



Report No.: SEWA2204000008RG02

Rev.: 01

Page: 1 of 52

# Appendix B.41

## 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-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.Docscheck@sgs.com](mailto:CN.Docscheck@sgs.com)

Suzhou No. 8 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8号厂房南楼 邮编: 215000

t (86-512) 62982980 www.sgs.com.cn  
t (86-512) 62982980 sgs.china@sgs.com



**Effective (Isotropic) Radiated Power Output Data for SA**

**Test Result**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N70	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.46	24.76	30	PASS
N70	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.52	24.82	30	PASS
N70	15	5	DFT-PI2BPSK	L	Outer_Full	23.05	24.35	30	PASS
N70	15	5	DFT-QPSK	L	Inner_1RB_Left	23.53	24.83	30	PASS
N70	15	5	DFT-QPSK	L	Inner_1RB_Right	23.62	24.92	30	PASS
N70	15	5	DFT-QPSK	L	Outer_Full	22.55	23.85	30	PASS
N70	15	5	DFT-16QAM	L	Inner_1RB_Left	22.99	24.29	30	PASS
N70	15	5	DFT-16QAM	L	Inner_1RB_Right	23.03	24.33	30	PASS
N70	15	5	DFT-16QAM	L	Outer_Full	21.53	22.83	30	PASS
N70	15	5	DFT-64QAM	L	Inner_1RB_Left	20.9	22.2	30	PASS
N70	15	5	DFT-64QAM	L	Inner_1RB_Right	20.96	22.26	30	PASS
N70	15	5	DFT-64QAM	L	Outer_Full	21.2	22.5	30	PASS
N70	15	5	DFT-256QAM	L	Inner_1RB_Left	18.87	20.17	30	PASS
N70	15	5	DFT-256QAM	L	Inner_1RB_Right	18.9	20.2	30	PASS
N70	15	5	DFT-256QAM	L	Outer_Full	18.98	20.28	30	PASS
N70	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.5	24.8	30	PASS
N70	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.53	24.83	30	PASS
N70	15	5	DFT-PI2BPSK	M	Outer_Full	23.12	24.42	30	PASS
N70	15	5	DFT-QPSK	M	Inner_1RB_Left	23.59	24.89	30	PASS
N70	15	5	DFT-QPSK	M	Inner_1RB_Right	23.58	24.88	30	PASS
N70	15	5	DFT-QPSK	M	Outer_Full	22.58	23.88	30	PASS
N70	15	5	DFT-16QAM	M	Inner_1RB_Left	23.04	24.34	30	PASS
N70	15	5	DFT-16QAM	M	Inner_1RB_Right	23.05	24.35	30	PASS
N70	15	5	DFT-16QAM	M	Outer_Full	21.64	22.94	30	PASS
N70	15	5	DFT-64QAM	M	Inner_1RB_Left	20.96	22.26	30	PASS
N70	15	5	DFT-64QAM	M	Inner_1RB_Right	20.95	22.25	30	PASS
N70	15	5	DFT-64QAM	M	Outer_Full	21.27	22.57	30	PASS
N70	15	5	DFT-256QAM	M	Inner_1RB_Left	18.89	20.19	30	PASS
N70	15	5	DFT-256QAM	M	Inner_1RB_Right	18.89	20.19	30	PASS
N70	15	5	DFT-256QAM	M	Outer_Full	19.07	20.37	30	PASS
N70	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.52	24.82	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 & certificates, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Docscheck@sgs.com](mailto:CN.Docscheck@sgs.com)

South of No. 8 Plant, No. 1, Ransheng 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阳澄湖路1号8号厂房南楼 邮编: 215000

Tel: (86-512) 62982980 www.sgs.com.cn  
 Tel: (86-512) 62982980 sgs.china@sgs.com





N70	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.51	24.81	30	PASS
N70	15	5	DFT-PI2BPSK	H	Outer_Full	23.16	24.46	30	PASS
N70	15	5	DFT-QPSK	H	Inner_1RB_Left	23.61	24.91	30	PASS
N70	15	5	DFT-QPSK	H	Inner_1RB_Right	23.55	24.85	30	PASS
N70	15	5	DFT-QPSK	H	Outer_Full	22.62	23.92	30	PASS
N70	15	5	DFT-16QAM	H	Inner_1RB_Left	23.04	24.34	30	PASS
N70	15	5	DFT-16QAM	H	Inner_1RB_Right	22.99	24.29	30	PASS
N70	15	5	DFT-16QAM	H	Outer_Full	21.69	22.99	30	PASS
N70	15	5	DFT-64QAM	H	Inner_1RB_Left	20.97	22.27	30	PASS
N70	15	5	DFT-64QAM	H	Inner_1RB_Right	20.91	22.21	30	PASS
N70	15	5	DFT-64QAM	H	Outer_Full	21.29	22.59	30	PASS
N70	15	5	DFT-256QAM	H	Inner_1RB_Left	18.88	20.18	30	PASS
N70	15	5	DFT-256QAM	H	Inner_1RB_Right	18.82	20.12	30	PASS
N70	15	5	DFT-256QAM	H	Outer_Full	19.11	20.41	30	PASS
N70	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.4	24.7	30	PASS
N70	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.44	24.74	30	PASS
N70	15	10	DFT-PI2BPSK	L	Outer_Full	23.08	24.38	30	PASS
N70	15	10	DFT-QPSK	L	Inner_1RB_Left	23.43	24.73	30	PASS
N70	15	10	DFT-QPSK	L	Inner_1RB_Right	23.51	24.81	30	PASS
N70	15	10	DFT-QPSK	L	Outer_Full	22.61	23.91	30	PASS
N70	15	10	DFT-16QAM	L	Inner_1RB_Left	22.91	24.21	30	PASS
N70	15	10	DFT-16QAM	L	Inner_1RB_Right	22.97	24.27	30	PASS
N70	15	10	DFT-16QAM	L	Outer_Full	21.53	22.83	30	PASS
N70	15	10	DFT-64QAM	L	Inner_1RB_Left	20.83	22.13	30	PASS
N70	15	10	DFT-64QAM	L	Inner_1RB_Right	20.9	22.2	30	PASS
N70	15	10	DFT-64QAM	L	Outer_Full	21.1	22.4	30	PASS
N70	15	10	DFT-256QAM	L	Inner_1RB_Left	18.75	20.05	30	PASS
N70	15	10	DFT-256QAM	L	Inner_1RB_Right	18.8	20.1	30	PASS
N70	15	10	DFT-256QAM	L	Outer_Full	19.06	20.36	30	PASS
N70	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.34	24.64	30	PASS
N70	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.49	24.79	30	PASS
N70	15	10	DFT-PI2BPSK	M	Outer_Full	23.12	24.42	30	PASS
N70	15	10	DFT-QPSK	M	Inner_1RB_Left	23.47	24.77	30	PASS
N70	15	10	DFT-QPSK	M	Inner_1RB_Right	23.58	24.88	30	PASS
N70	15	10	DFT-QPSK	M	Outer_Full	22.57	23.87	30	PASS
N70	15	10	DFT-16QAM	M	Inner_1RB_Left	22.49	23.79	30	PASS
N70	15	10	DFT-16QAM	M	Inner_1RB_Right	22.62	23.92	30	PASS
N70	15	10	DFT-16QAM	M	Outer_Full	21.6	22.9	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: [CS.Docscheck@sgs.com](mailto:CS.Docscheck@sgs.com)

South of No. 8 Plant, No. 1, Ransheng 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阳澄湖1号8号厂房南楼 邮编: 215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com





Report No.: SEWA2204000008RG02

Rev.: 01

Page: 4 of 52

N70	15	10	DFT-64QAM	M	Inner_1RB_Left	20.91	22.21	30	PASS
N70	15	10	DFT-64QAM	M	Inner_1RB_Right	21.04	22.34	30	PASS
N70	15	10	DFT-64QAM	M	Outer_Full	21.13	22.43	30	PASS
N70	15	10	DFT-256QAM	M	Inner_1RB_Left	18.73	20.03	30	PASS
N70	15	10	DFT-256QAM	M	Inner_1RB_Right	18.89	20.19	30	PASS
N70	15	10	DFT-256QAM	M	Outer_Full	19.08	20.38	30	PASS
N70	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.42	24.72	30	PASS
N70	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.41	24.71	30	PASS
N70	15	10	DFT-PI2BPSK	H	Outer_Full	23.08	24.38	30	PASS
N70	15	10	DFT-QPSK	H	Inner_1RB_Left	23.55	24.85	30	PASS
N70	15	10	DFT-QPSK	H	Inner_1RB_Right	23.58	24.88	30	PASS
N70	15	10	DFT-QPSK	H	Outer_Full	22.62	23.92	30	PASS
N70	15	10	DFT-16QAM	H	Inner_1RB_Left	22.61	23.91	30	PASS
N70	15	10	DFT-16QAM	H	Inner_1RB_Right	22.52	23.82	30	PASS
N70	15	10	DFT-16QAM	H	Outer_Full	21.58	22.88	30	PASS
N70	15	10	DFT-64QAM	H	Inner_1RB_Left	20.99	22.29	30	PASS
N70	15	10	DFT-64QAM	H	Inner_1RB_Right	20.97	22.27	30	PASS
N70	15	10	DFT-64QAM	H	Outer_Full	21.12	22.42	30	PASS
N70	15	10	DFT-256QAM	H	Inner_1RB_Left	18.8	20.1	30	PASS
N70	15	10	DFT-256QAM	H	Inner_1RB_Right	18.79	20.09	30	PASS
N70	15	10	DFT-256QAM	H	Outer_Full	19.09	20.39	30	PASS
N70	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.56	24.86	30	PASS
N70	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.64	24.94	30	PASS
N70	15	15	DFT-PI2BPSK	L	Outer_Full	23.18	24.48	30	PASS
N70	15	15	DFT-QPSK	L	Inner_1RB_Left	23.65	24.95	30	PASS
N70	15	15	DFT-QPSK	L	Inner_1RB_Right	23.68	24.98	30	PASS
N70	15	15	DFT-QPSK	L	Outer_Full	22.73	24.03	30	PASS
N70	15	15	DFT-16QAM	L	Inner_1RB_Left	23.09	24.39	30	PASS
N70	15	15	DFT-16QAM	L	Inner_1RB_Right	23.17	24.47	30	PASS
N70	15	15	DFT-16QAM	L	Outer_Full	21.72	23.02	30	PASS
N70	15	15	DFT-64QAM	L	Inner_1RB_Left	21.06	22.36	30	PASS
N70	15	15	DFT-64QAM	L	Inner_1RB_Right	21.1	22.4	30	PASS
N70	15	15	DFT-64QAM	L	Outer_Full	21.27	22.57	30	PASS
N70	15	15	DFT-256QAM	L	Inner_1RB_Left	18.96	20.26	30	PASS
N70	15	15	DFT-256QAM	L	Inner_1RB_Right	18.98	20.28	30	PASS
N70	15	15	DFT-256QAM	L	Outer_Full	19.19	20.49	30	PASS
N70	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.58	24.88	30	PASS
N70	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.66	24.96	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-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: [CS\\_Docscheck@sgs.com](mailto:CS_Docscheck@sgs.com)

South of No. 8 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生路1号的8号厂房南楼 邮编：215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com





N70	15	15	DFT-PI2BPSK	M	Outer_Full	23.22	24.52	30	PASS
N70	15	15	DFT-QPSK	M	Inner_1RB_Left	23.67	24.97	30	PASS
N70	15	15	DFT-QPSK	M	Inner_1RB_Right	23.75	25.05	30	PASS
N70	15	15	DFT-QPSK	M	Outer_Full	22.73	24.03	30	PASS
N70	15	15	DFT-16QAM	M	Inner_1RB_Left	23.09	24.39	30	PASS
N70	15	15	DFT-16QAM	M	Inner_1RB_Right	23.17	24.47	30	PASS
N70	15	15	DFT-16QAM	M	Outer_Full	21.74	23.04	30	PASS
N70	15	15	DFT-64QAM	M	Inner_1RB_Left	21.07	22.37	30	PASS
N70	15	15	DFT-64QAM	M	Inner_1RB_Right	21.11	22.41	30	PASS
N70	15	15	DFT-64QAM	M	Outer_Full	21.28	22.58	30	PASS
N70	15	15	DFT-256QAM	M	Inner_1RB_Left	18.97	20.27	30	PASS
N70	15	15	DFT-256QAM	M	Inner_1RB_Right	19.01	20.31	30	PASS
N70	15	15	DFT-256QAM	M	Outer_Full	19.19	20.49	30	PASS
N70	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.57	24.87	30	PASS
N70	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.67	24.97	30	PASS
N70	15	15	DFT-PI2BPSK	H	Outer_Full	23.24	24.54	30	PASS
N70	15	15	DFT-QPSK	H	Inner_1RB_Left	23.65	24.95	30	PASS
N70	15	15	DFT-QPSK	H	Inner_1RB_Right	23.76	25.06	30	PASS
N70	15	15	DFT-QPSK	H	Outer_Full	22.74	24.04	30	PASS
N70	15	15	DFT-16QAM	H	Inner_1RB_Left	23.13	24.43	30	PASS
N70	15	15	DFT-16QAM	H	Inner_1RB_Right	23.2	24.5	30	PASS
N70	15	15	DFT-16QAM	H	Outer_Full	21.74	23.04	30	PASS
N70	15	15	DFT-64QAM	H	Inner_1RB_Left	21.05	22.35	30	PASS
N70	15	15	DFT-64QAM	H	Inner_1RB_Right	21.13	22.43	30	PASS
N70	15	15	DFT-64QAM	H	Outer_Full	21.28	22.58	30	PASS
N70	15	15	DFT-256QAM	H	Inner_1RB_Left	18.95	20.25	30	PASS
N70	15	15	DFT-256QAM	H	Inner_1RB_Right	19.01	20.31	30	PASS
N70	15	15	DFT-256QAM	H	Outer_Full	19.19	20.49	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 & certificates, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Docscheck@sgs.com](mailto:CN.Docscheck@sgs.com)

Suzhou No. 8 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生路1号的8号厂房南楼 邮编: 215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com

## Peak-to-Average Ratio for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N70	15	15	DFT-256QAM	L	Outer_Full	100%	0.00	8.85	≤13	PASS
N70	15	15	CP-256QAM	L	Outer_Full	100%	0.00	9.41	≤13	PASS
N70	15	15	DFT-256QAM	M	Outer_Full	100%	0.00	8.89	≤13	PASS
N70	15	15	CP-256QAM	M	Outer_Full	100%	0.00	9.47	≤13	PASS
N70	15	15	DFT-256QAM	H	Outer_Full	100%	0.00	8.83	≤13	PASS
N70	15	15	CP-256QAM	H	Outer_Full	100%	0.00	9.54	≤13	PASS



