



Appendix B

E-UTRA BAND 12



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

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

CONTENT

1. EFFECTIVE (ISOTROPIC) RADIATED POWER	3
1.1. Test Result	3
2. PEAK-TO-AVERAGE RATIO(CCDF).....	8
2.1. Test Result	8
2.2. Test Plots.....	8
3. MODULATION CHARACTERISTICS	12
3.1. Test BAND = LTE BAND12	12
3.1.1. Test Mode = LTE /TM1 10MHz.....	12
3.1.1.1. Test Channel = MCH.....	12
3.1.2. Test Mode = LTE /TM2 10MHz.....	13
3.1.2.1. 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.....	27
5.1. Test Plots.....	27
6. SPURIOUS EMISSION AT ANTENNA TERMINAL.....	43
6.1. Test Plots.....	43
7. FIELD STRENGTH OF SPURIOUS RADIATION.....	49
7.1. Test BAND = LTE BAND 12	49
7.1.1. Test Mode =LTE/TM1 10MHz.....	49
7.1.1.1. Test Channel = LCH.....	49
7.1.1.2. Test Channel = MCH.....	49
7.1.1.3. Test Channel = HCH	50
7.1.1.4. Spot Check worse mode.....	50
8. FREQUENCY STABILITY.....	52
8.1. Frequency Vs Voltage	52
8.2. Frequency Vs Temperature	52



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

or email: CN.Doccheck@sgs.com



1. Effective (Isotropic) Radiated Power

1.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.22	24.33	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.50	24.61	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.34	24.45	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.62	24.73	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.56	24.67	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.46	24.57	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.54	23.65	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.42	24.53	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.64	24.75	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.54	24.65	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.44	24.55	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.61	24.72	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.65	24.76	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.55	23.66	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.22	24.33	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.39	24.50	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.49	24.60	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.40	24.51	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.49	24.60	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.48	24.59	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.47	23.58	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.20	23.31	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.21	23.32	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.01	23.12	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.82	23.93	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.64	23.75	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.60	23.71	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.47	22.58	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.96	23.07	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.20	23.31	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.91	23.02	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.71	23.82	34.77	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



Band12	1.4MHz	16QAM	23095	3RB#1	22.78	23.89	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.68	23.79	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.46	22.57	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.07	23.18	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.18	23.29	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.95	23.06	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.68	23.79	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.59	23.70	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.61	23.72	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.31	22.42	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.57	24.68	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.49	24.60	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.28	24.39	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.39	23.50	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.43	23.54	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.46	23.57	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.50	23.61	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.47	24.58	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.62	24.73	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.36	24.47	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.54	23.65	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.59	23.70	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.51	23.62	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.54	23.65	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.38	24.49	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.18	24.29	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.27	24.38	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.47	23.58	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.33	23.44	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.35	23.46	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.47	23.58	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.07	23.18	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.96	23.07	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.14	23.25	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.18	22.29	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.32	22.43	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.53	22.64	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.71	22.82	34.77	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 (CSTC) Laboratory

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



Band12	3MHz	16QAM	23095	1RB#0	22.06	23.17	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.95	23.06	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.04	23.15	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.23	22.34	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.22	22.33	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.37	22.48	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.66	22.77	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.88	22.99	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.15	23.26	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.99	23.10	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.17	22.28	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.23	22.34	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.23	22.34	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.28	22.39	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.37	24.48	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.30	24.41	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.47	24.58	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.44	23.55	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.49	23.60	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.47	23.58	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.43	23.54	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.24	24.35	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.81	24.92	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.18	24.29	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.47	23.58	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.66	23.77	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.43	23.54	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.53	23.64	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.32	24.43	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.22	24.33	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.80	23.91	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.44	23.55	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.35	23.46	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.26	23.37	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.45	23.56	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.02	23.13	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.34	23.45	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.07	23.18	34.77	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



Band12	5MHz	16QAM	23035	12RB#0	21.45	22.56	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.55	22.66	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.40	22.51	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.55	22.66	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.00	23.11	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.60	23.71	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.88	22.99	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.45	22.56	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.51	22.62	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.17	22.28	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.64	22.75	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.05	23.16	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.30	23.41	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.01	23.12	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.27	22.38	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.45	22.56	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.18	22.29	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.35	22.46	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.19	24.30	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.97	25.08	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.27	24.38	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.42	23.53	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.68	23.79	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.48	23.59	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.46	23.57	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.25	24.36	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	24.30	25.41	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.87	23.98	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.66	23.77	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.80	23.91	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.41	23.52	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.47	23.58	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.36	24.47	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	24.01	25.12	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.72	23.83	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.73	23.84	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.57	23.68	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.39	23.50	34.77	PASS



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

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



Band12	10MHz	QPSK	23130	50RB#0	22.41	23.52	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.04	23.15	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.14	23.25	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.02	23.13	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.51	22.62	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.59	22.70	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.49	22.60	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.61	22.72	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.06	23.17	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.28	23.39	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.11	23.22	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.60	22.71	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.55	22.66	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.39	22.50	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.50	22.61	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.23	23.34	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.25	23.36	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.94	23.05	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.63	22.74	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.54	22.65	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.46	22.57	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.41	22.52	34.77	PASS

Remark:

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

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b: SGP=Signal Generator Level



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

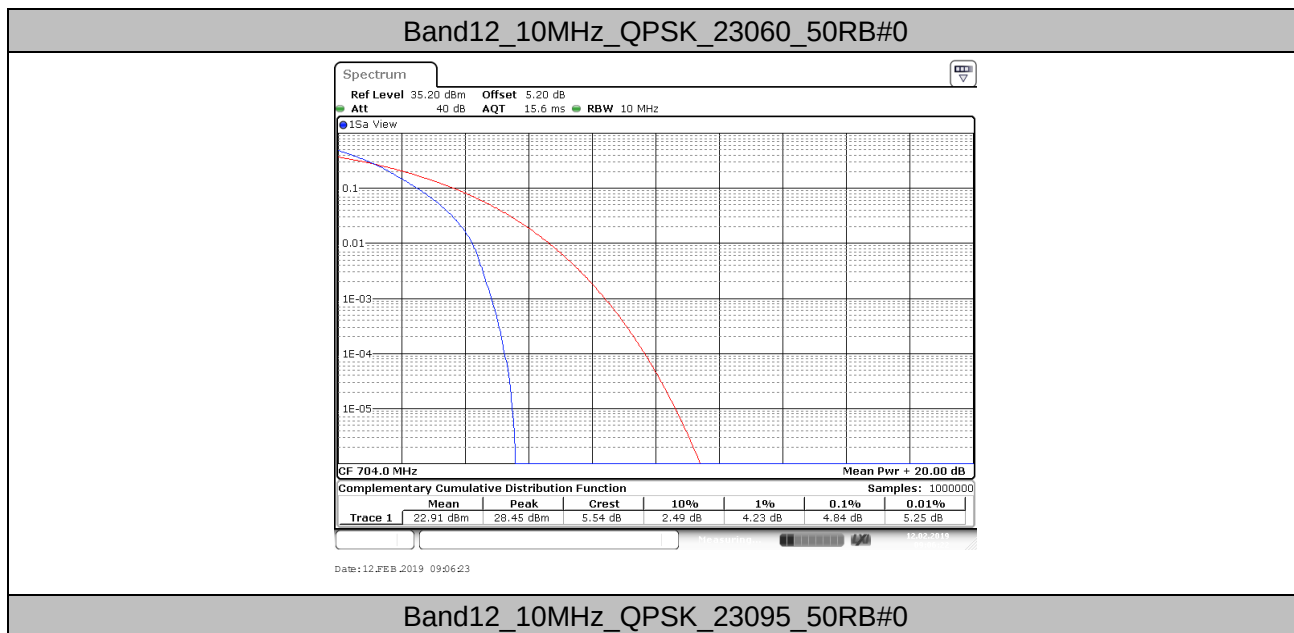
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

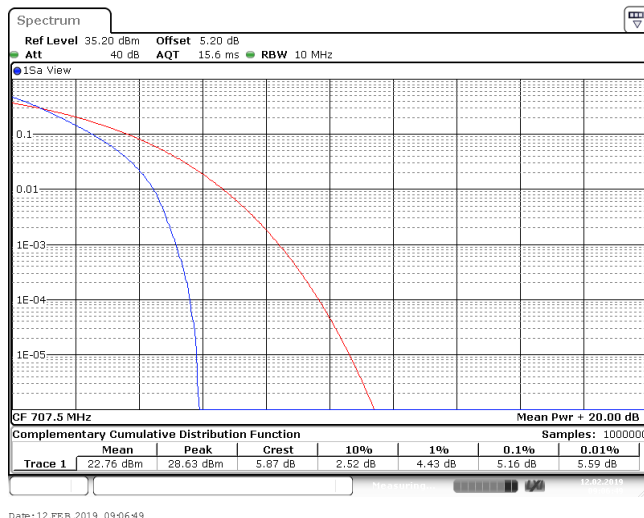
2. Peak-to-Average Ratio(CCDF)

2.1.Test Result

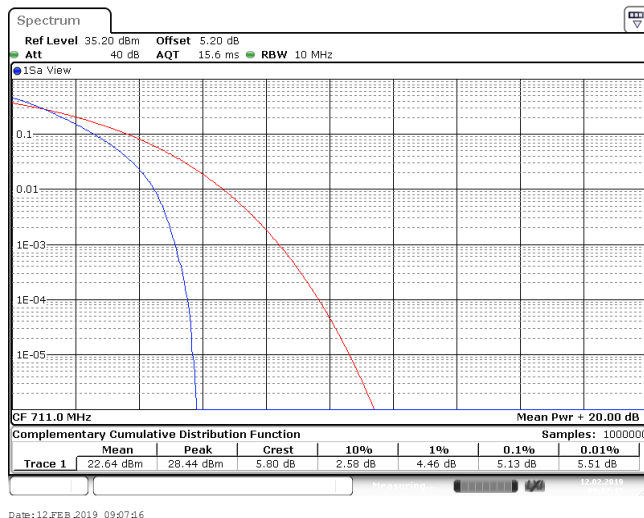
BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	4.84	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.16	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.13	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.86	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.00	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.12	13	PASS

