



Appendix B

E-UTRA Band 26 (814-824)



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

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



CONTENT

1	TRANSMITTER CONDUCTED POWER OUTPUT	3
1.1	TEST RESULT	3
2	PEAK-TO-AVERAGE RATIO (CCDF)	9
2.1	TEST RESULT	9
2.2	TEST PLOTS	9
3	MODULATION CHARACTERISTICS	11
3.1	TEST MODE = LTE /TM1 10MHZ	11
3.1.1	TEST CHANNEL = MCH	11
3.2	TEST MODE = LTE /TM2 10MHZ	12
3.2.1	TEST CHANNEL = MCH	12
3.3	TEST MODE = LTE /TM3 10MHZ	13
3.3.1	TEST CHANNEL = MCH	13
4	26DB BANDWIDTH AND OCCUPIED BANDWIDTH	14
4.1	TEST RESULT	14
4.2	TEST PLOTS	15
5	BAND EDGE COMPLIANCE	30
5.1	TEST PLOTS	30
6	SPURIOUS EMISSION AT ANTENNA TERMINAL	53
6.1	TEST PLOTS	53
7	FIELD STRENGTH OF SPURIOUS RADIATION	57
7.1	TEST MODE =LTE/TM1 10MHZ	57
7.1.1	TEST CHANNEL = MCH	57
8	FREQUENCY STABILITY	58
8.1	FREQUENCY VS VOLTAGE	58
8.2	FREQUENCY VS TEMPERATURE	58



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

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

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



1 Transmitter Conducted Power Output

1.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Limit (dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	23.37	50.00	PASS
Band26	1.4MHz	QPSK	26697	1RB#2	23.45	50.00	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	23.48	50.00	PASS
Band26	1.4MHz	QPSK	26697	3RB#0	23.49	50.00	PASS
Band26	1.4MHz	QPSK	26697	3RB#1	23.50	50.00	PASS
Band26	1.4MHz	QPSK	26697	3RB#3	23.44	50.00	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	22.40	50.00	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	23.40	50.00	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	23.46	50.00	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	23.48	50.00	PASS
Band26	1.4MHz	QPSK	26740	3RB#0	23.42	50.00	PASS
Band26	1.4MHz	QPSK	26740	3RB#1	23.47	50.00	PASS
Band26	1.4MHz	QPSK	26740	3RB#3	23.54	50.00	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	22.45	50.00	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	23.49	50.00	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	23.51	50.00	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	23.52	50.00	PASS
Band26	1.4MHz	QPSK	26783	3RB#0	23.53	50.00	PASS
Band26	1.4MHz	QPSK	26783	3RB#1	23.58	50.00	PASS
Band26	1.4MHz	QPSK	26783	3RB#3	23.58	50.00	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	22.49	50.00	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	22.65	50.00	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	22.60	50.00	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	22.64	50.00	PASS
Band26	1.4MHz	16QAM	26697	3RB#0	22.55	50.00	PASS
Band26	1.4MHz	16QAM	26697	3RB#1	22.62	50.00	PASS
Band26	1.4MHz	16QAM	26697	3RB#3	22.55	50.00	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	21.50	50.00	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	22.62	50.00	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	22.78	50.00	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	22.72	50.00	PASS
Band26	1.4MHz	16QAM	26740	3RB#0	22.59	50.00	PASS



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

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

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



Band26	1.4MHz	16QAM	26740	3RB#1	22.63	50.00	PASS
Band26	1.4MHz	16QAM	26740	3RB#3	22.54	50.00	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	21.46	50.00	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	22.68	50.00	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	22.80	50.00	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	22.86	50.00	PASS
Band26	1.4MHz	16QAM	26783	3RB#0	22.57	50.00	PASS
Band26	1.4MHz	16QAM	26783	3RB#1	22.67	50.00	PASS
Band26	1.4MHz	16QAM	26783	3RB#3	22.65	50.00	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	21.57	50.00	PASS
Band26	1.4MHz	64QAM	26697	1RB#0	22.26	50.00	PASS
Band26	1.4MHz	64QAM	26697	1RB#2	22.31	50.00	PASS
Band26	1.4MHz	64QAM	26697	1RB#5	22.31	50.00	PASS
Band26	1.4MHz	64QAM	26697	3RB#0	22.23	50.00	PASS
Band26	1.4MHz	64QAM	26697	3RB#1	22.27	50.00	PASS
Band26	1.4MHz	64QAM	26697	3RB#3	22.24	50.00	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	21.17	50.00	PASS
Band26	1.4MHz	64QAM	26740	1RB#0	22.14	50.00	PASS
Band26	1.4MHz	64QAM	26740	1RB#2	22.23	50.00	PASS
Band26	1.4MHz	64QAM	26740	1RB#5	22.34	50.00	PASS
Band26	1.4MHz	64QAM	26740	3RB#0	22.24	50.00	PASS
Band26	1.4MHz	64QAM	26740	3RB#1	22.24	50.00	PASS
Band26	1.4MHz	64QAM	26740	3RB#3	22.30	50.00	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	21.16	50.00	PASS
Band26	1.4MHz	64QAM	26783	1RB#0	22.26	50.00	PASS
Band26	1.4MHz	64QAM	26783	1RB#2	22.42	50.00	PASS
Band26	1.4MHz	64QAM	26783	1RB#5	22.42	50.00	PASS
Band26	1.4MHz	64QAM	26783	3RB#0	22.27	50.00	PASS
Band26	1.4MHz	64QAM	26783	3RB#1	22.32	50.00	PASS
Band26	1.4MHz	64QAM	26783	3RB#3	22.35	50.00	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	21.17	50.00	PASS
Band26	3MHz	QPSK	26705	1RB#0	23.49	50.00	PASS
Band26	3MHz	QPSK	26705	1RB#8	23.58	50.00	PASS
Band26	3MHz	QPSK	26705	1RB#14	23.51	50.00	PASS
Band26	3MHz	QPSK	26705	8RB#0	22.52	50.00	PASS
Band26	3MHz	QPSK	26705	8RB#4	22.67	50.00	PASS
Band26	3MHz	QPSK	26705	8RB#7	22.63	50.00	PASS
Band26	3MHz	QPSK	26705	15RB#0	22.59	50.00	PASS



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

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



Band26	3MHz	QPSK	26740	1RB#0	23.47	50.00	PASS
Band26	3MHz	QPSK	26740	1RB#8	23.40	50.00	PASS
Band26	3MHz	QPSK	26740	1RB#14	23.53	50.00	PASS
Band26	3MHz	QPSK	26740	8RB#0	22.50	50.00	PASS
Band26	3MHz	QPSK	26740	8RB#4	22.50	50.00	PASS
Band26	3MHz	QPSK	26740	8RB#7	22.61	50.00	PASS
Band26	3MHz	QPSK	26740	15RB#0	22.48	50.00	PASS
Band26	3MHz	QPSK	26775	1RB#0	23.58	50.00	PASS
Band26	3MHz	QPSK	26775	1RB#8	23.50	50.00	PASS
Band26	3MHz	QPSK	26775	1RB#14	23.58	50.00	PASS
Band26	3MHz	QPSK	26775	8RB#0	22.56	50.00	PASS
Band26	3MHz	QPSK	26775	8RB#4	22.61	50.00	PASS
Band26	3MHz	QPSK	26775	8RB#7	22.54	50.00	PASS
Band26	3MHz	QPSK	26775	15RB#0	22.56	50.00	PASS
Band26	3MHz	16QAM	26705	1RB#0	22.73	50.00	PASS
Band26	3MHz	16QAM	26705	1RB#8	22.82	50.00	PASS
Band26	3MHz	16QAM	26705	1RB#14	22.83	50.00	PASS
Band26	3MHz	16QAM	26705	8RB#0	21.58	50.00	PASS
Band26	3MHz	16QAM	26705	8RB#4	21.65	50.00	PASS
Band26	3MHz	16QAM	26705	8RB#7	21.65	50.00	PASS
Band26	3MHz	16QAM	26705	15RB#0	21.59	50.00	PASS
Band26	3MHz	16QAM	26740	1RB#0	22.70	50.00	PASS
Band26	3MHz	16QAM	26740	1RB#8	22.61	50.00	PASS
Band26	3MHz	16QAM	26740	1RB#14	22.78	50.00	PASS
Band26	3MHz	16QAM	26740	8RB#0	21.58	50.00	PASS
Band26	3MHz	16QAM	26740	8RB#4	21.59	50.00	PASS
Band26	3MHz	16QAM	26740	8RB#7	21.63	50.00	PASS
Band26	3MHz	16QAM	26740	15RB#0	21.50	50.00	PASS
Band26	3MHz	16QAM	26775	1RB#0	22.81	50.00	PASS
Band26	3MHz	16QAM	26775	1RB#8	22.75	50.00	PASS
Band26	3MHz	16QAM	26775	1RB#14	22.89	50.00	PASS
Band26	3MHz	16QAM	26775	8RB#0	21.61	50.00	PASS
Band26	3MHz	16QAM	26775	8RB#4	21.64	50.00	PASS
Band26	3MHz	16QAM	26775	8RB#7	21.62	50.00	PASS
Band26	3MHz	16QAM	26775	15RB#0	21.55	50.00	PASS
Band26	3MHz	64QAM	26705	1RB#0	22.32	50.00	PASS
Band26	3MHz	64QAM	26705	1RB#8	22.38	50.00	PASS
Band26	3MHz	64QAM	26705	1RB#14	22.44	50.00	PASS



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

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



Band26	3MHz	64QAM	26705	8RB#0	21.22	50.00	PASS
Band26	3MHz	64QAM	26705	8RB#4	21.30	50.00	PASS
Band26	3MHz	64QAM	26705	8RB#7	21.34	50.00	PASS
Band26	3MHz	64QAM	26705	15RB#0	21.33	50.00	PASS
Band26	3MHz	64QAM	26740	1RB#0	22.33	50.00	PASS
Band26	3MHz	64QAM	26740	1RB#8	22.25	50.00	PASS
Band26	3MHz	64QAM	26740	1RB#14	22.32	50.00	PASS
Band26	3MHz	64QAM	26740	8RB#0	21.20	50.00	PASS
Band26	3MHz	64QAM	26740	8RB#4	21.21	50.00	PASS
Band26	3MHz	64QAM	26740	8RB#7	21.30	50.00	PASS
Band26	3MHz	64QAM	26740	15RB#0	21.20	50.00	PASS
Band26	3MHz	64QAM	26775	1RB#0	22.36	50.00	PASS
Band26	3MHz	64QAM	26775	1RB#8	22.33	50.00	PASS
Band26	3MHz	64QAM	26775	1RB#14	22.38	50.00	PASS
Band26	3MHz	64QAM	26775	8RB#0	21.26	50.00	PASS
Band26	3MHz	64QAM	26775	8RB#4	21.33	50.00	PASS
Band26	3MHz	64QAM	26775	8RB#7	21.23	50.00	PASS
Band26	3MHz	64QAM	26775	15RB#0	21.28	50.00	PASS
Band26	5MHz	QPSK	26715	1RB#0	23.51	50.00	PASS
Band26	5MHz	QPSK	26715	1RB#12	23.55	50.00	PASS
Band26	5MHz	QPSK	26715	1RB#24	23.45	50.00	PASS
Band26	5MHz	QPSK	26715	12RB#0	22.66	50.00	PASS
Band26	5MHz	QPSK	26715	12RB#6	22.61	50.00	PASS
Band26	5MHz	QPSK	26715	12RB#13	22.48	50.00	PASS
Band26	5MHz	QPSK	26715	25RB#0	22.50	50.00	PASS
Band26	5MHz	QPSK	26740	1RB#0	23.55	50.00	PASS
Band26	5MHz	QPSK	26740	1RB#12	23.42	50.00	PASS
Band26	5MHz	QPSK	26740	1RB#24	23.51	50.00	PASS
Band26	5MHz	QPSK	26740	12RB#0	22.55	50.00	PASS
Band26	5MHz	QPSK	26740	12RB#6	22.51	50.00	PASS
Band26	5MHz	QPSK	26740	12RB#13	22.57	50.00	PASS
Band26	5MHz	QPSK	26740	25RB#0	22.63	50.00	PASS
Band26	5MHz	QPSK	26765	1RB#0	23.54	50.00	PASS
Band26	5MHz	QPSK	26765	1RB#12	23.53	50.00	PASS
Band26	5MHz	QPSK	26765	1RB#24	23.61	50.00	PASS
Band26	5MHz	QPSK	26765	12RB#0	22.62	50.00	PASS
Band26	5MHz	QPSK	26765	12RB#6	22.63	50.00	PASS
Band26	5MHz	QPSK	26765	12RB#13	22.55	50.00	PASS



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

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



Band26	5MHz	QPSK	26765	25RB#0	22.61	50.00	PASS
Band26	5MHz	16QAM	26715	1RB#0	22.74	50.00	PASS
Band26	5MHz	16QAM	26715	1RB#12	22.89	50.00	PASS
Band26	5MHz	16QAM	26715	1RB#24	22.65	50.00	PASS
Band26	5MHz	16QAM	26715	12RB#0	21.67	50.00	PASS
Band26	5MHz	16QAM	26715	12RB#6	21.65	50.00	PASS
Band26	5MHz	16QAM	26715	12RB#13	21.53	50.00	PASS
Band26	5MHz	16QAM	26715	25RB#0	21.52	50.00	PASS
Band26	5MHz	16QAM	26740	1RB#0	22.90	50.00	PASS
Band26	5MHz	16QAM	26740	1RB#12	22.74	50.00	PASS
Band26	5MHz	16QAM	26740	1RB#24	22.82	50.00	PASS
Band26	5MHz	16QAM	26740	12RB#0	21.57	50.00	PASS
Band26	5MHz	16QAM	26740	12RB#6	21.57	50.00	PASS
Band26	5MHz	16QAM	26740	12RB#13	21.62	50.00	PASS
Band26	5MHz	16QAM	26740	25RB#0	21.65	50.00	PASS
Band26	5MHz	16QAM	26765	1RB#0	22.81	50.00	PASS
Band26	5MHz	16QAM	26765	1RB#12	22.73	50.00	PASS
Band26	5MHz	16QAM	26765	1RB#24	22.83	50.00	PASS
Band26	5MHz	16QAM	26765	12RB#0	21.61	50.00	PASS
Band26	5MHz	16QAM	26765	12RB#6	21.65	50.00	PASS
Band26	5MHz	16QAM	26765	12RB#13	21.63	50.00	PASS
Band26	5MHz	16QAM	26765	25RB#0	21.62	50.00	PASS
Band26	5MHz	64QAM	26715	1RB#0	22.40	50.00	PASS
Band26	5MHz	64QAM	26715	1RB#12	22.44	50.00	PASS
Band26	5MHz	64QAM	26715	1RB#24	22.27	50.00	PASS
Band26	5MHz	64QAM	26715	12RB#0	21.31	50.00	PASS
Band26	5MHz	64QAM	26715	12RB#6	21.31	50.00	PASS
Band26	5MHz	64QAM	26715	12RB#13	21.18	50.00	PASS
Band26	5MHz	64QAM	26715	25RB#0	21.25	50.00	PASS
Band26	5MHz	64QAM	26740	1RB#0	22.46	50.00	PASS
Band26	5MHz	64QAM	26740	1RB#12	22.27	50.00	PASS
Band26	5MHz	64QAM	26740	1RB#24	22.32	50.00	PASS
Band26	5MHz	64QAM	26740	12RB#0	21.23	50.00	PASS
Band26	5MHz	64QAM	26740	12RB#6	21.21	50.00	PASS
Band26	5MHz	64QAM	26740	12RB#13	21.30	50.00	PASS
Band26	5MHz	64QAM	26740	25RB#0	21.32	50.00	PASS
Band26	5MHz	64QAM	26765	1RB#0	22.37	50.00	PASS
Band26	5MHz	64QAM	26765	1RB#12	22.35	50.00	PASS





Band26	5MHz	64QAM	26765	1RB#24	22.45	50.00	PASS
Band26	5MHz	64QAM	26765	12RB#0	21.32	50.00	PASS
Band26	5MHz	64QAM	26765	12RB#6	21.34	50.00	PASS
Band26	5MHz	64QAM	26765	12RB#13	21.31	50.00	PASS
Band26	5MHz	64QAM	26765	25RB#0	21.30	50.00	PASS
Band26	10MHz	QPSK	26740	1RB#0	23.52	50.00	PASS
Band26	10MHz	QPSK	26740	1RB#24	23.44	50.00	PASS
Band26	10MHz	QPSK	26740	1RB#49	23.46	50.00	PASS
Band26	10MHz	QPSK	26740	25RB#0	22.51	50.00	PASS
Band26	10MHz	QPSK	26740	25RB#12	22.63	50.00	PASS
Band26	10MHz	QPSK	26740	25RB#25	22.57	50.00	PASS
Band26	10MHz	QPSK	26740	50RB#0	22.61	50.00	PASS
Band26	10MHz	16QAM	26740	1RB#0	22.76	50.00	PASS
Band26	10MHz	16QAM	26740	1RB#24	22.62	50.00	PASS
Band26	10MHz	16QAM	26740	1RB#49	22.73	50.00	PASS
Band26	10MHz	16QAM	26740	25RB#0	21.52	50.00	PASS
Band26	10MHz	16QAM	26740	25RB#12	21.63	50.00	PASS
Band26	10MHz	16QAM	26740	25RB#25	21.61	50.00	PASS
Band26	10MHz	16QAM	26740	50RB#0	21.61	50.00	PASS
Band26	10MHz	64QAM	26740	1RB#0	22.34	50.00	PASS
Band26	10MHz	64QAM	26740	1RB#24	22.36	50.00	PASS
Band26	10MHz	64QAM	26740	1RB#49	22.35	50.00	PASS
Band26	10MHz	64QAM	26740	25RB#0	21.29	50.00	PASS
Band26	10MHz	64QAM	26740	25RB#12	21.35	50.00	PASS
Band26	10MHz	64QAM	26740	25RB#25	21.32	50.00	PASS
Band26	10MHz	64QAM	26740	50RB#0	21.30	50.00	PASS

Remark:

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

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

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



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

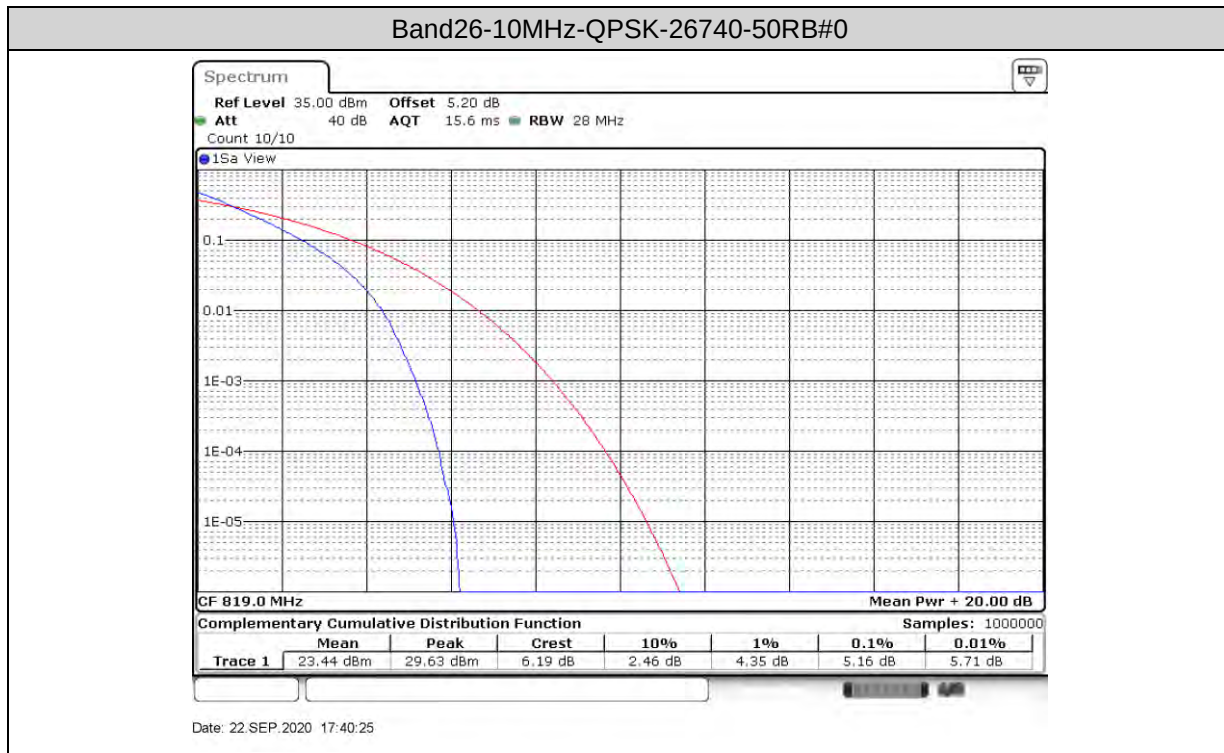


2 Peak-to-Average Ratio (CCDF)

2.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	5.16	13	PASS
Band26	10MHz	16QAM	26740	50RB#0	5.91	13	PASS
Band26	10MHz	64QAM	26740	50RB#0	6.43	13	PASS

2.2 Test Plots



Band26-10MHz-16QAM-26740-50RB#0



Date: 22.SEP.2020 17:40:39

Band26-10MHz-64QAM-26740-50RB#0



Date: 22.SEP.2020 19:41:51



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

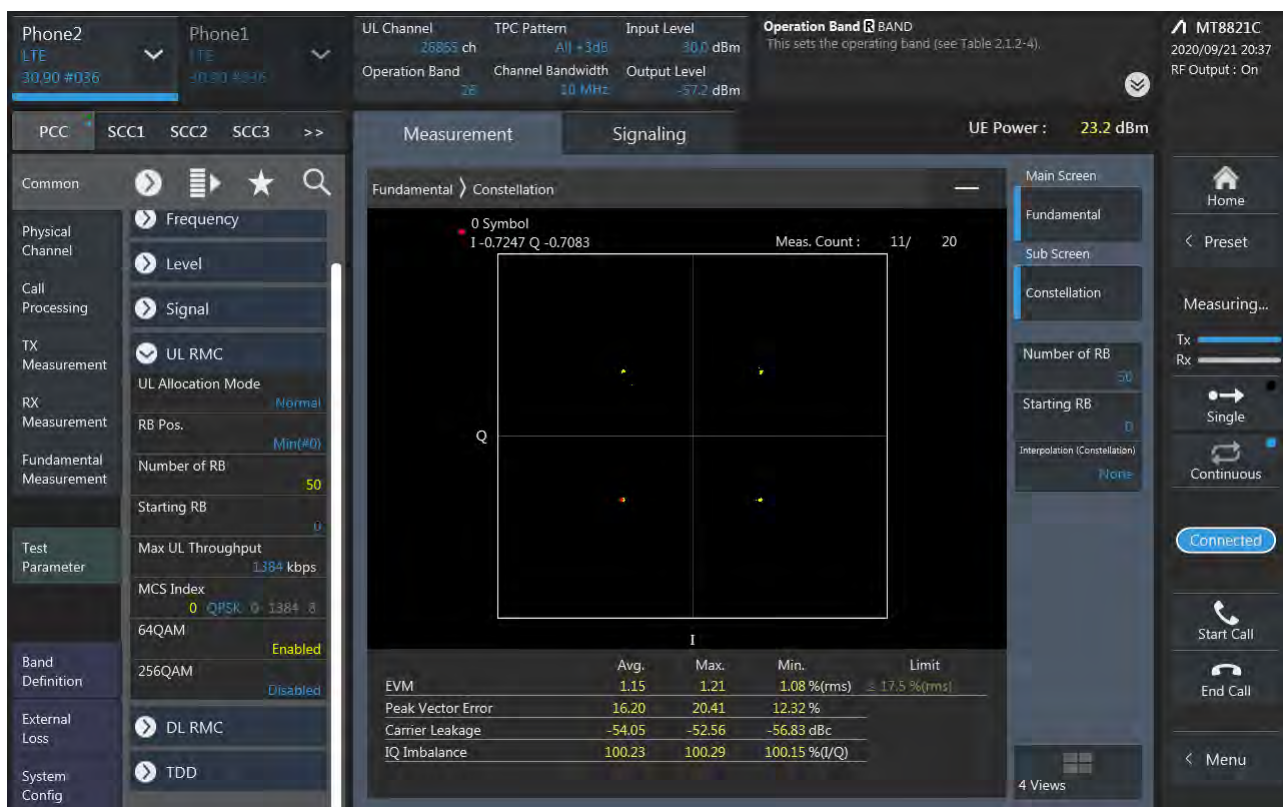
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch, Inspection & Testing Services

