

Report No.: SUCR240100001702

Rev.: 01

Page: 1 of 38

Appendix B.23

NR Band n12



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> 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
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号厂房南面 邮编: 215000

t (86-512) 62992980 www.sgs.com
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Effective (Isotropic) Radiated Power Output Data for SA**Test Result Ant1**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
N12	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	24.43	22.78	34.77	PASS
N12	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	24.4	22.75	34.77	PASS
N12	15	5	DFT-PI2BPSK	L	Outer_Full	24.14	22.49	34.77	PASS
N12	15	5	DFT-QPSK	L	Inner_1RB_Left	24.32	22.67	34.77	PASS
N12	15	5	DFT-QPSK	L	Inner_1RB_Right	24.27	22.62	34.77	PASS
N12	15	5	DFT-QPSK	L	Outer_Full	23.66	22.01	34.77	PASS
N12	15	5	DFT-16QAM	L	Inner_1RB_Left	23.76	22.11	34.77	PASS
N12	15	5	DFT-16QAM	L	Inner_1RB_Right	23.71	22.06	34.77	PASS
N12	15	5	DFT-16QAM	L	Outer_Full	22.73	21.08	34.77	PASS
N12	15	5	DFT-64QAM	L	Inner_1RB_Left	22.47	20.82	34.77	PASS
N12	15	5	DFT-64QAM	L	Inner_1RB_Right	22.39	20.74	34.77	PASS
N12	15	5	DFT-64QAM	L	Outer_Full	22.23	20.58	34.77	PASS
N12	15	5	DFT-256QAM	L	Inner_1RB_Left	19.73	18.08	34.77	PASS
N12	15	5	DFT-256QAM	L	Inner_1RB_Right	19.59	17.94	34.77	PASS
N12	15	5	DFT-256QAM	L	Outer_Full	20.15	18.5	34.77	PASS
N12	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	24.34	22.69	34.77	PASS
N12	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	24.37	22.72	34.77	PASS
N12	15	5	DFT-PI2BPSK	M	Outer_Full	24.1	22.45	34.77	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, 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
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号厂房南面 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 3 of 38

N12	15	5	DFT-QPSK	M	Inner_1RB_Left	24.24	22.59	34.77	PASS
N12	15	5	DFT-QPSK	M	Inner_1RB_Right	24.27	22.62	34.77	PASS
N12	15	5	DFT-QPSK	M	Outer_Full	23.68	22.03	34.77	PASS
N12	15	5	DFT-16QAM	M	Inner_1RB_Left	23.68	22.03	34.77	PASS
N12	15	5	DFT-16QAM	M	Inner_1RB_Right	23.66	22.01	34.77	PASS
N12	15	5	DFT-16QAM	M	Outer_Full	22.76	21.11	34.77	PASS
N12	15	5	DFT-64QAM	M	Inner_1RB_Left	22.39	20.74	34.77	PASS
N12	15	5	DFT-64QAM	M	Inner_1RB_Right	22.36	20.71	34.77	PASS
N12	15	5	DFT-64QAM	M	Outer_Full	22.2	20.55	34.77	PASS
N12	15	5	DFT-256QAM	M	Inner_1RB_Left	19.62	17.97	34.77	PASS
N12	15	5	DFT-256QAM	M	Inner_1RB_Right	19.59	17.94	34.77	PASS
N12	15	5	DFT-256QAM	M	Outer_Full	20.08	18.43	34.77	PASS
N12	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	24.34	22.69	34.77	PASS
N12	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	24.33	22.68	34.77	PASS
N12	15	5	DFT-PI2BPSK	H	Outer_Full	24.17	22.52	34.77	PASS
N12	15	5	DFT-QPSK	H	Inner_1RB_Left	24.23	22.58	34.77	PASS
N12	15	5	DFT-QPSK	H	Inner_1RB_Right	24.24	22.59	34.77	PASS
N12	15	5	DFT-QPSK	H	Outer_Full	23.55	21.9	34.77	PASS
N12	15	5	DFT-16QAM	H	Inner_1RB_Left	23.65	22	34.77	PASS
N12	15	5	DFT-16QAM	H	Inner_1RB_Right	23.61	21.96	34.77	PASS
N12	15	5	DFT-16QAM	H	Outer_Full	22.65	21	34.77	PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgs.com
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 4 of 38

N12	15	5	DFT-64QAM	H	Inner_1RB_Left	22.31	20.66	34.77	PASS
N12	15	5	DFT-64QAM	H	Inner_1RB_Right	22.31	20.66	34.77	PASS
N12	15	5	DFT-64QAM	H	Outer_Full	22.1	20.45	34.77	PASS
N12	15	5	DFT-256QAM	H	Inner_1RB_Left	19.54	17.89	34.77	PASS
N12	15	5	DFT-256QAM	H	Inner_1RB_Right	19.51	17.86	34.77	PASS
N12	15	5	DFT-256QAM	H	Outer_Full	20.08	18.43	34.77	PASS
N12	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	24.52	22.87	34.77	PASS
N12	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	24.42	22.77	34.77	PASS
N12	15	10	DFT-PI2BPSK	L	Outer_Full	24.19	22.54	34.77	PASS
N12	15	10	DFT-QPSK	L	Inner_1RB_Left	24.41	22.76	34.77	PASS
N12	15	10	DFT-QPSK	L	Inner_1RB_Right	24.34	22.69	34.77	PASS
N12	15	10	DFT-QPSK	L	Outer_Full	23.69	22.04	34.77	PASS
N12	15	10	DFT-16QAM	L	Inner_1RB_Left	23.64	21.99	34.77	PASS
N12	15	10	DFT-16QAM	L	Inner_1RB_Right	23.62	21.97	34.77	PASS
N12	15	10	DFT-16QAM	L	Outer_Full	22.73	21.08	34.77	PASS
N12	15	10	DFT-64QAM	L	Inner_1RB_Left	22.39	20.74	34.77	PASS
N12	15	10	DFT-64QAM	L	Inner_1RB_Right	22.3	20.65	34.77	PASS
N12	15	10	DFT-64QAM	L	Outer_Full	22.27	20.62	34.77	PASS
N12	15	10	DFT-256QAM	L	Inner_1RB_Left	19.67	18.02	34.77	PASS
N12	15	10	DFT-256QAM	L	Inner_1RB_Right	19.52	17.87	34.77	PASS
N12	15	10	DFT-256QAM	L	Outer_Full	20.19	18.54	34.77	PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgs.com
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

N12	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	24.48	22.83	34.77	PASS
N12	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	24.48	22.83	34.77	PASS
N12	15	10	DFT-PI2BPSK	M	Outer_Full	24.18	22.53	34.77	PASS
N12	15	10	DFT-QPSK	M	Inner_1RB_Left	24.44	22.79	34.77	PASS
N12	15	10	DFT-QPSK	M	Inner_1RB_Right	24.37	22.72	34.77	PASS
N12	15	10	DFT-QPSK	M	Outer_Full	23.68	22.03	34.77	PASS
N12	15	10	DFT-16QAM	M	Inner_1RB_Left	23.59	21.94	34.77	PASS
N12	15	10	DFT-16QAM	M	Inner_1RB_Right	23.67	22.02	34.77	PASS
N12	15	10	DFT-16QAM	M	Outer_Full	22.73	21.08	34.77	PASS
N12	15	10	DFT-64QAM	M	Inner_1RB_Left	22.32	20.67	34.77	PASS
N12	15	10	DFT-64QAM	M	Inner_1RB_Right	22.29	20.64	34.77	PASS
N12	15	10	DFT-64QAM	M	Outer_Full	22.25	20.6	34.77	PASS
N12	15	10	DFT-256QAM	M	Inner_1RB_Left	19.62	17.97	34.77	PASS
N12	15	10	DFT-256QAM	M	Inner_1RB_Right	19.51	17.86	34.77	PASS
N12	15	10	DFT-256QAM	M	Outer_Full	20.04	18.39	34.77	PASS
N12	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	24.37	22.72	34.77	PASS
N12	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	24.28	22.63	34.77	PASS
N12	15	10	DFT-PI2BPSK	H	Outer_Full	24.04	22.39	34.77	PASS
N12	15	10	DFT-QPSK	H	Inner_1RB_Left	24.23	22.58	34.77	PASS
N12	15	10	DFT-QPSK	H	Inner_1RB_Right	24.14	22.49	34.77	PASS
N12	15	10	DFT-QPSK	H	Outer_Full	23.57	21.92	34.77	PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgs.com
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 6 of 38

N12	15	10	DFT-16QAM	H	Inner_1RB_Left	23.47	21.82	34.77	PASS
N12	15	10	DFT-16QAM	H	Inner_1RB_Right	23.52	21.87	34.77	PASS
N12	15	10	DFT-16QAM	H	Outer_Full	22.56	20.91	34.77	PASS
N12	15	10	DFT-64QAM	H	Inner_1RB_Left	22.26	20.61	34.77	PASS
N12	15	10	DFT-64QAM	H	Inner_1RB_Right	22.27	20.62	34.77	PASS
N12	15	10	DFT-64QAM	H	Outer_Full	22.13	20.48	34.77	PASS
N12	15	10	DFT-256QAM	H	Inner_1RB_Left	19.56	17.91	34.77	PASS
N12	15	10	DFT-256QAM	H	Inner_1RB_Right	19.35	17.7	34.77	PASS
N12	15	10	DFT-256QAM	H	Outer_Full	19.91	18.26	34.77	PASS
N12	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	24.11	22.46	34.77	PASS
N12	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.95	22.3	34.77	PASS
N12	15	15	DFT-PI2BPSK	L	Outer_Full	24.18	22.53	34.77	PASS
N12	15	15	DFT-QPSK	L	Inner_1RB_Left	24.04	22.39	34.77	PASS
N12	15	15	DFT-QPSK	L	Inner_1RB_Right	24.05	22.4	34.77	PASS
N12	15	15	DFT-QPSK	L	Outer_Full	24.23	22.58	34.77	PASS
N12	15	15	DFT-16QAM	L	Inner_1RB_Left	24.13	22.48	34.77	PASS
N12	15	15	DFT-16QAM	L	Inner_1RB_Right	24.04	22.39	34.77	PASS
N12	15	15	DFT-16QAM	L	Outer_Full	23.39	21.74	34.77	PASS
N12	15	15	DFT-64QAM	L	Inner_1RB_Left	23.07	21.42	34.77	PASS
N12	15	15	DFT-64QAM	L	Inner_1RB_Right	22.77	21.12	34.77	PASS
N12	15	15	DFT-64QAM	L	Outer_Full	22.85	21.2	34.77	PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgs.com
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 7 of 38

N12	15	15	DFT-256QAM	L	Inner_1RB_Left	20.38	18.73	34.77	PASS
N12	15	15	DFT-256QAM	L	Inner_1RB_Right	20.05	18.4	34.77	PASS
N12	15	15	DFT-256QAM	L	Outer_Full	20.76	19.11	34.77	PASS
N12	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	24.23	22.58	34.77	PASS
N12	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.97	22.32	34.77	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	24.17	22.52	34.77	PASS
N12	15	15	DFT-QPSK	M	Inner_1RB_Left	24.07	22.42	34.77	PASS
N12	15	15	DFT-QPSK	M	Inner_1RB_Right	24.02	22.37	34.77	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	24.27	22.62	34.77	PASS
N12	15	15	DFT-16QAM	M	Inner_1RB_Left	24.15	22.5	34.77	PASS
N12	15	15	DFT-16QAM	M	Inner_1RB_Right	23.97	22.32	34.77	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	23.34	21.69	34.77	PASS
N12	15	15	DFT-64QAM	M	Inner_1RB_Left	22.98	21.33	34.77	PASS
N12	15	15	DFT-64QAM	M	Inner_1RB_Right	22.79	21.14	34.77	PASS
N12	15	15	DFT-64QAM	M	Outer_Full	22.81	21.16	34.77	PASS
N12	15	15	DFT-256QAM	M	Inner_1RB_Left	20.36	18.71	34.77	PASS
N12	15	15	DFT-256QAM	M	Inner_1RB_Right	20.01	18.36	34.77	PASS
N12	15	15	DFT-256QAM	M	Outer_Full	20.72	19.07	34.77	PASS
N12	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	24.02	22.37	34.77	PASS
N12	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.9	22.25	34.77	PASS
N12	15	15	DFT-PI2BPSK	H	Outer_Full	24.15	22.5	34.77	PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 8 of 38