2.2.Test Plots



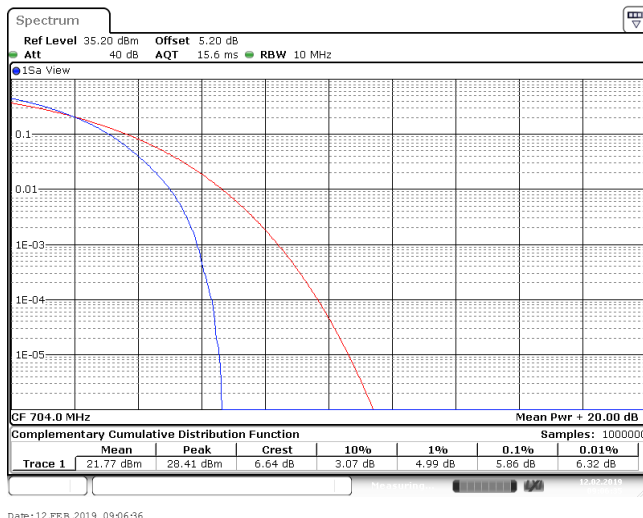


Band12_10MHz_QPSK_23130_50RB#0



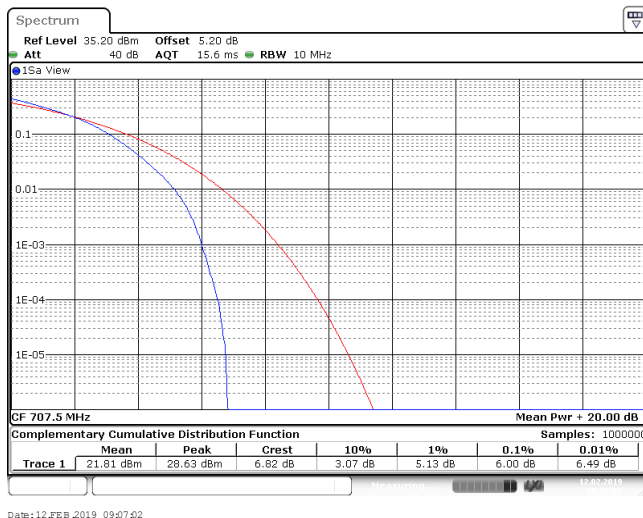
Band12_10MHz_16QAM_23060_50RB#0





Date: 12.FEB.2019 09:06:36

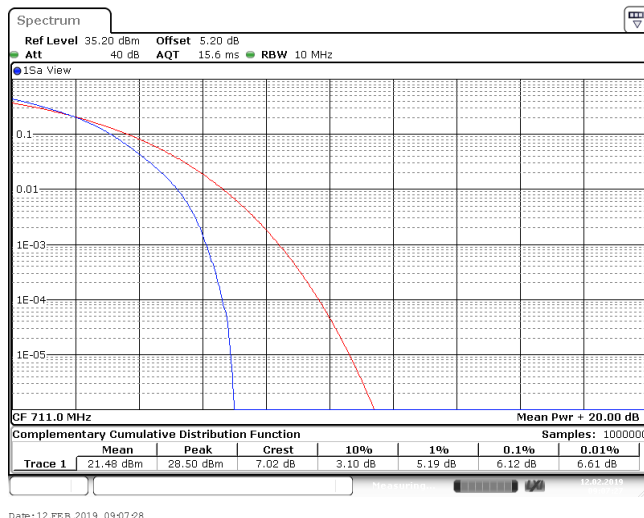
Band12_10MHz_16QAM_23095_50RB#0



Date: 12.FEB.2019 09:07:02

Band12_10MHz_16QAM_23130_50RB#0





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

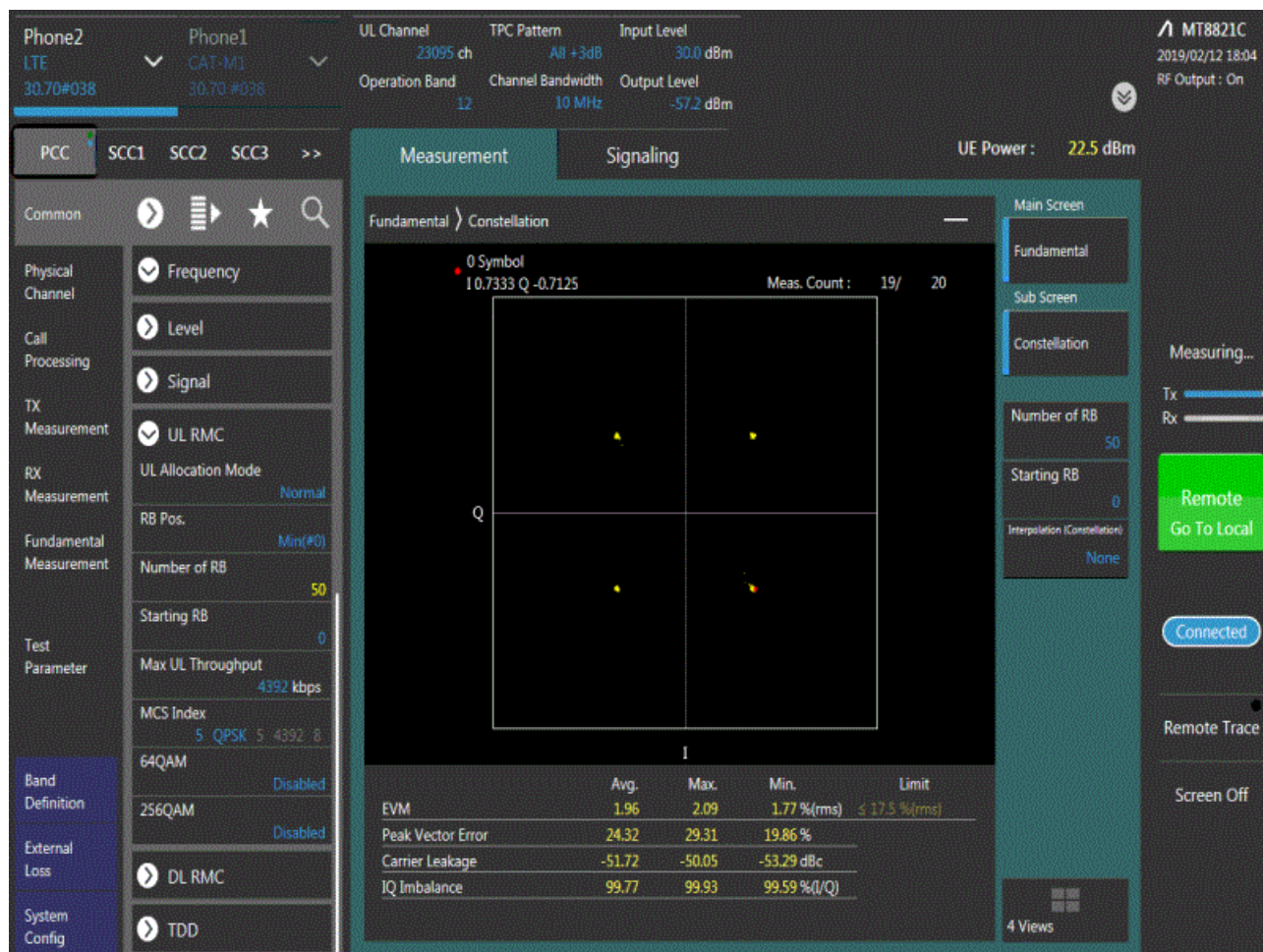
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3. Modulation Characteristics

3.1. Test BAND = LTE BAND12

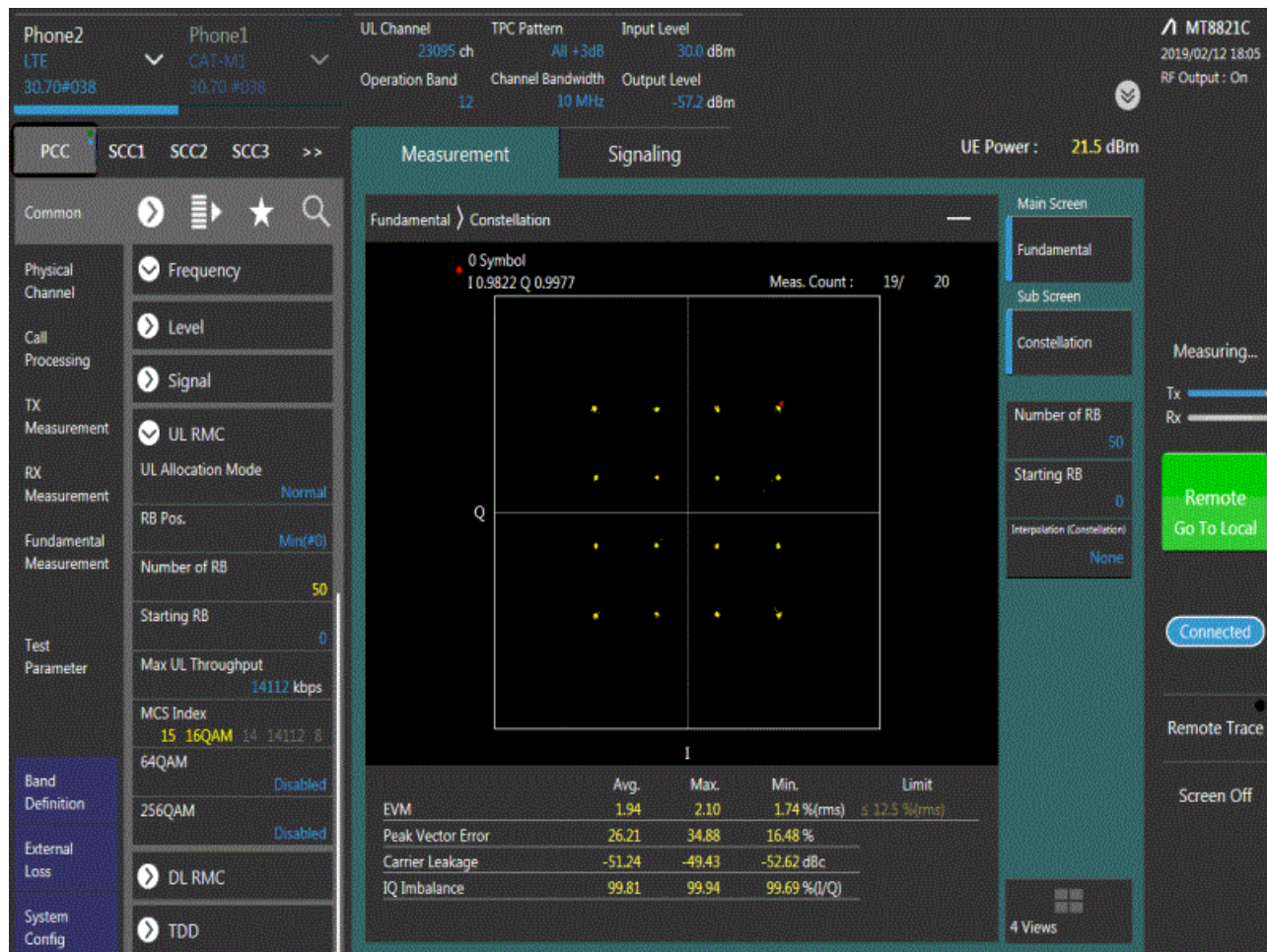
3.1.1. Test Mode = LTE /TM1 10MHz

3.1.1.1. Test Channel = MCH



3.1.2. Test Mode = LTE /TM2 10MHz

3.1.2.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.094	1.290	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.094	1.290	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.091	1.305	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.091	1.290	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.091	1.293	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.088	1.284	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.697	2.982	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.697	2.982	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.691	2.976	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.685	2.976	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.691	2.976	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.685	2.964	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.466	4.920	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.476	4.950	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.466	4.910	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.486	4.940	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.496	4.940	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.476	4.950	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.891	9.640	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.931	9.720	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.931	9.760	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.891	9.580	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.911	9.740	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.931	9.740	PASS



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

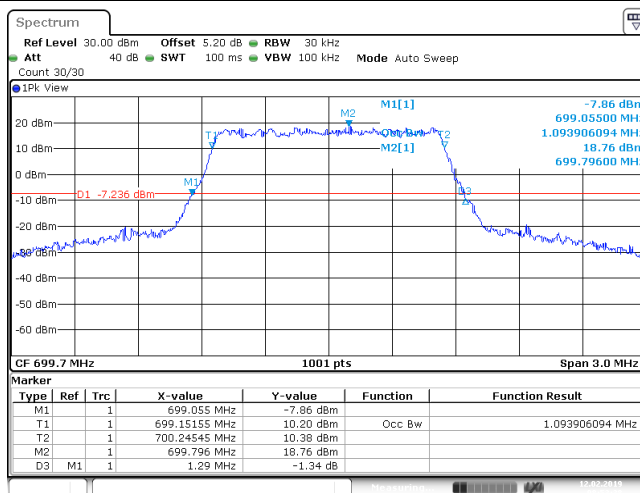
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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

