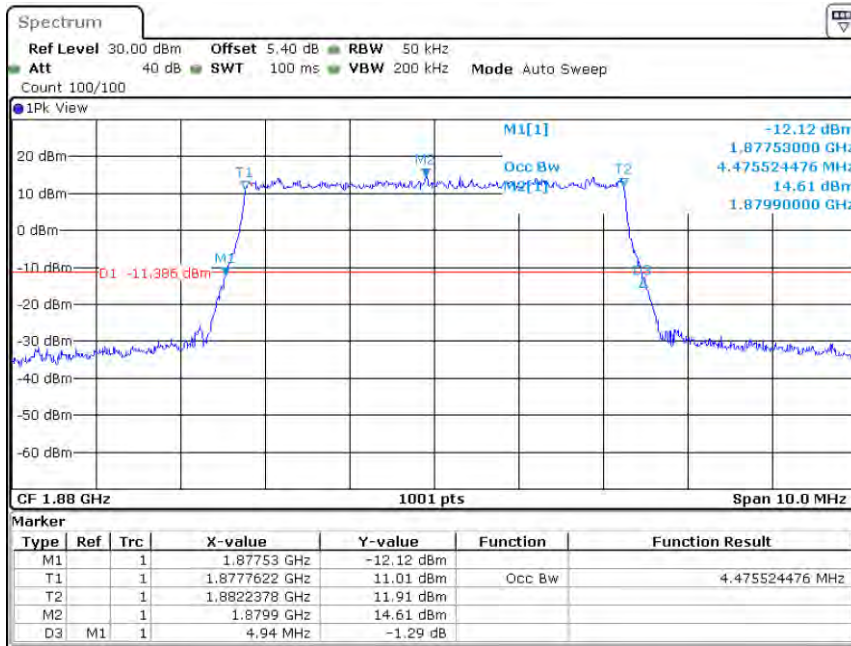
Date: 17.MAY.2021 05:22:55



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

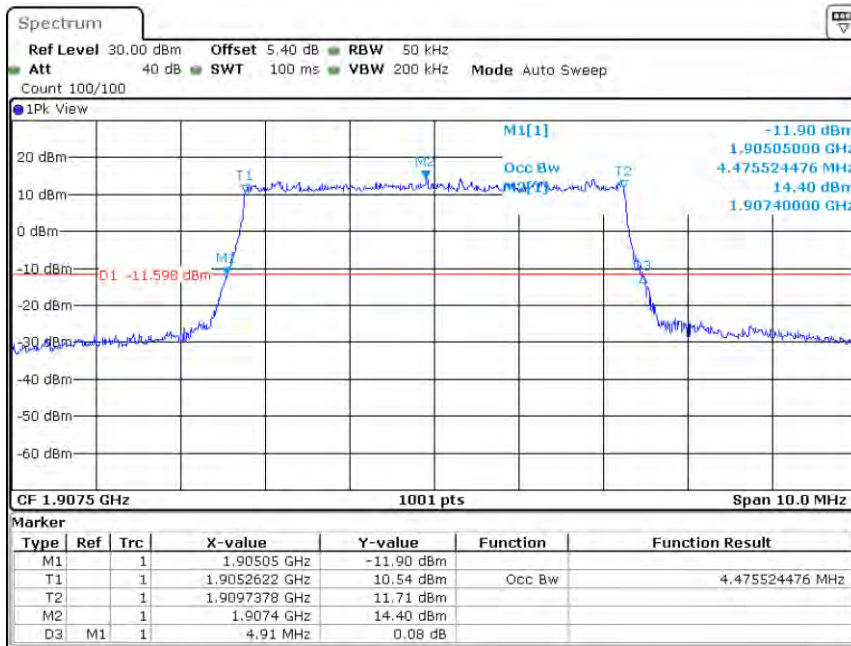


Band2-5MHz-QPSK-18900-25RB#0-4.476



Date: 17.MAY.2021 05:23:35

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



Date: 17.MAY.2021 05:24:15

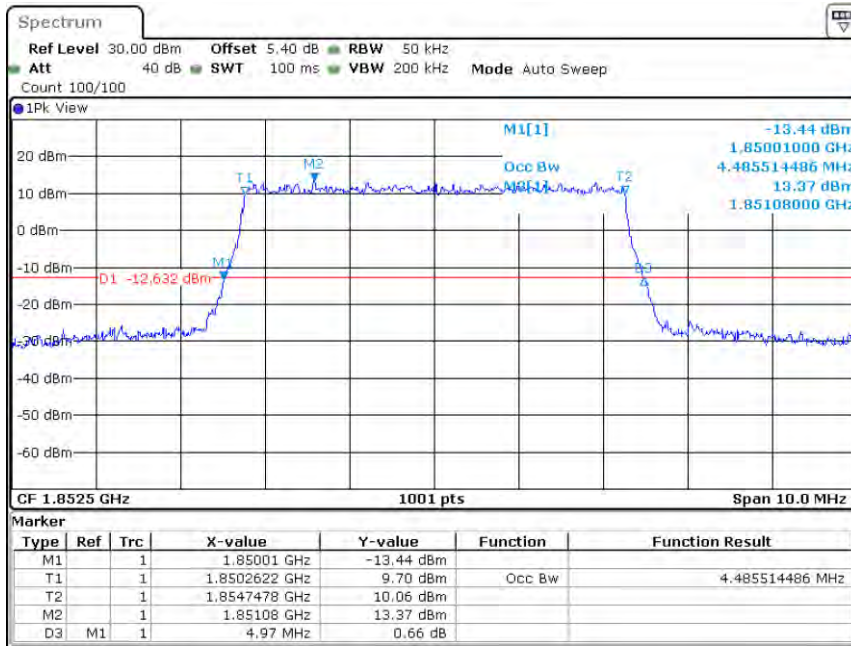


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
Shenzhen Branch, 1000000000 Laboratory

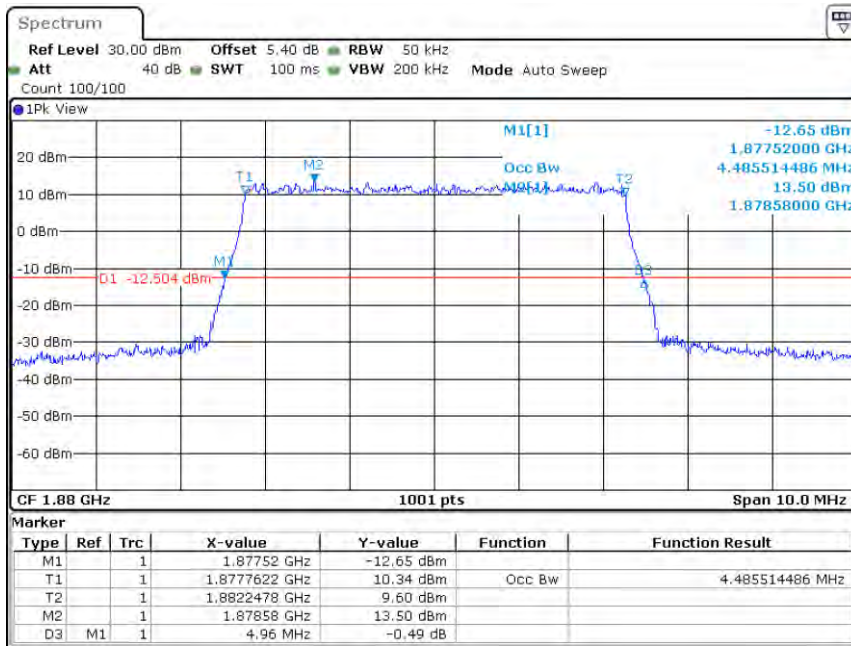
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
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-16QAM-18625-25RB#0-4.486



Date: 17.MAY.2021 05:23:15

Band2-5MHz-16QAM-18900-25RB#0-4.486

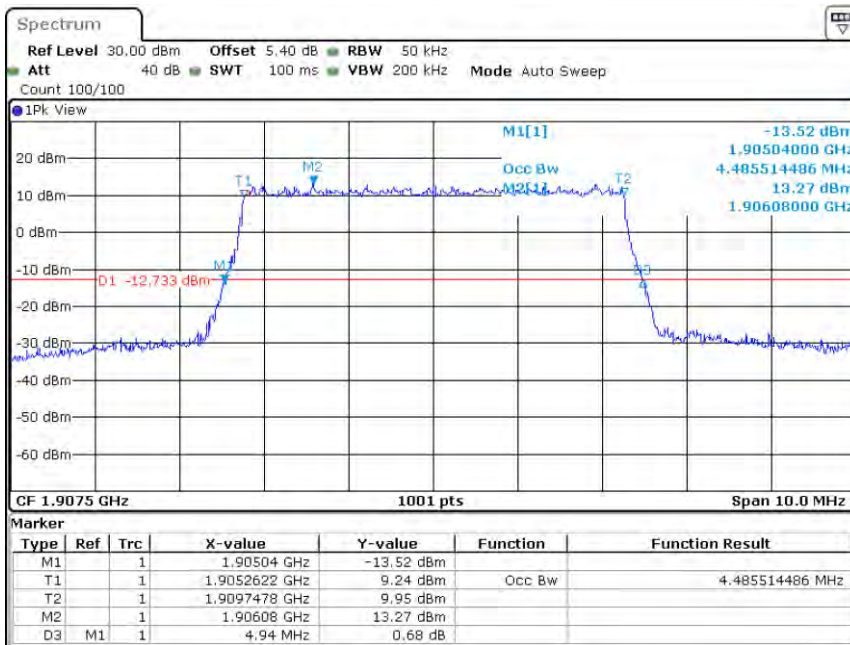


Date: 17.MAY.2021 05:23:55



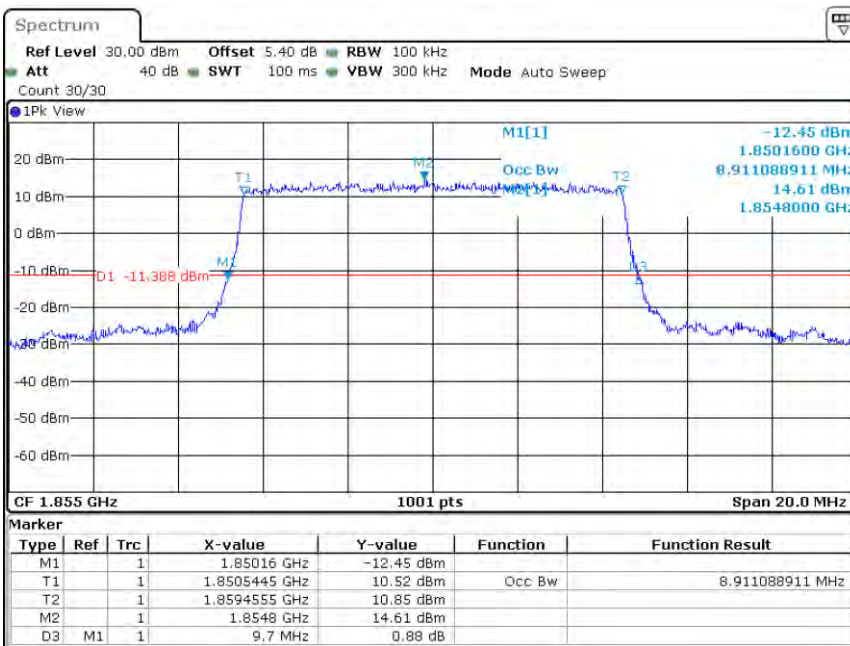
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 17.MAY.2021 05:24:35

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



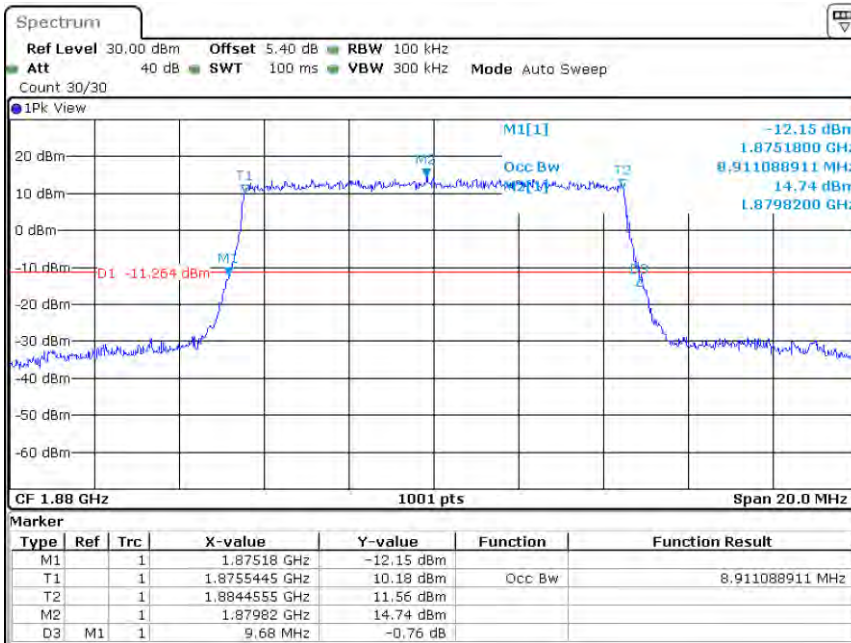
Date: 17.MAY.2021 05:24:53



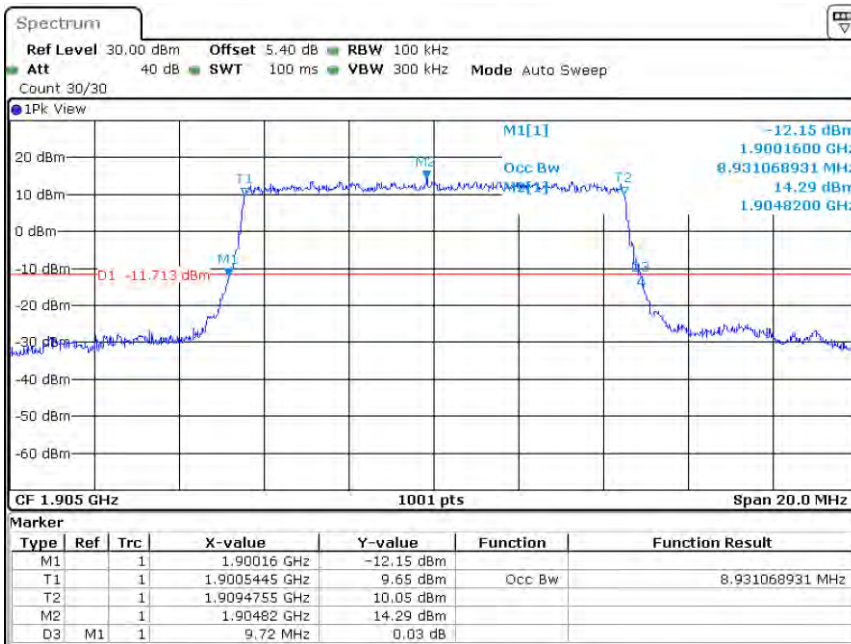
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



