

Appendix B.34

NR Band n70



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

Effective (Isotropic) Radiated Power Output Data for SA

Test Result Ant1

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N70	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.93	25.23	30.00	PASS
N70	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.98	25.28	30.00	PASS
N70	15	5	DFT-PI2BPSK	L	Outer_Full	23.71	25.01	30.00	PASS
N70	15	5	DFT-QPSK	L	Inner_1RB_Left	23.88	25.18	30.00	PASS
N70	15	5	DFT-QPSK	L	Inner_1RB_Right	23.94	25.24	30.00	PASS
N70	15	5	DFT-QPSK	L	Outer_Full	23.23	24.53	30.00	PASS
N70	15	5	DFT-16QAM	L	Inner_1RB_Left	23.13	24.43	30.00	PASS
N70	15	5	DFT-16QAM	L	Inner_1RB_Right	23.14	24.44	30.00	PASS
N70	15	5	DFT-16QAM	L	Outer_Full	22.16	23.46	30.00	PASS
N70	15	5	DFT-64QAM	L	Inner_1RB_Left	21.81	23.11	30.00	PASS
N70	15	5	DFT-64QAM	L	Inner_1RB_Right	21.85	23.15	30.00	PASS
N70	15	5	DFT-64QAM	L	Outer_Full	21.70	23	30.00	PASS
N70	15	5	DFT-256QAM	L	Inner_1RB_Left	19.10	20.4	30.00	PASS
N70	15	5	DFT-256QAM	L	Inner_1RB_Right	19.19	20.49	30.00	PASS
N70	15	5	DFT-256QAM	L	Outer_Full	19.65	20.95	30.00	PASS
N70	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.99	25.29	30.00	PASS
N70	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.95	25.25	30.00	PASS
N70	15	5	DFT-PI2BPSK	M	Outer_Full	23.68	24.98	30.00	PASS
N70	15	5	DFT-QPSK	M	Inner_1RB_Left	23.87	25.17	30.00	PASS
N70	15	5	DFT-QPSK	M	Inner_1RB_Right	23.90	25.2	30.00	PASS
N70	15	5	DFT-QPSK	M	Outer_Full	23.22	24.52	30.00	PASS
N70	15	5	DFT-16QAM	M	Inner_1RB_Left	23.22	24.52	30.00	PASS
N70	15	5	DFT-16QAM	M	Inner_1RB_Right	23.22	24.52	30.00	PASS
N70	15	5	DFT-16QAM	M	Outer_Full	22.25	23.55	30.00	PASS
N70	15	5	DFT-64QAM	M	Inner_1RB_Left	21.90	23.2	30.00	PASS
N70	15	5	DFT-64QAM	M	Inner_1RB_Right	21.84	23.14	30.00	PASS
N70	15	5	DFT-64QAM	M	Outer_Full	21.71	23.01	30.00	PASS
N70	15	5	DFT-256QAM	M	Inner_1RB_Left	19.09	20.39	30.00	PASS
N70	15	5	DFT-256QAM	M	Inner_1RB_Right	19.15	20.45	30.00	PASS
N70	15	5	DFT-256QAM	M	Outer_Full	19.66	20.96	30.00	PASS
N70	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	24.02	25.32	30.00	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 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



N70	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.95	25.25	30.00	PASS
N70	15	5	DFT-PI2BPSK	H	Outer_Full	23.72	25.02	30.00	PASS
N70	15	5	DFT-QPSK	H	Inner_1RB_Left	23.82	25.12	30.00	PASS
N70	15	5	DFT-QPSK	H	Inner_1RB_Right	23.94	25.24	30.00	PASS
N70	15	5	DFT-QPSK	H	Outer_Full	23.26	24.56	30.00	PASS
N70	15	5	DFT-16QAM	H	Inner_1RB_Left	23.24	24.54	30.00	PASS
N70	15	5	DFT-16QAM	H	Inner_1RB_Right	23.29	24.59	30.00	PASS
N70	15	5	DFT-16QAM	H	Outer_Full	22.28	23.58	30.00	PASS
N70	15	5	DFT-64QAM	H	Inner_1RB_Left	21.92	23.22	30.00	PASS
N70	15	5	DFT-64QAM	H	Inner_1RB_Right	21.95	23.25	30.00	PASS
N70	15	5	DFT-64QAM	H	Outer_Full	21.73	23.03	30.00	PASS
N70	15	5	DFT-256QAM	H	Inner_1RB_Left	19.13	20.43	30.00	PASS
N70	15	5	DFT-256QAM	H	Inner_1RB_Right	19.27	20.57	30.00	PASS
N70	15	5	DFT-256QAM	H	Outer_Full	19.71	21.01	30.00	PASS
N70	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.97	25.27	30.00	PASS
N70	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	24.10	25.4	30.00	PASS
N70	15	10	DFT-PI2BPSK	L	Outer_Full	23.73	25.03	30.00	PASS
N70	15	10	DFT-QPSK	L	Inner_1RB_Left	23.90	25.2	30.00	PASS
N70	15	10	DFT-QPSK	L	Inner_1RB_Right	23.97	25.27	30.00	PASS
N70	15	10	DFT-QPSK	L	Outer_Full	23.26	24.56	30.00	PASS
N70	15	10	DFT-16QAM	L	Inner_1RB_Left	23.20	24.5	30.00	PASS
N70	15	10	DFT-16QAM	L	Inner_1RB_Right	23.28	24.58	30.00	PASS
N70	15	10	DFT-16QAM	L	Outer_Full	22.26	23.56	30.00	PASS
N70	15	10	DFT-64QAM	L	Inner_1RB_Left	21.89	23.19	30.00	PASS
N70	15	10	DFT-64QAM	L	Inner_1RB_Right	21.97	23.27	30.00	PASS
N70	15	10	DFT-64QAM	L	Outer_Full	21.80	23.1	30.00	PASS
N70	15	10	DFT-256QAM	L	Inner_1RB_Left	19.13	20.43	30.00	PASS
N70	15	10	DFT-256QAM	L	Inner_1RB_Right	19.17	20.47	30.00	PASS
N70	15	10	DFT-256QAM	L	Outer_Full	19.64	20.94	30.00	PASS
N70	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.92	25.22	30.00	PASS
N70	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	24.12	25.42	30.00	PASS
N70	15	10	DFT-PI2BPSK	M	Outer_Full	23.70	25	30.00	PASS
N70	15	10	DFT-QPSK	M	Inner_1RB_Left	23.87	25.17	30.00	PASS
N70	15	10	DFT-QPSK	M	Inner_1RB_Right	24.05	25.35	30.00	PASS
N70	15	10	DFT-QPSK	M	Outer_Full	23.23	24.53	30.00	PASS
N70	15	10	DFT-16QAM	M	Inner_1RB_Left	23.15	24.45	30.00	PASS
N70	15	10	DFT-16QAM	M	Inner_1RB_Right	23.28	24.58	30.00	PASS



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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 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



N70	15	10	DFT-16QAM	M	Outer_Full	22.22	23.52	30.00	PASS
N70	15	10	DFT-64QAM	M	Inner_1RB_Left	21.83	23.13	30.00	PASS
N70	15	10	DFT-64QAM	M	Inner_1RB_Right	21.96	23.26	30.00	PASS
N70	15	10	DFT-64QAM	M	Outer_Full	21.79	23.09	30.00	PASS
N70	15	10	DFT-256QAM	M	Inner_1RB_Left	19.14	20.44	30.00	PASS
N70	15	10	DFT-256QAM	M	Inner_1RB_Right	19.27	20.57	30.00	PASS
N70	15	10	DFT-256QAM	M	Outer_Full	19.71	21.01	30.00	PASS
N70	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	24.02	25.32	30.00	PASS
N70	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	24.12	25.42	30.00	PASS
N70	15	10	DFT-PI2BPSK	H	Outer_Full	23.73	25.03	30.00	PASS
N70	15	10	DFT-QPSK	H	Inner_1RB_Left	23.97	25.27	30.00	PASS
N70	15	10	DFT-QPSK	H	Inner_1RB_Right	24.02	25.32	30.00	PASS
N70	15	10	DFT-QPSK	H	Outer_Full	23.22	24.52	30.00	PASS
N70	15	10	DFT-16QAM	H	Inner_1RB_Left	23.18	24.48	30.00	PASS
N70	15	10	DFT-16QAM	H	Inner_1RB_Right	23.28	24.58	30.00	PASS
N70	15	10	DFT-16QAM	H	Outer_Full	22.25	23.55	30.00	PASS
N70	15	10	DFT-64QAM	H	Inner_1RB_Left	21.81	23.11	30.00	PASS
N70	15	10	DFT-64QAM	H	Inner_1RB_Right	21.95	23.25	30.00	PASS
N70	15	10	DFT-64QAM	H	Outer_Full	21.79	23.09	30.00	PASS
N70	15	10	DFT-256QAM	H	Inner_1RB_Left	19.11	20.41	30.00	PASS
N70	15	10	DFT-256QAM	H	Inner_1RB_Right	19.26	20.56	30.00	PASS
N70	15	10	DFT-256QAM	H	Outer_Full	19.74	21.04	30.00	PASS
N70	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.94	25.24	30.00	PASS
N70	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	24.14	25.44	30.00	PASS
N70	15	15	DFT-PI2BPSK	L	Outer_Full	23.71	25.01	30.00	PASS
N70	15	15	DFT-QPSK	L	Inner_1RB_Left	23.78	25.08	30.00	PASS
N70	15	15	DFT-QPSK	L	Inner_1RB_Right	24.03	25.33	30.00	PASS
N70	15	15	DFT-QPSK	L	Outer_Full	23.18	24.48	30.00	PASS
N70	15	15	DFT-16QAM	L	Inner_1RB_Left	23.09	24.39	30.00	PASS
N70	15	15	DFT-16QAM	L	Inner_1RB_Right	23.31	24.61	30.00	PASS
N70	15	15	DFT-16QAM	L	Outer_Full	22.20	23.5	30.00	PASS
N70	15	15	DFT-64QAM	L	Inner_1RB_Left	21.80	23.1	30.00	PASS
N70	15	15	DFT-64QAM	L	Inner_1RB_Right	21.99	23.29	30.00	PASS
N70	15	15	DFT-64QAM	L	Outer_Full	21.76	23.06	30.00	PASS
N70	15	15	DFT-256QAM	L	Inner_1RB_Left	19.16	20.46	30.00	PASS
N70	15	15	DFT-256QAM	L	Inner_1RB_Right	19.22	20.52	30.00	PASS
N70	15	15	DFT-256QAM	L	Outer_Full	19.63	20.93	30.00	PASS



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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 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 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



N70	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.97	25.27	30.00	PASS
N70	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	24.10	25.4	30.00	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	23.68	24.98	30.00	PASS
N70	15	15	DFT-QPSK	M	Inner_1RB_Left	23.88	25.18	30.00	PASS
N70	15	15	DFT-QPSK	M	Inner_1RB_Right	24.09	25.39	30.00	PASS
N70	15	15	DFT-QPSK	M	Outer_Full	23.24	24.54	30.00	PASS
N70	15	15	DFT-16QAM	M	Inner_1RB_Left	23.16	24.46	30.00	PASS
N70	15	15	DFT-16QAM	M	Inner_1RB_Right	23.30	24.6	30.00	PASS
N70	15	15	DFT-16QAM	M	Outer_Full	22.28	23.58	30.00	PASS
N70	15	15	DFT-64QAM	M	Inner_1RB_Left	21.80	23.1	30.00	PASS
N70	15	15	DFT-64QAM	M	Inner_1RB_Right	21.91	23.21	30.00	PASS
N70	15	15	DFT-64QAM	M	Outer_Full	21.76	23.06	30.00	PASS
N70	15	15	DFT-256QAM	M	Inner_1RB_Left	19.06	20.36	30.00	PASS
N70	15	15	DFT-256QAM	M	Inner_1RB_Right	19.15	20.45	30.00	PASS
N70	15	15	DFT-256QAM	M	Outer_Full	19.61	20.91	30.00	PASS
N70	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.98	25.28	30.00	PASS
N70	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	24.13	25.43	30.00	PASS
N70	15	15	DFT-PI2BPSK	H	Outer_Full	23.67	24.97	30.00	PASS
N70	15	15	DFT-QPSK	H	Inner_1RB_Left	23.88	25.18	30.00	PASS
N70	15	15	DFT-QPSK	H	Inner_1RB_Right	24.06	25.36	30.00	PASS
N70	15	15	DFT-QPSK	H	Outer_Full	23.22	24.52	30.00	PASS
N70	15	15	DFT-16QAM	H	Inner_1RB_Left	23.15	24.45	30.00	PASS
N70	15	15	DFT-16QAM	H	Inner_1RB_Right	23.27	24.57	30.00	PASS
N70	15	15	DFT-16QAM	H	Outer_Full	22.25	23.55	30.00	PASS
N70	15	15	DFT-64QAM	H	Inner_1RB_Left	21.85	23.15	30.00	PASS
N70	15	15	DFT-64QAM	H	Inner_1RB_Right	21.86	23.16	30.00	PASS
N70	15	15	DFT-64QAM	H	Outer_Full	21.76	23.06	30.00	PASS
N70	15	15	DFT-256QAM	H	Inner_1RB_Left	19.11	20.41	30.00	PASS
N70	15	15	DFT-256QAM	H	Inner_1RB_Right	19.18	20.48	30.00	PASS
N70	15	15	DFT-256QAM	H	Outer_Full	19.69	20.99	30.00	PASS



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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 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

Effective (Isotropic) Radiated Power Output Data for MIMO

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant1 (dBm)	Power Ant7 (dBm)	Total Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N70	15	10	CP-QPSK	L	Inner_1RB_Left	21.09	20.7	23.91	25.21	30	PASS
N70	15	10	CP-QPSK	L	Inner_1RB_Right	21.21	20.98	24.11	25.41	30	PASS
N70	15	10	CP-QPSK	L	Outer_Full	19.8	19.34	22.59	23.89	30	PASS
N70	15	10	CP-16QAM	L	Inner_1RB_Left	20.75	20.06	23.43	24.73	30	PASS
N70	15	10	CP-16QAM	L	Inner_1RB_Right	20.82	20.4	23.63	24.93	30	PASS
N70	15	10	CP-16QAM	L	Outer_Full	19.73	19.35	22.55	23.85	30	PASS
N70	15	10	CP-64QAM	L	Inner_1RB_Left	19.33	18.61	22	23.3	30	PASS
N70	15	10	CP-64QAM	L	Inner_1RB_Right	19.32	18.9	22.13	23.43	30	PASS
N70	15	10	CP-64QAM	L	Outer_Full	19.28	18.9	22.1	23.4	30	PASS
N70	15	10	CP-256QAM	L	Inner_1RB_Left	16.48	17.63	20.1	21.4	30	PASS
N70	15	10	CP-256QAM	L	Inner_1RB_Right	17.52	16.15	19.9	21.2	30	PASS
N70	15	10	CP-256QAM	L	Outer_Full	16.44	16.02	19.25	20.55	30	PASS
N70	15	10	CP-QPSK	M	Inner_1RB_Left	21.4	20.95	24.19	25.49	30	PASS
N70	15	10	CP-QPSK	M	Inner_1RB_Right	21.47	20.86	24.19	25.49	30	PASS
N70	15	10	CP-QPSK	M	Outer_Full	20.08	19.37	22.75	24.05	30	PASS
N70	15	10	CP-16QAM	M	Inner_1RB_Left	21.03	20.42	23.75	25.05	30	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 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号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



