Appendix B.7

LTE 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-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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86–512) 62992980 sgs.china@sgs.com

Effective (Isotropic) Radiated Power Output Data for

SEWM2305000178RG01

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.46	21.76	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.63	21.93	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.51	21.81	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.62	20.92	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.62	21.92	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.78	22.08	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.66	21.96	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.75	21.05	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.66	21.96	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.78	22.08	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.63	21.93	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.78	21.08	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.75	21.05	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	21.88	21.18	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.71	21.01	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.74	20.04	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.89	21.19	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.03	21.33	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.91	21.21	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	20.85	20.15	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.85	21.15	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.86	21.16	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.84	21.14	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.85	20.15	34.77	PASS

检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. Wireless 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-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
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Band12	1.4MHz	64QAM	23017	1RB#0	20.64	19.94	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	20.81	20.11	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	20.69	19.99	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	19.64	18.94	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	20.8	20.1	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	20.94	20.24	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	20.85	20.15	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	19.77	19.07	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	20.85	20.15	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	20.99	20.29	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	20.8	20.1	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	19.81	19.11	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.63	21.93	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.65	21.95	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.66	21.96	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.7	21	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.79	22.09	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.78	22.08	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.77	22.07	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.8	21.1	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.8	22.1	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.79	22.09	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.76	22.06	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.86	21.16	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.85	21.15	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.85	21.15	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.89	21.19	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	20.73	20.03	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.91	21.21	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.04	21.34	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.87	21.17	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.83	20.13	34.77	PASS

检验检测专用章 Inspection & Testing Services

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Band12	3MHz	16QAM	23165	1RB#0	22.1	21.4	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.93	21.23	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.92	21.22	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.86	20.16	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	20.83	20.13	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	20.89	20.19	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	20.81	20.11	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	19.74	19.04	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	20.99	20.29	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	20.94	20.24	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.04	20.34	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	19.83	19.13	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	20.97	20.27	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	20.99	20.29	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	21	20.3	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	19.9	19.2	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.49	21.79	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.76	22.06	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.54	21.84	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.6	20.9	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.59	21.89	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.88	22.18	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.57	21.87	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.73	21.03	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.63	21.93	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.89	22.19	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.52	21.82	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.76	21.06	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.66	20.96	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.97	21.27	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.73	21.03	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.63	19.93	34.77	PASS

检验检测专用章 Inspection & Testing Services

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Band12	5MHz	16QAM	23095	1RB#0	21.77	21.07	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.12	21.42	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.77	21.07	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.76	20.06	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.88	21.18	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.1	21.4	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.66	20.96	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.75	20.05	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	20.71	20.01	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	20.94	20.24	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	20.73	20.03	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	19.66	18.96	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	20.79	20.09	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	21.05	20.35	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	20.79	20.09	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	19.79	19.09	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	20.89	20.19	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	21.12	20.42	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	20.67	19.97	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	19.81	19.11	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.53	21.83	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.78	22.08	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.62	21.92	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.77	21.07	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.63	21.93	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.86	22.16	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.65	21.95	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.77	21.07	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.65	21.95	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.77	22.07	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.3	21.6	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.61	20.91	34.77	PASS

检验检测专用章 Inspection & Testing Services

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Band12	10MHz	16QAM	23060	1RB#0	21.74	21.04	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.05	21.35	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.77	21.07	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.76	20.06	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.89	21.19	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.97	21.27	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.76	21.06	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.83	20.13	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.8	21.1	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.72	21.02	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.49	20.79	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.7	20	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	20.76	20.06	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	21.01	20.31	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	20.81	20.11	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	19.79	19.09	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	20.75	20.05	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	21	20.3	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	20.75	20.05	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	19.83	19.13	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	20.84	20.14	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	20.94	20.24	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	20.69	19.99	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	19.81	19.11	34.77	PASS

检验检测专用章 Inspection & Testing Services

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

Effective (Isotropic) Radiated Power Output Data for SEWM2309000392RG01

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band12	5MHz	QPSK	23035	1RB#0	22.31	21.61	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.6	21.9	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.32	21.62	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.48	20.78	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.47	21.77	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.74	22.04	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.39	21.69	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.5	20.8	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.48	21.78	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.7	22	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.4	21.7	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.6	20.9	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.43	20.73	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.82	21.12	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.51	20.81	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.46	19.76	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.59	20.89	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	21.97	21.27	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.64	20.94	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.59	19.89	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.75	21.05	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.89	21.19	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.43	20.73	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.56	19.86	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	20.57	19.87	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	20.71	20.01	34.77	PASS

检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. Wireless 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-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
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Band12	5MHz	64QAM	23035	1RB#24	20.56	19.86	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	19.51	18.81	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	20.64	19.94	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	20.9	20.2	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	20.59	19.89	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	19.56	18.86	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	20.78	20.08	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	21.01	20.31	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	20.52	19.82	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	19.59	18.89	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.36	21.66	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.61	21.91	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.39	21.69	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.56	20.86	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.45	21.75	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.71	22.01	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.45	21.75	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.56	20.86	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.48	21.78	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.57	21.87	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.16	21.46	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.49	20.79	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.62	20.92	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.92	21.22	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.63	20.93	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.61	19.91	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.68	20.98	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.76	21.06	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.62	20.92	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.67	19.97	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.62	20.92	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.51	20.81	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.26	20.56	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.55	19.85	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	20.55	19.85	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	20.86	20.16	34.77	PASS

检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. Wireless 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-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
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Band12	10MHz	64QAM	23060	1RB#49	20.65	19.95	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	19.67	18.97	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	20.63	19.93	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	20.8	20.1	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	20.53	19.83	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	19.71	19.01	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	20.63	19.93	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	20.76	20.06	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	20.54	19.84	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	19.63	18.93	34.77	PASS

检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. Wireless 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-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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Peak-to-Average Ratio(CCDF)

Test Result

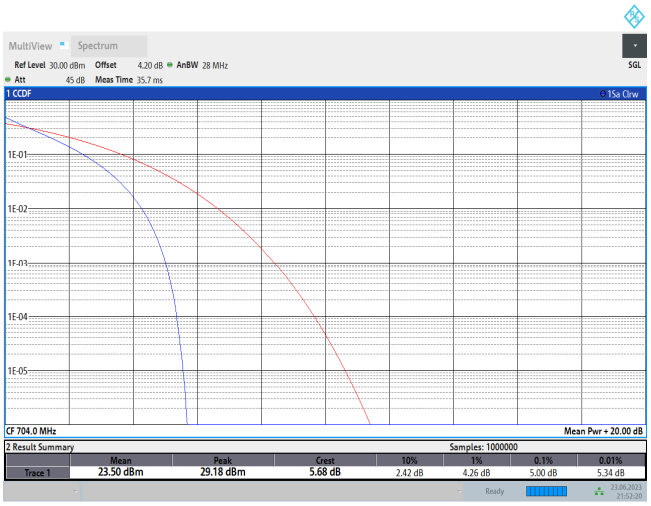
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	5.00	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.24	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.16	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.82	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.94	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.88	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.20	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	6.30	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	6.32	13	PASS

检验检测专用章 Inspection & Testing Services

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

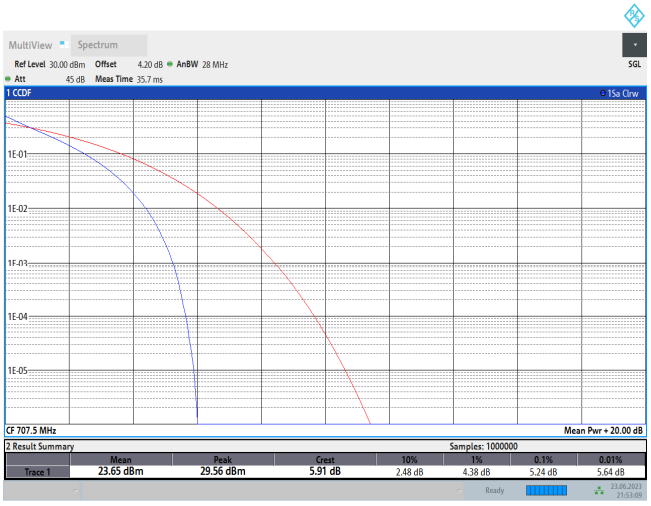
Test Graphs

Band12-10MHz-QPSK-23060-50RB#0



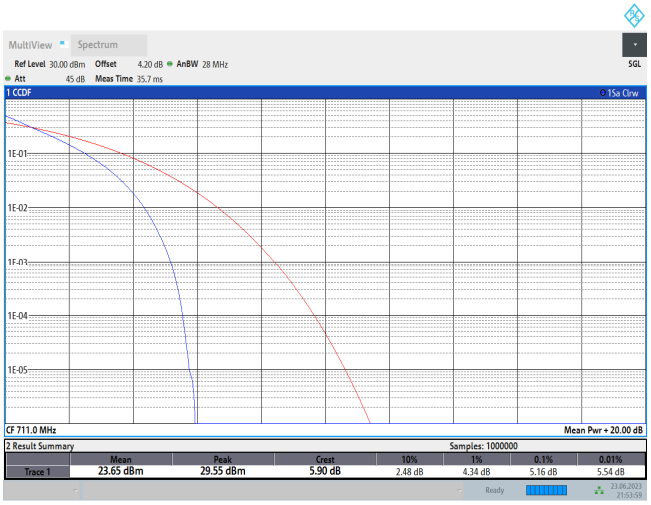
21:52:21 23.06.2023

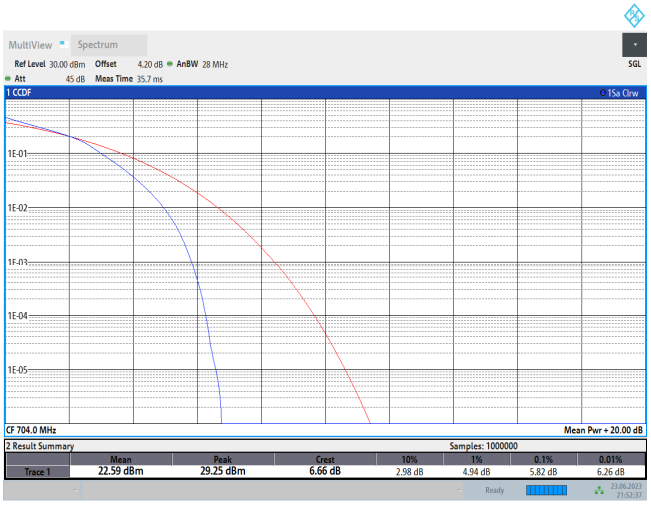
Band12-10MHz-QPSK-23095-50RB#0



21:53:10 23.06.2023

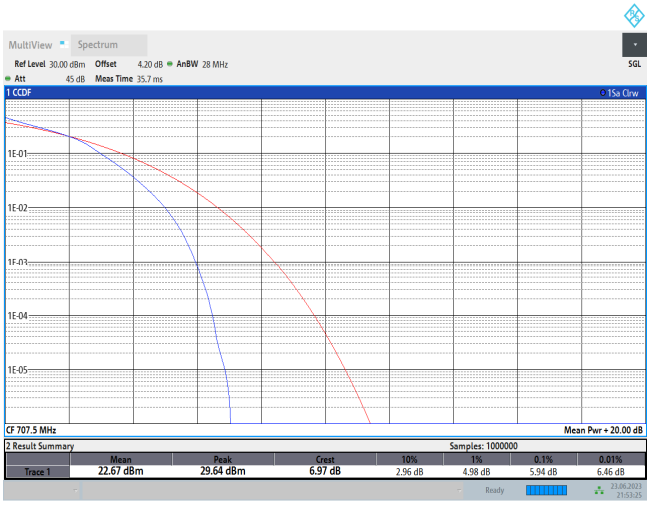
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