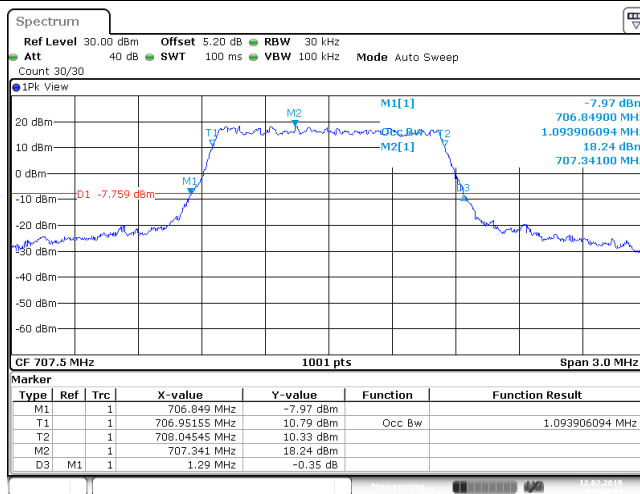
4.2. Test Plots

Band12_1.4MHz_QPSK_23017_6RB#0



Date: 12 FEB 2019 08:53:38

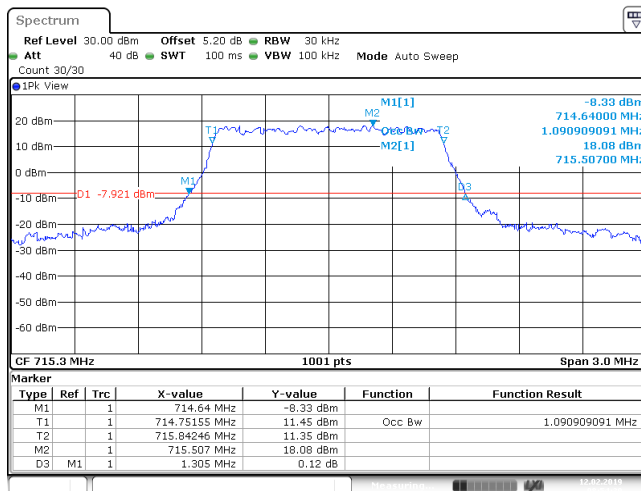
Band12_1.4MHz_QPSK_23095_6RB#0



Date: 12 FEB 2019 08:54:04

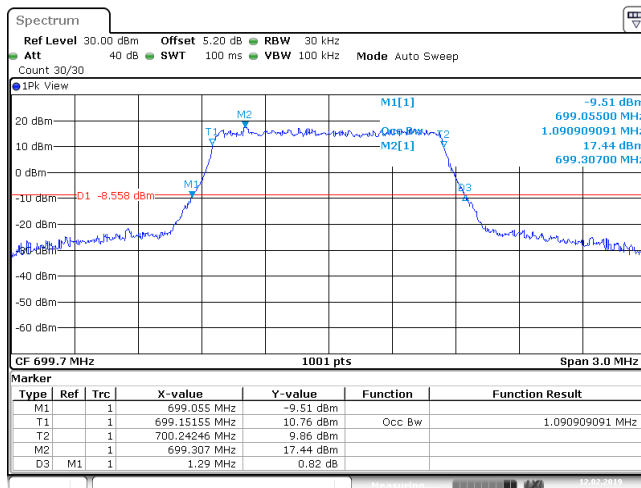
Band12_1.4MHz_QPSK_23173_6RB#0





Date: 12 FEB 2019 08:54:30

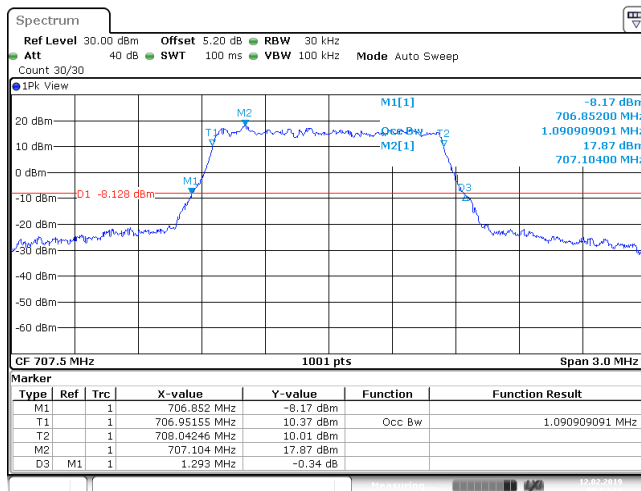
Band12_1.4MHz_16QAM_23017_6RB#0



Date: 12 FEB 2019 08:53:51

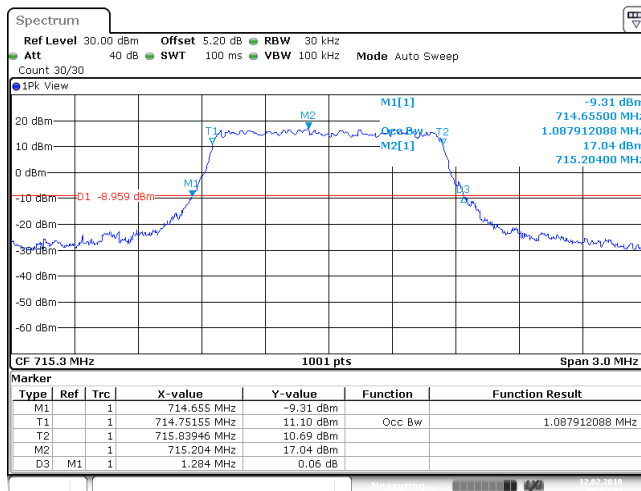
Band12_1.4MHz_16QAM_23095_6RB#0





Date: 12 FEB 2019 08:54:17

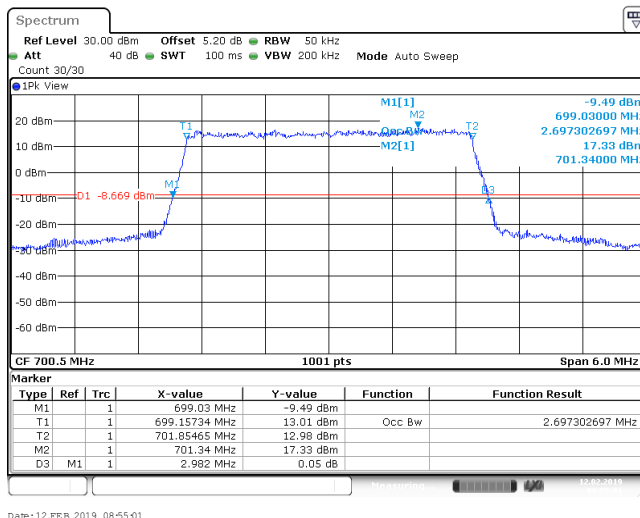
Band12_1.4MHz_16QAM_23173_6RB#0



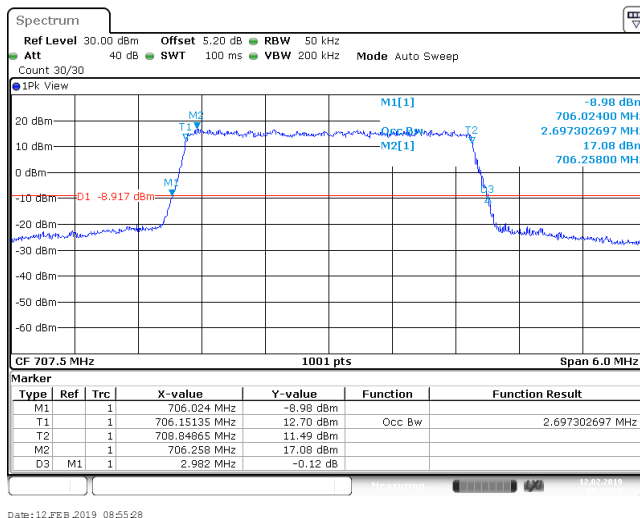
Date: 12 FEB 2019 08:54:43

Band12_3MHz_QPSK_23025_15RB#0





Band12_3MHz_QPSK_23095_15RB#0

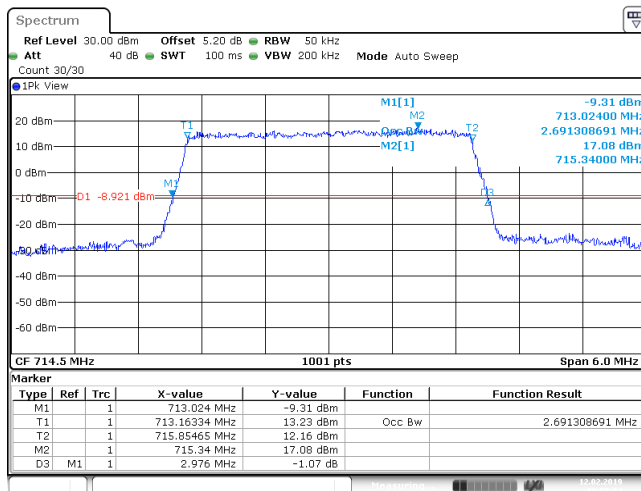


Band12_3MHz_QPSK_23165_15RB#0



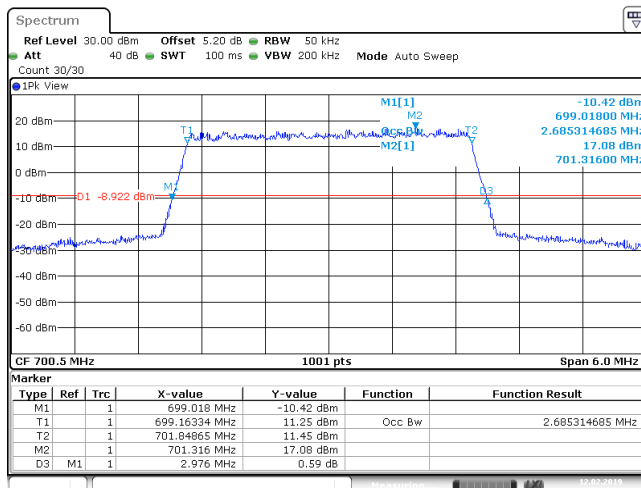
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: 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