N70	15	10	CP-16QAM	M	Inner_1RB_Right	20.96	20.19	23.6	24.9	30	PASS
N70	15	10	CP-16QAM	M	Outer_Full	20.02	19.35	22.71	24.01	30	PASS
N70	15	10	CP-64QAM	M	Inner_1RB_Left	19.54	18.75	22.17	23.47	30	PASS
N70	15	10	CP-64QAM	M	Inner_1RB_Right	19.56	18.6	22.12	23.42	30	PASS
N70	15	10	CP-64QAM	M	Outer_Full	19.6	18.83	22.24	23.54	30	PASS
N70	15	10	CP-256QAM	M	Inner_1RB_Left	16.7	16.85	19.79	21.09	30	PASS
N70	15	10	CP-256QAM	M	Inner_1RB_Right	16.74	16.52	19.64	20.94	30	PASS
N70	15	10	CP-256QAM	M	Outer_Full	16.72	16.23	19.49	20.79	30	PASS
N70	15	10	CP-QPSK	H	Inner_1RB_Left	21.38	21.36	24.38	25.68	30	PASS
N70	15	10	CP-QPSK	H	Inner_1RB_Right	21.61	21.02	24.34	25.64	30	PASS
N70	15	10	CP-QPSK	H	Outer_Full	20.05	20.12	23.1	24.4	30	PASS
N70	15	10	CP-16QAM	H	Inner_1RB_Left	21.01	21.36	24.2	25.5	30	PASS
N70	15	10	CP-16QAM	H	Inner_1RB_Right	21.12	21.23	24.19	25.49	30	PASS
N70	15	10	CP-16QAM	H	Outer_Full	20.03	21.23	23.68	24.98	30	PASS
N70	15	10	CP-64QAM	H	Inner_1RB_Left	19.55	19.52	22.55	23.85	30	PASS
N70	15	10	CP-64QAM	H	Inner_1RB_Right	19.65	19.32	22.5	23.8	30	PASS
N70	15	10	CP-64QAM	H	Outer_Full	19.56	19.06	22.33	23.63	30	PASS
N70	15	10	CP-256QAM	H	Inner_1RB_Left	16.52	16.58	19.56	20.86	30	PASS
N70	15	10	CP-256QAM	H	Inner_1RB_Right	16.36	16.23	19.31	20.61	30	PASS
N70	15	10	CP-256QAM	H	Outer_Full	16.76	16.22	19.51	20.81	30	PASS
N70	15	15	CP-QPSK	L	Inner_1RB_Left	21.52	21.56	24.55	25.85	30	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



N70	15	15	CP-QPSK	L	Inner_1RB_Right	21.34	21.04	24.2	25.5	30	PASS
N70	15	15	CP-QPSK	L	Outer_Full	19.92	19.38	22.67	23.97	30	PASS
N70	15	15	CP-16QAM	L	Inner_1RB_Left	20.8	20.11	23.48	24.78	30	PASS
N70	15	15	CP-16QAM	L	Inner_1RB_Right	20.95	20.52	23.75	25.05	30	PASS
N70	15	15	CP-16QAM	L	Outer_Full	19.82	19.46	22.65	23.95	30	PASS
N70	15	15	CP-64QAM	L	Inner_1RB_Left	19.27	18.66	21.99	23.29	30	PASS
N70	15	15	CP-64QAM	L	Inner_1RB_Right	19.48	19.07	22.29	23.59	30	PASS
N70	15	15	CP-64QAM	L	Outer_Full	19.36	19.02	22.2	23.5	30	PASS
N70	15	15	CP-256QAM	L	Inner_1RB_Left	16.45	15.93	19.21	20.51	30	PASS
N70	15	15	CP-256QAM	L	Inner_1RB_Right	16.53	16.31	19.43	20.73	30	PASS
N70	15	15	CP-256QAM	L	Outer_Full	16.49	16.58	19.55	20.85	30	PASS
N70	15	15	CP-QPSK	M	Inner_1RB_Left	21.36	20.97	24.18	25.48	30	PASS
N70	15	15	CP-QPSK	M	Inner_1RB_Right	21.45	20.82	24.16	25.46	30	PASS
N70	15	15	CP-QPSK	M	Outer_Full	20.05	19.41	22.75	24.05	30	PASS
N70	15	15	CP-16QAM	M	Inner_1RB_Left	20.94	20.5	23.74	25.04	30	PASS
N70	15	15	CP-16QAM	M	Inner_1RB_Right	20.94	20.31	23.65	24.95	30	PASS
N70	15	15	CP-16QAM	M	Outer_Full	20.07	19.43	22.77	24.07	30	PASS
N70	15	15	CP-64QAM	M	Inner_1RB_Left	19.45	18.96	22.22	23.52	30	PASS
N70	15	15	CP-64QAM	M	Inner_1RB_Right	19.53	18.8	22.19	23.49	30	PASS
N70	15	15	CP-64QAM	M	Outer_Full	19.59	18.98	22.31	23.61	30	PASS
N70	15	15	CP-256QAM	M	Inner_1RB_Left	16.65	16.52	19.6	20.9	30	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 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号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



N70	15	15	CP-256QAM	M	Inner_1RB_Right	16.36	16.01	19.2	20.5	30	PASS
N70	15	15	CP-256QAM	M	Outer_Full	16.78	16.06	19.45	20.75	30	PASS
N70	15	15	CP-QPSK	H	Inner_1RB_Left	21.49	21.63	24.57	25.87	30	PASS
N70	15	15	CP-QPSK	H	Inner_1RB_Right	21.58	21.56	24.58	25.88	30	PASS
N70	15	15	CP-QPSK	H	Outer_Full	20.06	20.03	23.06	24.36	30	PASS
N70	15	15	CP-16QAM	H	Inner_1RB_Left	21.01	21.03	24.03	25.33	30	PASS
N70	15	15	CP-16QAM	H	Inner_1RB_Right	21.1	21.36	24.24	25.54	30	PASS
N70	15	15	CP-16QAM	H	Outer_Full	20.04	20.23	23.15	24.45	30	PASS
N70	15	15	CP-64QAM	H	Inner_1RB_Left	19.54	19.85	22.71	24.01	30	PASS
N70	15	15	CP-64QAM	H	Inner_1RB_Right	18.52	19.56	22.08	23.38	30	PASS
N70	15	15	CP-64QAM	H	Outer_Full	18.23	19.32	21.82	23.12	30	PASS
N70	15	15	CP-256QAM	H	Inner_1RB_Left	16.23	15.95	19.1	20.4	30	PASS
N70	15	15	CP-256QAM	H	Inner_1RB_Right	16.66	16.22	19.46	20.76	30	PASS
N70	15	15	CP-256QAM	H	Outer_Full	16.76	16.11	19.46	20.76	30	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: 10 of 44

Peak-to-Average Ratio for SA

Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N70	15	15	DFT-256QAM	M	Outer_Full	6.70	13	PASS
N70	15	15	CP-256QAM	M	Outer_Full	8.52	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-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.

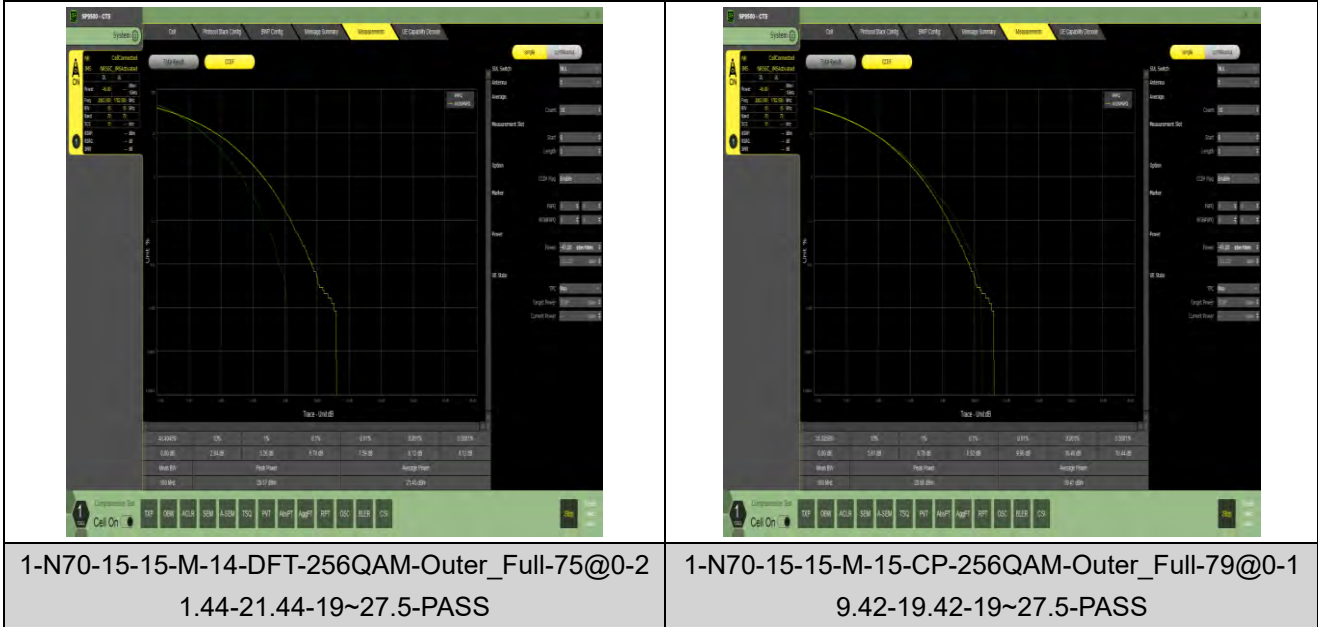
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Member of the SGS Group (SGS 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-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 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

26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N70	15	5	DFT-QPSK	M	Outer_Full	4.5	5.040	PASS
N70	15	5	DFT-P12BPSK	M	Outer_Full	4.506	5.170	PASS
N70	15	5	DFT-16QAM	M	Outer_Full	4.55	5.190	PASS
N70	15	5	DFT-64QAM	M	Outer_Full	4.473	4.740	PASS
N70	15	5	DFT-256QAM	M	Outer_Full	4.477	5.020	PASS
N70	15	5	CP-QPSK	M	Outer_Full	4.48	5.100	PASS
N70	15	5	CP-16QAM	M	Outer_Full	4.539	5.170	PASS
N70	15	5	CP-64QAM	M	Outer_Full	4.509	5.060	PASS
N70	15	5	CP-256QAM	M	Outer_Full	4.519	5.230	PASS
N70	15	10	DFT-QPSK	M	Outer_Full	8.944	9.660	PASS
N70	15	10	DFT-P12BPSK	M	Outer_Full	8.916	9.620	PASS
N70	15	10	DFT-16QAM	M	Outer_Full	8.945	9.760	PASS
N70	15	10	DFT-64QAM	M	Outer_Full	8.943	9.680	PASS
N70	15	10	DFT-256QAM	M	Outer_Full	8.925	9.700	PASS
N70	15	10	CP-QPSK	M	Outer_Full	9.287	10.000	PASS
N70	15	10	CP-16QAM	M	Outer_Full	9.277	10.100	PASS
N70	15	10	CP-64QAM	M	Outer_Full	9.272	10.140	PASS
N70	15	10	CP-256QAM	M	Outer_Full	9.278	10.100	PASS
N70	15	15	DFT-QPSK	M	Outer_Full	13.496	14.520	PASS
N70	15	15	DFT-P12BPSK	M	Outer_Full	13.499	14.520	PASS
N70	15	15	DFT-16QAM	M	Outer_Full	13.533	14.460	PASS
N70	15	15	DFT-64QAM	M	Outer_Full	13.481	14.490	PASS
N70	15	15	DFT-256QAM	M	Outer_Full	13.483	14.430	PASS
N70	15	15	CP-QPSK	M	Outer_Full	14.148	15.210	PASS
N70	15	15	CP-16QAM	M	Outer_Full	14.156	15.150	PASS
N70	15	15	CP-64QAM	M	Outer_Full	14.191	15.240	PASS
N70	15	15	CP-256QAM	M	Outer_Full	14.167	15.120	PASS

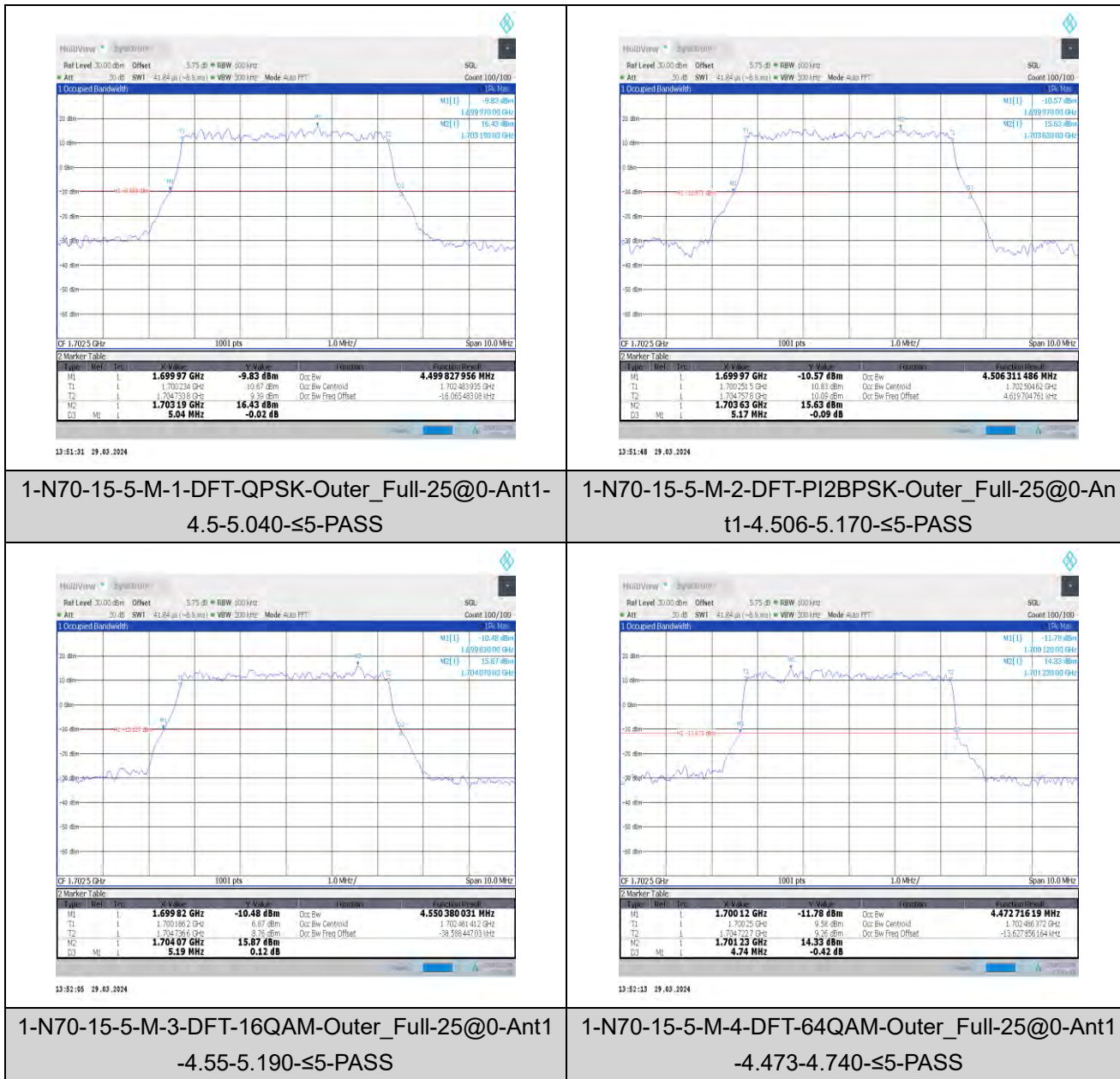


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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 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6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N70-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant
1-4.477-5.020-≤5-PASS