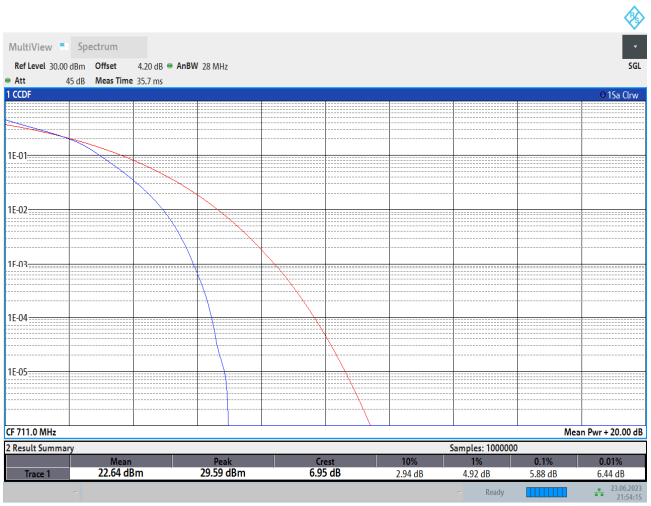
Band12-10MHz-QPSK-23130-50RB#0


Band12-10MHz-16QAM-23060-50RB#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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

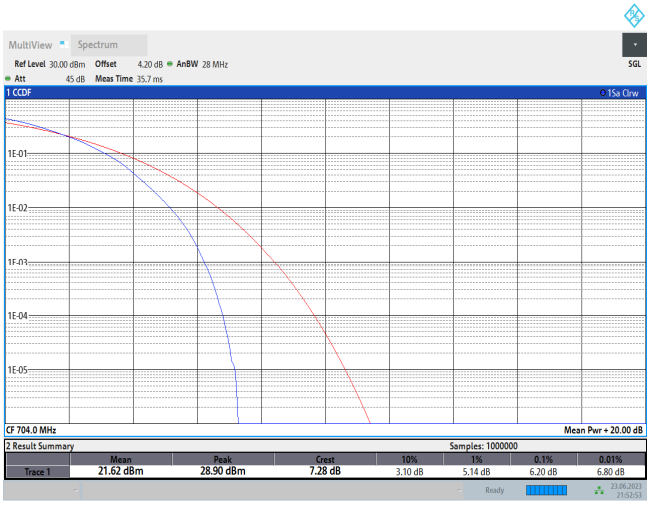
Band12-10MHz-16QAM-23095-50RB#0


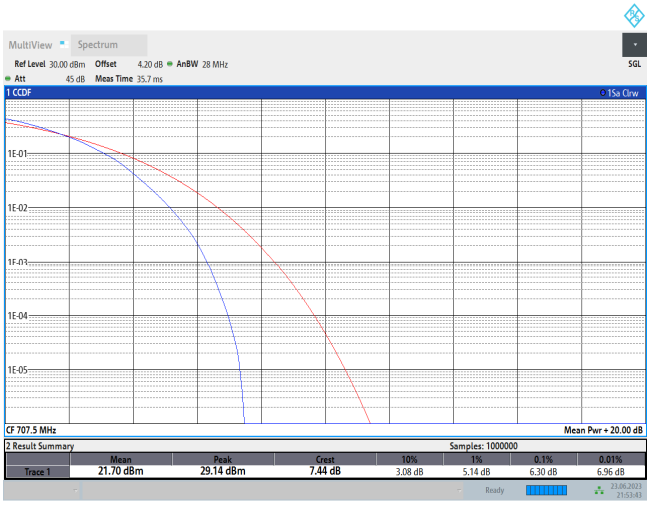
Band12-10MHz-16QAM-23130-50RB#0


检验检测专用章
Inspection & Testing Services

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Band12-10MHz-64QAM-23060-50RB#0


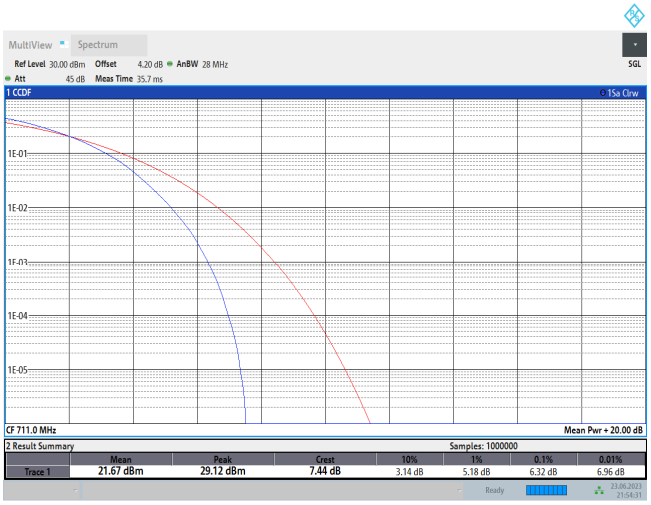
Band12-10MHz-64QAM-23095-50RB#0


检验检测专用章
Inspection & Testing Services

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Band12-10MHz-64QAM-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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com

26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.077	1.25	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.077	1.24	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.086	1.29	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.086	1.27	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.079	1.17	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.091	1.30	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.073	1.23	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.082	1.25	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.087	1.28	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.680	2.89	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.692	2.87	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.680	2.86	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.681	2.89	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.664	2.84	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.687	2.84	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.701	2.89	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.674	2.85	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.683	2.86	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.465	4.89	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.478	4.92	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.473	4.86	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.462	4.88	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.469	4.86	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.460	5.01	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.506	4.93	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.480	5.02	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.483	4.92	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.936	9.64	PASS

检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. Wireless 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-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

Band12	10MHz	QPSK	23095	50RB#0	8.921	9.56	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.898	9.68	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.913	9.70	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.922	9.54	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.938	9.64	PASS
Band12	10MHz	64QAM	23060	50RB#0	8.936	9.40	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.938	9.74	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.919	9.42	PASS

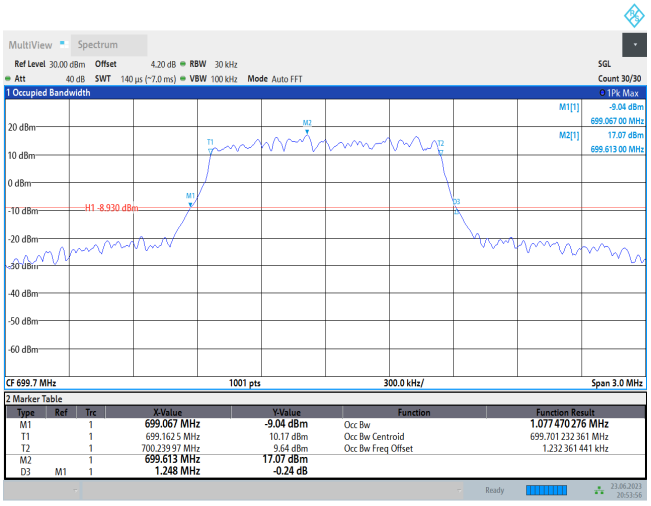
检验检测专用章
Inspection & Testing Services

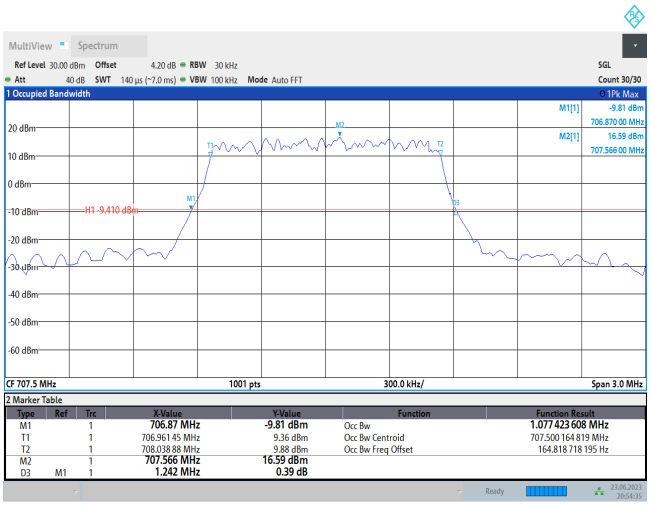
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

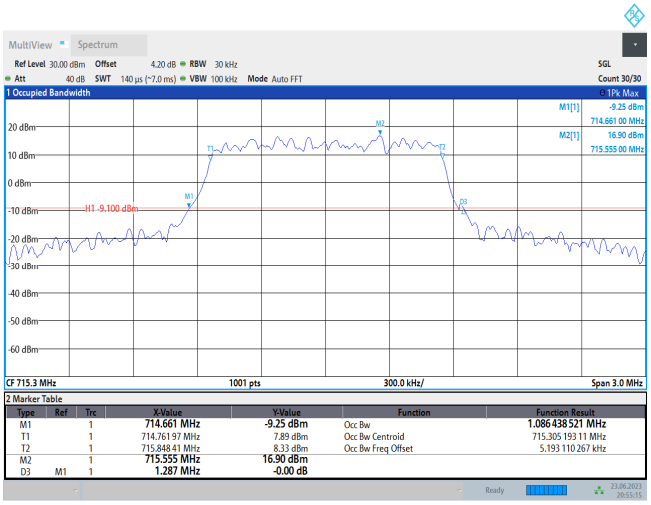
Test Graphs

Band12-1.4MHz-QPSK-23017-6RB#0


Band12-1.4MHz-QPSK-23095-6RB#0


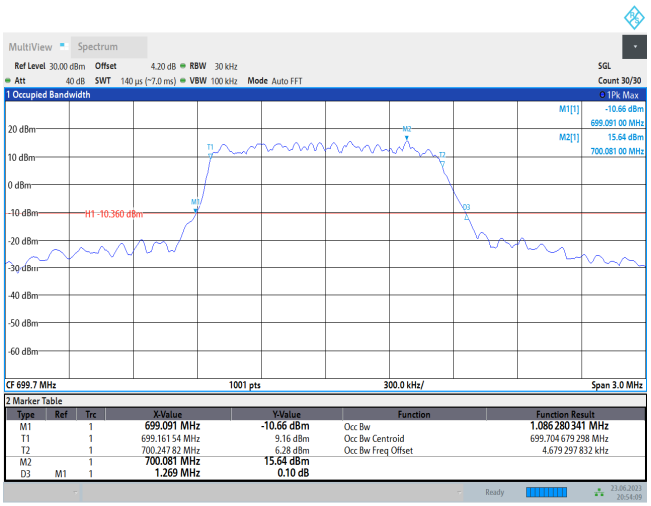
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band12-1.4MHz-QPSK-23173-6RB#0



20:55:15 23.06.2023

Band12-1.4MHz-16QAM-23017-6RB#0

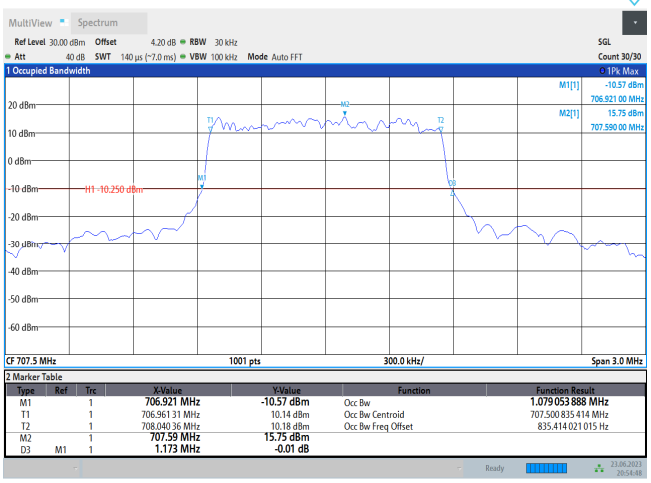


20:54:09 23.06.2023

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

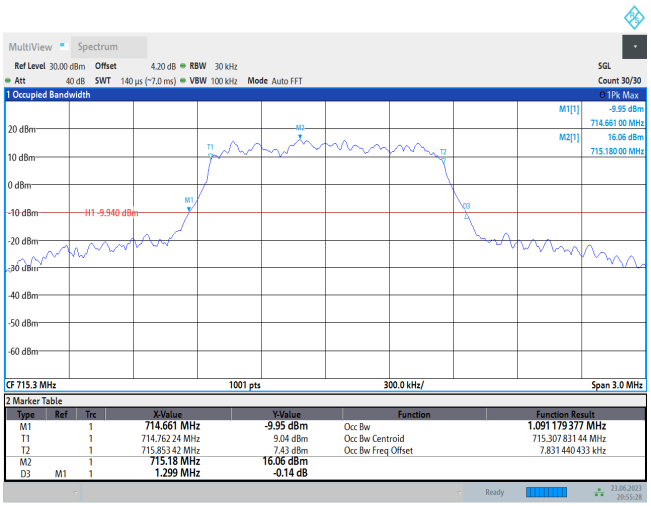
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86–512) 62992980 sgs.china@sgs.com