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

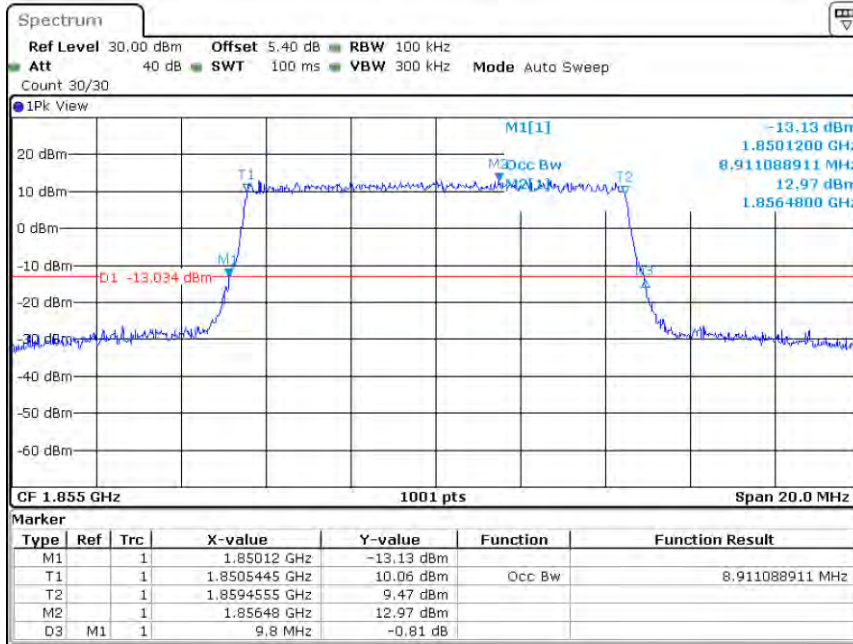


Band2-10MHz-QPSK-19150-50RB#0-8.931



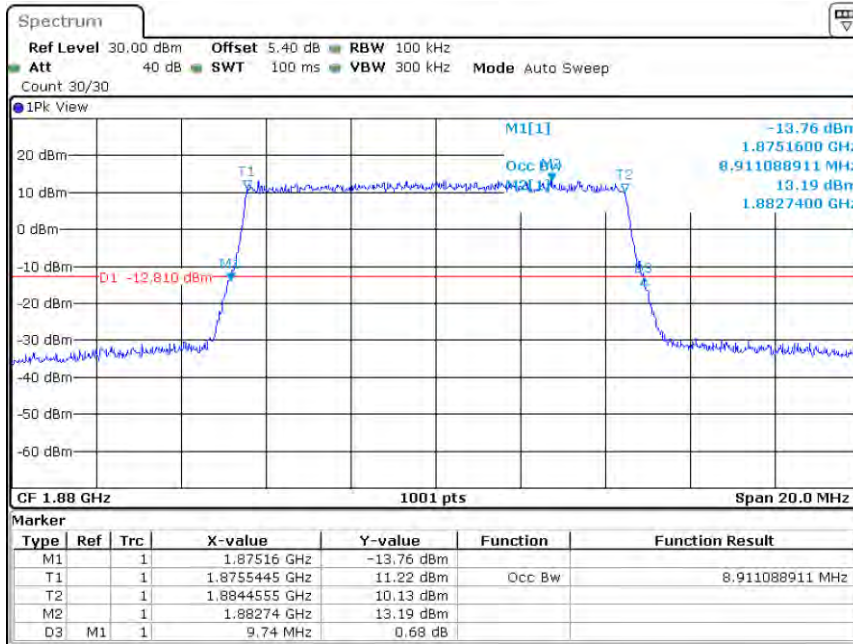
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 17.MAY.2021 05:25:05

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

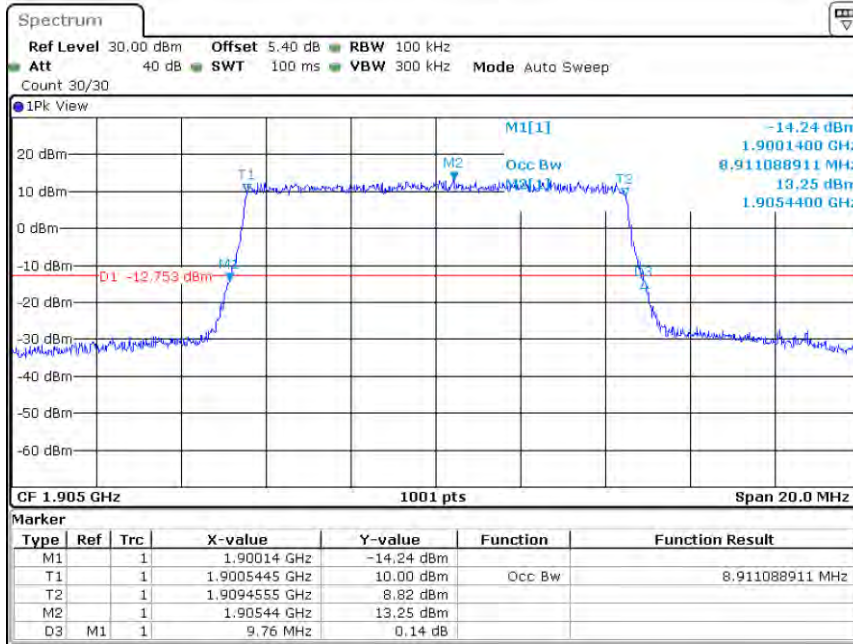


Date: 17.MAY.2021 05:25:31



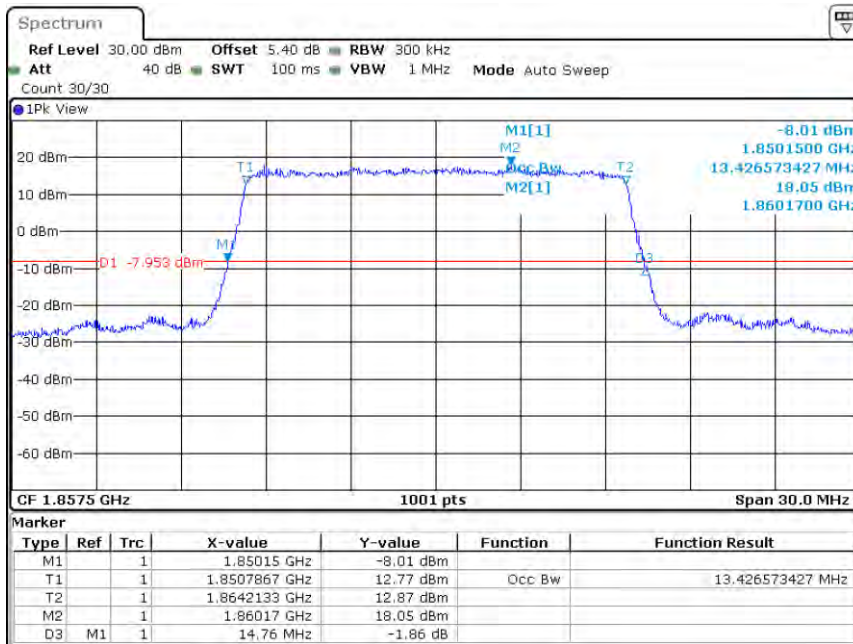
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 17.MAY.2021 05:25:57

Band2-15MHz-QPSK-18675-75RB#0-13.427

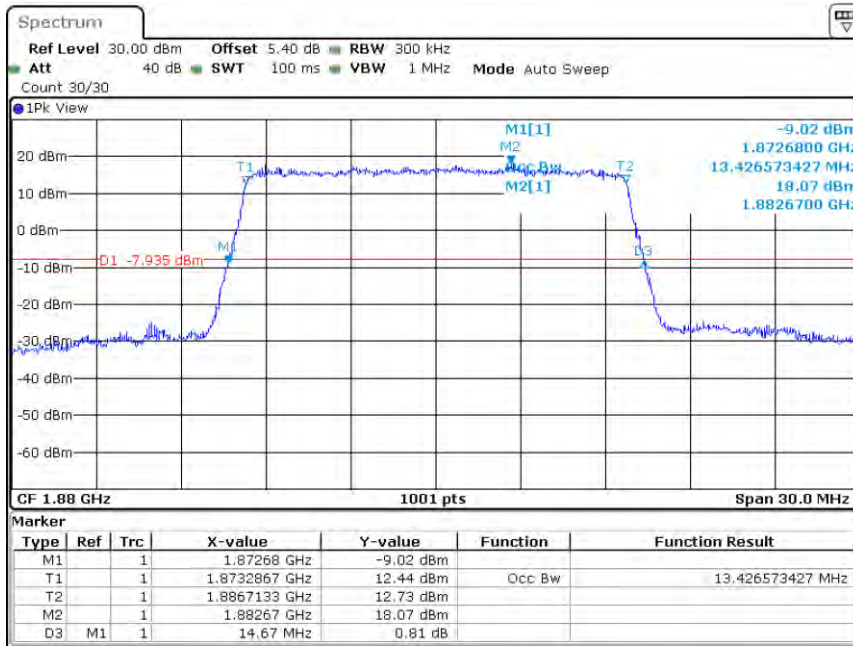


Date: 17.MAY.2021 05:26:14



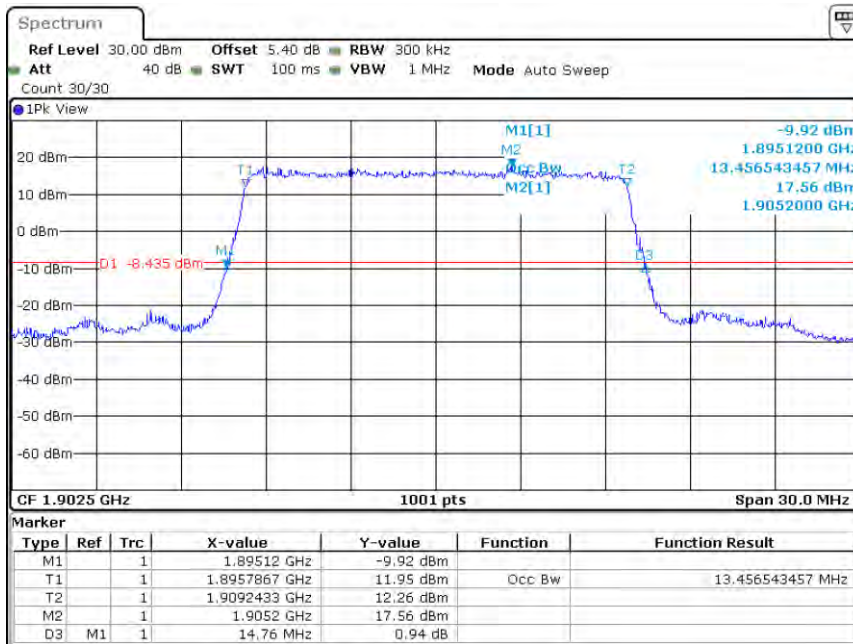
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 17.MAY.2021 05:26:40