1-N70-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.
48-5.100-≤5-PASS



1-N70-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-
4.539-5.170-≤5-PASS



1-N70-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1-
4.509-5.060-≤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) 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 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



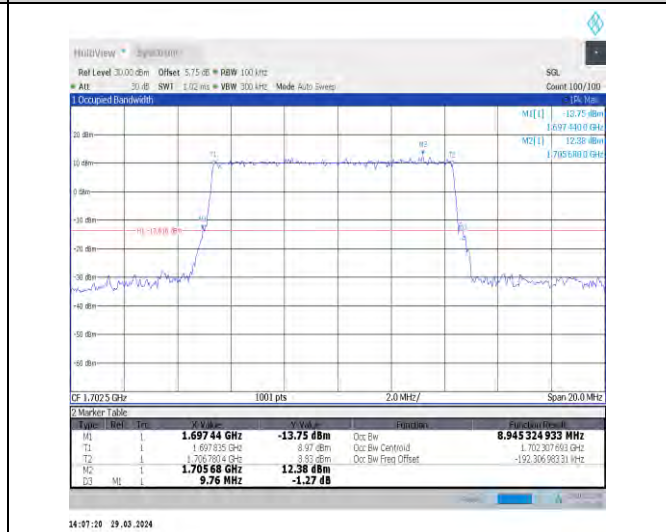
1-N70-15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant
1-4.519-5.230-≤5-PASS



1-N70-15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant1
-8.944-9.660-≤10-PASS



1-N70-15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-A
nt1-8.916-9.620-≤10-PASS



1-N70-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant
1-8.945-9.760-≤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

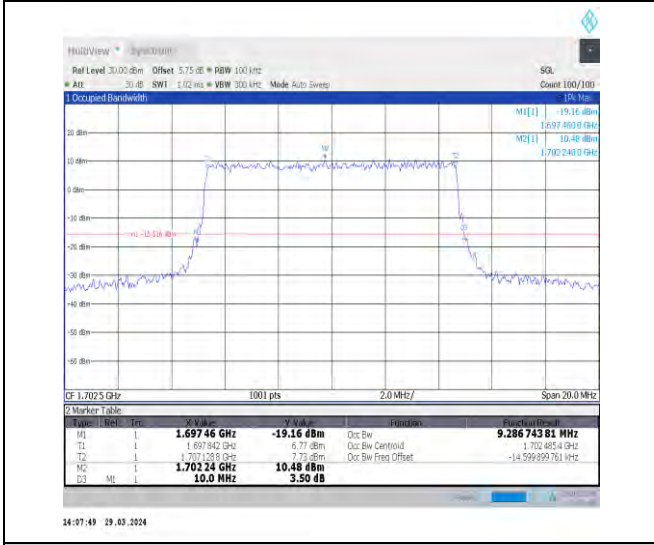
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



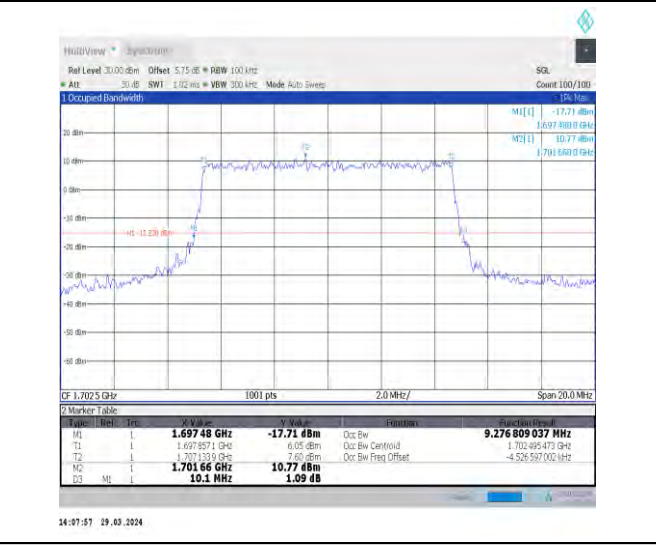
1-N70-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant
1-8.943-9.680-≤10-PASS



1-N70-15-10-M-5-DFT-256QAM-Outer_Full-50@0-A
nt1-8.925-9.700-≤10-PASS



1-N70-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1
9.287-10.000-≤10-PASS



1-N70-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1
-9.277-10.100-≤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.

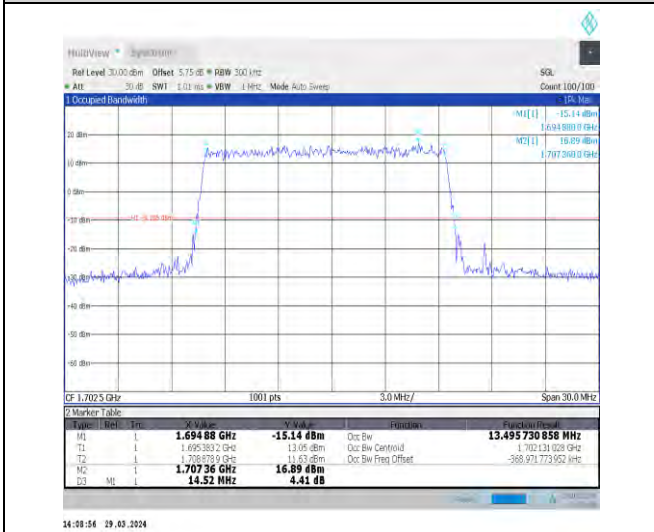
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN_Doccheck@sgs.com

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



1-N70-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant
1-9.272-10.140-≤10-PASS

1-N70-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant
1-9.278-10.100-≤10-PASS



1-N70-15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant1
-13.496-14.520-≤15-PASS

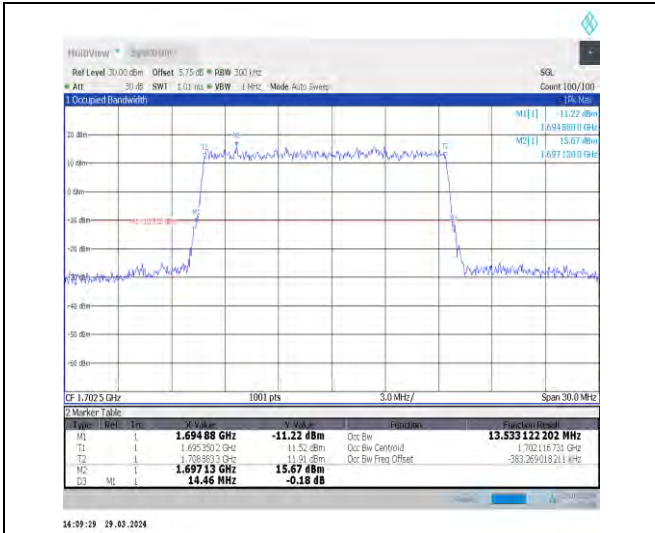
1-N70-15-15-M-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1
nt1-13.499-14.520-≤15-PASS



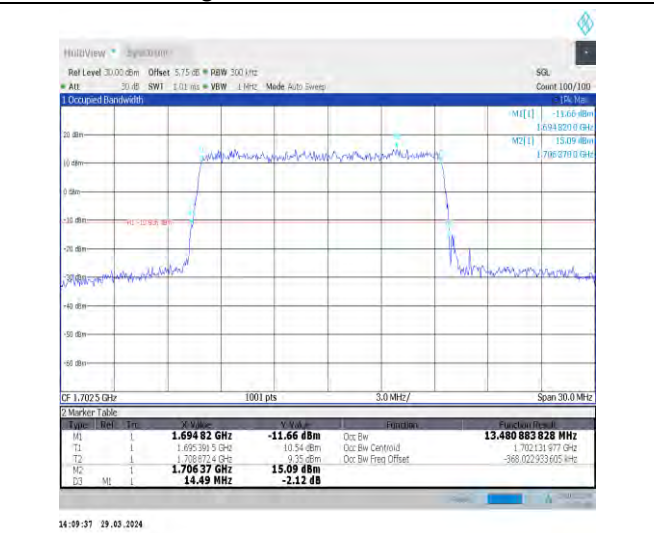
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

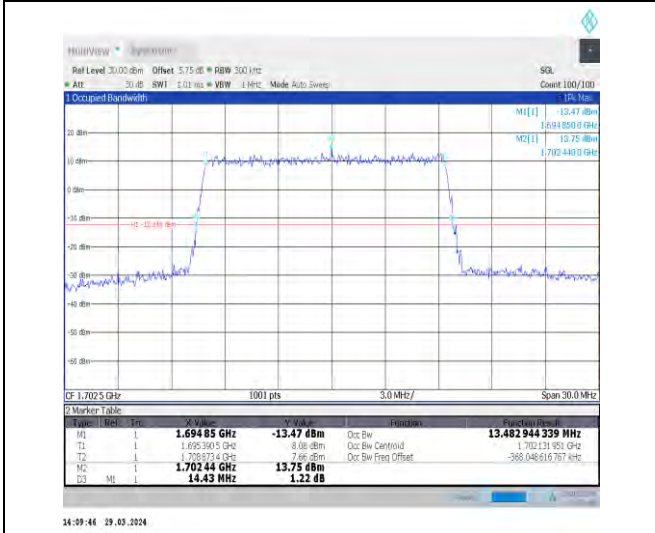
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N70-15-15-M-3-DFT-16QAM-Outer_Full-75@0-Ant
1-13.533-14.460-≤15-PASS



1-N70-15-15-M-4-DFT-64QAM-Outer_Full-75@0-Ant
1-13.481-14.490-≤15-PASS



1-N70-15-15-M-5-DFT-256QAM-Outer_Full-75@0-Ant
1-13.483-14.430-≤15-PASS



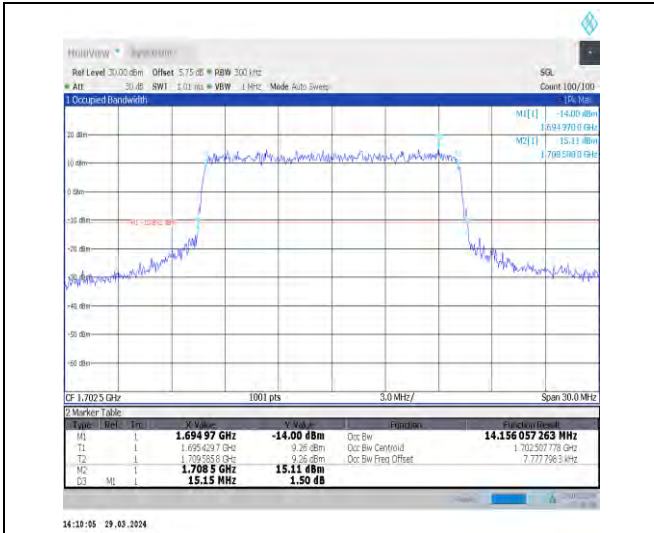
1-N70-15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant1
14.148-15.210-≤15-PASS



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.

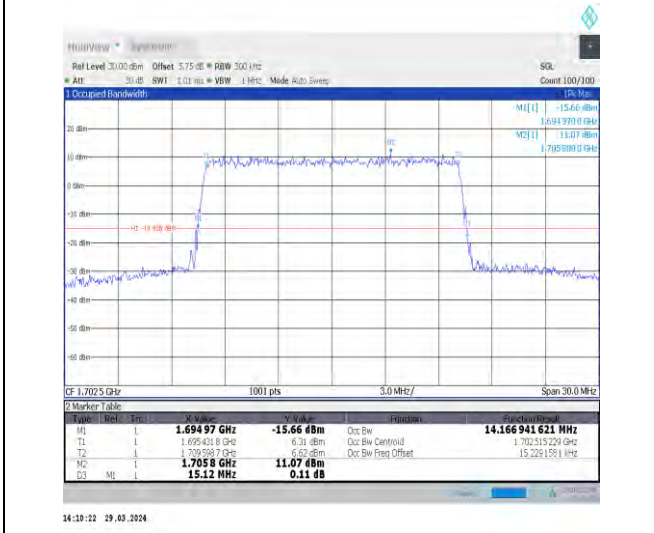
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

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



1-N70-15-15-M-7-CP-16QAM-Outer_Full-79@0-Ant
1-14.156-15.150≤15-PASS

1-N70-15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant1
-14.191-15.240≤15-PASS



1-N70-15-15-M-9-CP-256QAM-Outer_Full-79@0-An
t1-14.167-15.120≤15-PASS



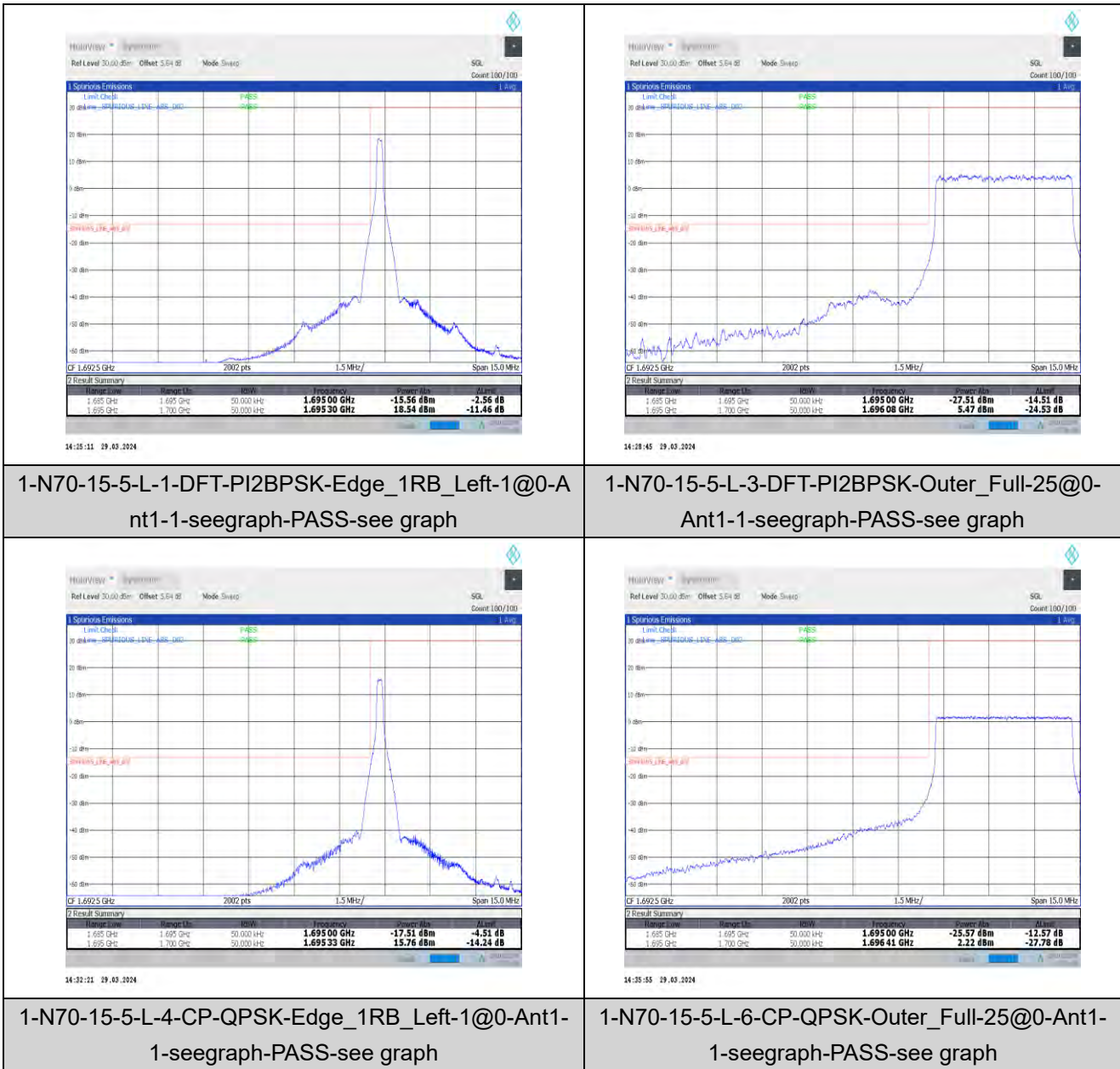
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band Edge for SA