Band12-1.4MHz-16QAM-23095-6RB#0



20:54:49 23.06.2023

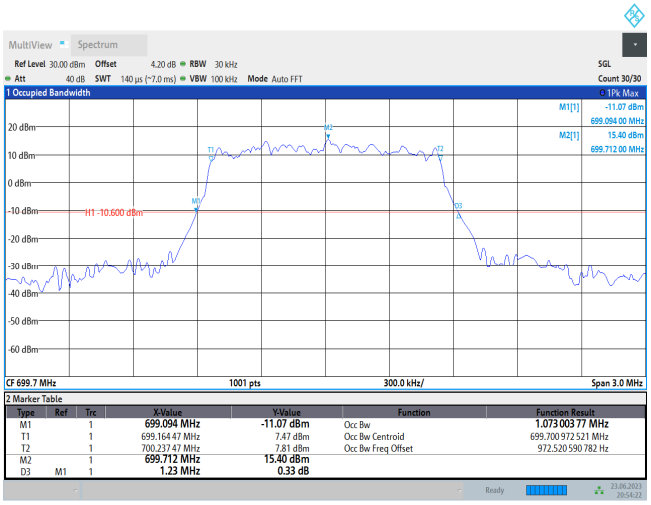
Band12-1.4MHz-16QAM-23173-6RB#0



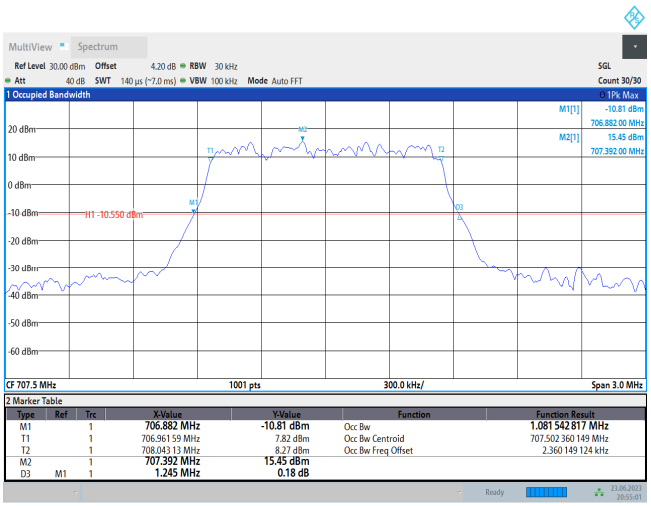
20:55:28 23.06.2023

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

Band12-1.4MHz-64QAM-23017-6RB#0



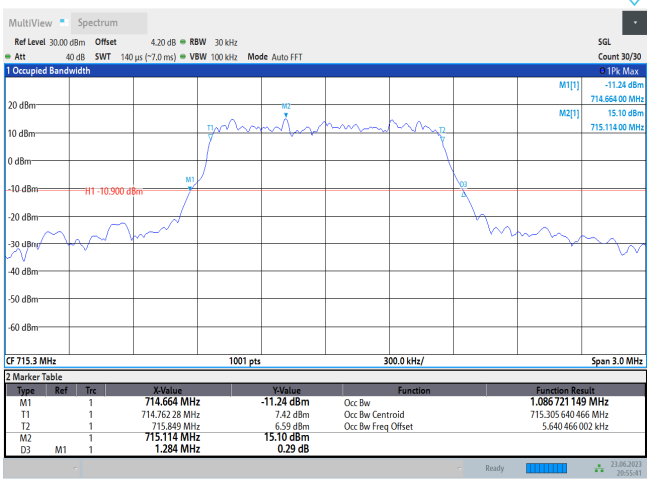
Band12-1.4MHz-64QAM-23095-6RB#0



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

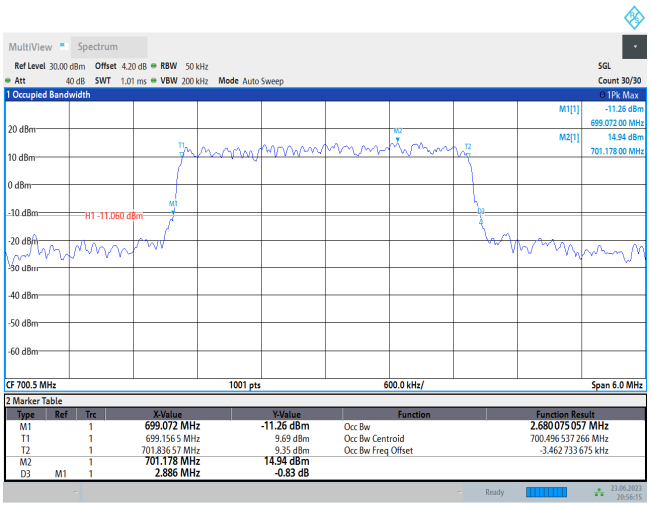
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com

Band12-1.4MHz-64QAM-23173-6RB#0



20:55:41 23.06.2023

Band12-3MHz-QPSK-23025-15RB#0

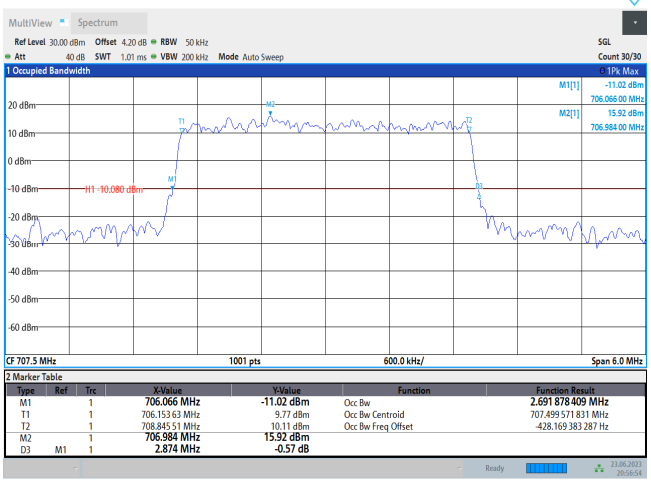


20:56:16 23.06.2023

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

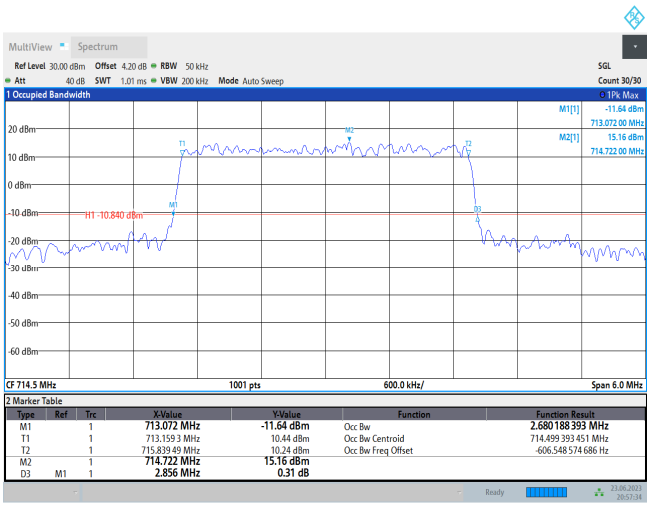
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86–512) 62992980 sgs.china@sgs.com

Band12-3MHz-QPSK-23095-15RB#0



20:56:55 23.06.2023

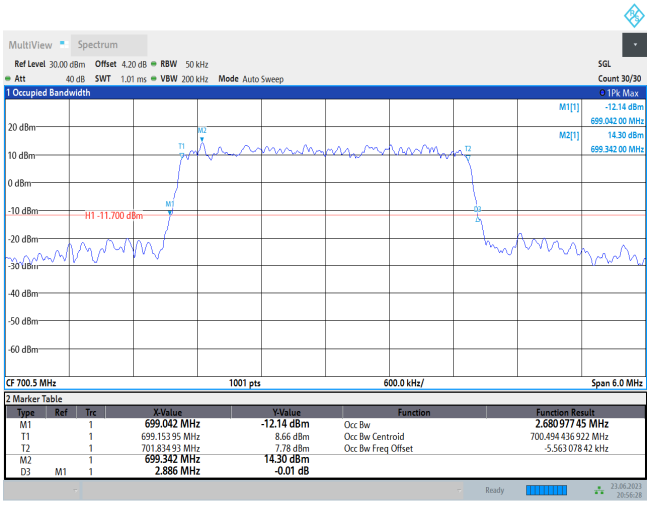
Band12-3MHz-QPSK-23165-15RB#0



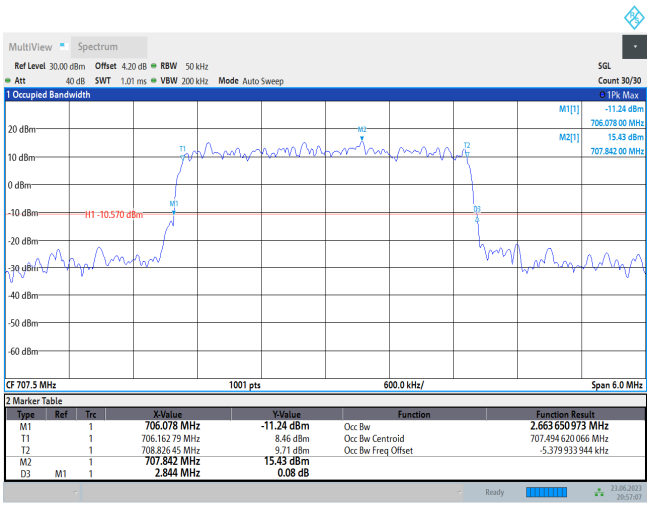
20:57:35 23.06.2023

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

Band12-3MHz-16QAM-23025-15RB#0

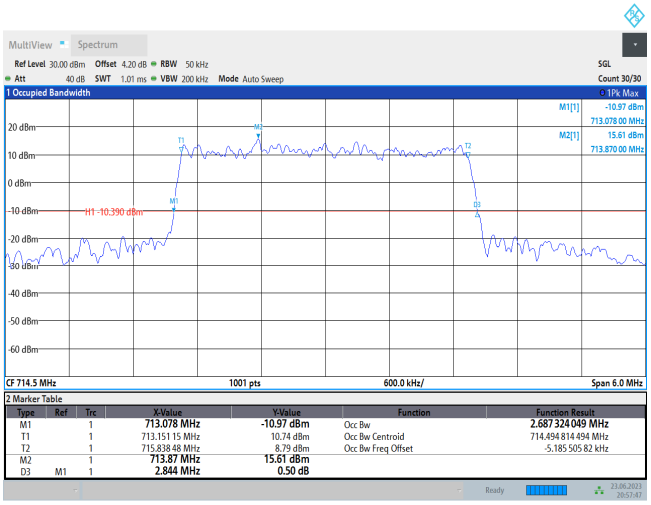


Band12-3MHz-16QAM-23095-15RB#0

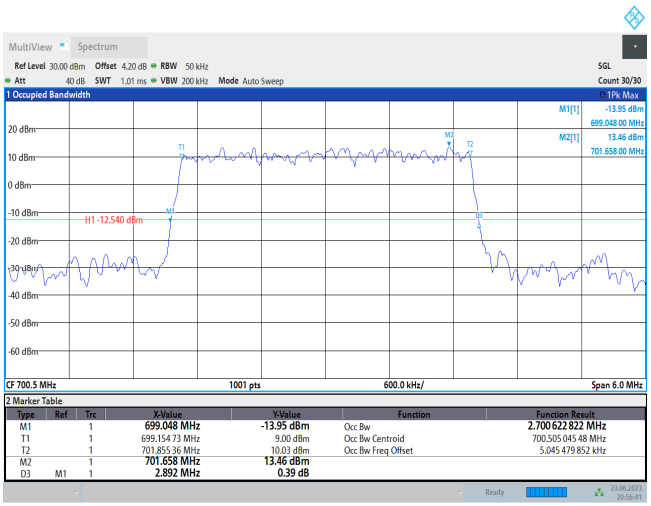


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band12-3MHz-16QAM-23165-15RB#0