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

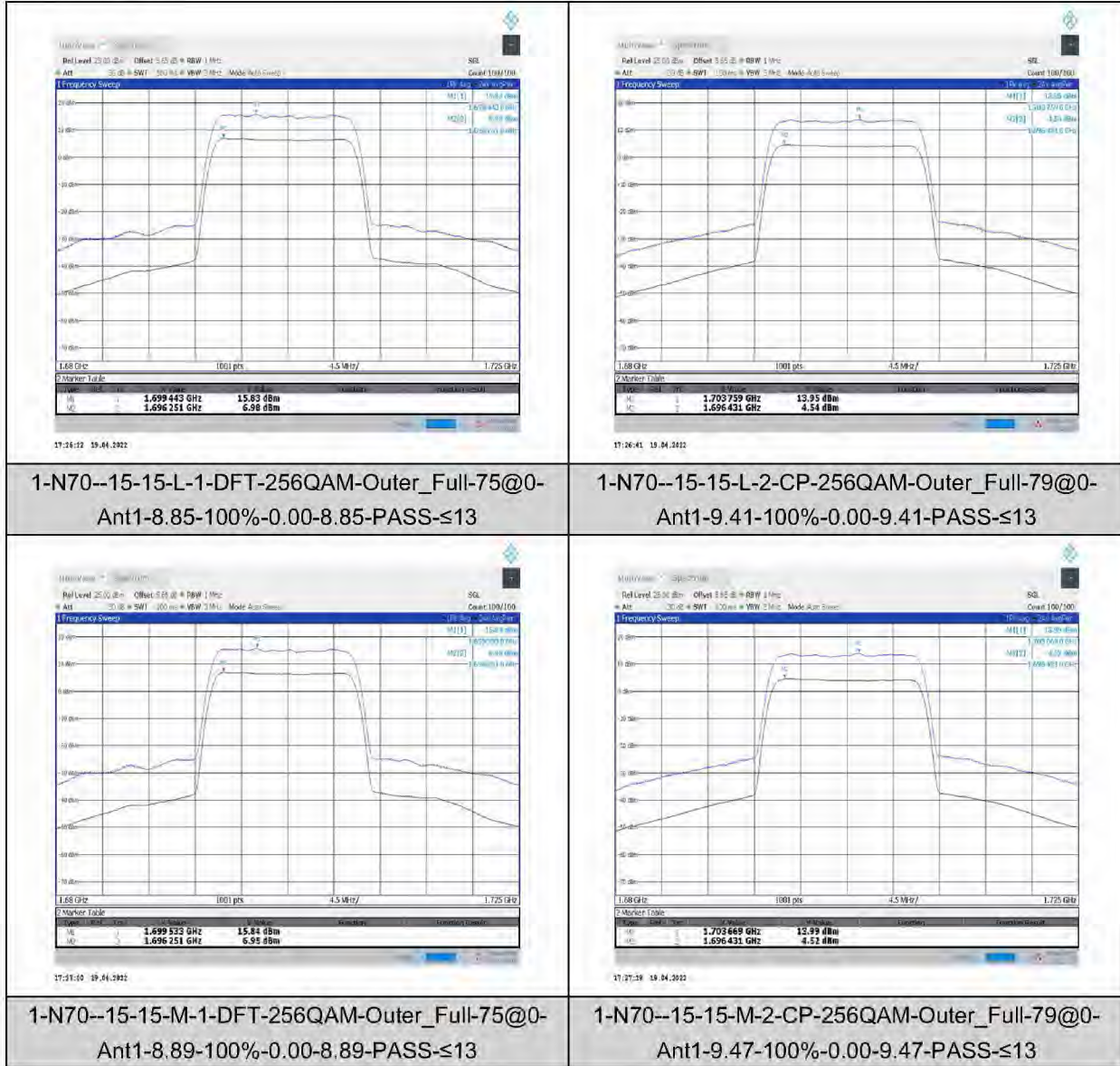
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Docscheck@sgs.com](mailto:CN.Docscheck@sgs.com)

Suzhou No. 8 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生路1号的8号厂房南楼 邮编: 215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



Test Graphs

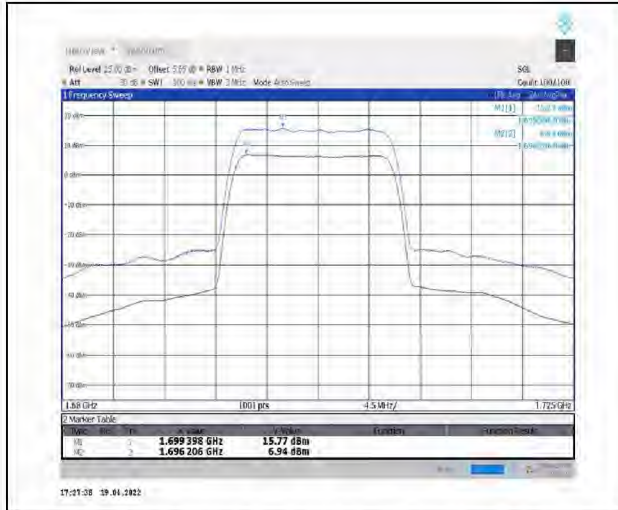


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

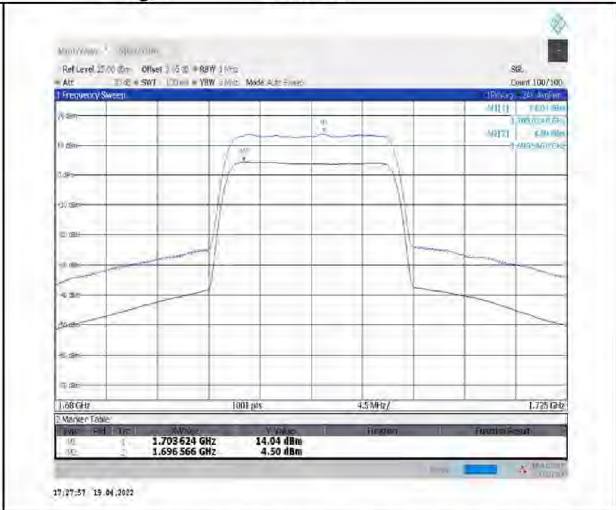
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CSN.DocsCheck@sgs.com](mailto:CSN.DocsCheck@sgs.com)

Suzhou No. 8 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生路1号8号厂房南楼 邮编: 215000

+ (86-512) 62982980 www.sgs.com.cn  
 + (86-512) 62982980 sgs.china@sgs.com



1-N70--15-15-H-1-DFT-256QAM-Outer\_Full-75@0-Ant1-8.83-100%-0.00-8.83-PASS- $\leq 13$



1-N70--15-15-H-2-CP-256QAM-Outer\_Full-79@0-Ant1-9.54-100%-0.00-9.54-PASS- $\leq 13$



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 & certificates, please contact us at telephone: (86-755) 8307 1443, or email: [CN.DocsCheck@sgs.com](mailto:CN.DocsCheck@sgs.com)

Suzhou No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 | t (86-512) 62982980 | 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8号厂房南楼 邮编: 215000 | t (86-512) 62982980 | sgs.china@sgs.com



## Modulation characteristics for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N70	15	15	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N70	15	15	DFT-QPSK	M	Outer_Full	see graph	PASS
N70	15	15	DFT-16QAM	M	Outer_Full	see graph	PASS
N70	15	15	DFT-64QAM	M	Outer_Full	see graph	PASS
N70	15	15	DFT-256QAM	M	Outer_Full	see graph	PASS
N70	15	15	CP-QPSK	M	Outer_Full	see graph	PASS
N70	15	15	CP-16QAM	M	Outer_Full	see graph	PASS
N70	15	15	CP-64QAM	M	Outer_Full	see graph	PASS
N70	15	15	CP-256QAM	M	Outer_Full	see graph	PASS



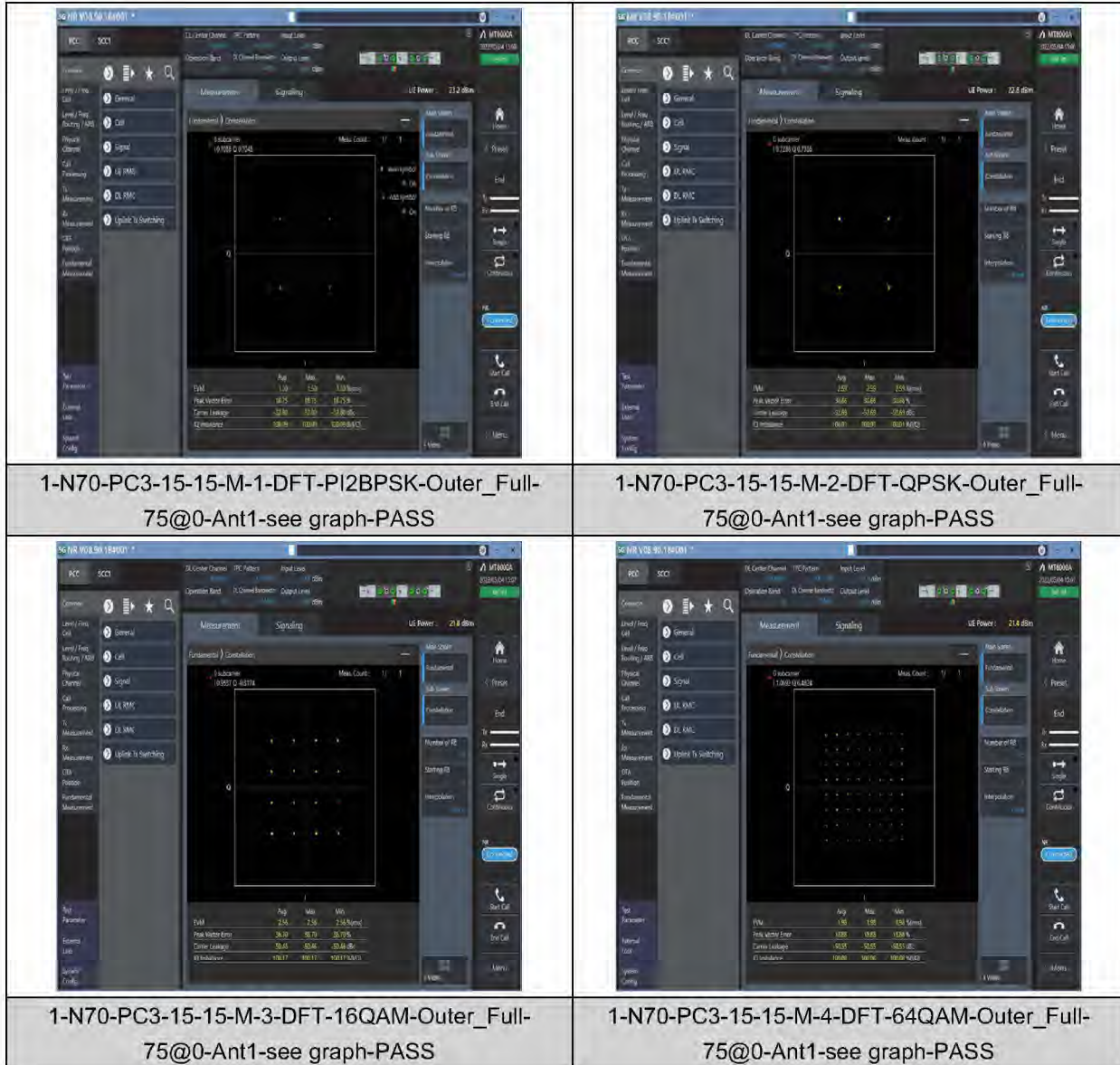
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Suzhou No. 8 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生路1号的8号厂房南楼 邮编: 215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com

Test Graphs



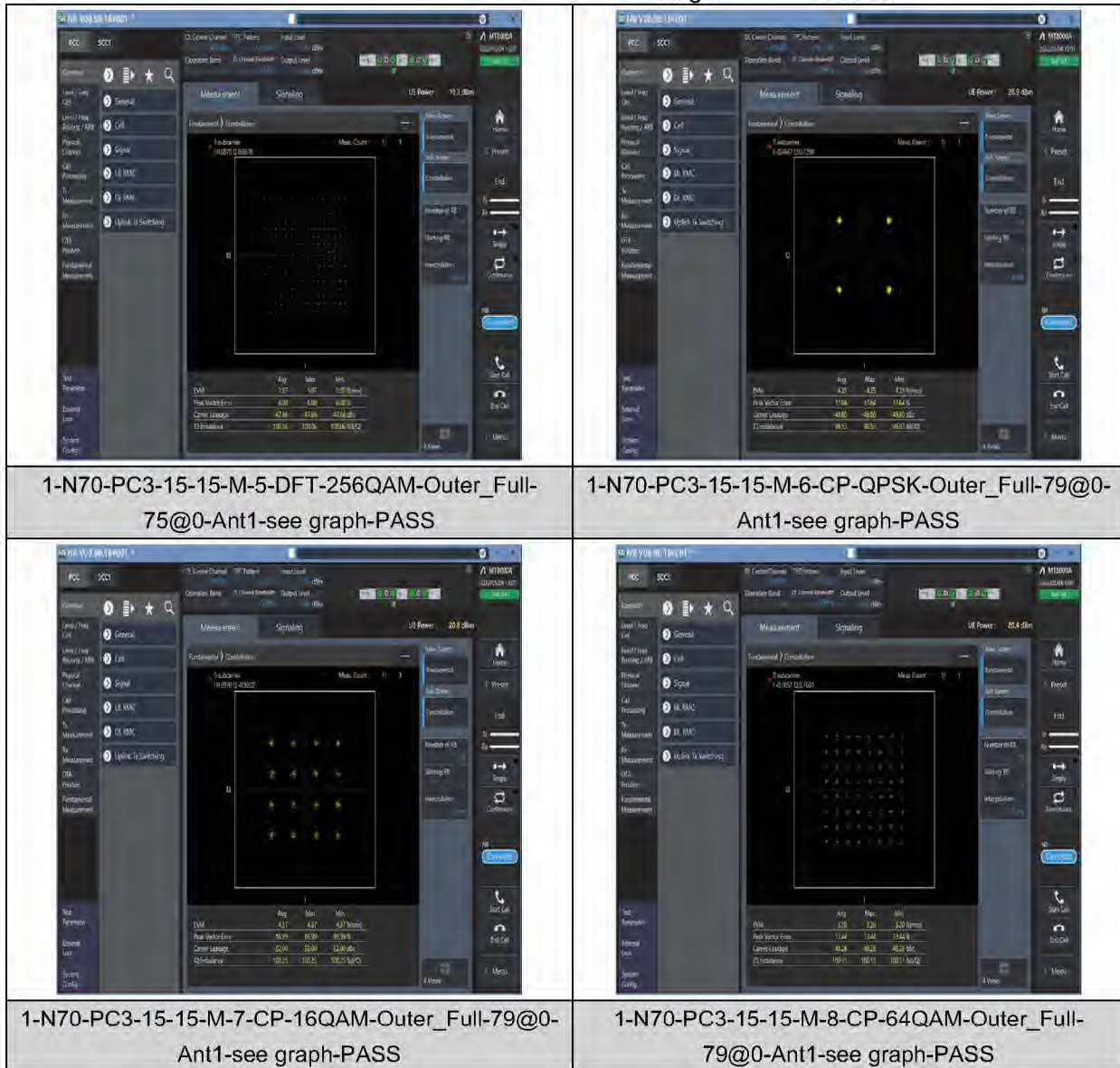
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

South of No. 8 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工业园区润生路1号的8号厂房南楼 邮编: 215000