N12	15	15	DFT-QPSK	H	Inner_1RB_Left	24.07	22.42	34.77	PASS
N12	15	15	DFT-QPSK	H	Inner_1RB_Right	24	22.35	34.77	PASS
N12	15	15	DFT-QPSK	H	Outer_Full	24.2	22.55	34.77	PASS
N12	15	15	DFT-16QAM	H	Inner_1RB_Left	24.2	22.55	34.77	PASS
N12	15	15	DFT-16QAM	H	Inner_1RB_Right	23.9	22.25	34.77	PASS
N12	15	15	DFT-16QAM	H	Outer_Full	23.39	21.74	34.77	PASS
N12	15	15	DFT-64QAM	H	Inner_1RB_Left	23.01	21.36	34.77	PASS
N12	15	15	DFT-64QAM	H	Inner_1RB_Right	22.68	21.03	34.77	PASS
N12	15	15	DFT-64QAM	H	Outer_Full	22.83	21.18	34.77	PASS
N12	15	15	DFT-256QAM	H	Inner_1RB_Left	20.34	18.69	34.77	PASS
N12	15	15	DFT-256QAM	H	Inner_1RB_Right	20.06	18.41	34.77	PASS
N12	15	15	DFT-256QAM	H	Outer_Full	20.64	18.99	34.77	PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 9 of 38

Peak-to-Average Ratio for SA

Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N12	15	15	DFT-256QAM	L	Outer_Full	6.74	13	PASS
N12	15	15	CP-256QAM	L	Outer_Full	8.63	13	PASS
N12	15	15	DFT-256QAM	M	Outer_Full	6.74	13	PASS
N12	15	15	CP-256QAM	M	Outer_Full	8.76	13	PASS
N12	15	15	DFT-256QAM	H	Outer_Full	6.71	13	PASS
N12	15	15	CP-256QAM	H	Outer_Full	8.79	13	PASS



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

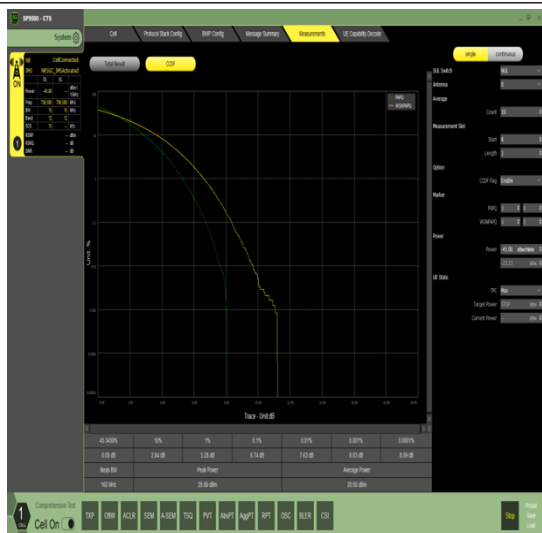
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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号厂房南面 邮编: 215000

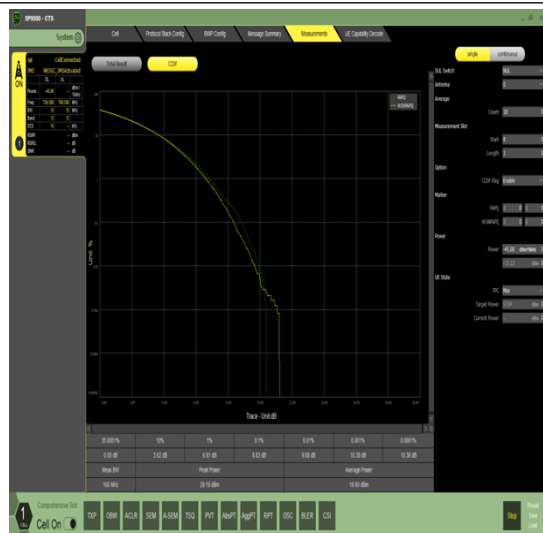
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Test Graphs



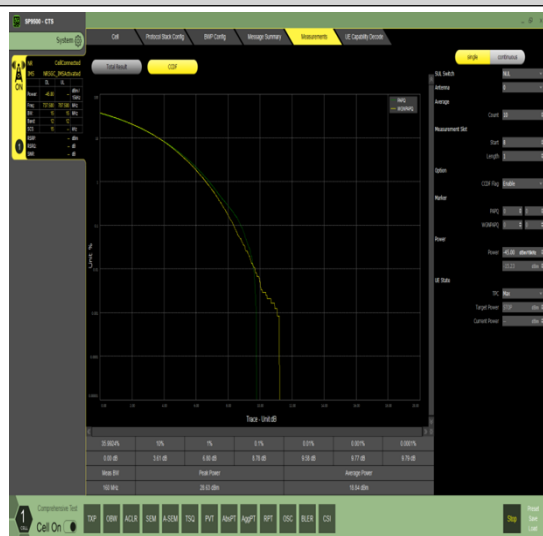
1-N12-15-15-L-14-DFT-256QAM-Outer_Full-75@0-
20.79-20.79-19~27.5-PASS



1-N12-15-15-L-15-CP-256QAM-Outer_Full-79@0-
18.78-18.78-19~27.5-PASS



1-N12-15-15-M-14-DFT-256QAM-Outer_Full-75@0-
20.85-20.85-19~27.5-PASS



1-N12-15-15-M-15-CP-256QAM-Outer_Full-79@0-
18.80-18.80-19~27.5-PASS



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

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

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.sgs.com
 中国·苏州·中国(江苏)自由贸易试验区苏州片区工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 11 of 38



1-N12-15-15-H-14-DFT-256QAM-Outer_Full-75@0-
20.85-20.85-19~27.5-PASS



1-N12-15-15-H-15-CP-256QAM-Outer_Full-79@0-
18.80-18.80-19~27.5-PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N12	15	5	DFT-QPSK	M	Outer_Full	4.486	4.990	PASS
N12	15	5	DFT-PI2BPSK	M	Outer_Full	4.46	5.100	PASS
N12	15	5	DFT-16QAM	M	Outer_Full	4.492	5.020	PASS
N12	15	5	DFT-64QAM	M	Outer_Full	4.512	5.160	PASS
N12	15	5	DFT-256QAM	M	Outer_Full	4.491	5.150	PASS
N12	15	5	CP-QPSK	M	Outer_Full	4.537	5.190	PASS
N12	15	5	CP-16QAM	M	Outer_Full	4.516	5.120	PASS
N12	15	5	CP-64QAM	M	Outer_Full	4.534	5.180	PASS
N12	15	5	CP-256QAM	M	Outer_Full	4.486	5.120	PASS
N12	15	10	DFT-QPSK	M	Outer_Full	8.921	9.520	PASS
N12	15	10	DFT-PI2BPSK	M	Outer_Full	8.916	9.600	PASS
N12	15	10	DFT-16QAM	M	Outer_Full	8.937	9.620	PASS
N12	15	10	DFT-64QAM	M	Outer_Full	8.923	9.480	PASS
N12	15	10	DFT-256QAM	M	Outer_Full	8.922	9.560	PASS
N12	15	10	CP-QPSK	M	Outer_Full	9.261	10.180	PASS
N12	15	10	CP-16QAM	M	Outer_Full	9.26	9.940	PASS
N12	15	10	CP-64QAM	M	Outer_Full	9.267	10.000	PASS
N12	15	10	CP-256QAM	M	Outer_Full	9.292	10.040	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	13.474	14.550	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	13.455	14.460	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	13.507	14.580	PASS
N12	15	15	DFT-64QAM	M	Outer_Full	13.454	14.520	PASS
N12	15	15	DFT-256QAM	M	Outer_Full	13.454	14.520	PASS
N12	15	15	CP-QPSK	M	Outer_Full	14.116	15.180	PASS
N12	15	15	CP-16QAM	M	Outer_Full	14.114	15.210	PASS
N12	15	15	CP-64QAM	M	Outer_Full	14.189	15.360	PASS
N12	15	15	CP-256QAM	M	Outer_Full	14.148	15.210	PASS



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

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

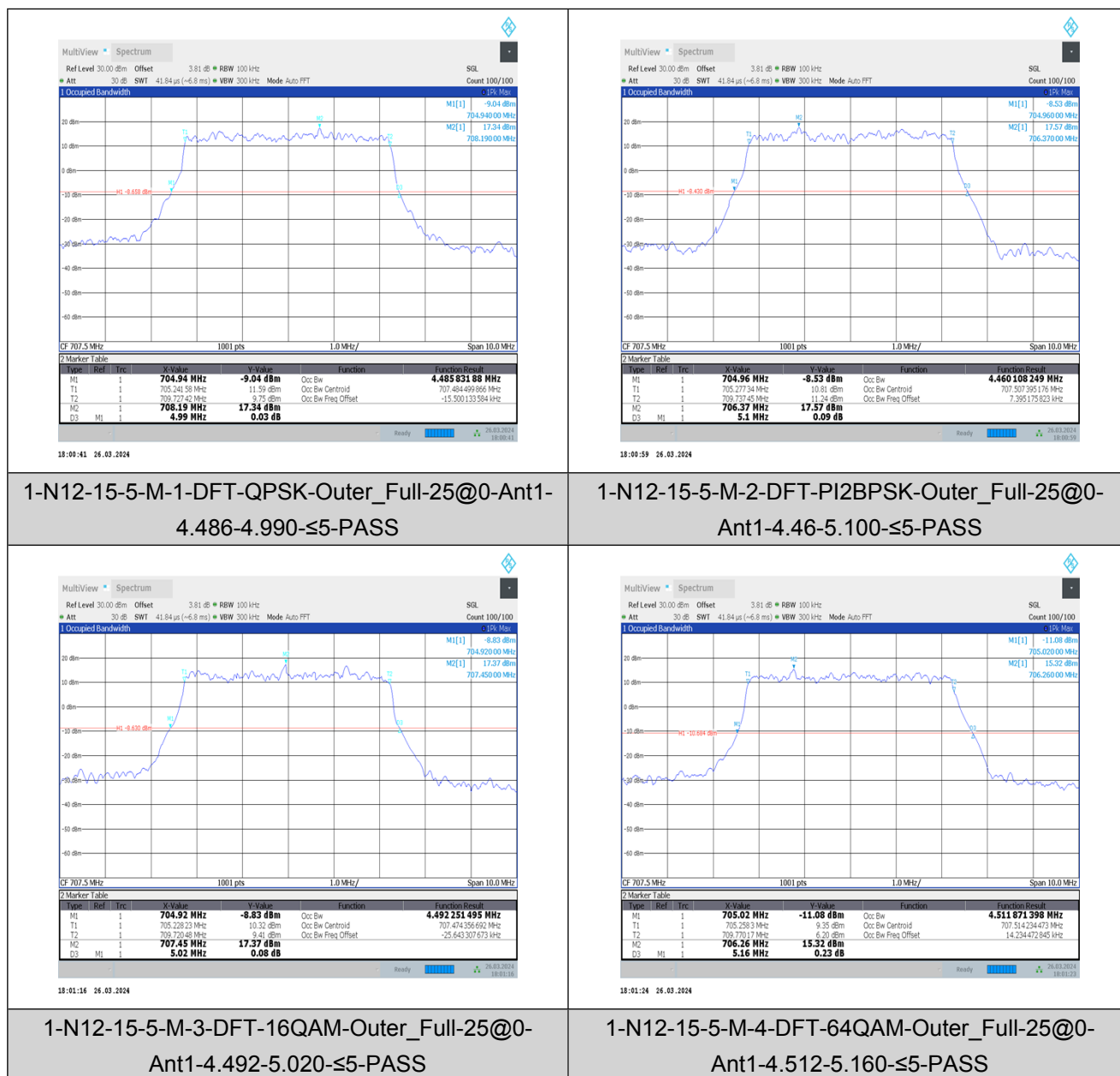
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SUCR240100001702