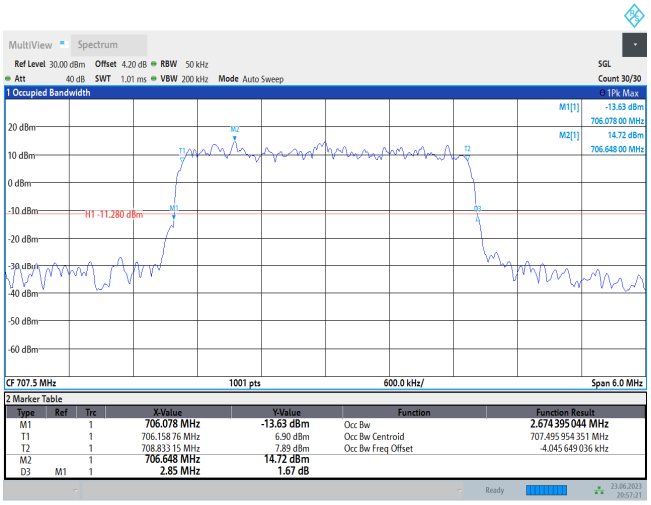
Band12-3MHz-64QAM-23025-15RB#0



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-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

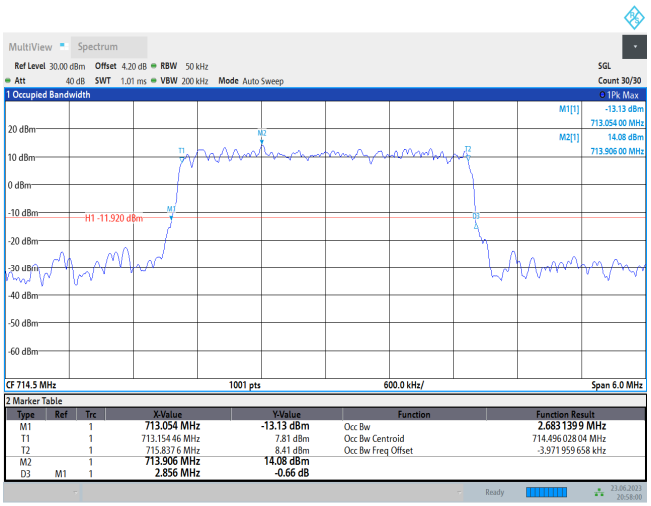
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Band12-3MHz-64QAM-23095-15RB#0



20:57:21 23.06.2023

Band12-3MHz-64QAM-23165-15RB#0

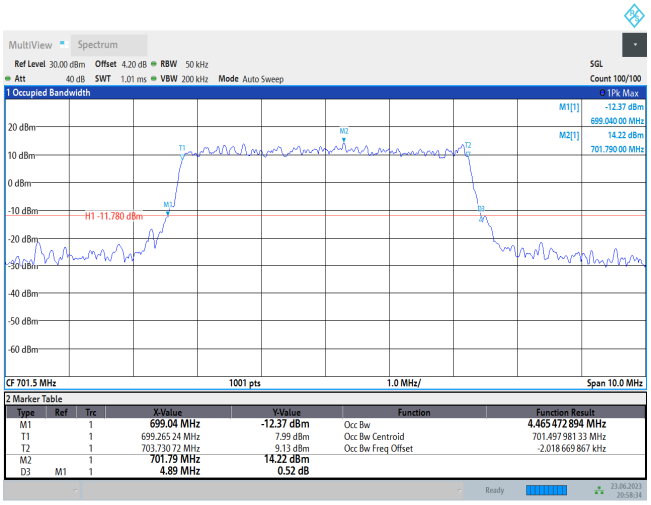


20:58:01 23.06.2023

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

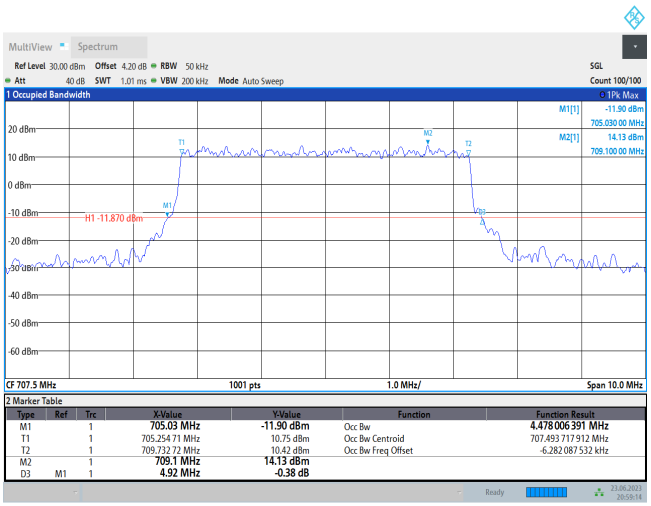
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Band12-5MHz-QPSK-23035-25RB#0



20:58:35 23.06.2023

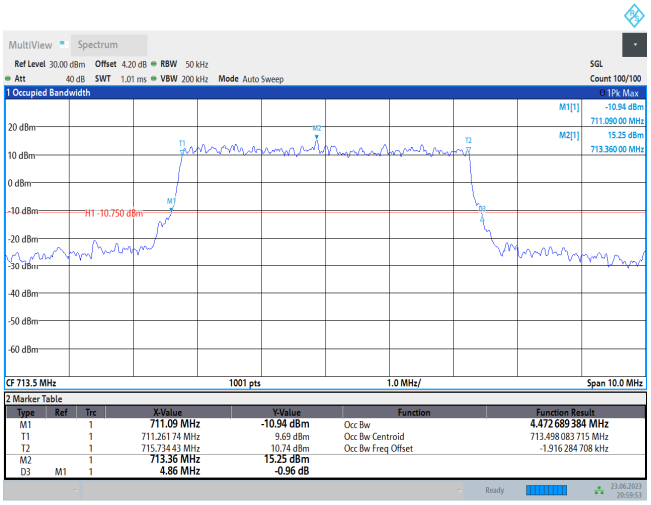
Band12-5MHz-QPSK-23095-25RB#0



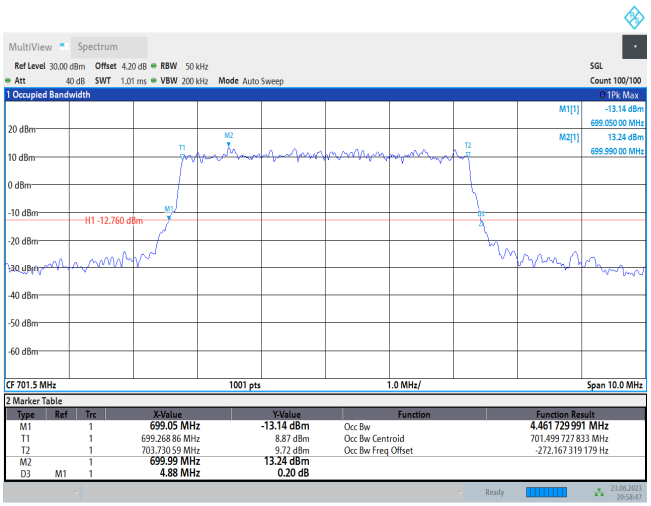
20:59:14 23.06.2023

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

Band12-5MHz-QPSK-23155-25RB#0



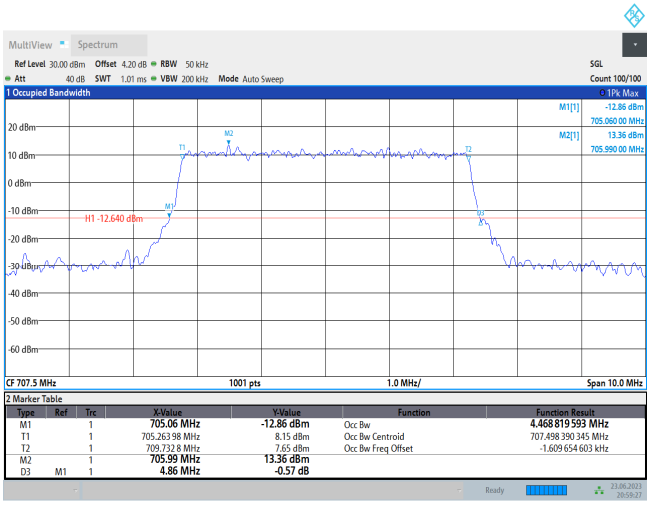
Band12-5MHz-16QAM-23035-25RB#0



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

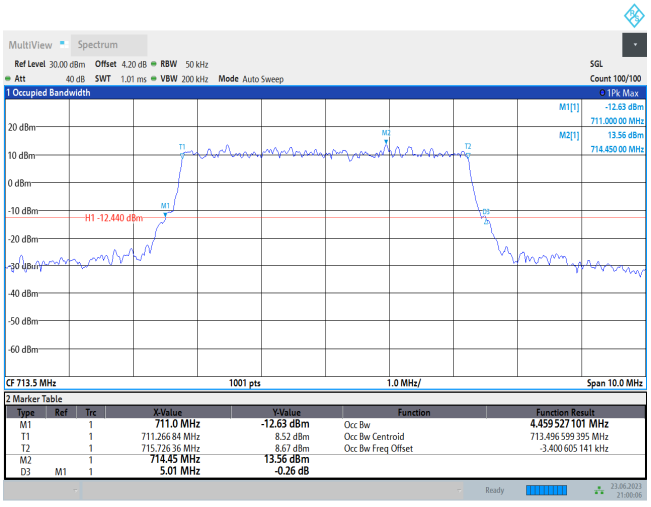
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Band12-5MHz-16QAM-23095-25RB#0



20:59:28 23.06.2023

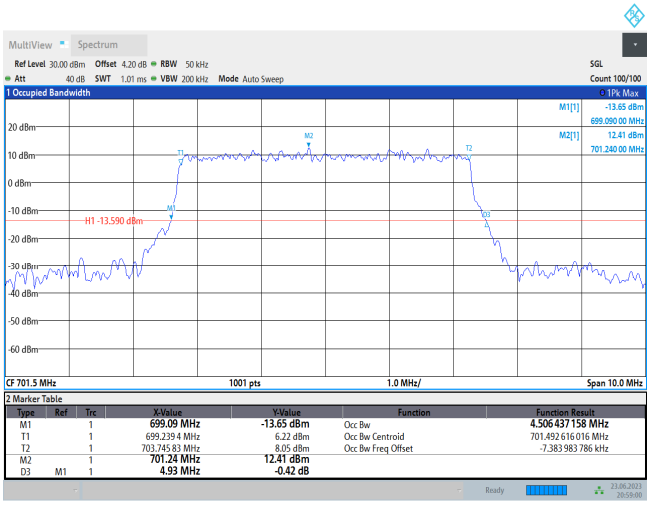
Band12-5MHz-16QAM-23155-25RB#0



21:00:07 23.06.2023

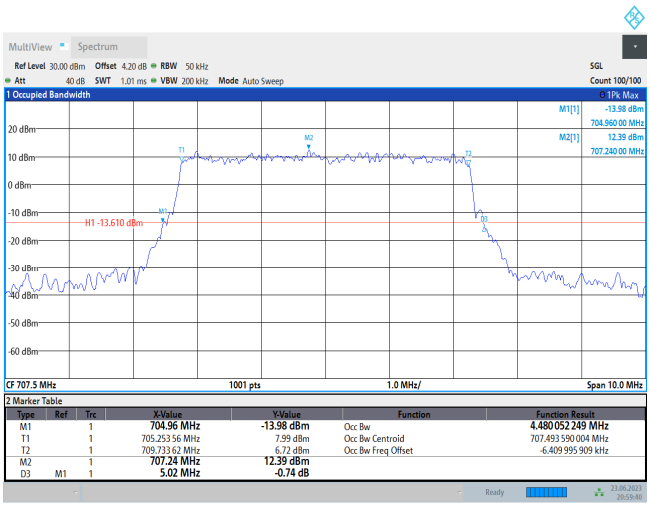
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band12-5MHz-64QAM-23035-25RB#0