+ (86-512) 62982980 www.sgs.com.cn  
 + (86-512) 62982980 sgs.china@sgs.com





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

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

South of No. 8 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工业园区润生路1号8号厂房南楼 邮编：215000

† (86-512) 62982980 www.sgs.com.cn  
 † (86-512) 62982980 sgs.china@sgs.com



Report No.: SEWA2204000008RG02

Rev.: 01

Page: 12 of 52

<p>1-N70-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant1-see graph-PASS</p>	



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: [CS\\_Sales@sgs.com](mailto:CS_Sales@sgs.com)

South of No. 8 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湖东路1号的8号厂房南楼 邮编：215000

† (86-512) 62982980 [www.sgs.com](http://www.sgs.com)  
 † (86-512) 62982980 [sgs.china@sgs.com](http://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	L	Outer_Full	4.491	5.070	PASS
N70	15	5	DFT-PI2BPSK	L	Outer_Full	4.466	5.120	PASS
N70	15	5	DFT-16QAM	L	Outer_Full	4.483	5.120	PASS
N70	15	5	DFT-64QAM	L	Outer_Full	4.491	5.080	PASS
N70	15	5	DFT-256QAM	L	Outer_Full	4.481	5.090	PASS
N70	15	5	CP-QPSK	L	Outer_Full	4.478	5.110	PASS
N70	15	5	CP-16QAM	L	Outer_Full	4.478	5.230	PASS
N70	15	5	CP-64QAM	L	Outer_Full	4.484	5.250	PASS
N70	15	5	CP-256QAM	L	Outer_Full	4.494	5.200	PASS
N70	15	5	DFT-QPSK	M	Outer_Full	4.487	5.030	PASS
N70	15	5	DFT-PI2BPSK	M	Outer_Full	4.468	5.120	PASS
N70	15	5	DFT-16QAM	M	Outer_Full	4.478	5.050	PASS
N70	15	5	DFT-64QAM	M	Outer_Full	4.484	5.120	PASS
N70	15	5	DFT-256QAM	M	Outer_Full	4.481	5.140	PASS
N70	15	5	CP-QPSK	M	Outer_Full	4.471	5.100	PASS
N70	15	5	CP-16QAM	M	Outer_Full	4.489	5.220	PASS
N70	15	5	CP-64QAM	M	Outer_Full	4.493	5.350	PASS
N70	15	5	CP-256QAM	M	Outer_Full	4.492	5.160	PASS
N70	15	5	DFT-QPSK	H	Outer_Full	4.476	4.980	PASS
N70	15	5	DFT-PI2BPSK	H	Outer_Full	4.479	5.160	PASS
N70	15	5	DFT-16QAM	H	Outer_Full	4.475	5.050	PASS
N70	15	5	DFT-64QAM	H	Outer_Full	4.479	5.110	PASS
N70	15	5	DFT-256QAM	H	Outer_Full	4.492	5.150	PASS
N70	15	5	CP-QPSK	H	Outer_Full	4.489	5.170	PASS
N70	15	5	CP-16QAM	H	Outer_Full	4.487	5.140	PASS
N70	15	5	CP-64QAM	H	Outer_Full	4.485	5.230	PASS
N70	15	5	CP-256QAM	H	Outer_Full	4.492	5.170	PASS
N70	15	10	DFT-QPSK	L	Outer_Full	8.952	9.720	PASS
N70	15	10	DFT-PI2BPSK	L	Outer_Full	8.937	9.820	PASS
N70	15	10	DFT-16QAM	L	Outer_Full	8.950	9.700	PASS
N70	15	10	DFT-64QAM	L	Outer_Full	8.942	9.700	PASS
N70	15	10	DFT-256QAM	L	Outer_Full	8.942	9.640	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 & certificates, please contact us at telephone: (86-755) 8307 1443, or email: [CS.Docscheck@sgs.com](mailto:CS.Docscheck@sgs.com)

South of No. 8 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湖东路1号的8号厂房南楼 邮编：215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com





N70	15	10	CP-QPSK	L	Outer_Full	9.331	10.400	PASS
N70	15	10	CP-16QAM	L	Outer_Full	9.304	10.180	PASS
N70	15	10	CP-64QAM	L	Outer_Full	9.312	10.300	PASS
N70	15	10	CP-256QAM	L	Outer_Full	9.298	10.140	PASS
N70	15	10	DFT-QPSK	M	Outer_Full	8.955	9.700	PASS
N70	15	10	DFT-PI2BPSK	M	Outer_Full	8.933	9.780	PASS
N70	15	10	DFT-16QAM	M	Outer_Full	8.958	9.720	PASS
N70	15	10	DFT-64QAM	M	Outer_Full	8.956	9.760	PASS
N70	15	10	DFT-256QAM	M	Outer_Full	8.960	9.800	PASS
N70	15	10	CP-QPSK	M	Outer_Full	9.321	10.300	PASS
N70	15	10	CP-16QAM	M	Outer_Full	9.305	10.300	PASS
N70	15	10	CP-64QAM	M	Outer_Full	9.320	10.380	PASS
N70	15	10	CP-256QAM	M	Outer_Full	9.303	10.180	PASS
N70	15	10	DFT-QPSK	H	Outer_Full	8.958	9.720	PASS
N70	15	10	DFT-PI2BPSK	H	Outer_Full	8.952	9.920	PASS
N70	15	10	DFT-16QAM	H	Outer_Full	8.959	9.640	PASS
N70	15	10	DFT-64QAM	H	Outer_Full	8.946	9.760	PASS
N70	15	10	DFT-256QAM	H	Outer_Full	8.946	9.680	PASS
N70	15	10	CP-QPSK	H	Outer_Full	9.319	10.260	PASS
N70	15	10	CP-16QAM	H	Outer_Full	9.299	10.220	PASS
N70	15	10	CP-64QAM	H	Outer_Full	9.326	10.320	PASS
N70	15	10	CP-256QAM	H	Outer_Full	9.315	10.220	PASS
N70	15	15	DFT-QPSK	L	Outer_Full	13.505	14.460	PASS
N70	15	15	DFT-PI2BPSK	L	Outer_Full	13.425	14.490	PASS
N70	15	15	DFT-16QAM	L	Outer_Full	13.460	14.550	PASS
N70	15	15	DFT-64QAM	L	Outer_Full	13.425	14.490	PASS
N70	15	15	DFT-256QAM	L	Outer_Full	13.446	14.580	PASS
N70	15	15	CP-QPSK	L	Outer_Full	14.134	15.270	PASS
N70	15	15	CP-16QAM	L	Outer_Full	14.137	15.240	PASS
N70	15	15	CP-64QAM	L	Outer_Full	14.152	15.180	PASS
N70	15	15	CP-256QAM	L	Outer_Full	14.147	15.240	PASS
N70	15	15	DFT-QPSK	M	Outer_Full	13.505	14.490	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	13.427	14.460	PASS
N70	15	15	DFT-16QAM	M	Outer_Full	13.459	14.550	PASS
N70	15	15	DFT-64QAM	M	Outer_Full	13.426	14.490	PASS
N70	15	15	DFT-256QAM	M	Outer_Full	13.441	14.520	PASS
N70	15	15	CP-QPSK	M	Outer_Full	14.144	15.270	PASS
N70	15	15	CP-16QAM	M	Outer_Full	14.137	15.240	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 & certificates, please contact us at telephone: (86-755)83071443, or email: [CS\\_Docscheck@sgs.com](mailto:CS_Docscheck@sgs.com)

Suzhou No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62982980 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生路1号的8号厂房南楼 邮编: 215000 t (86-512) 62982980 sgs.china@sgs.com





Report No.: SEWA2204000008RG02

Rev.: 01

Page: 15 of 52

N70	15	15	CP-64QAM	M	Outer_Full	14.153	15.210	PASS
N70	15	15	CP-256QAM	M	Outer_Full	14.148	15.210	PASS
N70	15	15	DFT-QPSK	H	Outer_Full	13.507	14.460	PASS
N70	15	15	DFT-PI2BPSK	H	Outer_Full	13.425	14.490	PASS
N70	15	15	DFT-16QAM	H	Outer_Full	13.456	14.550	PASS
N70	15	15	DFT-64QAM	H	Outer_Full	13.426	14.490	PASS
N70	15	15	DFT-256QAM	H	Outer_Full	13.445	14.580	PASS
N70	15	15	CP-QPSK	H	Outer_Full	14.134	15.270	PASS
N70	15	15	CP-16QAM	H	Outer_Full	14.135	15.240	PASS
N70	15	15	CP-64QAM	H	Outer_Full	14.154	15.150	PASS
N70	15	15	CP-256QAM	H	Outer_Full	14.146	15.270	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.

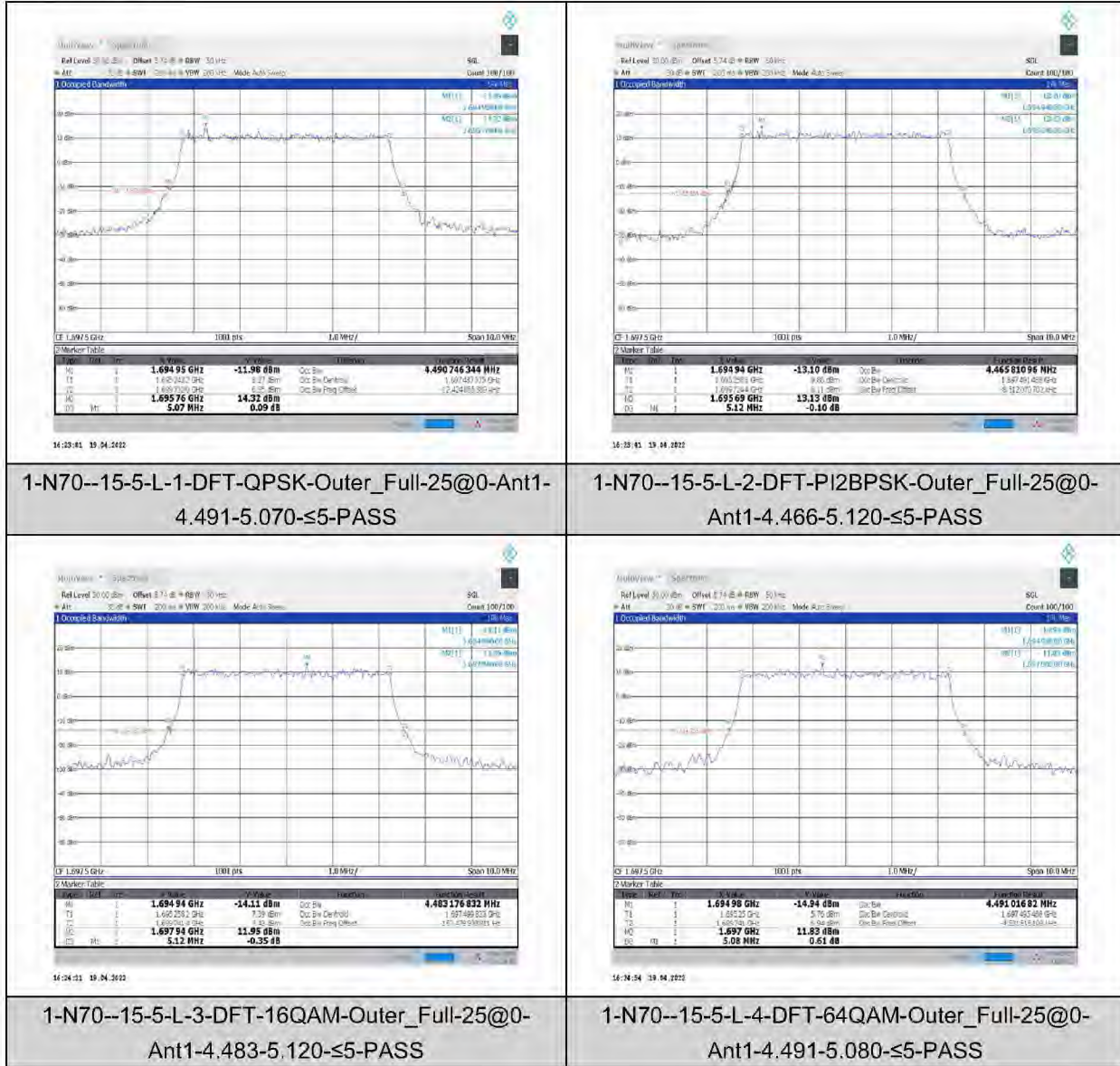
Attention: To check the authenticity of testing/inspection report & certificates, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Docscheck@sgs.com](mailto:CN.Docscheck@sgs.com)



Suzhou No. 8 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生路1号的8号厂房南楼 邮编：215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 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 & certificates, please contact us at telephone: (86-755) 83071443, or email: [CSN.Docs@hk.sgs.com](mailto:CSN.Docs@hk.sgs.com)

Suzhou: No. 8 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8号厂房南楼 邮编: 215000

Tel: (86-512) 62982980 www.sgs.com.cn  
 Tel: (86-512) 62982980 sgs.china@sgs.com





1-N70--15-5-L-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.481-5.090-<math>\leq</math>5-PASS



1-N70--15-5-L-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.478-5.110-<math>\leq</math>5-PASS



1-N70--15-5-L-7-CP-16QAM-Outer\_Full-25@0-Ant1-4.478-5.230-<math>\leq</math>5-PASS



1-N70--15-5-L-8-CP-64QAM-Outer\_Full-25@0-Ant1-4.484-5.250-<math>\leq</math>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 & certificates, please contact us at telephone: (86-755)83071443, or email: [CS@sgs.com](mailto:CS@sgs.com)

Suzhou: No. 8 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生路1号的8号厂房南楼 邮编: 215000

Tel: (86-512) 62982980 www.sgs.com.cn  
 Fax: (86-512) 62982980 sgs.china@sgs.com



1-N70--15-5-L-9-CP-256QAM-Outer\_Full-25@0-Ant1-4.494-5.200-<math>\leq</math>5-PASS



1-N70--15-5-M-1-DFT-QPSK-Outer\_Full-25@0-Ant1-4.487-5.030-<math>\leq</math>5-PASS



1-N70--15-5-M-2-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-4.468-5.120-<math>\leq</math>5-PASS



1-N70--15-5-M-3-DFT-16QAM-Outer\_Full-25@0-Ant1-4.478-5.050-<math>\leq</math>5-PASS



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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CS@cs.cstc.com](mailto:CS@cs.cstc.com)

Suzhou: No. 8 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湖东路1号的8号厂房南楼 邮编: 215000

Tel: (86-512) 62982980 www.sgs.com.cn  
 (86-512) 62982980 sgs.china@sgs.com





1-N70--15-5-M-4-DFT-64QAM-Outer\_Full-25@0-  
Ant1-4.484-5.120-<5-PASS



1-N70--15-5-M-5-DFT-256QAM-Outer\_Full-25@0-  
Ant1-4.481-5.140-<5-PASS



1-N70--15-5-M-6-CP-QPSK-Outer\_Full-25@0-Ant1-  
4.471-5.100-<5-PASS



1-N70--15-5-M-7-CP-16QAM-Outer\_Full-25@0-  
Ant1-4.489-5.220-<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 & certificates, please contact us at telephone: (86-755) 83071443, or email: [CS@cs.cstc.com](mailto:CS@cs.cstc.com)