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

3 Modulation Characteristics

3.1 Test Mode = LTE /TM1 10MHz

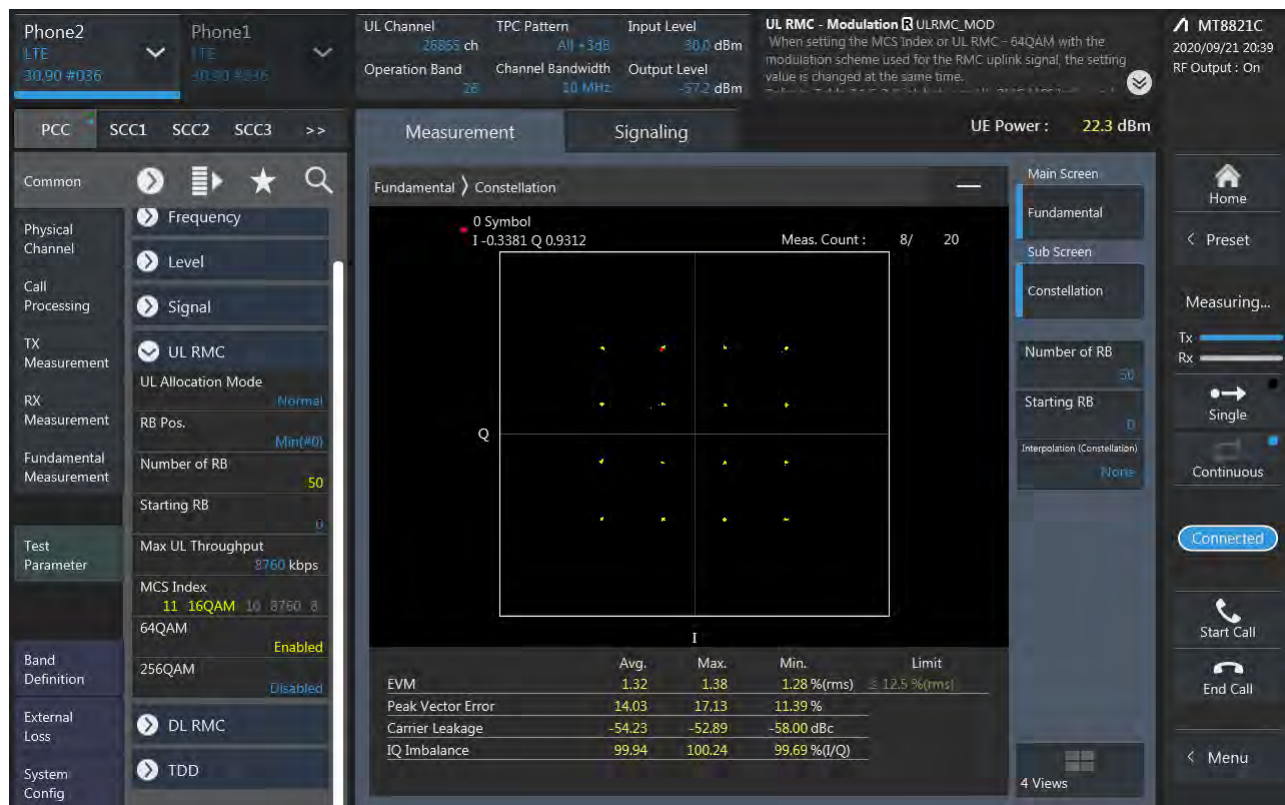
3.1.1 Test Channel = MCH





3.2 Test Mode = LTE /TM2 10MHz

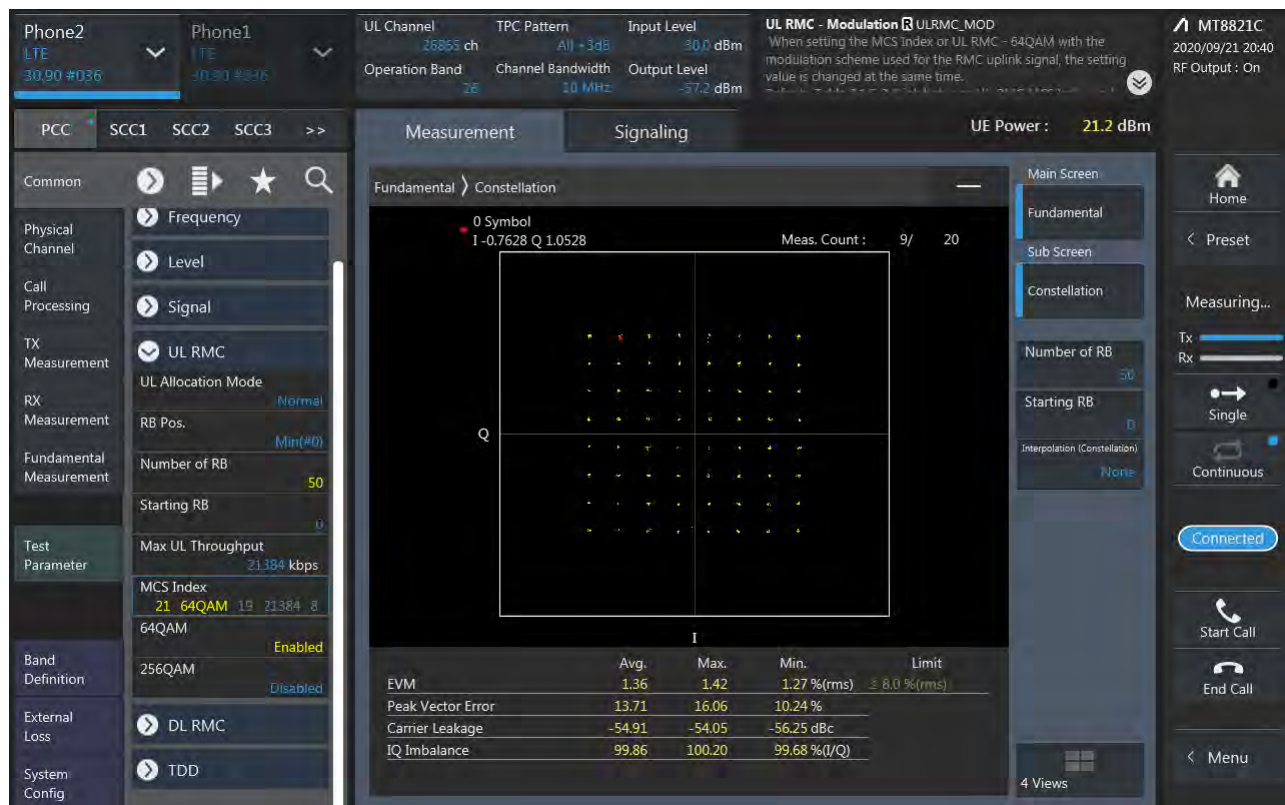
3.2.1 Test Channel = MCH





3.3 Test Mode = LTE /TM3 10MHz

3.3.1 Test Channel = MCH





4 26dB Bandwidth and Occupied Bandwidth

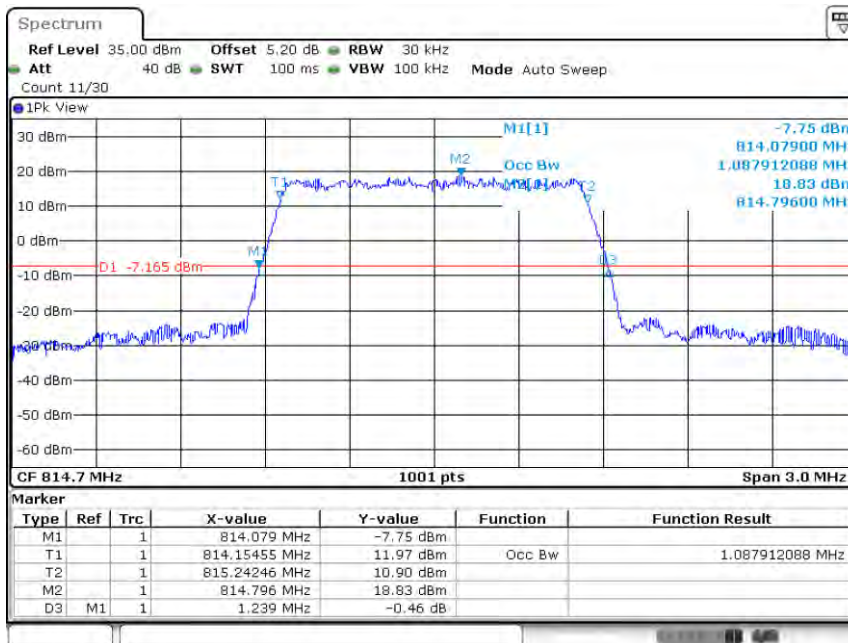
4.1 Test Result

Band	Bandwidth h	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	1.088	1.239	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.088	1.236	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	1.091	1.236	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	1.085	1.236	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	1.085	1.236	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	1.085	1.239	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	1.094	1.239	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	1.094	1.236	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	1.094	1.242	PASS
Band26	3MHz	QPSK	26705	15RB#0	2.697	3.000	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.691	3.000	PASS
Band26	3MHz	QPSK	26775	15RB#0	2.697	3.006	PASS
Band26	3MHz	16QAM	26705	15RB#0	2.679	2.982	PASS
Band26	3MHz	16QAM	26740	15RB#0	2.685	2.988	PASS
Band26	3MHz	16QAM	26775	15RB#0	2.685	2.976	PASS
Band26	3MHz	64QAM	26705	15RB#0	2.691	2.994	PASS
Band26	3MHz	64QAM	26740	15RB#0	2.691	2.982	PASS
Band26	3MHz	64QAM	26775	15RB#0	2.685	2.988	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.466	4.890	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.476	4.890	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.466	4.880	PASS
Band26	5MHz	16QAM	26715	25RB#0	4.476	4.910	PASS
Band26	5MHz	16QAM	26740	25RB#0	4.486	4.920	PASS
Band26	5MHz	16QAM	26765	25RB#0	4.486	4.910	PASS
Band26	5MHz	64QAM	26715	25RB#0	4.466	4.880	PASS
Band26	5MHz	64QAM	26740	25RB#0	4.466	4.870	PASS
Band26	5MHz	64QAM	26765	25RB#0	4.476	4.880	PASS
Band26	10MHz	QPSK	26740	50RB#0	8.931	9.640	PASS
Band26	10MHz	16QAM	26740	50RB#0	8.911	9.680	PASS
Band26	10MHz	64QAM	26740	50RB#0	8.911	9.620	PASS



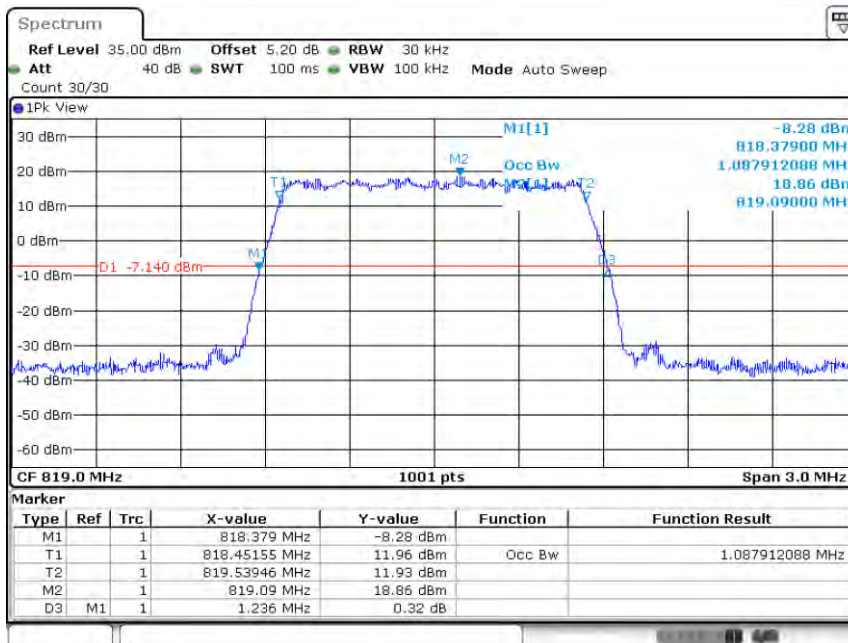
4.2 Test Plots

Band26-1.4MHz-QPSK-26697-6RB#0-1.088



Date: 22.SEP.2020 17:33:16

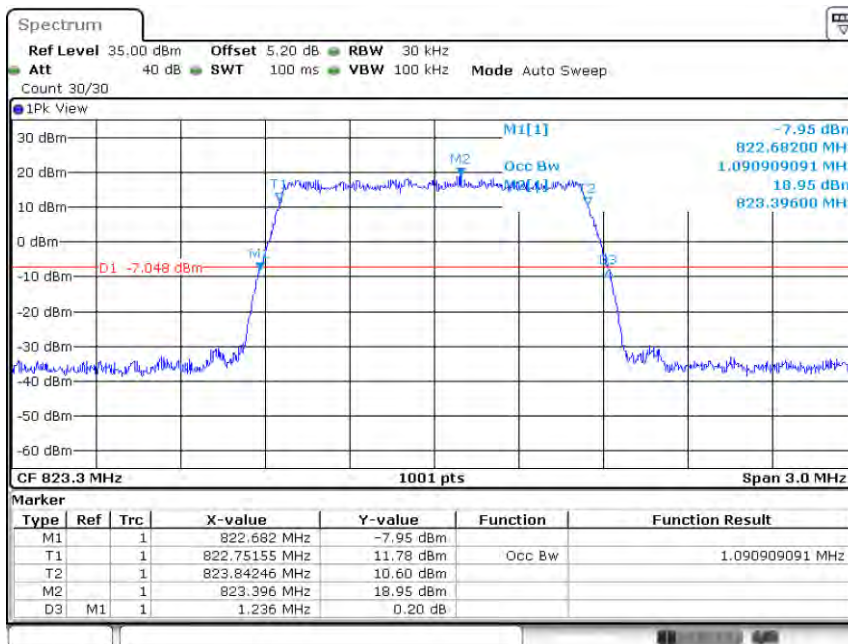
Band26-1.4MHz-QPSK-26740-6RB#0-1.088



Date: 22.SEP.2020 17:33:48

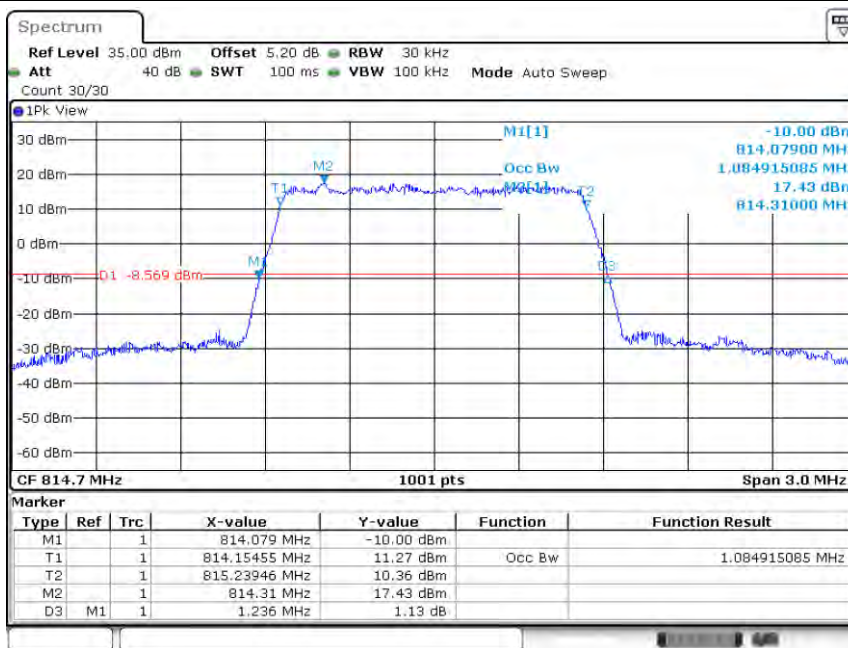


Band26-1.4MHz-QPSK-26783-6RB#0-1.091



Date: 22.SEP.2020 17:34:19

Band26-1.4MHz-16QAM-26697-6RB#0-1.085



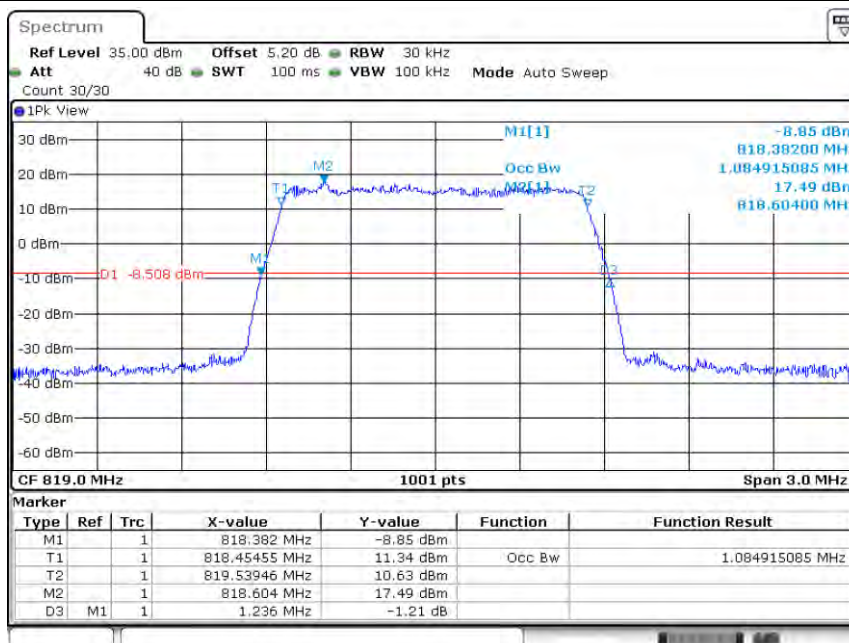
Date: 22.SEP.2020 17:33:32



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

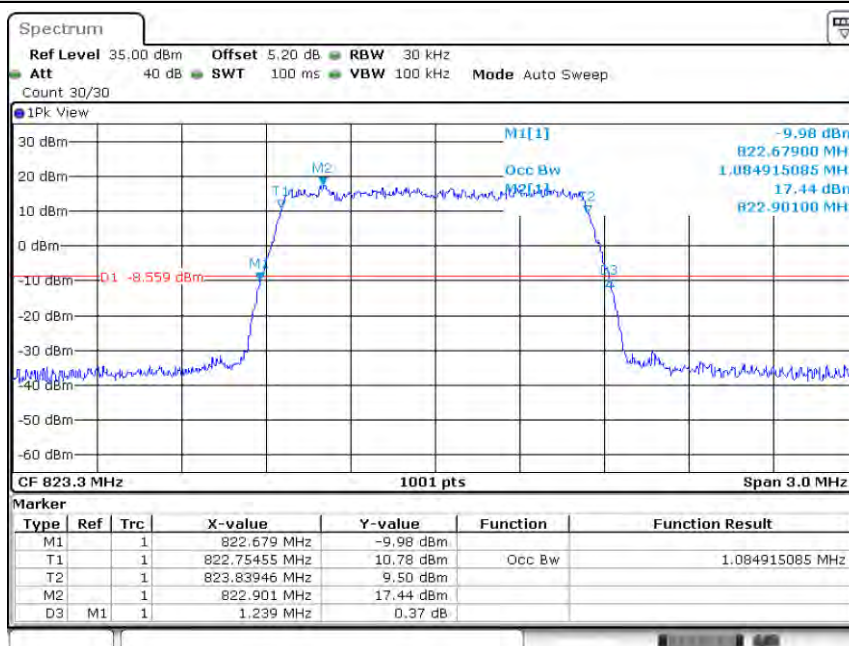
Attention: To check the authenticity of testing/inspection report and certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band26-1.4MHz-16QAM-26740-6RB#0-1.085



Date: 22 SEP 2020 17:34:03

Band26-1.4MHz-16QAM-26783-6RB#0-1.085



Date: 22 SEP 2020 17:34:35



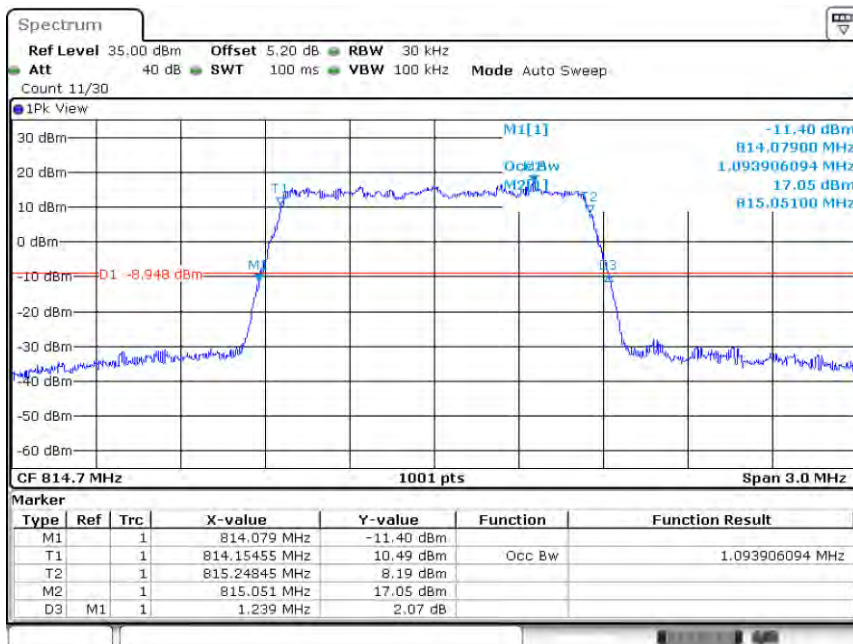
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (Shenzhen CEMC Laboratory)

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and 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 notified that information contained herein refers to the company's understanding of the content of the sample and within the limits of the Client's instructions. Any Company sole responsibility is assumed by the Client and this document does not constitute a part to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is strictly prohibited and may result in severe civil or criminal penalties and damages, and/or imprisonment. The results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Results shown in this test report are only for the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,
or email: CN.Doccheck@sgs.com

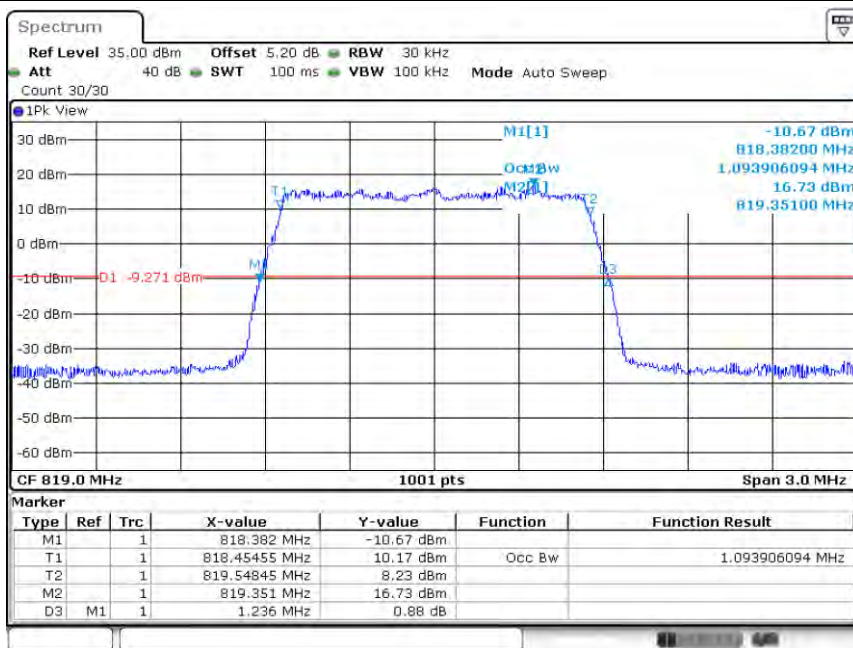
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band26-1.4MHz-64QAM-26697-6RB#0-1.094



Date: 22.SEP.2020 19:38:01

Band26-1.4MHz-64QAM-26740-6RB#0-1.094



Date: 22.SEP.2020 19:38:17



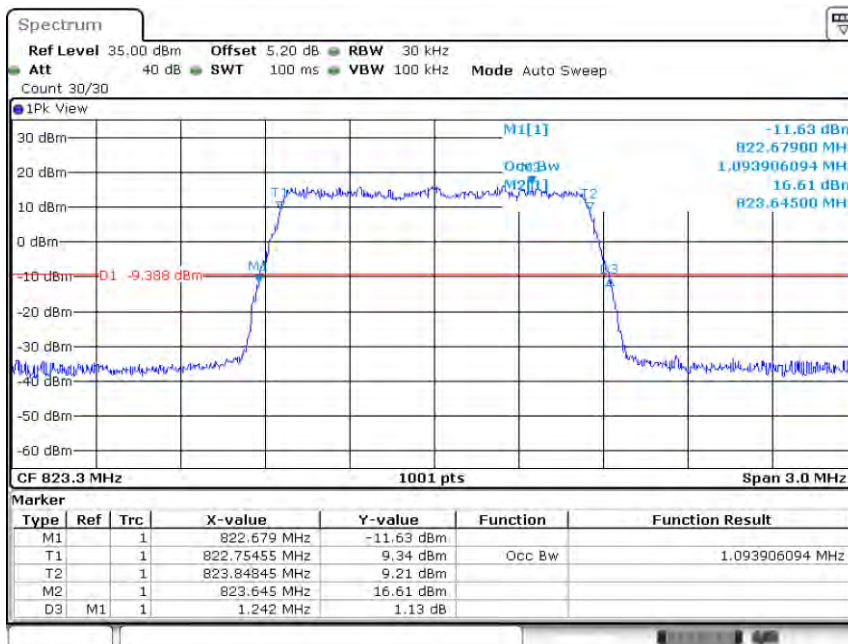
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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