20:59:01 23.06.2023

Band12-5MHz-64QAM-23095-25RB#0

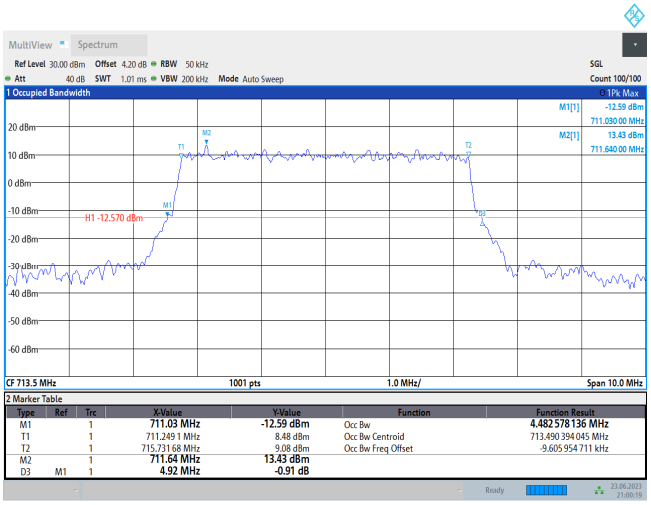


20:59:41 23.06.2023

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

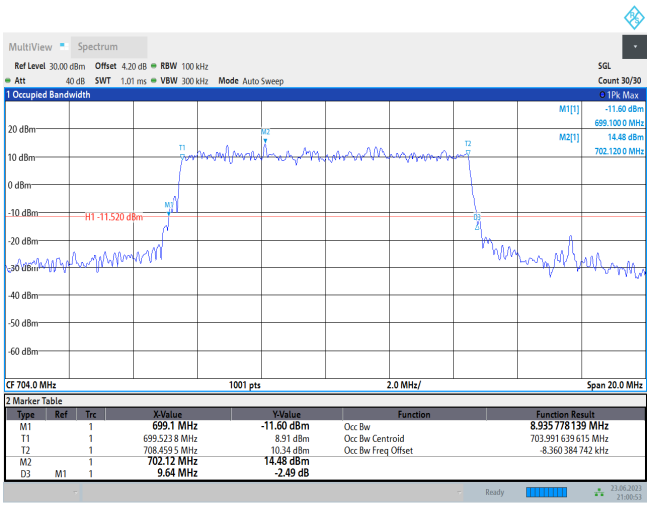
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Band12-5MHz-64QAM-23155-25RB#0



21:00:20 23.06.2023

Band12-10MHz-QPSK-23060-50RB#0

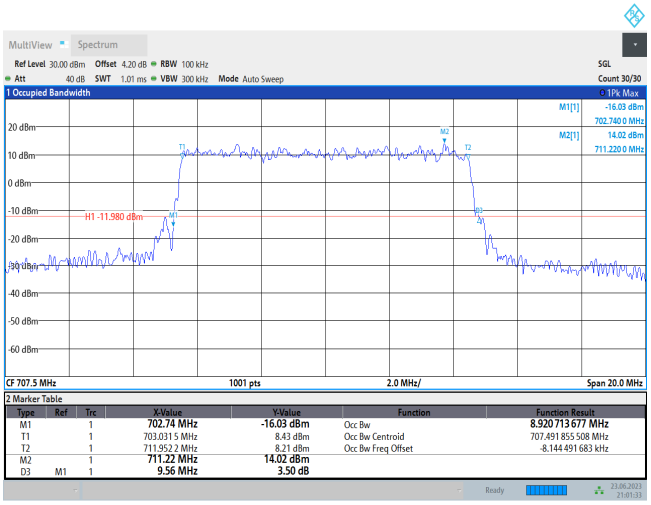


21:00:54 23.06.2023

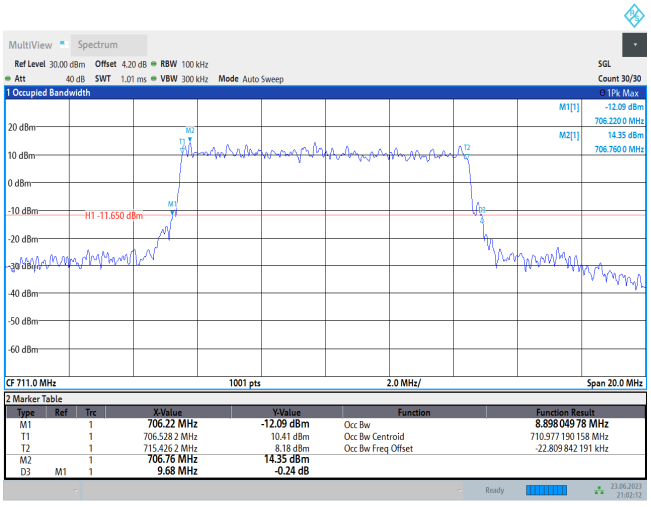
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86–512) 62992980 sgs.china@sgs.com

Band12-10MHz-QPSK-23095-50RB#0



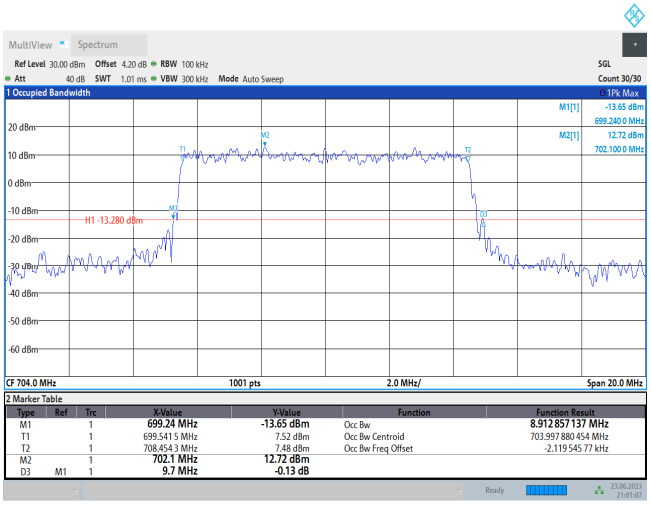
Band12-10MHz-QPSK-23130-50RB#0



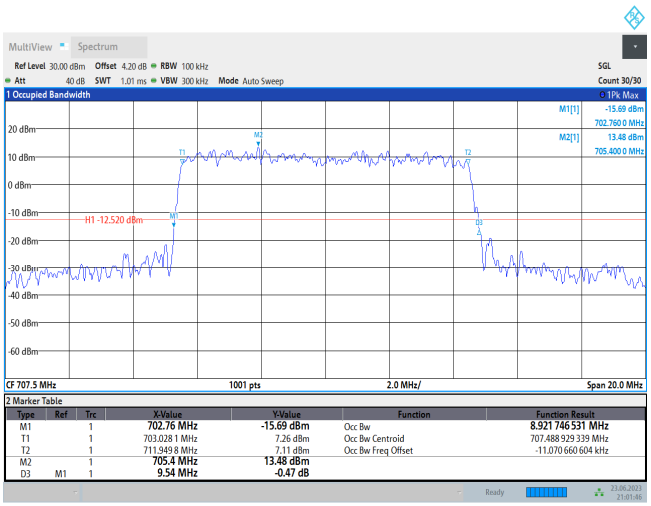
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86–512) 62992980 sgs.china@sgs.com

Band12-10MHz-16QAM-23060-50RB#0



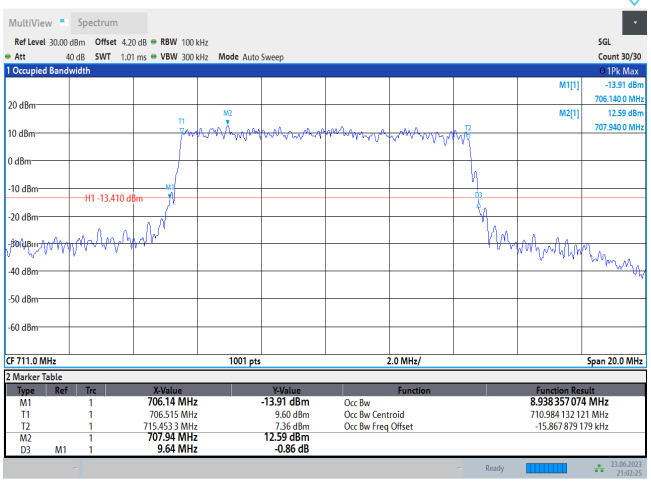
Band12-10MHz-16QAM-23095-50RB#0



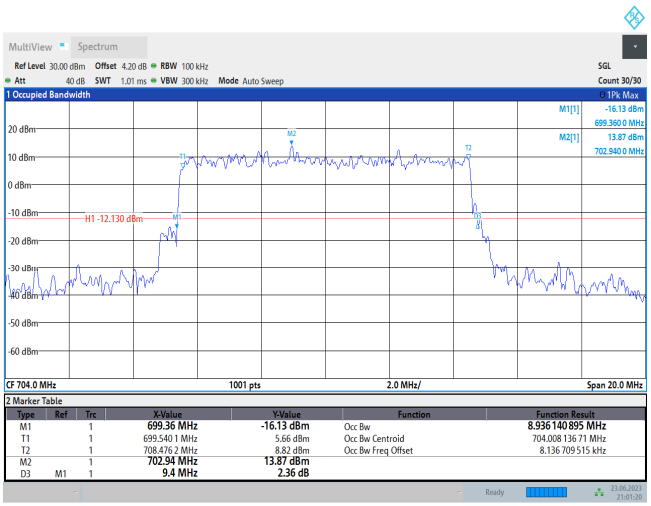
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86–512) 62992980 sgs.china@sgs.com

Band12-10MHz-16QAM-23130-50RB#0



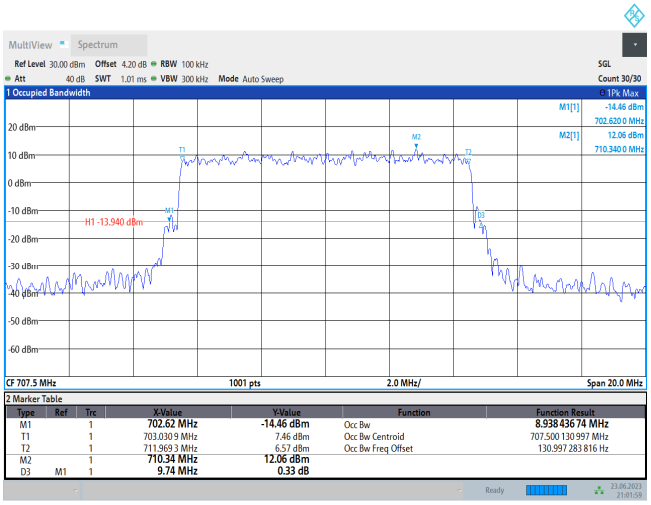
Band12-10MHz-64QAM-23060-50RB#0



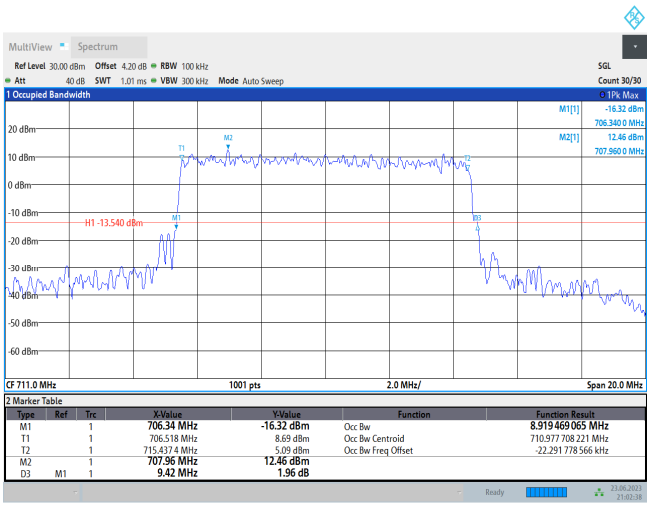
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com

Band12-10MHz-64QAM-23095-50RB#0



Band12-10MHz-64QAM-23130-50RB#0



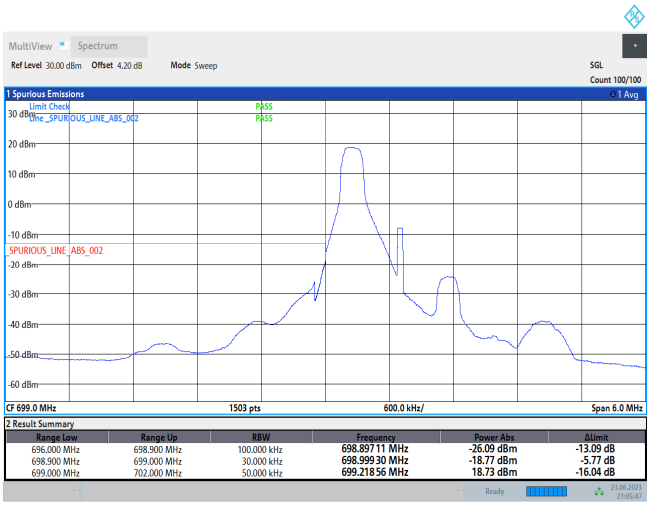
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