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

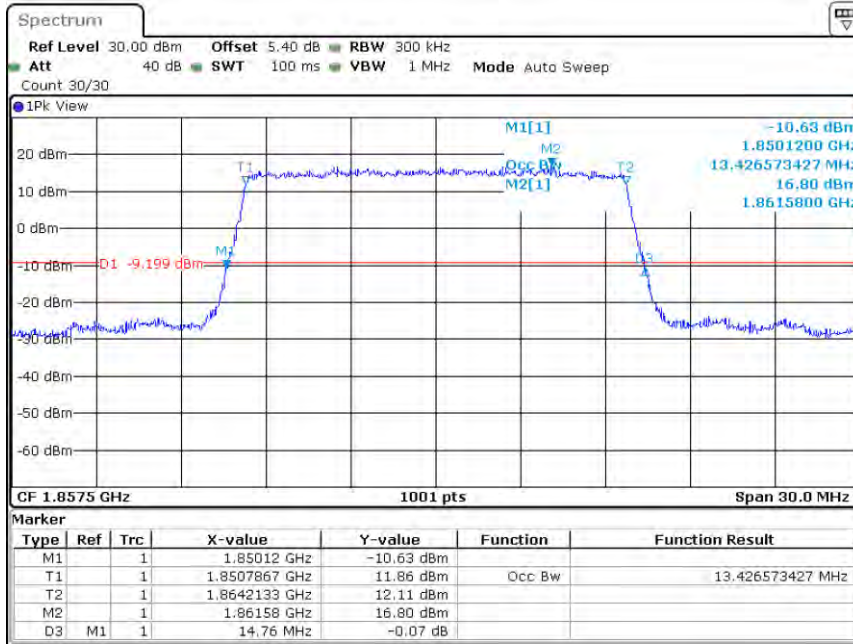


Date: 17.MAY.2021 05:27:05



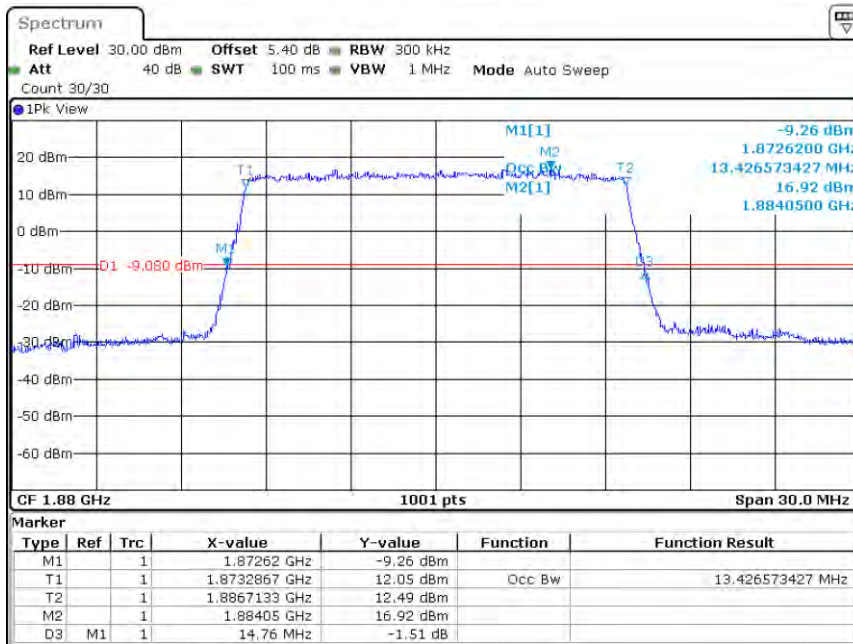
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 17.MAY.2021 05:26:27

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



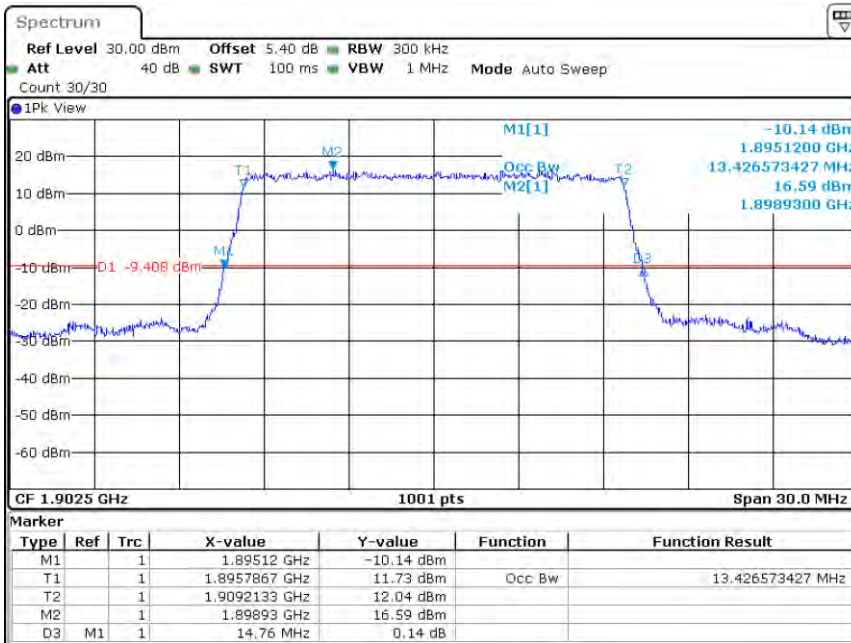
Date: 17.MAY.2021 05:26:52



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

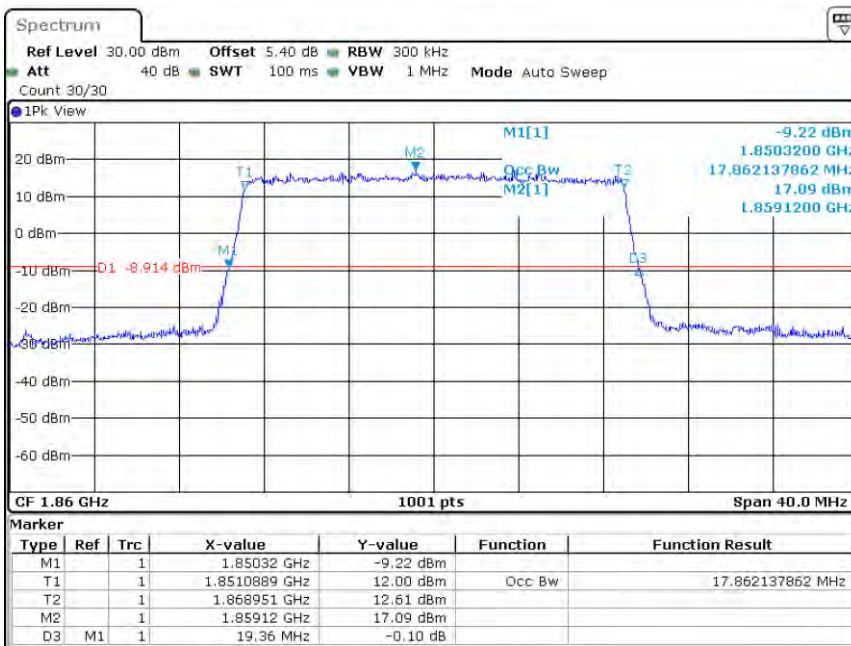


Band2-15MHz-16QAM-19125-75RB#0-13.427



Date: 17.MAY 2021 05:27:18

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

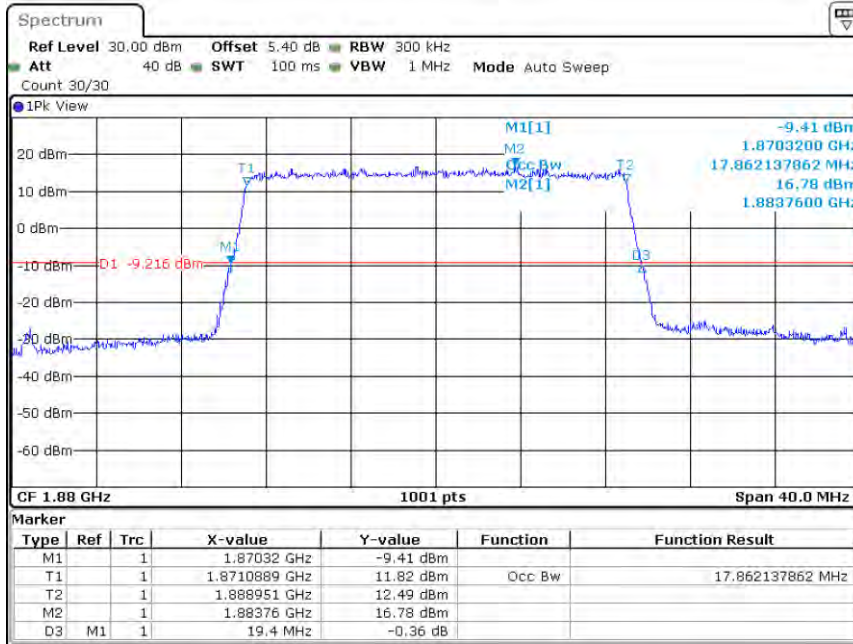


Date: 17.MAY 2021 05:27:35



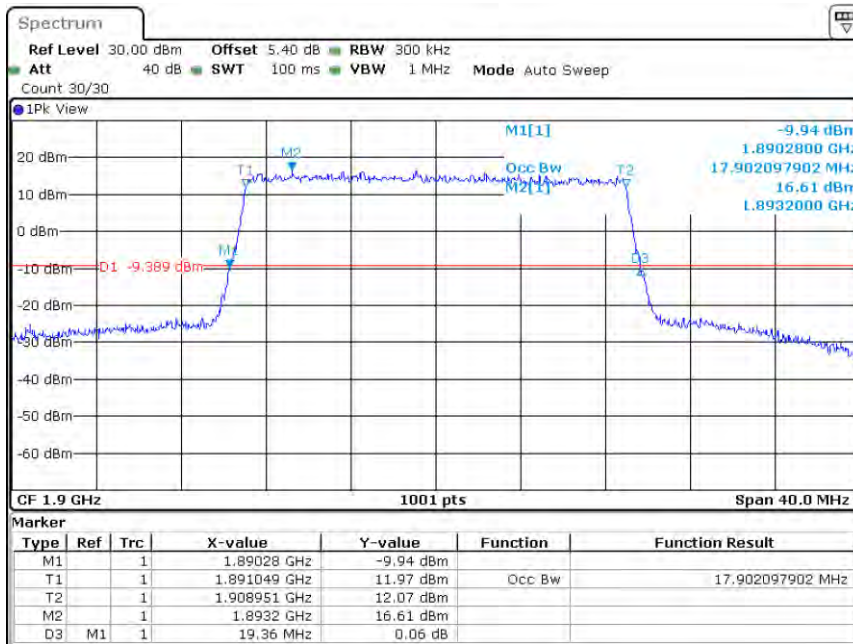
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 17.MAY.2021 05:28:01