Date: 12 FEB 2019 08:55:54

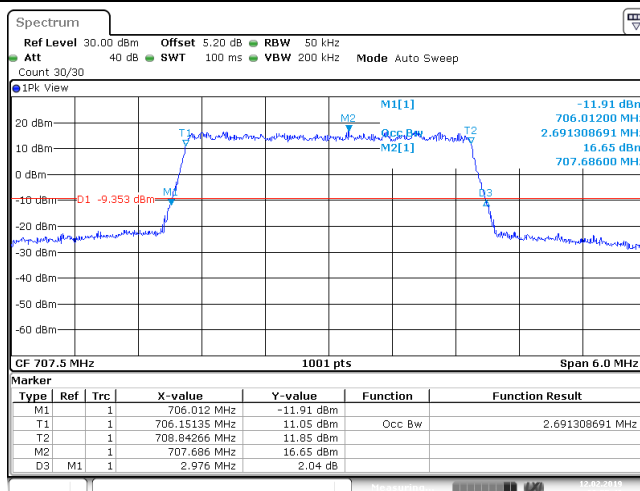
Band12_3MHz_16QAM_23025_15RB#0



Date: 12 FEB 2019 08:55:54

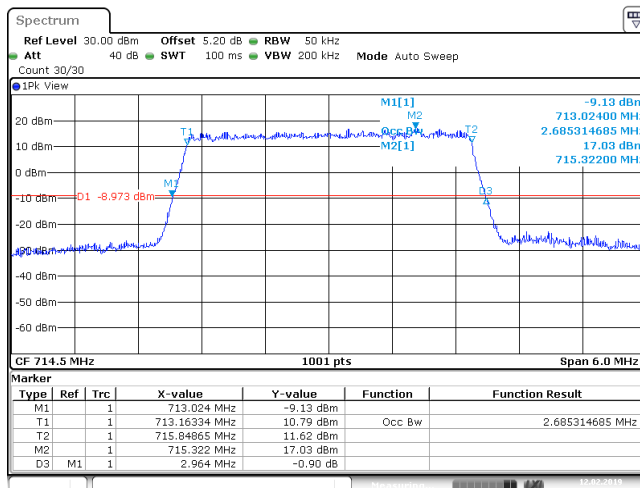
Band12_3MHz_16QAM_23095_15RB#0





Date: 12 FEB 2019 08:55:41

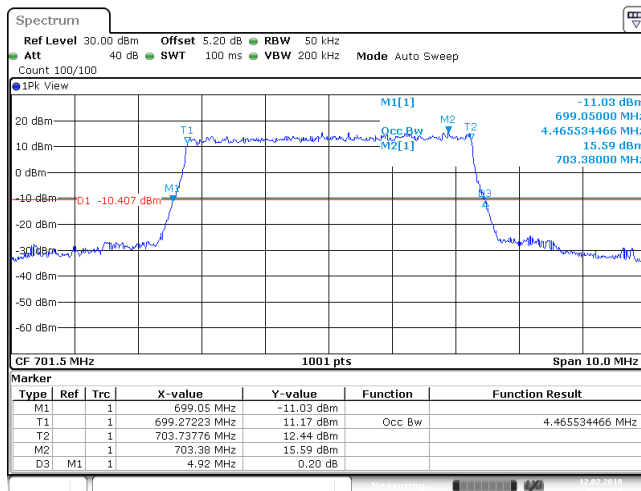
Band12_3MHz_16QAM_23165_15RB#0



Date: 12 FEB 2019 08:56:07

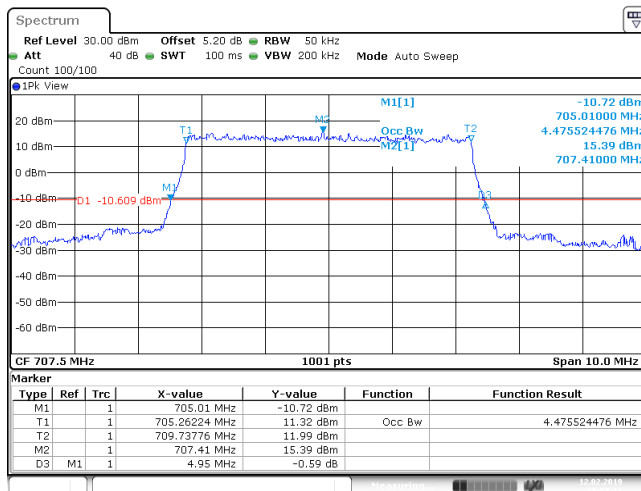
Band12_5MHz_QPSK_23035_25RB#0





Date: 12 FEB 2019 08:56:32

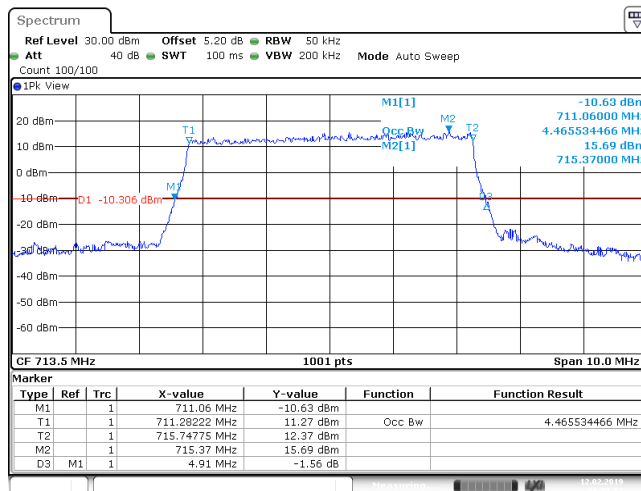
Band12_5MHz_QPSK_23095_25RB#0



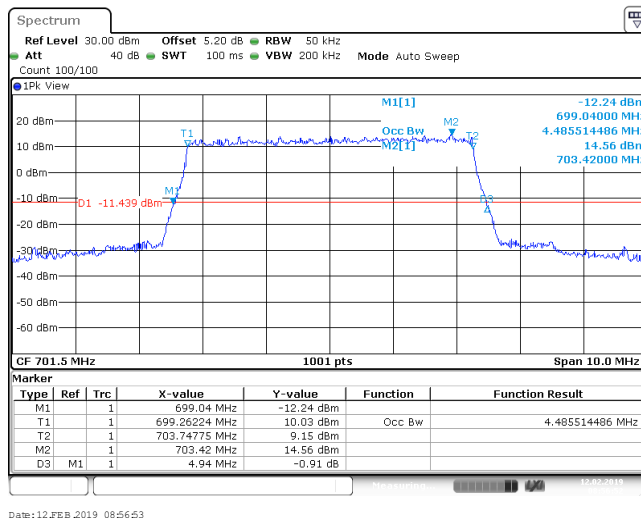
Date: 12 FEB 2019 08:57:13

Band12_5MHz_QPSK_23155_25RB#0



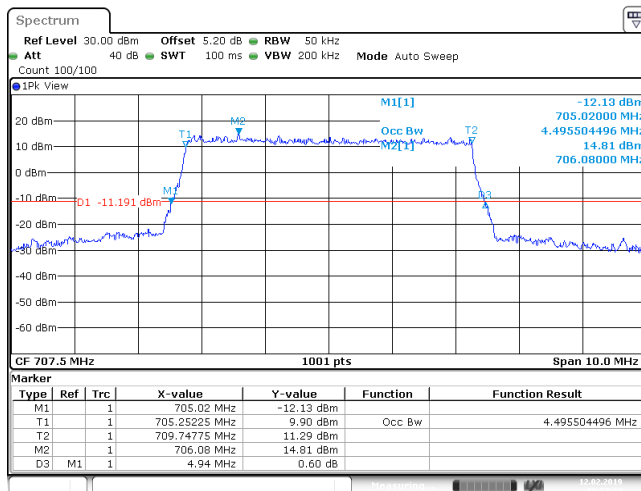


Band12_5MHz_16QAM_23035_25RB#0



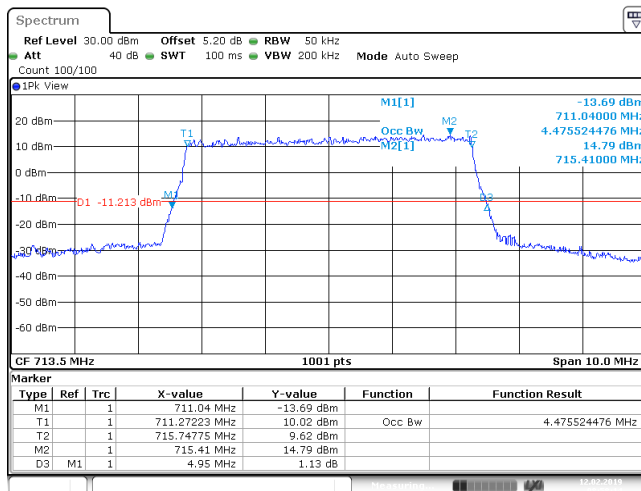
Band12_5MHz_16QAM_23095_25RB#0





Date: 12 FEB 2019 08:57:33

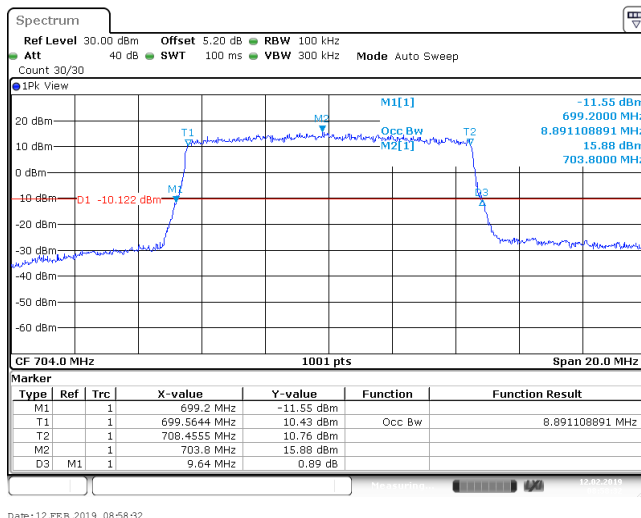
Band12_5MHz_16QAM_23155_25RB#0



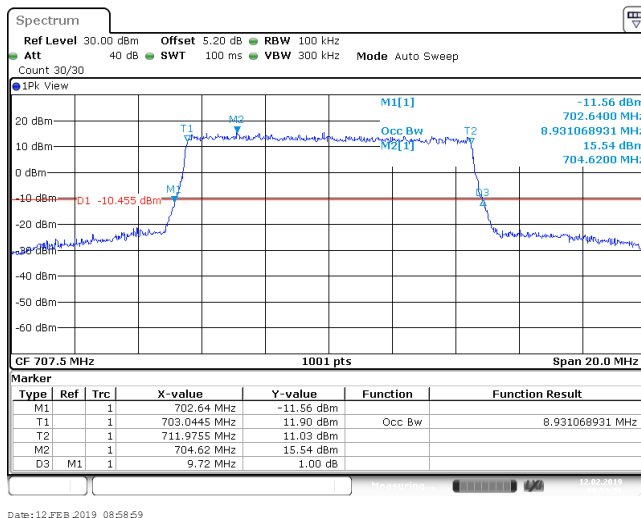
Date: 12 FEB 2019 08:58:14

Band12_10MHz_QPSK_23060_50RB#0





Band12_10MHz_QPSK_23095_50RB#0

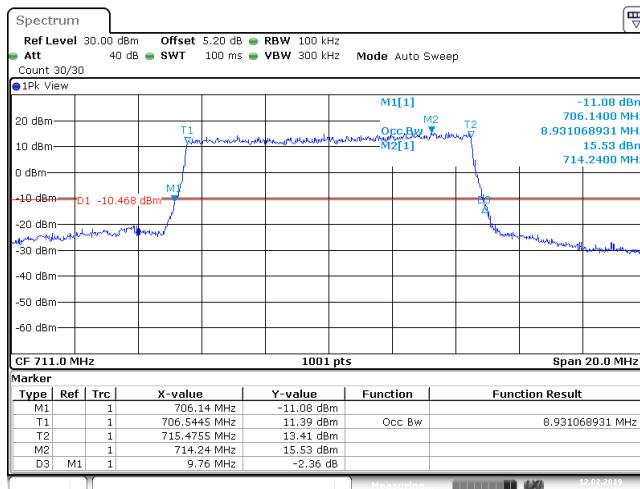


Band12_10MHz_QPSK_23130_50RB#0



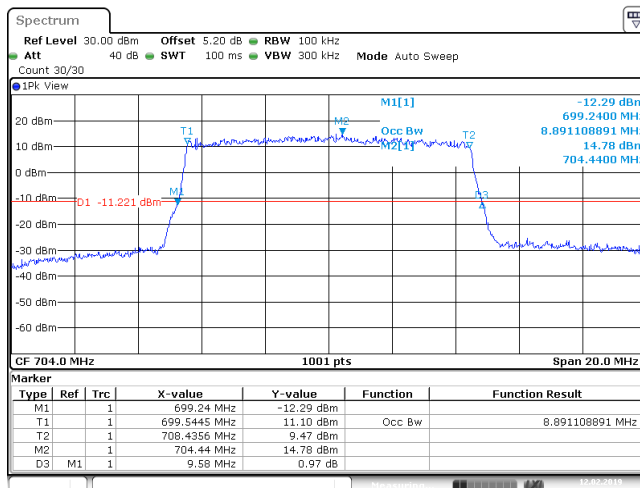
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Date: 12 FEB 2019 08:59:25

Band12_10MHz_16QAM_23060_50RB#0



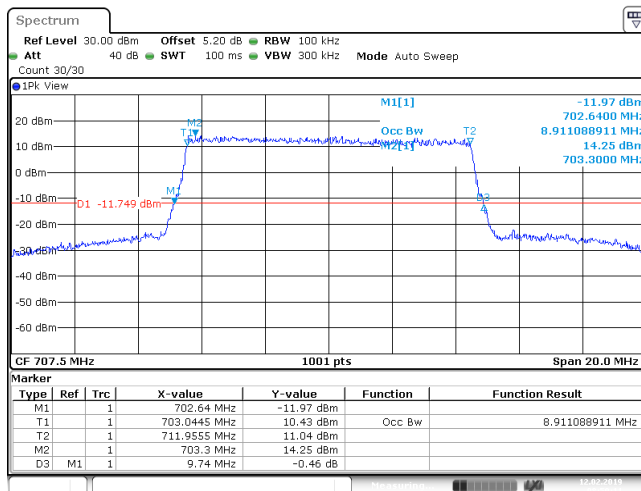
Date: 12 FEB 2019 08:58:45

Band12_10MHz_16QAM_23095_50RB#0



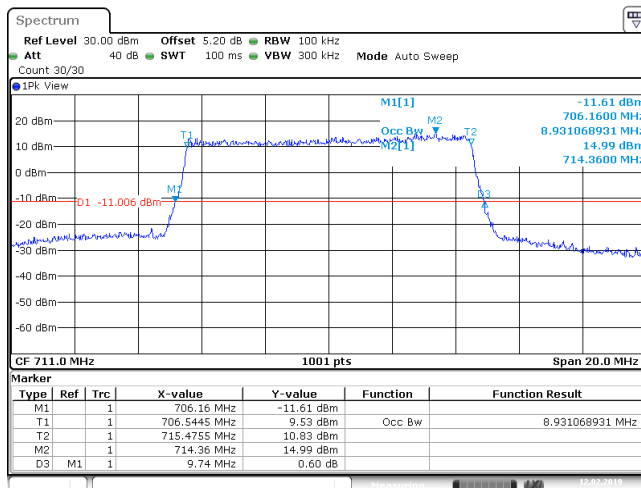
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: 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



Date: 12 FEB 2019 08:59:12

Band12_10MHz_16QAM_23130_50RB#0



Date: 12 FEB 2019 08:59:39

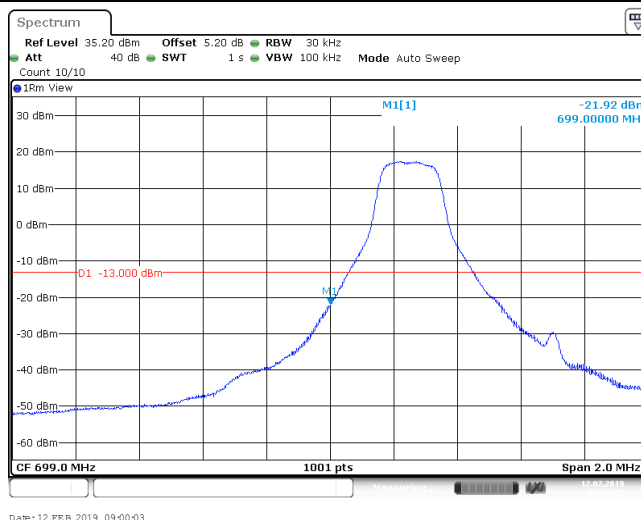




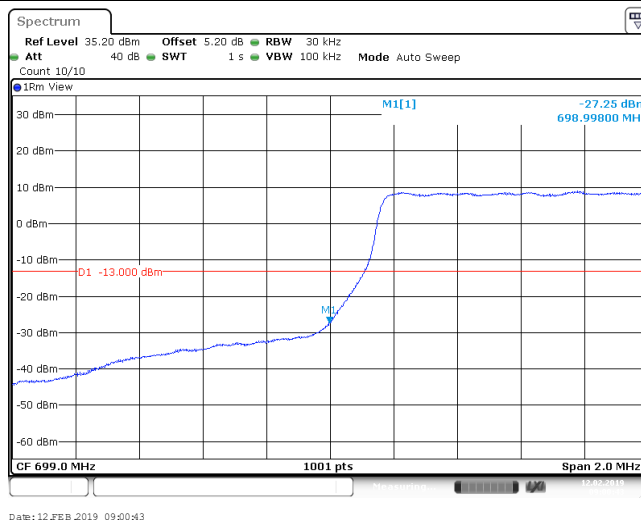
5. Band Edge Compliance

5.1. Test Plots

Band12_1.4MHz_QPSK_23017_1RB#0

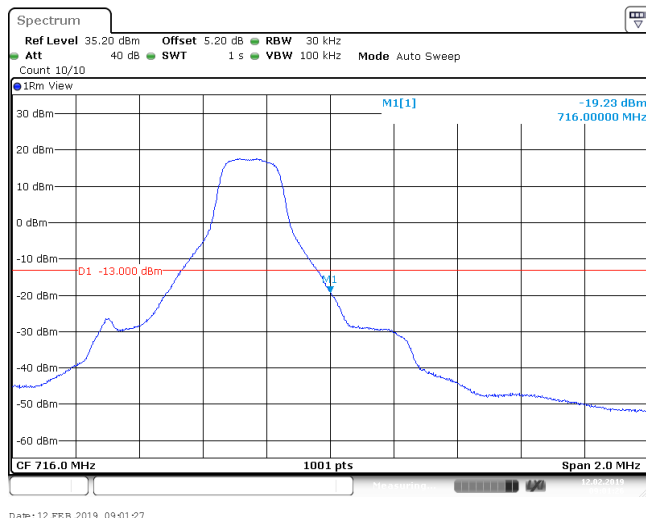


Band12_1.4MHz_QPSK_23017_6RB#0



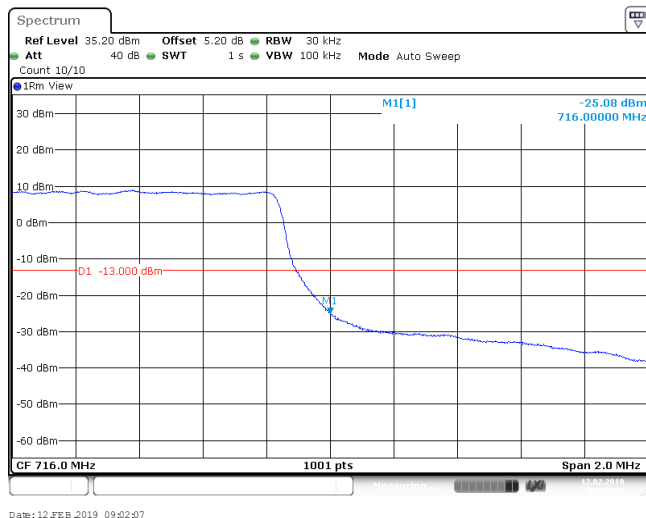
Band12_1.4MHz_QPSK_23173_1RB#5





Date: 12 FEB 2019 09:01:27

Band12_1.4MHz_QPSK_23173_6RB#0



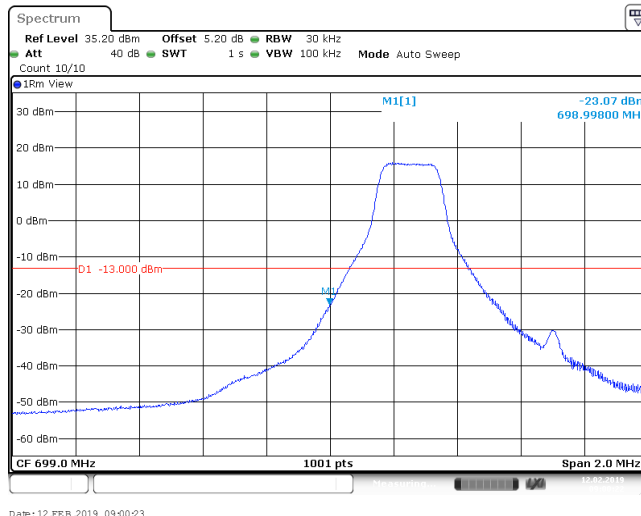
Date: 12 FEB 2019 09:02:07

Band12_1.4MHz_16QAM_23017_1RB#0

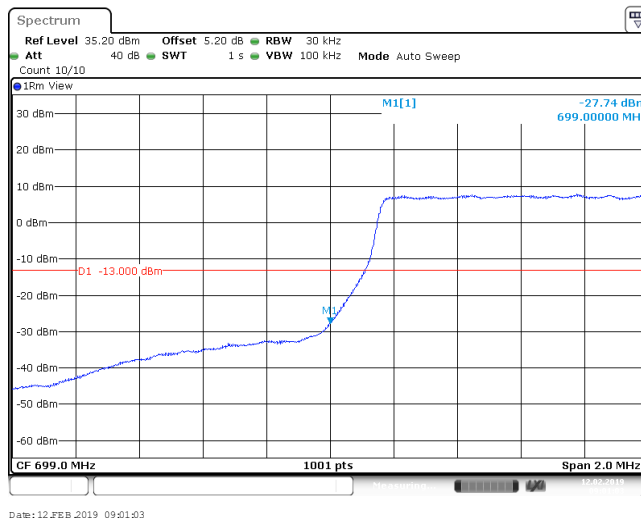


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: 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