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area China (Jiangsu) Pilot Free Trade Zone 215000  
 t (86-512) 62982980 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湖东路1号的8号厂房南楼 邮编: 215000  
 t (86-512) 62982980 sgs.china@sgs.com



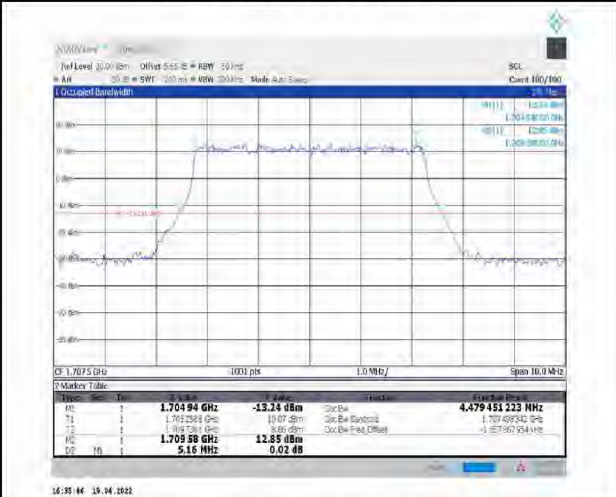
1-N70--15-5-M-8-CP-64QAM-Outer\_Full-25@0-Ant1-4.493-5.350-<math>\leq</math>5-PASS



1-N70--15-5-M-9-CP-256QAM-Outer\_Full-25@0-Ant1-4.492-5.160-<math>\leq</math>5-PASS



1-N70--15-5-H-1-DFT-QPSK-Outer\_Full-25@0-Ant1-4.476-4.980-<math>\leq</math>5-PASS



1-N70--15-5-H-2-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-4.479-5.160-<math>\leq</math>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 & certificates, please contact us at telephone: (86-755) 8307 1443, or email: [CS@cs.cstc.com](mailto:CS@cs.cstc.com)

Suzhou • China • (江苏) 苏州工业园区金鸡湖大道199号1901室 邮编: 215000  
 t (86-512) 62982980 www.sgs.com.cn  
 中国 • 苏州 • 中国 (江苏) 苏州工业园区金鸡湖大道199号1901室 邮编: 215000  
 t (86-512) 62982980 sgs.china@sgs.com

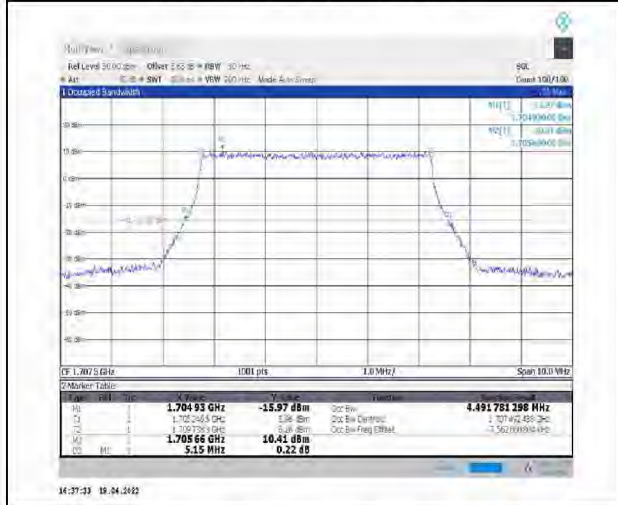




1-N70--15-5-H-3-DFT-16QAM-Outer\_Full-25@0-Ant1-4.475-5.050-<5-PASS



1-N70--15-5-H-4-DFT-64QAM-Outer\_Full-25@0-Ant1-4.479-5.110-<5-PASS



1-N70--15-5-H-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.492-5.150-<5-PASS



1-N70--15-5-H-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.489-5.170-<5-PASS



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

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

South of No. 8 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生路1号的8号厂房南楼 邮编：215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



1-N70--15-5-H-7-CP-16QAM-Outer\_Full-25@0-Ant1-4.487-5.140-<math>\leq 5</math>-PASS



1-N70--15-5-H-8-CP-64QAM-Outer\_Full-25@0-Ant1-4.485-5.230-<math>\leq 5</math>-PASS



1-N70--15-5-H-9-CP-256QAM-Outer\_Full-25@0-Ant1-4.492-5.170-<math>\leq 5</math>-PASS



1-N70--15-10-L-1-DFT-QPSK-Outer\_Full-50@0-Ant1-8.952-9.720-<math>\leq 10</math>-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-and-Conditions.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: [CS@cs.cstc.com](mailto:CS@cs.cstc.com)

South of No. 8 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盛路1号的8号厂房南楼 邮编：215000  
 t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com

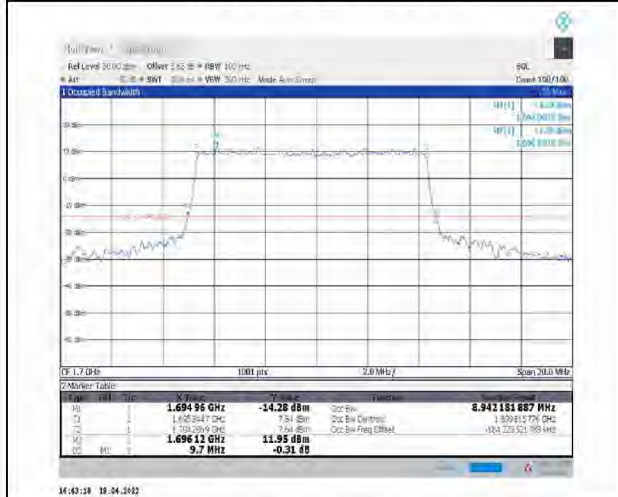




1-N70--15-10-L-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-8.937-9.820-<math>\leq 10</math>-PASS



1-N70--15-10-L-3-DFT-16QAM-Outer\_Full-50@0-Ant1-8.95-9.700-<math>\leq 10</math>-PASS



1-N70--15-10-L-4-DFT-64QAM-Outer\_Full-50@0-Ant1-8.942-9.700-<math>\leq 10</math>-PASS



1-N70--15-10-L-5-DFT-256QAM-Outer\_Full-50@0-Ant1-8.942-9.640-<math>\leq 10</math>-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 & certificates, please contact us at telephone: (86-755) 8307 1443, or email: [CS@cs.cstc.com](mailto:CS@cs.cstc.com)

South of No. 8 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湖东路1号的8号厂房南楼 邮编：215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



1-N70--15-10-L-6-CP-QPSK-Outer\_Full-52@0-Ant1-9.331-10.400-<=10-PASS



1-N70--15-10-L-7-CP-16QAM-Outer\_Full-52@0-Ant1-9.304-10.180-<=10-PASS



1-N70--15-10-L-8-CP-64QAM-Outer\_Full-52@0-Ant1-9.312-10.300-<=10-PASS



1-N70--15-10-L-9-CP-256QAM-Outer\_Full-52@0-Ant1-9.298-10.140-<=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.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: [CS@cs.cstc.com](mailto:CS@cs.cstc.com)

South of No. 8 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生路1号的8号厂房南楼 邮编: 215000

+ (86-512) 62982980 www.sgs.com.cn  
 + (86-512) 62982980 sgs.china@sgs.com

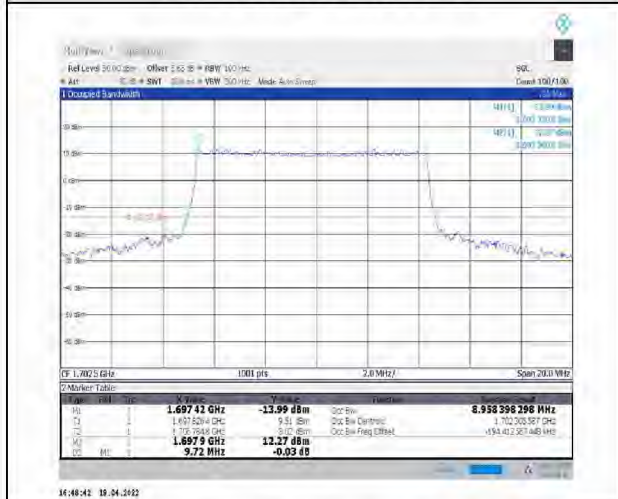




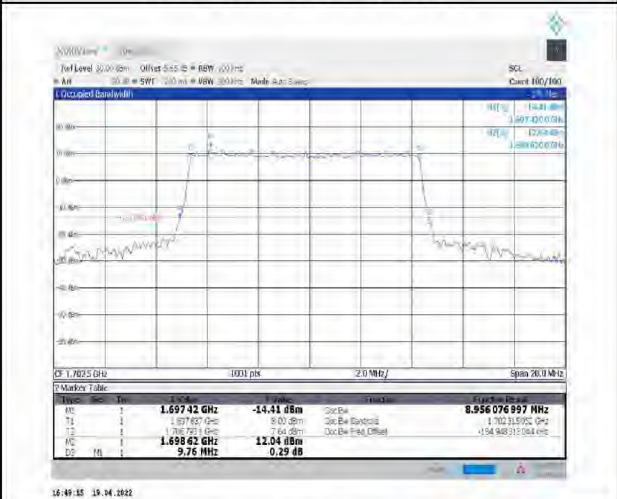
1-N70--15-10-M-1-DFT-QPSK-Outer\_Full-50@0-Ant1-8.955-9.700-<math>\leq 10</math>-PASS



1-N70--15-10-M-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-8.933-9.780-<math>\leq 10</math>-PASS



1-N70--15-10-M-3-DFT-16QAM-Outer\_Full-50@0-Ant1-8.958-9.720-<math>\leq 10</math>-PASS



1-N70--15-10-M-4-DFT-64QAM-Outer\_Full-50@0-Ant1-8.956-9.760-<math>\leq 10</math>-PASS



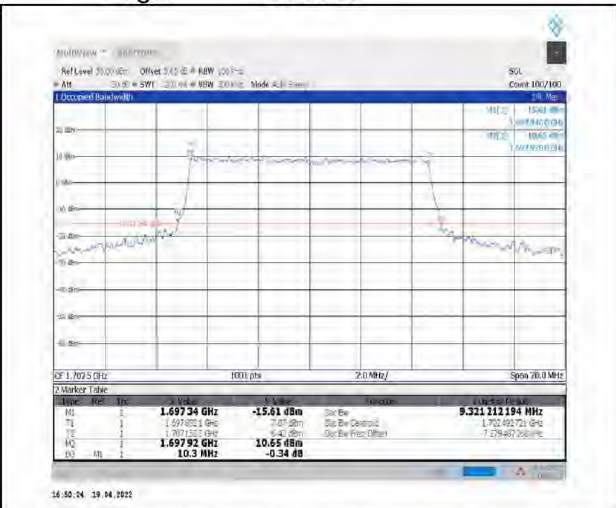
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

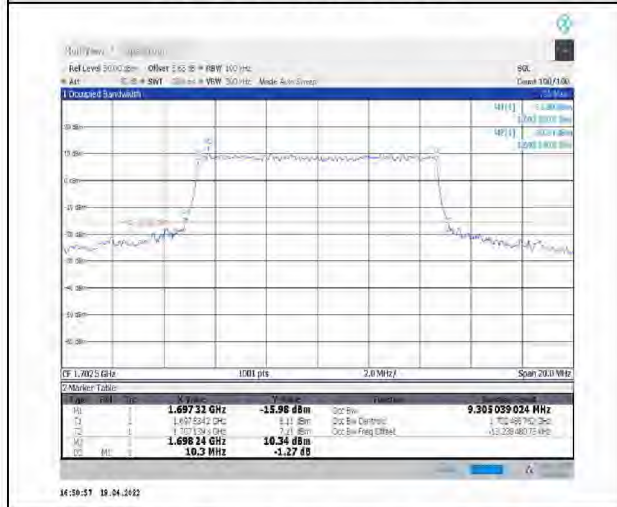
South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润生路1号的8号厂房南楼 邮编：215000  
 t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



1-N70--15-10-M-5-DFT-256QAM-Outer\_Full-50@0-Ant1-8.96-9.800-<=10-PASS



1-N70--15-10-M-6-CP-QPSK-Outer\_Full-52@0-Ant1-9.321-10.300-<=10-PASS



1-N70--15-10-M-7-CP-16QAM-Outer\_Full-52@0-Ant1-9.305-10.300-<=10-PASS



1-N70--15-10-M-8-CP-64QAM-Outer\_Full-52@0-Ant1-9.32-10.380-<=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: [CSN.China@sgs.com](mailto:CSN.China@sgs.com)

South of No. 8 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湖东路1号的8号厂房南楼 邮编：215000

† (86-512) 62982980 www.sgs.com.cn  
 † (86-512) 62982980 sgs.china@sgs.com





1-N70--15-10-M-9-CP-256QAM-Outer\_Full-52@0-Ant1-9.303-10.180-<=10-PASS



1-N70--15-10-H-1-DFT-QPSK-Outer\_Full-50@0-Ant1-8.958-9.720-<=10-PASS



1-N70--15-10-H-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-8.952-9.920-<=10-PASS



1-N70--15-10-H-3-DFT-16QAM-Outer\_Full-50@0-Ant1-8.959-9.640-<=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: [CS.CHECK@sgs.com](mailto:CS.CHECK@sgs.com)

South of No. 8 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生路1号的8号厂房南楼 邮编：215000  
 t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



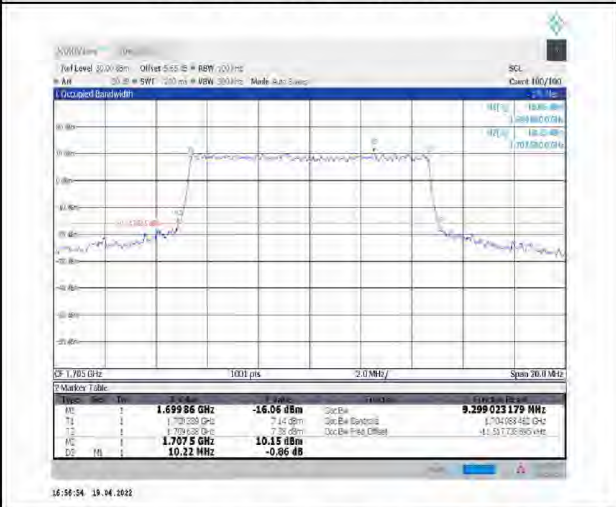
1-N70--15-10-H-4-DFT-64QAM-Outer\_Full-50@0-Ant1-8.946-9.760-<=10-PASS