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



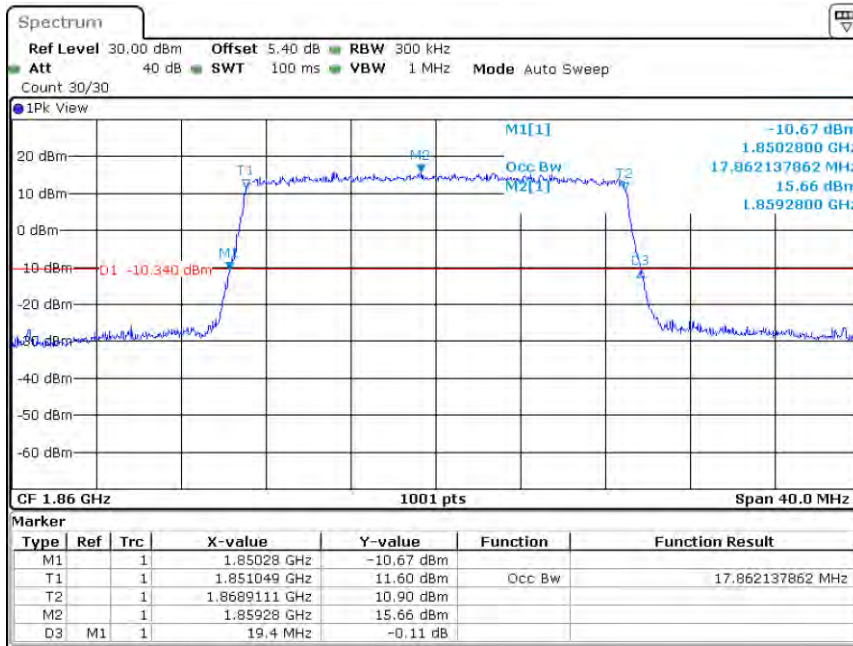
Date: 17.MAY.2021 05:28:27



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

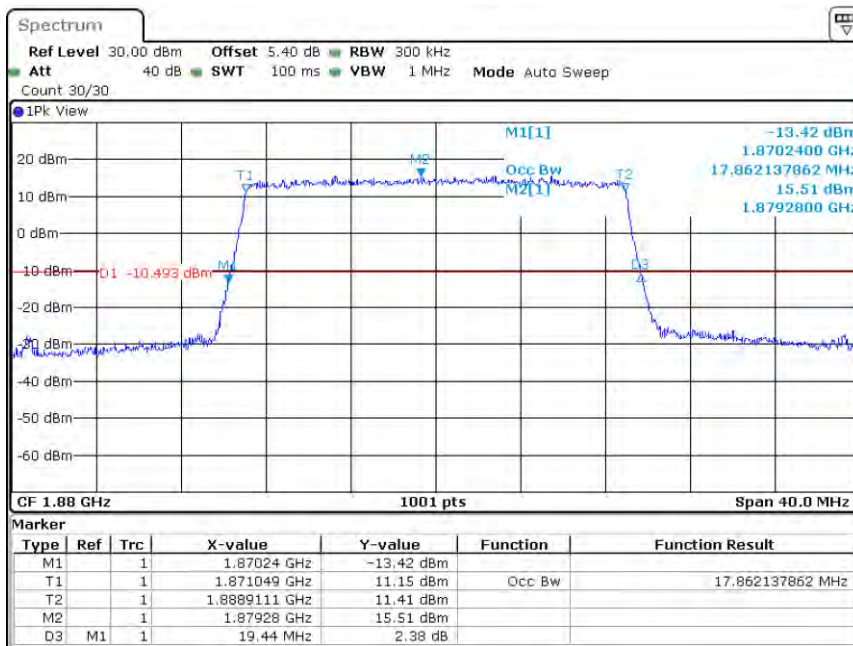


Band2-20MHz-16QAM-18700-100RB#0-17.862



Date: 17.MAY.2021 05:27:48

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

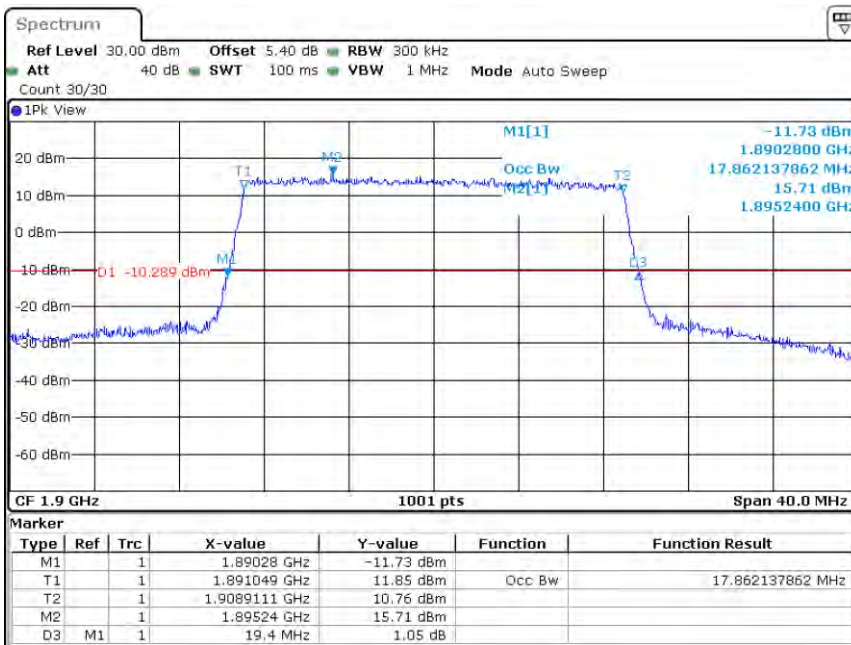


Date: 17.MAY.2021 05:28:14



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

Band2-20MHz-16QAM-19100-100RB#0-17.862



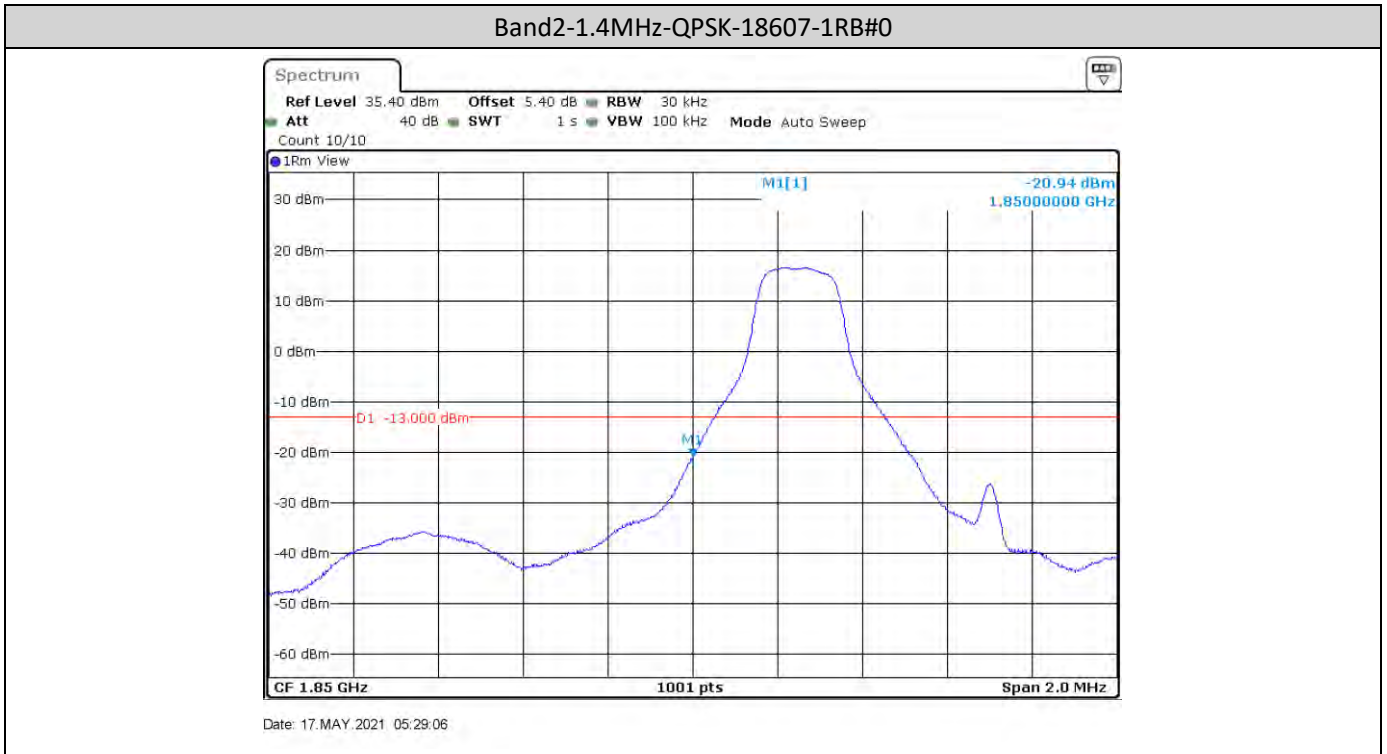
Date: 17.MAY 2021 05:28:40



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

5. Band Edge Compliance

5.1. Test Plots



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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区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: 17.MAY.2021 05:31:59

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



Date: 17.MAY.2021 05:30:33



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

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



Date: 17.MAY.2021 05:32:40

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



Date: 17.MAY.2021 05:29:27



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

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



Date: 17.MAY.2021 05:32:20

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



Date: 17.MAY.2021 05:30:53



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

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



Date: 17.MAY.2021 05:38:21

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



Date: 17.MAY.2021 05:34:54



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

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



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



Date: 17.MAY.2021 05:37:02

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



Date: 17.MAY.2021 05:33:48



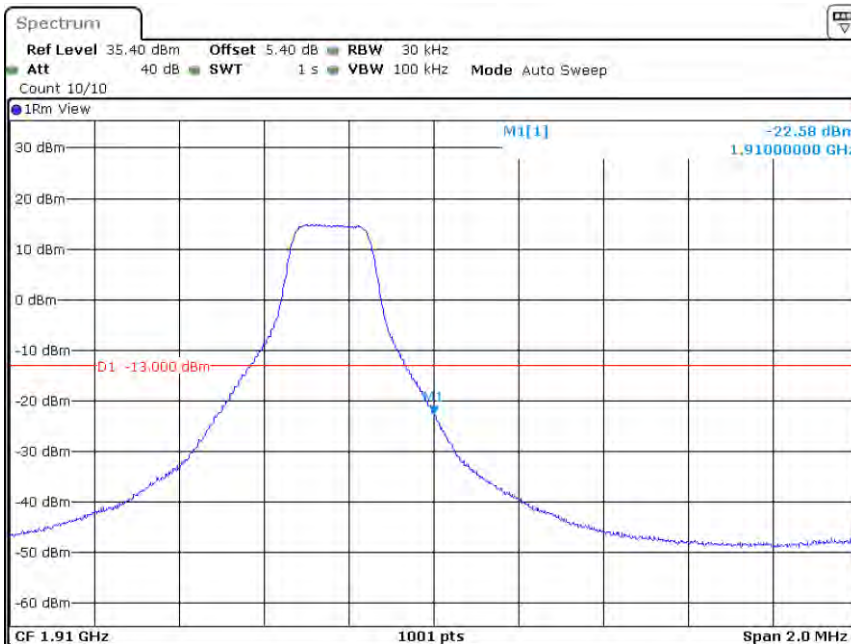
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 17.MAY.2021 05:36:42

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



Date: 17.MAY.2021 05:35:15



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

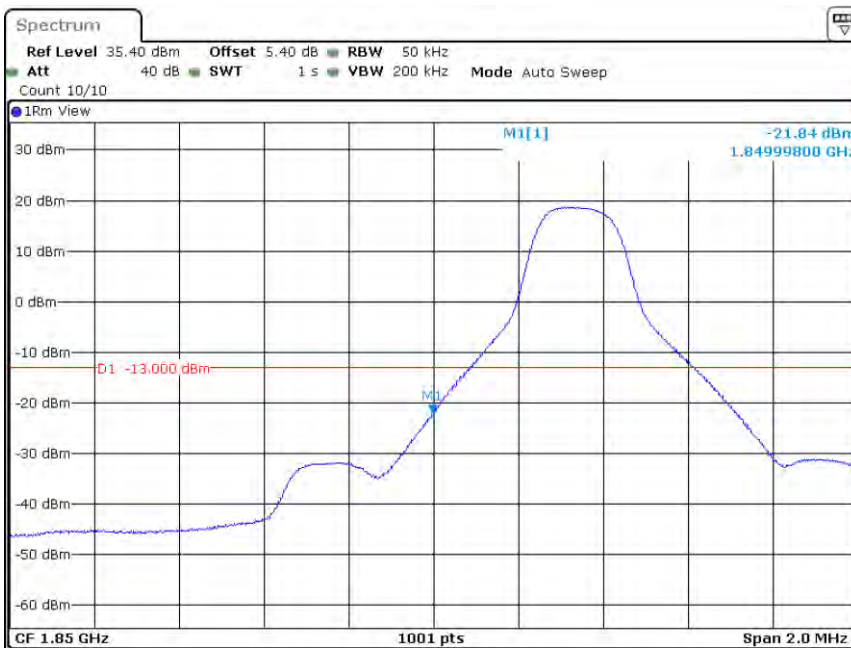
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Date: 17.MAY.2021 05:37:23