Band12_1.4MHz_16QAM_23017_6RB#0



Band12_1.4MHz_16QAM_23173_1RB#5

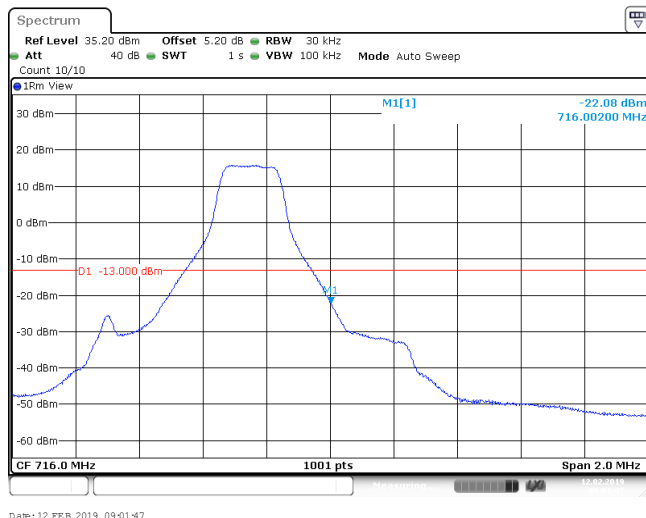


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

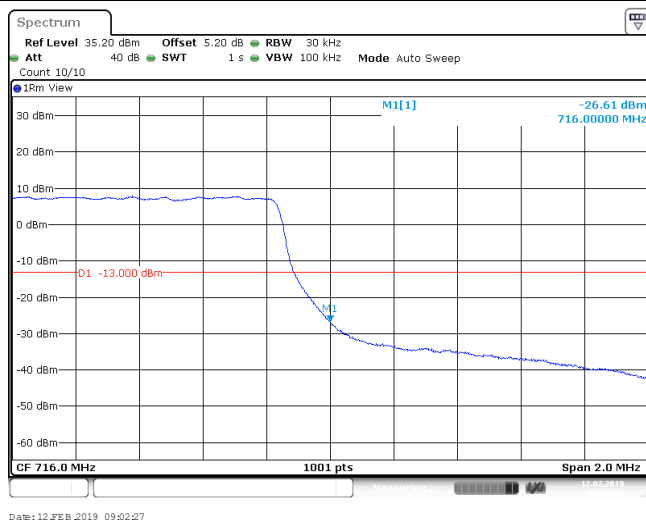
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