Test Graphs



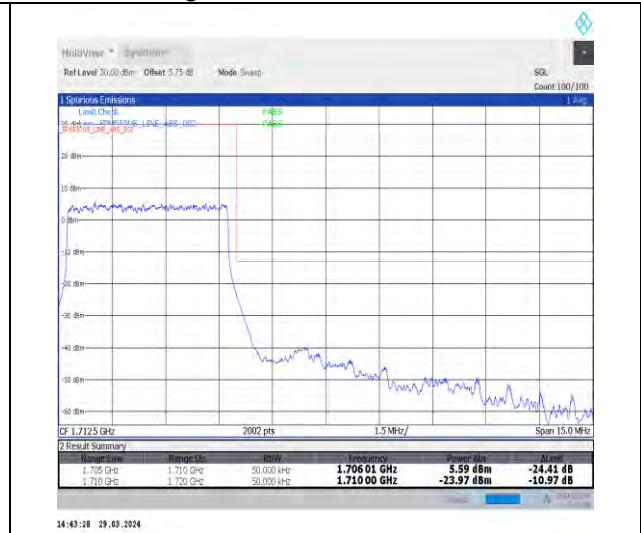
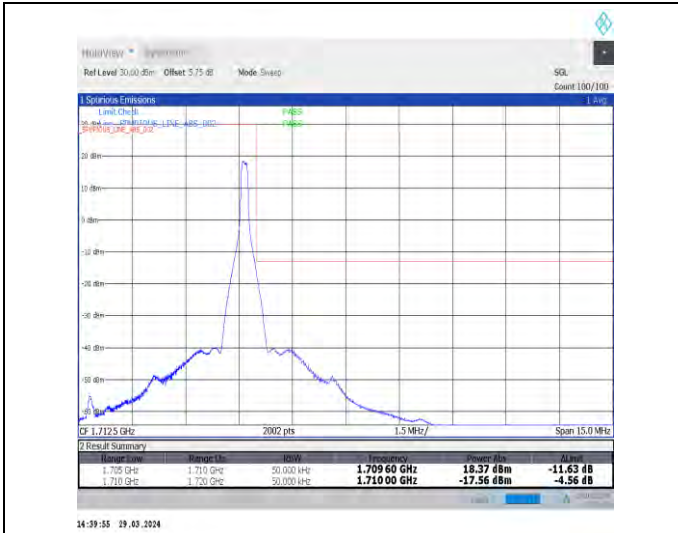
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

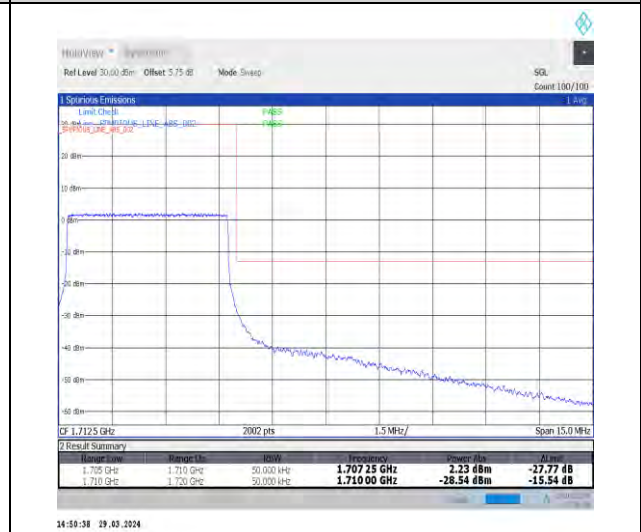
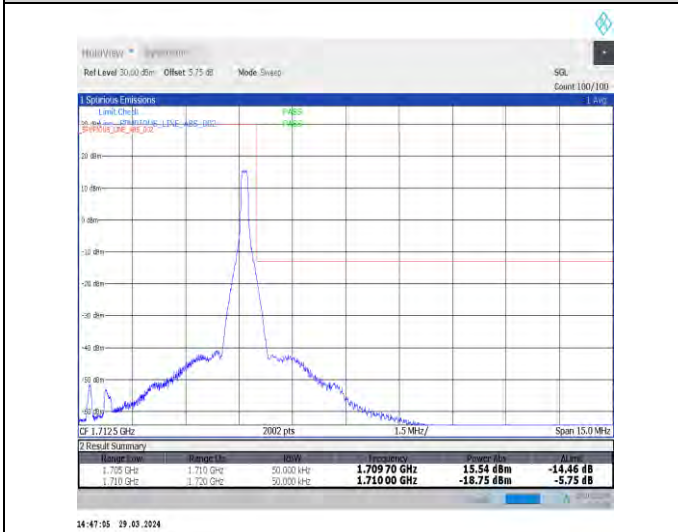
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



1-N70-15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@2
4-Ant1-1-seegraph-PASS-see graph

1-N70-15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0-Ant1-1-seegraph-PASS-see graph



1-N70-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-An t1-1-seegraph-PASS-see graph

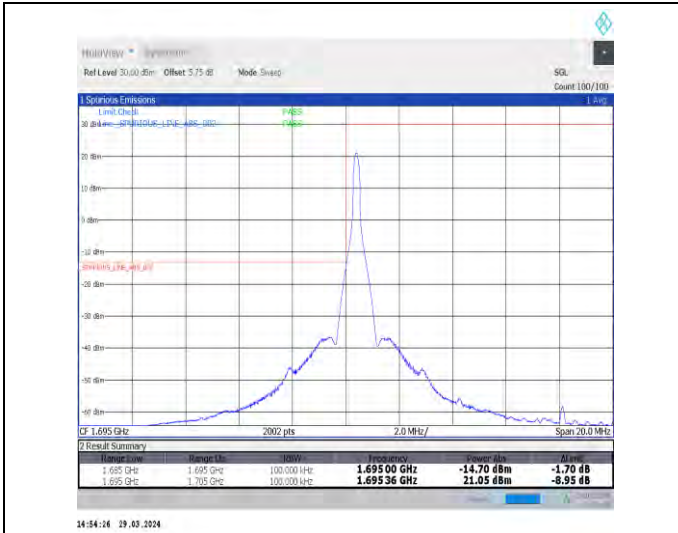
1-N70-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1 -1-seegraph-PASS-see graph



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.

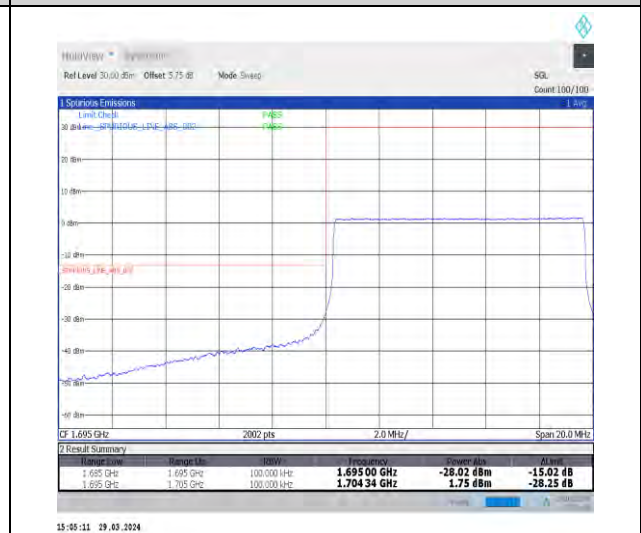
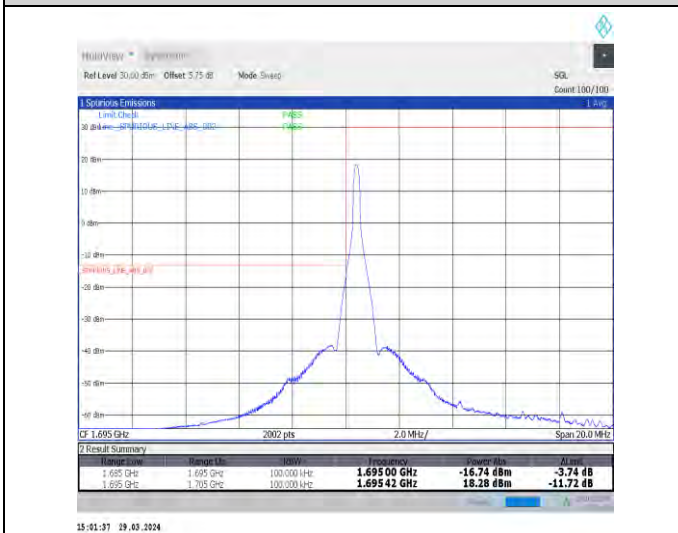
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 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-N70-15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N70-15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1-seegraph-PASS-see graph



1-N70-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

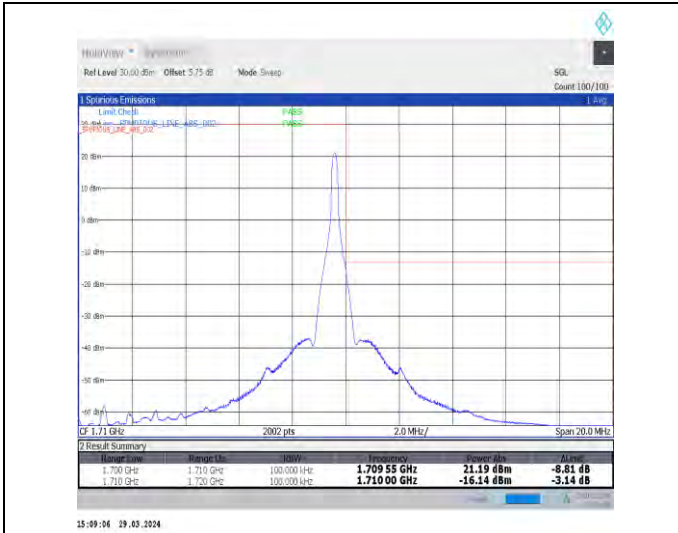
1-N70-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-1-seegraph-PASS-see graph



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.

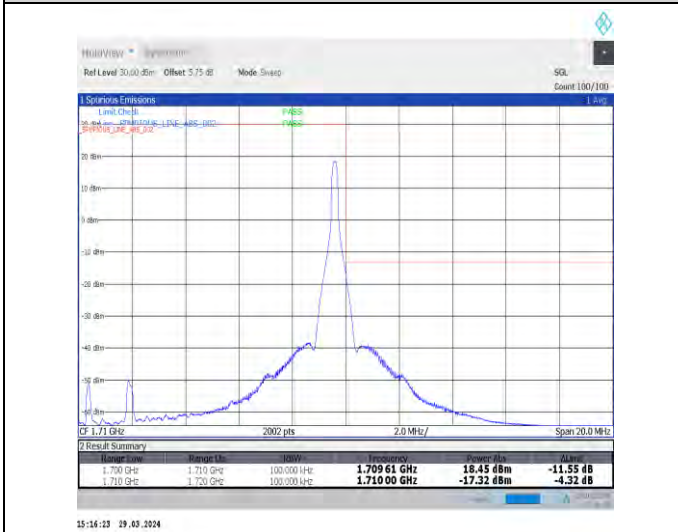
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

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



1-N70-15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@51-Ant1-1-seegraph-PASS-see graph

1-N70-15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1-seegraph-PASS-see graph



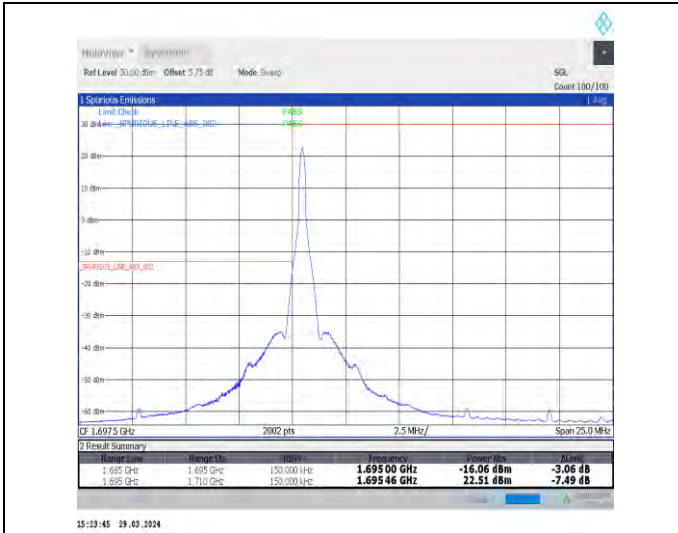
1-N70-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant1-1-seegraph-PASS-see graph

1-N70-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-1-seegraph-PASS-see graph



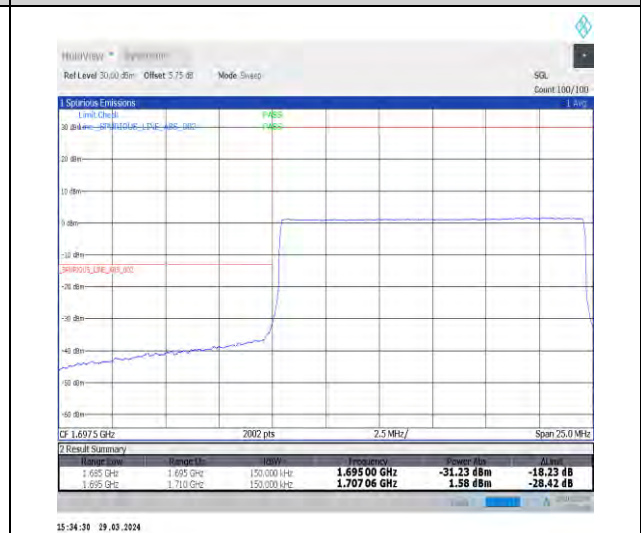
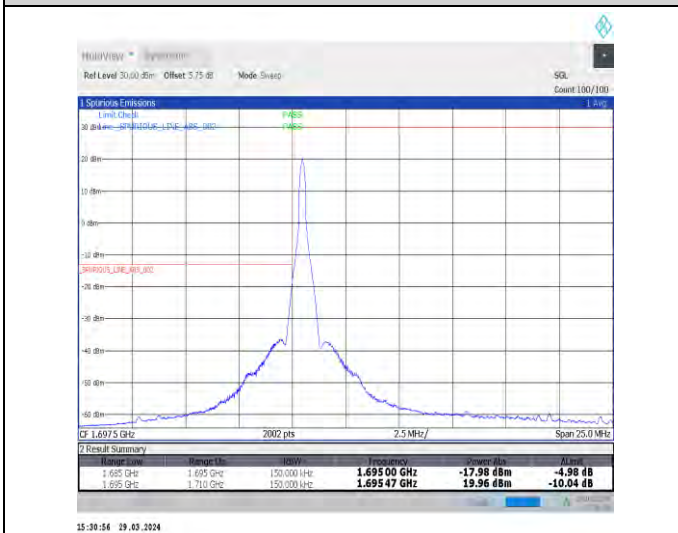
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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) 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 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-N70-15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N70-15-15-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1-seegraph-PASS-see graph



1-N70-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

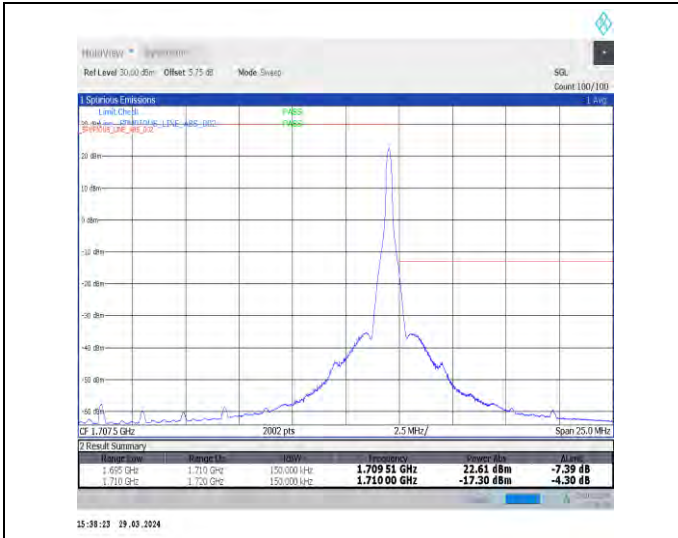
1-N70-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-1-seegraph-PASS-see graph



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.