Rev.: 01

Page: 13 of 38

Test Graphs



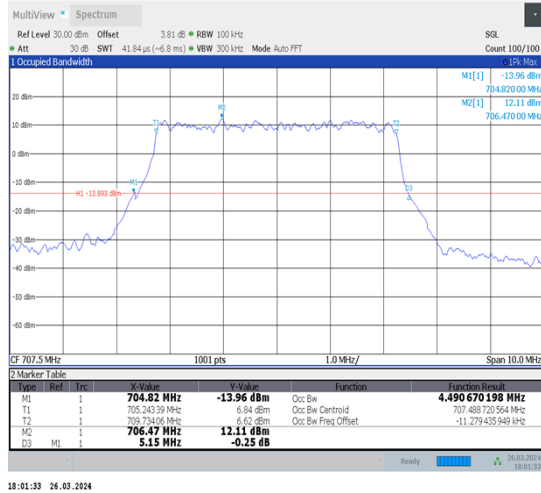
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

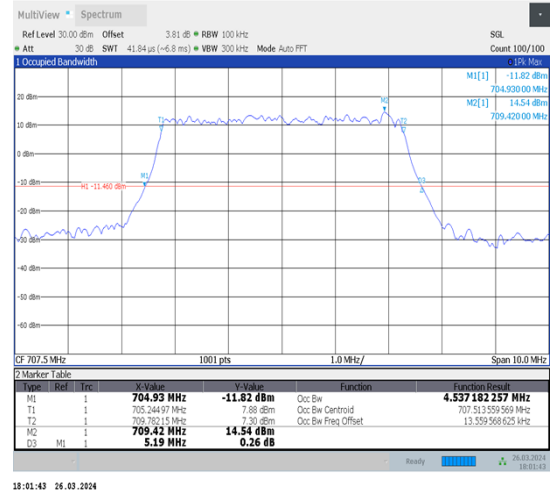
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

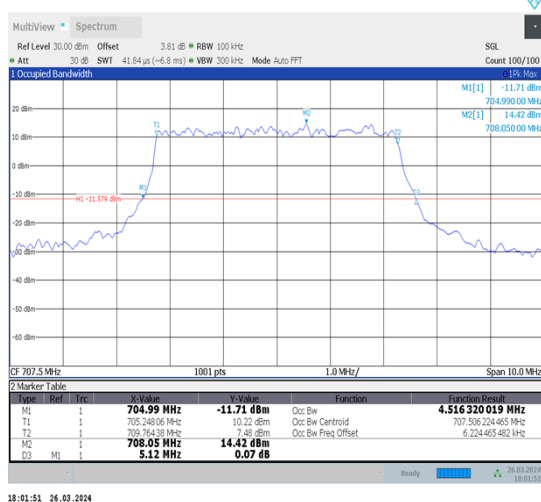
Member of the SGS Group (SGS SA)



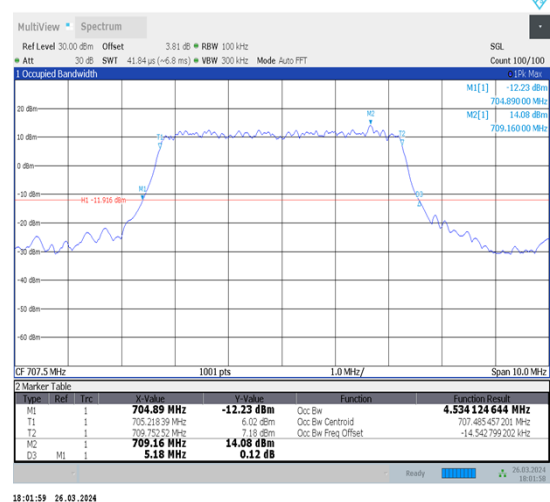
1-N12-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.491-5.150-≤5-PASS



1-N12-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.537-5.190-≤5-PASS



1-N12-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-4.516-5.120-≤5-PASS



1-N12-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1-4.534-5.180-≤5-PASS



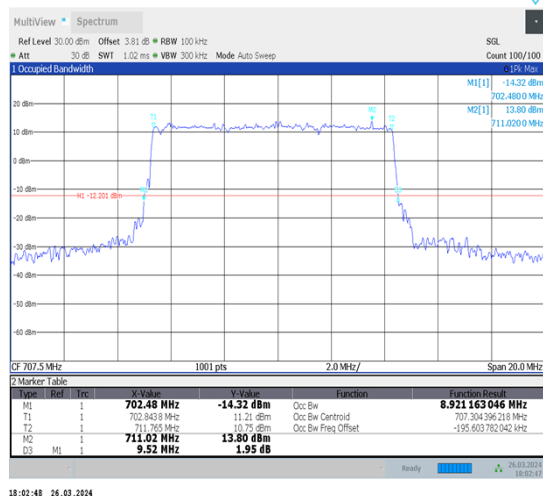
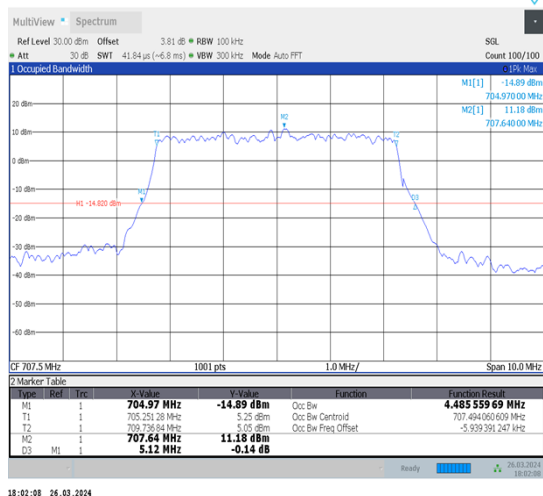
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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号厂房南楼 邮编：215000

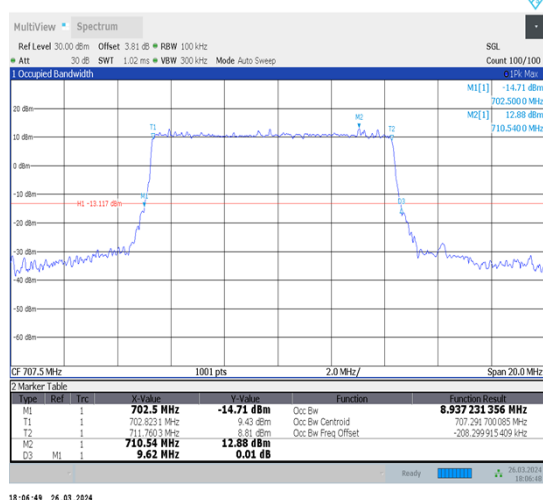
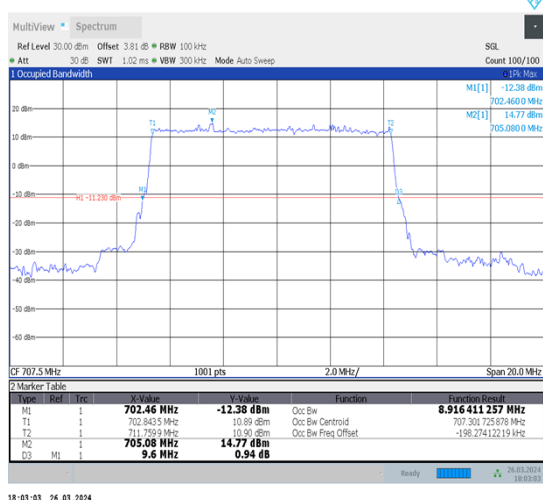
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



1-N12-15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant1-4.486-5.120-≤5-PASS

1-N12-15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.921-9.520-≤10-PASS



1-N12-15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.916-9.600-≤10-PASS

1-N12-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.937-9.620-≤10-PASS



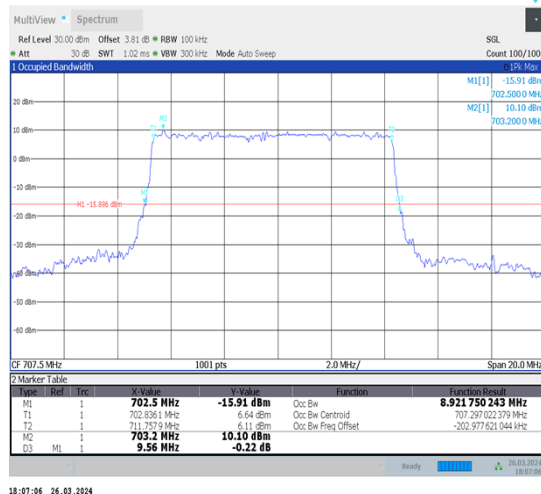
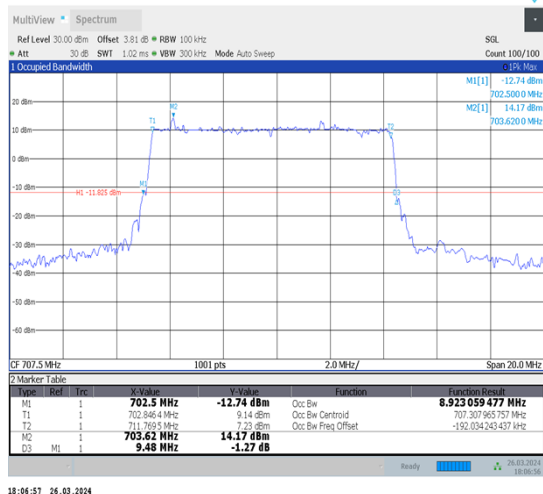
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, 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
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号厂房南楼 邮编: 215000

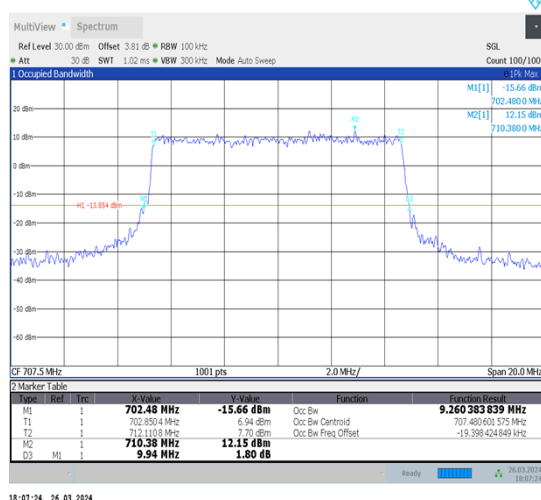
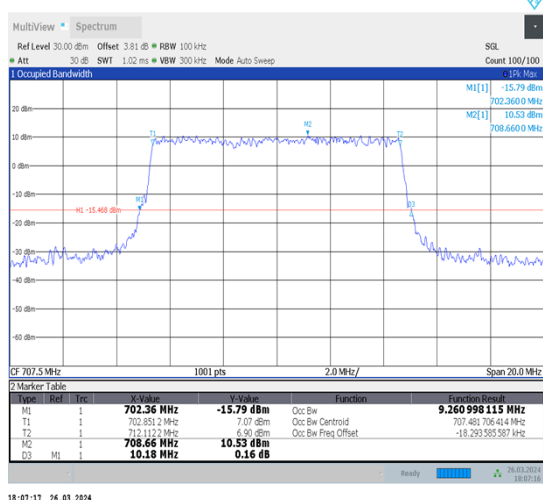
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