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

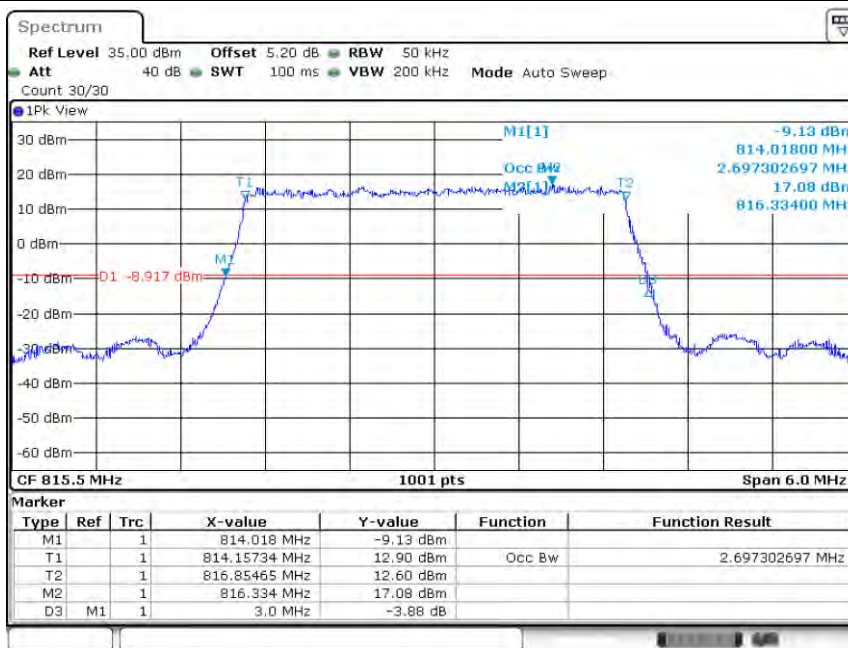
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band26-1.4MHz-64QAM-26783-6RB#0-1.094



Date: 22.SEP.2020 19:38:33

Band26-3MHz-QPSK-26705-15RB#0-2.697



Date: 22.SEP.2020 17:34:57

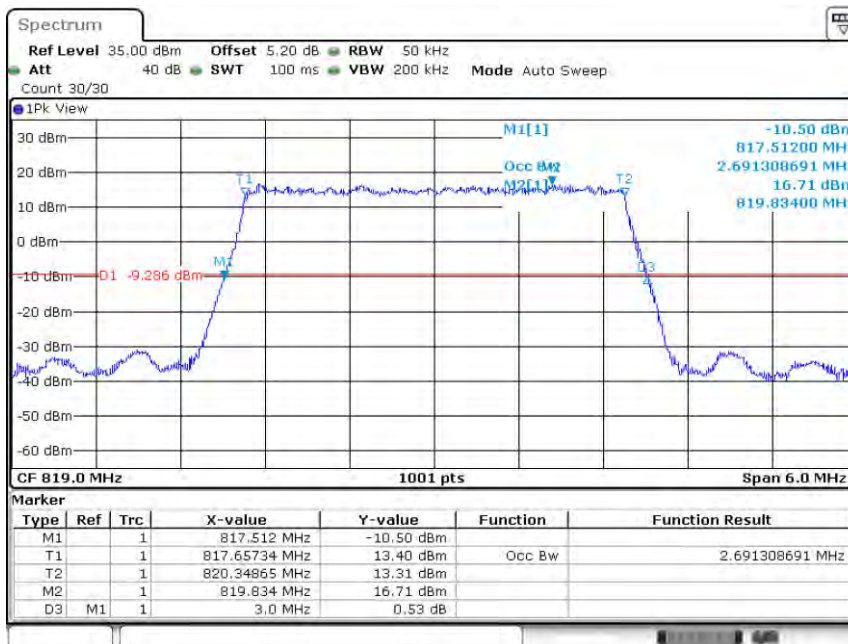


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

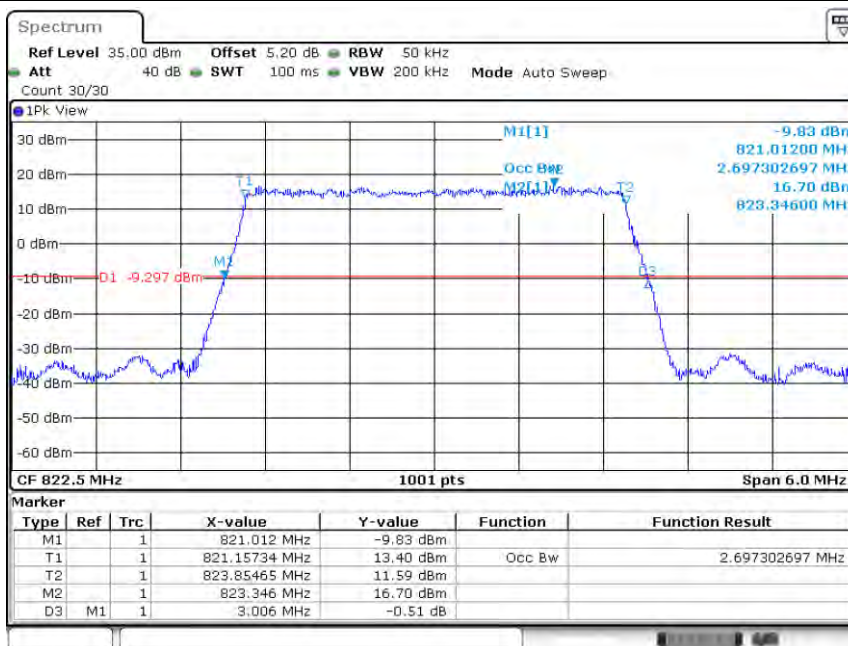
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band26-3MHz-QPSK-26740-15RB#0-2.691



Date: 22.SEP.2020 17:35:28

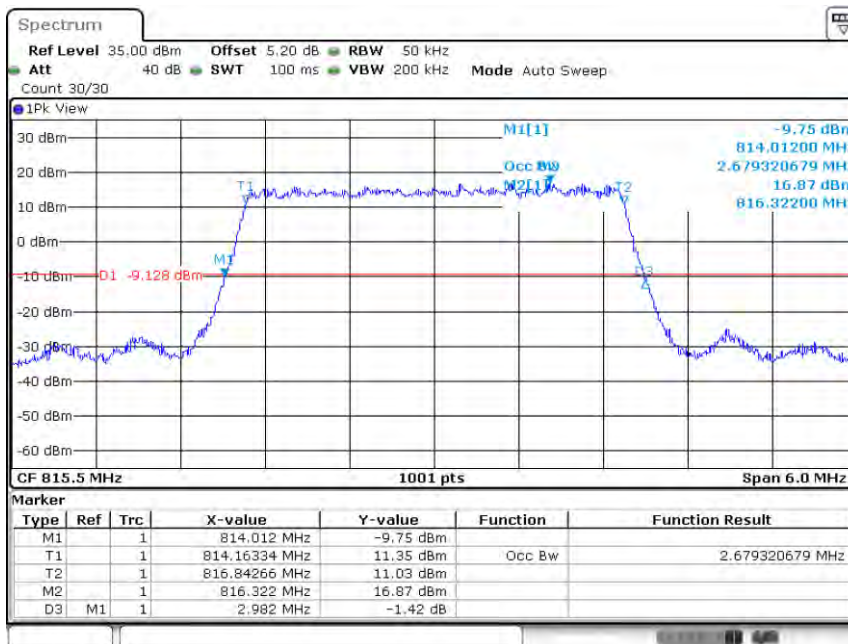
Band26-3MHz-QPSK-26775-15RB#0-2.697



Date: 22.SEP.2020 17:36:00

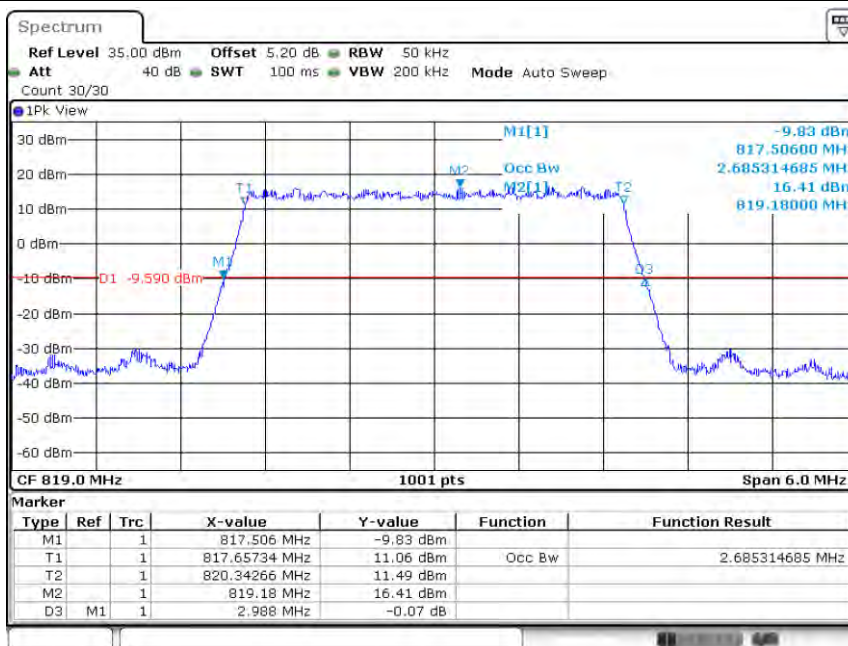


Band26-3MHz-16QAM-26705-15RB#0-2.679



Date: 22.SEP.2020 17:35:12

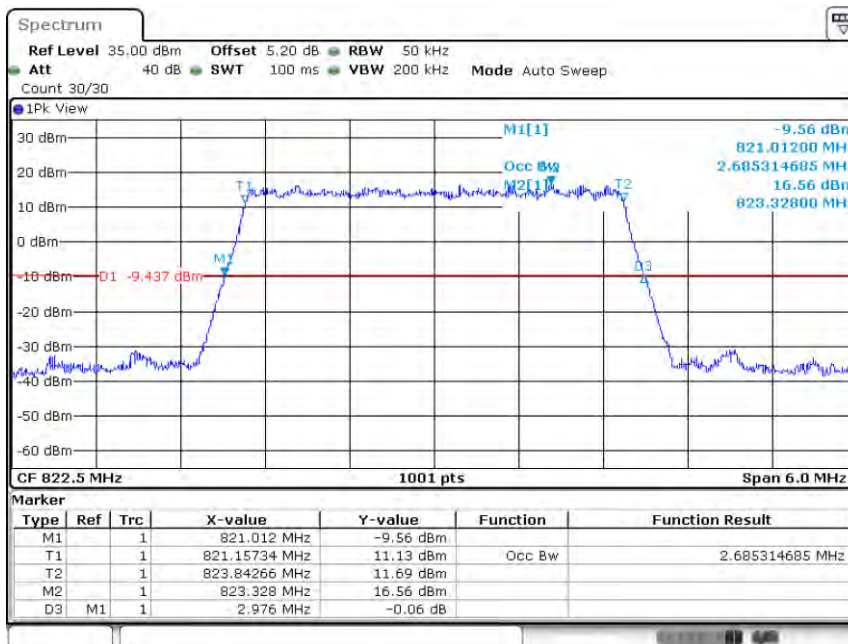
Band26-3MHz-16QAM-26740-15RB#0-2.685



Date: 22.SEP.2020 17:35:44

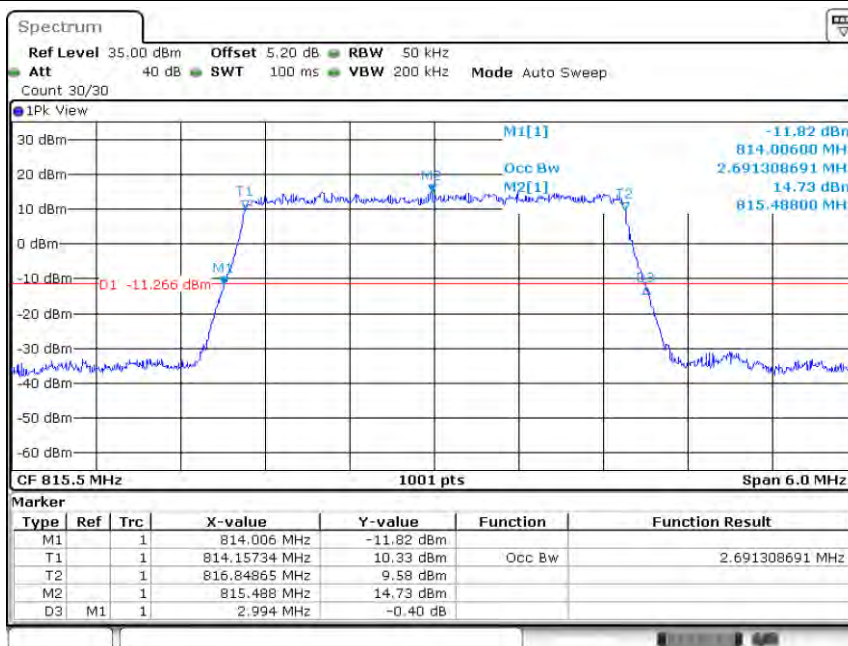


Band26-3MHz-16QAM-26775-15RB#0-2.685



Date: 22.SEP.2020 17:36:16

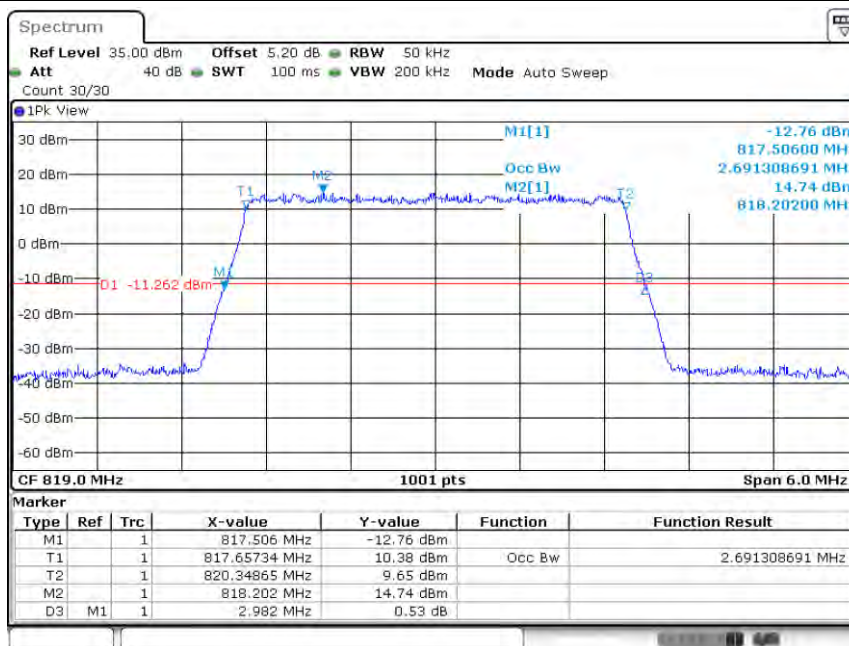
Band26-3MHz-64QAM-26705-15RB#0-2.691



Date: 22.SEP.2020 19:38:55

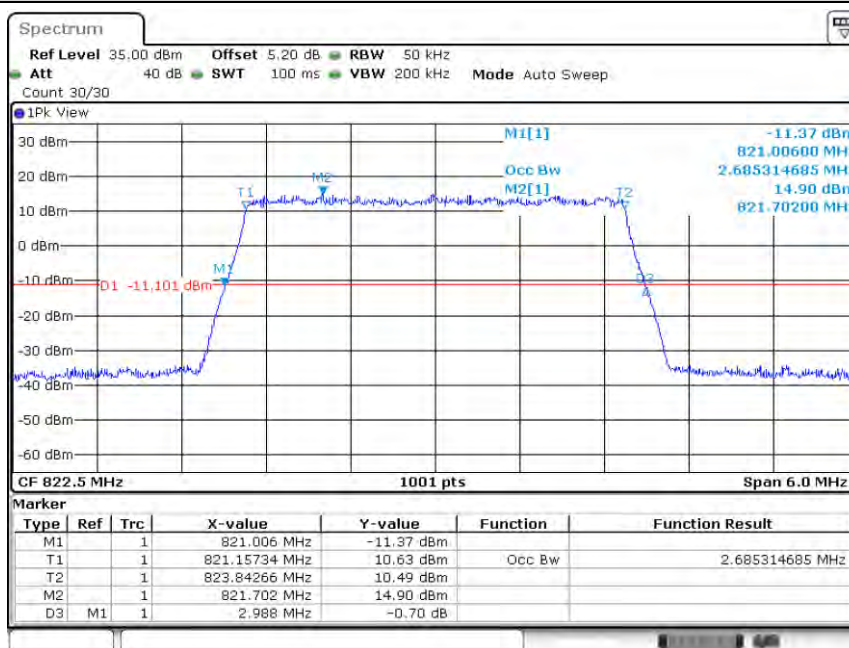


Band26-3MHz-64QAM-26740-15RB#0-2.691



Date: 22.SEP.2020 19:39:11

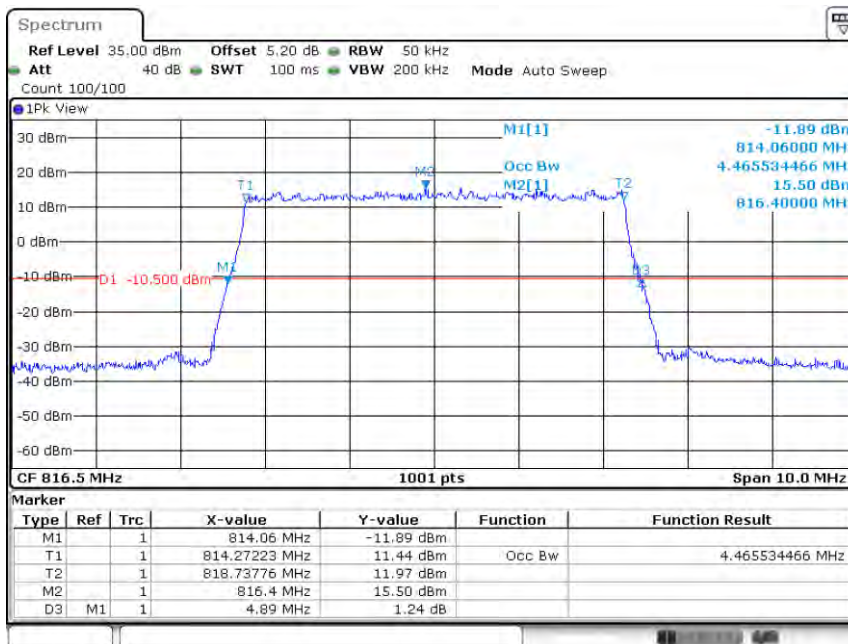
Band26-3MHz-64QAM-26775-15RB#0-2.685



Date: 22.SEP.2020 19:39:27

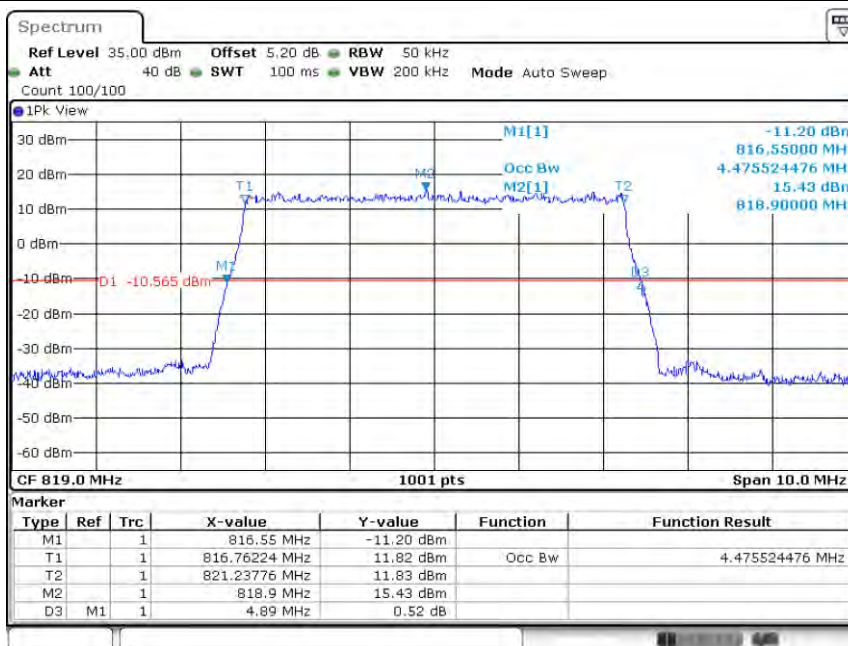


Band26-5MHz-QPSK-26715-25RB#0-4.466



Date: 22.SEP.2020 17:36:44

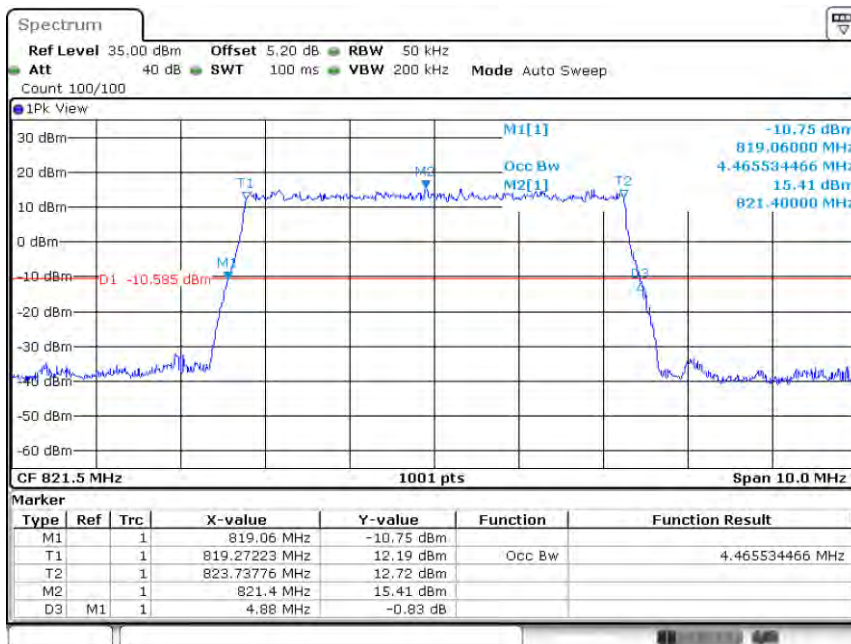
Band26-5MHz-QPSK-26740-25RB#0-4.476



Date: 22.SEP.2020 17:37:30

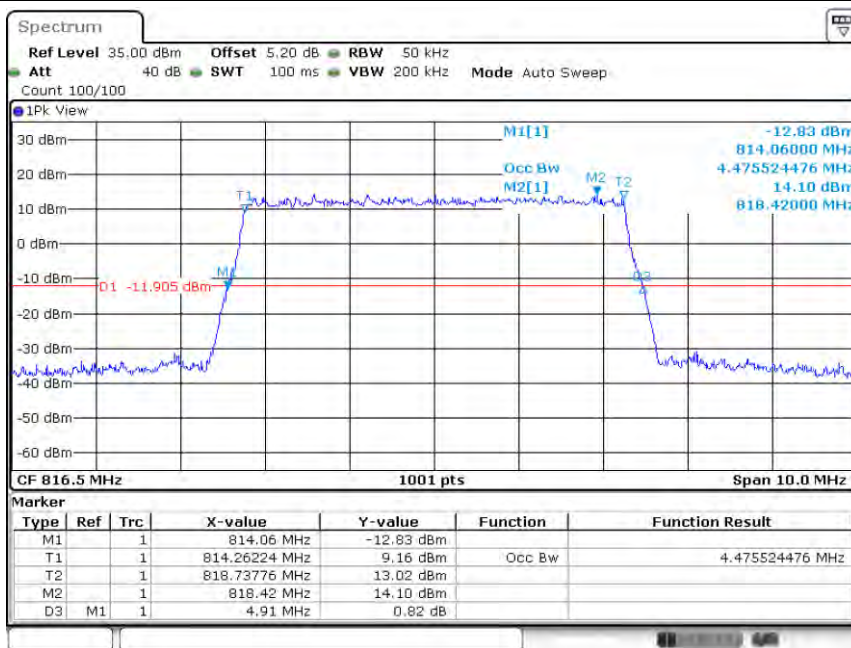


Band26-5MHz-QPSK-26765-25RB#0-4.466



Date: 22.SEP.2020 17:38:16

Band26-5MHz-16QAM-26715-25RB#0-4.476



Date: 22.SEP.2020 17:37:07

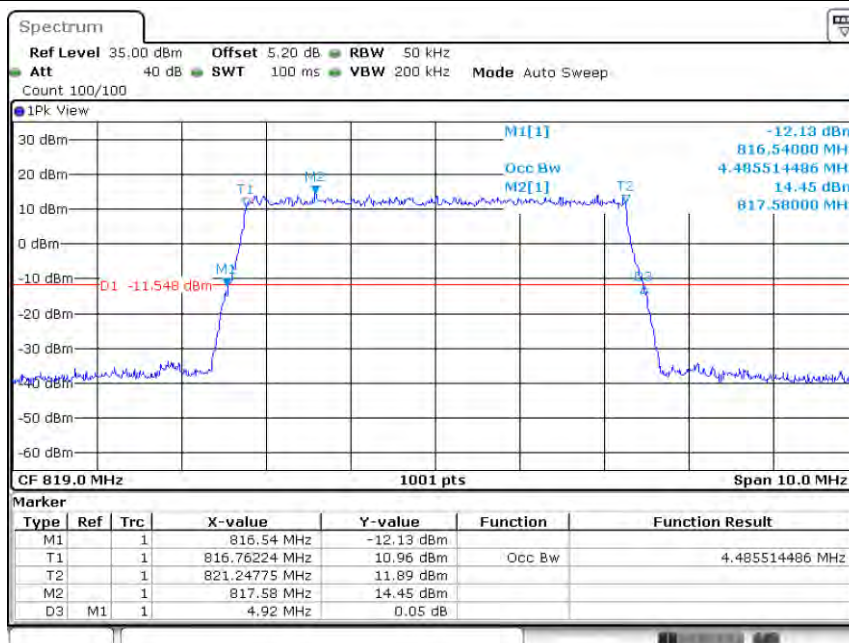


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

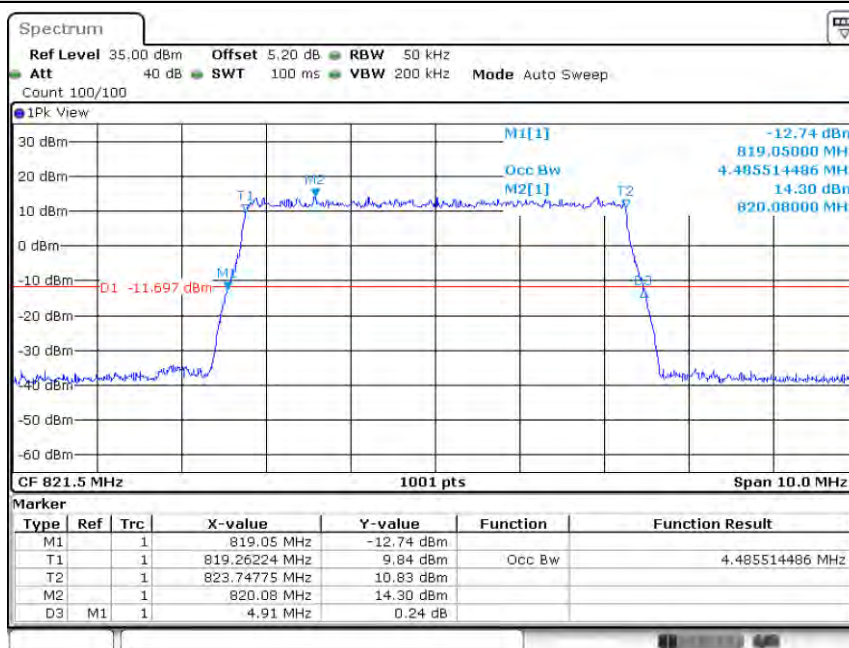
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band26-5MHz-16QAM-26740-25RB#0-4.486