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

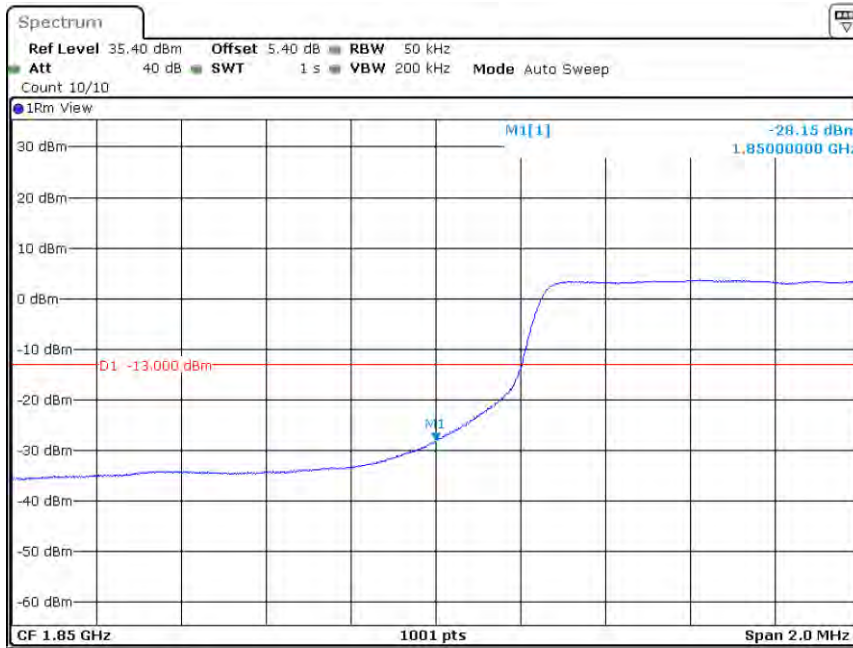


Date: 17.MAY.2021 05:37:48



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

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



Date: 17.MAY.2021 05:40:42

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



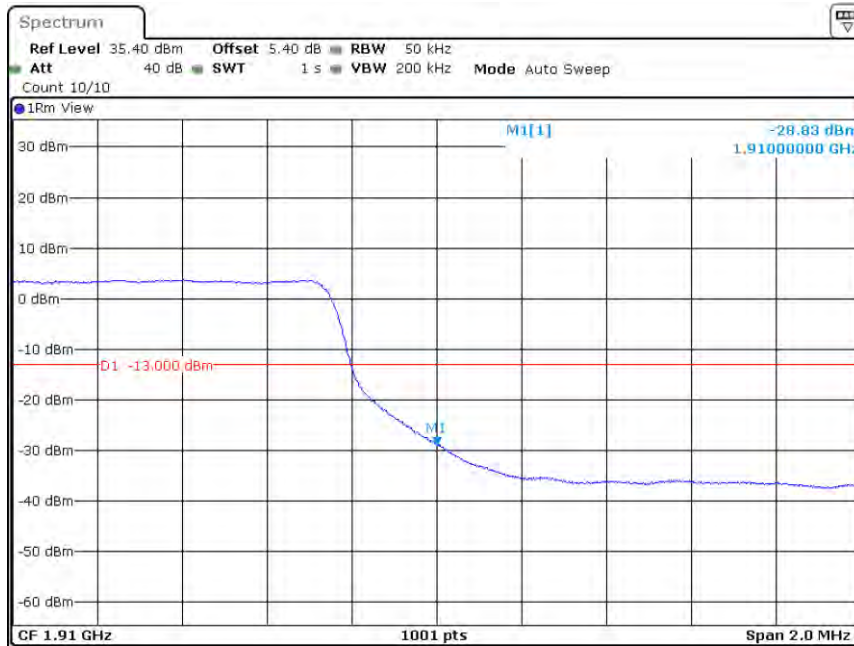
Date: 17.MAY.2021 05:39:15



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

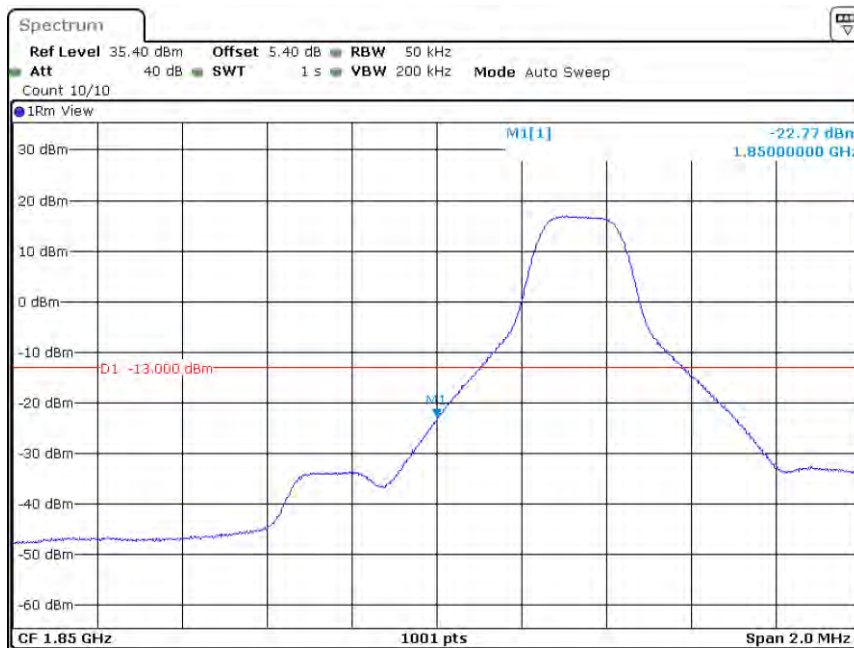


Band2-5MHz-QPSK-19175-25RB#0



Date: 17.MAY.2021 05:41:23

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



Date: 17.MAY.2021 05:38:09



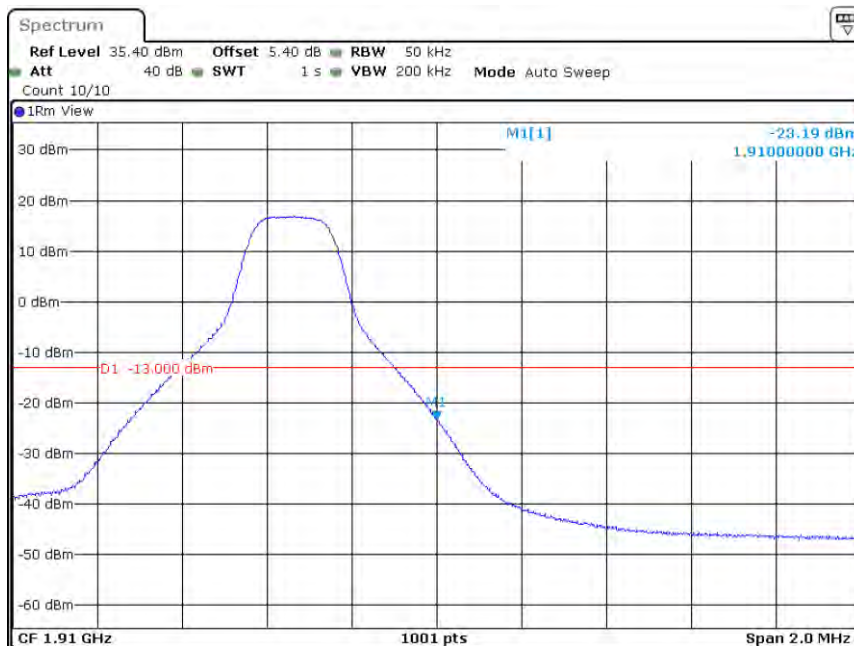
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 17.MAY.2021 05:41:02

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



Date: 17.MAY.2021 05:39:36



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

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

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



Date: 17.MAY.2021 05:41:44

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



Date: 17.MAY.2021 05:42:09



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

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



Date: 17.MAY.2021 05:45:02

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



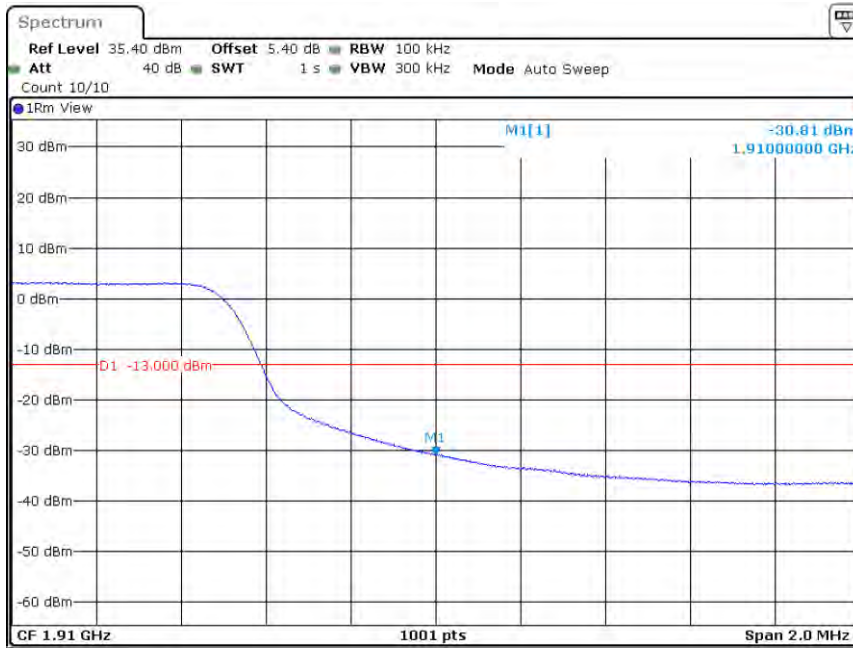
Date: 17.MAY.2021 05:43:35



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

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

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



Date: 17.MAY.2021 05:45:43

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



Date: 17.MAY.2021 05:42:29



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

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

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



Date: 17.MAY.2021 05:45:22

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



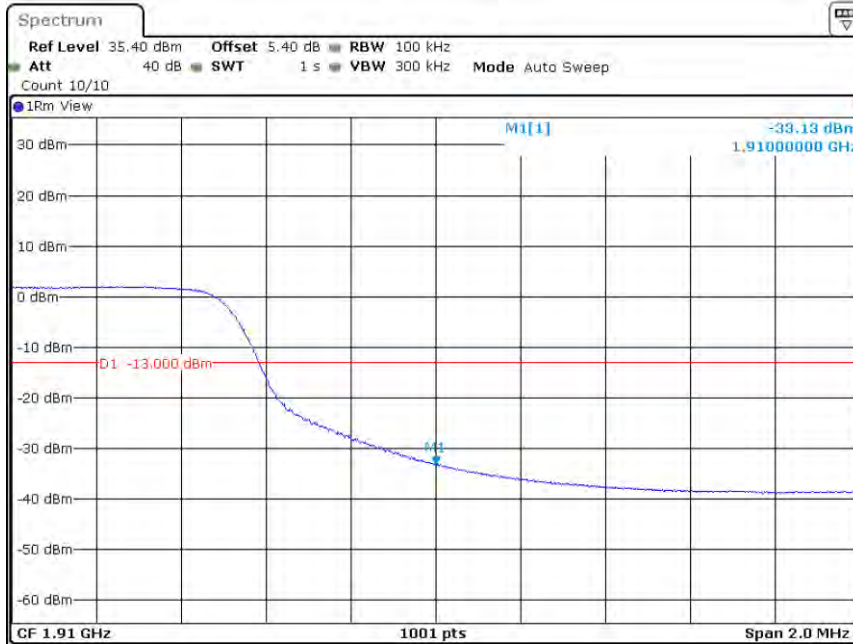
Date: 17.MAY.2021 05:43:56



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



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



Date: 17.MAY.2021 05:46:03

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

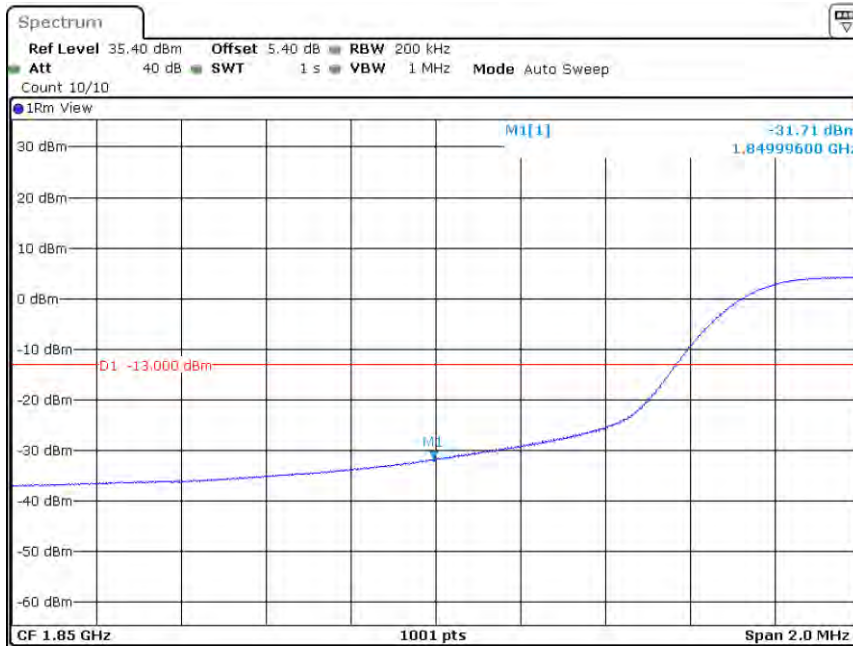


Date: 17.MAY.2021 05:46:29



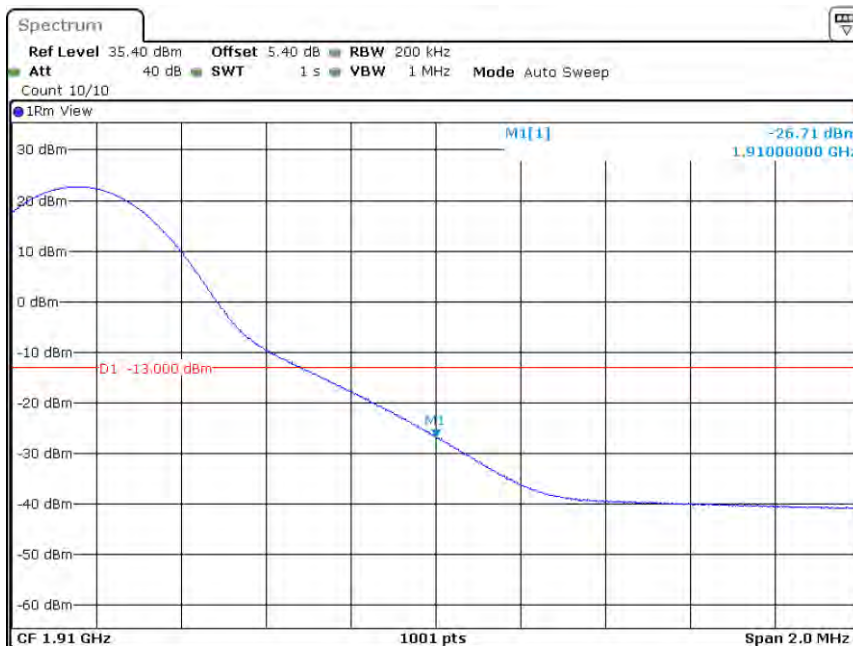
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 17.MAY 2021 05:49:21