1-N70--15-10-H-5-DFT-256QAM-Outer\_Full-50@0-Ant1-8.946-9.680-<=10-PASS



1-N70--15-10-H-6-CP-QPSK-Outer\_Full-52@0-Ant1-9.319-10.260-<=10-PASS



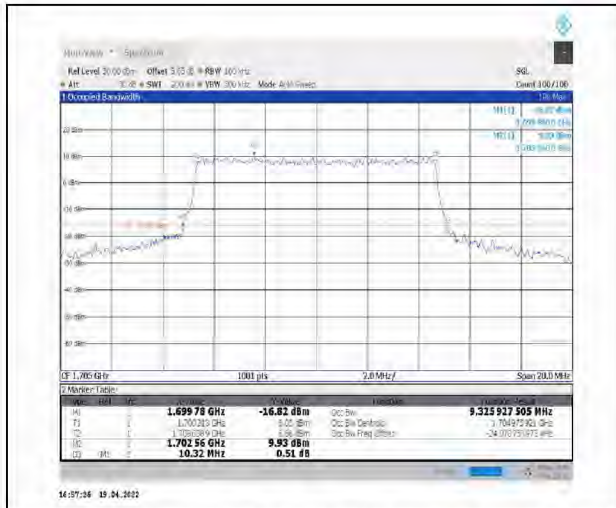
1-N70--15-10-H-7-CP-16QAM-Outer\_Full-52@0-Ant1-9.299-10.220-<=10-PASS



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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CS.CHECK@sgs.com](mailto:CS.CHECK@sgs.com)  
 South of No. 8 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生路1号的8号厂房南楼 邮编：215000  
 t (86-512) 62982980 www.sgs.com.cn  
 sgs.china@sgs.com

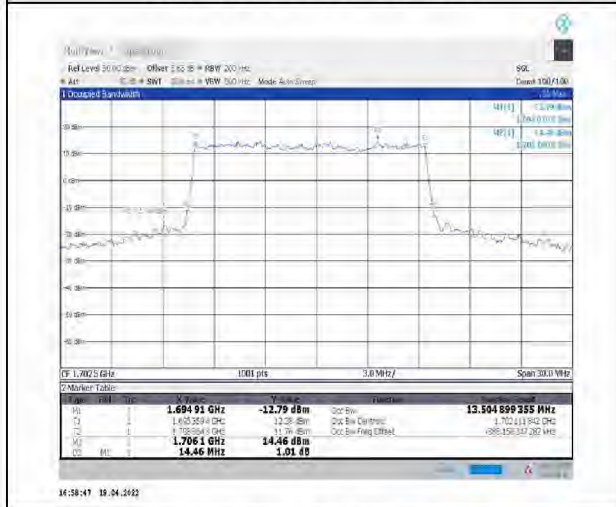




1-N70--15-10-H-8-CP-64QAM-Outer\_Full-52@0-  
Ant1-9.326-10.320-≤10-PASS



1-N70--15-10-H-9-CP-256QAM-Outer\_Full-52@0-  
Ant1-9.315-10.220-≤10-PASS



1-N70--15-15-L-1-DFT-QPSK-Outer\_Full-75@0-  
Ant1-13.505-14.460-≤15-PASS



1-N70--15-15-L-2-DFT-PI2BPSK-Outer\_Full-75@0-  
Ant1-13.425-14.490-≤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-and-Conditions.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 & certificates, please contact us at telephone: (86-755) 8307 1443, or email: [CS.CSTC.HK@sgs.com](mailto:CS.CSTC.HK@sgs.com)

South of No. 8 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生路1号的8号厂房南楼 邮编：215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



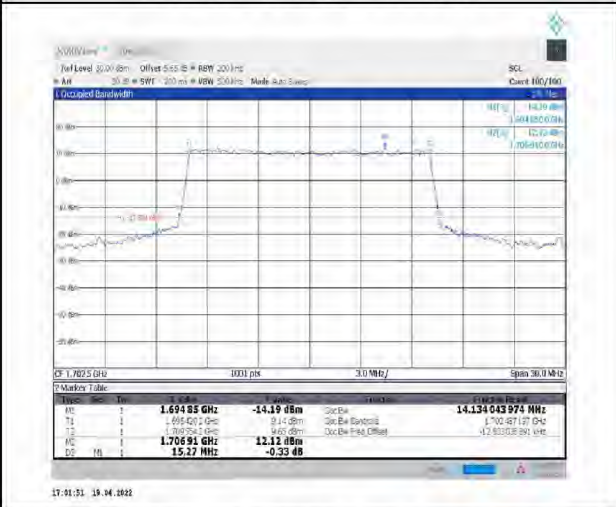
1-N70--15-15-L-3-DFT-16QAM-Outer\_Full-75@0-Ant1-13.46-14.550-≤15-PASS



1-N70--15-15-L-4-DFT-64QAM-Outer\_Full-75@0-Ant1-13.425-14.490-≤15-PASS



1-N70--15-15-L-5-DFT-256QAM-Outer\_Full-75@0-Ant1-13.446-14.580-≤15-PASS



1-N70--15-15-L-6-CP-QPSK-Outer\_Full-79@0-Ant1-14.134-15.270-≤15-PASS

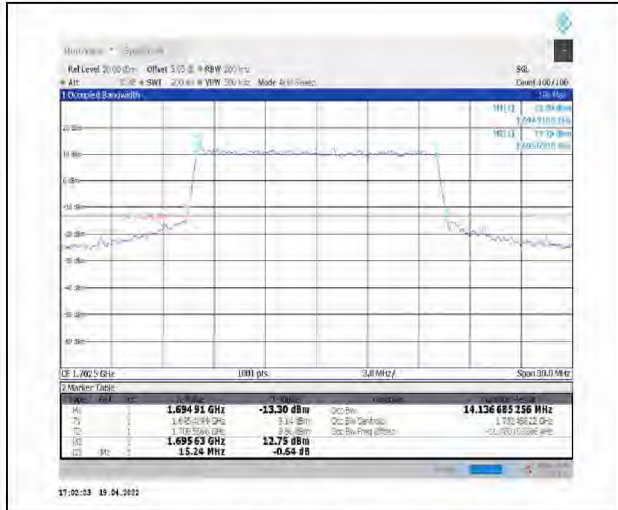


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CS@cs.cstc.com](mailto:CS@cs.cstc.com)

South of No. 8 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湖东路1号的8号厂房南楼 邮编：215000  
 t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com

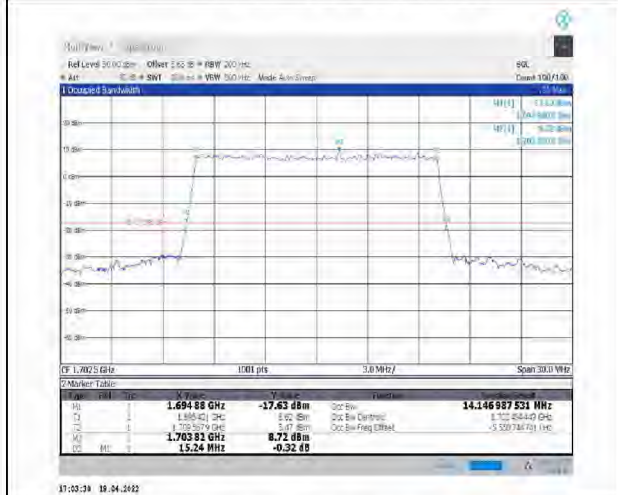




1-N70--15-15-L-7-CP-16QAM-Outer\_Full-79@0-Ant1-14.137-15.240-<=15-PASS



1-N70--15-15-L-8-CP-64QAM-Outer\_Full-79@0-Ant1-14.152-15.180-<=15-PASS



1-N70--15-15-L-9-CP-256QAM-Outer\_Full-79@0-Ant1-14.147-15.240-<=15-PASS



1-N70--15-15-M-1-DFT-QPSK-Outer\_Full-75@0-Ant1-13.505-14.490-<=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 & certificates, please contact us at telephone: (86-755) 83071443, or email: [CS@cs.cstc.com](mailto:CS@cs.cstc.com)

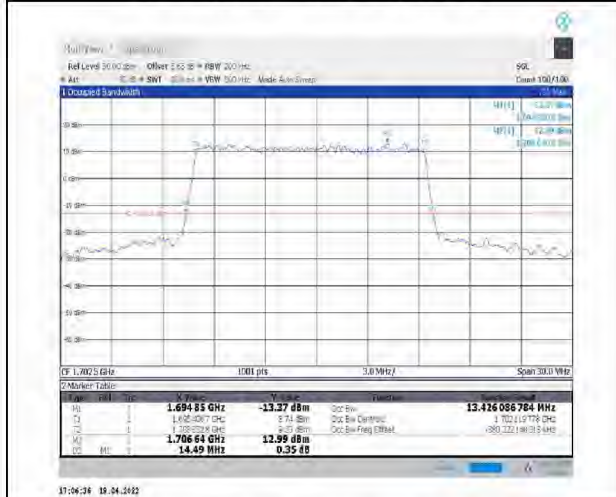
South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润盛路1号的8号厂房南楼 邮编：215000  
 t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



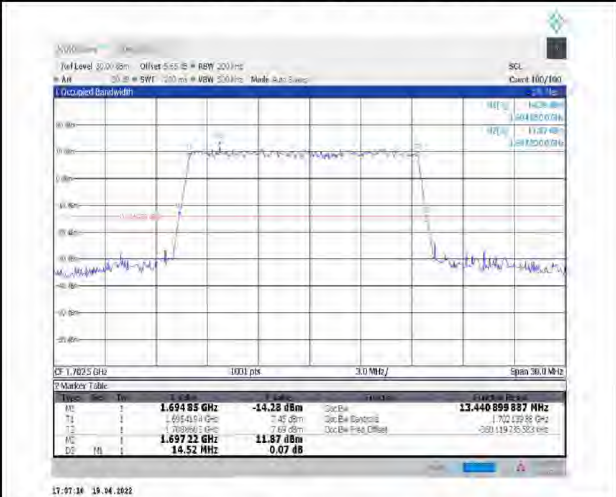
1-N70--15-15-M-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-13.427-14.460-<=15-PASS



1-N70--15-15-M-3-DFT-16QAM-Outer\_Full-75@0-Ant1-13.459-14.550-<=15-PASS



1-N70--15-15-M-4-DFT-64QAM-Outer\_Full-75@0-Ant1-13.426-14.490-<=15-PASS



1-N70--15-15-M-5-DFT-256QAM-Outer\_Full-75@0-Ant1-13.441-14.520-<=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) 8307 1443, or email: [CS@china.sgs.com](mailto:CS@china.sgs.com)

Suzhou: No. 8 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盛路1号的8号厂房南楼 邮编: 215000

Tel: (86-512) 62982980 www.sgs.com.cn  
 Fax: (86-512) 62982980 sgs.china@sgs.com





1-N70--15-15-M-6-CP-QPSK-Outer\_Full-79@0-Ant1-14.144-15.270-≤15-PASS



1-N70--15-15-M-7-CP-16QAM-Outer\_Full-79@0-Ant1-14.137-15.240-≤15-PASS



1-N70--15-15-M-8-CP-64QAM-Outer\_Full-79@0-Ant1-14.153-15.210-≤15-PASS



1-N70--15-15-M-9-CP-256QAM-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) 8307 1443, or email: [CS.CS@sgs.com](mailto:CS.CS@sgs.com)

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 t (86-512) 62982980 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8号厂房南楼 邮编: 215000  
 t (86-512) 62982980 sgs.china@sgs.com



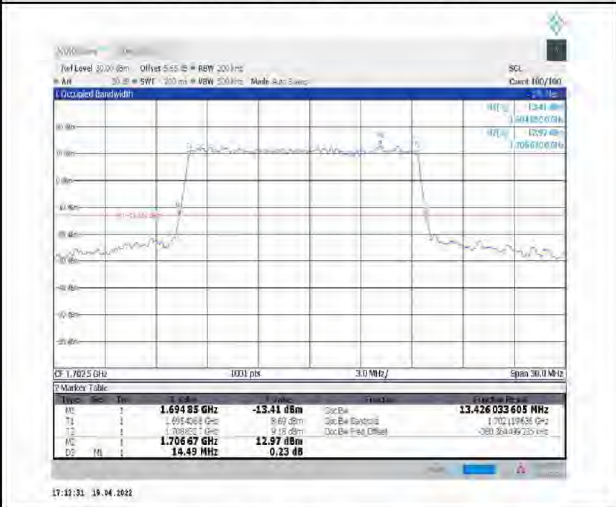
1-N70--15-15-H-1-DFT-QPSK-Outer\_Full-75@0-Ant1-13.507-14.460-<=15-PASS



1-N70--15-15-H-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-13.425-14.490-<=15-PASS



1-N70--15-15-H-3-DFT-16QAM-Outer\_Full-75@0-Ant1-13.456-14.550-<=15-PASS



1-N70--15-15-H-4-DFT-64QAM-Outer\_Full-75@0-Ant1-13.426-14.490-<=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 & certificates, please contact us at telephone: (86-755) 8307 1443, or email: [CS@china.sgs.com](mailto:CS@china.sgs.com)

South of No. 8 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生路1号的8号厂房南楼 邮编: 215000

† (86-512) 62982980 www.sgs.com.cn  
 † (86-512) 62982980 sgs.china@sgs.com





1-N70--15-15-H-5-DFT-256QAM-Outer\_Full-75@0-Ant1-13.445-14.580-<=15-PASS



1-N70--15-15-H-6-CP-QPSK-Outer\_Full-79@0-Ant1-14.134-15.270-<=15-PASS



1-N70--15-15-H-7-CP-16QAM-Outer\_Full-79@0-Ant1-14.135-15.240-<=15-PASS



1-N70--15-15-H-8-CP-64QAM-Outer\_Full-79@0-Ant1-14.154-15.150-<=15-PASS

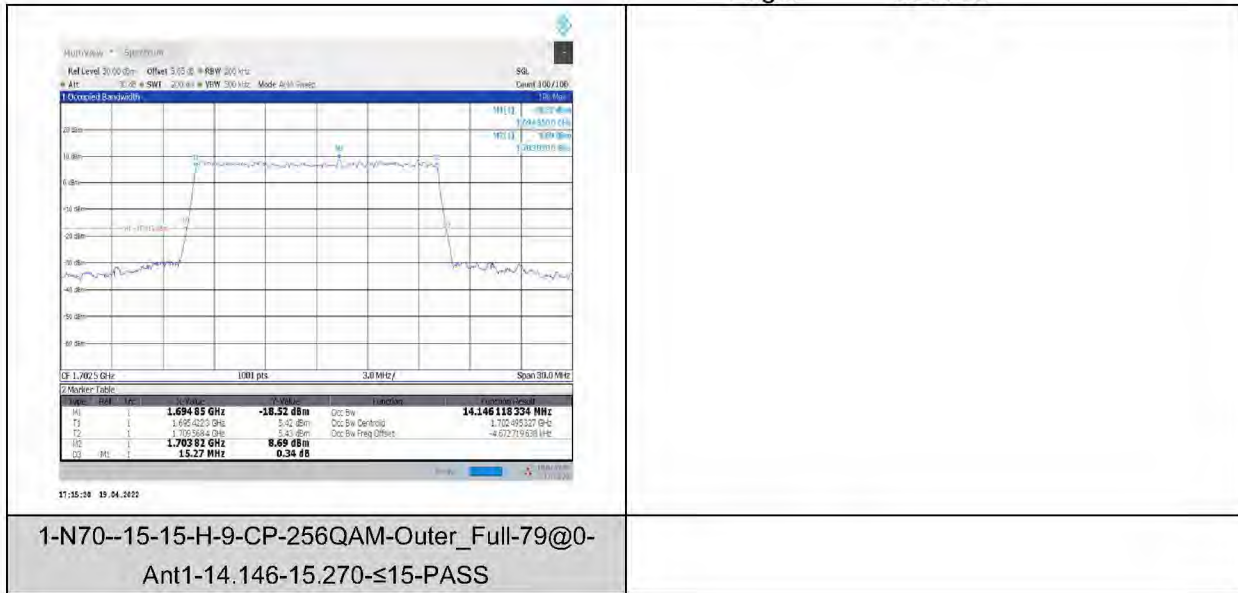


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 & certificates, please contact us at telephone: (86-755) 83071443, or email: [CS@china.sgs.com](mailto:CS@china.sgs.com)