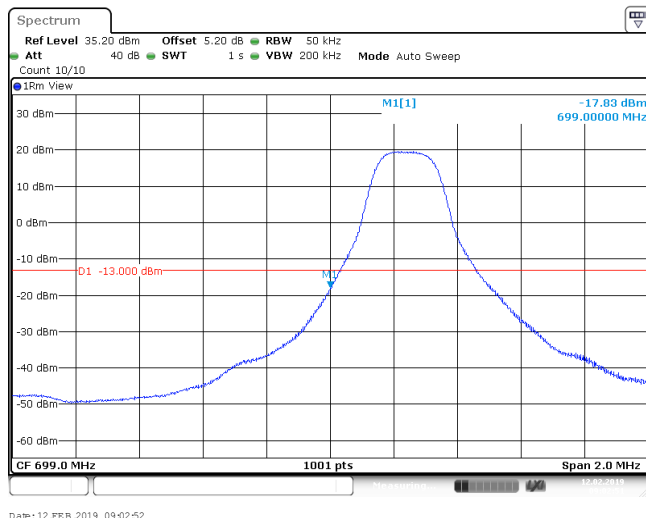


Band12_1.4MHz_16QAM_23173_6RB#0

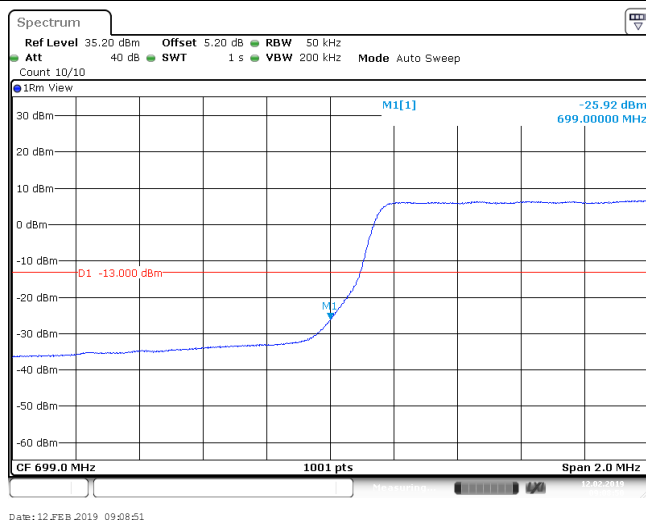


Band12_3MHz_QPSK_23025_1RB#0



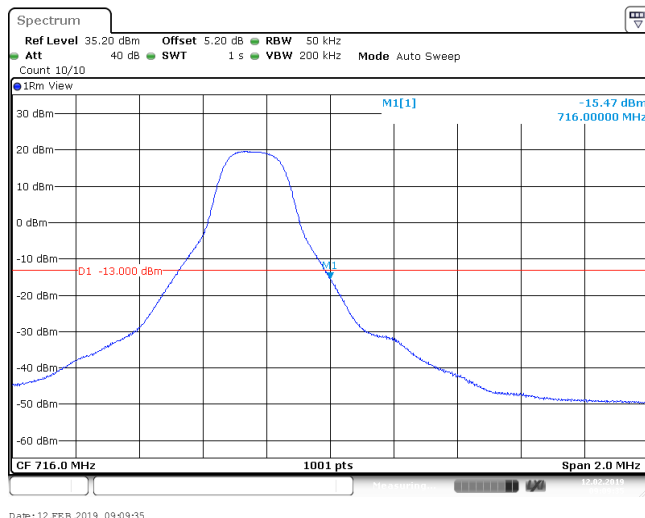


Band12_3MHz_QPSK_23025_15RB#0

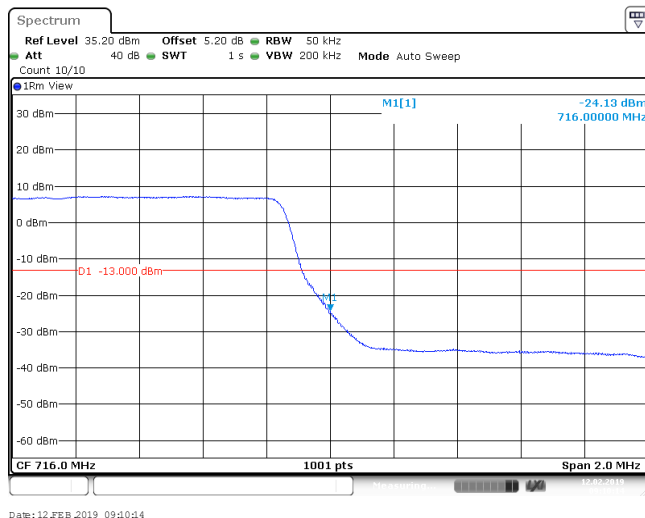


Band12_3MHz_QPSK_23165_1RB#14



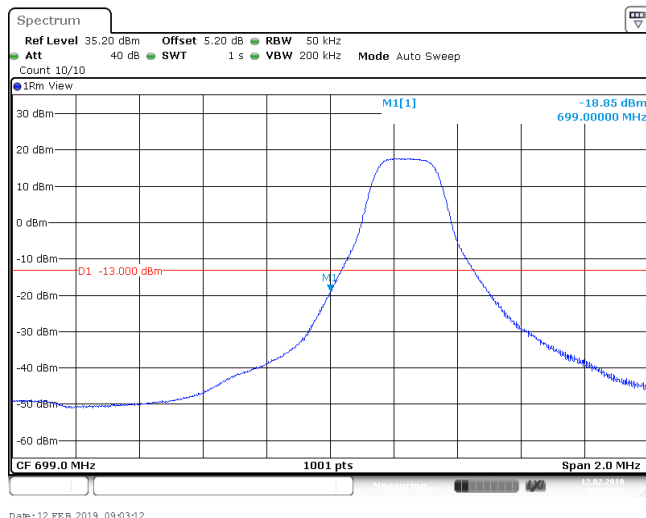


Band12_3MHz_QPSK_23165_15RB#0

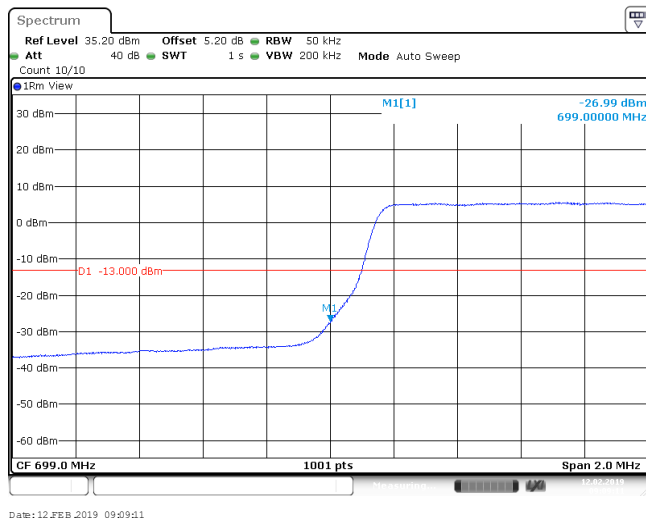


Band12_3MHz_16QAM_23025_1RB#0



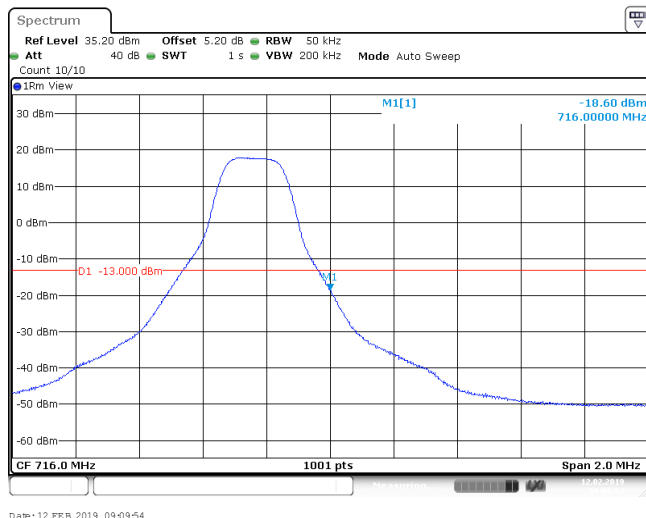


Band12_3MHz_16QAM_23025_15RB#0

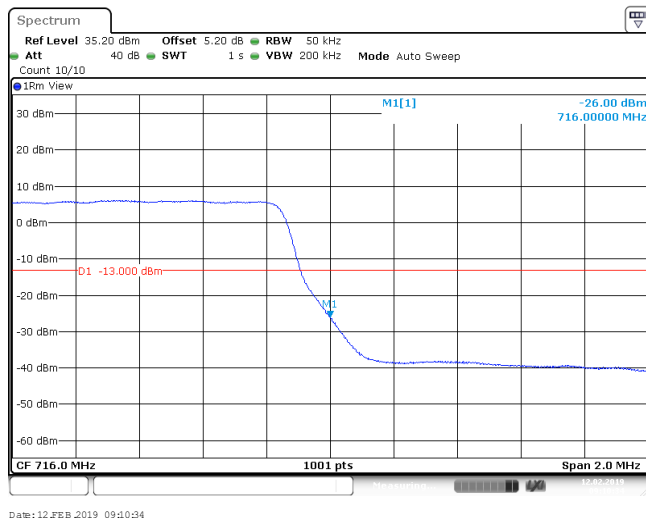


Band12_3MHz_16QAM_23165_1RB#14



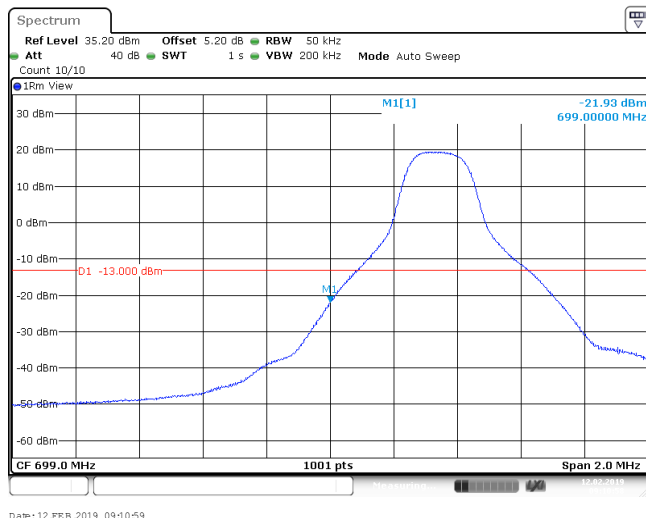


Band12_3MHz_16QAM_23165_15RB#0

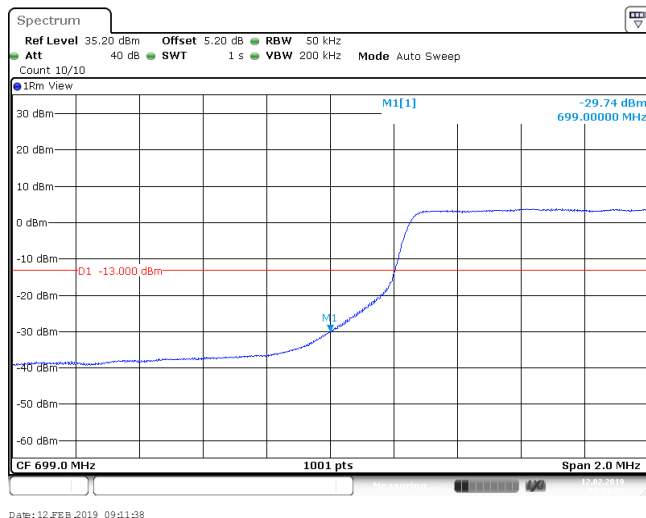


Band12_5MHz_QPSK_23035_1RB#0



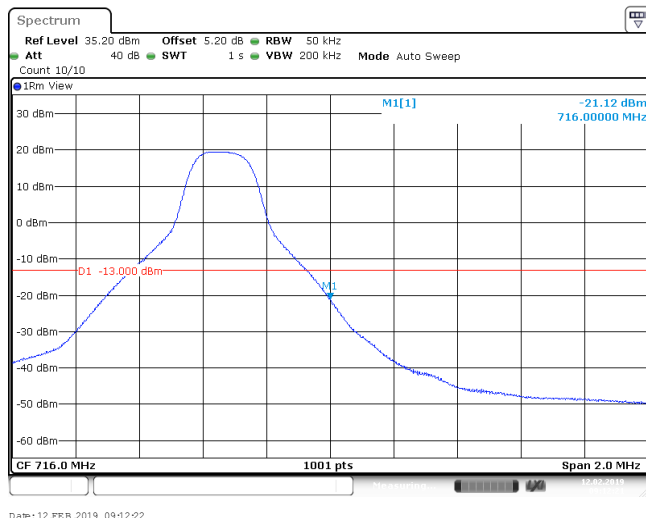


Band12_5MHz_QPSK_23035_25RB#0

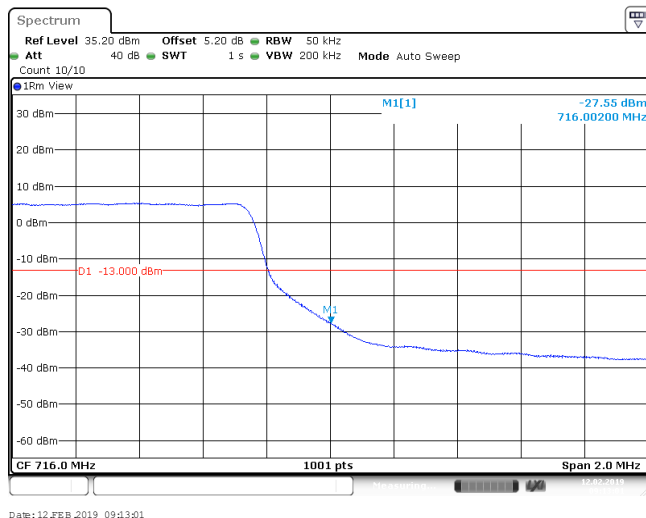


Band12_5MHz_QPSK_23155_1RB#24





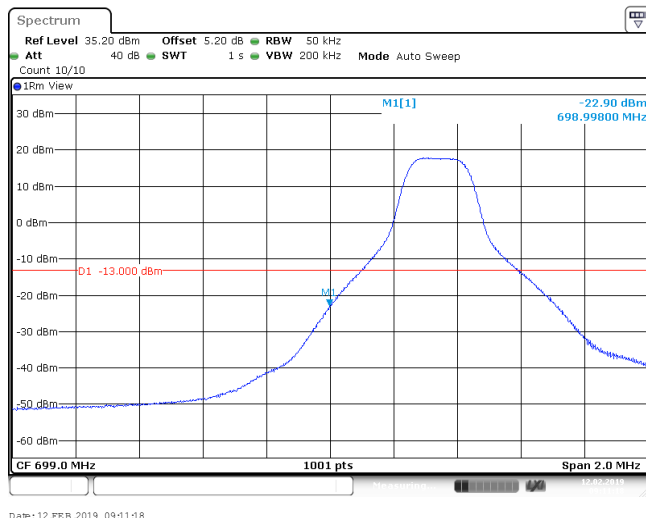
Band12_5MHz_QPSK_23155_25RB#0



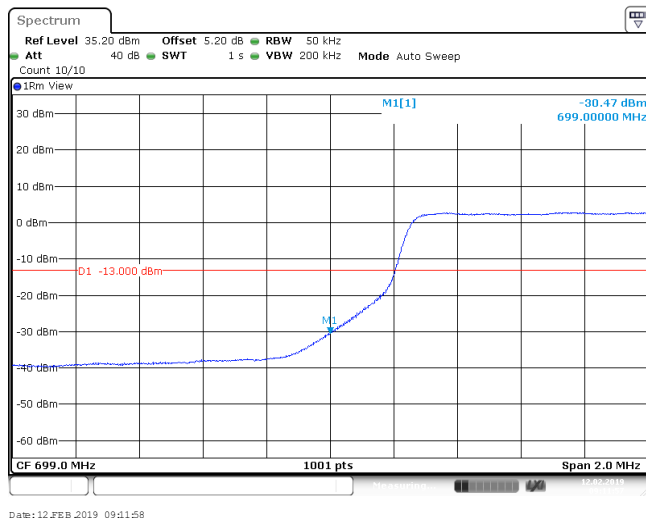
Band12_5MHz_16QAM_23035_1RB#0



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



Band12_5MHz_16QAM_23035_25RB#0



Band12_5MHz_16QAM_23155_1RB#24

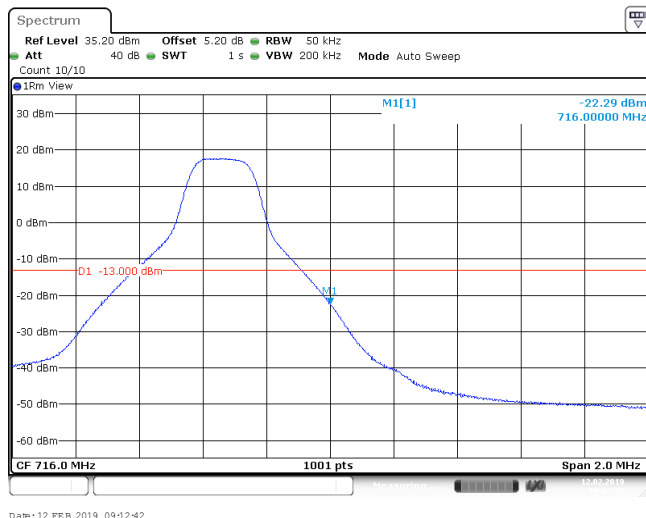


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

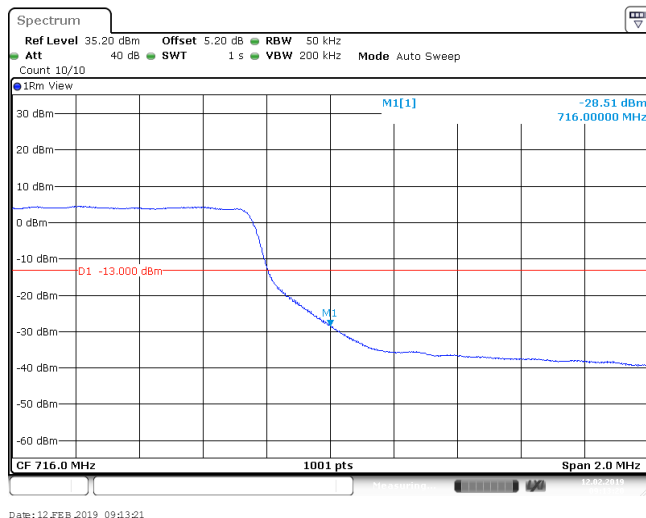
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