Date: 22.SEP.2020 17:37:53

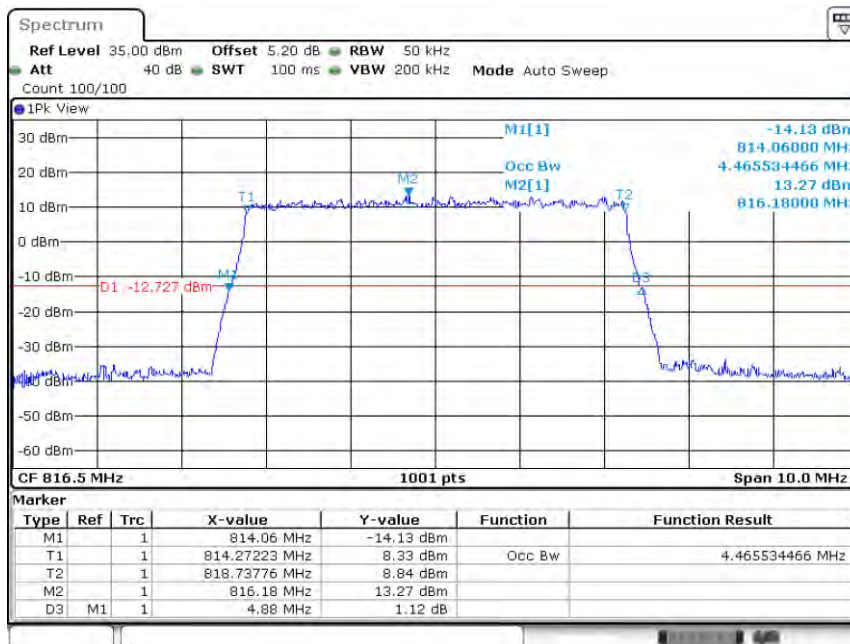
Band26-5MHz-16QAM-26765-25RB#0-4.486



Date: 22.SEP.2020 17:38:39

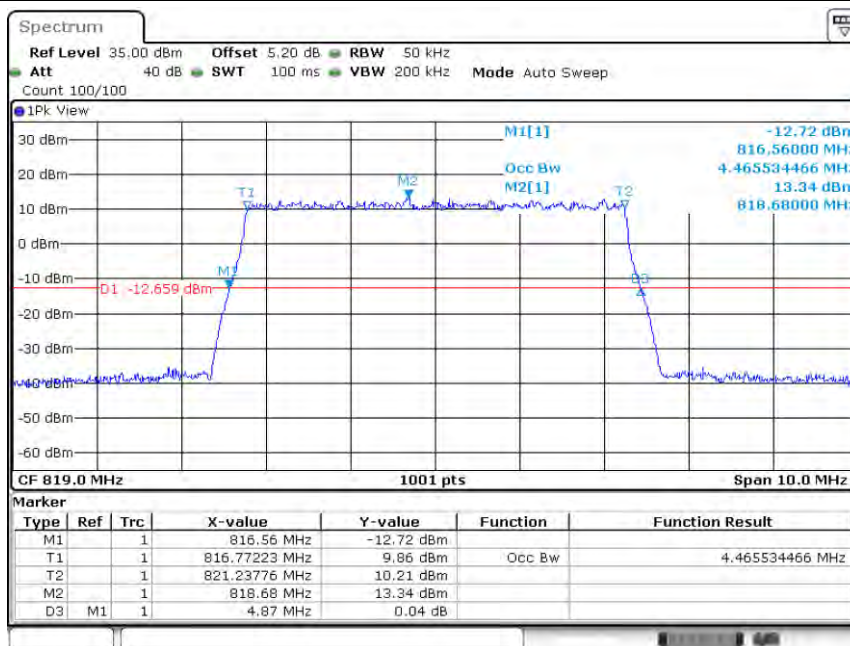


Band26-5MHz-64QAM-26715-25RB#0-4.466



Date: 22.SEP.2020 19:39:55

Band26-5MHz-64QAM-26740-25RB#0-4.466



Date: 22.SEP.2020 19:40:18

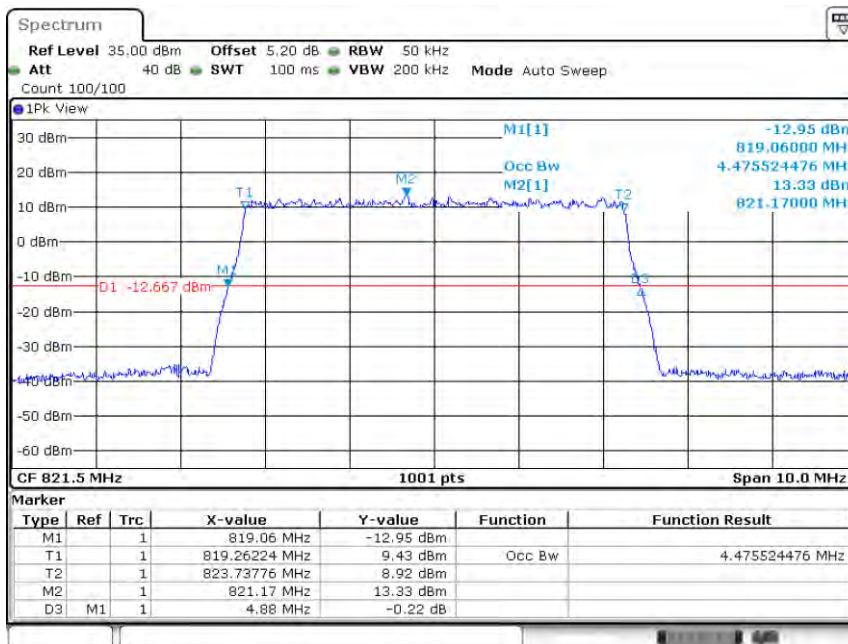


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

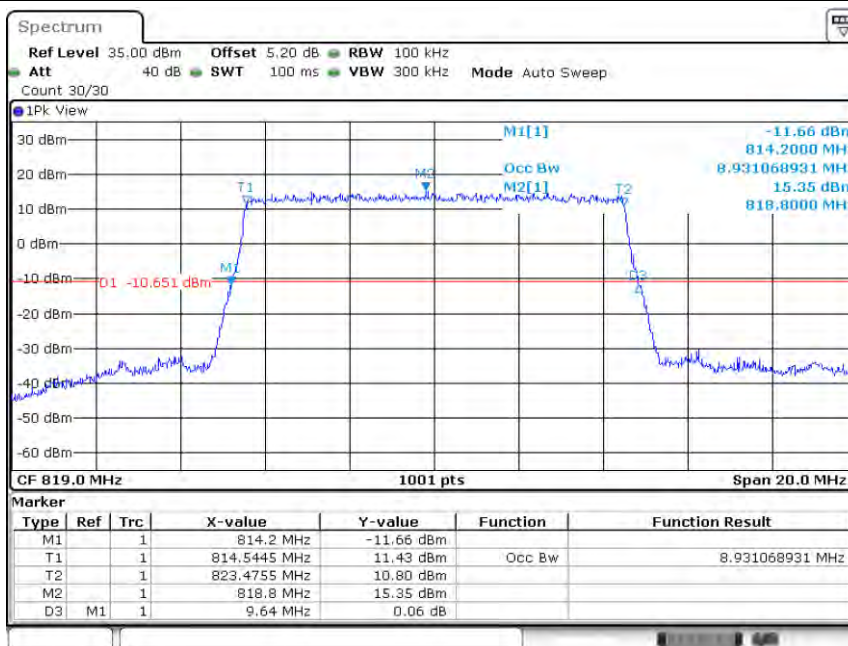
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band26-5MHz-64QAM-26765-25RB#0-4.476



Date: 22.SEP.2020 19:40:41

Band26-10MHz-QPSK-26740-50RB#0-8.931



Date: 22.SEP.2020 17:39:00



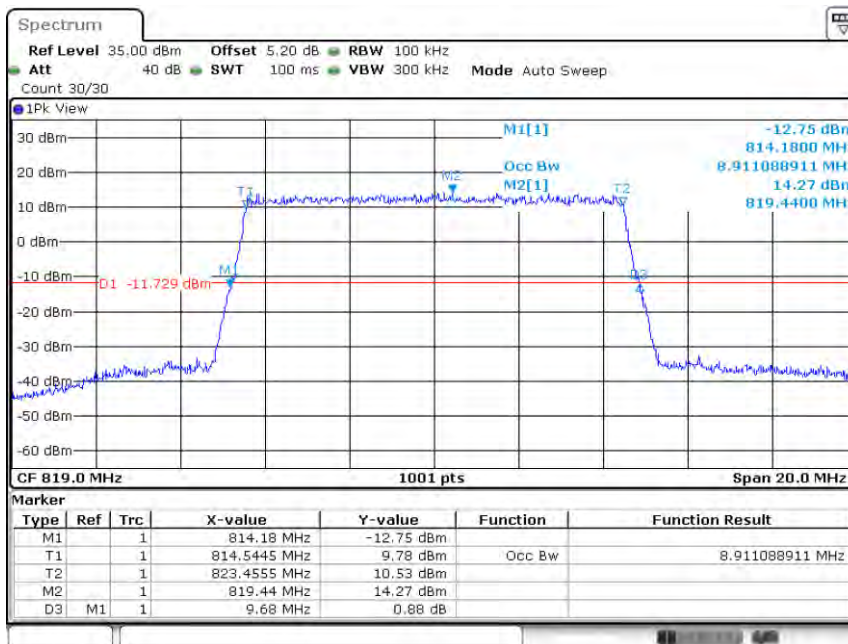
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057
中国·深圳·科技园中区M-10栋一号厂房

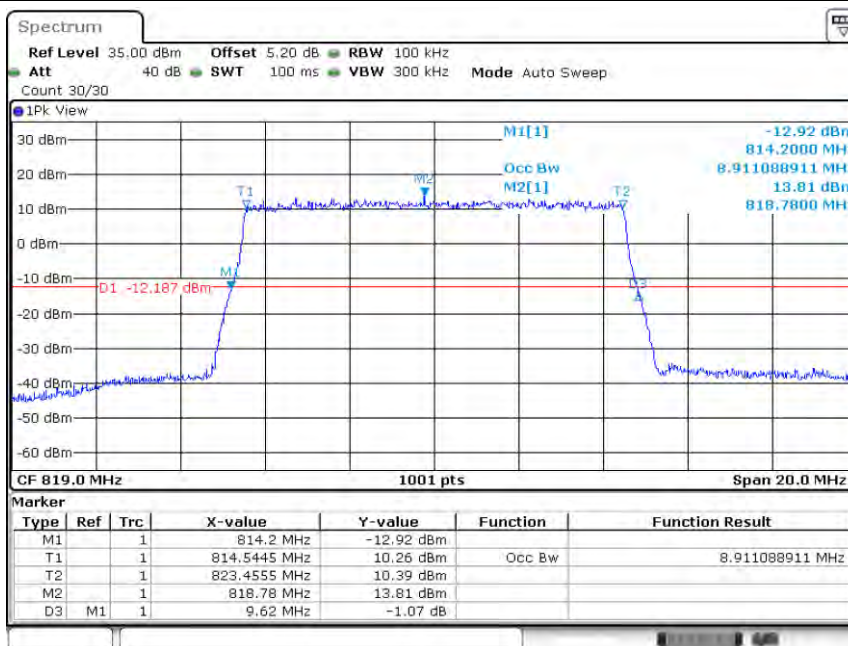
t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band26-10MHz-16QAM-26740-50RB#0-8.911



Date: 22.SEP.2020 17:39:16

Band26-10MHz-64QAM-26740-50RB#0-8.911



Date: 22.SEP.2020 19:41:03



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

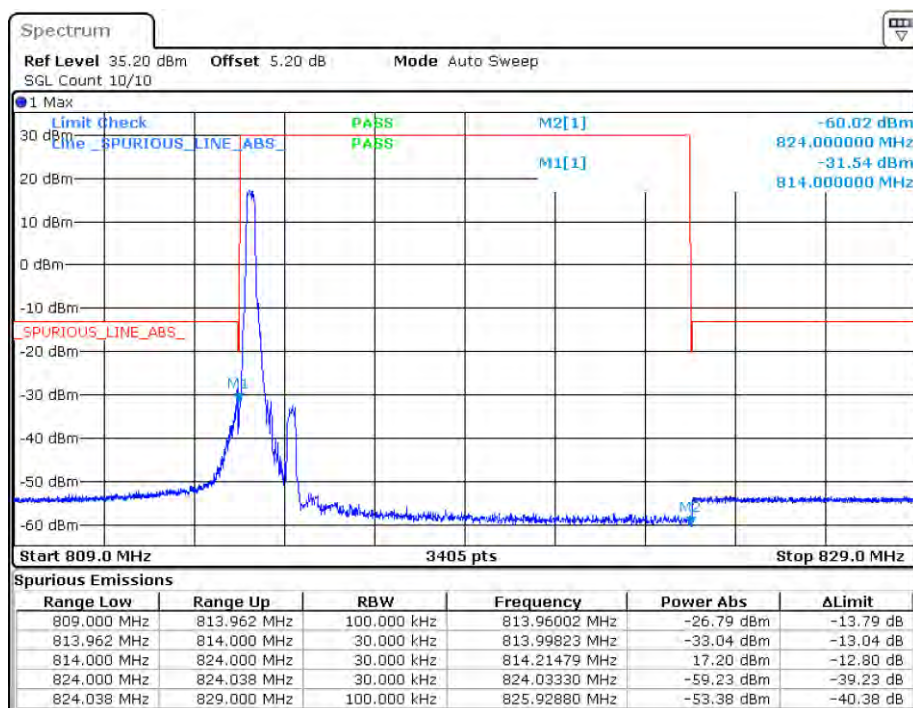
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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

5 Band Edge Compliance

5.1 Test Plots

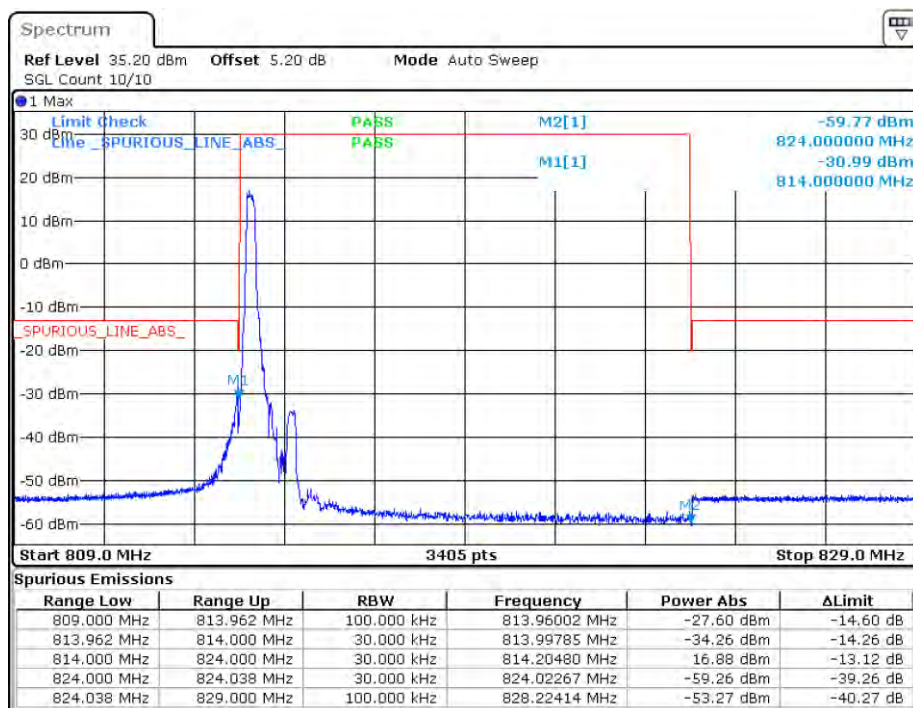
Band26-1.4MHz-QPSK-26697-1RB#0



Date: 22 SEP 2020 21:29:53

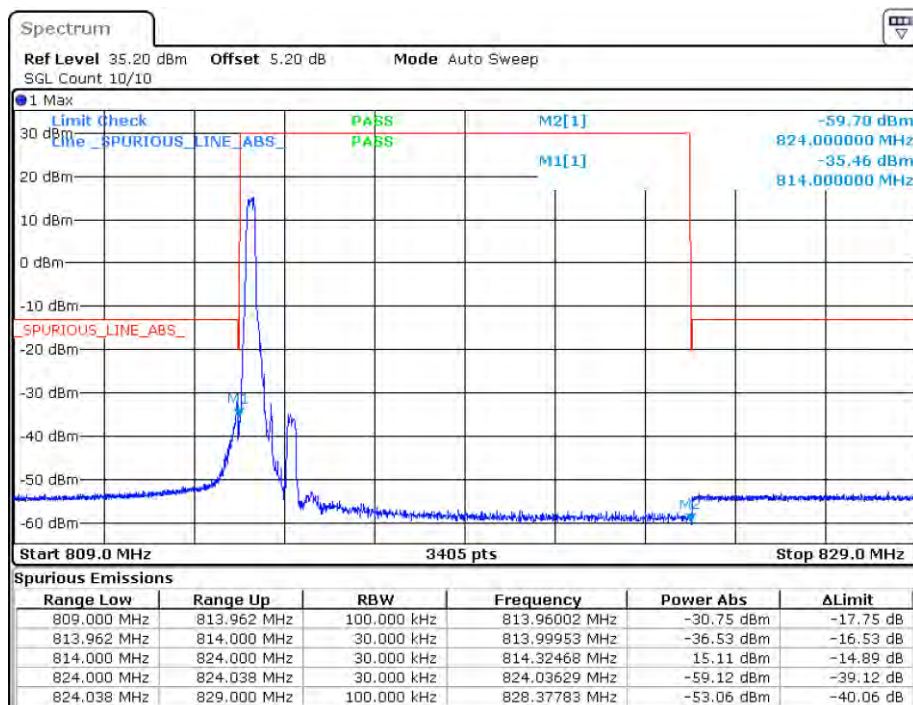


Band26-1.4MHz-16QAM-26697-1RB#0



Date: 22.SEP.2020 21:30:31

Band26-1.4MHz-64QAM-26697-1RB#0



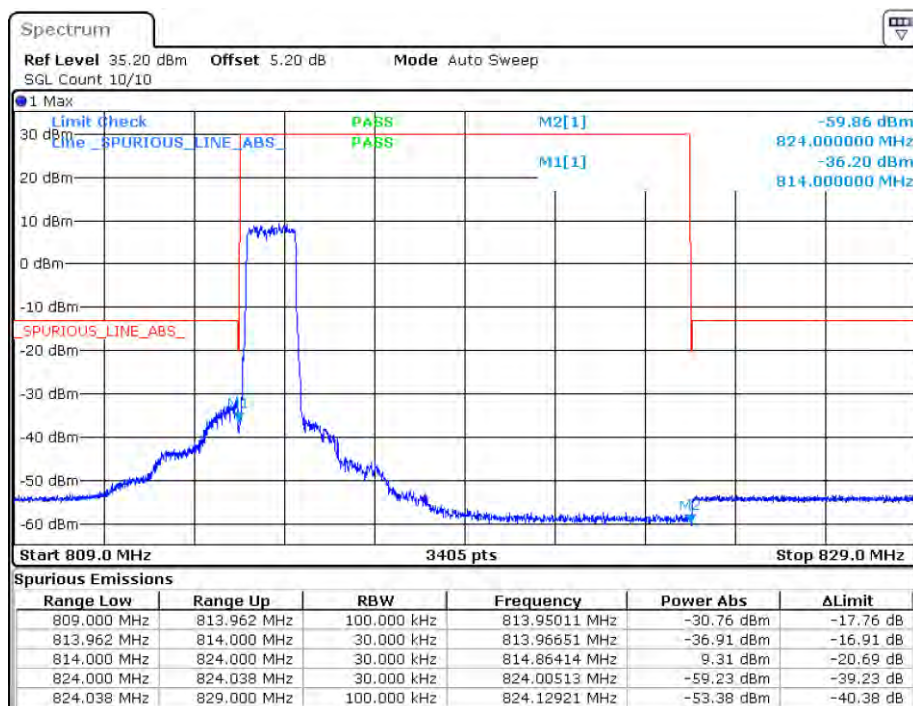
Date: 22.SEP.2020 21:31:10



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

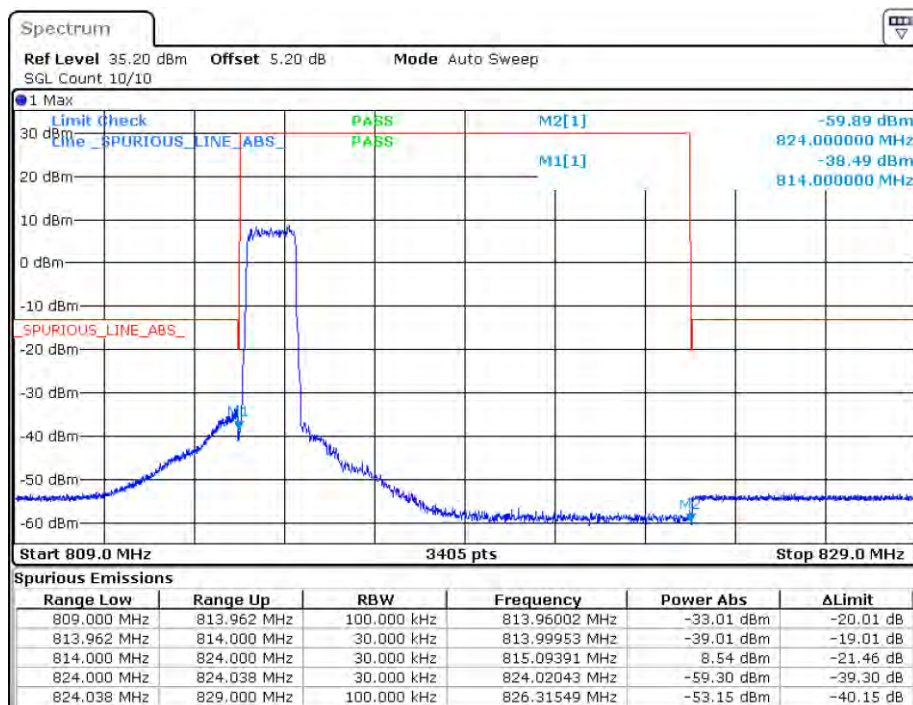
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephones: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band26-1.4MHz-QPSK-26697-6RB#0