South of No. 8 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盛路1号的8号厂房南楼 邮编：215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



1-N70--15-15-H-9-CP-256QAM-Outer\_Full-79@0-  
Ant1-14.146-15.270-<15-PASS



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

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

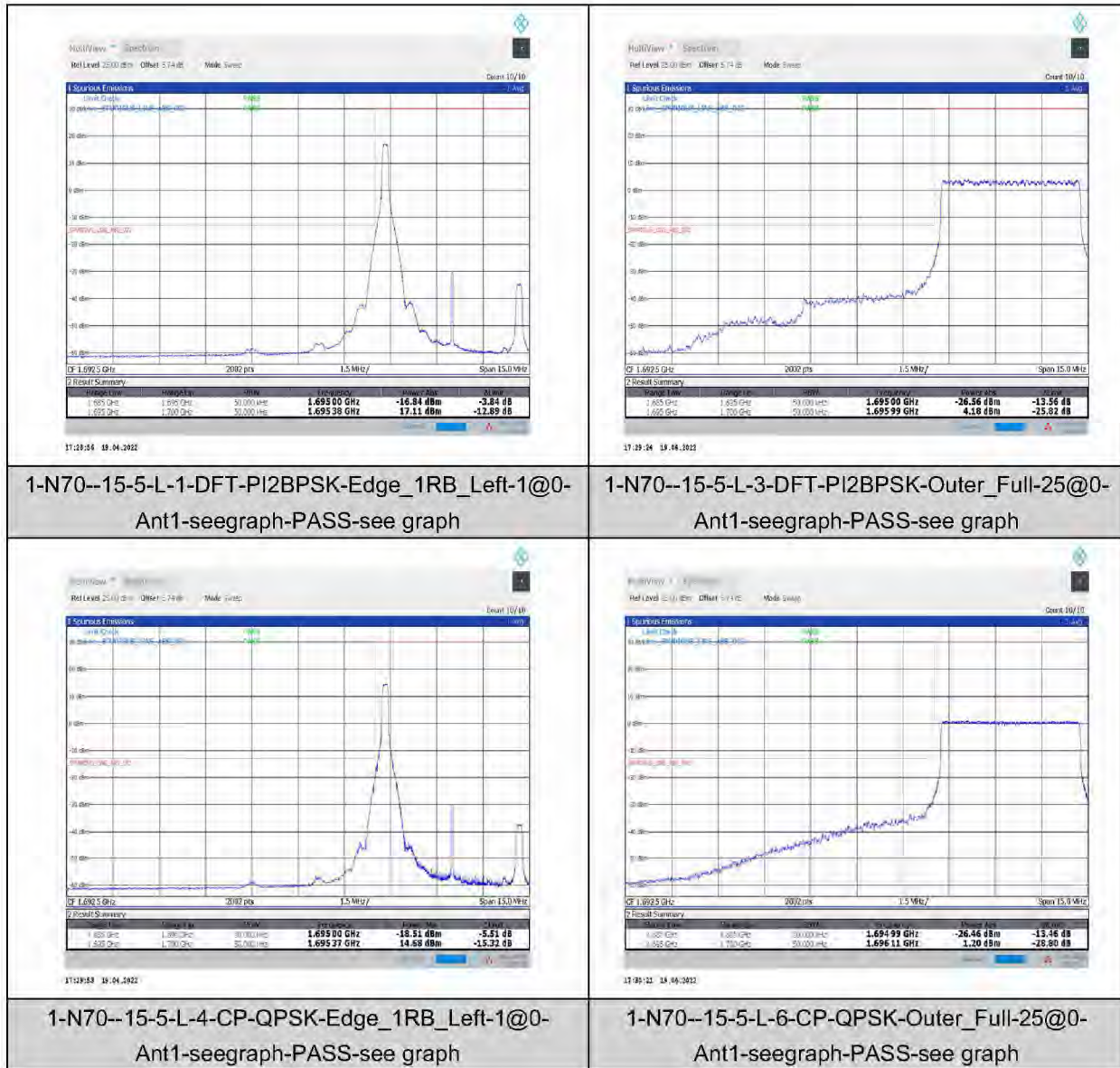
South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润盛路1号的8号厂房南楼 邮编：215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



## Band Edge for SA

### Test Graphs



1-N70--15-5-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-seegraph-PASS-see graph

1-N70--15-5-L-3-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-seegraph-PASS-see graph

1-N70--15-5-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-seegraph-PASS-see graph

1-N70--15-5-L-6-CP-QPSK-Outer\_Full-25@0-Ant1-seegraph-PASS-see graph

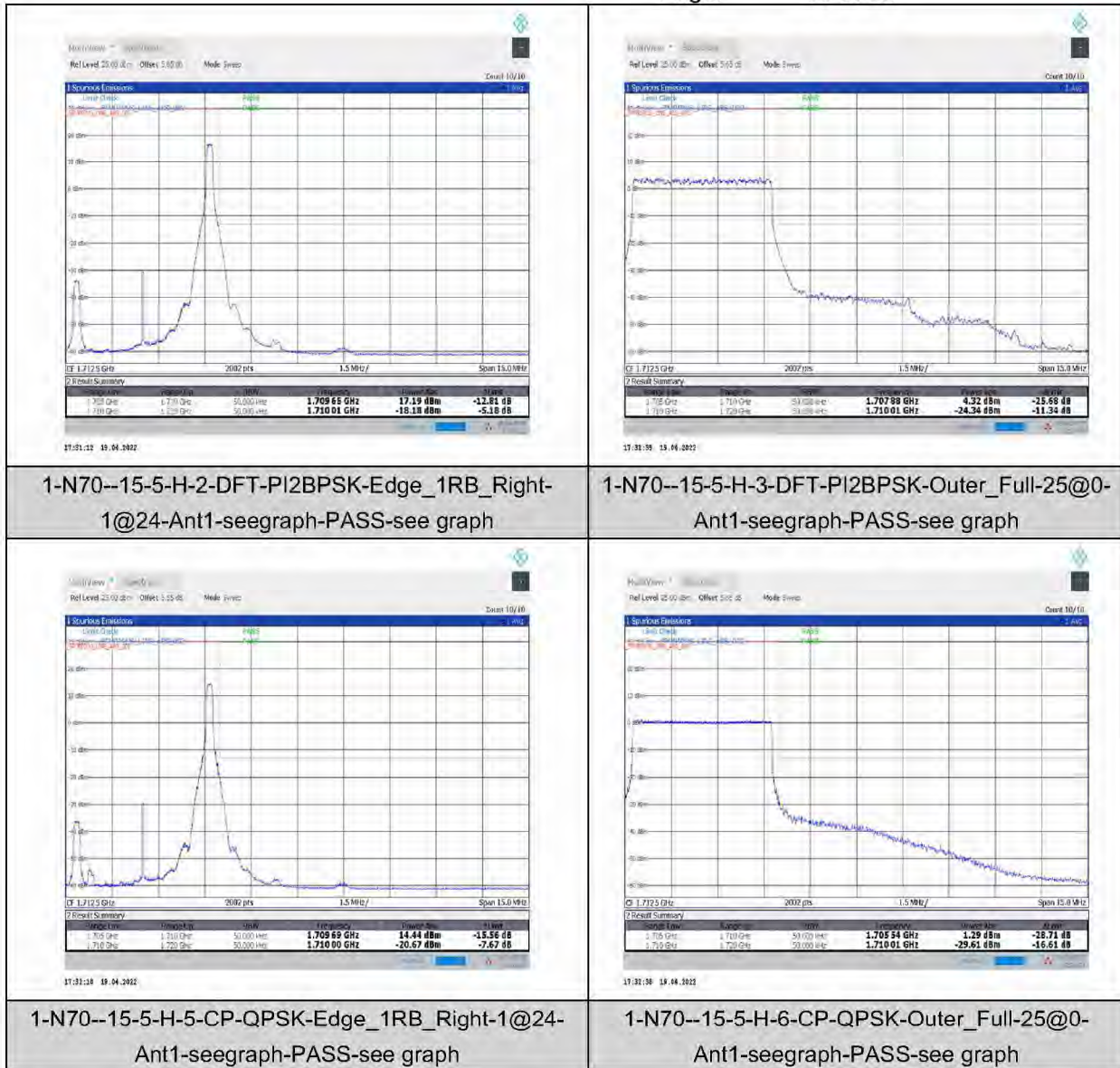


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 & certificates, please contact us at telephone: (86-755) 8307 1443, or email: [CS.Casecheck@sgs.com](mailto:CS.Casecheck@sgs.com)

South of No. 8 Plant, No. 1, Ransheng 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湖东路1号的8号厂房南楼 邮编：215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com

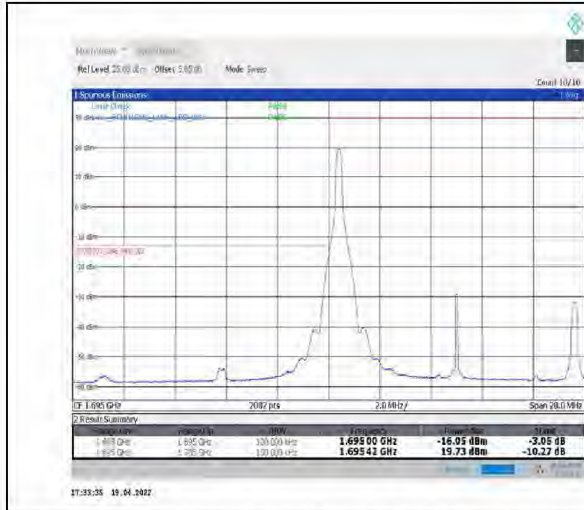


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CS@cs-test.com](mailto:CS@cs-test.com)

Suzhou • China • (江苏) 自由贸易试验区苏州工业园区湖东1号6号厂房南楼 邮编: 215000  
 t (86-512) 62982980 www.sgs.com.cn  
 中国 • 苏州 • 中国 (江苏) 自由贸易试验区苏州工业园区湖东1号6号厂房南楼 邮编: 215000  
 t (86-512) 62982980 sgs.china@sgs.com





1-N70--15-10-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-seegraph-PASS-see graph



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



1-N70--15-10-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-seegraph-PASS-see graph



1-N70--15-10-L-6-CP-QPSK-Outer\_Full-52@0-Ant1-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) 8307 1443, or email: [CS@cs-test.com](mailto:CS@cs-test.com)

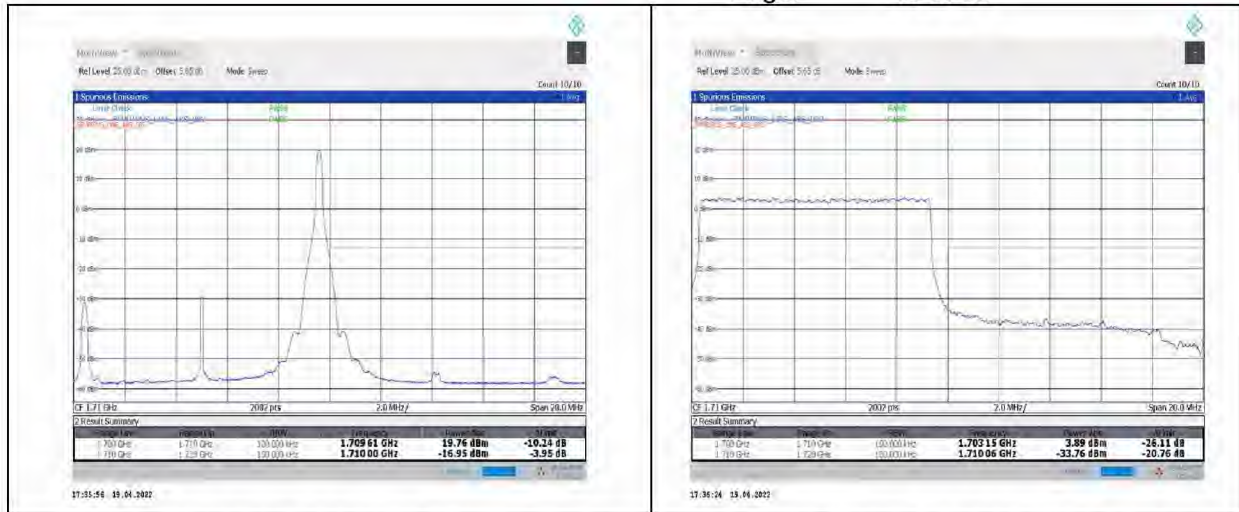
Suzhou • China • (江苏) 自由贸易试验区苏州片区苏州工业园区湖东路1号的6号厂房南楼 邮编: 215000  
 t (86-512) 62982980 www.sgs.com.cn  
 中国 • 苏州 • 中国 (江苏) 自由贸易试验区苏州片区苏州工业园区湖东路1号的6号厂房南楼 邮编: 215000  
 t (86-512) 62982980 sgs.china@sgs.com



Report No.: SEWA2204000008RG02

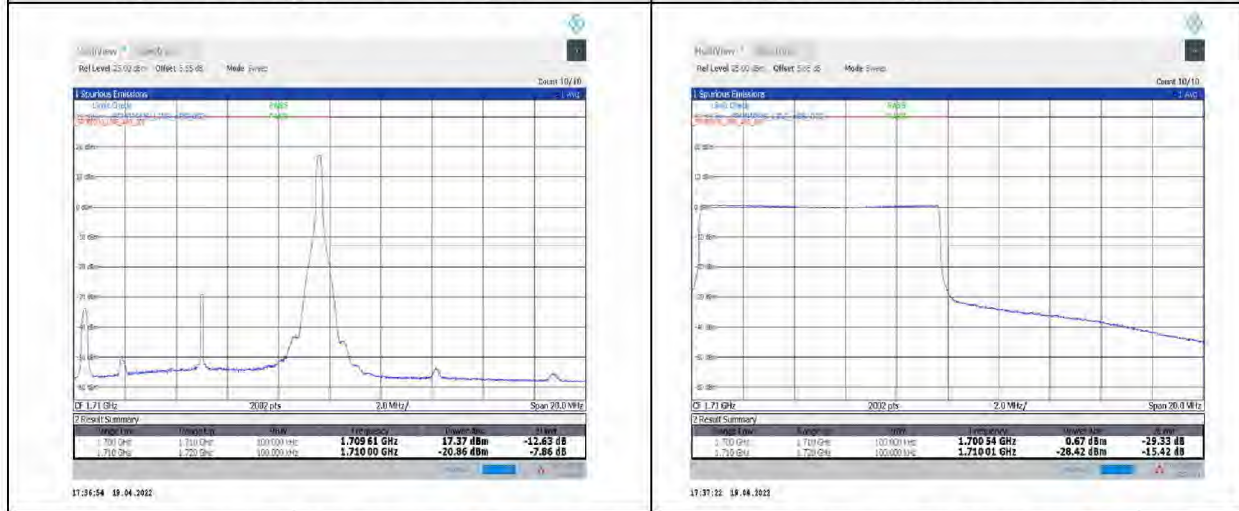
Rev.: 01

Page: 40 of 52



1-N70--15-10-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@51-Ant1-seegraph-PASS-see graph