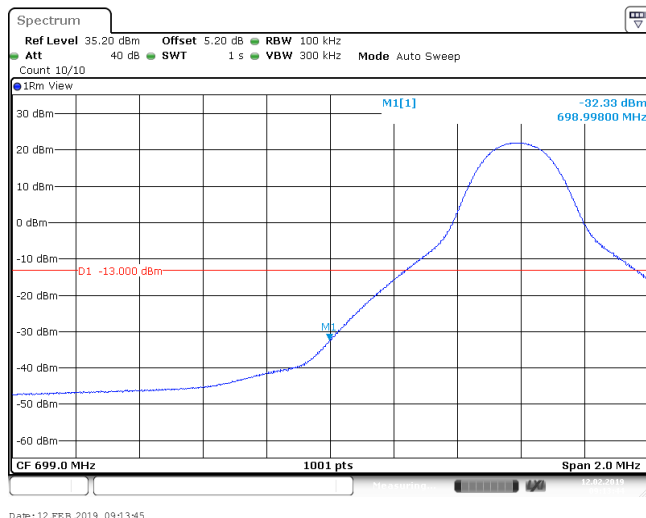


Band12_5MHz_16QAM_23155_25RB#0

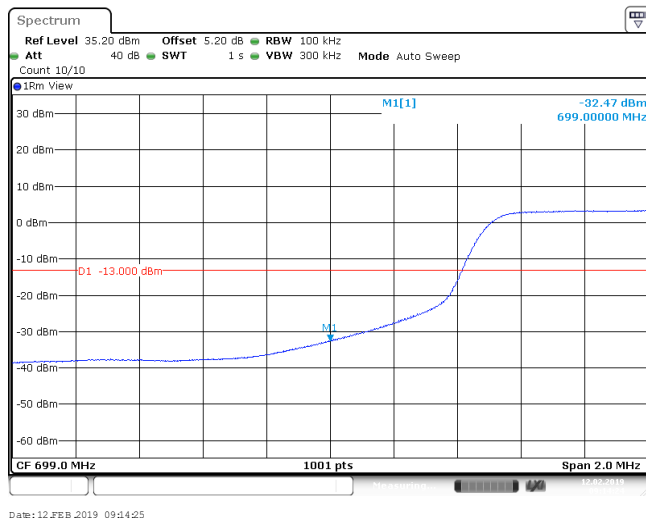


Band12_10MHz_QPSK_23060_1RB#0





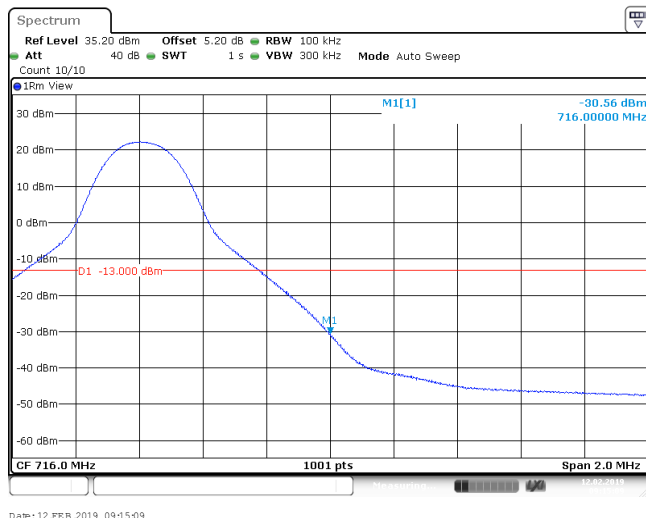
Band12_10MHz_QPSK_23060_50RB#0



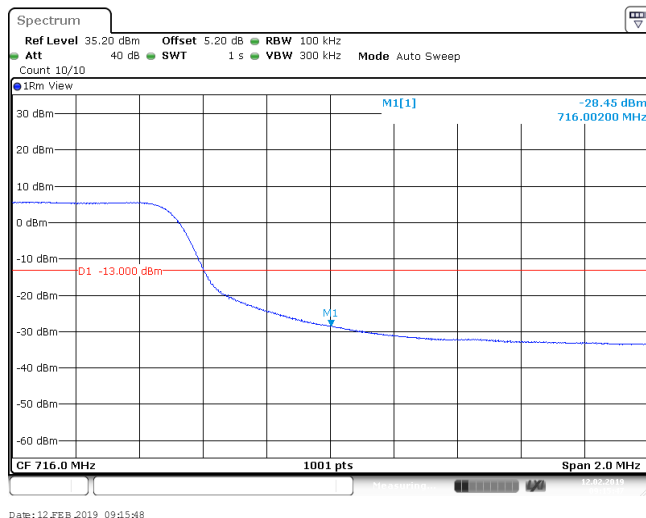
Band12_10MHz_QPSK_23130_1RB#49



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

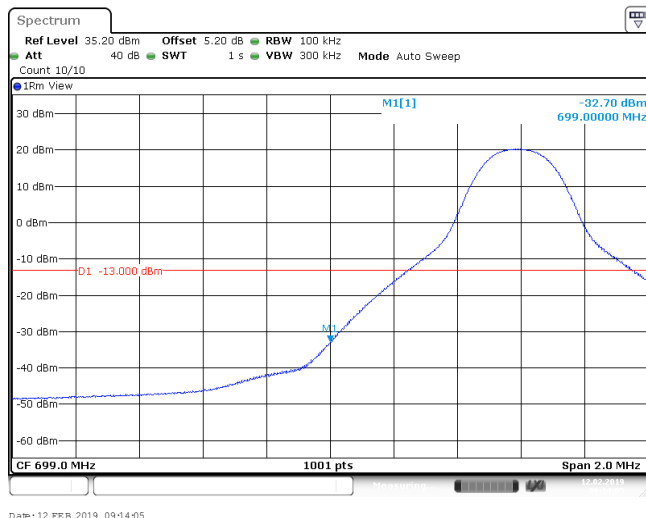


Band12_10MHz_QPSK_23130_50RB#0

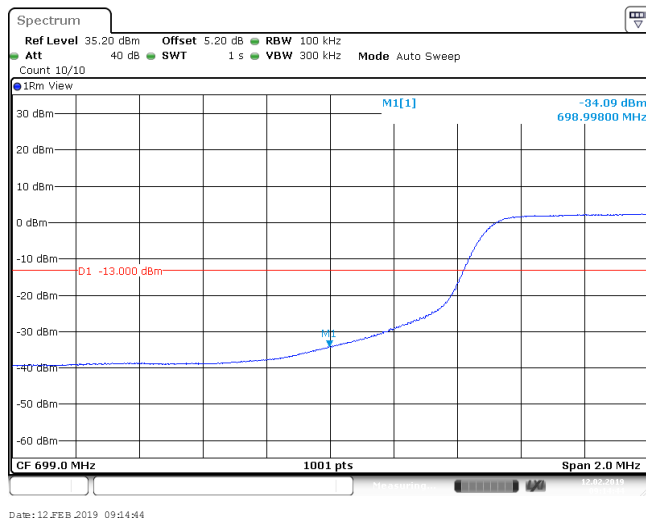


Band12_10MHz_16QAM_23060_1RB#0





Band12_10MHz_16QAM_23060_50RB#0

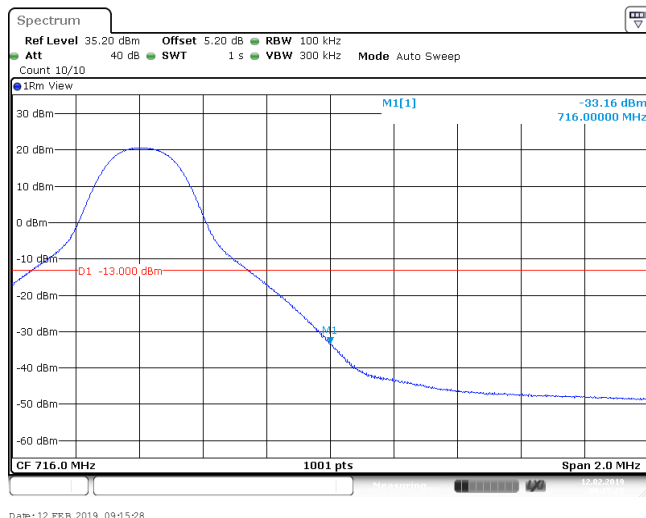


Band12_10MHz_16QAM_23130_1RB#49

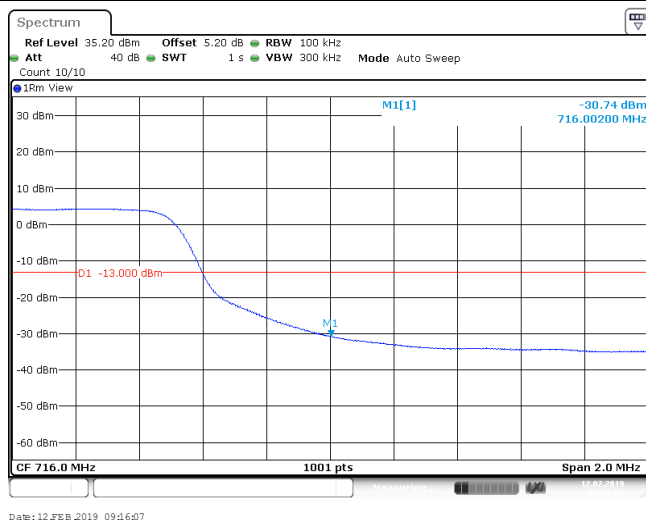


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Band12_10MHz_16QAM_23130_50RB#0

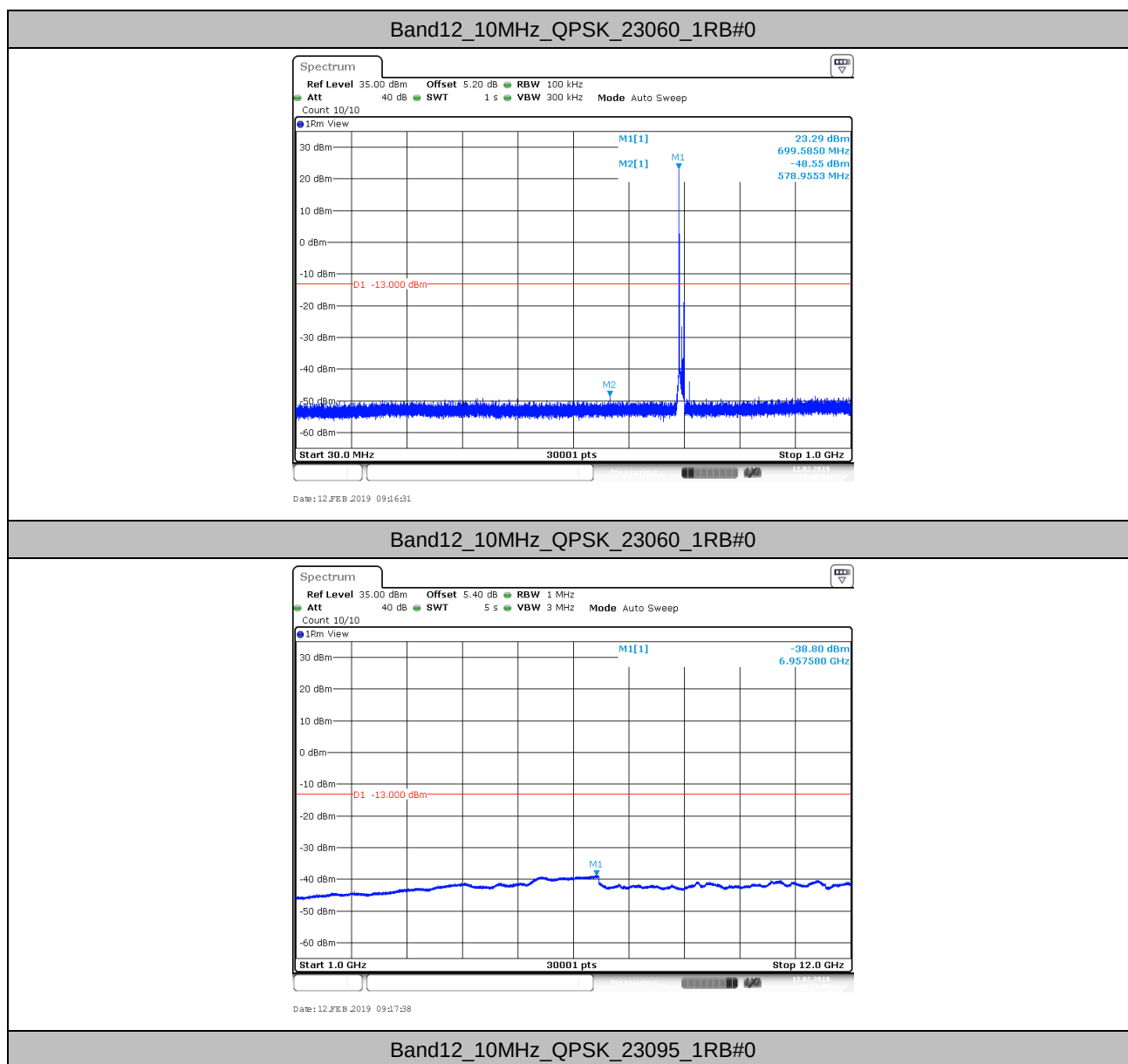


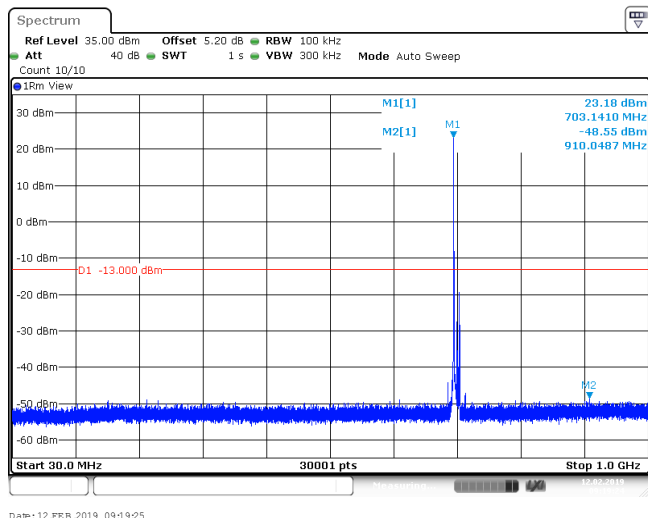
6. Spurious Emission at Antenna Terminal

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.

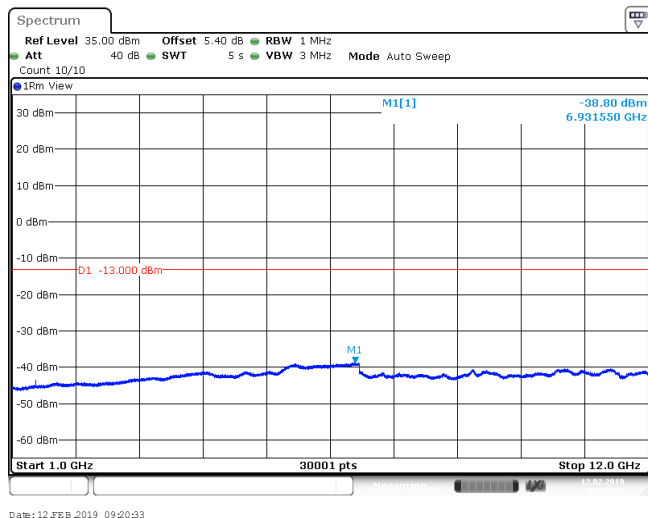
Remark2: only the worst case data displayed in this report.