Date: 22.SEP.2020 21:33:44

Band26-1.4MHz-16QAM-26697-6RB#0



Date: 22.SEP.2020 21:34:22

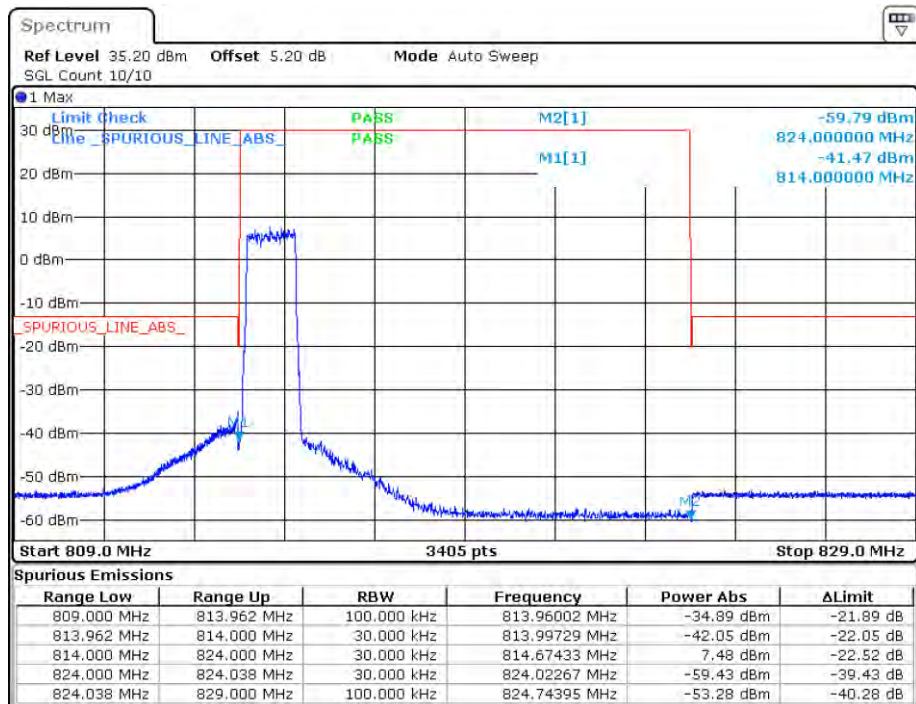


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

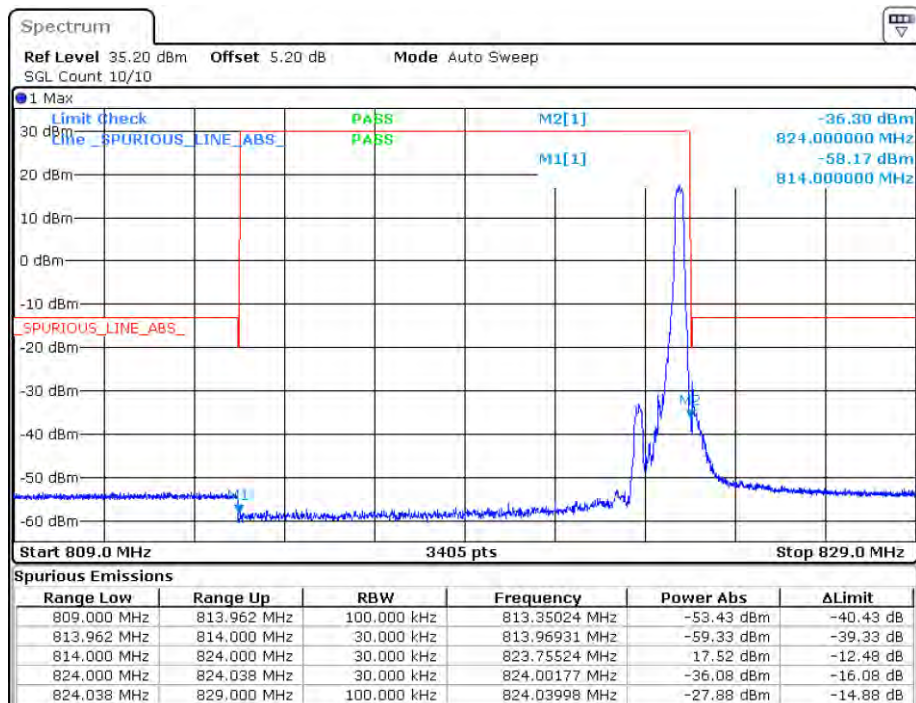
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band26-1.4MHz-64QAM-26697-6RB#0



Date: 22.SEP.2020 21:35:00

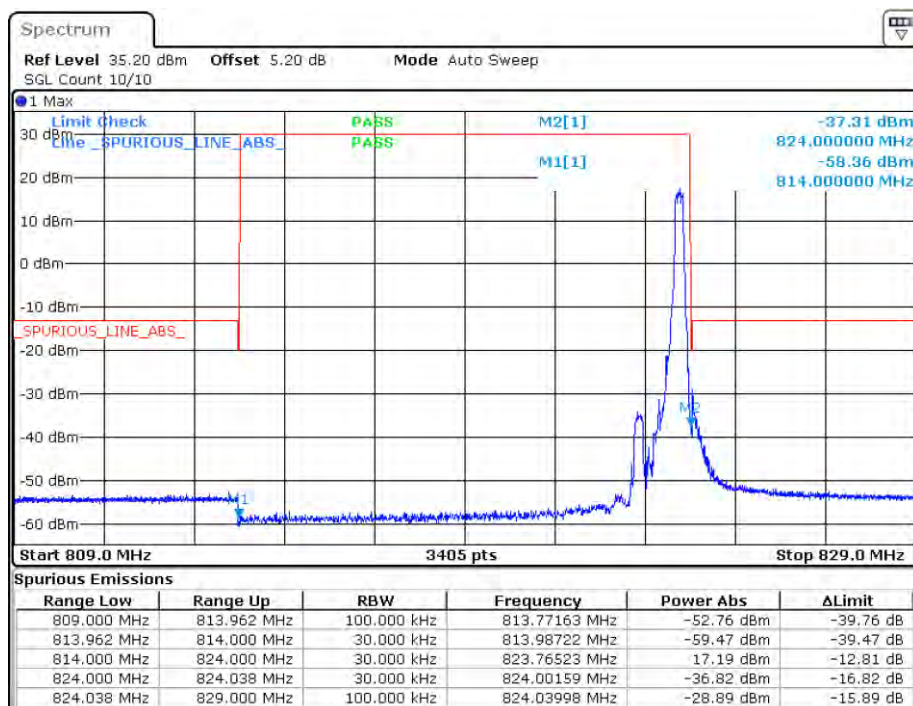
Band26-1.4MHz-QPSK-26783-1RB#5



Date: 22.SEP.2020 21:31:49

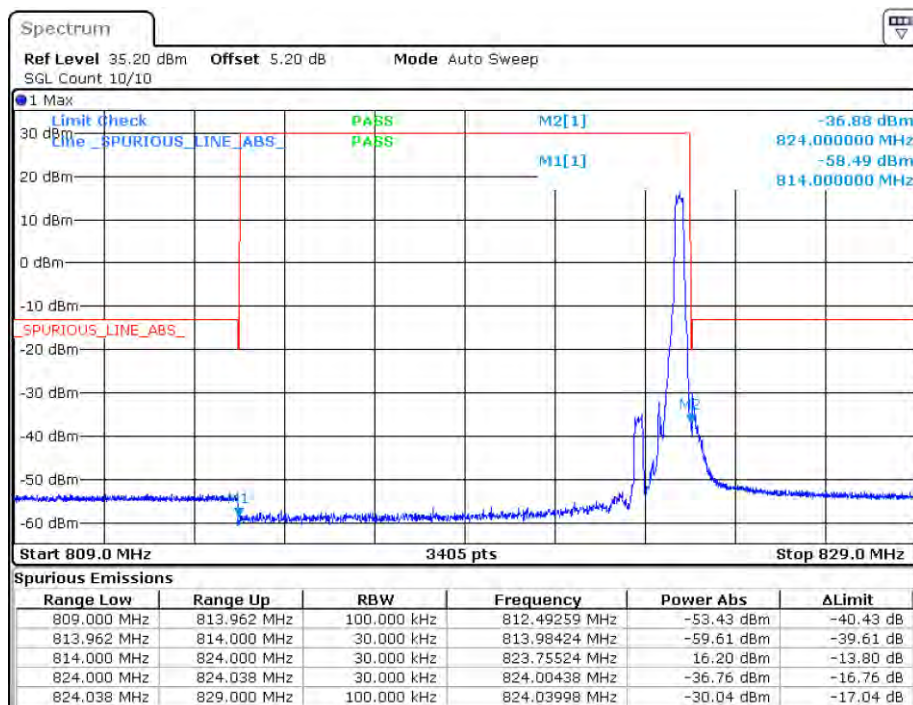


Band26-1.4MHz-16QAM-26783-1RB#5



Date: 22.SEP.2020 21:32:27

Band26-1.4MHz-64QAM-26783-1RB#5



Date: 22.SEP.2020 21:33:05

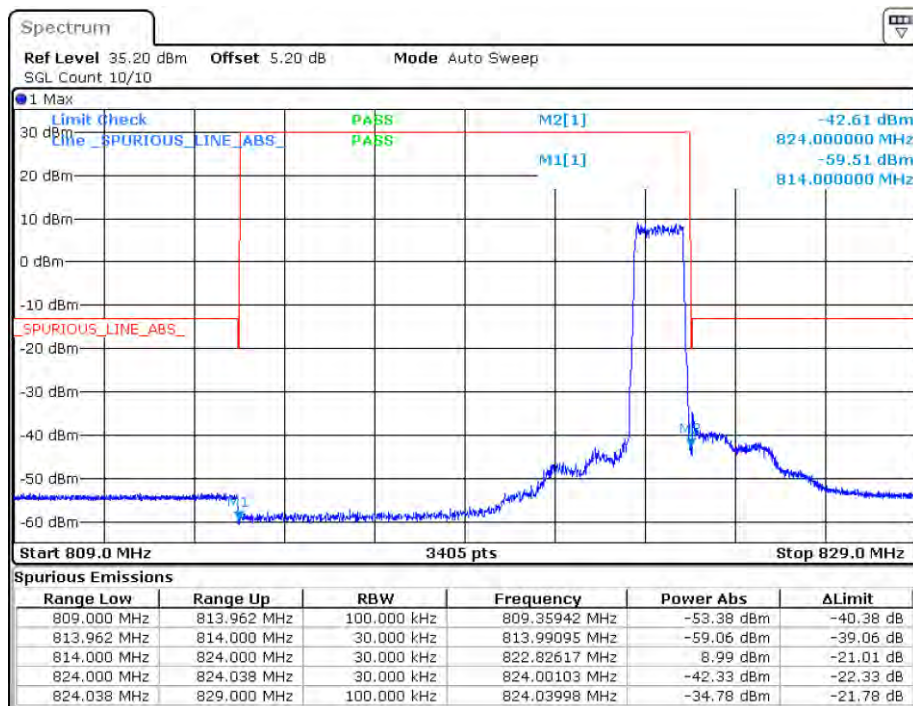


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

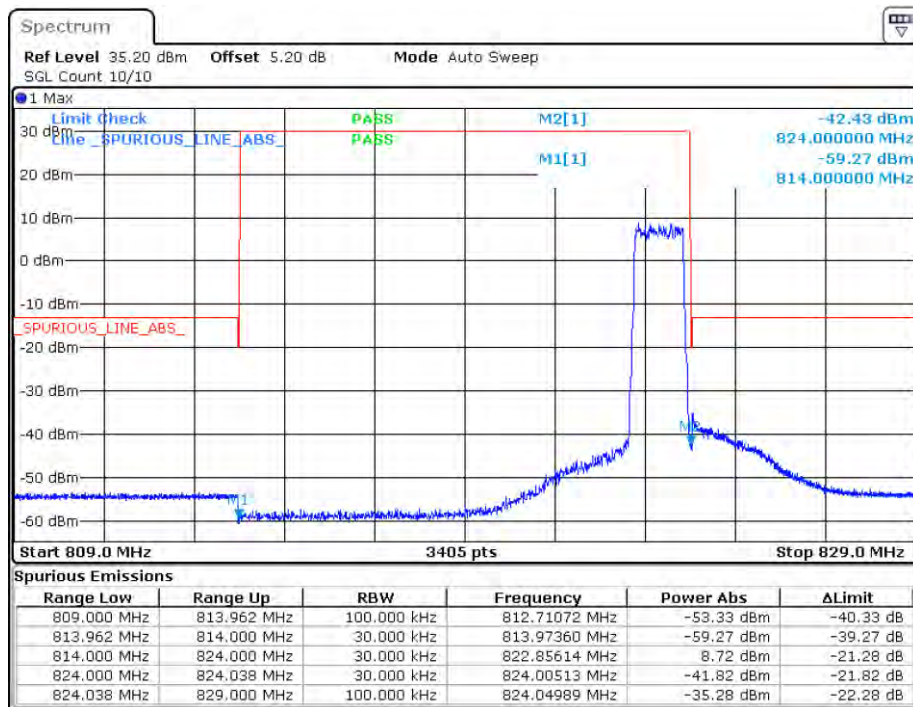
SGS-CSTC Standards Technical Services Co., Ltd. No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
Shenzhen Branch, SGS-CSTC Laboratory 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band26-1.4MHz-QPSK-26783-6RB#0



Date: 22.SEP.2020 21:35:38

Band26-1.4MHz-16QAM-26783-6RB#0



Date: 22.SEP.2020 21:36:17

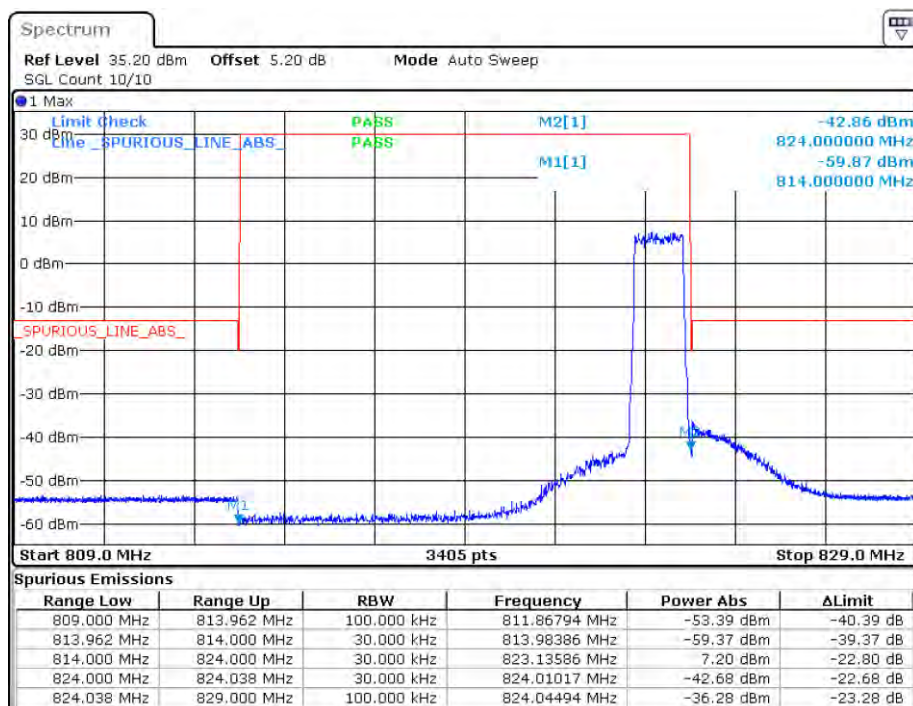


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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 telephones: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

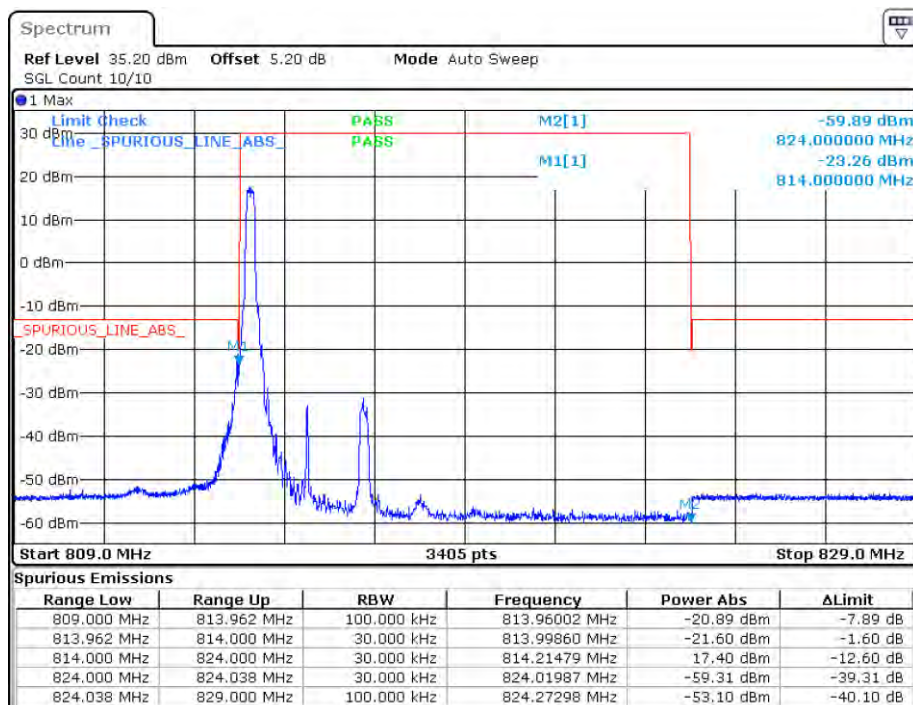
SGS-CSTC Standards Technical Services Co., Ltd. No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
Shenzhen Branch, SGS-CSTC Laboratory 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band26-1.4MHz-64QAM-26783-6RB#0



Date: 22.SEP.2020 21:36:55

Band26-3MHz-QPSK-26705-1RB#0



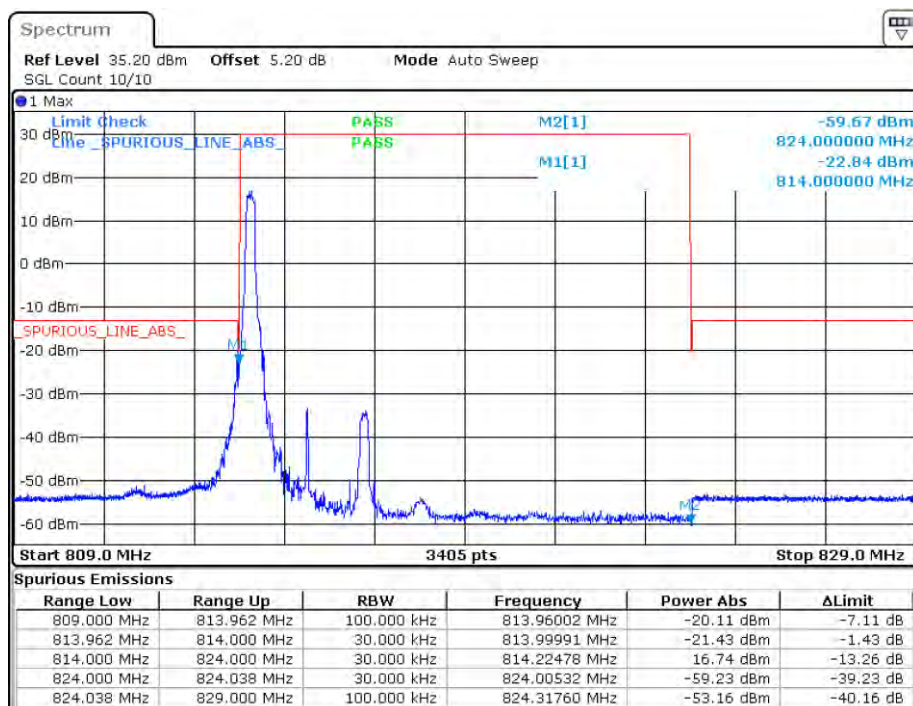
Date: 22.SEP.2020 21:37:35



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.

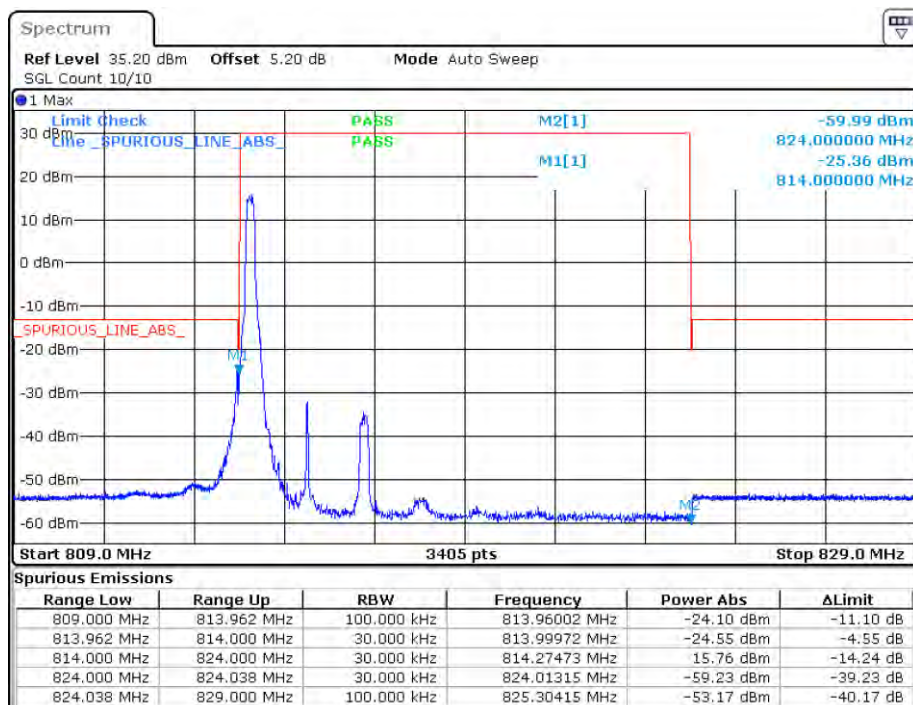
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephones: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band26-3MHz-16QAM-26705-1RB#0



Date: 22.SEP.2020 21:38:13

Band26-3MHz-64QAM-26705-1RB#0



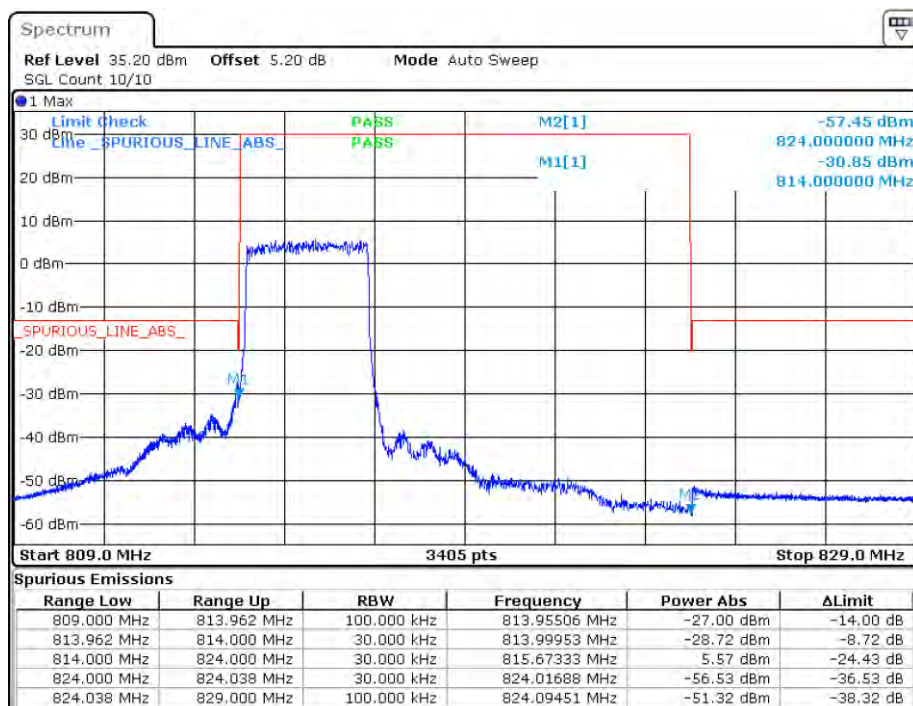
Date: 22.SEP.2020 21:38:51



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

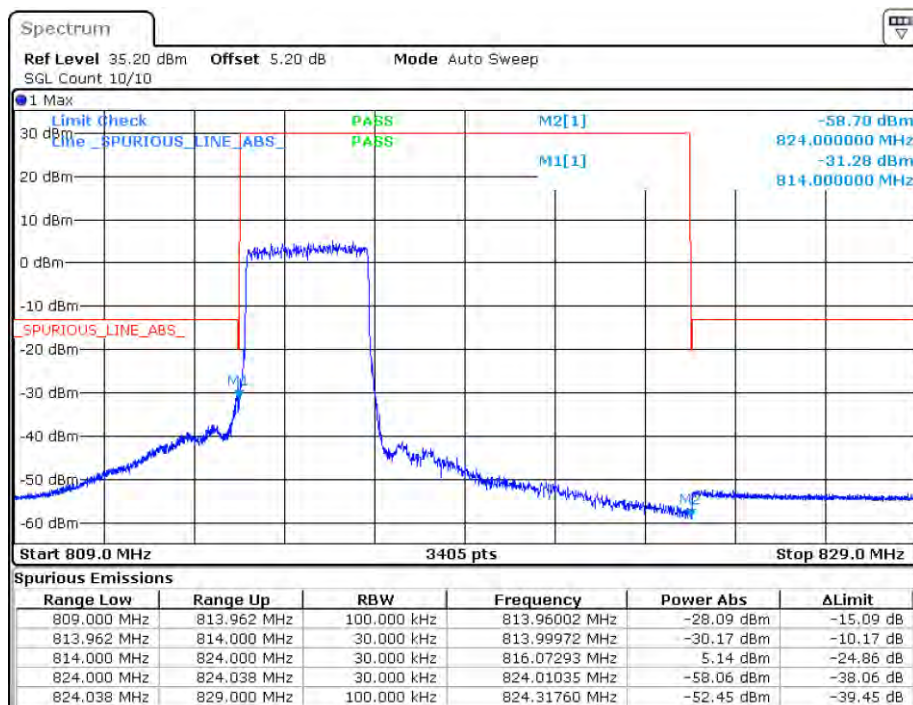
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephones: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band26-3MHz-QPSK-26705-15RB#0