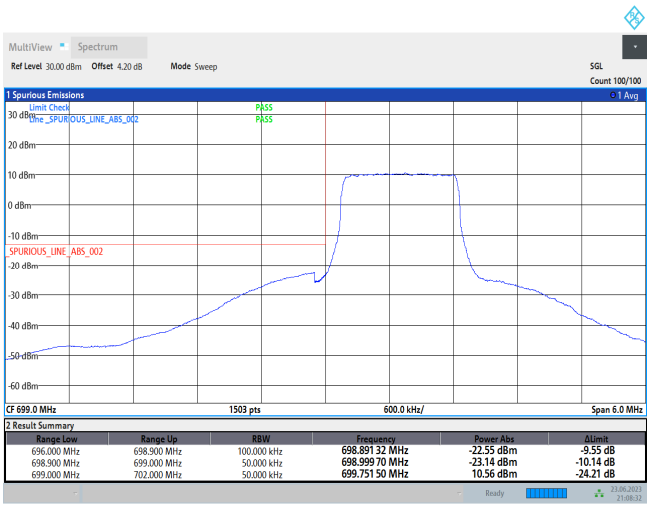
Band Edge

Test Graphs

Band12-1.4MHz-QPSK-23017-1RB#0



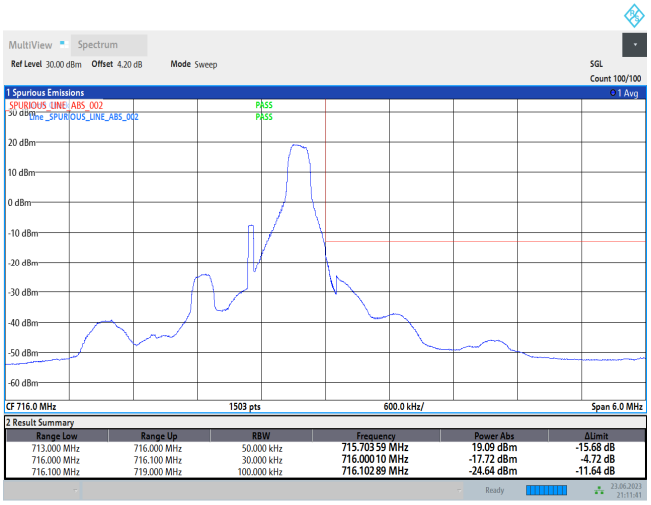
Band12-1.4MHz-QPSK-23017-6RB#0



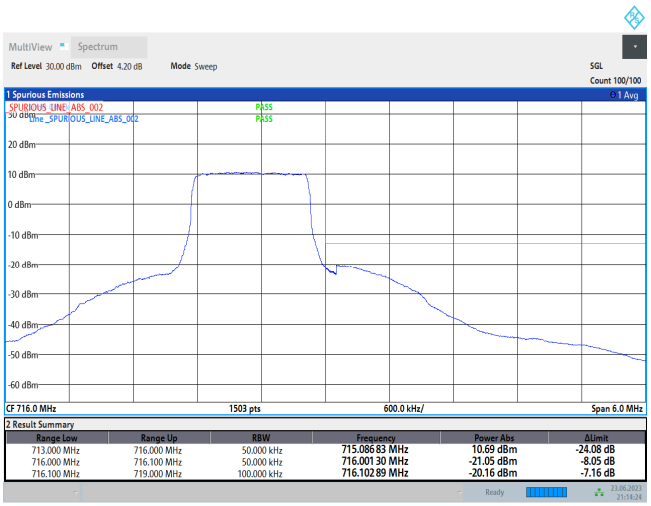
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Band12-1.4MHz-QPSK-23173-1RB#5



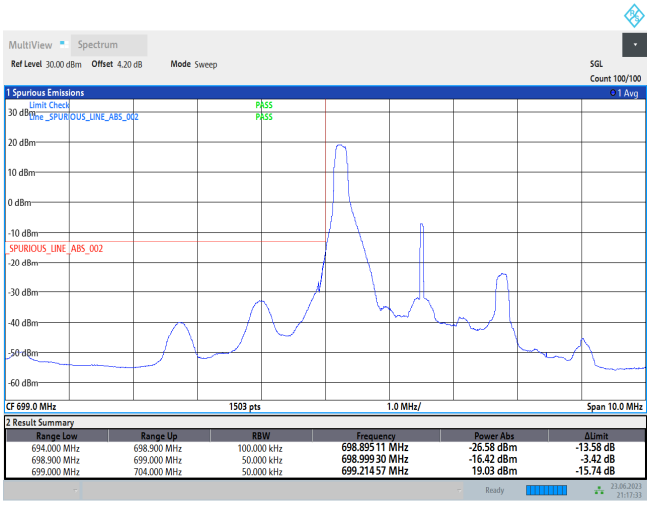
Band12-1.4MHz-QPSK-23173-6RB#0



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

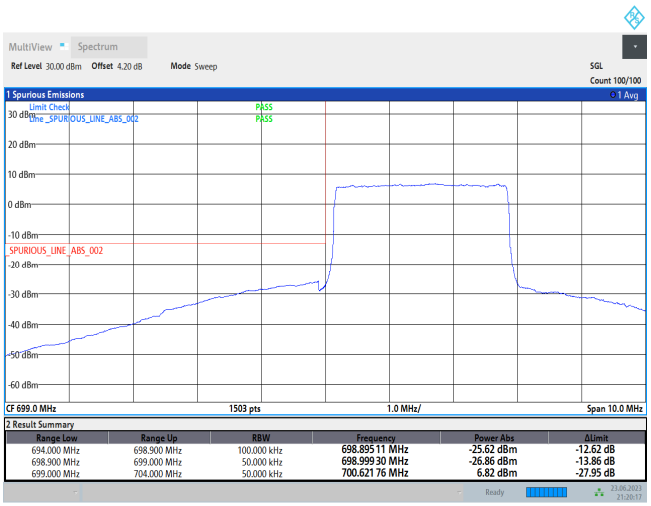
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Band12-3MHz-QPSK-23025-1RB#0



21:17:34 23.06.2023

Band12-3MHz-QPSK-23025-15RB#0

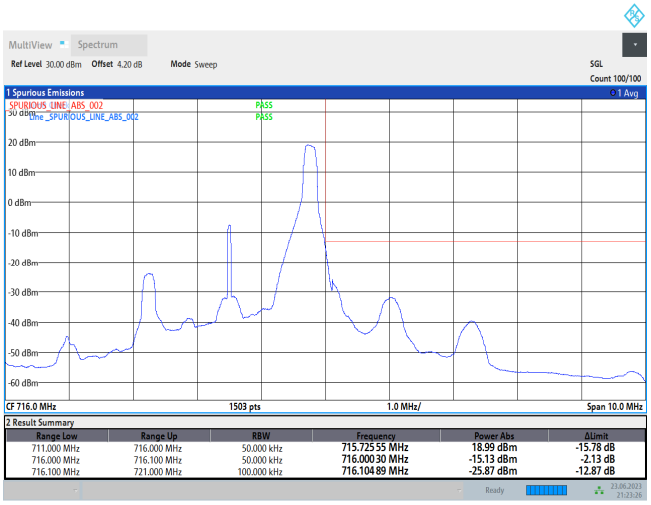


21:20:18 23.06.2023

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

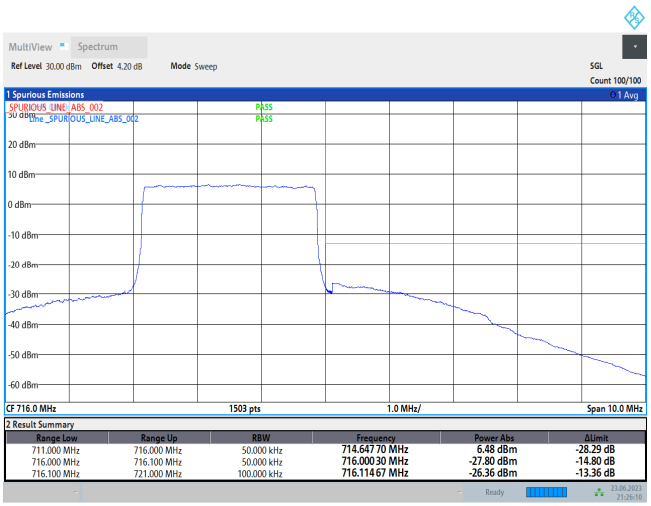
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Band12-3MHz-QPSK-23165-1RB#14



21:23:26 23.06.2023

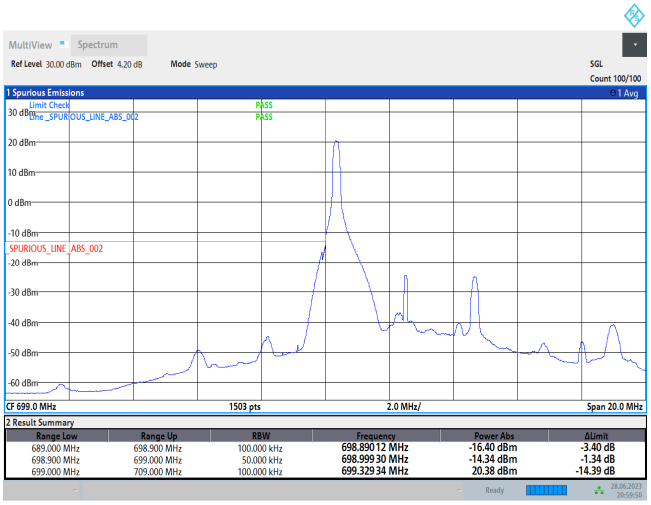
Band12-3MHz-QPSK-23165-15RB#0



21:26:11 23.06.2023

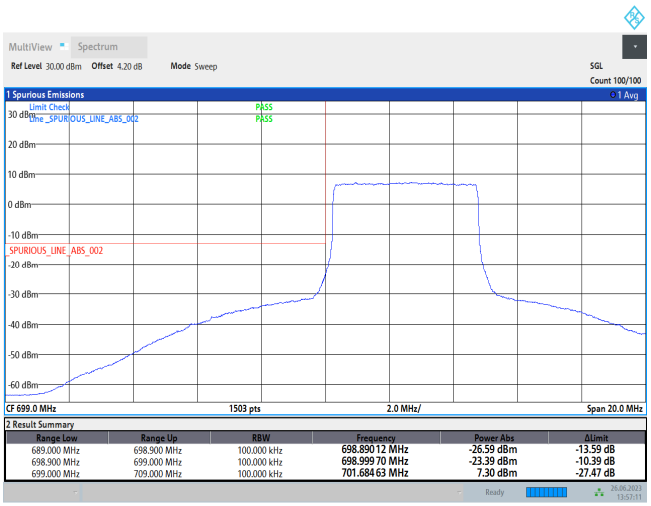
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band12-5MHz-QPSK-23035-1RB#0