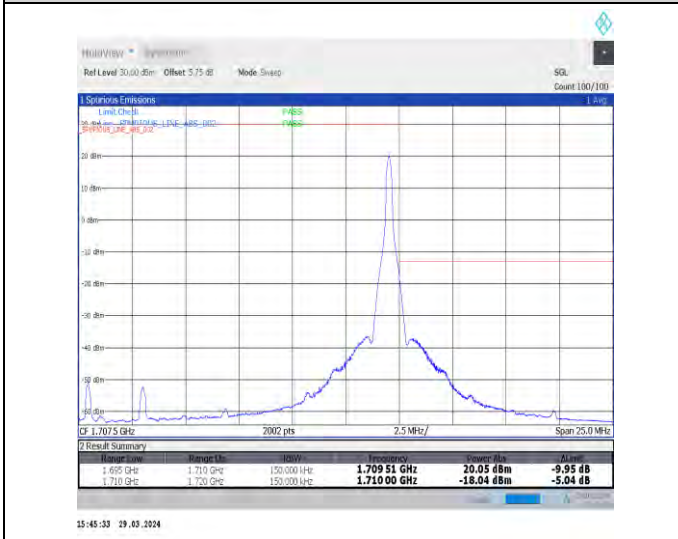
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

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



1-N70-15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@78-Ant1-1-seegraph-PASS-see graph

1-N70-15-15-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1-seegraph-PASS-see graph



1-N70-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant1-1-seegraph-PASS-see graph

1-N70-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-1-seegraph-PASS-see graph



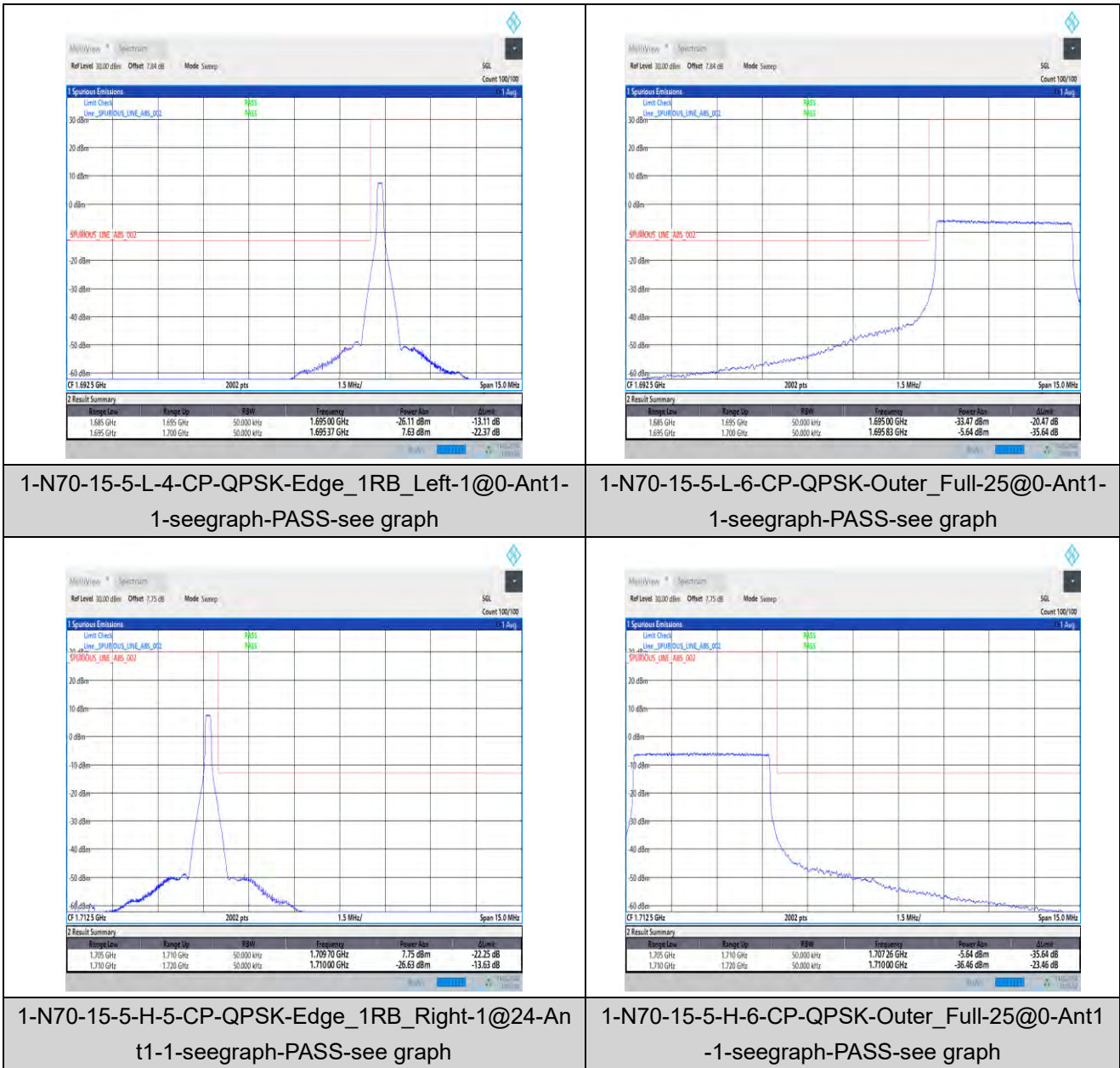
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band Edge for SA ForMIMO

Test Graphs

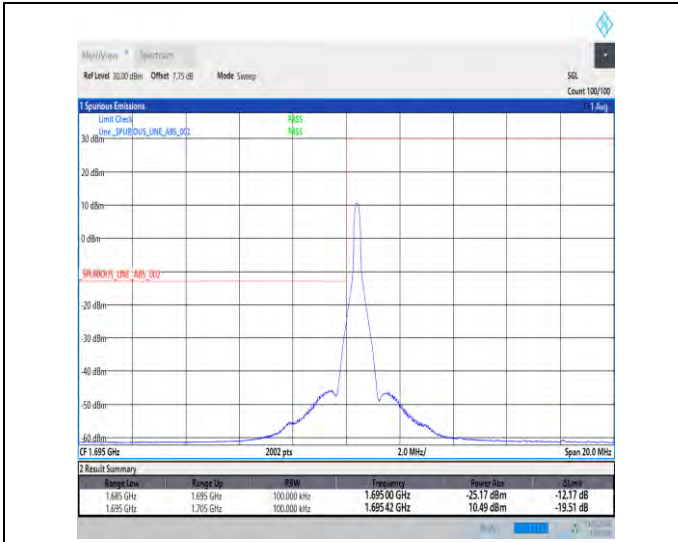


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

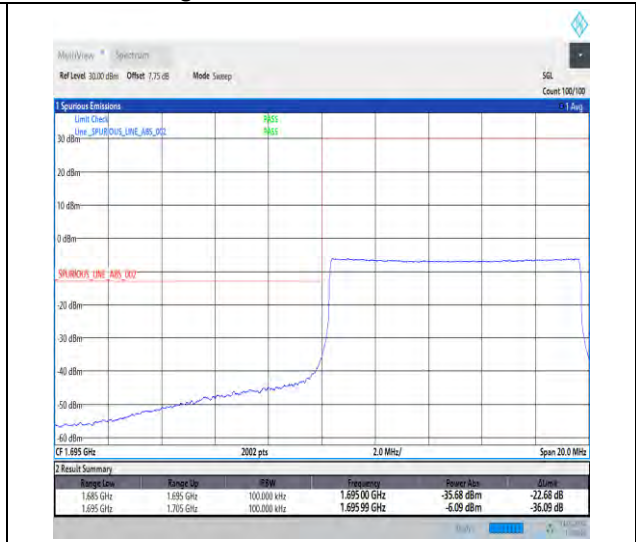
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN_Doccheck@sgs.com

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号厂房南楼 邮编: 215000

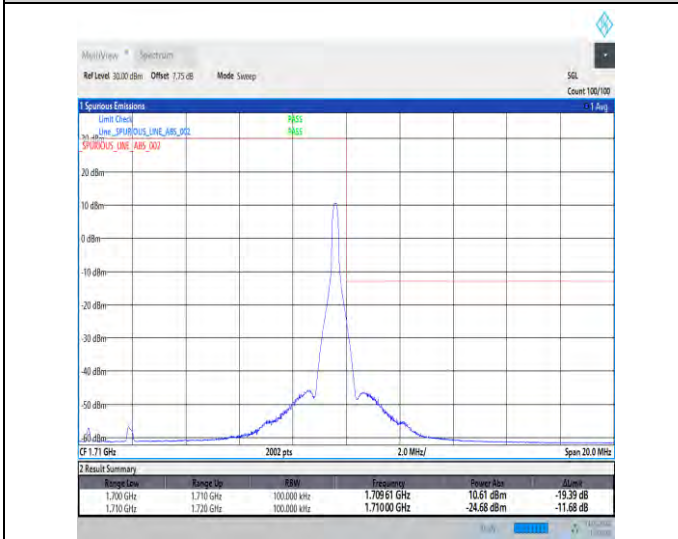
t (86-512) 62992980 www.sgsgroup.com.cn
 t (86-512) 62992980 sgs.china@sgs.com



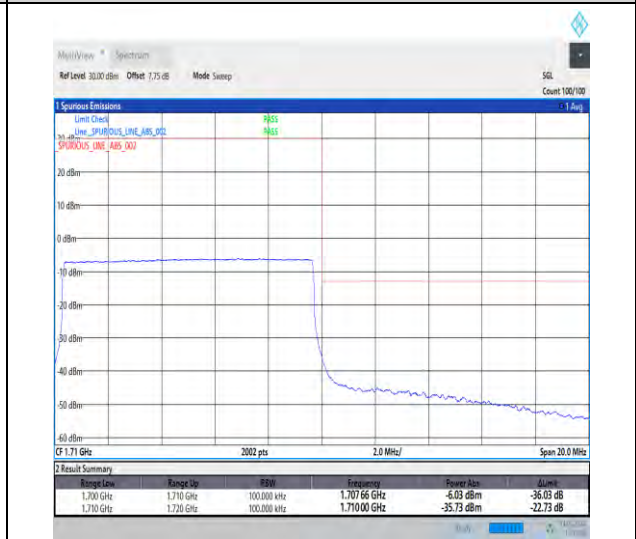
1-N70-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1
-1-seegraph-PASS-see graph



1-N70-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1
1-1-seegraph-PASS-see graph



1-N70-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant1
-1-seegraph-PASS-see graph



1-N70-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1
1-1-seegraph-PASS-see graph



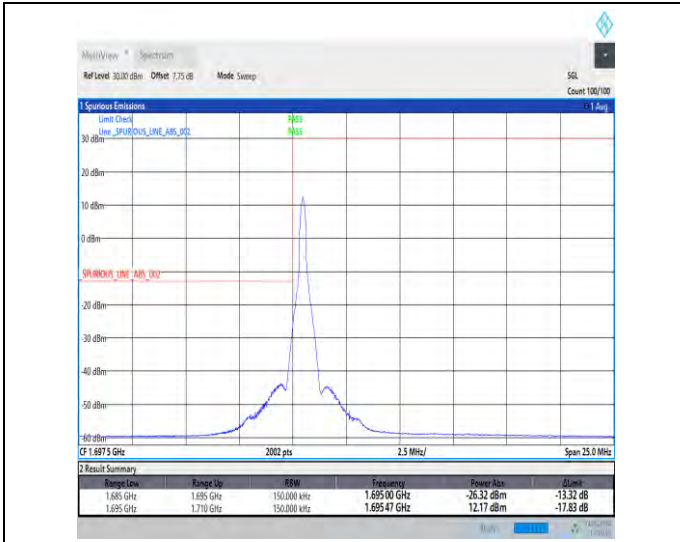
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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) 83071443, or email: CN.Doccheck@sgs.com

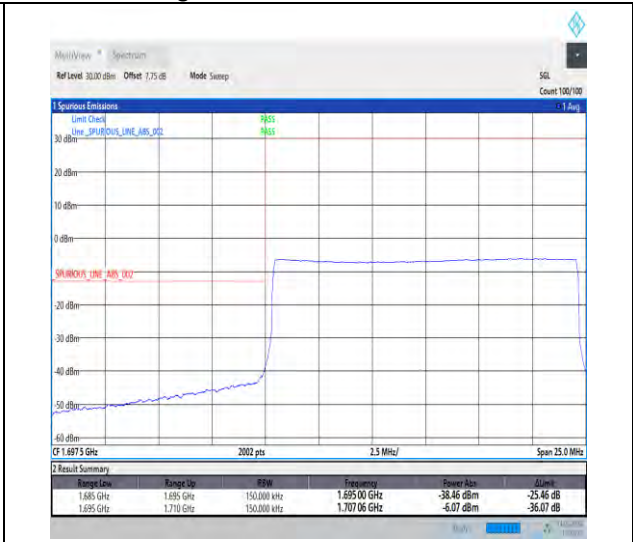
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

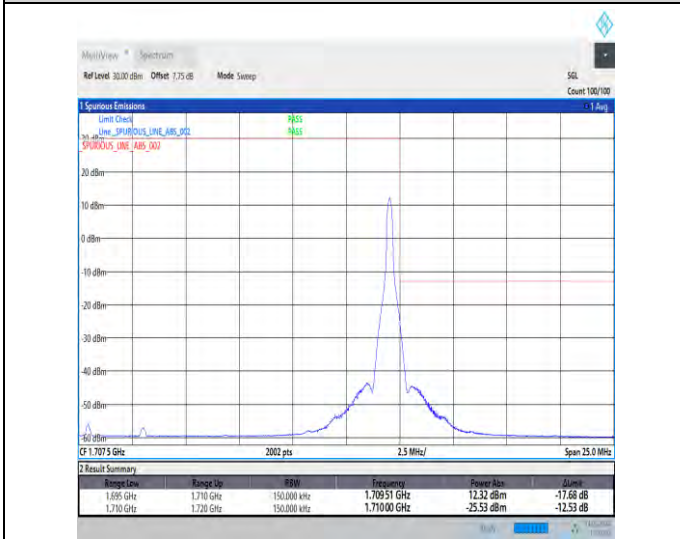
Member of the SGS Group (SGS SA)



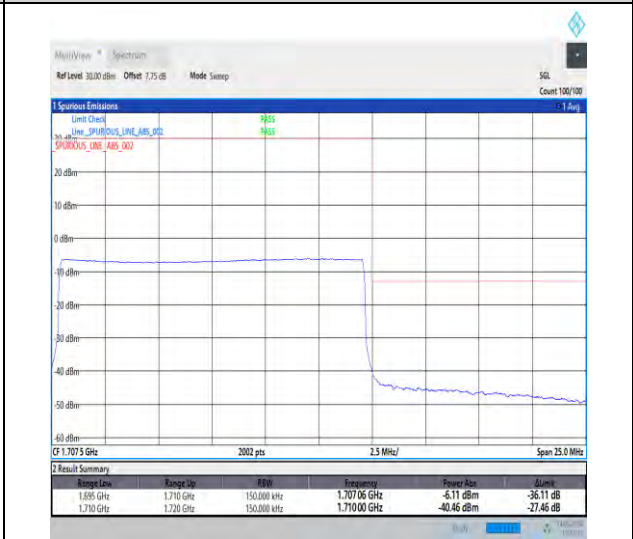
1-N70-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1
-1-seegraph-PASS-see graph



1-N70-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1
1-1-seegraph-PASS-see graph



1-N70-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant1
-1-seegraph-PASS-see graph



1-N70-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1
1-1-seegraph-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.