1-N12-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.923-9.480-≤10-PASS

1-N12-15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.922-9.560-≤10-PASS



1-N12-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-9.261-10.180-≤10-PASS

1-N12-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-9.26-9.940-≤10-PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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号厂房南楼 邮编：215000

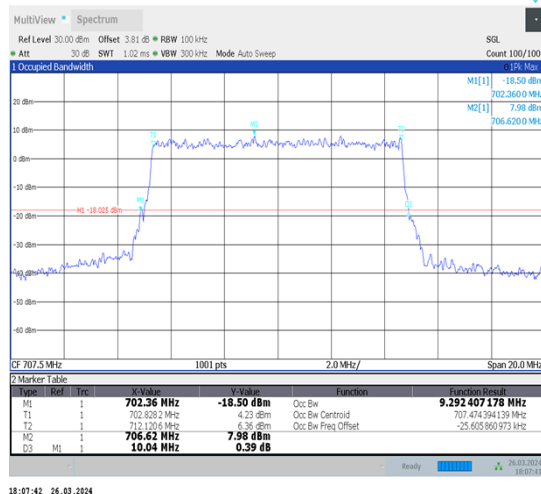
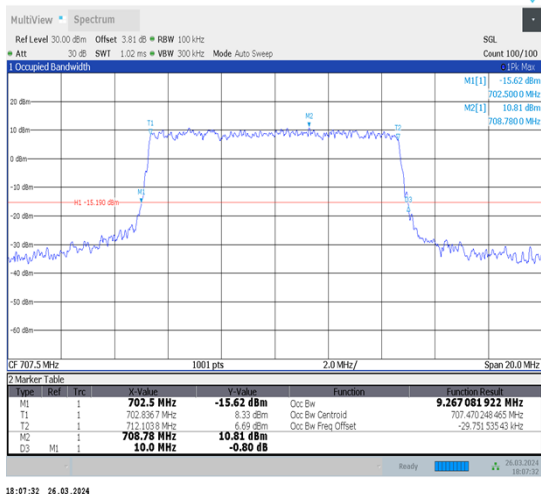
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

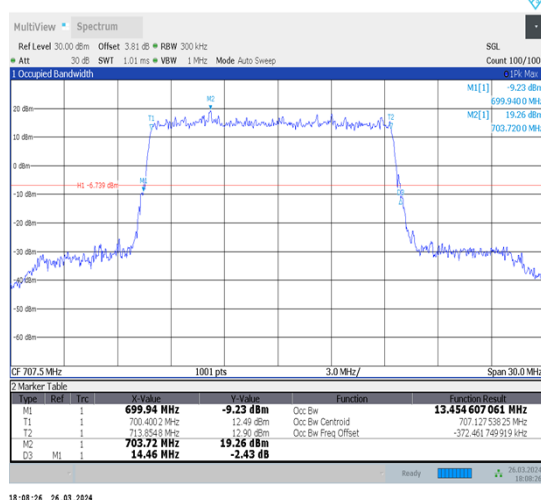
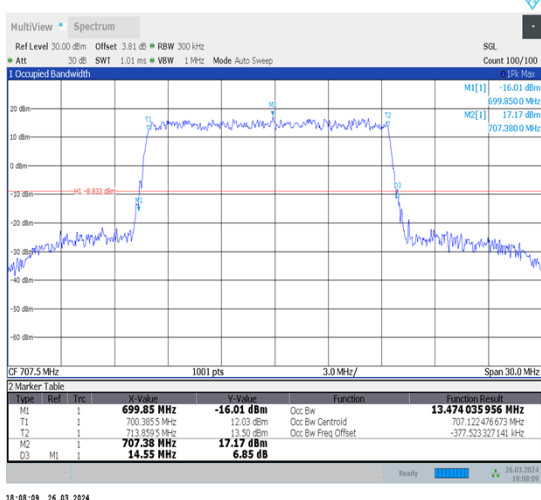
Rev.: 01

Page: 17 of 38



1-N12-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-9.267-10.000-≤10-PASS

1-N12-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant1-9.292-10.040-≤10-PASS



1-N12-15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.474-14.550-≤15-PASS

1-N12-15-15-M-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.455-14.460-≤15-PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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号厂房南楼 邮编：215000

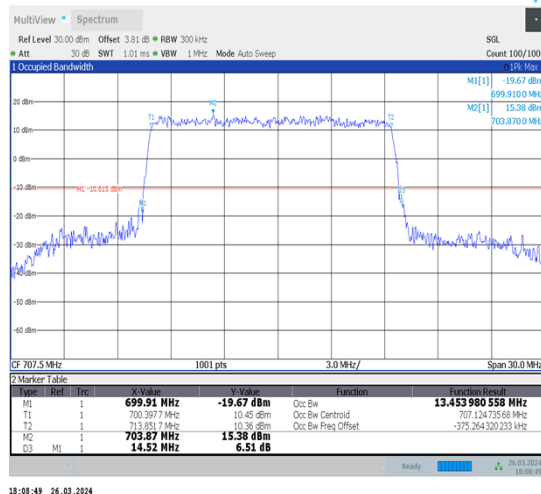
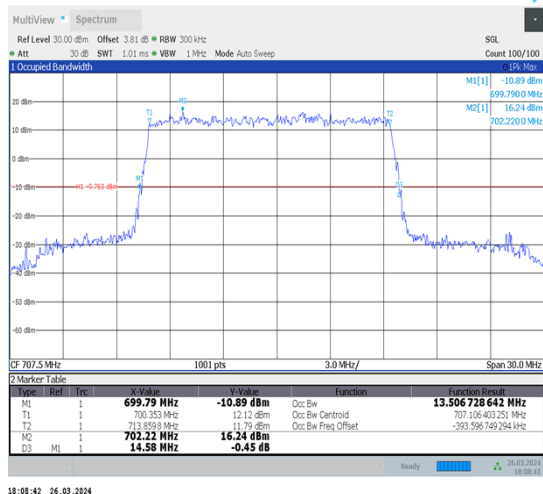
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

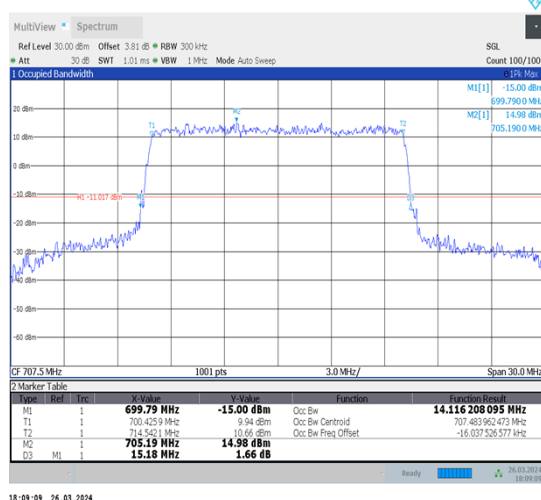
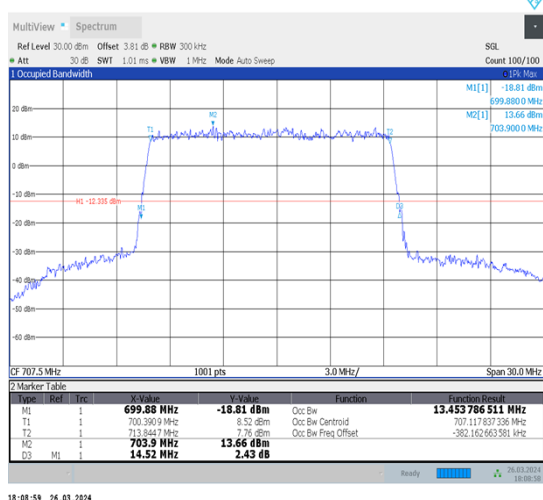
Rev.: 01

Page: 18 of 38



1-N12-15-15-M-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.507-14.580-≤15-PASS

1-N12-15-15-M-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.454-14.520-≤15-PASS



1-N12-15-15-M-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.454-14.520-≤15-PASS

1-N12-15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant1-14.116-15.180-≤15-PASS



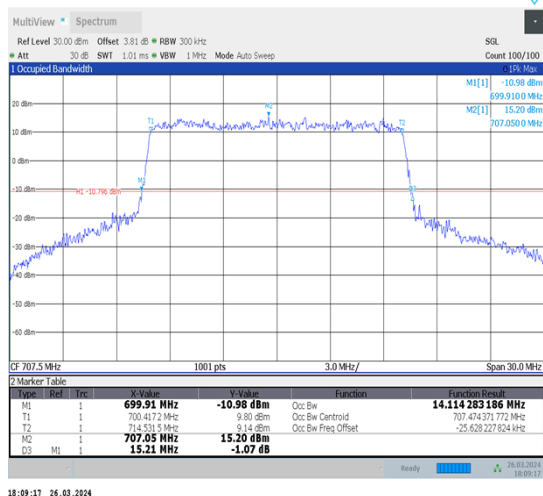
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

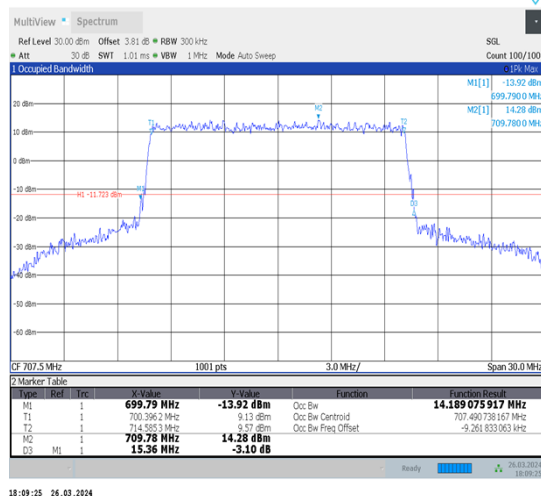
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编：215000

t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

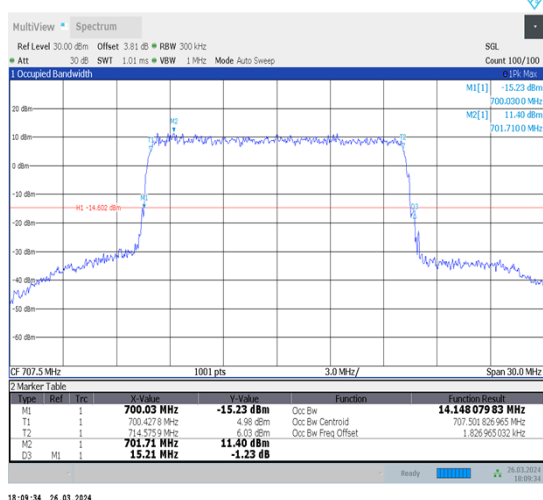
Member of the SGS Group (SGS SA)



1-N12-15-15-M-7-CP-16QAM-Outet_Full-79@0-Ant1-14.114-15.210-≤15-PASS



1-N12-15-15-M-8-CP-64QAM-Outet_Full-79@0-Ant1-14.189-15.360-≤15-PASS



1-N12-15-15-M-9-CP-256QAM-Outet_Full-79@0-Ant1-14.148-15.210-≤15-PASS



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

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

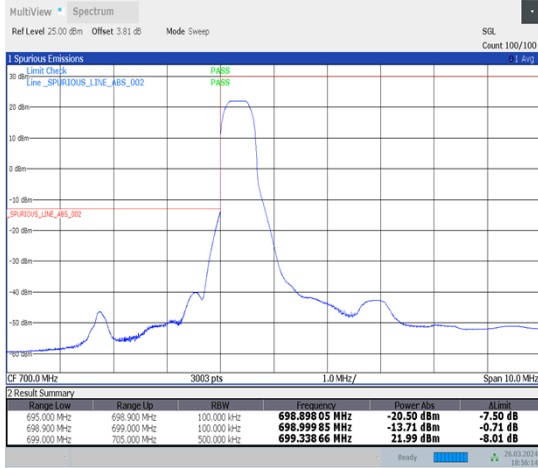
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Band Edge for SA