20:59:50 28.06.2023

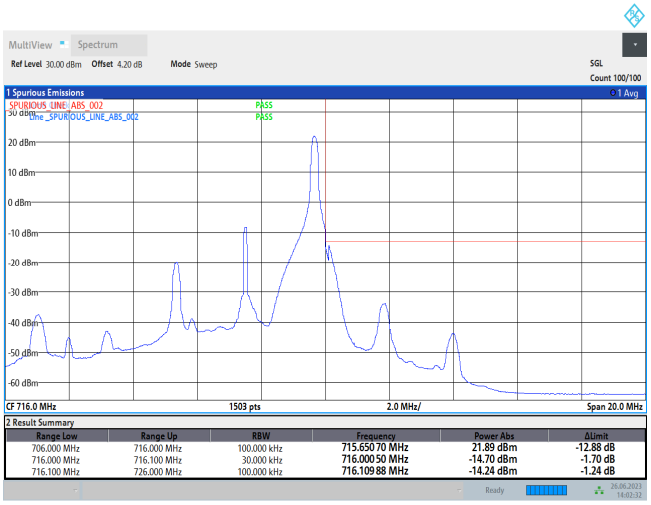
Band12-5MHz-QPSK-23035-25RB#0



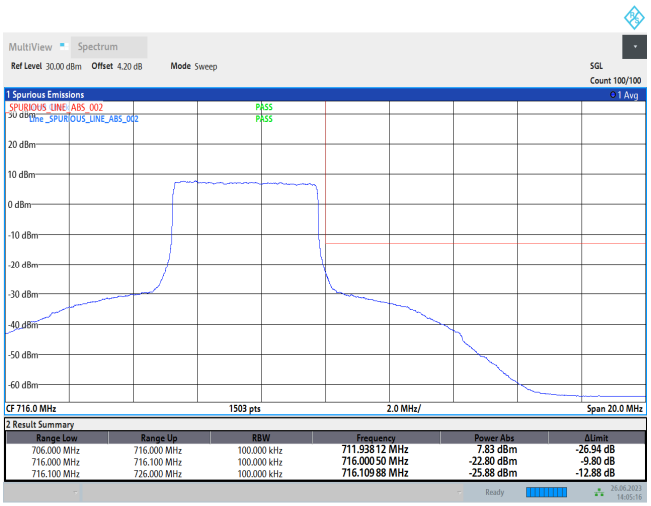
13:57:11 26.06.2023

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

Band12-5MHz-QPSK-23155-1RB#24

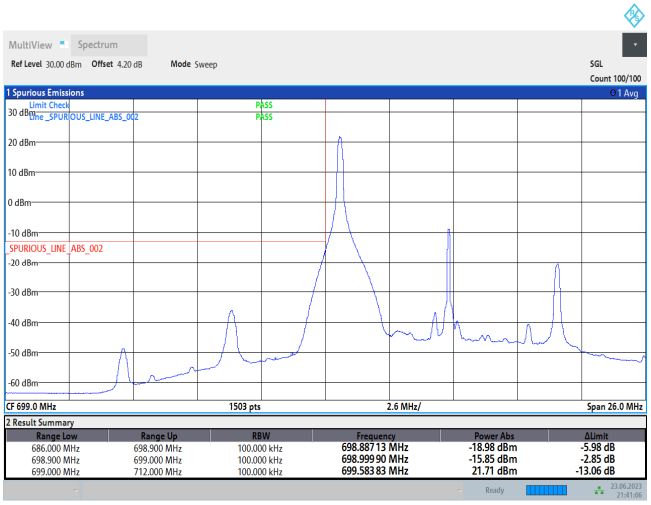


Band12-5MHz-QPSK-23155-25RB#0



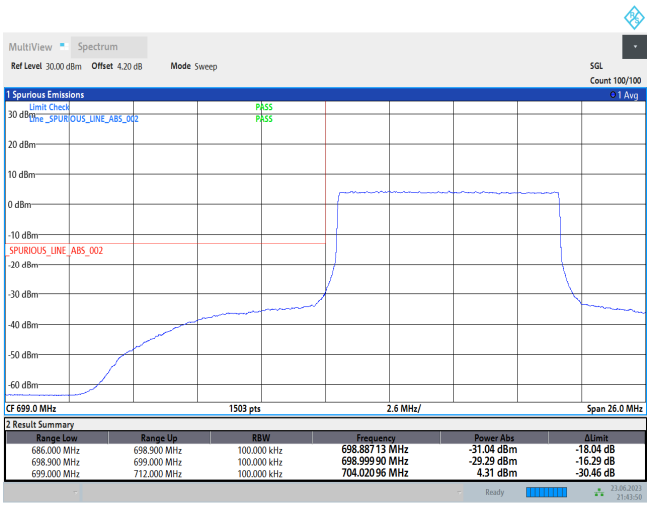
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band12-10MHz-QPSK-23060-1RB#0



21:41:06 23.06.2023

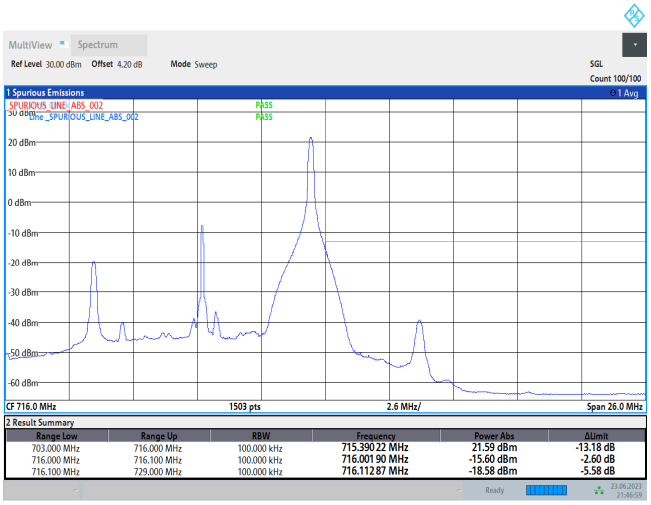
Band12-10MHz-QPSK-23060-50RB#0



21:43:51 23.06.2023

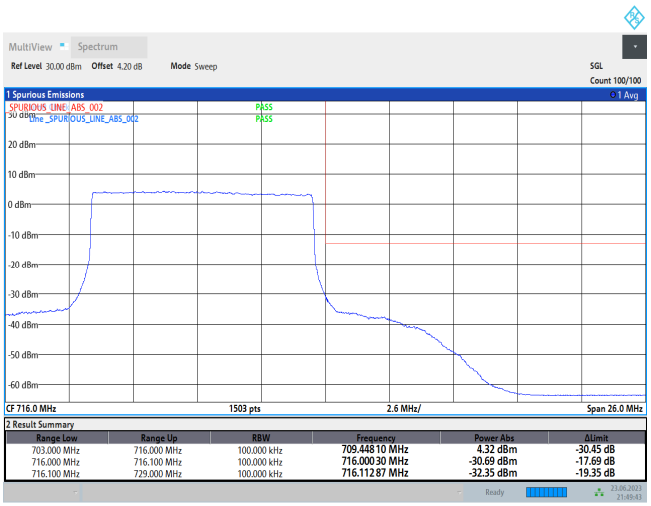
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band12-10MHz-QPSK-23130-1RB#49



21:46:59 23.06.2023

Band12-10MHz-QPSK-23130-50RB#0



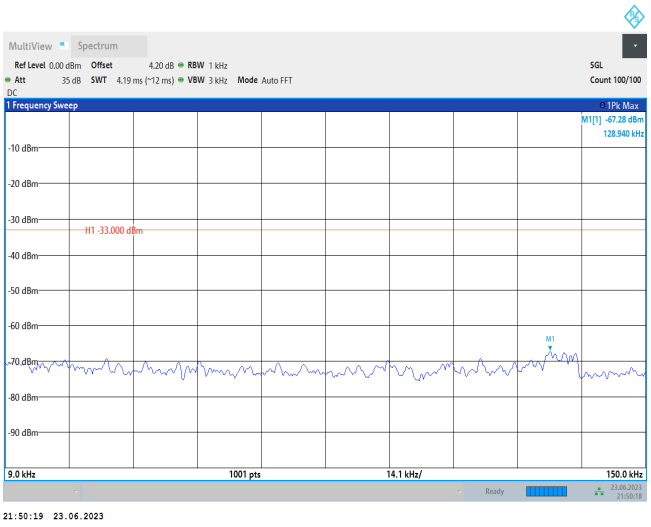
21:49:44 23.06.2023

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

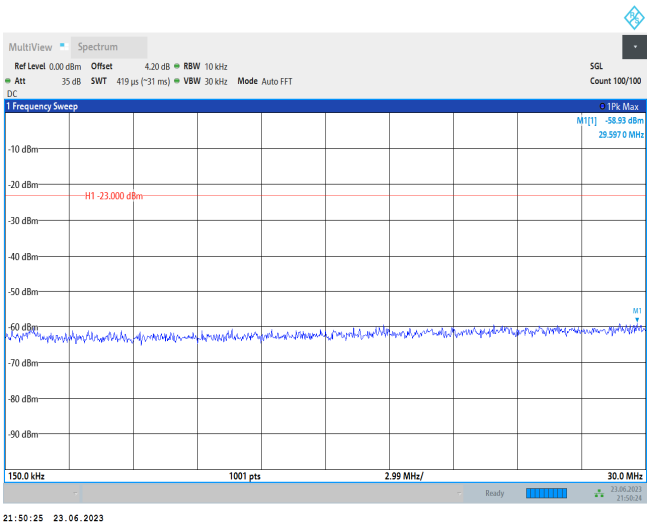
Conducted Spurious Emission

Test Graphs

Band12-10MHz-QPSK-23060-1RB#0-Range1:0.009~0.15MHz



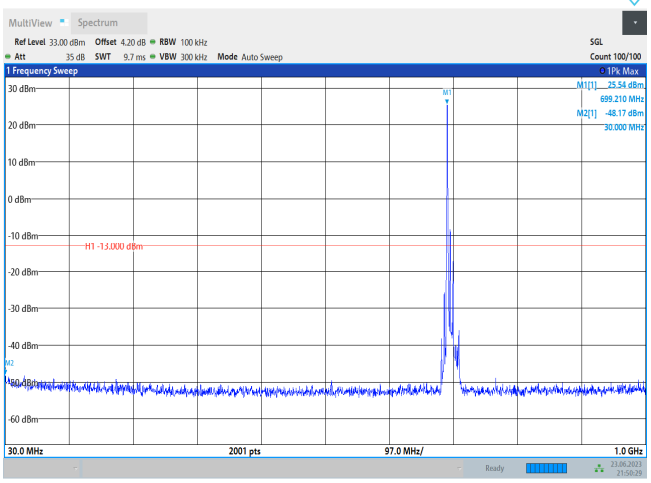
Band12-10MHz-QPSK-23060-1RB#0-Range2:0.15~30MHz



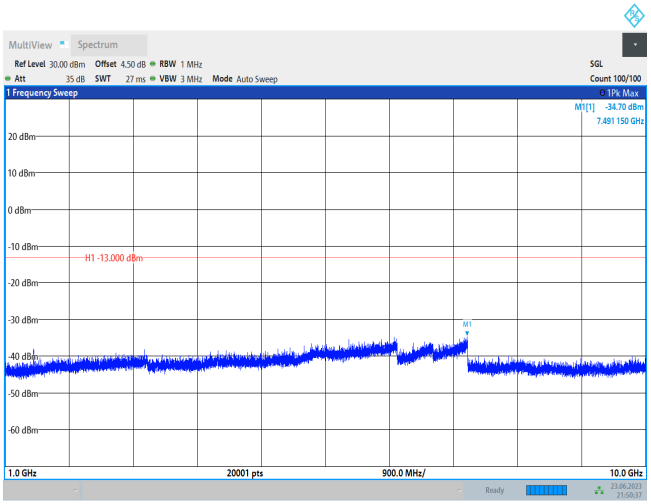
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Band12-10MHz-QPSK-23060-1RB#0-Range3:30~1000MHz



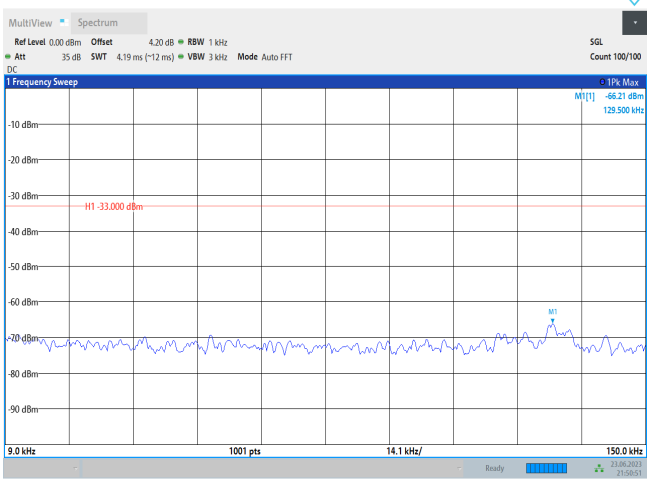
Band12-10MHz-QPSK-23060-1RB#0-Range4:1000~10000MHz