Date: 22.SEP.2020 21:41:25

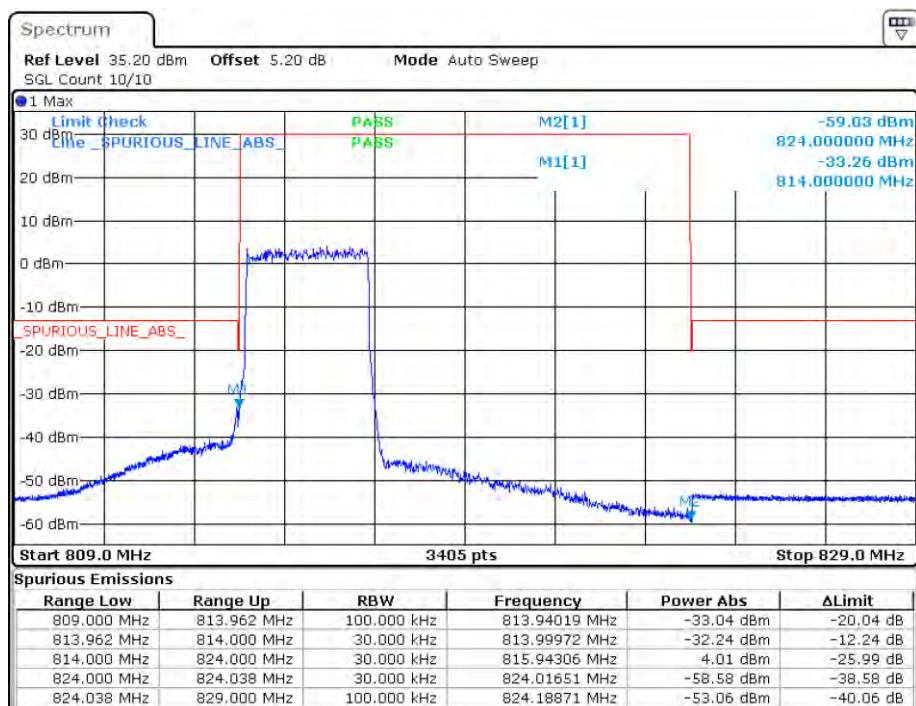
Band26-3MHz-16QAM-26705-15RB#0



Date: 22.SEP.2020 21:42:03

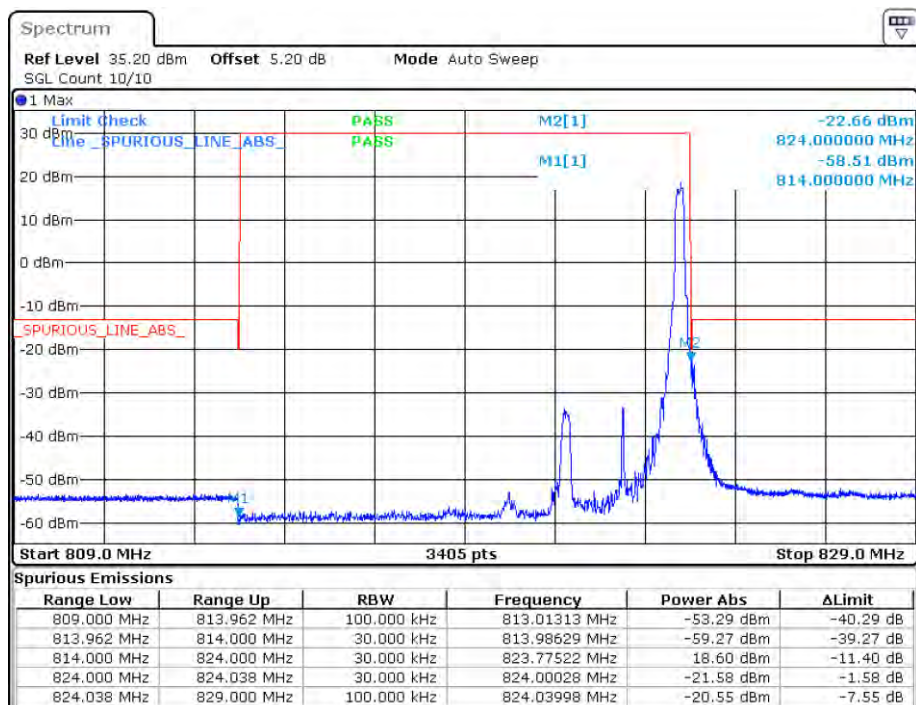


Band26-3MHz-64QAM-26705-15RB#0



Date: 22.SEP.2020 21:42:41

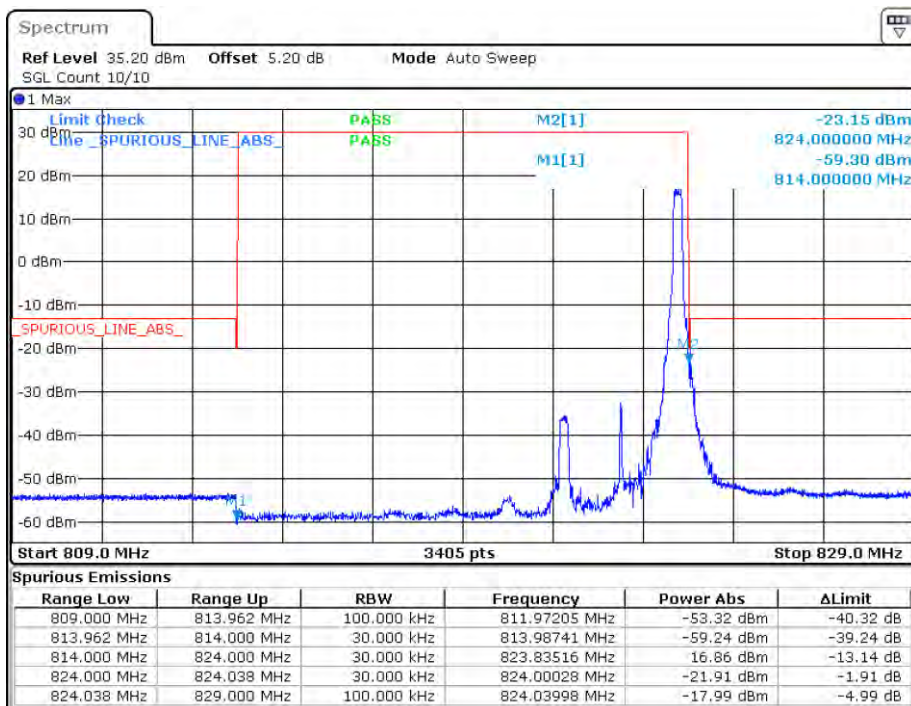
Band26-3MHz-QPSK-26775-1RB#14



Date: 22.SEP.2020 21:39:30

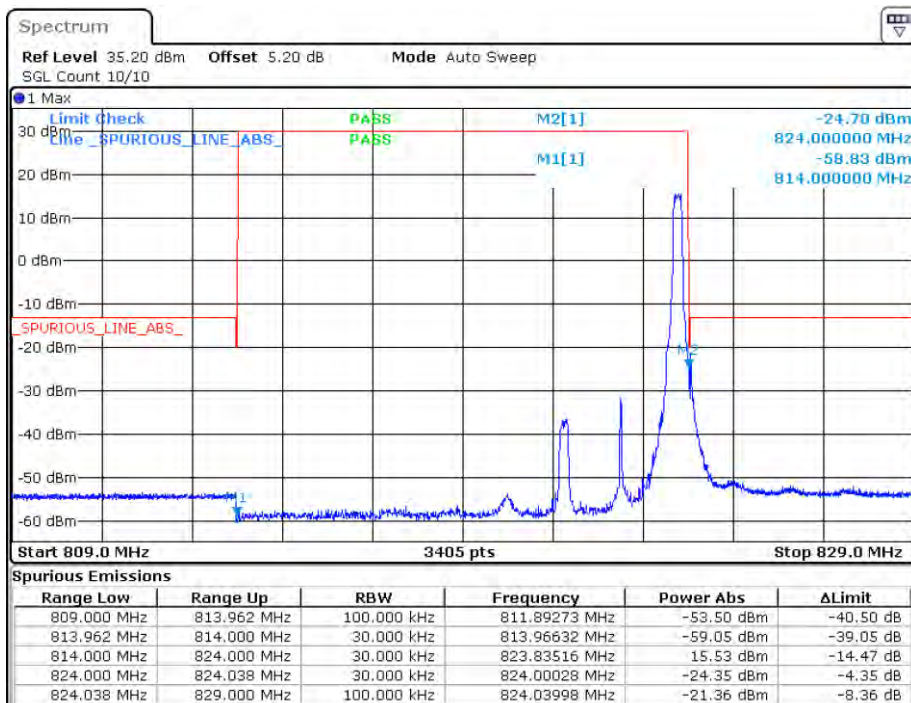


Band26-3MHz-16QAM-26775-1RB#14



Date: 22.SEP.2020 21:40:08

Band26-3MHz-64QAM-26775-1RB#14



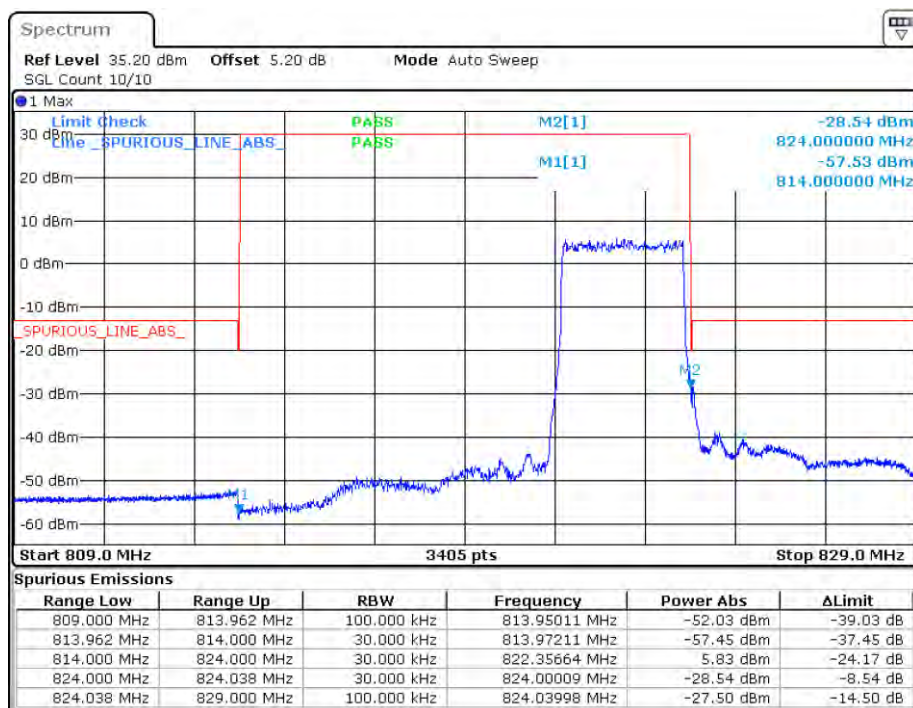
Date: 22.SEP.2020 21:40:46



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

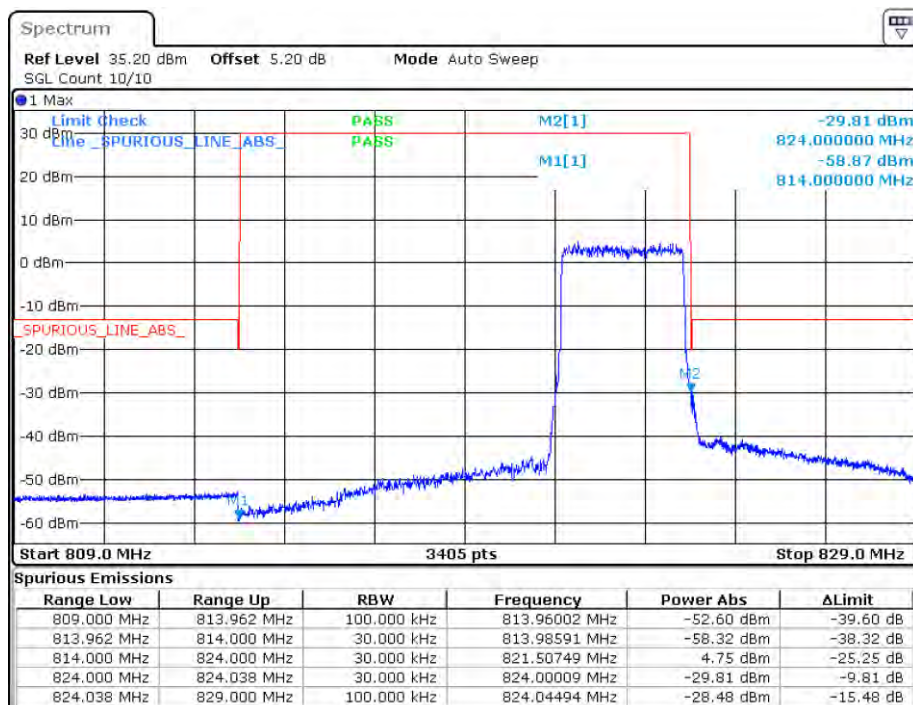
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephones: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band26-3MHz-QPSK-26775-15RB#0



Date: 22.SEP.2020 21:43:20

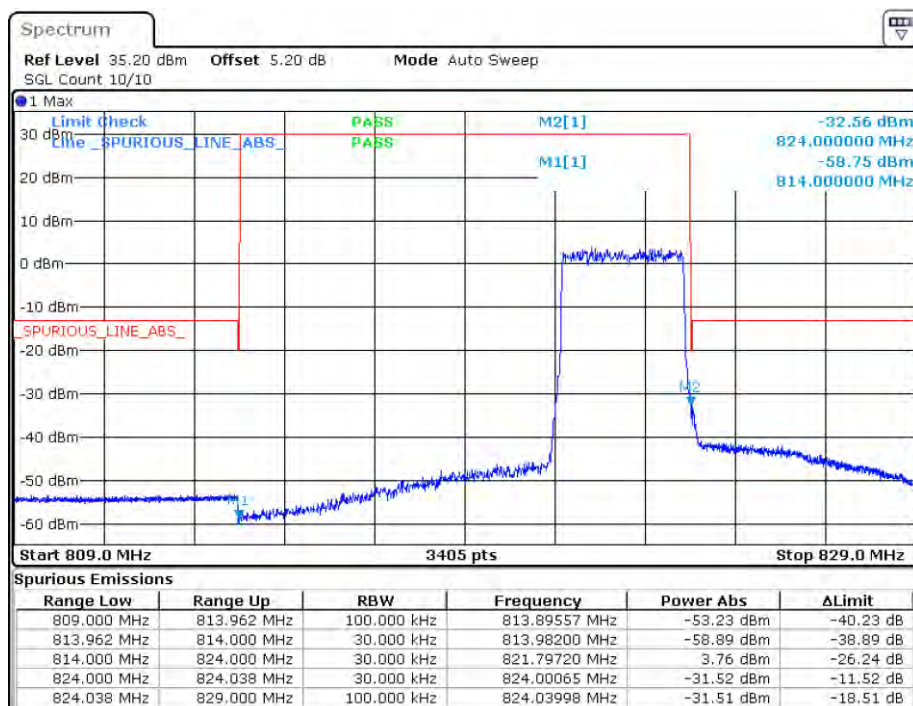
Band26-3MHz-16QAM-26775-15RB#0



Date: 22.SEP.2020 21:43:58

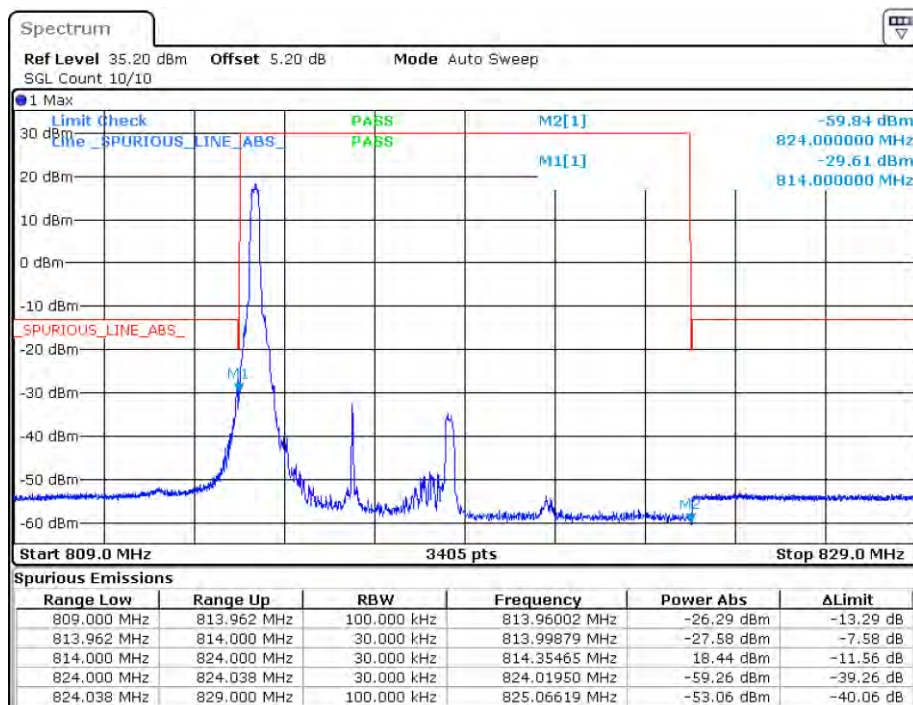


Band26-3MHz-64QAM-26775-15RB#0



Date: 22.SEP.2020 21:44:36

Band26-5MHz-QPSK-26715-1RB#0



Date: 22.SEP.2020 21:45:17



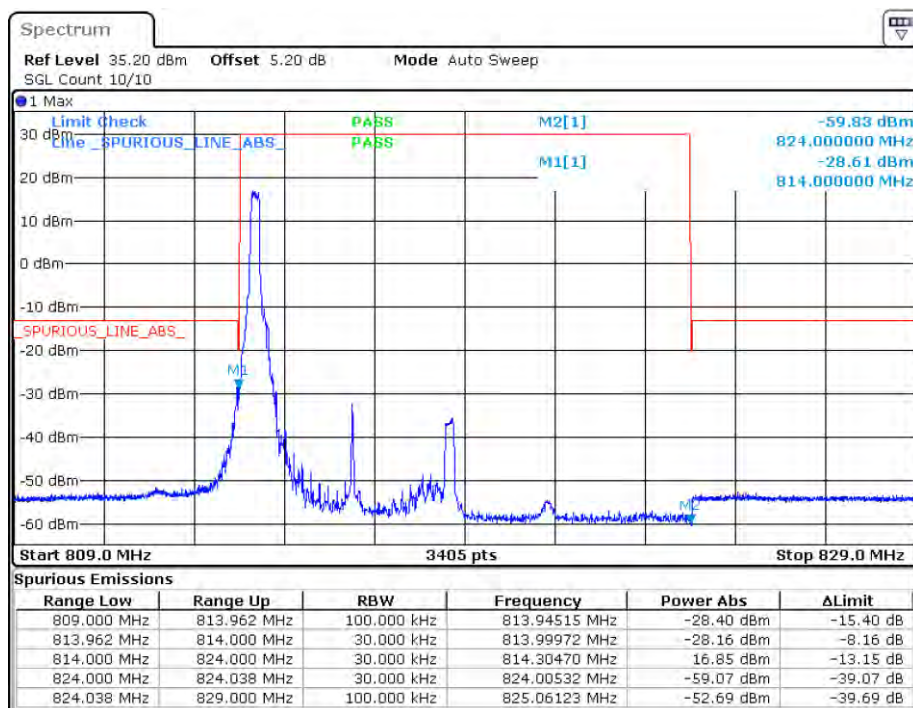
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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

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

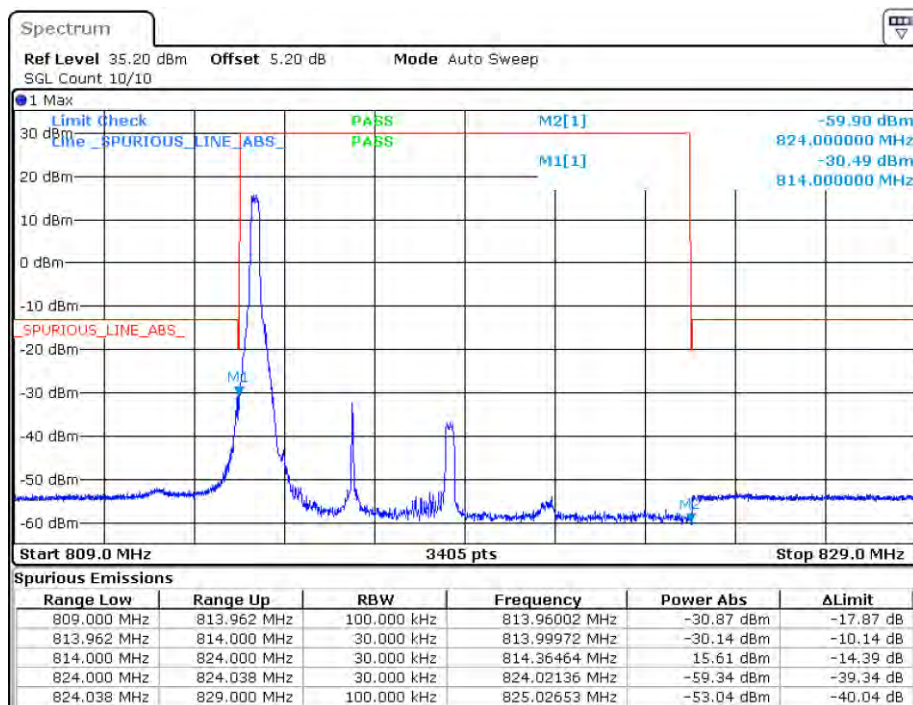
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band26-5MHz-16QAM-26715-1RB#0



Date: 22 SEP 2020 21:45:55

Band26-5MHz-64QAM-26715-1RB#0



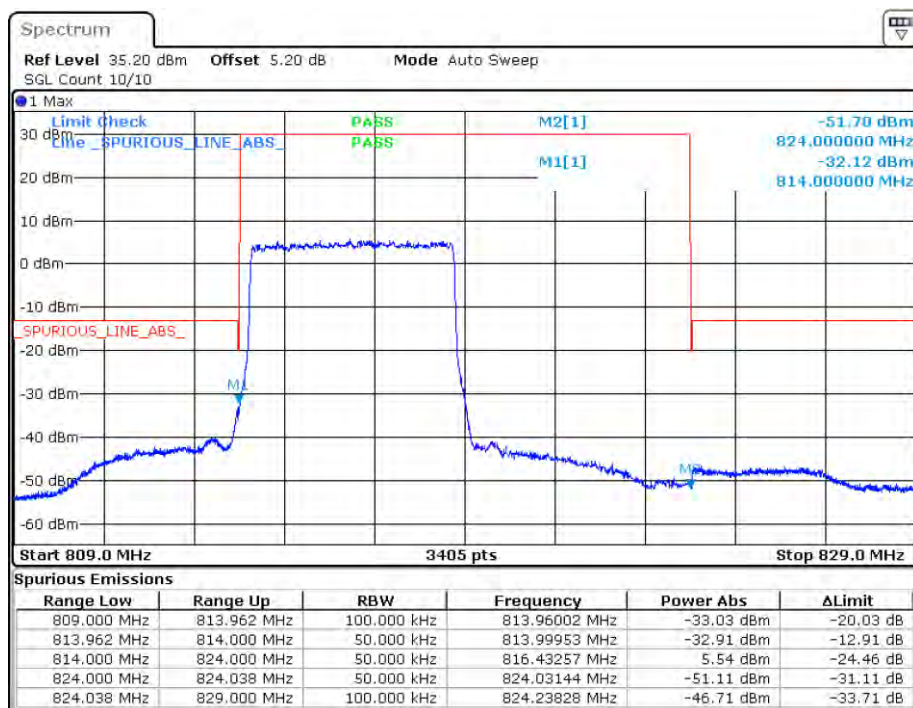
Date: 22 SEP 2020 21:46:33



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

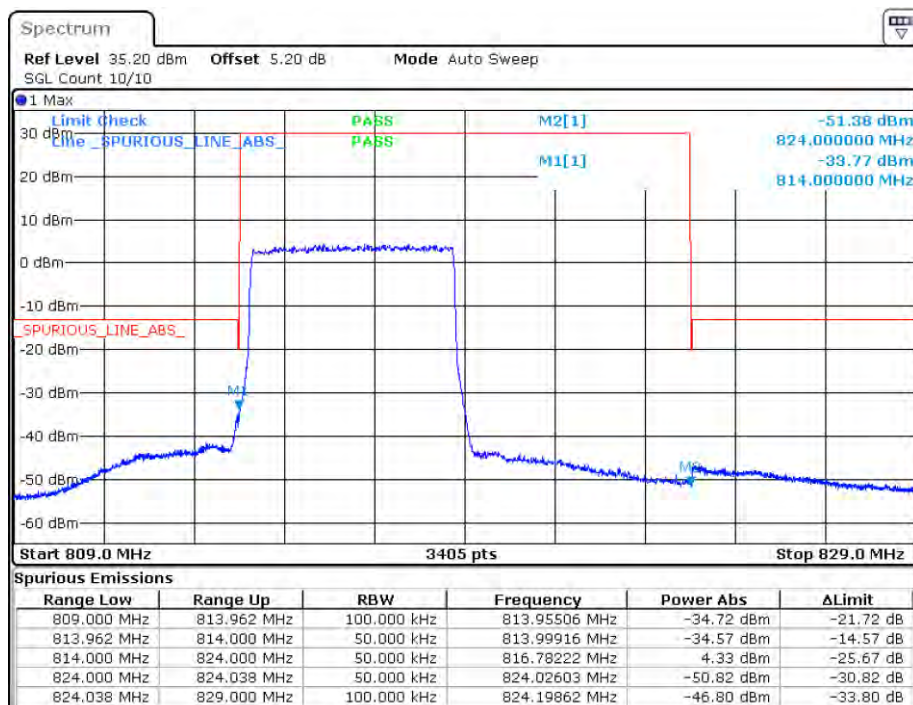
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephones: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band26-5MHz-QPSK-26715-25RB#0