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



1-N70--15-10-H-5-CP-QPSK-Edge\_1RB\_Right-1@51-Ant1-seegraph-PASS-see graph

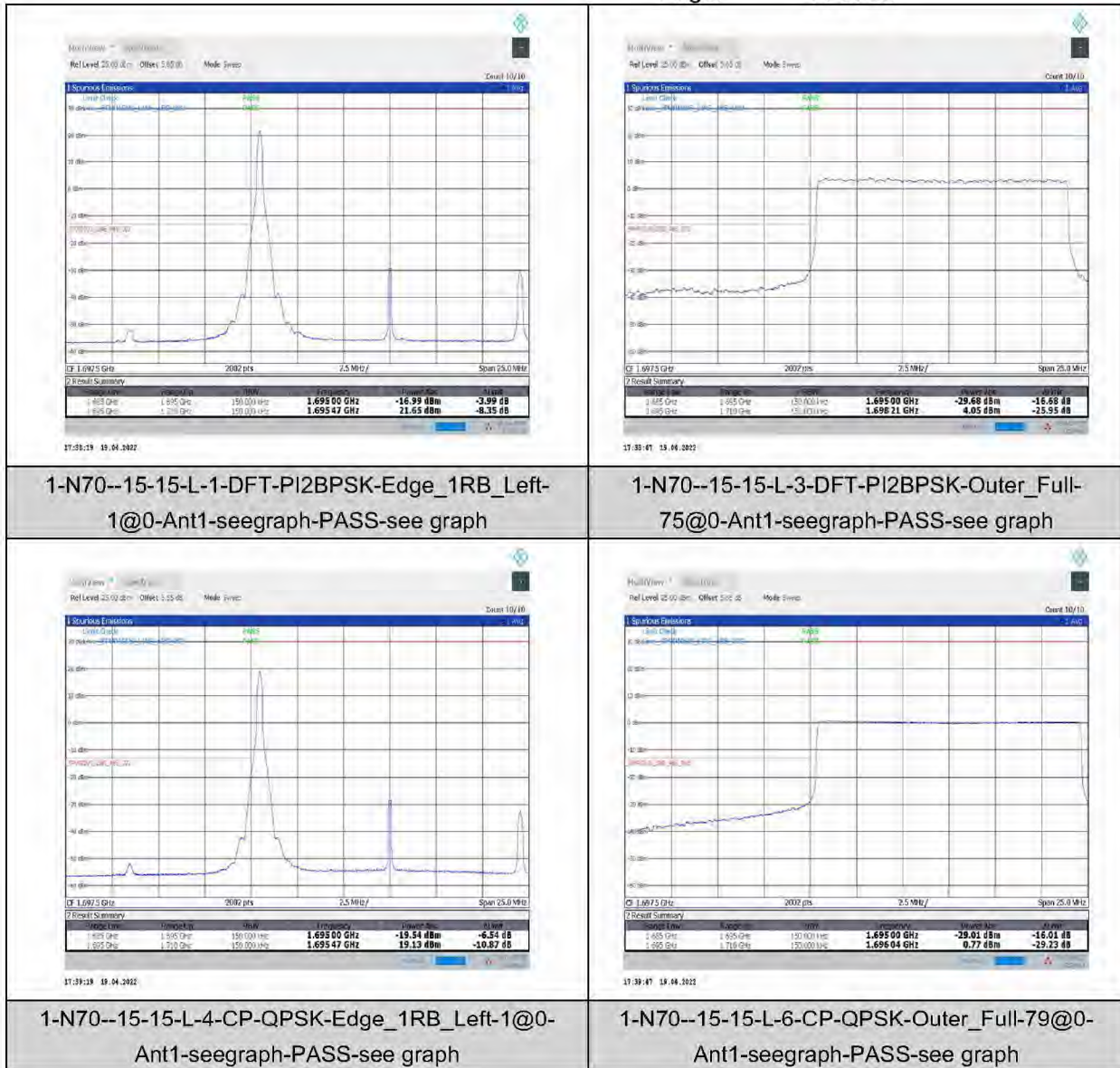
1-N70--15-10-H-6-CP-QPSK-Outer\_Full-52@0-Ant1-seegraph-PASS-see graph



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) 8307 1443, or email: [CS@cs-test.com](mailto:CS@cs-test.com)  
 South of No. 8 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盛路1号的8号厂房南楼 邮编: 215000  
 t (86-512) 62982980 www.sgs.com.cn  
 f (86-512) 62982980 sgs.china@sgs.com

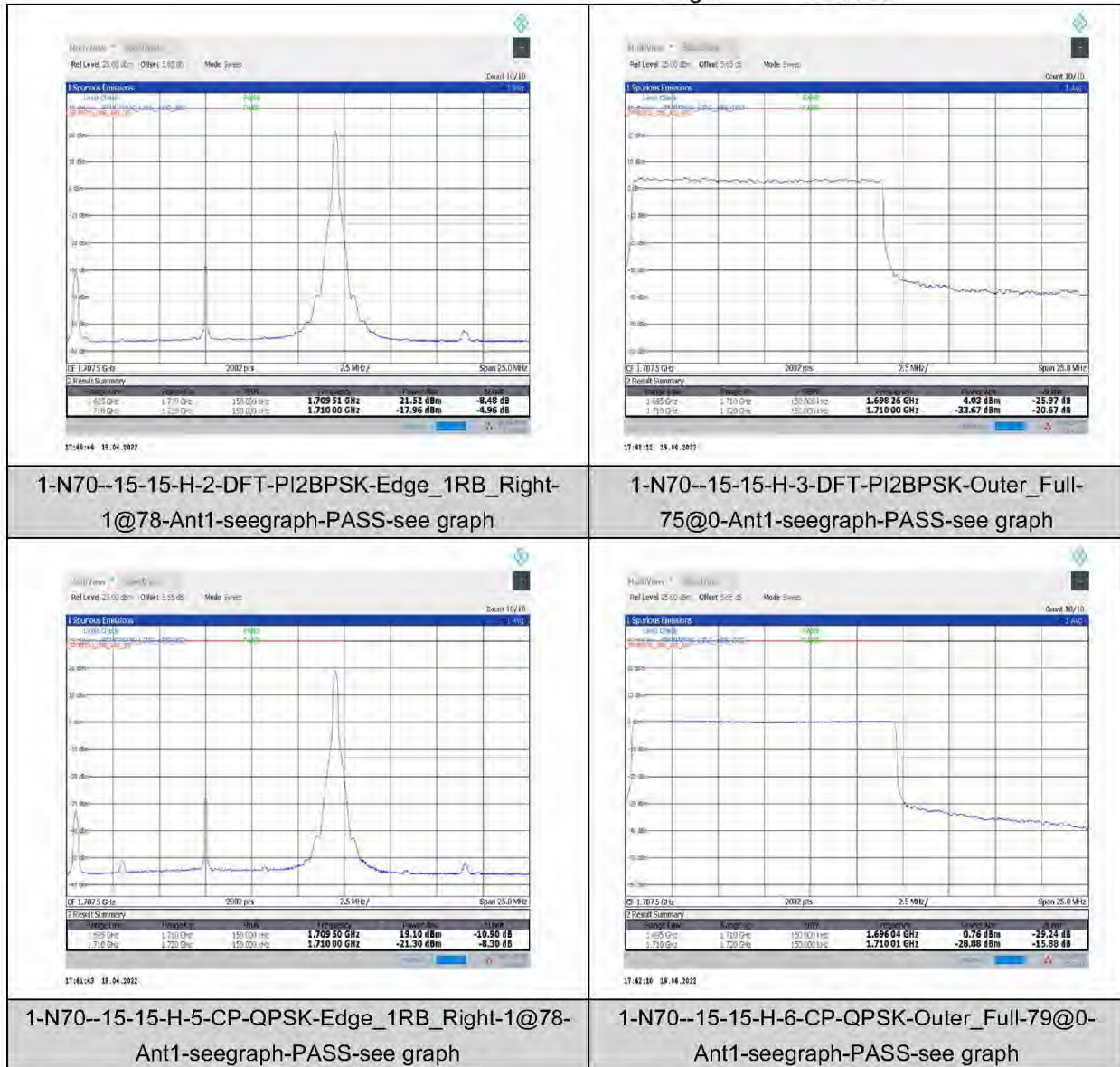




Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CS\\_Service@sgs.com](mailto:CS_Service@sgs.com)

South of No. 8 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生路1号的8号厂房南楼 邮编: 215000  
 t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



1-N70--15-15-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@78-Ant1-seegraph-PASS-see graph

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

1-N70--15-15-H-5-CP-QPSK-Edge\_1RB\_Right-1@78-Ant1-seegraph-PASS-see graph

1-N70--15-15-H-6-CP-QPSK-Outer\_Full-79@0-Ant1-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) 8307 1443, or email: [CS@cs-test.com](mailto:CS@cs-test.com)

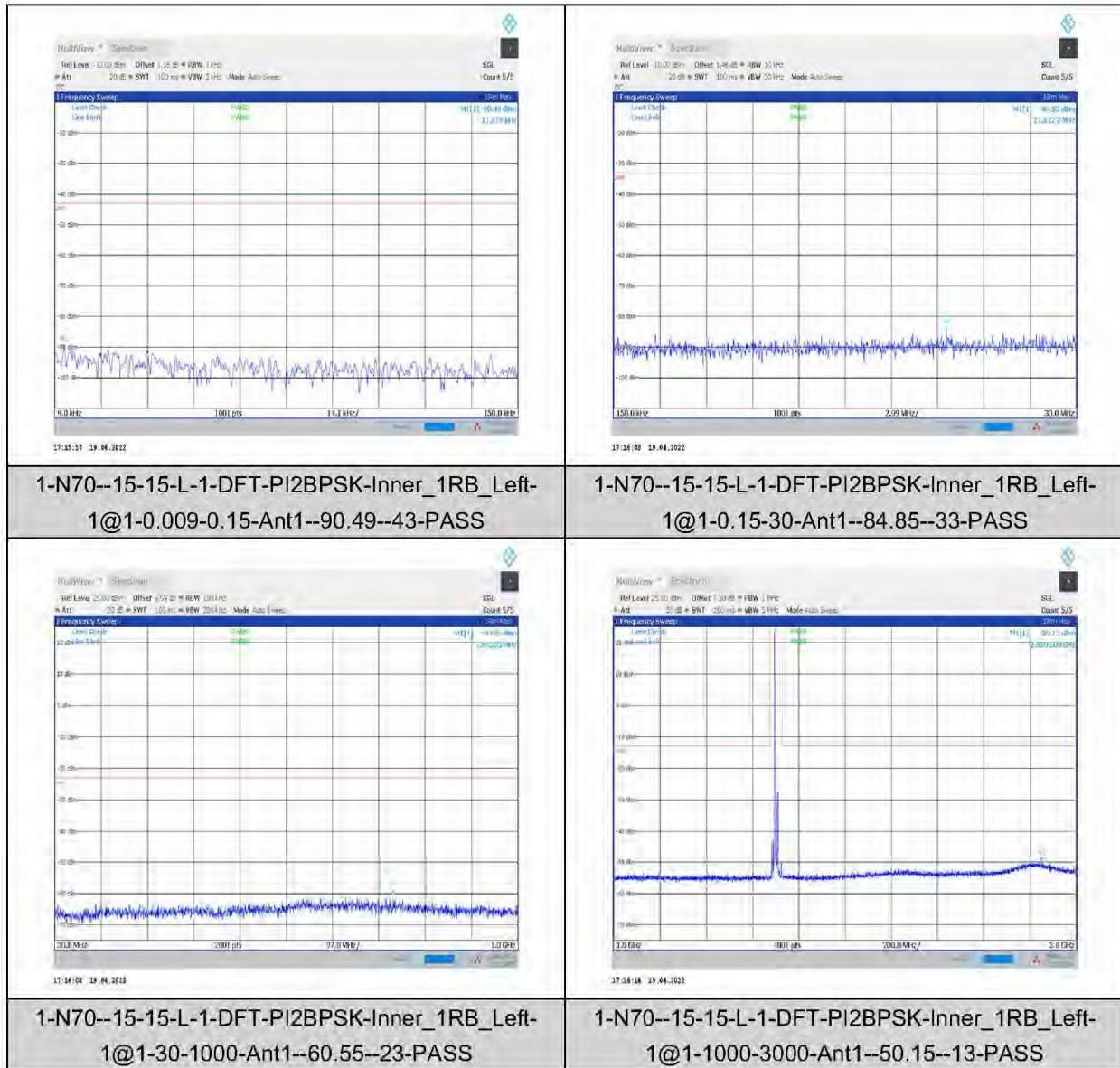
South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区湖东路1号的8号厂房南楼 邮编: 215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



## Conducted Spurious Emission for SA

### Test Graphs

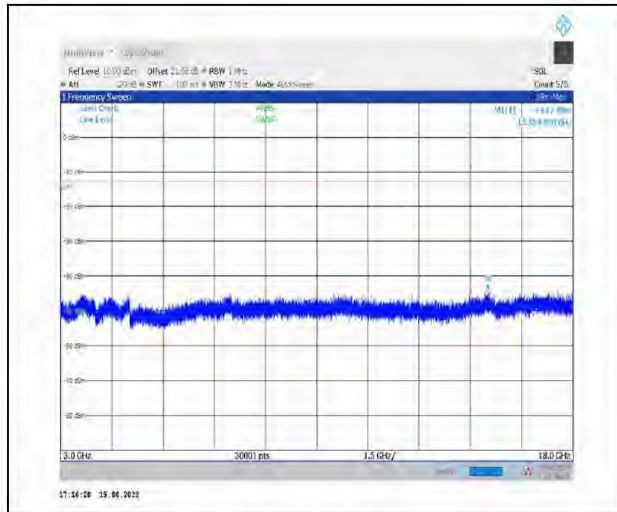


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

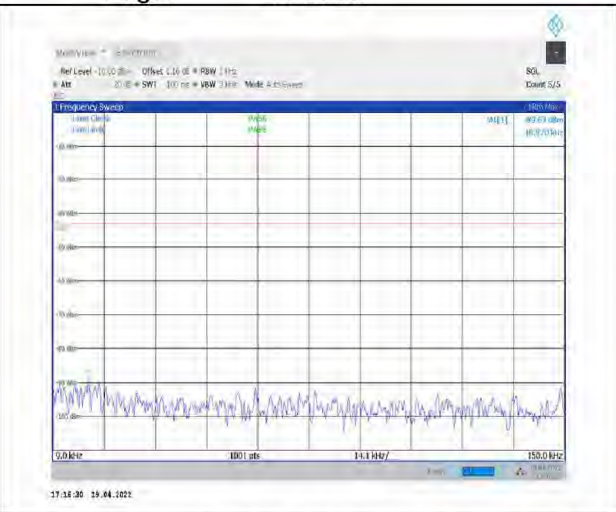
Attention: To check the authenticity of testing/inspection report & certificates, please contact us at telephone: (86-755) 8307 1443, or email: [CS@cschinese.com](mailto:CS@cschinese.com)