Test Graphs



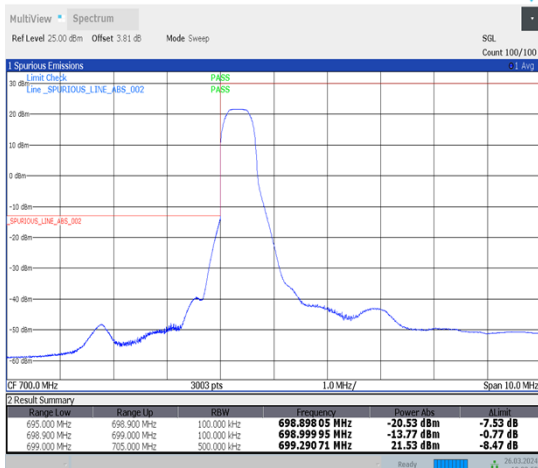
18:56:15 26.03.2024

1-N12-15-5-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



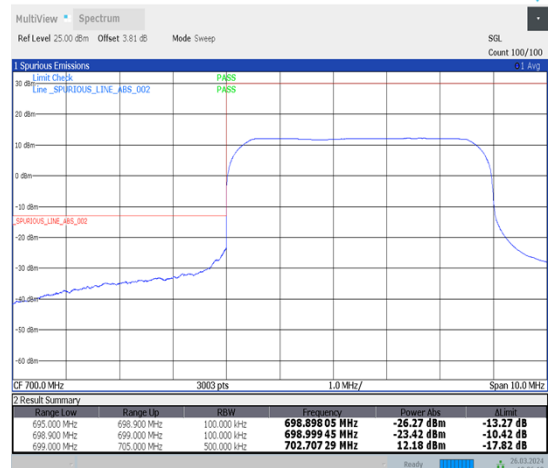
18:59:35 26.03.2024

1-N12-15-5-L-3-DFT-PI2BPSK-Outer_Full-25@0-Ant1-1--PASS-see graph



19:02:58 26.03.2024

1-N12-15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



19:04:19 26.03.2024

1-N12-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-1--PASS-see graph



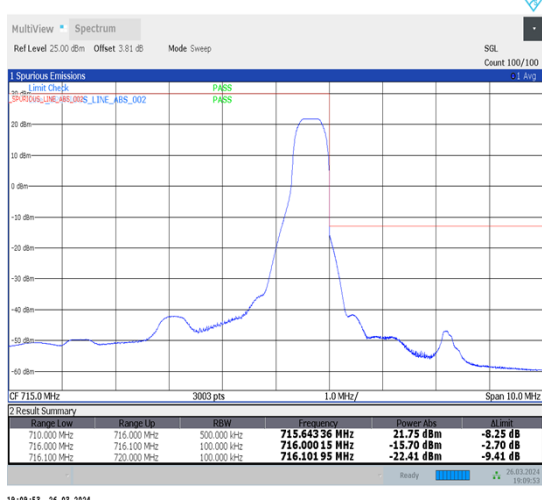
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

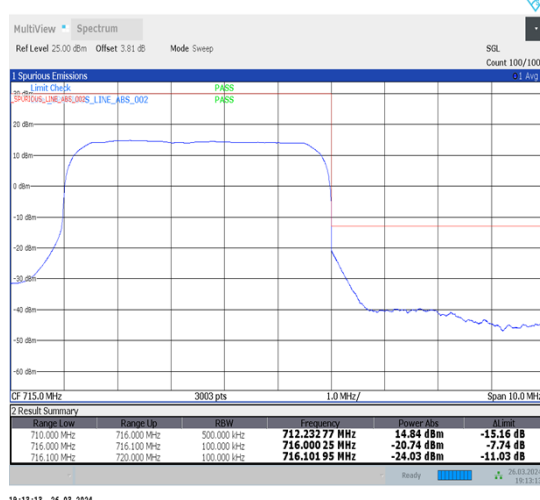
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

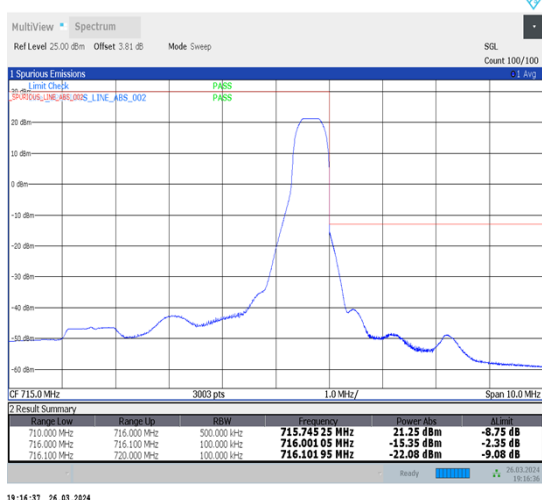
Member of the SGS Group (SGS SA)



1-N12-15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@24-Ant1-1--PASS-see graph



1-N12-15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0-Ant1-1--PASS-see graph



1-N12-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant1-1--PASS-see graph



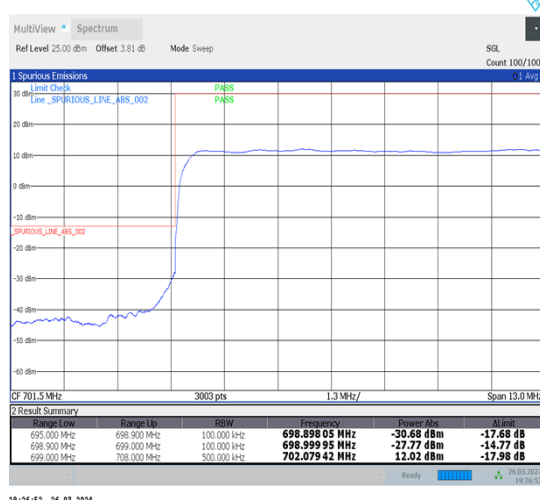
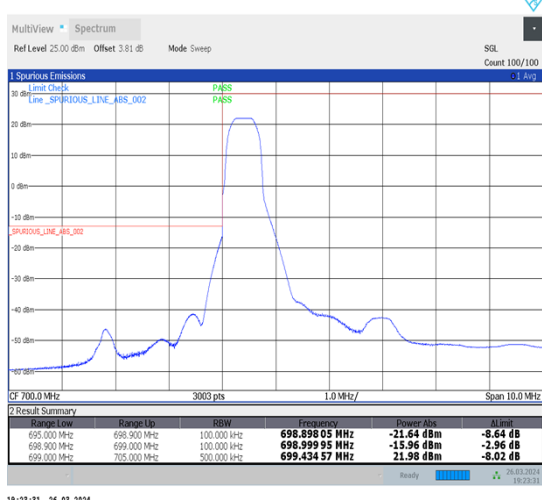
1-N12-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-1--PASS-see graph



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

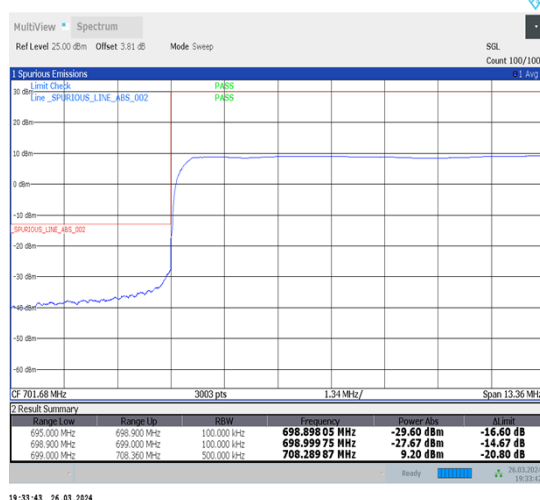
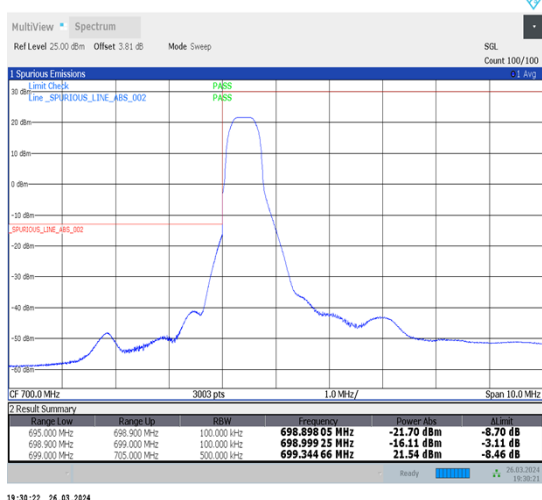
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N12-15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N12-15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1--PASS-see graph



1-N12-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N12-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-1--PASS-see graph



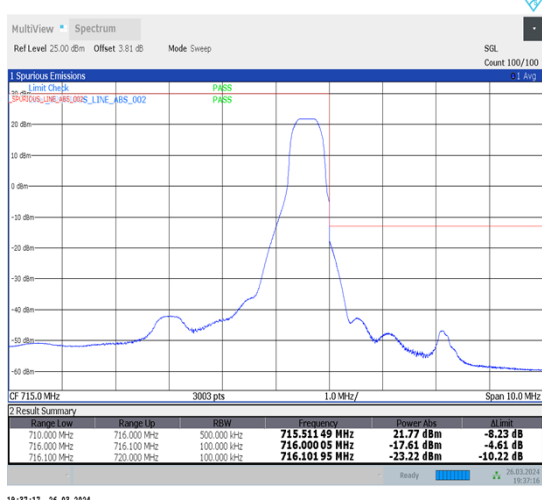
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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号厂房南楼 邮编：215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

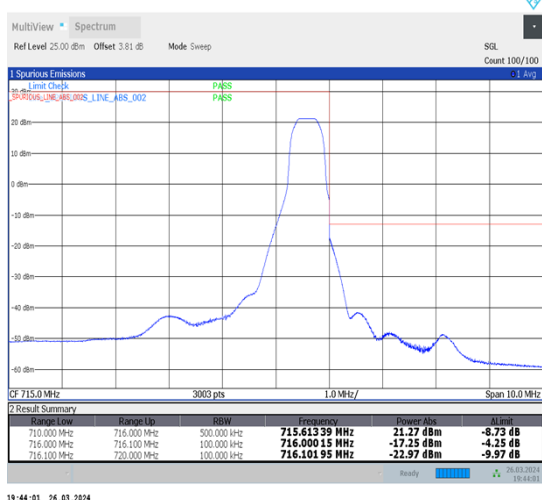
Member of the SGS Group (SGS SA)



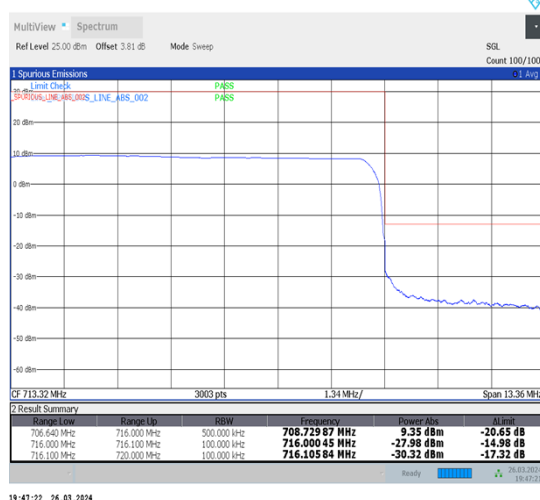
1-N12-15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@51-Ant1-1--PASS-see graph