Date: 22.SEP.2020 21:49:07

Band26-5MHz-16QAM-26715-25RB#0



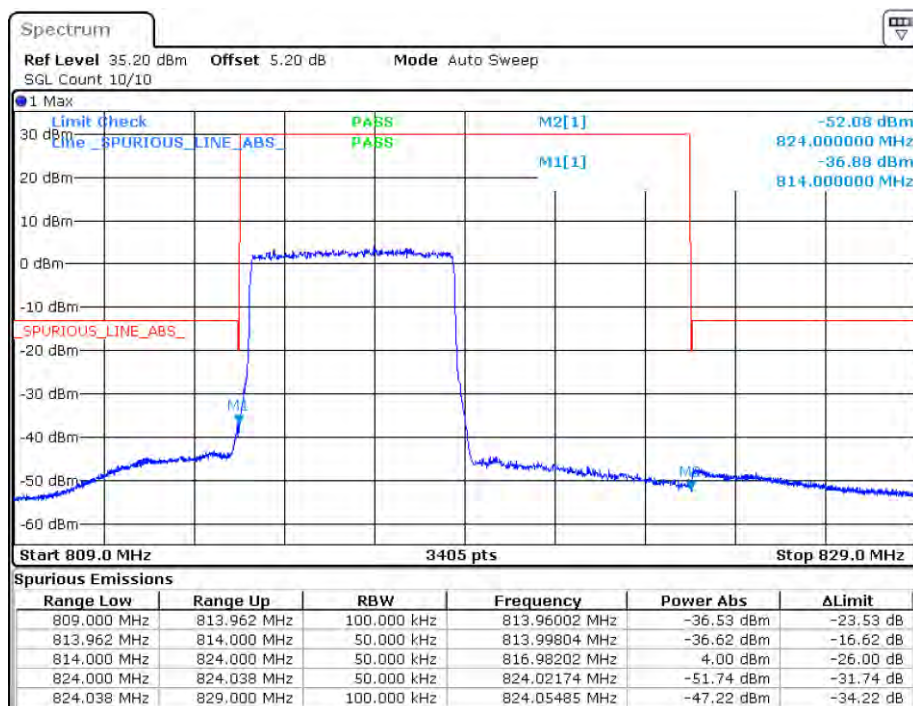
Date: 22.SEP.2020 21:49:45



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

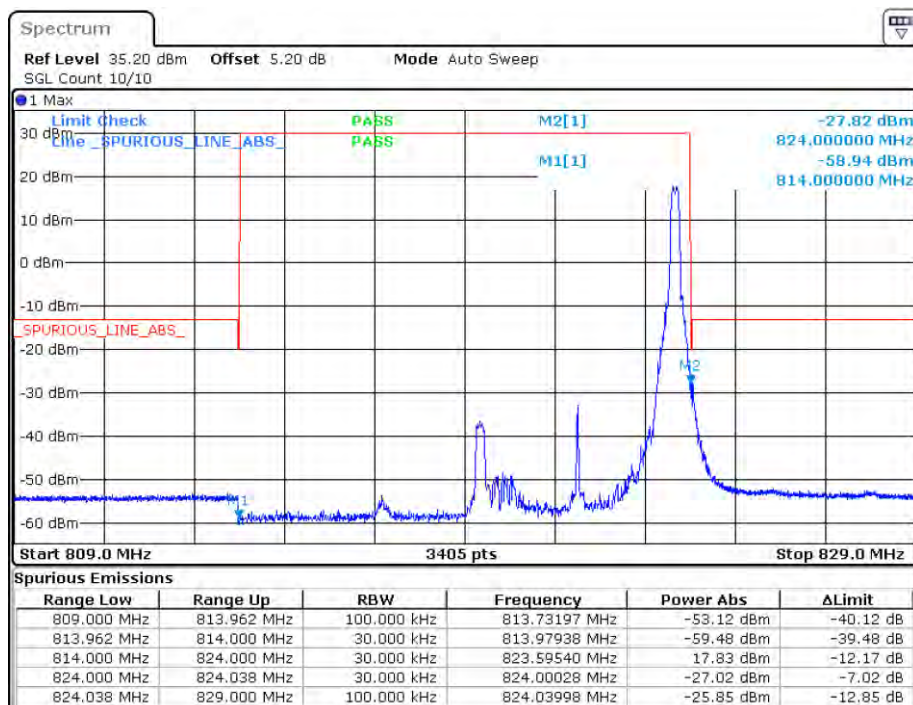
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephones: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band26-5MHz-64QAM-26715-25RB#0



Date: 22.SEP.2020 21:50:23

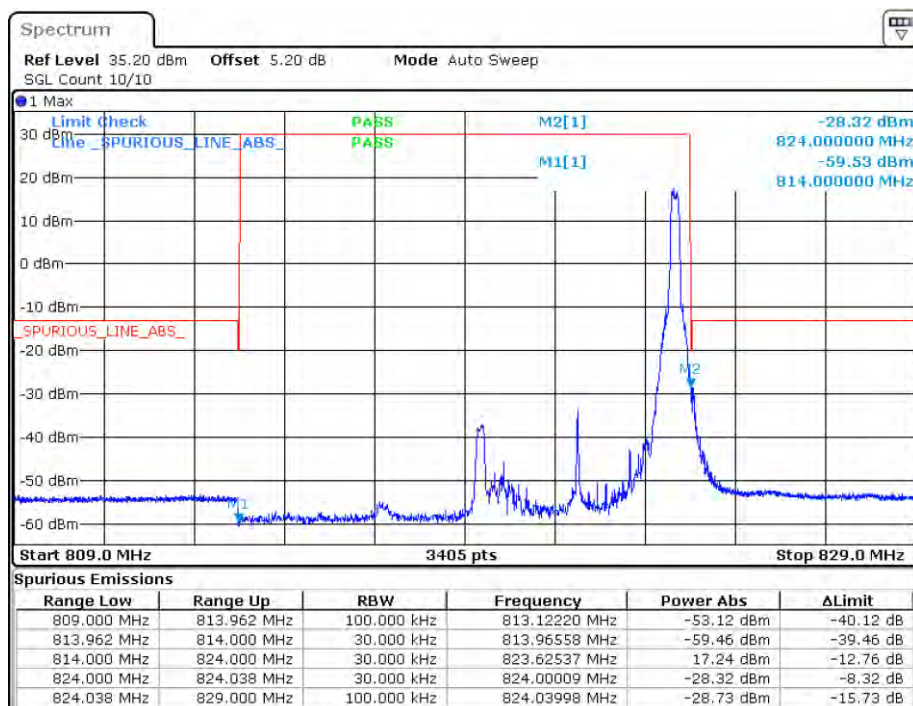
Band26-5MHz-QPSK-26765-1RB#24



Date: 22.SEP.2020 21:47:12

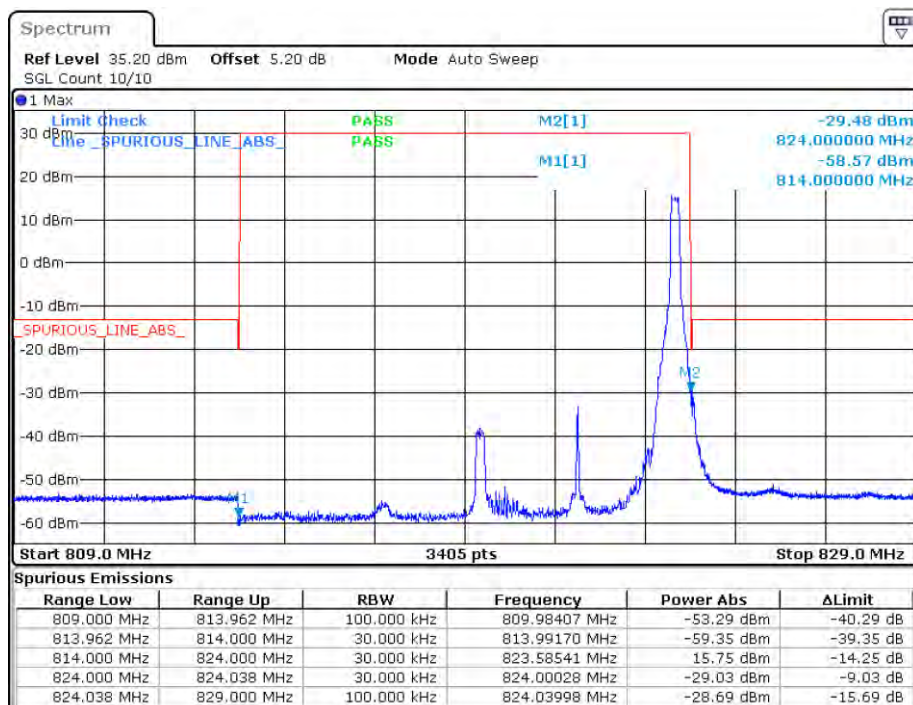


Band26-5MHz-16QAM-26765-1RB#24



Date: 22.SEP.2020 21:47:50

Band26-5MHz-64QAM-26765-1RB#24



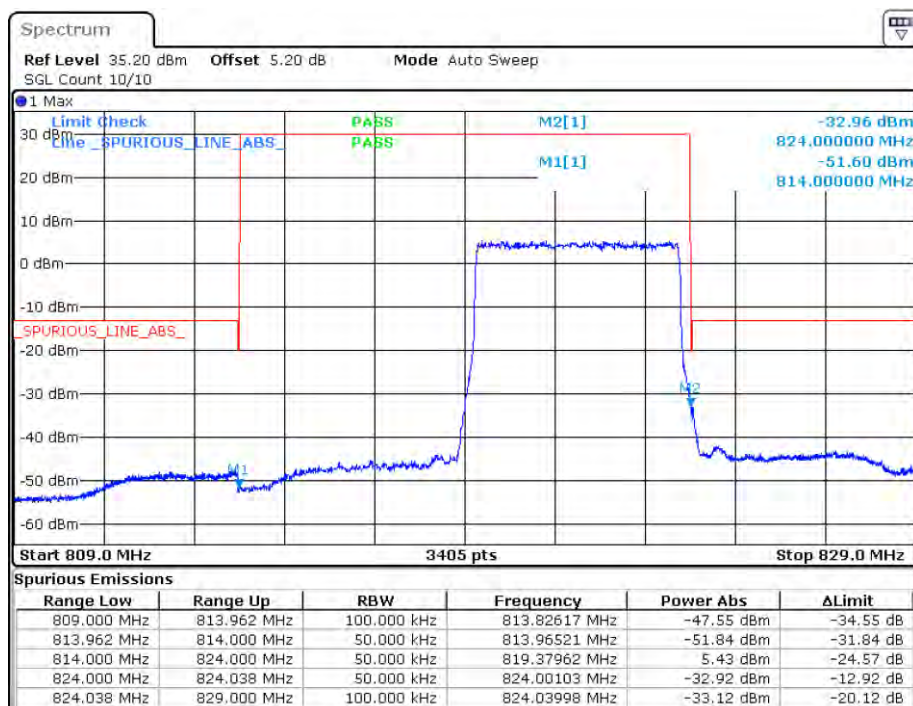
Date: 22.SEP.2020 21:48:28



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

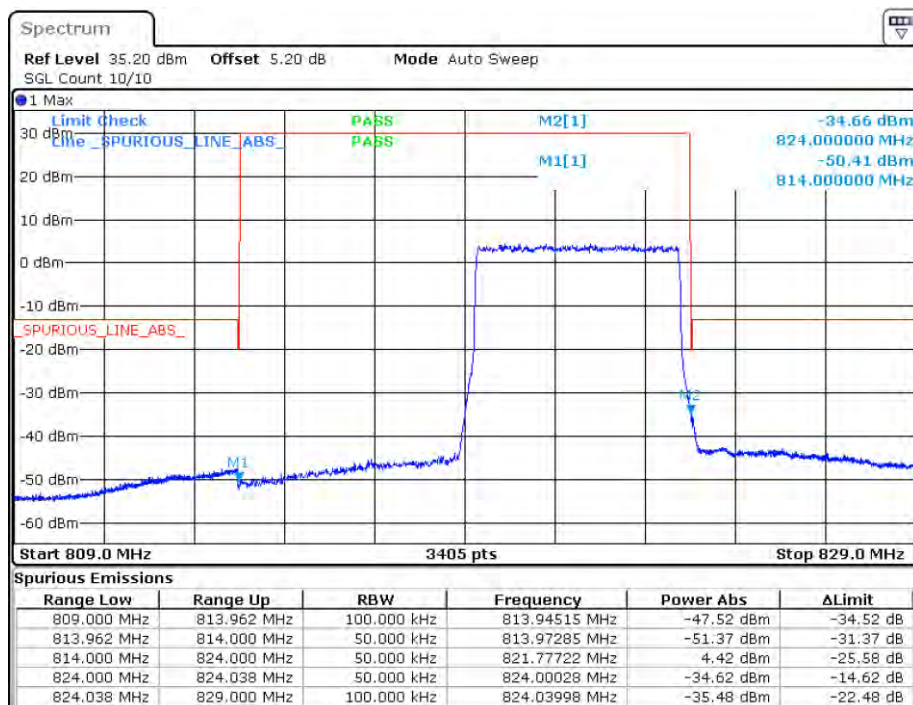
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephones: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn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

Band26-5MHz-QPSK-26765-25RB#0



Date: 22.SEP.2020 21:51:02

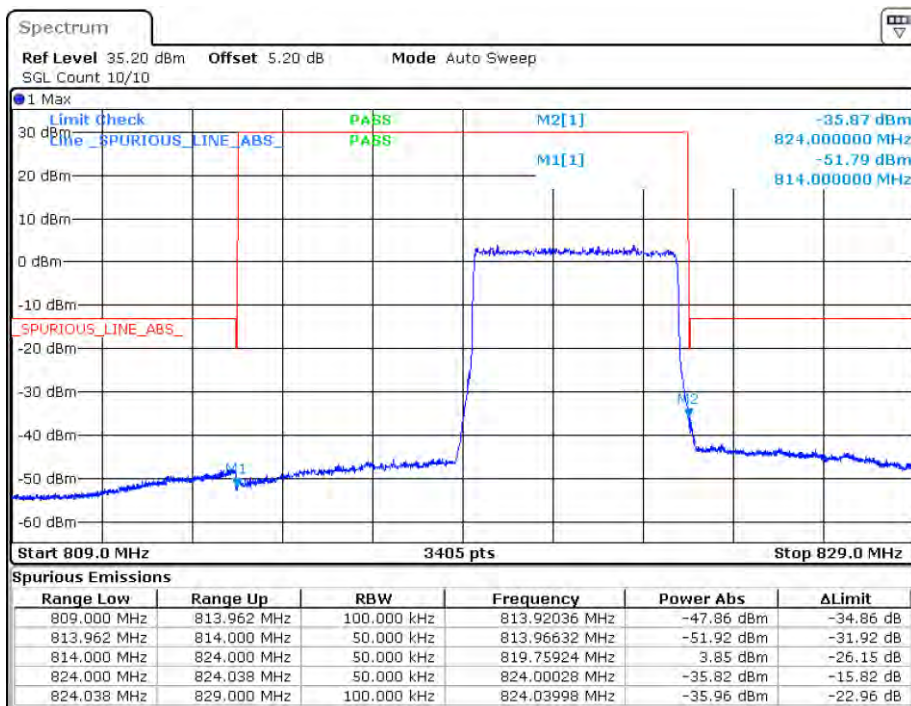
Band26-5MHz-16QAM-26765-25RB#0



Date: 22.SEP.2020 21:51:40

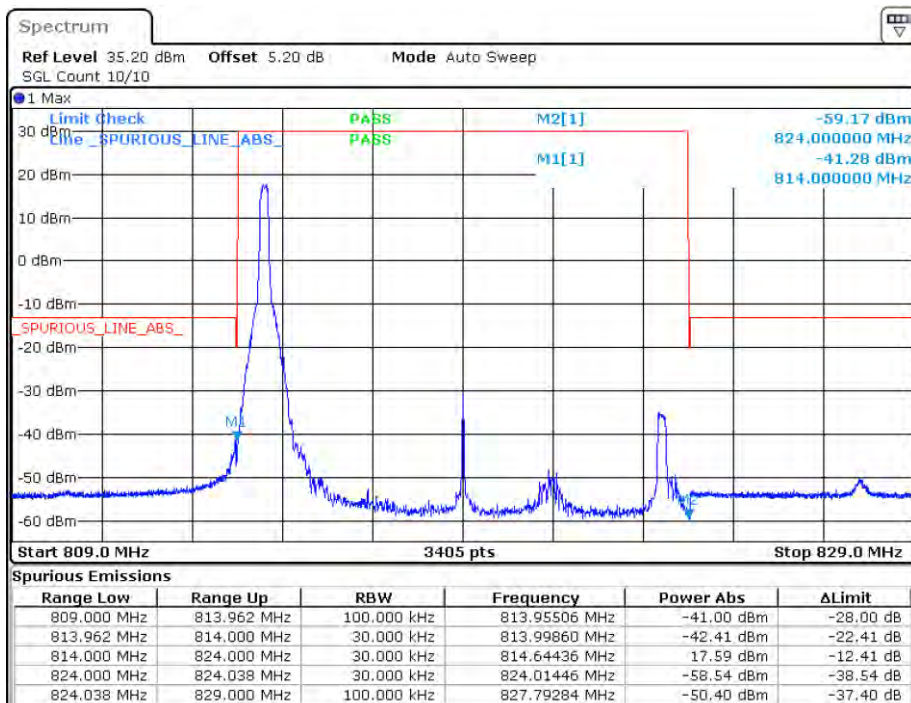


Band26-5MHz-64QAM-26765-25RB#0



Date: 22.SEP.2020 21:52:18

Band26-10MHz-QPSK-26740-1RB#0



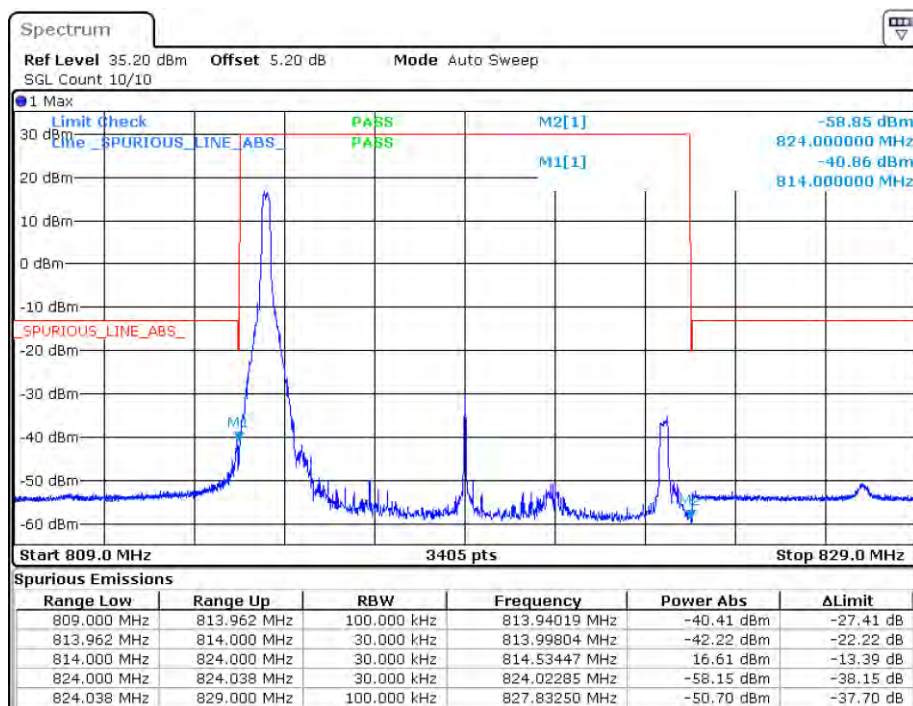
Date: 22.SEP.2020 21:52:58



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

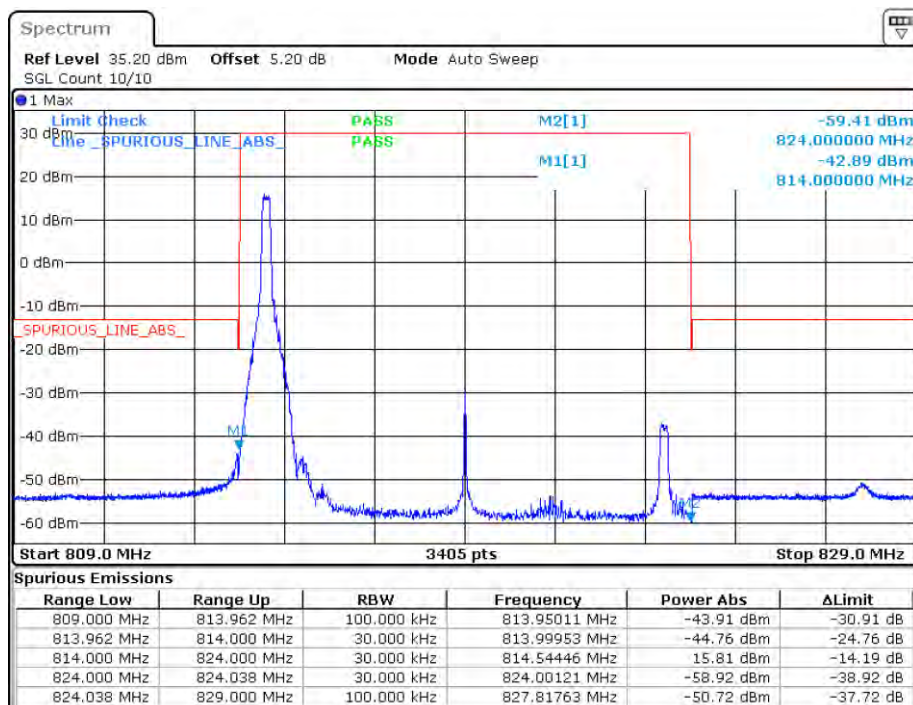
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephones: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn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

Band26-10MHz-16QAM-26740-1RB#0



Date: 22.SEP.2020 21:54:14

Band26-10MHz-64QAM-26740-1RB#0



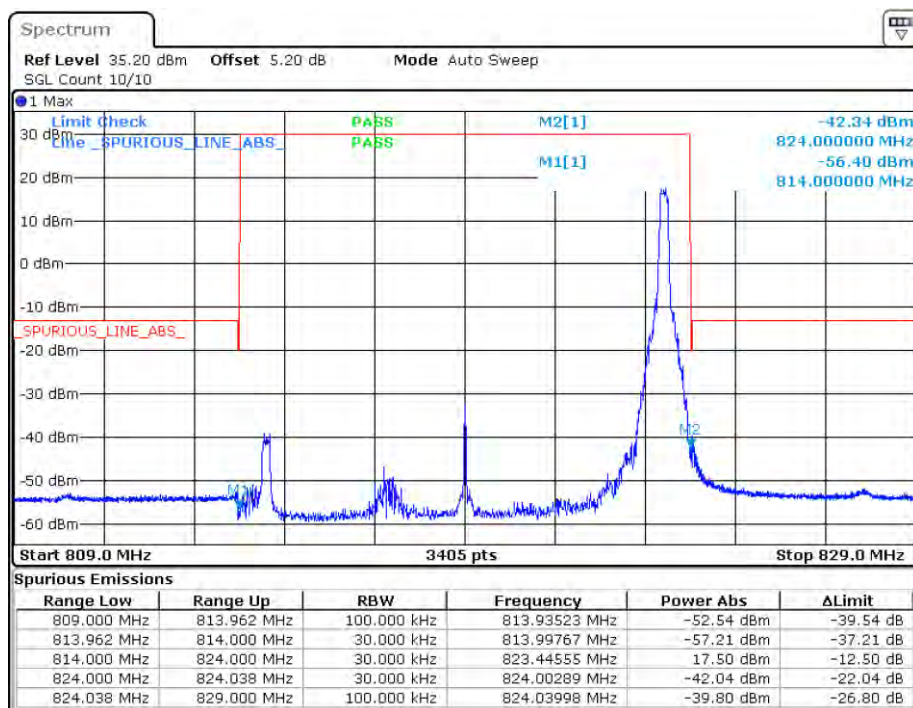
Date: 22.SEP.2020 21:55:30



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

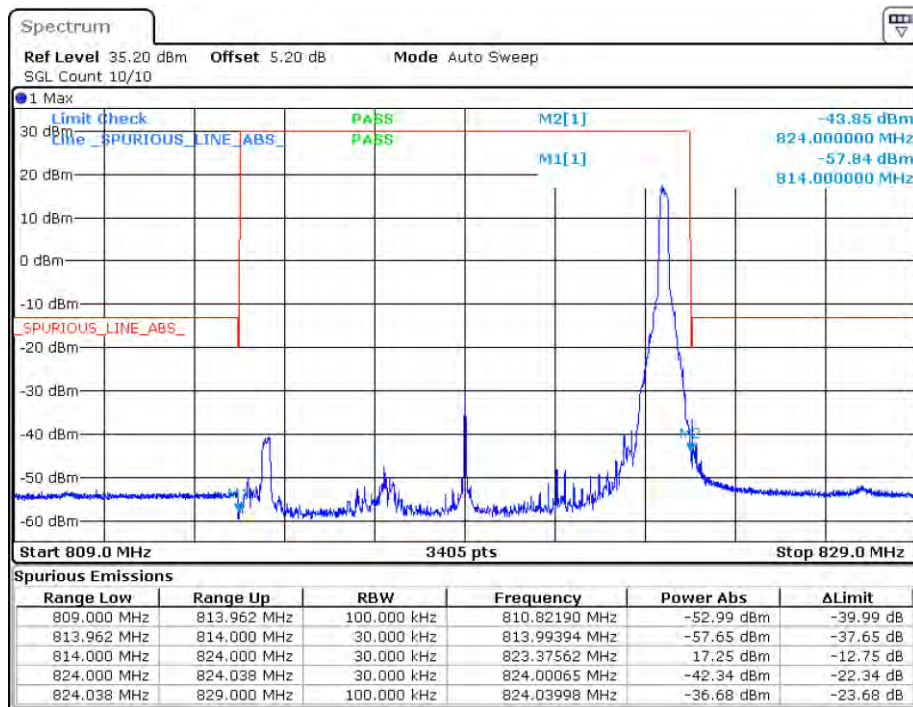
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephones: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band26-10MHz-QPSK-26740-1RB#49