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



Date: 17.MAY 2021 05:47:55



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



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



Date: 17.MAY.2021 05:50:03

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



Date: 17.MAY.2021 05:46:49



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

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



Date: 17.MAY.2021 05:49:42

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

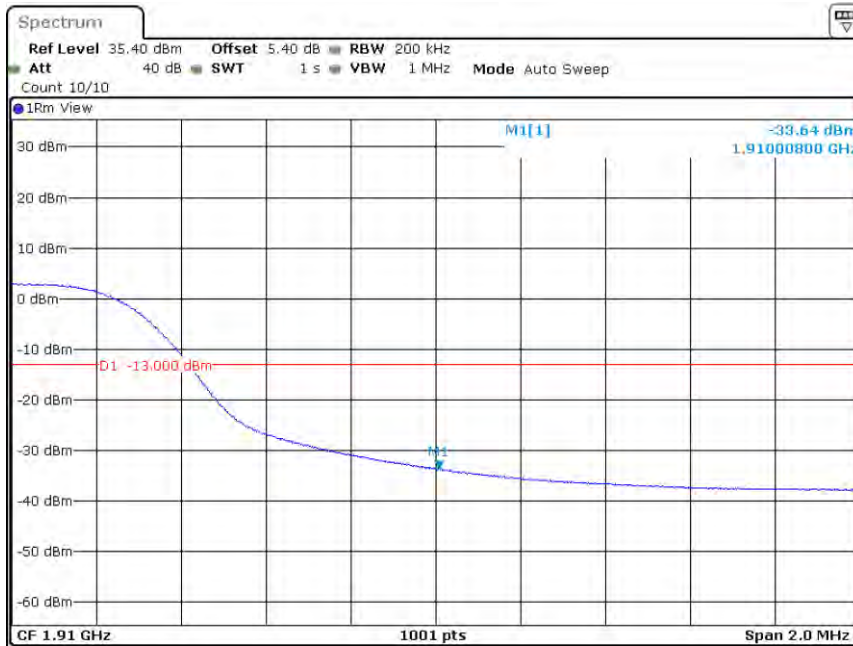


Date: 17.MAY.2021 05:48:16



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

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



Date: 17.MAY.2021 05:50:24

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



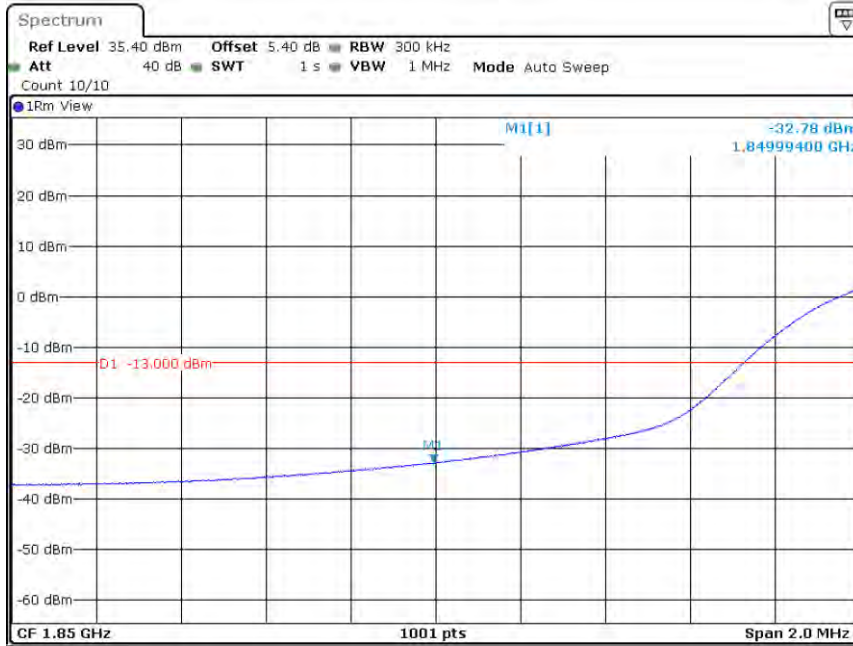
Date: 17.MAY.2021 05:50:50



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

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

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



Date: 17.MAY.2021 05:53:43

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



Date: 17.MAY.2021 05:52:17

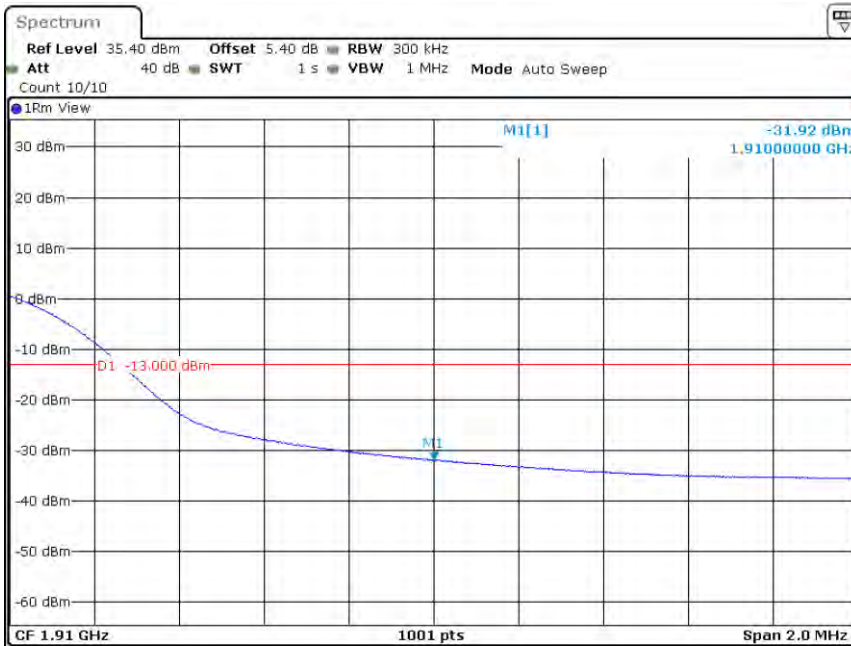


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

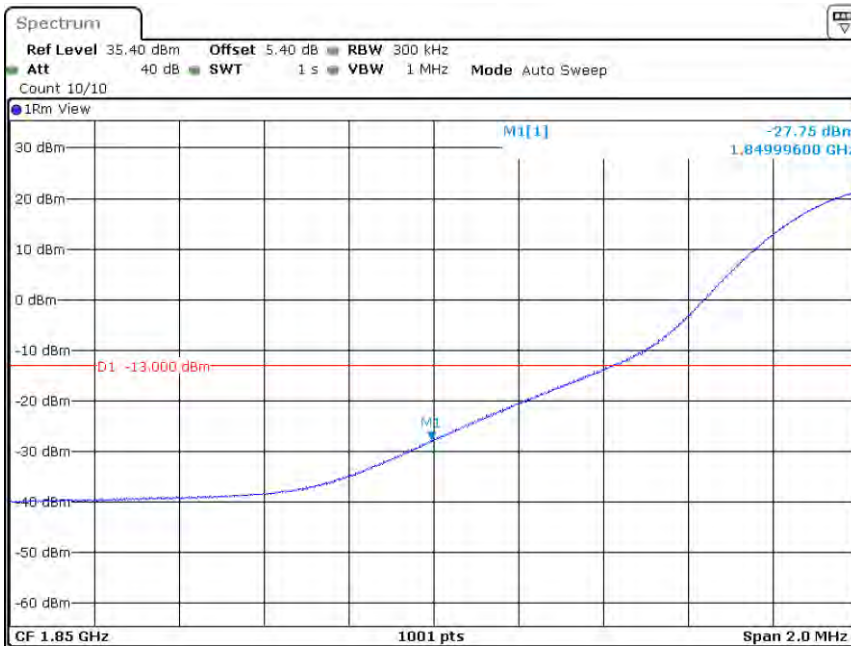


Band2-20MHz-QPSK-19100-100RB#0



Date: 17.MAY 2021 05:54:24

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



Date: 17.MAY 2021 05:51:10



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

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



Date: 17.MAY.2021 05:54:03

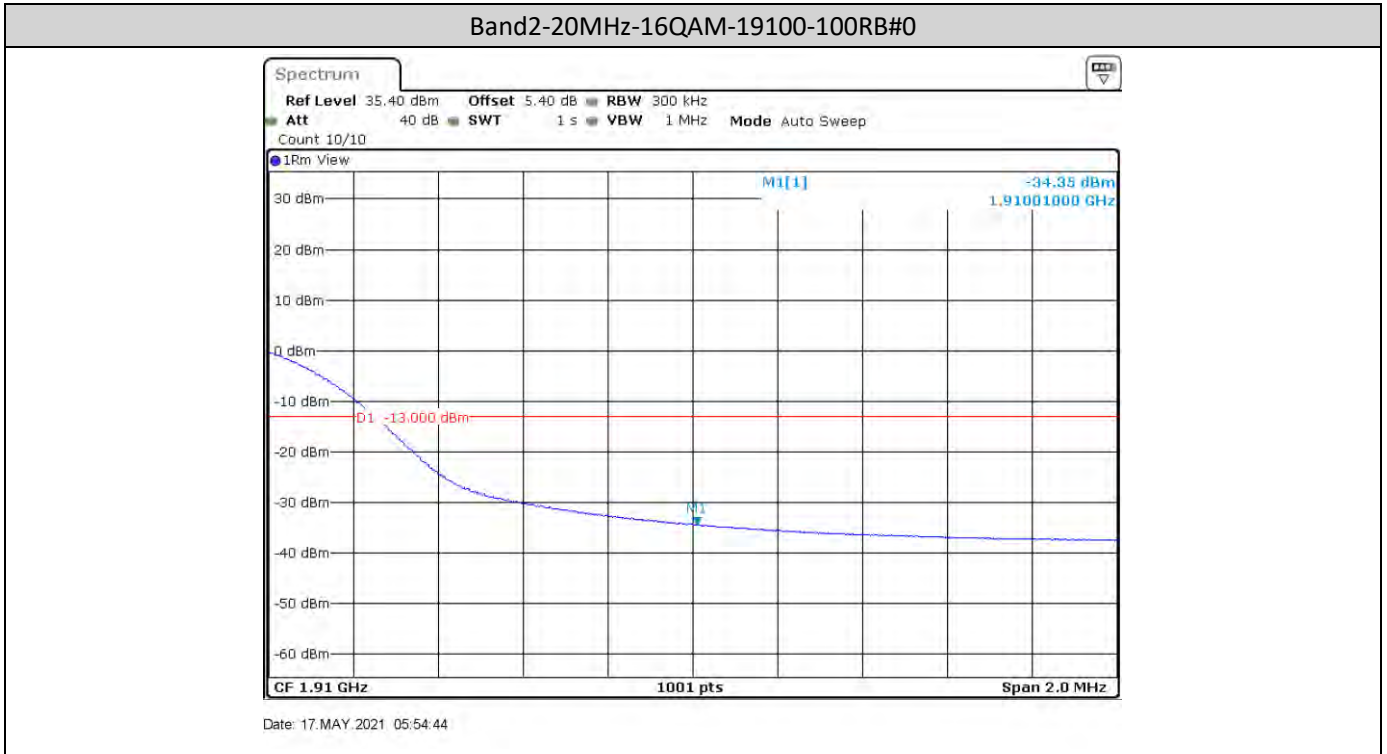
Band2-20MHz-16QAM-19100-1RB#99



Date: 17.MAY.2021 05:52:37



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



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

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

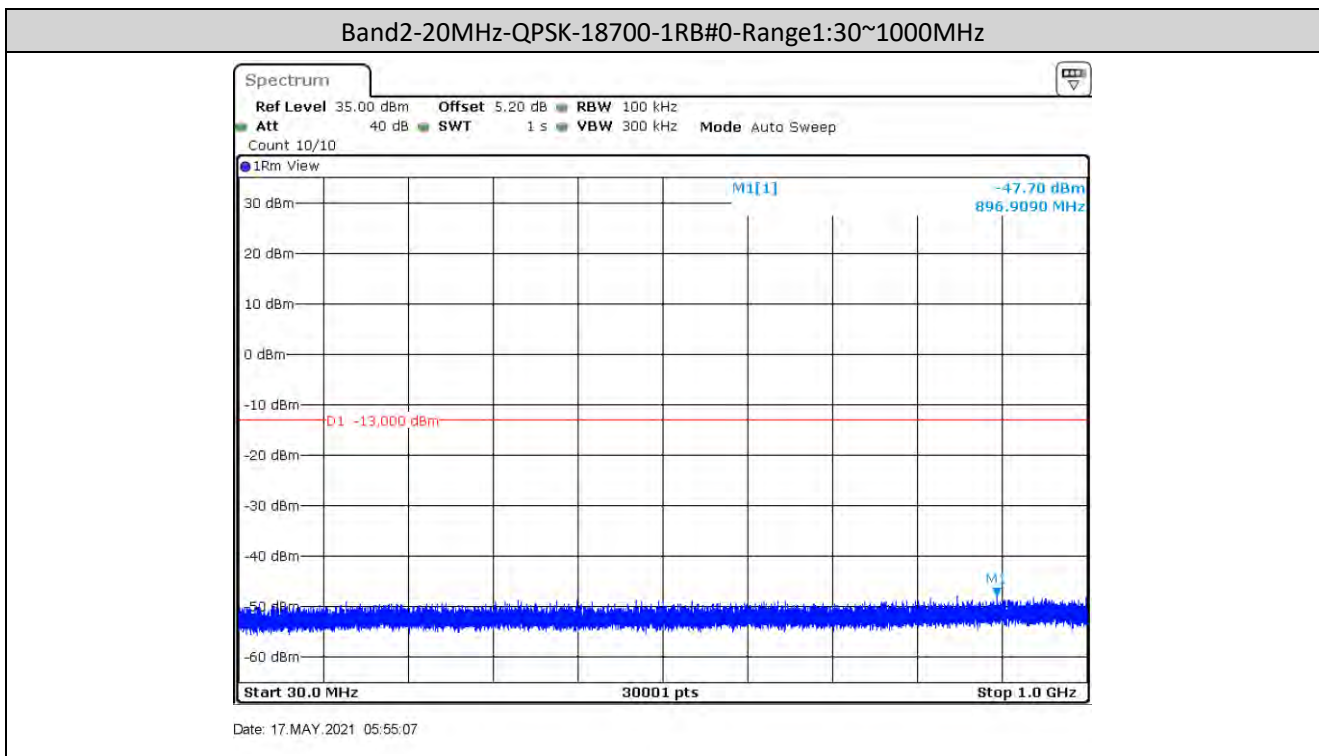
6. Spurious Emission at Antenna Terminal

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

Remark2: 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.