1-N12-15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1--PASS-see graph



1-N12-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant1-1--PASS-see graph



1-N12-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-1--PASS-see graph



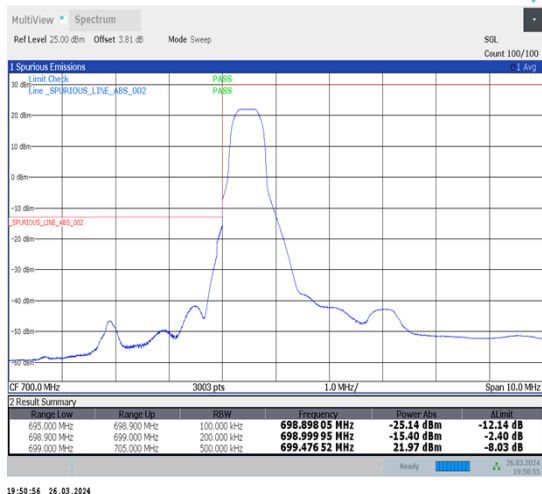
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

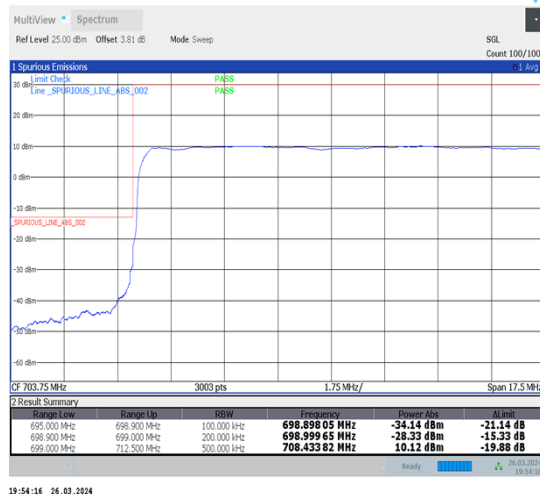
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编：215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

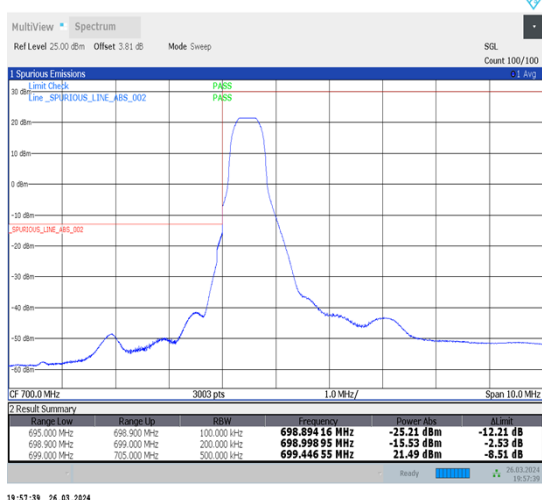
Member of the SGS Group (SGS SA)



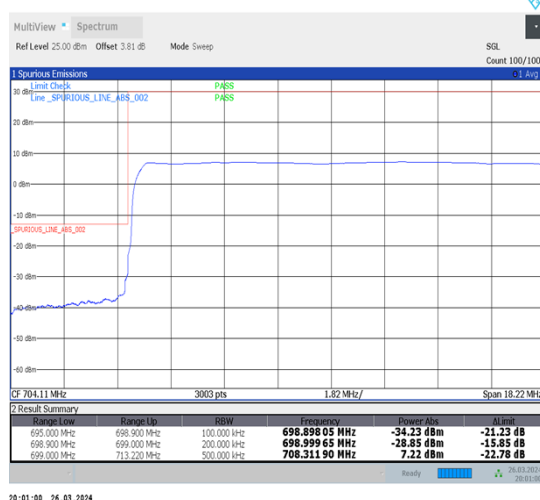
1-N12-15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N12-15-15-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1--PASS-see graph



1-N12-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



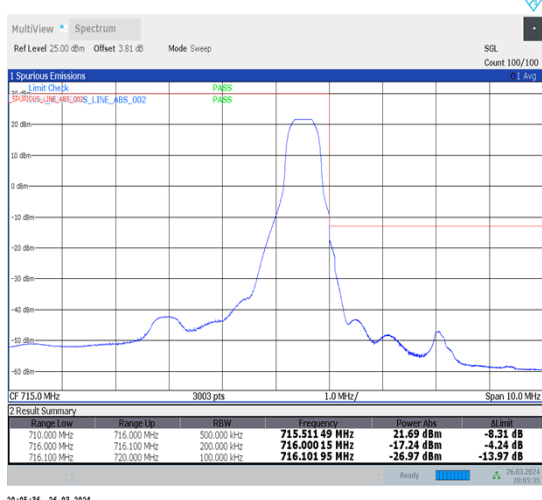
1-N12-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-1--PASS-see graph



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

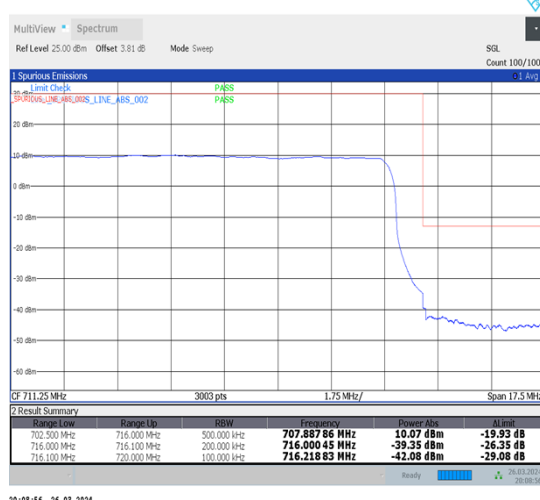
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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号厂房南楼 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com



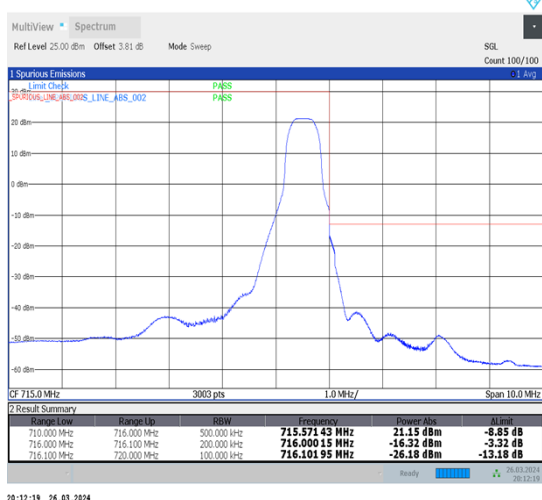
20:05:36 26.03.2024

1-N12-15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@78-Ant1-1--PASS-see graph



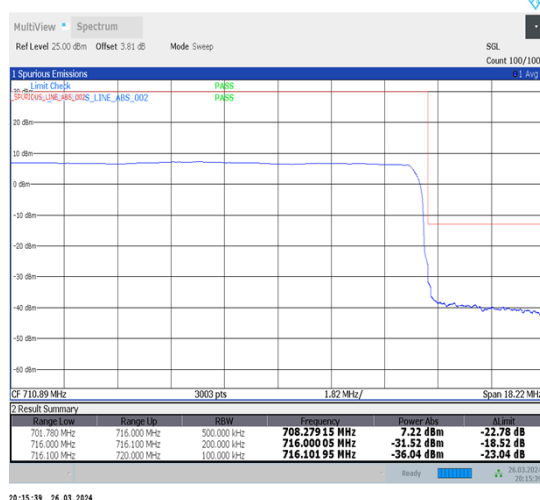
20:08:56 26.03.2024

1-N12-15-15-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1--PASS-see graph



20:12:19 26.03.2024

1-N12-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant1-1--PASS-see graph



20:15:39 26.03.2024

1-N12-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-1--PASS-see graph



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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号厂房南楼 邮编：215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

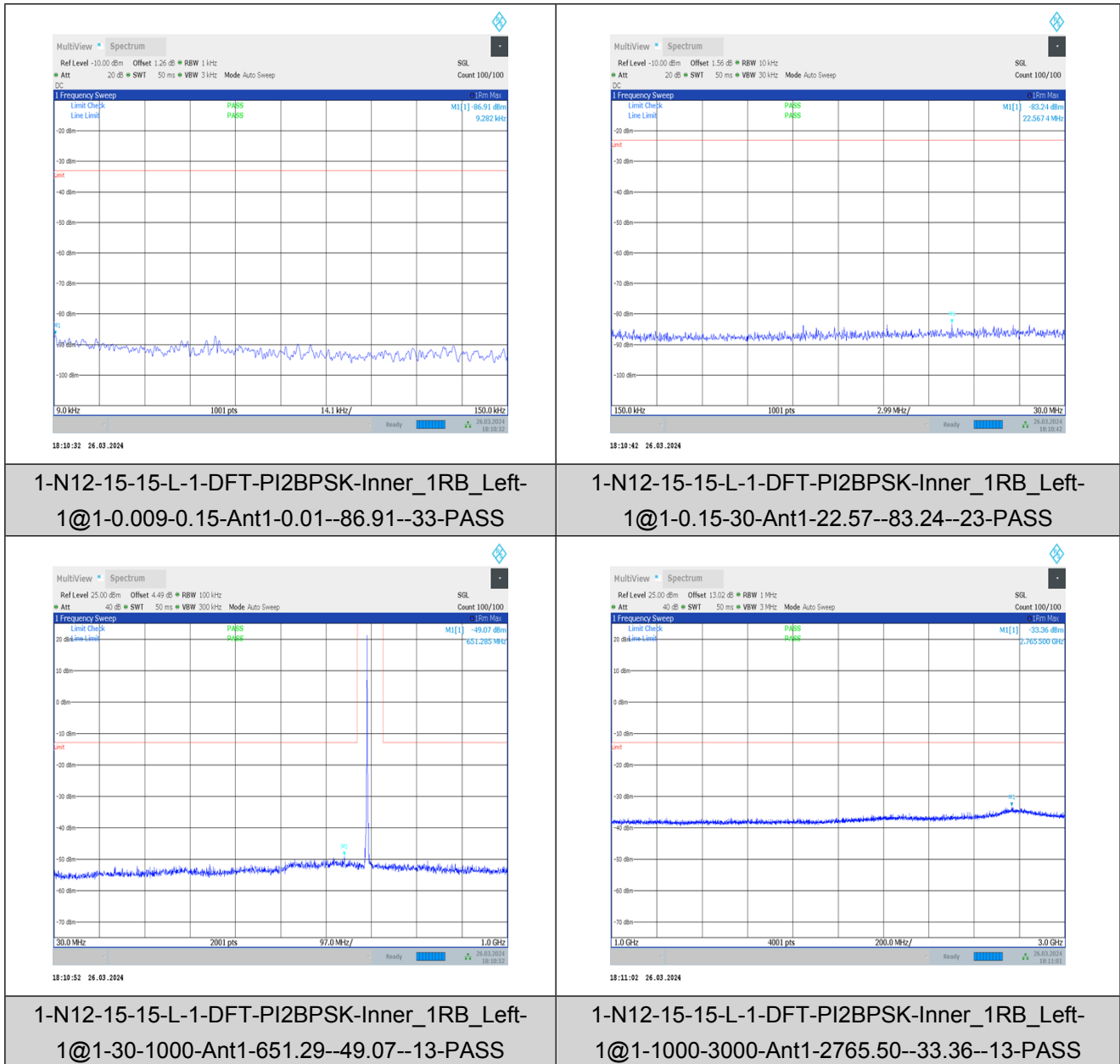
Report No.: SUCR240100001702

Rev.: 01

Page: 26 of 38

Conducted Spurious Emission for SA

Test Graphs



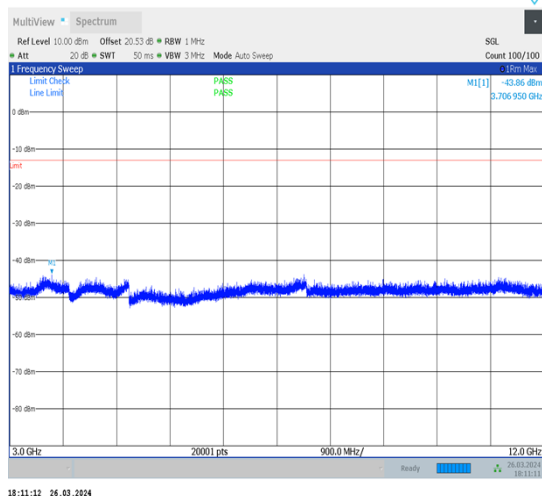
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