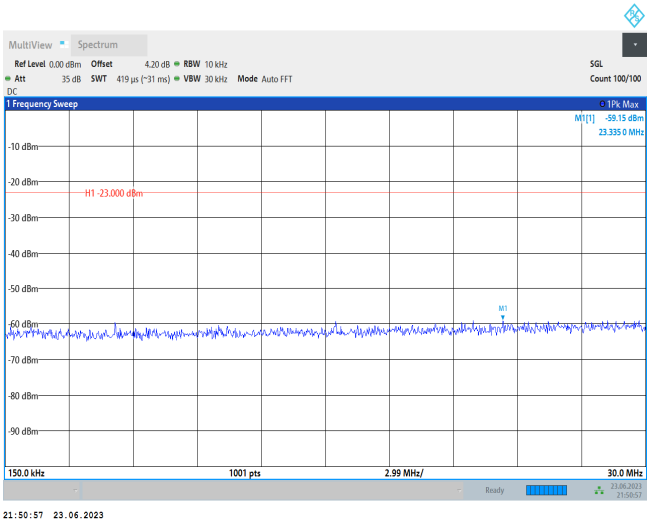
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Band12-10MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz



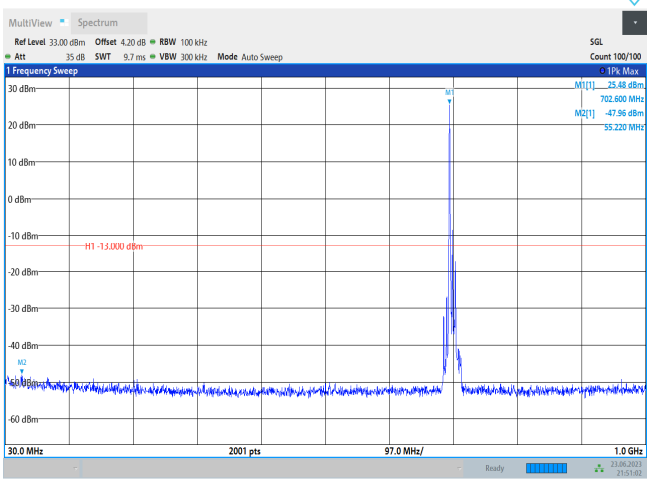
Band12-10MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



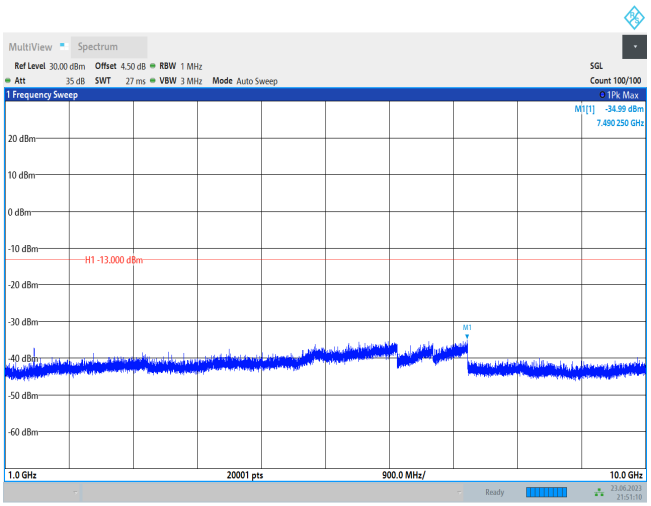
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86–512) 62992980 sgs.china@sgs.com

Band12-10MHz-QPSK-23095-1RB#0-Range3:30~1000MHz



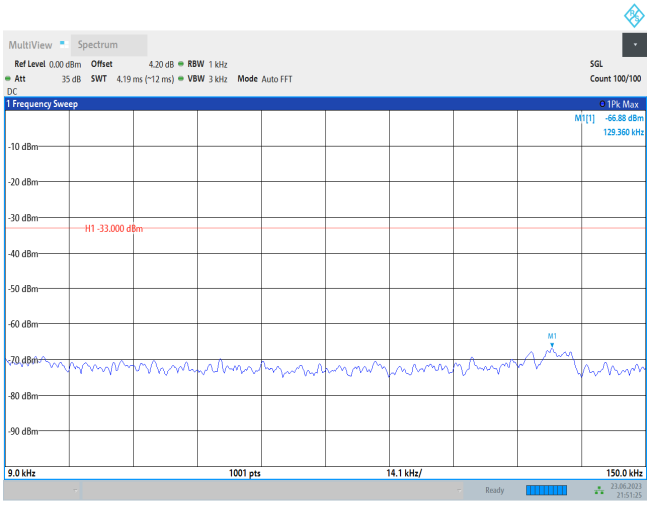
Band12-10MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz



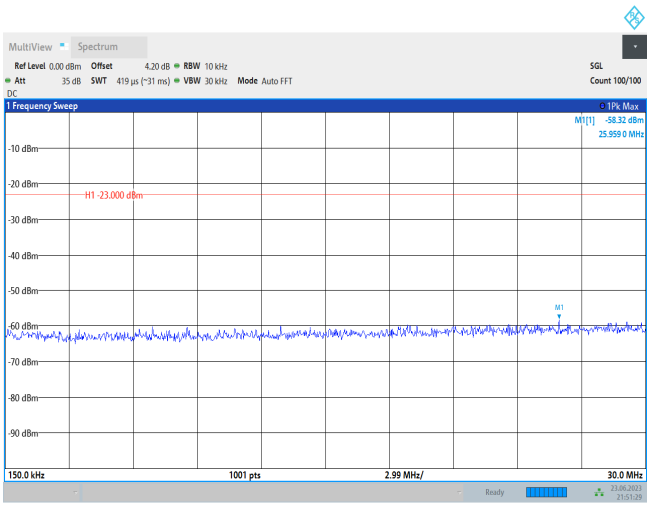
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Band12-10MHz-QPSK-23130-1RB#0-Range1:0.009~0.15MHz



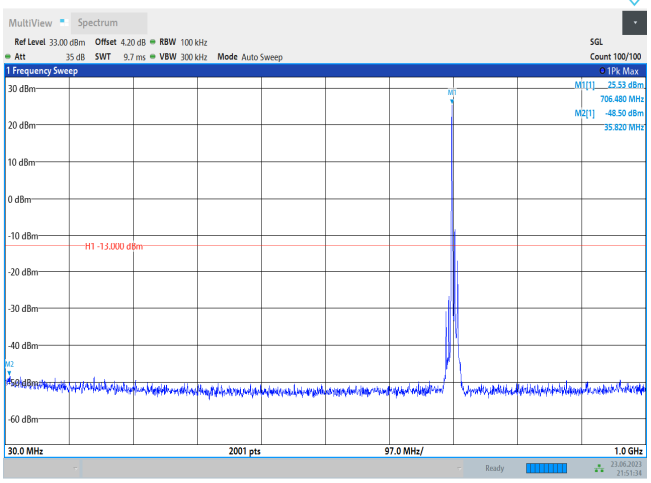
Band12-10MHz-QPSK-23130-1RB#0-Range2:0.15~30MHz



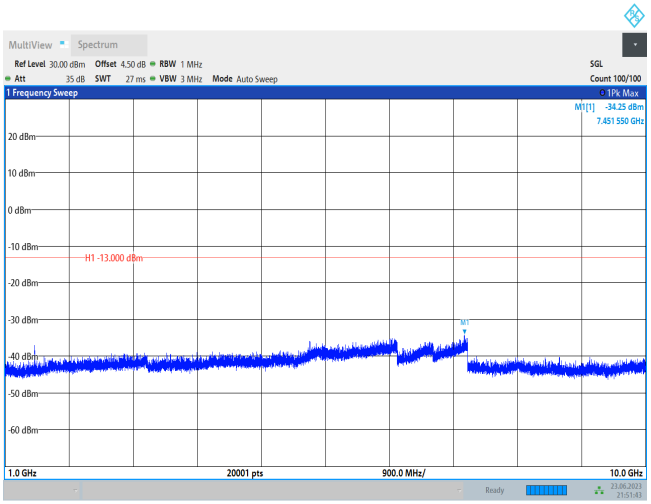
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Band12-10MHz-QPSK-23130-1RB#0-Range3:30~1000MHz



Band12-10MHz-QPSK-23130-1RB#0-Range4:1000~10000MHz



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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Field Strength of Spurious Radiation

Test Band = LTE band 12_ TM1_10MHz
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1399.1800	46.78	-48.00	25.10	-71.38	-13.00	58.38	126	40	Horizontal
2	2098.7700	43.02	-47.71	26.18	-73.78	-13.00	60.78	258	130	Horizontal
3	2798.3600	42.50	-46.92	27.90	-71.78	-13.00	58.78	148	4	Horizontal
4	3497.9500	42.58	-46.54	28.60	-70.62	-13.00	57.62	175	145	Horizontal
5	4197.5400	41.14	-45.96	29.57	-70.50	-13.00	57.50	126	360	Horizontal
6	4897.1300	41.81	-45.58	31.17	-67.86	-13.00	54.86	233	355	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1399.1800	45.55	-48.00	25.10	-72.61	-13.00	59.61	177	150	Vertical
2	2098.7700	43.03	-47.71	26.18	-73.77	-13.00	60.77	159	135	Vertical
3	2798.3600	42.78	-46.92	27.90	-71.50	-13.00	58.50	142	357	Vertical
4	3497.9500	42.43	-46.54	28.60	-70.77	-13.00	57.77	165	176	Vertical
5	4197.5400	40.82	-45.96	29.57	-70.82	-13.00	57.82	185	282	Vertical
6	4897.1300	42.02	-45.58	31.17	-67.65	-13.00	54.65	154	121	Vertical

检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. Wireless 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-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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Test Band = LTE band 12_ TM1_10MHz
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1406.1800	53.80	-48.02	25.10	-64.38	-13.00	51.38	166	54	Horizontal
2	2109.2700	42.85	-47.71	26.21	-73.91	-13.00	60.91	158	360	Horizontal
3	2812.3600	43.30	-46.88	27.93	-70.91	-13.00	57.91	194	305	Horizontal
4	3515.4500	42.65	-46.51	28.62	-70.50	-13.00	57.50	175	332	Horizontal
5	4218.5400	40.65	-45.93	29.63	-70.91	-13.00	57.91	122	360	Horizontal
6	4921.6300	41.60	-45.63	31.23	-68.06	-13.00	55.06	121	332	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1406.1800	47.17	-48.02	25.10	-71.01	-13.00	58.01	177	122	Vertical
2	2109.2700	42.79	-47.71	26.21	-73.97	-13.00	60.97	156	256	Vertical
3	2812.3600	43.14	-46.88	27.93	-71.07	-13.00	58.07	265	357	Vertical
4	3515.4500	42.01	-46.51	28.62	-71.14	-13.00	58.14	188	42	Vertical
5	4218.5400	41.24	-45.93	29.63	-70.32	-13.00	57.32	149	96	Vertical
6	4921.6300	41.64	-45.63	31.23	-68.02	-13.00	55.02	125	242	Vertical

检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. Wireless 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-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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com

Test Band = LTE band 12_ TM1_10MHz
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.1800	50.03	-48.04	25.11	-68.17	-13.00	55.17	284	93	Horizontal
2	2119.7700	43.50	-47.70	26.24	-73.23	-13.00	60.23	176	308	Horizontal
3	2826.3600	43.23	-46.83	27.95	-70.90	-13.00	57.90	236	93	Horizontal
4	3532.9500	42.87	-46.47	28.63	-70.23	-13.00	57.23	251	227	Horizontal
5	4239.5400	41.88	-45.89	29.68	-69.59	-13.00	56.59	144	323	Horizontal
6	4946.1300	41.84	-45.69	31.28	-67.82	-13.00	54.82	172	161	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.1800	45.11	-48.04	25.11	-73.09	-13.00	60.09	266	216	Vertical
2	2119.7700	43.20	-47.70	26.24	-73.53	-13.00	60.53	149	0	Vertical
3	2826.3600	42.83	-46.83	27.95	-71.30	-13.00	58.30	186	357	Vertical
4	3532.9500	41.84	-46.47	28.63	-71.26	-13.00	58.26	254	53	Vertical
5	4239.5400	41.46	-45.89	29.68	-70.01	-13.00	57.01	172	0	Vertical
6	4946.1300	41.71	-45.69	31.28	-67.95	-13.00	54.95	145	67	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

检验检测专用章 Inspection & Testing Services

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

Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-11.90	-0.016820	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	-2.30	-0.003251	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-5.70	-0.008057	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	-7.90	-0.011166	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-7.10	-0.010035	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	-4.70	-0.006643	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-1.20	-0.001696	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-6.70	-0.009470	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-8.80	-0.012438	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-2.30	-0.003251	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-9.40	-0.013286	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	-7.20	-0.010177	PASS

---End of Attachment---

检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. Wireless 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-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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)