6.1. Test Plots





Band12_10MHz_QPSK_23095_1RB#0

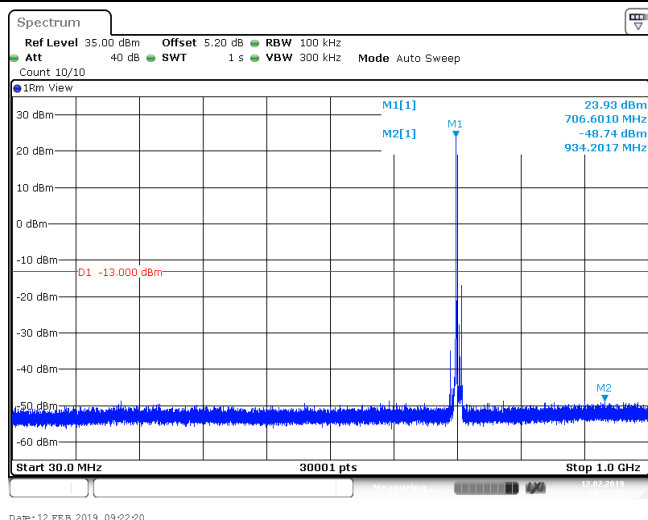


Band12_10MHz_QPSK_23130_1RB#0

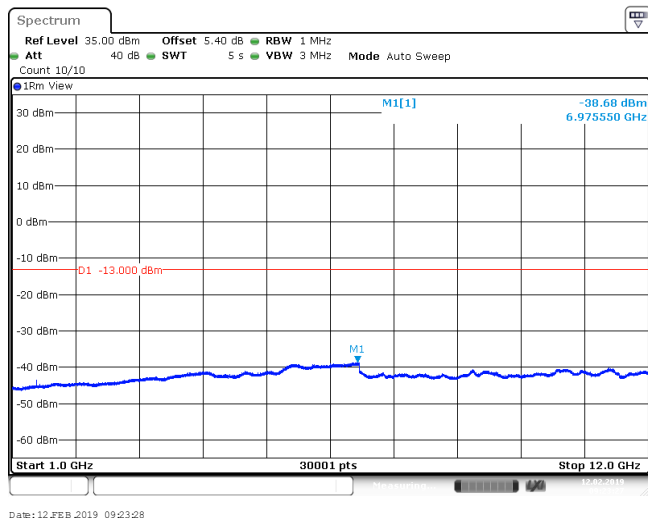


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: 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

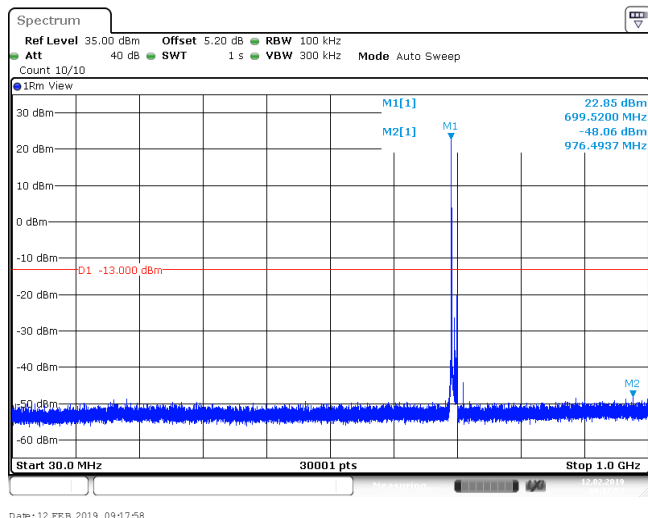


Band12_10MHz_QPSK_23130_1RB#0

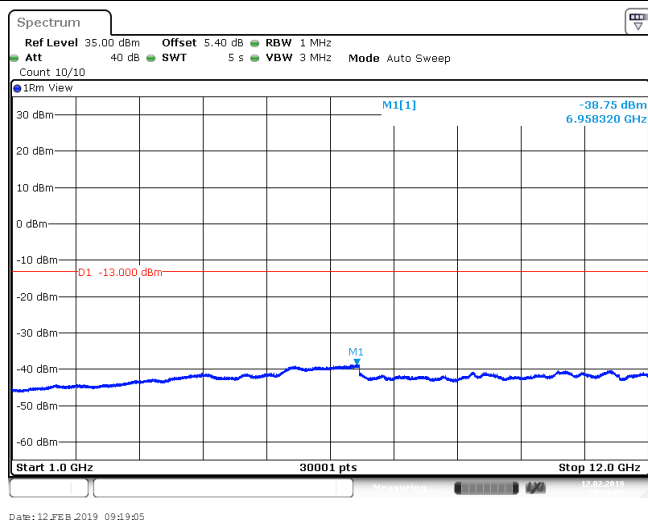


Band12_10MHz_16QAM_23060_1RB#0



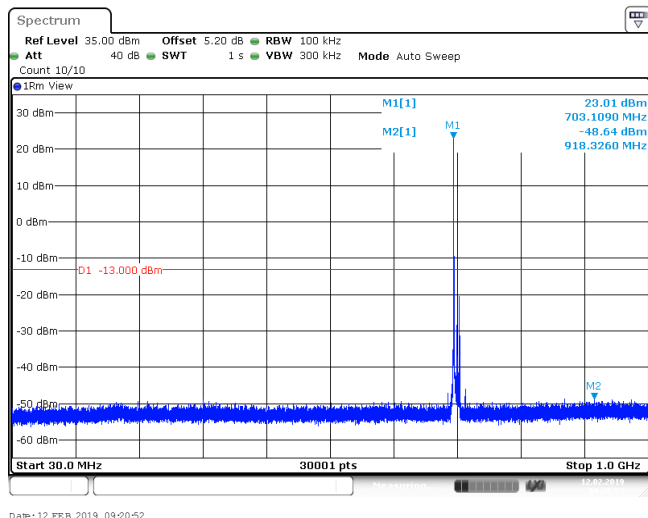


Band12_10MHz_16QAM_23060_1RB#0

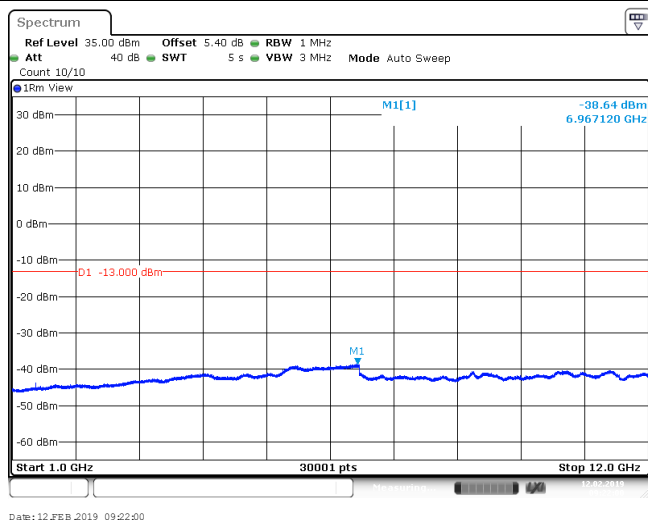


Band12_10MHz_16QAM_23095_1RB#0



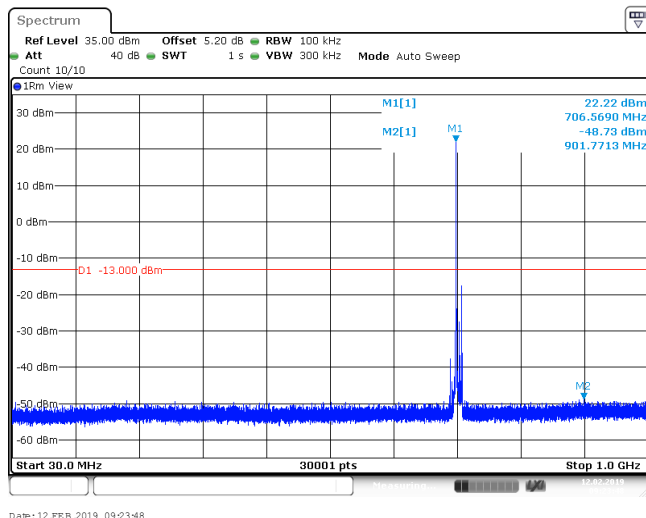


Band12_10MHz_16QAM_23095_1RB#0

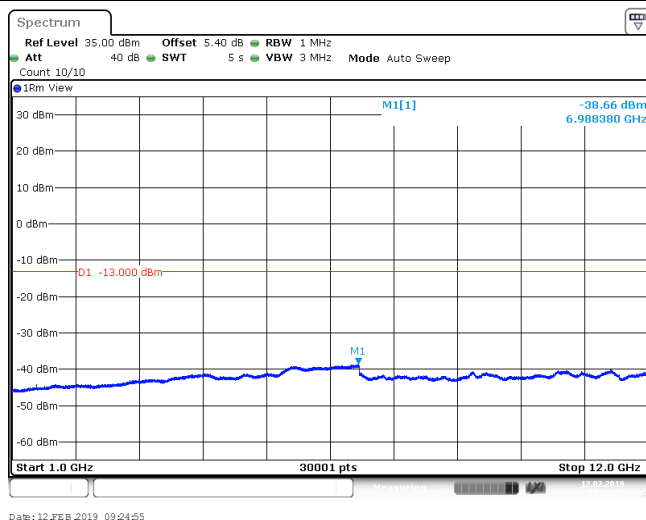


Band12_10MHz_16QAM_23130_1RB#0





Band12_10MHz_16QAM_23130_1RB#0



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

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

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



7. Field Strength of Spurious Radiation

7.1. Test BAND = LTE BAND 12

7.1.1. Test Mode = LTE/TM1 10MHz

7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
66.4253	-70.39	-13.00	57.39	Vertical
111.2901	-65.11	-13.00	52.11	Vertical
387.2689	-68.04	-13.00	55.04	Vertical
1399.2799	-58.05	-13.00	45.05	Vertical
2999.5999	-56.74	-13.00	43.74	Vertical
17998.8000	-33.58	-13.00	20.58	Vertical
43.4837	-64.90	-13.00	51.90	Horizontal
164.9337	-70.01	-13.00	57.01	Horizontal
387.4144	-67.63	-13.00	54.63	Horizontal
1399.2799	-55.80	-13.00	42.80	Horizontal
2986.7974	-56.84	-13.00	43.84	Horizontal
16399.1360	-39.30	-13.00	26.30	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
45.8603	-74.54	-13.00	61.54	Vertical
109.5925	-64.58	-13.00	51.58	Vertical
373.4457	-67.63	-13.00	54.63	Vertical
1406.0812	-62.86	-13.00	49.86	Vertical
3000.0000	-56.70	-13.00	43.70	Vertical
17996.9999	-33.72	-13.00	20.72	Vertical
44.8902	-64.84	-13.00	51.84	Horizontal
164.8367	-69.80	-13.00	56.80	Horizontal



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

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



522.7361	-66.30	-13.00	53.30	Horizontal
1406.0812	-59.23	-13.00	46.23	Horizontal
1943.3887	-54.21	-13.00	41.21	Horizontal
16402.1361	-39.08	-13.00	26.08	Horizontal

7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
79.9090	-69.31	-13.00	56.31	Vertical
110.2715	-65.30	-13.00	52.30	Vertical
554.5537	-66.25	-13.00	53.25	Vertical
1413.2827	-56.07	-13.00	43.07	Vertical
4945.8778	-56.25	-13.00	43.25	Vertical
17972.3989	-33.92	-13.00	20.92	Vertical
42.8046	-63.79	-13.00	50.79	Horizontal
164.9337	-68.72	-13.00	55.72	Horizontal
501.0556	-66.61	-13.00	53.61	Horizontal
1412.8826	-56.36	-13.00	43.36	Horizontal
2700.3401	-56.53	-13.00	43.53	Horizontal
16388.9356	-38.39	-13.00	25.39	Horizontal

7.1.1.4. Spot Check worse mode

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
68.3169	-68.38	-13.00	55.38	Vertical
112.7936	-64.12	-13.00	51.12	Vertical
425.6828	-66.31	-13.00	53.31	Vertical
1406.0812	-53.63	-13.00	40.63	Vertical
2109.4219	-54.08	-13.00	41.08	Vertical
17997.5999	-33.66	-13.00	20.66	Vertical
45.5693	-64.07	-13.00	51.07	Horizontal
152.1776	-68.50	-13.00	55.50	Horizontal



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

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



232.5461	-67.38	-13.00	54.38	Horizontal
1406.0812	-52.36	-13.00	39.36	Horizontal
2697.5395	-55.27	-13.00	42.27	Horizontal
17986.1994	-38.12	-13.00	25.12	Horizontal

Remark:

- 1) The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.
- 2) We have tested all modulation and all Bandwidth , but only the worst case data presented in this report.





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
Band12	10MHz	QPSK	23060	50RB#0	VL	NT	-0.10	-0.000142	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	0.60	0.000852	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	-0.50	-0.000710	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	0.40	0.000565	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	-0.90	-0.001272	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	0.20	0.000283	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	-2.50	-0.003516	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	-2.40	-0.003376	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	-2.00	-0.002813	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VL	NT	0.90	0.001278	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VN	NT	-0.90	-0.001278	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VH	NT	-0.30	-0.000426	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VL	NT	-0.60	-0.000848	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VN	NT	1.10	0.001555	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VH	NT	-1.90	-0.002686	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VL	NT	-1.90	-0.002672	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VN	NT	-1.30	-0.001828	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VH	NT	-2.20	-0.003094	±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
Band12	10MHz	QPSK	23060	50RB#0	NV	-30	0.90	0.001278	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	0.20	0.000284	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	0.90	0.001278	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	0.20	0.000284	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	1.20	0.001705	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	30	-0.10	-0.000142	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	-0.30	-0.000426	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	50	-0.60	-0.000852	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	-1.10	-0.001555	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-1.20	-0.001696	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-0.40	-0.000565	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-0.40	-0.000565	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-0.60	-0.000848	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	0.20	0.000283	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-0.10	-0.000141	±2.5	PASS



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

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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057
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



Band12	10MHz	QPSK	23095	50RB#0	NV	50	-2.20	-0.003110	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	-2.60	-0.003657	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	-3.00	-0.004219	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	-2.50	-0.003516	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	-2.10	-0.002954	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	-2.10	-0.002954	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	30	-2.30	-0.003235	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	40	-1.50	-0.002110	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	50	-1.50	-0.002110	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-30	-0.90	-0.001278	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-20	-1.00	-0.001420	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	0	1.00	0.001420	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	10	0.90	0.001278	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	20	0.30	0.000426	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	30	0.70	0.000994	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	40	0.50	0.000710	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	50	1.60	0.002273	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-30	-1.20	-0.001696	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-20	-0.50	-0.000707	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	0	0.30	0.000424	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	10	1.00	0.001413	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	20	0.60	0.000848	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	30	0.90	0.001272	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	40	-0.20	-0.000283	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	50	0.10	0.000141	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-30	-0.80	-0.001125	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-20	-0.70	-0.000985	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	0	-0.60	-0.000844	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	10	-1.50	-0.002110	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	20	-0.20	-0.000281	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	30	-1.20	-0.001688	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	40	-1.90	-0.002672	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	50	-0.90	-0.001266	±2.5	PASS

The End



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

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