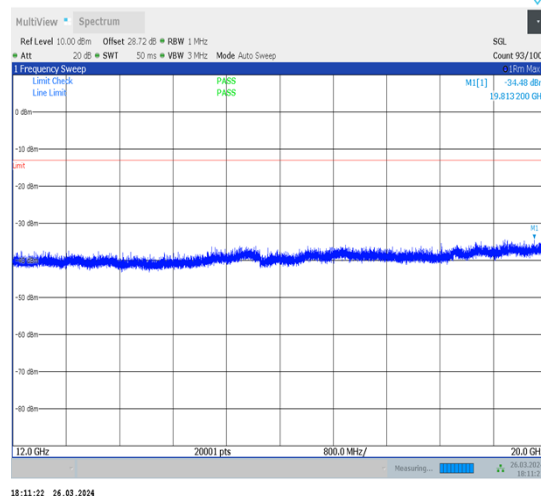
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区工业园区润胜路1号的6号厂房南楼 邮编：215000

t (86-512) 62992980 www.sgs.com
t (86-512) 62992980 sgs.china@sgs.com

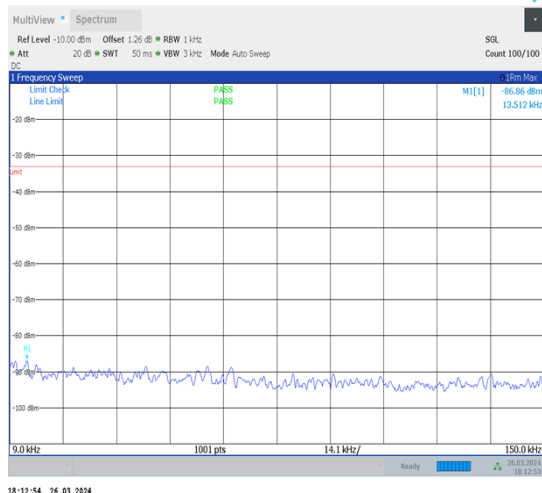
Member of the SGS Group (SGS SA)



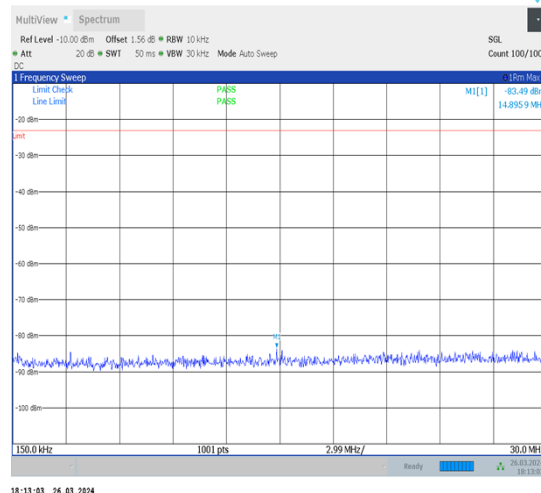
1-N12-15-15-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-3706.95--43.86--13-PASS



1-N12-15-15-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant1-19813.20--34.48--13-PASS



1-N12-15-15-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.01--86.86--33-PASS



1-N12-15-15-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-14.90--83.49--23-PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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号厂房南楼 邮编：215000

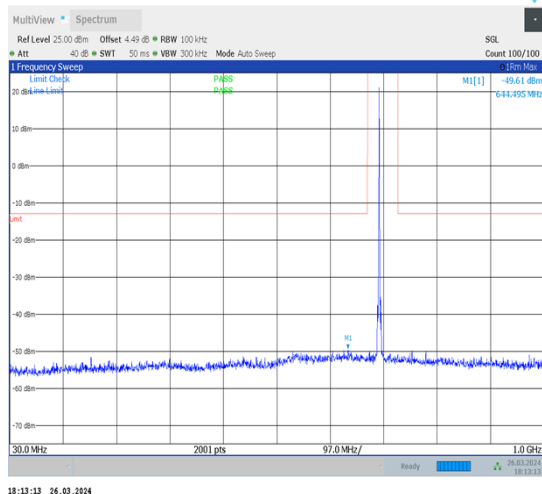
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

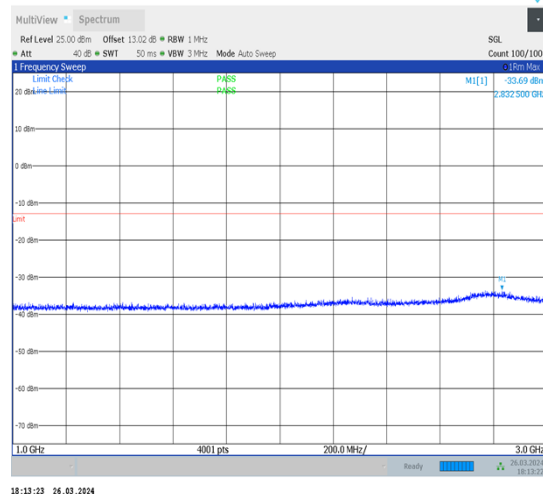
Report No.: SUCR240100001702

Rev.: 01

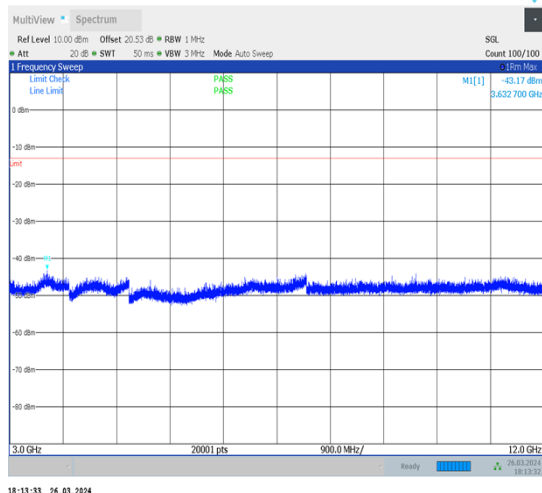
Page: 28 of 38



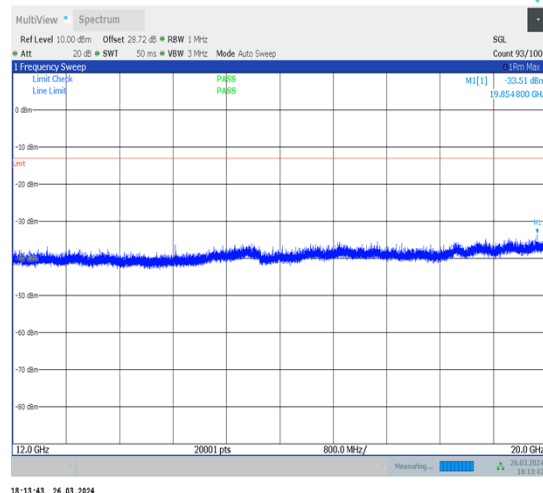
1-N12-15-15-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-644.50--49.61--13-PASS



1-N12-15-15-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2832.50--33.69--13-PASS



1-N12-15-15-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-3632.70--43.17--13-PASS



1-N12-15-15-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant1-19854.80--33.51--13-PASS



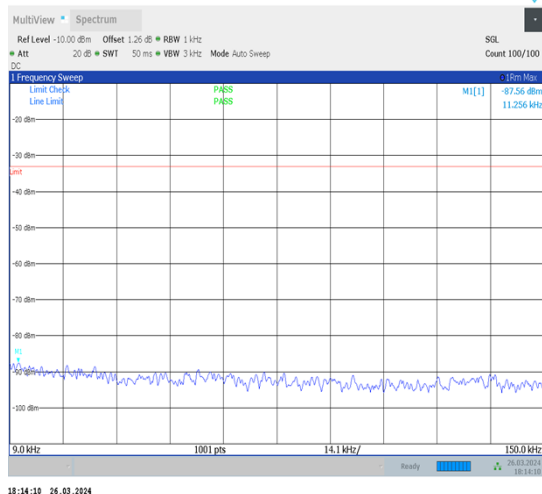
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

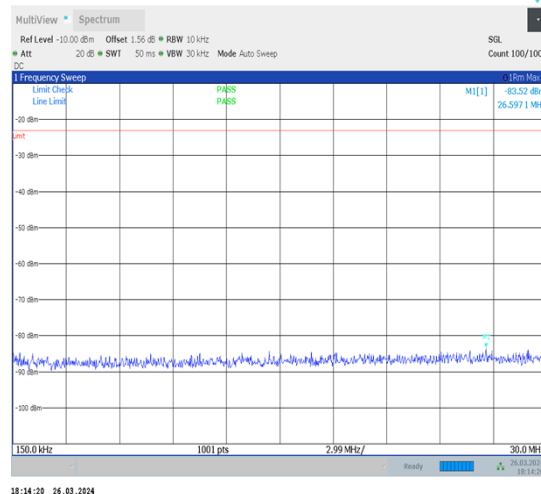
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

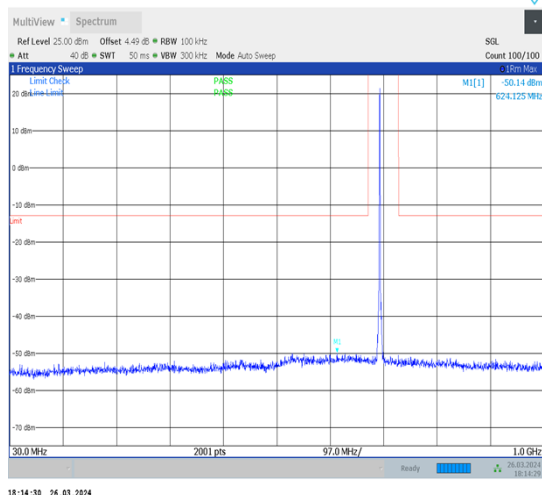
Member of the SGS Group (SGS SA)



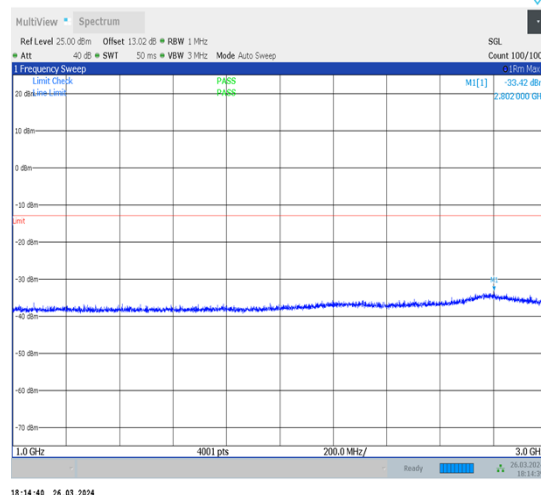
1-N12-15-15-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.01--87.56--33-PASS



1-N12-15-15-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-26.60--83.52--23-PASS



1-N12-15-15-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-624.13--50.14--13-PASS



1-N12-15-15-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2802.00--33.42--13-PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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号厂房南座 邮编：215000