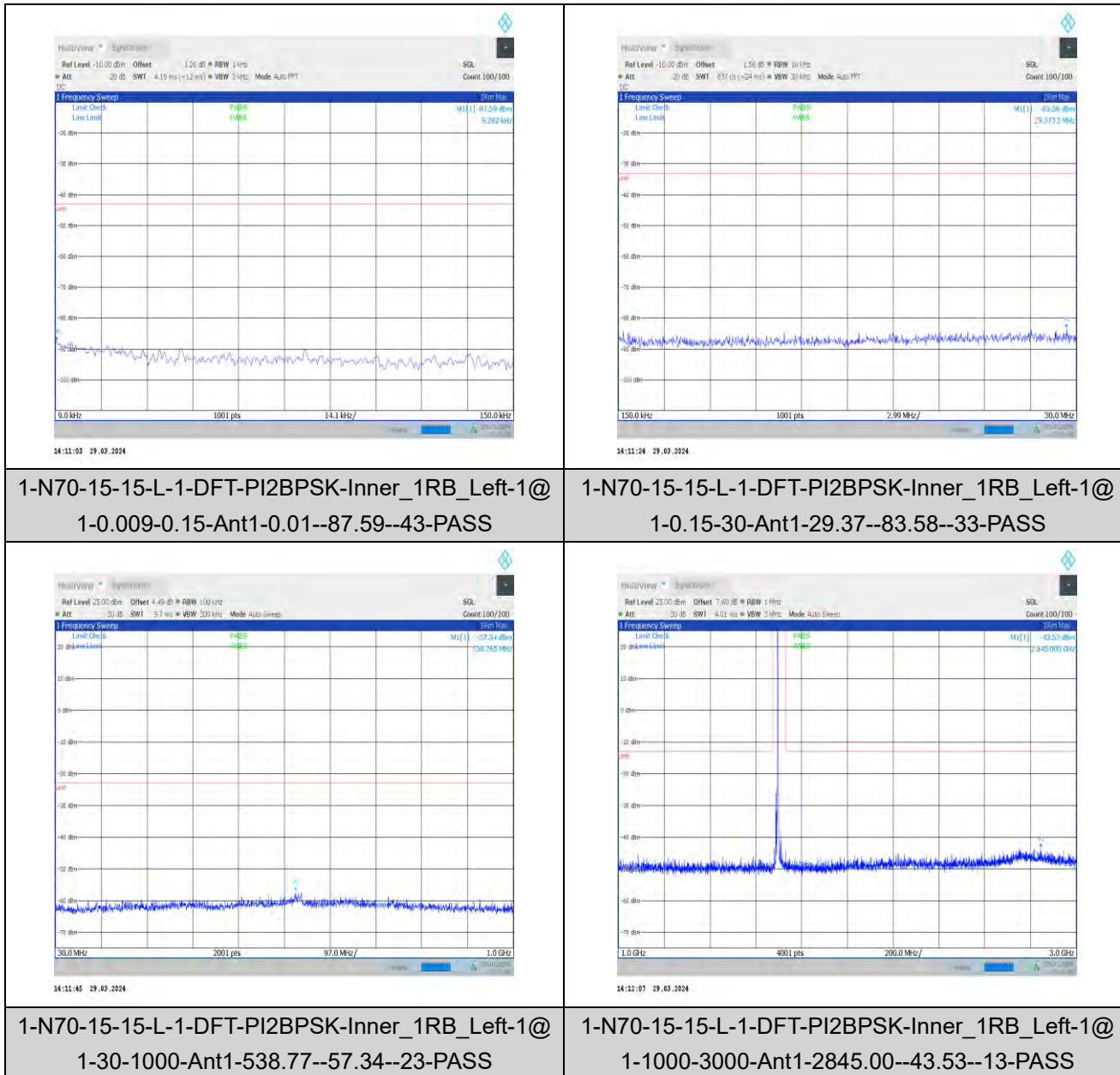
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

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

Conducted Spurious Emission for SA

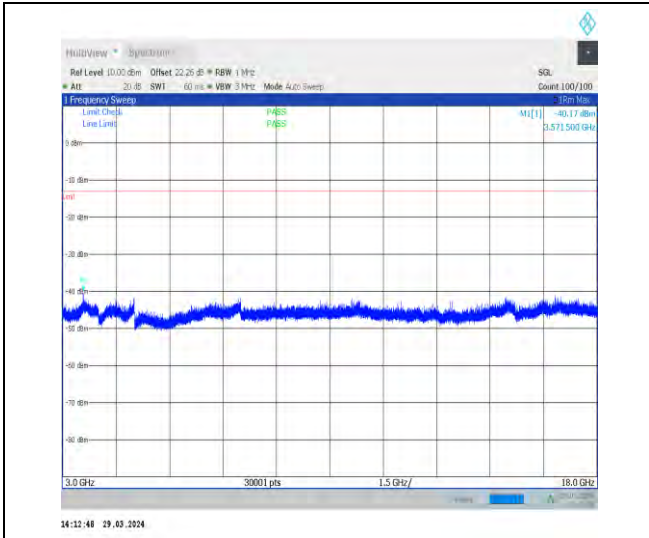
Test Graphs



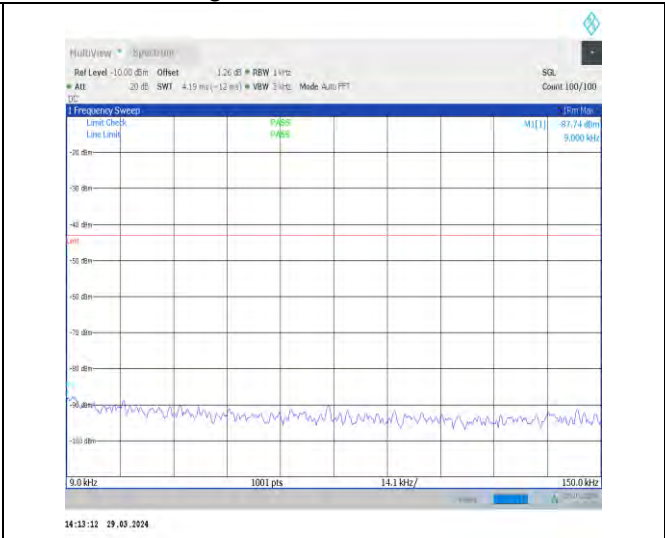
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

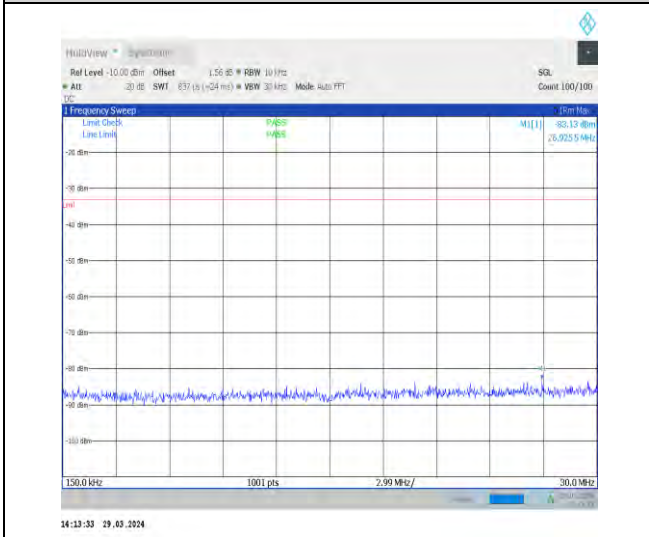
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



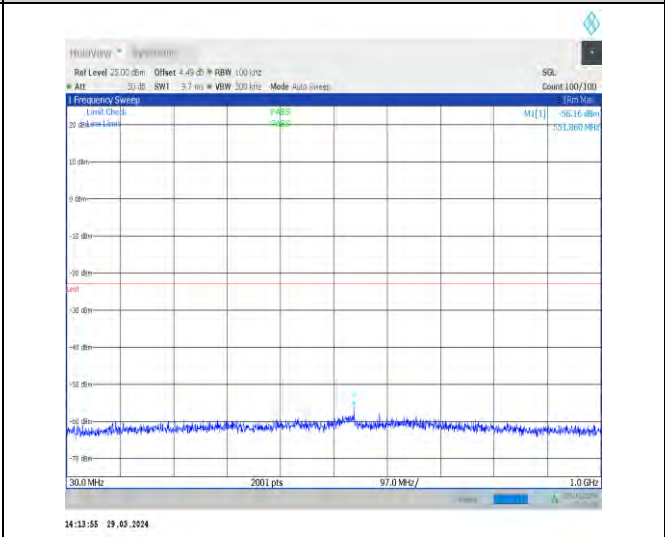
1-N70-15-15-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-3000-18000-Ant1-3571.50--40.17--13-PASS



1-N70-15-15-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-0.009-0.15-Ant1-0.01--87.74--43-PASS



1-N70-15-15-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-0.15-30-Ant1-26.93--83.13--33-PASS



1-N70-15-15-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-30-1000-Ant1-551.86--56.16--23-PASS



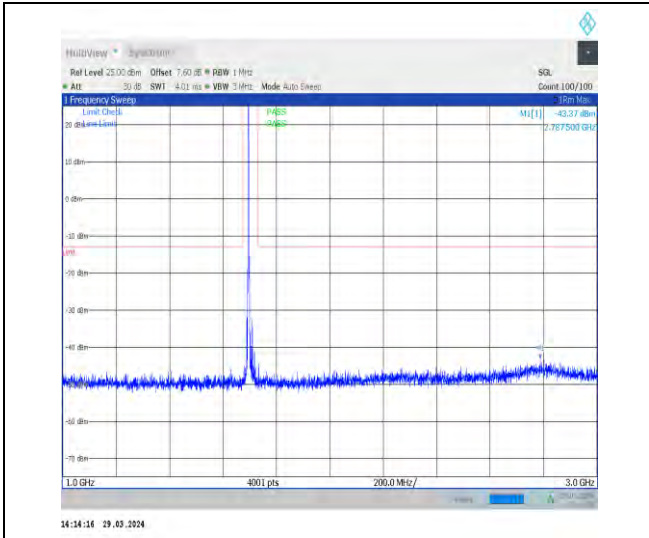
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

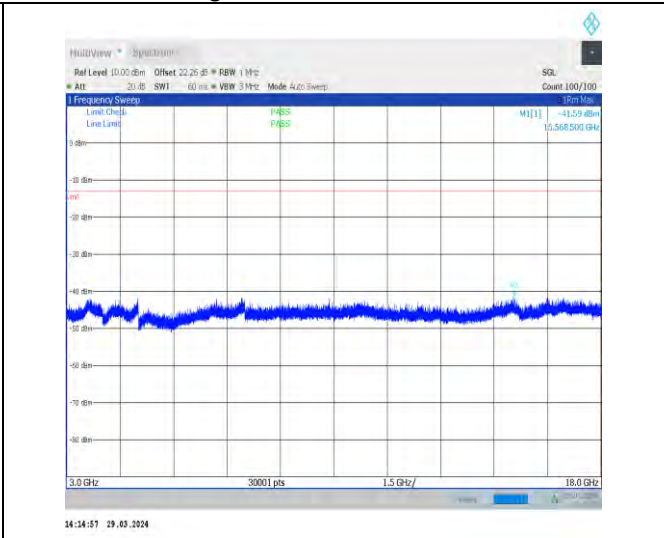
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

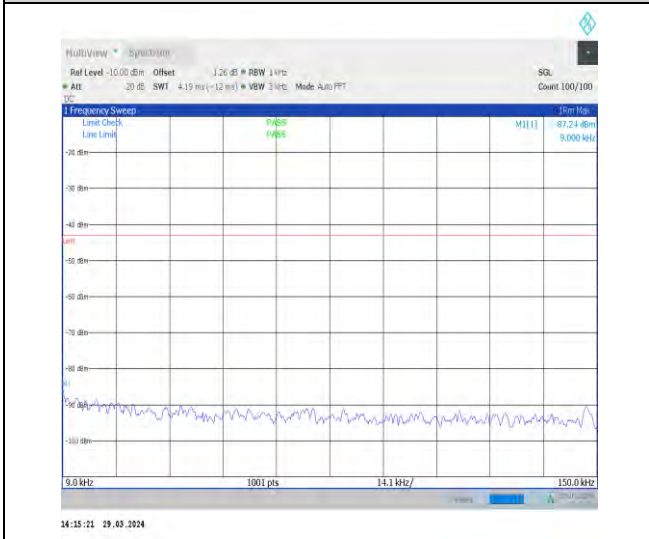
Member of the SGS Group (SGS SA)



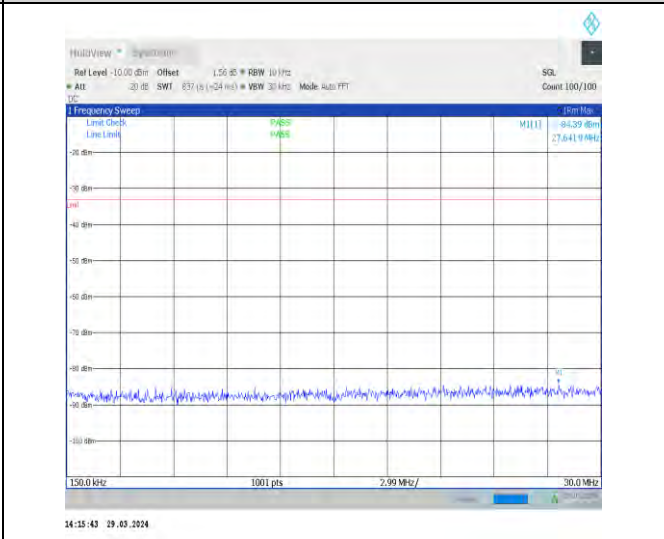
1-N70-15-15-M-1-DFT-PI2BPSK-Inner_1RB_Left-1 @1-1000-3000-Ant1-2787.50--43.37--13-PASS



1-N70-15-15-M-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-3000-18000-Ant1-15568.50--41.59--13-PASS



1-N70-15-15-H-1-DFT-PI2BPSK-Inner_1RB_Left-1 @1-0.009-0.15-Ant1-0.01--87.24--43-PASS



1-N70-15-15-H-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-0.15-30-Ant1-27.64--84.39--33-PASS