Date: 22.SEP.2020 21:53:36

Band26-10MHz-16QAM-26740-1RB#49



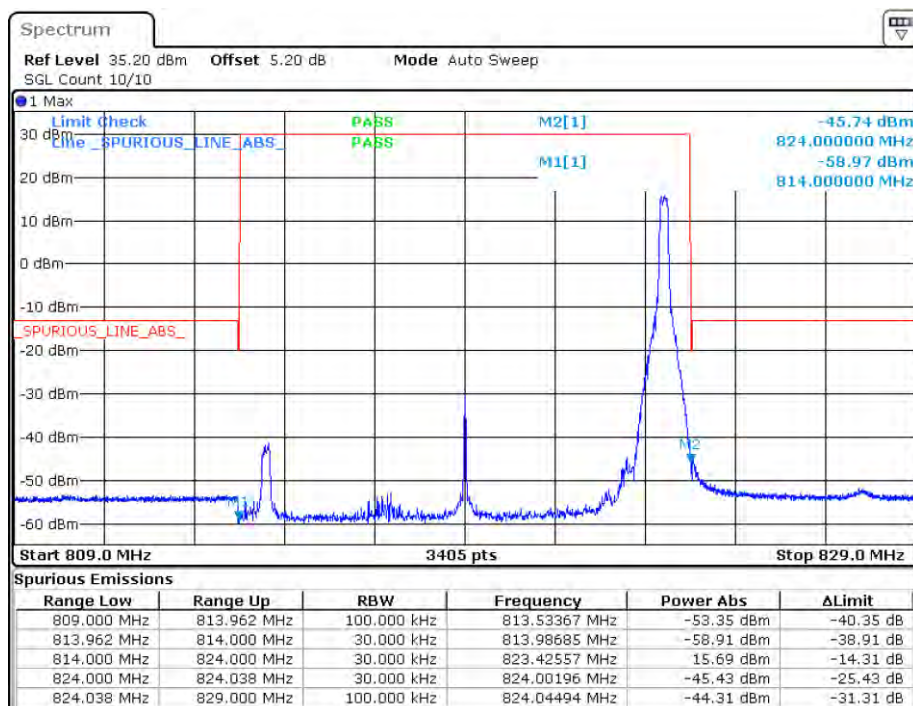
Date: 22.SEP.2020 21:54:52



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

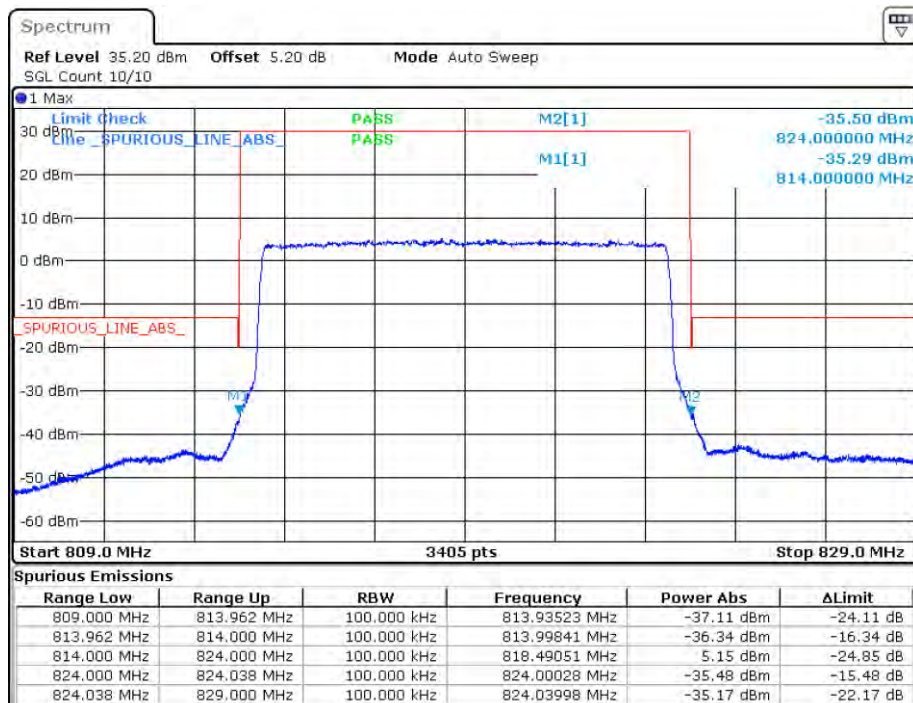
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephones: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band26-10MHz-64QAM-26740-1RB#49



Date: 22.SEP.2020 21:56:09

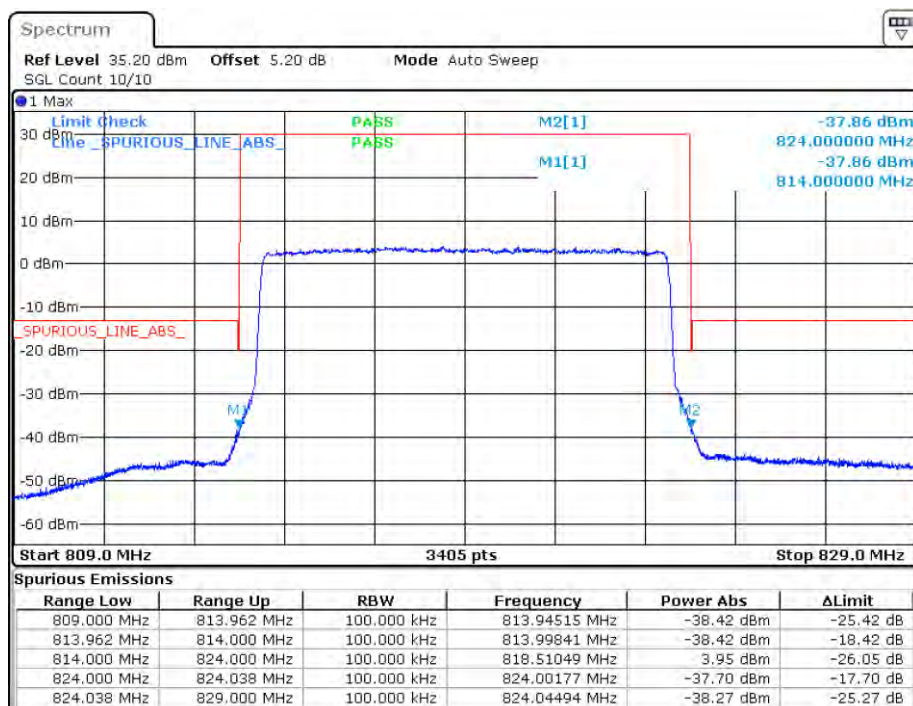
Band26-10MHz-QPSK-26740-50RB#0



Date: 22.SEP.2020 21:56:48

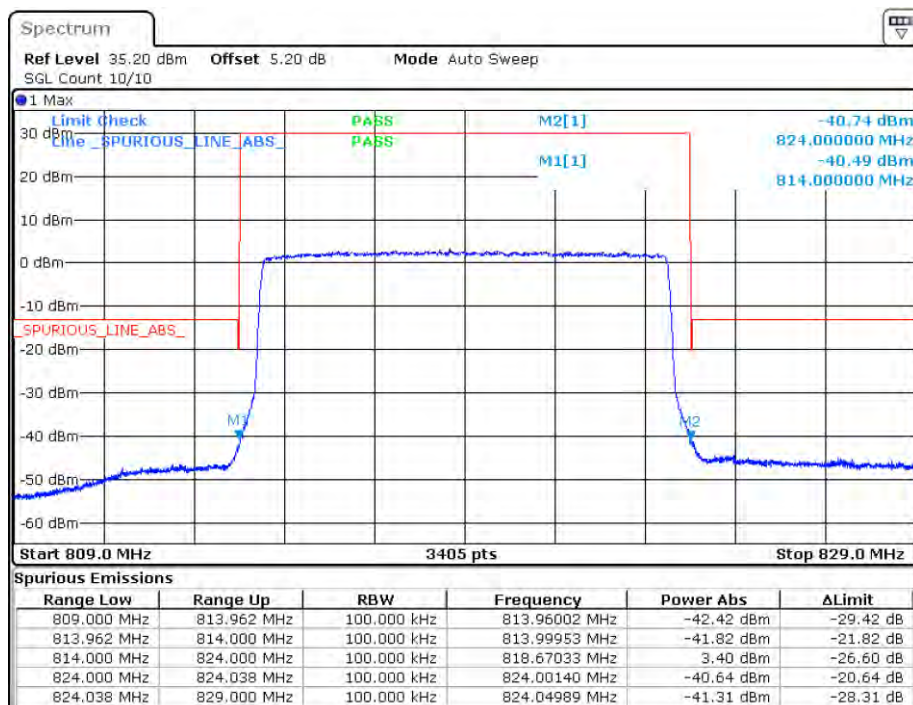


Band26-10MHz-16QAM-26740-50RB#0



Date: 22.SEP.2020 21:57:26

Band26-10MHz-64QAM-26740-50RB#0



Date: 22.SEP.2020 21:58:04



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephones: (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

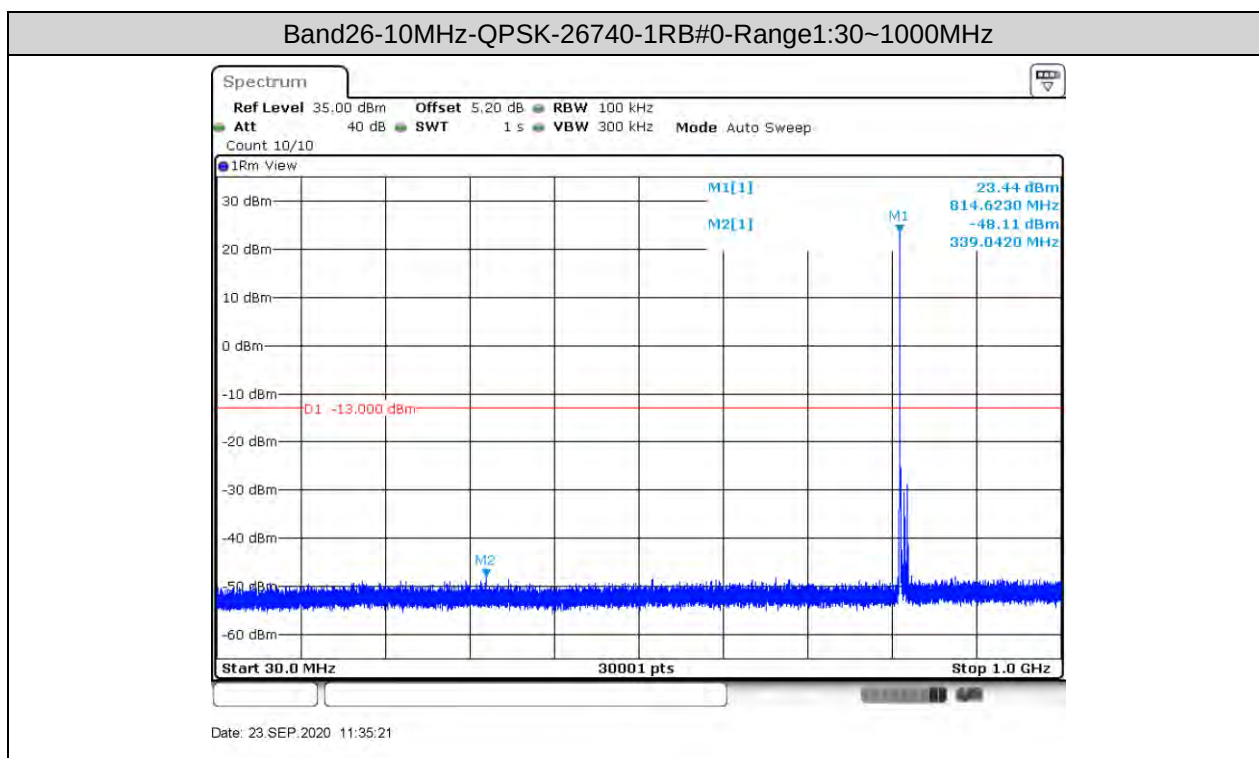


6 Spurious Emission at Antenna Terminal

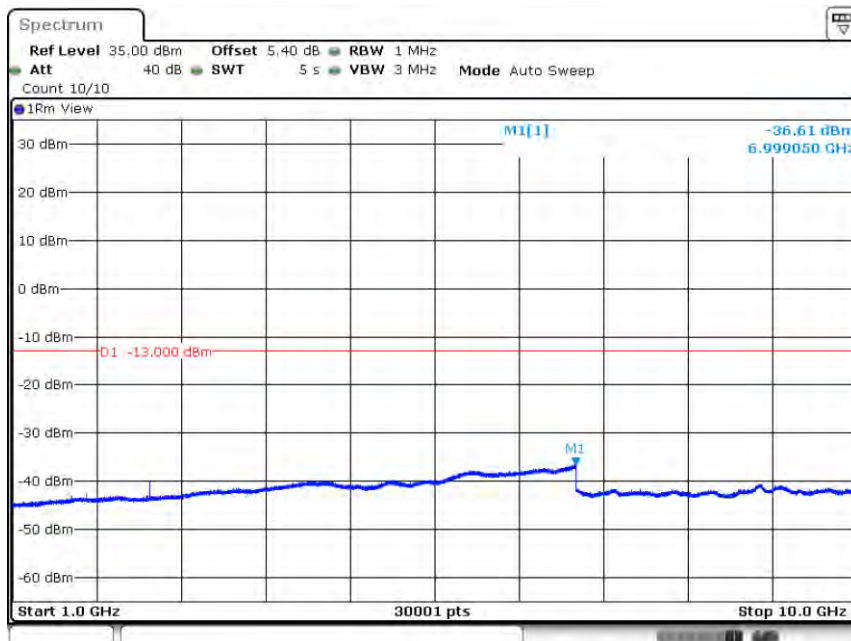
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

Remark2: only the worst case data displayed in this report.

6.1 Test Plots

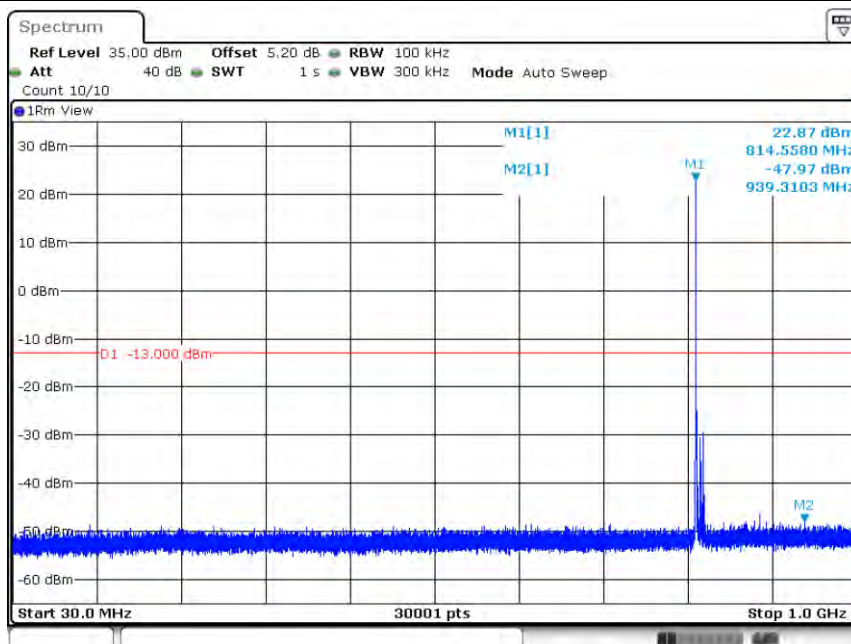


Band26-10MHz-QPSK-26740-1RB#0-Range2:1000~10000MHz



Date: 23 SEP.2020 11:36:29

Band26-10MHz-16QAM-26740-1RB#0-Range1:30~1000MHz



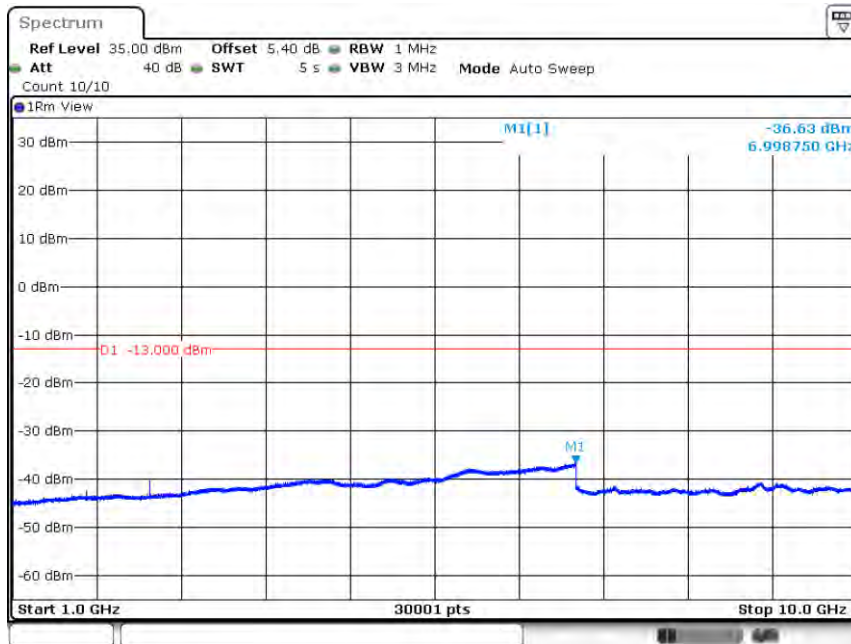
Date: 23 SEP.2020 11:36:51



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

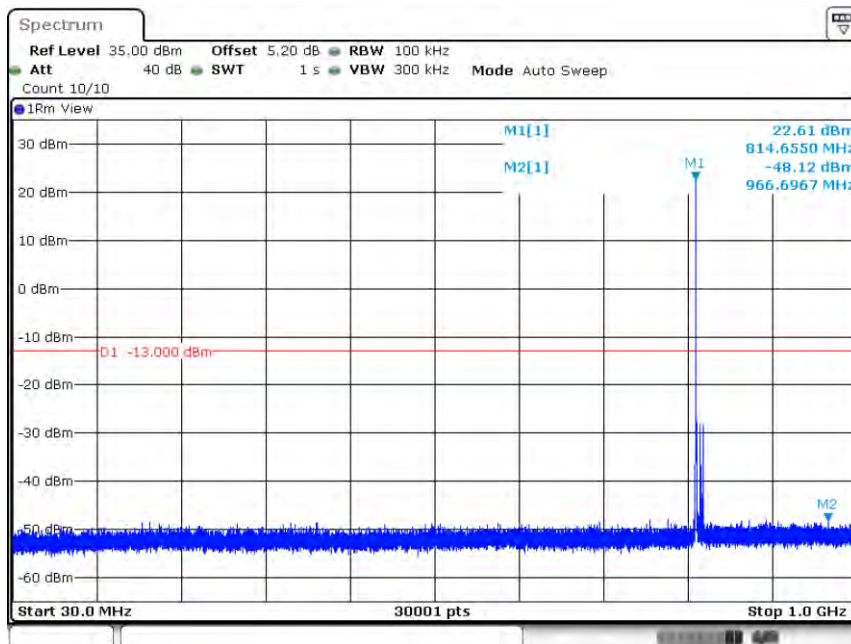
Attention: To check the authenticity of testing/inspection report and certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band26-10MHz-16QAM-26740-1RB#0-Range2:1000~10000MHz



Date: 23.SEP.2020 11:37:59

Band26-10MHz-64QAM-26740-1RB#0-Range1:30~1000MHz

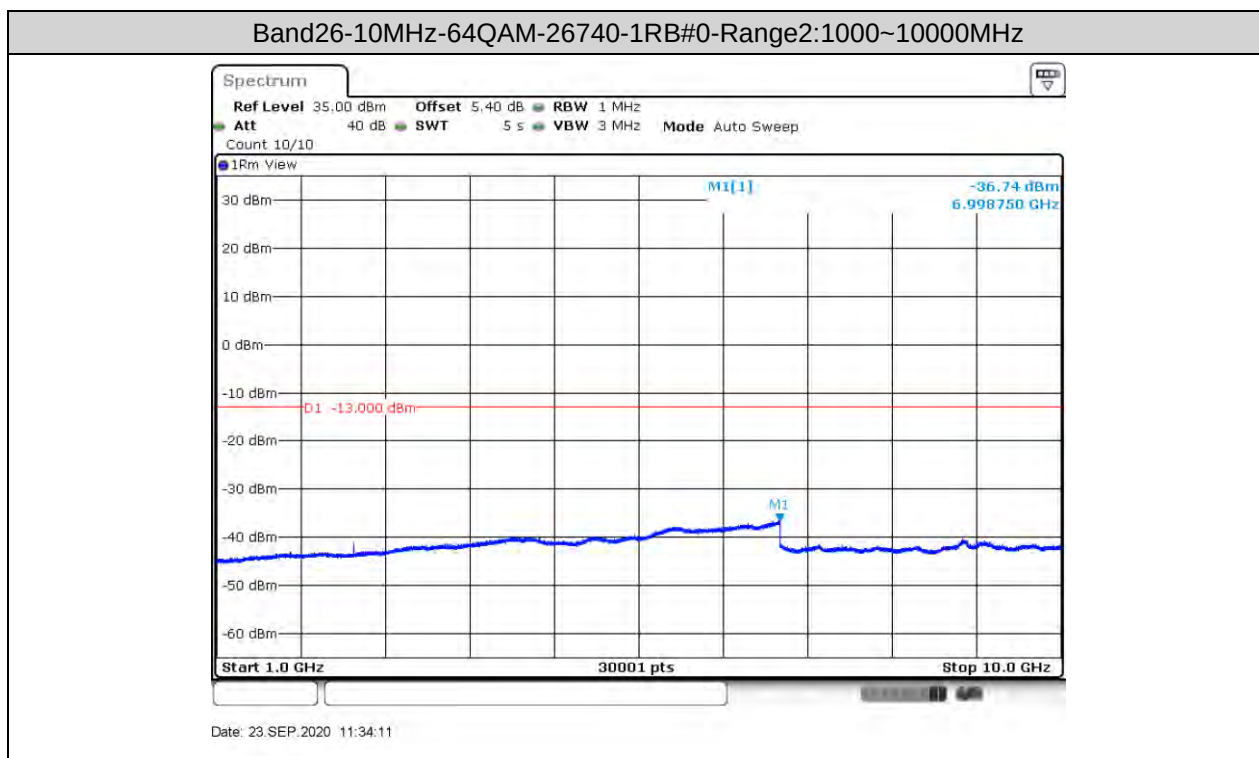


Date: 23.SEP.2020 11:33:03



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

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



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

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



7 Field Strength of Spurious Radiation

7.1 Test Mode =LTE/TM1 10MHz

7.1.1 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
48.620000	-73.65	-13.00	60.65	Vertical
315.133333	-82.38	-13.00	69.38	Vertical
674.675000	-76.21	-13.00	63.21	Vertical
1629.000000	-62.44	-13.00	49.44	Vertical
2444.000000	-57.36	-13.00	44.36	Vertical
4072.500000	-57.96	-13.00	44.96	Vertical
56.413333	-73.49	-13.00	60.49	Horizontal
186.193333	-82.55	-13.00	69.55	Horizontal
474.658333	-78.12	-13.00	65.12	Horizontal
1629.000000	-63.81	-13.00	50.81	Horizontal
2443.500000	-57.64	-13.00	44.64	Horizontal
4072.500000	-54.87	-13.00	41.87	Horizontal

Remark:

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



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

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



8 Frequency Stability

8.1 Frequency Vs Voltage

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	VL	NT	11.10	0.013553	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VN	NT	8.10	0.009890	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VH	NT	6.80	0.008303	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VL	NT	18.30	0.022344	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VN	NT	9.60	0.011722	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VH	NT	5.00	0.006105	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	VL	NT	17.10	0.020879	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	VN	NT	21.00	0.025641	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	VH	NT	32.10	0.039194	±2.5	PASS

8.2 Frequency Vs Temperature

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	NV	-30	13.20	0.016117	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-20	17.00	0.020757	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-10	15.30	0.018681	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	0	8.80	0.010745	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	10	14.60	0.017827	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	20	12.20	0.014896	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	30	13.20	0.016117	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	40	11.10	0.013553	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	50	11.80	0.014408	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	-30	8.00	0.009768	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	-20	11.40	0.013919	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	-10	13.90	0.016972	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	0	16.00	0.019536	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	10	16.70	0.020391	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	20	12.40	0.015140	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	30	5.40	0.006593	±2.5	PASS



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

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



Band26	10MHz	16QAM	26740	50RB#0	NV	40	9.80	0.011966	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	50	10.20	0.012454	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	-30	32.80	0.040049	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	-20	33.30	0.040659	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	-10	24.30	0.029670	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	0	16.20	0.019780	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	10	20.10	0.024542	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	20	29.90	0.036508	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	30	25.40	0.031013	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	40	40.70	0.049695	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	50	21.60	0.026374	±2.5	PASS

The End



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

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

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