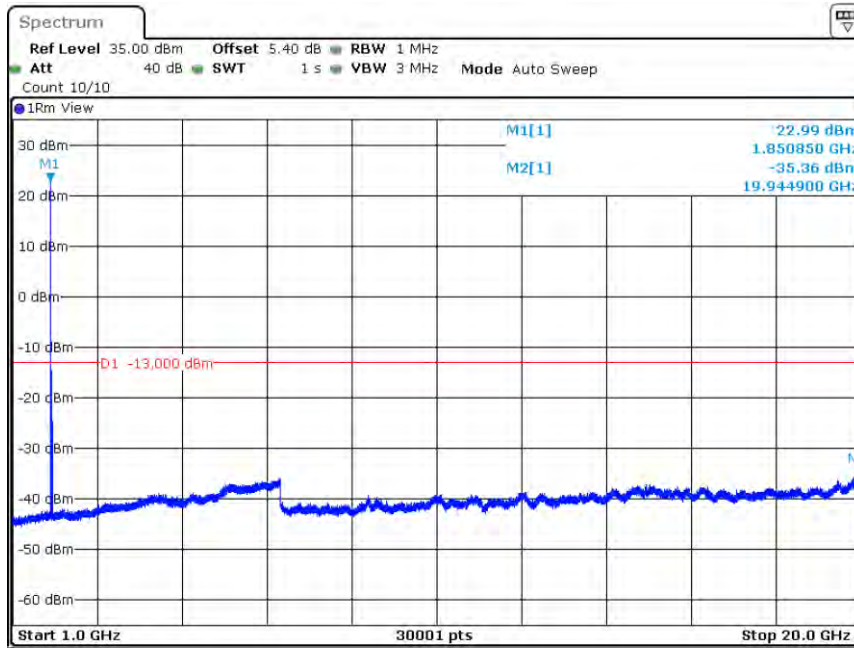
6.1. Test Plots



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.

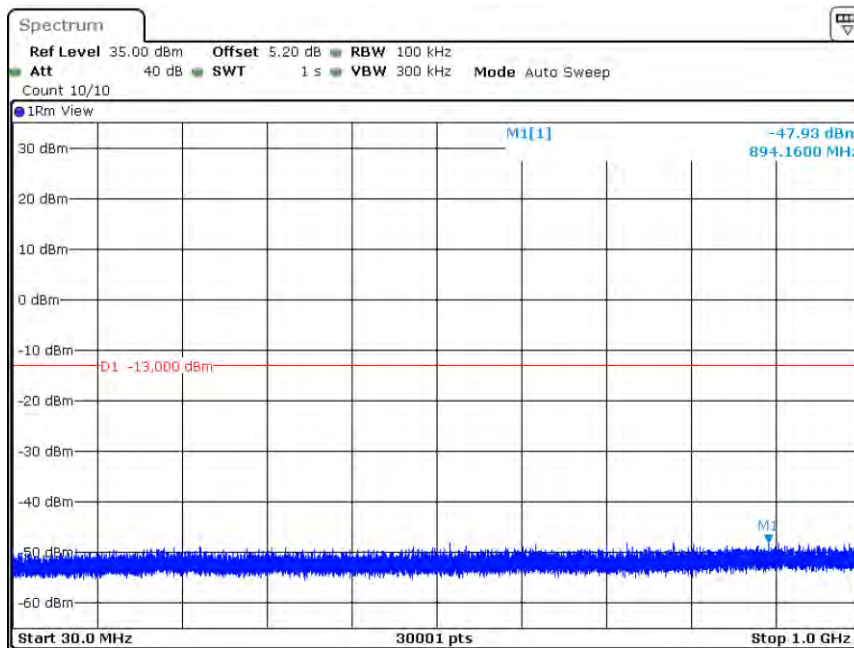
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Date: 17.MAY.2021 05:55:23

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



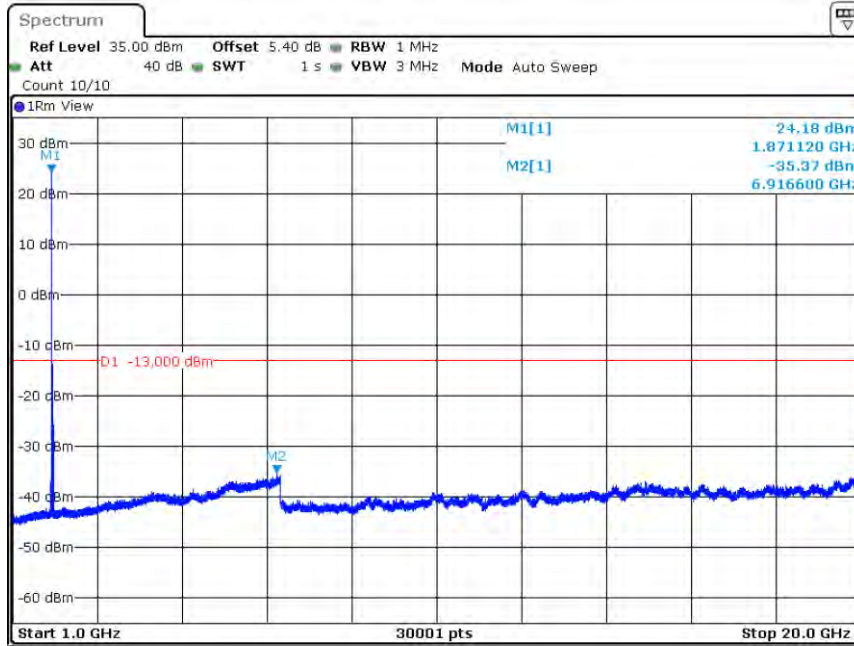
Date: 17.MAY.2021 05:56:17



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

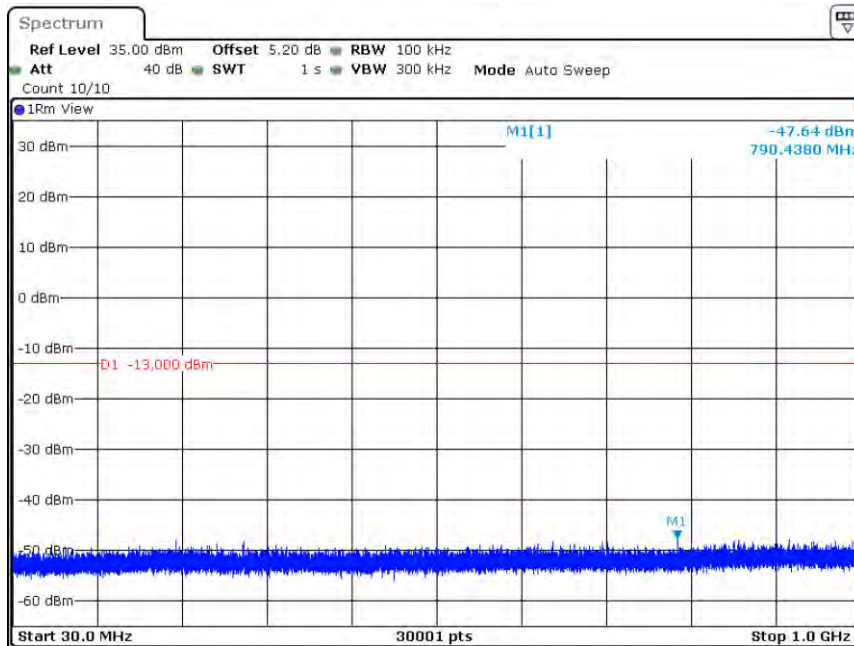
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Date: 17.MAY.2021 05:56:33

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



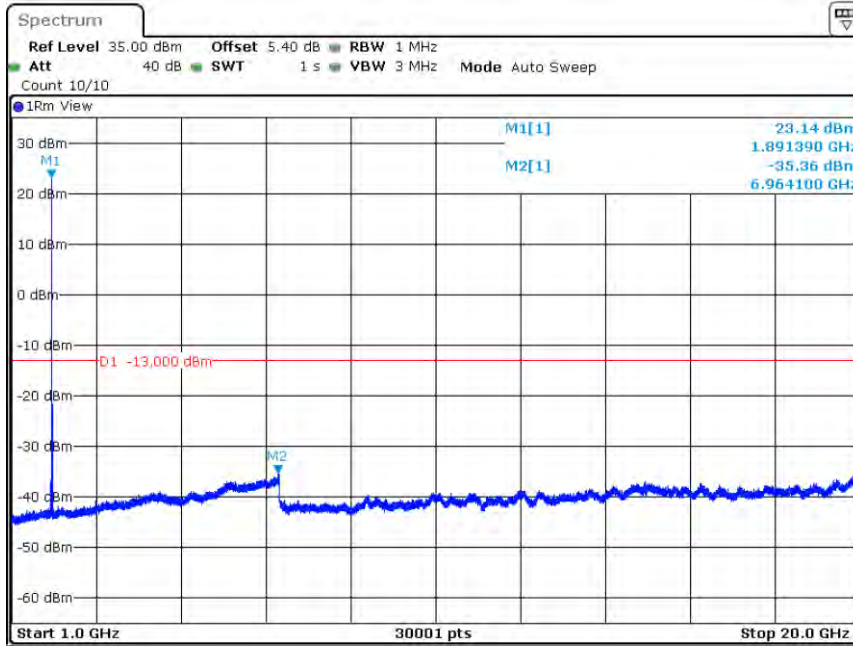
Date: 17.MAY.2021 05:57:27



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

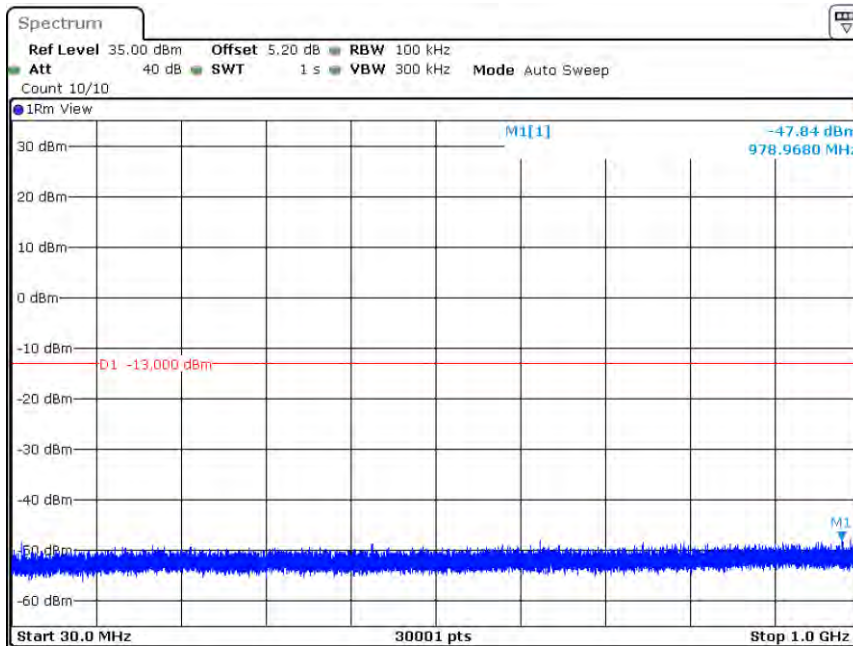
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Date: 17.MAY.2021 05:57:43

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



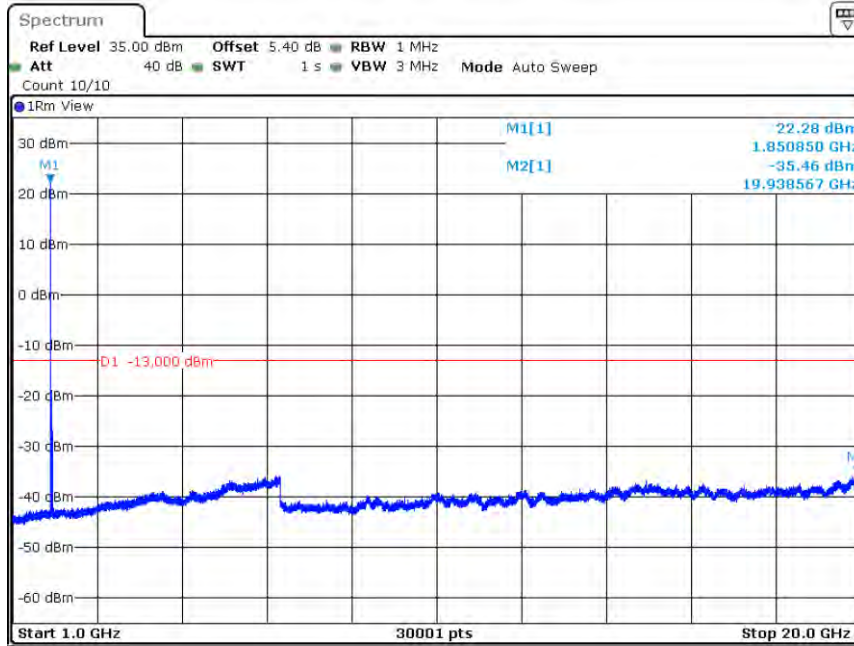
Date: 17.MAY.2021 05:55:42



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.