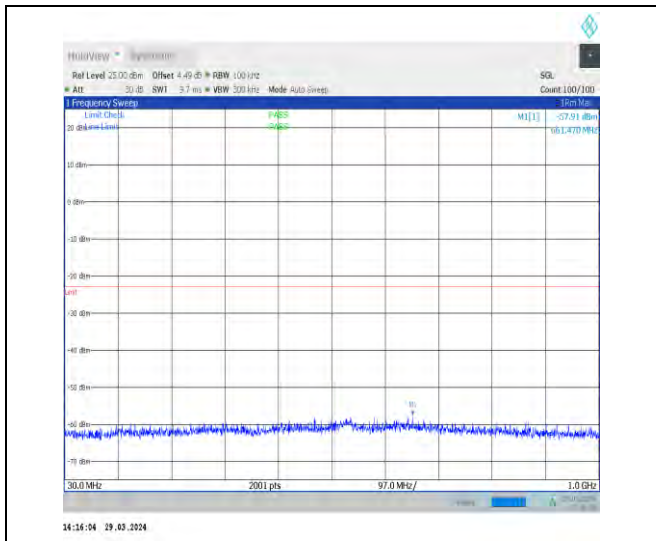


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

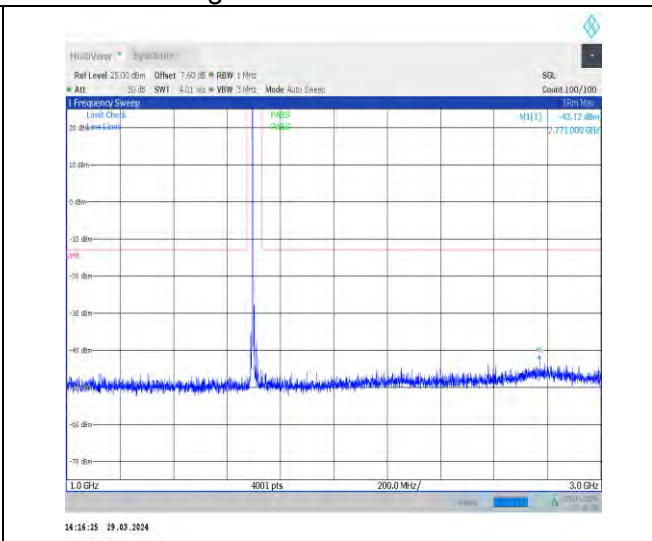
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN_Doccheck@sgs.com

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号厂房南楼 邮编: 215000

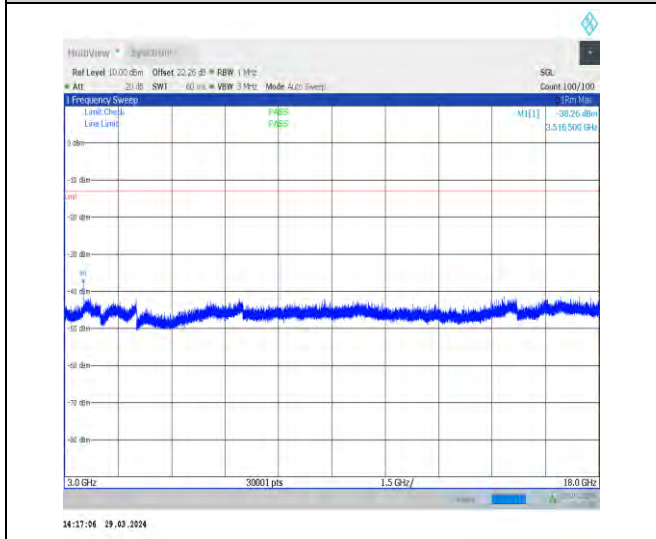
t (86-512) 62992980 www.sgs.com.cn
 t (86-512) 62992980 sgs.china@sgs.com



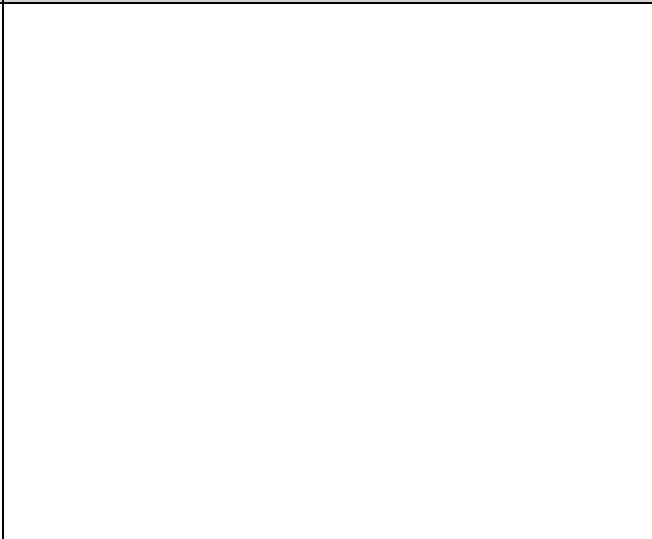
1-N70-15-15-H-1-DFT-PI2BPSK-Inner_1RB_Left-1 @1-30-1000-Ant1-661.47--57.91--23-PASS



1-N70-15-15-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@ 1-1000-3000-Ant1-2771.00--43.12--13-PASS



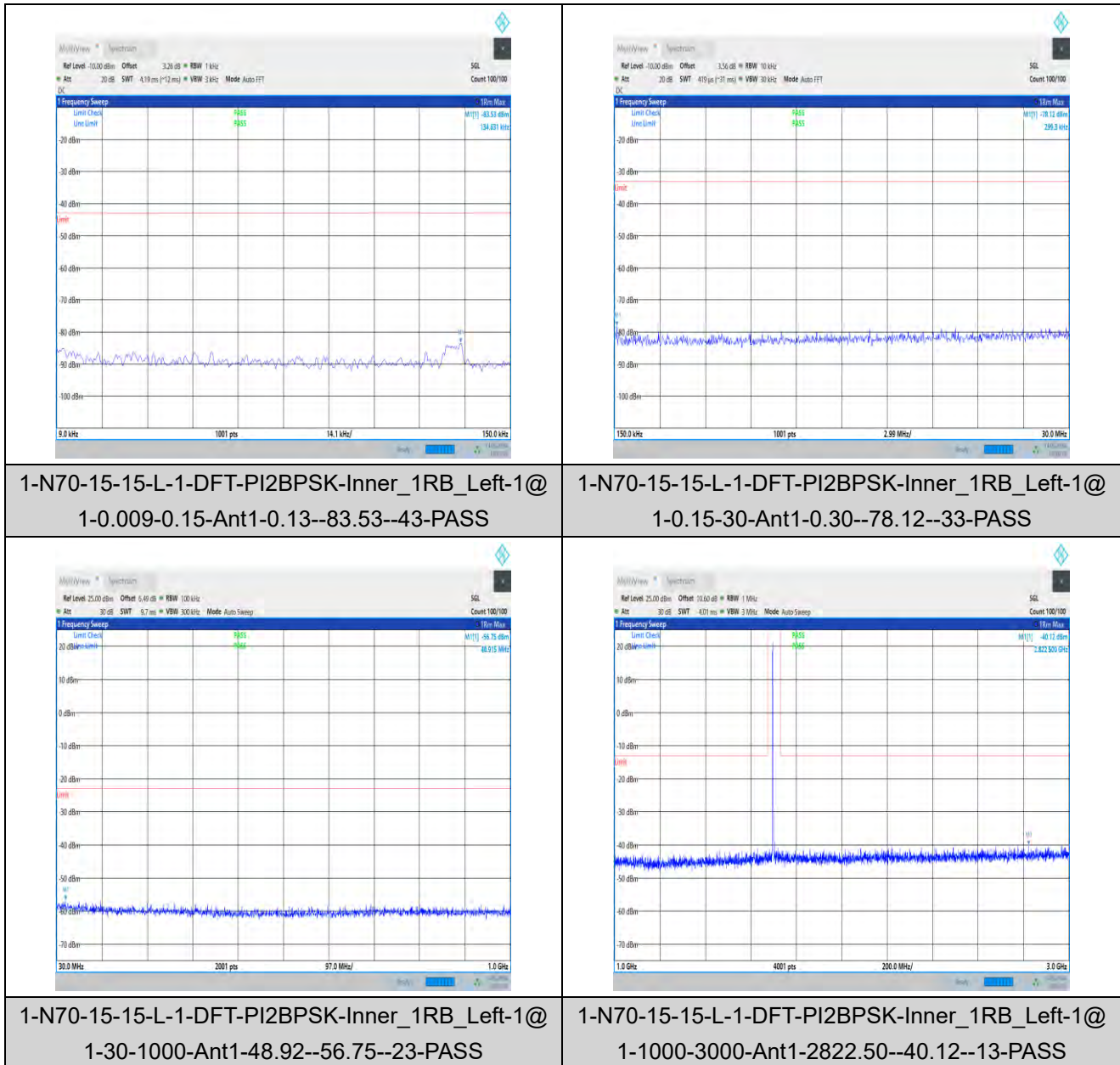
1-N70-15-15-H-1-DFT-PI2BPSK-Inner_1RB_Left-1 @1-3000-18000-Ant1-3516.50--38.26--13-PASS



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) 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 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洞泾路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Conducted Spurious Emission for SA ForMIMO

Test Graphs



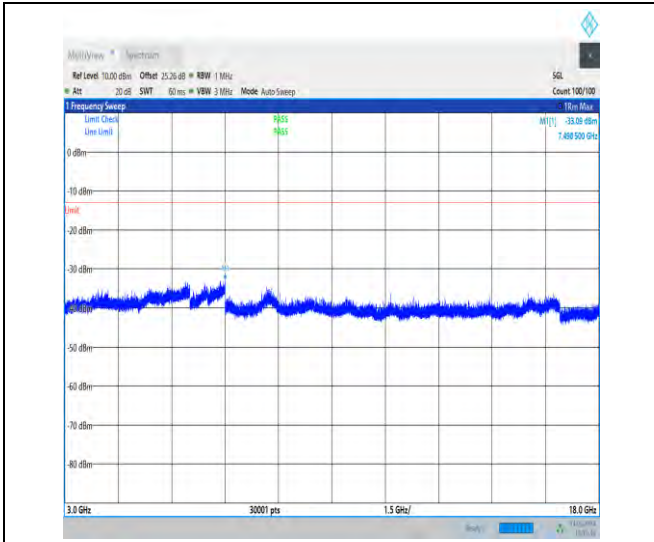
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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) 83071443, or email: CN.Doccheck@sgs.com

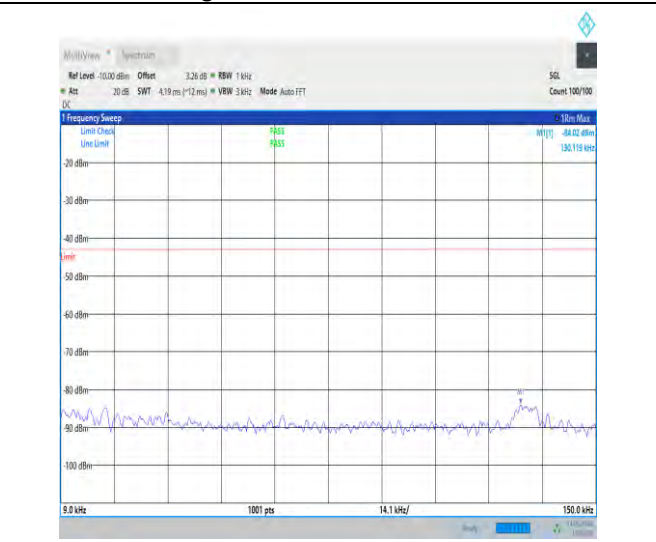
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

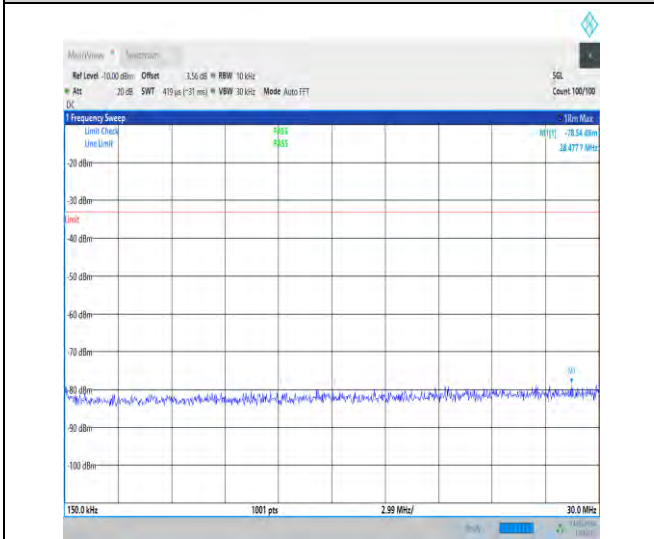
Member of the SGS Group (SGS SA)



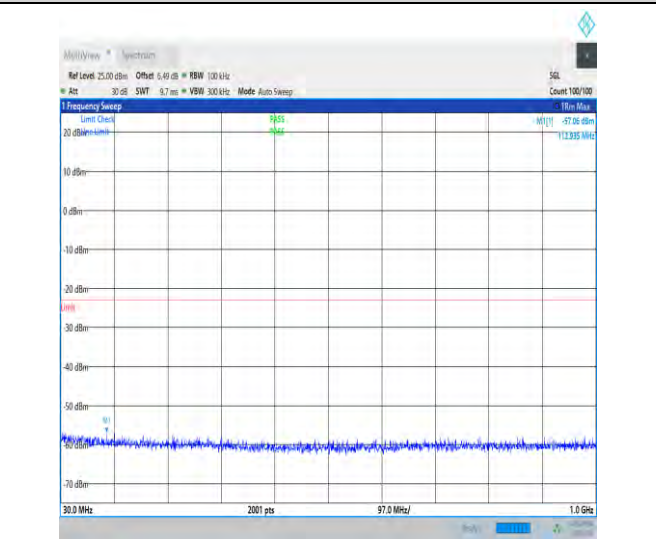
1-N70-15-15-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-3000-18000-Ant1-7498.50--33.09--13-PASS



1-N70-15-15-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-0.009-0.15-Ant1-0.13--84.02--43-PASS



1-N70-15-15-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-0.15-30-Ant1-28.48--78.54--33-PASS



1-N70-15-15-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-30-1000-Ant1-112.94--57.06--23-PASS

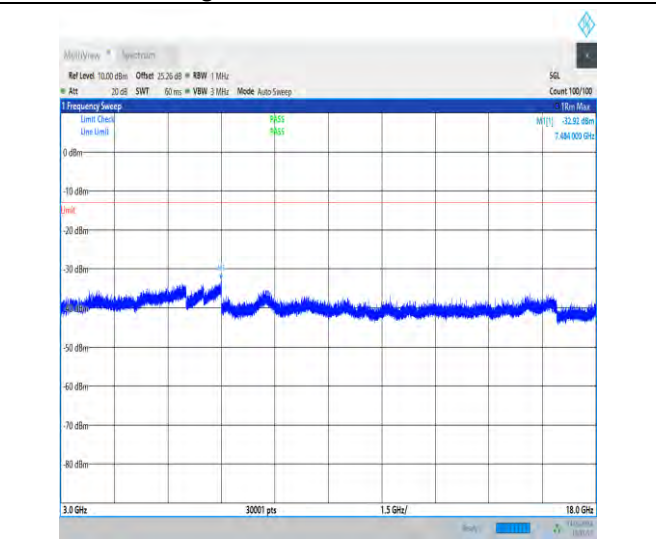
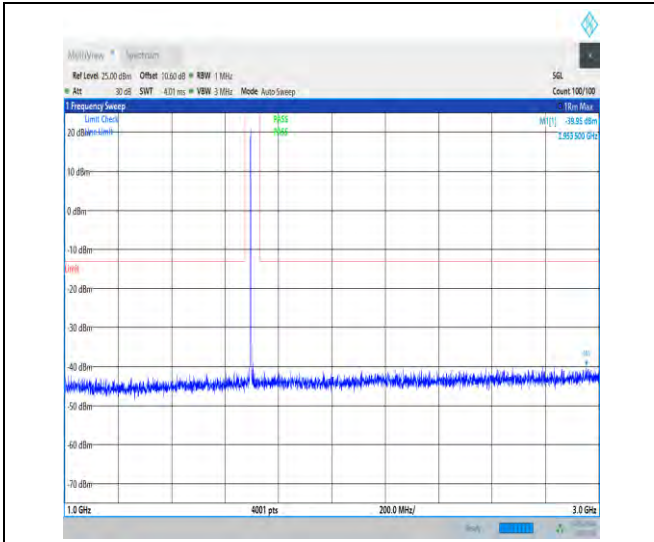