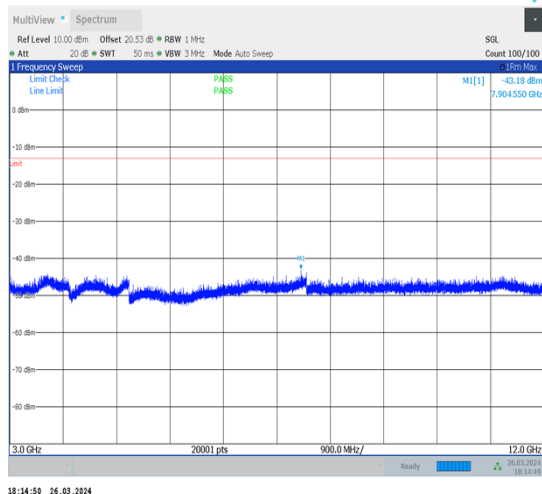
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

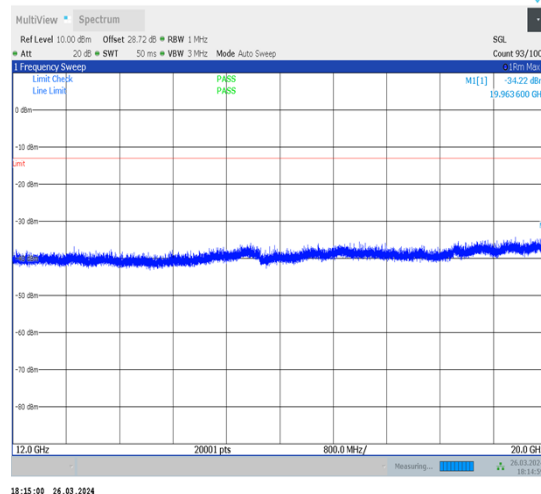
Report No.: SUCR240100001702

Rev.: 01

Page: 30 of 38



1-N12-15-15-H-1-DFT-PI2BPSK-Inner_1RB_Left-
1@1-3000-12000-Ant1-7904.55--43.18--13-PASS



1-N12-15-15-H-1-DFT-PI2BPSK-Inner_1RB_Left-
1@1-12000-20000-Ant1-19963.60--34.22--13-PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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号厂房南面 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 31 of 38

Field Strength of Spurious Radiation

Test Band = SA_n12
Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1439	47.45	-46.79	25.21	-69.39	-13.00	56.39	Horizontal
2	1812.5	48.85	-46.60	25.45	-67.56	-13.00	54.56	Horizontal
3	2779.5	46.97	-45.25	28.22	-65.32	-13.00	52.32	Horizontal
4	4410.5	46.55	-43.26	30.10	-61.87	-13.00	48.87	Horizontal
5	6792.5	44.81	-39.11	35.37	-54.19	-13.00	41.19	Horizontal
6	9939	42.14	-34.94	38.64	-49.42	-13.00	36.42	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1399	49.74	-46.76	24.90	-67.38	-13.00	54.38	Vertical
2	1812.5	51.62	-46.60	25.45	-64.79	-13.00	51.79	Vertical
3	2464.5	47.82	-45.58	27.66	-65.36	-13.00	52.36	Vertical
4	3944	46.83	-43.87	29.88	-62.42	-13.00	49.42	Vertical
5	5576.5	46.09	-41.57	32.41	-58.33	-13.00	45.33	Vertical
6	7422.5	43.76	-37.99	36.75	-52.74	-13.00	39.74	Vertical



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 32 of 38

Test Band = SA_n12
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1400.5	48.11	-46.75	24.90	-69.00	-13.00	56.00	Horizontal
2	1812.5	48.51	-46.60	25.45	-67.90	-13.00	54.90	Horizontal
3	2464.5	47.34	-45.58	27.66	-65.84	-13.00	52.84	Horizontal
4	3135	47.11	-45.01	28.76	-64.40	-13.00	51.40	Horizontal
5	4316.5	46.54	-42.89	29.63	-61.98	-13.00	48.98	Horizontal
6	8364	43.50	-36.63	36.36	-52.03	-13.00	39.03	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1812.5	52.04	-46.60	25.45	-64.37	-13.00	51.37	Vertical
2	2520.5	47.30	-45.65	27.80	-65.81	-13.00	52.81	Vertical
3	3547	46.95	-44.76	29.01	-64.06	-13.00	51.06	Vertical
4	4624	46.15	-42.97	30.15	-61.93	-13.00	48.93	Vertical
5	5610	45.44	-41.43	32.58	-58.67	-13.00	45.67	Vertical
6	8484.5	42.86	-36.03	36.47	-51.96	-13.00	38.96	Vertical



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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号厂房南面 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702
Rev.: 01
Page: 33 of 38

Test Band = SA_n12
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1403	50.07	-46.75	24.92	-67.02	-13.00	54.02	Horizontal
2	1812.5	49.92	-46.60	25.45	-66.49	-13.00	53.49	Horizontal
3	2795.5	46.85	-45.16	28.28	-65.29	-13.00	52.29	Horizontal
4	4050	46.96	-43.79	29.60	-62.49	-13.00	49.49	Horizontal
5	5150.5	45.93	-42.33	31.80	-59.86	-13.00	46.86	Horizontal
6	7025	43.97	-38.91	35.90	-54.30	-13.00	41.30	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1075.5	48.09	-47.12	24.20	-70.09	-13.00	57.09	Vertical
2	1812.5	51.94	-46.60	25.45	-64.47	-13.00	51.47	Vertical
3	2519	47.22	-45.66	27.80	-65.90	-13.00	52.90	Vertical
4	3816.5	47.16	-44.15	29.77	-62.48	-13.00	49.48	Vertical
5	6196	45.12	-40.29	33.48	-56.95	-13.00	43.95	Vertical
6	9778.5	42.27	-35.05	38.41	-49.63	-13.00	36.63	Vertical



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



Report No.: SUCR240100001702

Rev.: 01

Page: 34 of 38

Test Band = NSA_B48+n12

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1398.7899	46.18	-18.59	24.90	-42.77	-13.00	29.77	Horizontal
2	5038.5038	27.89	-13.37	31.51	-49.23	-13.00	36.23	Horizontal
3	7245.8123	60.77	-38.80	36.33	-36.96	-13.00	23.96	Horizontal
4	10868.4934	51.78	-35.47	40.01	-38.94	-13.00	25.94	Horizontal
5	14491.1746	43.68	-32.17	41.60	-42.15	-13.00	29.15	Horizontal
6	16481.3491	41.26	-28.96	39.21	-43.75	-13.00	30.75	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1398.7899	38.15	-18.59	24.90	-50.80	-13.00	37.80	Vertical
2	5184.2684	28.24	-12.96	31.87	-48.11	-13.00	35.11	Vertical
3	7245.8123	61.93	-38.80	36.33	-35.80	-13.00	22.80	Vertical
4	10868.4934	54.99	-35.47	40.01	-35.73	-13.00	22.73	Vertical
5	14491.1746	44.98	-32.17	41.60	-40.85	-13.00	27.85	Vertical
6	16483.6492	41.66	-29.02	39.22	-43.40	-13.00	30.40	Vertical



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

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号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn

t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 35 of 38

Test Band = NSA_B48+n12
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1400.9901	47.50	-18.58	24.91	-41.43	-13.00	28.43	Horizontal
2	7245.8123	60.14	-38.80	36.33	-37.59	-13.00	24.59	Horizontal
3	8486.1493	42.87	-36.69	36.47	-52.61	-13.00	39.61	Horizontal
4	10868.4934	51.46	-35.47	40.01	-39.26	-13.00	26.26	Horizontal
5	14491.1746	42.93	-32.17	41.60	-42.90	-13.00	29.90	Horizontal
6	17963.1982	41.12	-39.74	47.54	-46.34	-13.00	33.34	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1400.9901	43.73	-18.58	24.91	-45.20	-13.00	32.20	Vertical
2	5070.9571	28.15	-13.26	31.56	-48.81	-13.00	35.81	Vertical
3	7245.8123	62.89	-38.80	36.33	-34.84	-13.00	21.84	Vertical
4	10868.4934	54.88	-35.47	40.01	-35.84	-13.00	22.84	Vertical
5	14491.1746	44.07	-32.17	41.60	-41.76	-13.00	28.76	Vertical
6	16462.3731	41.12	-28.51	39.11	-43.54	-13.00	30.54	Vertical



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区工业园区润胜路1号的6号厂房南面 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 36 of 38

Test Band = NSA_B48+n12
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1403.1903	44.01	-18.57	24.93	-44.89	-13.00	31.89	Horizontal
2	7245.8123	58.60	-38.80	36.33	-39.13	-13.00	26.13	Horizontal
3	9123.2812	42.33	-35.60	37.05	-51.48	-13.00	38.48	Horizontal
4	10868.4934	52.11	-35.47	40.01	-38.61	-13.00	25.61	Horizontal
5	14766.0383	40.97	-30.47	41.70	-43.06	-13.00	30.06	Horizontal
6	17958.5979	41.32	-39.74	47.45	-46.23	-13.00	33.23	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1402.6403	43.70	-18.57	24.92	-45.21	-13.00	32.21	Vertical
2	5036.3036	28.29	-13.39	31.49	-48.87	-13.00	35.87	Vertical
3	7245.8123	62.32	-38.80	36.33	-35.41	-13.00	22.41	Vertical
4	10868.4934	54.30	-35.47	40.01	-36.42	-13.00	23.42	Vertical
5	14491.1746	44.48	-32.17	41.60	-41.35	-13.00	28.35	Vertical
6	17877.5189	41.91	-39.35	46.27	-46.43	-13.00	33.43	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

2) All antennas of RSE are tested, and only the worst data is presented.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> 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
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号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 37 of 38

Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N12	15	15	DFT-PI2BPSK	M	Outer_Full	VH	NT	-1.700000	-0.002403	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	VN	NT	-3.800000	-0.005371	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	VL	NT	-4.100000	-0.005795	PASS
N12	15	15	CP-QPSK	M	Outer_Full	VH	NT	-3.100000	-0.004382	PASS
N12	15	15	CP-QPSK	M	Outer_Full	VN	NT	-0.700000	-0.000989	PASS
N12	15	15	CP-QPSK	M	Outer_Full	VL	NT	1.100000	0.001555	PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N12	15	15	DFT-PI2BPSK	M	Outer_Full	NV	-30	-3.200000	-0.004523	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	NV	-20	-4.600000	-0.006502	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	NV	-10	-3.000000	-0.004240	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	NV	0	-4.400000	-0.006219	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	NV	10	-1.600000	-0.002261	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	NV	20	1.800000	0.002544	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	NV	30	-1.800000	-0.002544	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	NV	40	-3.000000	-0.004240	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	NV	50	-2.100000	-0.002968	PASS
N12	15	15	CP-QPSK	M	Outer_Full	NV	-30	-0.500000	-0.000707	PASS
N12	15	15	CP-QPSK	M	Outer_Full	NV	-20	-1.200000	-0.001696	PASS
N12	15	15	CP-QPSK	M	Outer_Full	NV	-10	0.000000	0.000000	PASS
N12	15	15	CP-QPSK	M	Outer_Full	NV	0	-1.500000	-0.002120	PASS
N12	15	15	CP-QPSK	M	Outer_Full	NV	10	0.500000	0.000707	PASS
N12	15	15	CP-QPSK	M	Outer_Full	NV	20	-2.800000	-0.003958	PASS
N12	15	15	CP-QPSK	M	Outer_Full	NV	30	-1.400000	-0.001979	PASS
N12	15	15	CP-QPSK	M	Outer_Full	NV	40	-2.000000	-0.002827	PASS
N12	15	15	CP-QPSK	M	Outer_Full	NV	50	2.600000	0.003675	PASS

---End of Attachment---



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)