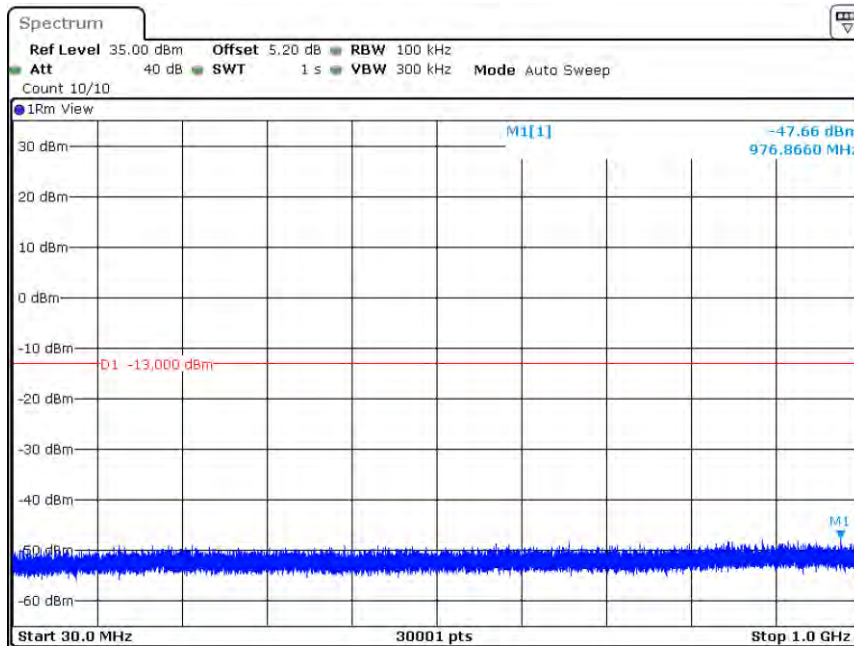
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Date: 17.MAY.2021 05:55:58

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



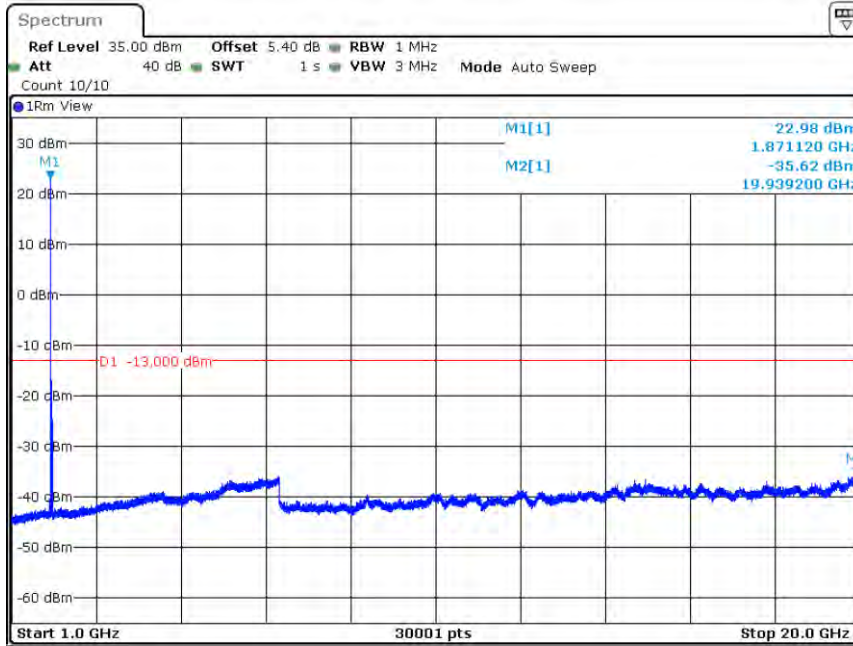
Date: 17.MAY.2021 05:56:52



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

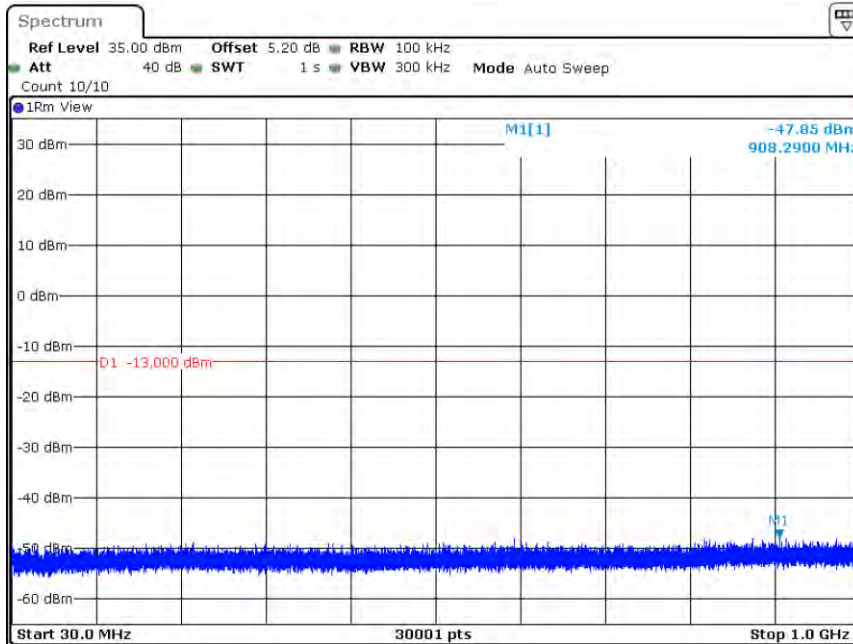
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Date: 17.MAY.2021 05:57:08

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



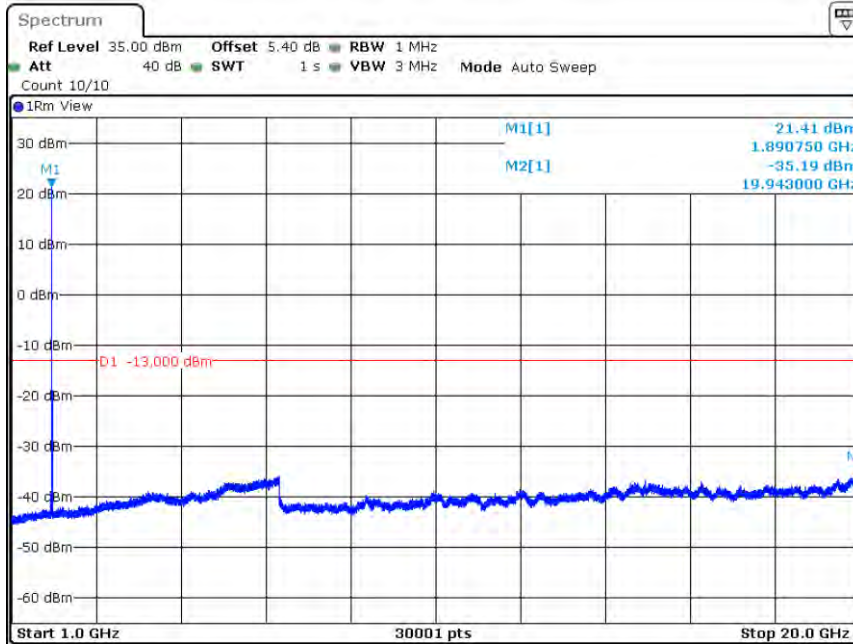
Date: 17.MAY.2021 05:58:01



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

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

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



Date: 17.MAY.2021 05:58:17



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

7. Field Strength of Spurious Radiation

7.1. Test Band LTE_Band2

7.1.1. Test Channel = Low

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1084.0105	20.61	-49.61	-13.00	36.61	Horizontal
2	1511.5639	20.50	-49.37	-13.00	36.37	Horizontal
3	2945.9932	20.84	-43.88	-13.00	30.88	Horizontal
4	3761.2881	52.26	-62.31	-13.00	49.31	Horizontal
5	8401.7701	48.80	-52.20	-13.00	39.20	Horizontal
6	17990.249	48.21	-45.47	-13.00	32.47	Horizontal



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

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

7.2. Test Band LTE_Band2

7.2.1. Test Channel = Low

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1081.5102	20.51	-49.63	-13.00	36.63	Vertical
2	1510.8139	20.33	-49.51	-13.00	36.51	Vertical
3	2947.4934	21.21	-43.50	-13.00	30.50	Vertical
4	4503.0752	51.71	-60.07	-13.00	47.07	Vertical
5	9018.3009	47.82	-51.18	-13.00	38.18	Vertical
6	17991.749	47.99	-45.72	-13.00	32.72	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-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: 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 LTE_Band2

7.3.1. Test Channel = Mid

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1027.0034	20.66	-50.21	-13.00	37.21	Horizontal
2	1535.5669	20.75	-49.36	-13.00	36.36	Horizontal
3	2998.4998	21.31	-43.19	-13.00	30.19	Horizontal
4	3742.5371	57.49	-57.18	-13.00	44.18	Horizontal
5	7463.4732	49.23	-53.10	-13.00	40.10	Horizontal
6	17987.999	48.42	-45.21	-13.00	32.21	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 LTE_Band2

7.4.1. Test Channel = Mid

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1086.2608	21.06	-49.23	-13.00	36.23	Vertical
2	1698.8374	20.59	-49.35	-13.00	36.35	Vertical
3	2998.7498	20.66	-43.83	-13.00	30.83	Vertical
4	3742.5371	55.58	-59.09	-13.00	46.09	Vertical
5	7477.7239	49.23	-52.98	-13.00	39.98	Vertical
6	17990.999	48.30	-45.39	-13.00	32.39	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 LTE_Band2

7.5.1. Test Channel = High

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1039.7550	20.45	-50.30	-13.00	37.30	Horizontal
2	1533.0666	20.47	-49.51	-13.00	36.51	Horizontal
3	2983.7480	20.81	-43.92	-13.00	30.92	Horizontal
4	3782.2891	56.72	-57.88	-13.00	44.88	Horizontal
5	7485.2243	49.41	-52.74	-13.00	39.74	Horizontal
6	17984.249	48.87	-44.68	-13.00	31.68	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 LTE_Band2

7.6.1. Test Channel = High

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1079.2599	20.47	-49.68	-13.00	36.68	Vertical
2	1511.3139	20.45	-49.41	-13.00	36.41	Vertical
3	2964.4956	20.96	-43.87	-13.00	30.87	Vertical
4	3782.2891	55.30	-59.30	-13.00	46.30	Vertical
5	8505.2753	48.29	-52.47	-13.00	39.47	Vertical
6	17984.999	48.03	-45.54	-13.00	32.54	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



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	-1.20	-0.000645	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	2.30	0.001237	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	0.90	0.000484	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-3.90	-0.002074	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-3.50	-0.001862	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-3.00	-0.001596	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-3.90	-0.002053	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-3.70	-0.001947	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-2.80	-0.001474	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	1.40	0.000753	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	1.60	0.000860	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	2.10	0.001129	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-4.80	-0.002553	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	-3.70	-0.001968	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	-1.30	-0.000691	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-2.40	-0.001263	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-1.60	-0.000842	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-3.10	-0.001632	±2.5	PASS



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

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



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	0.80	0.000430	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	0.50	0.000269	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	0.90	0.000484	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	1.60	0.000860	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	2.50	0.001344	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	1.90	0.001022	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	0.40	0.000215	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	0.00	0.000000	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	-0.30	-0.000161	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-4.70	-0.002500	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-3.70	-0.001968	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	-2.70	-0.001436	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-4.40	-0.002340	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-3.70	-0.001968	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-3.00	-0.001596	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-5.30	-0.002819	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-4.00	-0.002128	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-2.40	-0.001277	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-2.30	-0.001211	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-2.10	-0.001105	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	-3.60	-0.001895	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-3.60	-0.001895	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-4.10	-0.002158	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-2.90	-0.001526	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-3.30	-0.001737	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-2.80	-0.001474	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-1.40	-0.000737	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	1.50	0.000806	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	1.00	0.000538	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-10	0.50	0.000269	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	0.70	0.000376	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	1.60	0.000860	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	0.60	0.000323	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	0.90	0.000484	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	0.90	0.000484	±2.5	PASS



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

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



Band2	20MHz	16QAM	18700	100RB#0	NV	50	1.00	0.000538	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	-3.80	-0.002021	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-4.10	-0.002181	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	-2.50	-0.001330	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	-2.40	-0.001277	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-4.00	-0.002128	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-2.90	-0.001543	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	-2.10	-0.001117	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	-4.50	-0.002394	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	-2.50	-0.001330	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-3.50	-0.001842	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-3.00	-0.001579	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-10	-3.30	-0.001737	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-2.70	-0.001421	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-2.00	-0.001053	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-3.10	-0.001632	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-2.00	-0.001053	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	-2.20	-0.001158	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-3.90	-0.002053	±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.