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

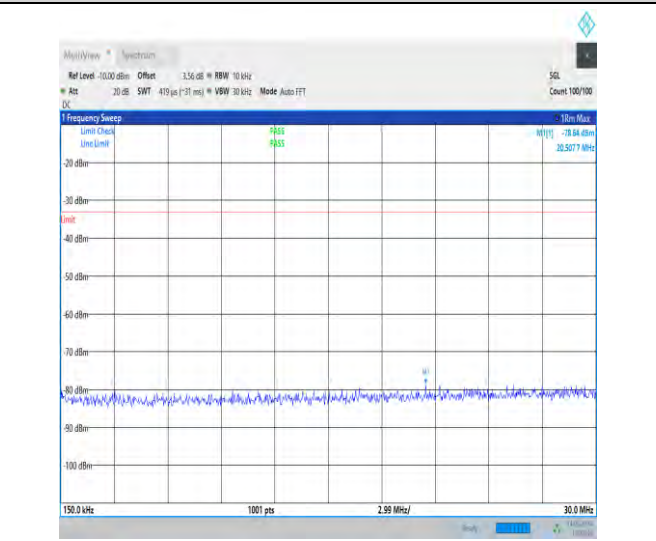
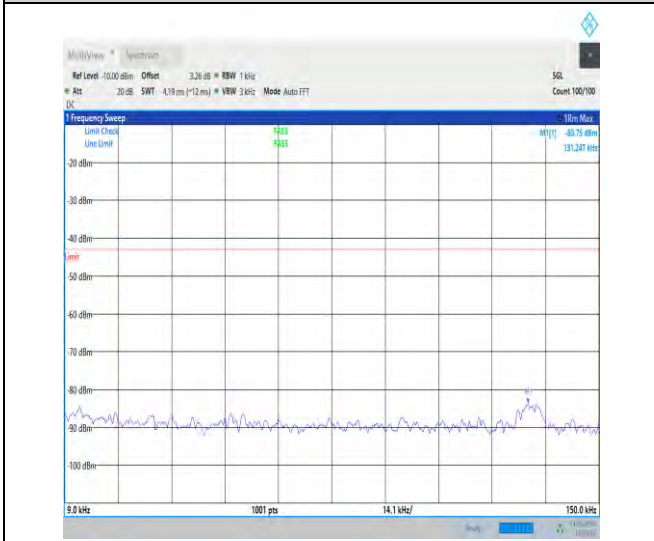
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



1-N70-15-15-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-1000-3000-Ant1-2953.50--39.95--13-PASS

1-N70-15-15-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-18000-Ant1-7484.00--32.92--13-PASS



1-N70-15-15-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-0.009-0.15-Ant1-0.13--83.75--43-PASS

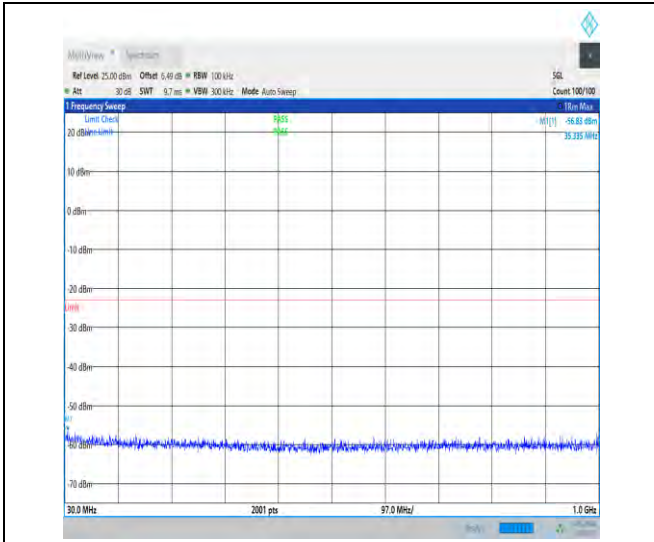
1-N70-15-15-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-0.15-30-Ant1-20.51--78.64--33-PASS



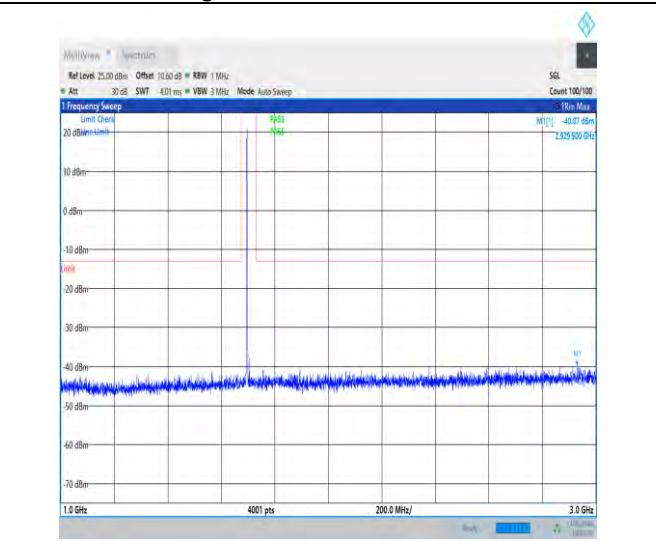
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

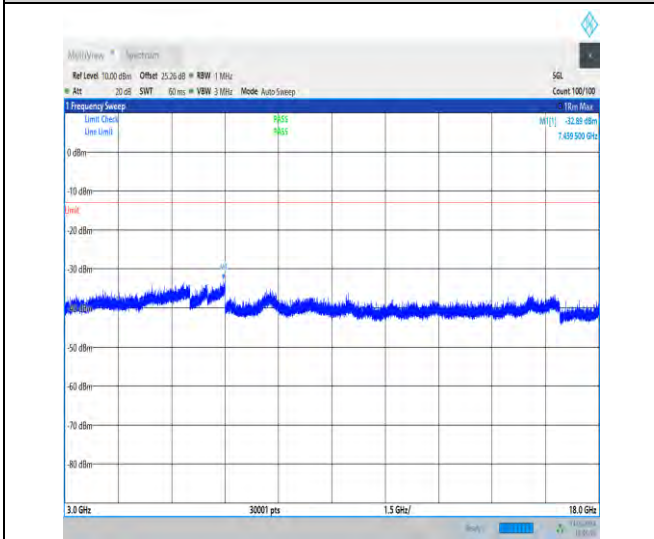
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N70-15-15-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-30-1000-Ant1-35.34--56.83--23-PASS



1-N70-15-15-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-1000-3000-Ant1-2929.50--40.07--13-PASS



1-N70-15-15-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-3000-18000-Ant1-7459.50--32.89--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-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号厂房南楼 邮编: 215000

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

Field Strength of Spurious Radiation

Test Band = SA_n70

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3391	62.60	-44.35	28.60	-48.41	-13.00	35.41	Horizontal
2	5087	51.96	-42.39	31.53	-54.16	-13.00	41.16	Horizontal
3	7091.5	44.23	-38.73	35.95	-53.81	-13.00	40.81	Horizontal
4	9979	42.84	-34.82	38.68	-48.56	-13.00	35.56	Horizontal
5	11316.5	44.64	-34.95	40.13	-45.44	-13.00	32.44	Horizontal
6	14802.5	41.53	-32.50	41.59	-44.64	-13.00	31.64	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3391	60.09	-44.35	28.60	-50.92	-13.00	37.92	Vertical
2	5086.5	57.56	-42.39	31.53	-48.56	-13.00	35.56	Vertical
3	7188.5	43.94	-38.19	36.55	-52.96	-13.00	39.96	Vertical
4	11773	43.99	-34.35	39.83	-45.79	-13.00	32.79	Vertical
5	14797.5	41.46	-32.61	41.61	-44.80	-13.00	31.80	Vertical
6	18000	41.20	-39.77	48.20	-45.63	-13.00	32.63	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-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.sgs.com.cn
 t (86-512) 62992980 sgs.china@sgs.com



Test Band = SA_n70
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3391	64.87	-44.35	28.60	-46.14	-13.00	33.14	Horizontal
2	4788	46.54	-42.66	30.73	-60.65	-13.00	47.65	Horizontal
3	5627.5	46.24	-41.39	32.55	-57.86	-13.00	44.86	Horizontal
4	8396	43.77	-36.60	36.48	-51.61	-13.00	38.61	Horizontal
5	11980.5	44.84	-34.77	39.66	-45.53	-13.00	32.53	Horizontal
6	14953	41.08	-31.59	40.84	-44.93	-13.00	31.93	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3391	63.97	-44.35	28.60	-47.04	-13.00	34.04	Vertical
2	5086.5	61.85	-42.39	31.53	-44.27	-13.00	31.27	Vertical
3	8477.5	46.06	-36.12	36.46	-48.86	-13.00	35.86	Vertical
4	11275.5	44.93	-35.22	40.12	-45.43	-13.00	32.43	Vertical
5	13452	43.03	-32.72	39.76	-45.19	-13.00	32.19	Vertical
6	16581.5	41.73	-30.91	39.46	-44.98	-13.00	31.98	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) 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



Test Band = SA_n70

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3391	60.76	-44.35	28.60	-50.25	-13.00	37.25	Horizontal
2	4378	46.93	-43.28	30.01	-61.60	-13.00	48.60	Horizontal
3	6024	45.68	-40.65	33.24	-56.99	-13.00	43.99	Horizontal
4	9651.5	42.11	-34.71	38.10	-49.76	-13.00	36.76	Horizontal
5	13418	44.00	-33.24	39.65	-44.85	-13.00	31.85	Horizontal
6	17112.5	42.73	-35.15	42.15	-45.53	-13.00	32.53	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3391	63.28	-44.35	28.60	-47.73	-13.00	34.73	Vertical
2	5086.5	61.69	-42.39	31.53	-44.43	-13.00	31.43	Vertical
3	7461.5	43.94	-37.80	36.82	-52.30	-13.00	39.30	Vertical
4	11315	43.88	-34.93	40.13	-46.18	-13.00	33.18	Vertical
5	14809	41.68	-32.56	41.55	-44.59	-13.00	31.59	Vertical
6	17977	42.01	-39.75	47.79	-45.21	-13.00	32.21	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) 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.sgsgroup.com.cn
 t (86-512) 62992980 sgs.china@sgs.com

Test Band = n70 ULMIMO_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1310.2857	46.15	-48.12	25.16	-72.07	-13.00	59.07	Horizontal
2	1962.8571	45.34	-47.96	26.09	-71.79	-13.00	58.79	Horizontal
3	2589.7143	45.10	-46.96	27.36	-69.76	-13.00	56.76	Horizontal
4	2937.7143	46.79	-46.55	27.99	-67.03	-13.00	54.03	Horizontal
5	4300	43.57	-45.78	30.12	-67.35	-13.00	54.35	Horizontal
6	6012	44.68	-44.46	32.44	-62.60	-13.00	49.60	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1527.4286	46.64	-48.31	25.33	-71.60	-13.00	58.60	Vertical
2	2062.2857	46.91	-47.78	26.32	-69.81	-13.00	56.81	Vertical
3	2664	46.13	-47.01	27.50	-68.64	-13.00	55.64	Vertical
4	3440.5714	45.14	-46.54	28.54	-68.12	-13.00	55.12	Vertical
5	4600.5714	44.35	-45.79	30.76	-65.94	-13.00	52.94	Vertical
6	6162.8571	44.79	-44.82	32.95	-62.33	-13.00	49.33	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) 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

Test Band = n70 ULMIMO_ TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1334.2857	46.48	-48.09	25.17	-71.70	-13.00	58.70	Horizontal
2	1754.2857	46.26	-48.05	25.55	-71.49	-13.00	58.49	Horizontal
3	2364.5714	46.13	-47.47	26.93	-69.67	-13.00	56.67	Horizontal
4	2834.8571	45.40	-46.80	27.80	-68.86	-13.00	55.86	Horizontal
5	3390.8571	44.78	-46.55	28.49	-68.54	-13.00	55.54	Horizontal
6	4765.1429	44.02	-45.70	31.02	-65.91	-13.00	52.91	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1305.1429	46.93	-48.12	25.15	-71.30	-13.00	58.30	Vertical
2	1724.5714	46.19	-48.11	25.52	-71.65	-13.00	58.65	Vertical
3	2303.4286	46.63	-47.50	26.81	-69.32	-13.00	56.32	Vertical
4	2969.7143	45.69	-46.54	28.05	-68.06	-13.00	55.06	Vertical
5	3951.4286	44.75	-46.21	29.32	-67.40	-13.00	54.40	Vertical
6	5964.5714	44.88	-44.62	32.39	-62.61	-13.00	49.61	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) 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
 s (86-512) 62992980 sgs.china@sgs.com

Test Band = n70 ULMIMO_ TM1

Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1233.7143	46.04	-48.42	25.12	-72.52	-13.00	59.52	Horizontal
2	1596	46.20	-48.28	25.40	-71.95	-13.00	58.95	Horizontal
3	2200	45.92	-47.68	26.60	-70.42	-13.00	57.42	Horizontal
4	2937.1429	47.28	-46.55	27.99	-66.54	-13.00	53.54	Horizontal
5	3996	44.20	-46.20	29.39	-67.87	-13.00	54.87	Horizontal
6	5737.1429	44.16	-44.60	32.35	-63.36	-13.00	50.36	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1309.1429	46.82	-48.12	25.15	-71.40	-13.00	58.40	Vertical
2	1766.8571	46.25	-48.02	25.57	-71.46	-13.00	58.46	Vertical
3	2301.7143	46.35	-47.50	26.80	-69.61	-13.00	56.61	Vertical
4	3062.2857	46.07	-46.66	28.16	-67.69	-13.00	54.69	Vertical
5	3961.1429	44.60	-46.21	29.34	-67.53	-13.00	54.53	Vertical
6	5472	45.33	-45.09	32.25	-62.77	-13.00	49.77	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-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.sgsgroup.com.cn
 sgs.china@sgs.com

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
N70	15	15	DFT-PI2BPSK	M	Outer_Full	VH	NT	2.500000	0.001468	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	VN	NT	3.200000	0.001880	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	VL	NT	7.000000	0.004112	PASS
N70	15	15	CP-QPSK	M	Outer_Full	VH	NT	-3.500000	-0.002056	PASS
N70	15	15	CP-QPSK	M	Outer_Full	VN	NT	0.600000	0.000352	PASS
N70	15	15	CP-QPSK	M	Outer_Full	VL	NT	1.200000	0.000705	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号厂房南楼 邮编: 215000

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

Frequency Error VS. Temperature

Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	-30	4.000000	0.002349	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	-20	2.400000	0.001410	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	-10	1.800000	0.001057	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	0	2.800000	0.001645	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	10	2.800000	0.001645	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	20	0.700000	0.000411	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	30	0.200000	0.000117	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	40	0.100000	0.000059	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	50	0.500000	0.000294	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	-30	0.100000	0.000059	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	-20	1.900000	0.001116	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	-10	-3.500000	-0.002056	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	0	2.200000	0.001292	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	10	-1.300000	-0.000764	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	20	2.000000	0.001175	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	30	1.100000	0.000646	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	40	-2.500000	-0.001468	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	50	-0.800000	-0.000470	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-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 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

Member of the SGS Group (SGS SA)