Suzhou No. 8 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湖东路1号的8号厂房南楼 邮编：215000

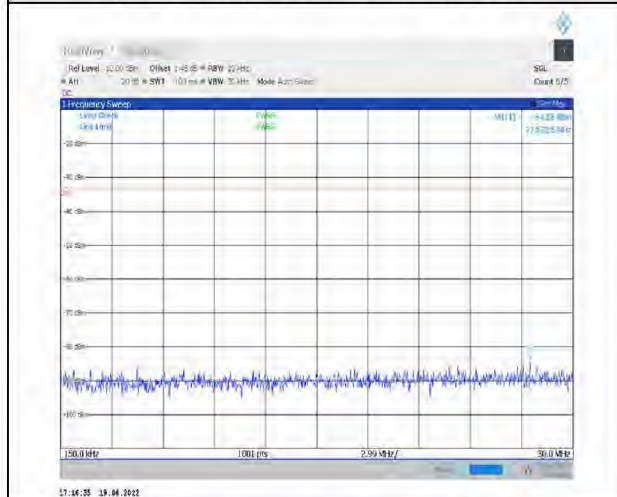
t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



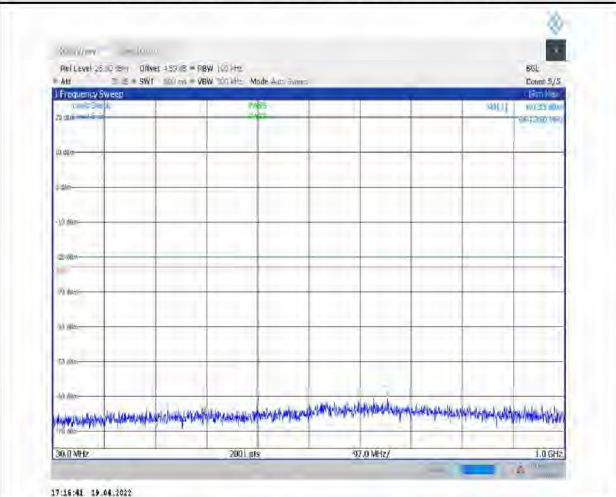
1-N70--15-15-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-3000-18000-Ant1--44.17--13-PASS



1-N70--15-15-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.009-0.15-Ant1--89.67--43-PASS



1-N70--15-15-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-Ant1--84.23--33-PASS



1-N70--15-15-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-30-1000-Ant1--60.33--23-PASS



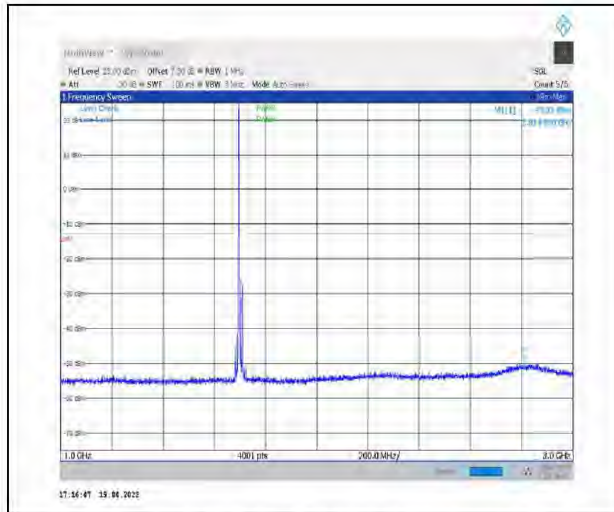
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

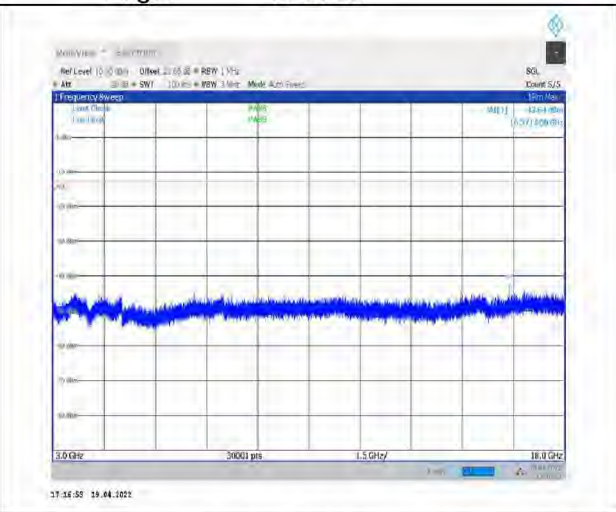
Suzhou No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区湖东路1号的8号厂房南楼 邮编: 215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com

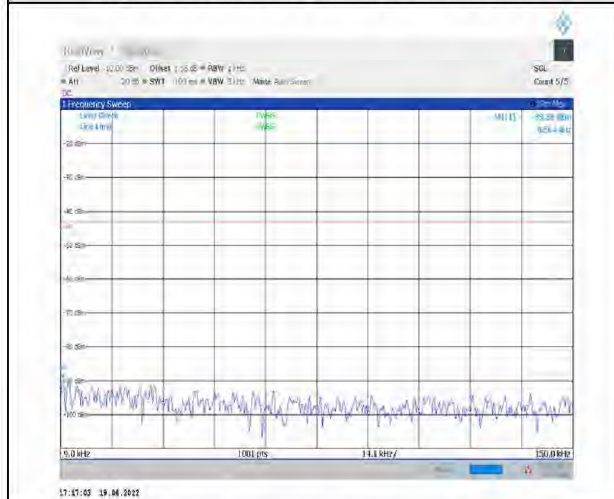




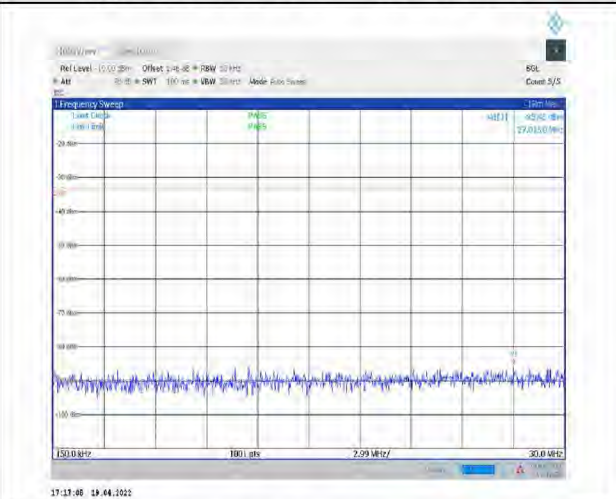
1-N70--15-15-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-1000-3000-Ant1--49.31--13-PASS



1-N70--15-15-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-3000-18000-Ant1--43.64--13-PASS



1-N70--15-15-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.009-0.15-Ant1--89.58--43-PASS



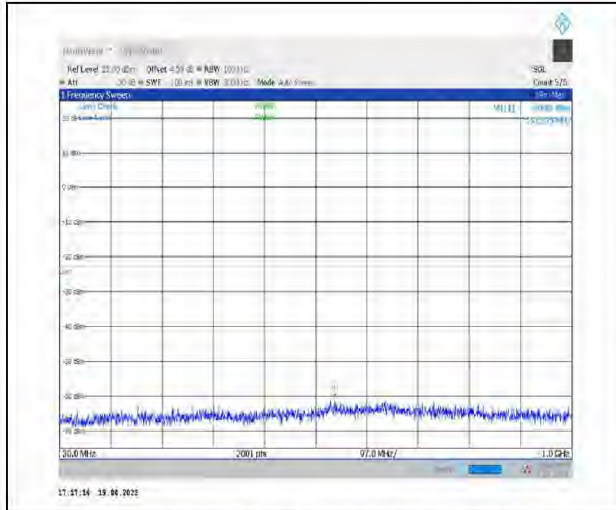
1-N70--15-15-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-Ant1--85.45--33-PASS



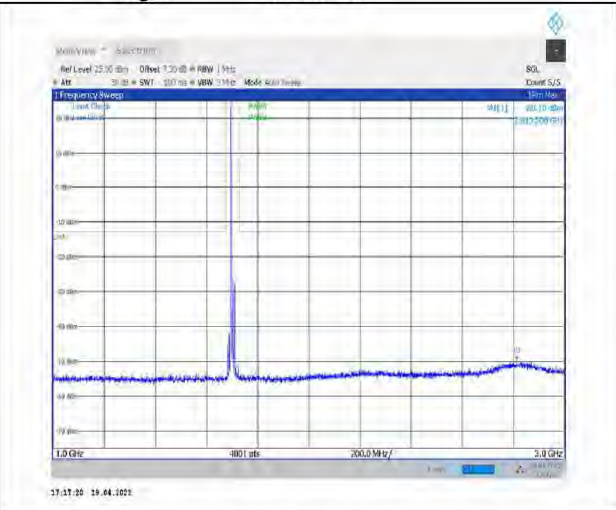
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

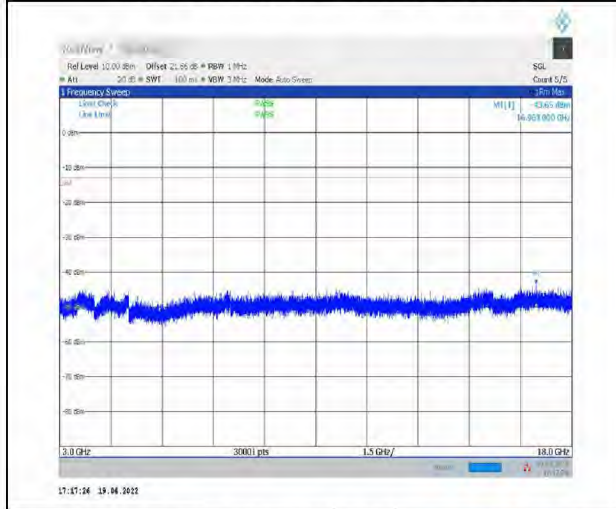
Suzhou • 江苏 • 中国 (江苏) 自由贸易试验区苏州片区苏州工业园区湖东路1号的6号厂房南楼 邮编: 215000  
 t (86-512) 62982980 www.sgs.com.cn  
 中国 • 苏州 • 中国 (江苏) 自由贸易试验区苏州片区苏州工业园区湖东路1号的6号厂房南楼 邮编: 215000  
 t (86-512) 62982980 sgs.china@sgs.com



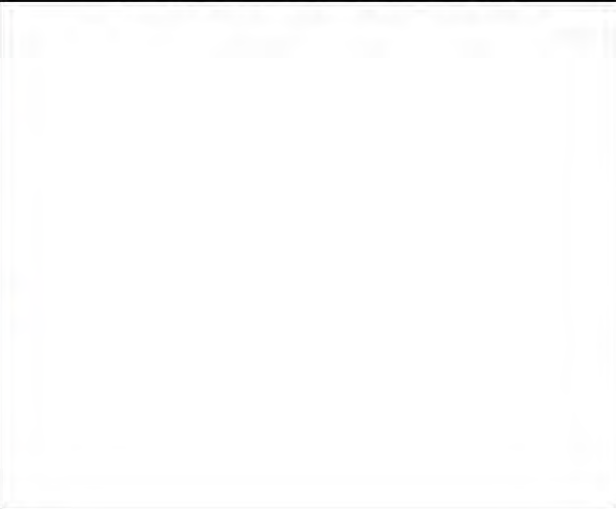
1-N70--15-15-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-30-1000-Ant1--60.82--23-PASS



1-N70--15-15-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-1000-3000-Ant1--50.10--13-PASS



1-N70--15-15-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-3000-18000-Ant1--43.65--13-PASS



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

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

Suzhou No. 8 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8号厂房南楼 邮编: 215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



### Field Strength of Spurious Radiation

Test Band = SA Band 70 BW 15M\_ TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3391.68	50.55	-111.74	-61.19	-13.00	48.19	142	360	Horizontal
2	5087.52	50.08	-107.03	-56.95	-13.00	43.95	263	87	Horizontal
3	6783.36	51.10	-102.06	-50.96	-13.00	37.96	144	288	Horizontal
4	8479.2	47.91	-96.78	-48.87	-13.00	35.87	196	226	Horizontal
5	10175.04	44.28	-93.18	-48.90	-13.00	35.90	244	99	Horizontal
6	11796.75	52.89	-91.76	-38.87	-13.00	25.87	143	312	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3391.68	50.95	-111.74	-60.79	-13.00	47.79	263	165	Vertical
2	5087.52	48.49	-107.03	-58.54	-13.00	45.54	251	355	Vertical
3	6783.36	49.43	-102.06	-52.63	-13.00	39.63	196	175	Vertical
4	8479.2	45.25	-96.78	-51.53	-13.00	38.53	142	52	Vertical
5	10175.04	43.00	-93.18	-50.18	-13.00	37.18	296	127	Vertical
6	11796.75	54.41	-91.76	-37.35	-13.00	24.35	142	226	Vertical



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

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

Suzhou No. 8 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生路1号的8号厂房南楼 邮编: 215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com

Test Band = SA Band 70 BW 10M\_ TM1

Test Channel = Low Channel

Final Data List									
NO	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3391.18	50.80	-111.74	-60.94	-13.00	47.94	263	286	Horizontal
2	5086.77	48.33	-107.03	-58.70	-13.00	45.70	251	249	Horizontal
3	6782.36	49.18	-102.06	-52.88	-13.00	39.88	174	360	Horizontal
4	8477.95	45.23	-96.79	-51.56	-13.00	38.56	186	359	Horizontal
5	10173.54	43.74	-93.19	-49.45	-13.00	36.45	254	161	Horizontal
6	11796.75	52.44	-91.76	-39.32	-13.00	26.32	188	211	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3391.18	50.76	-111.74	-60.98	-13.00	47.98	263	3	Vertical
2	5086.77	50.59	-107.03	-56.44	-13.00	43.44	254	179	Vertical
3	6782.36	49.61	-102.06	-52.45	-13.00	39.45	174	114	Vertical
4	8477.95	46.22	-96.79	-50.57	-13.00	37.57	152	204	Vertical
5	10173.54	43.50	-93.19	-49.69	-13.00	36.69	263	338	Vertical
6	11796.75	54.04	-91.76	-37.72	-13.00	24.72	241	227	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.Docscheck@sgs.com](mailto:CN.Docscheck@sgs.com)

Suzhou 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

† (86-512) 62982980 www.sgs.com.cn  
 † (86-512) 62982980 sgs.china@sgs.com



Test Band = SA Band 70 BW 10M\_ TM1

Test Channel = Mid Channel

Final Data List									
NO	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3396.18	52.08	-111.75	-59.67	-13.00	46.67	263	139	Horizontal
2	5094.27	49.86	-106.98	-57.12	-13.00	44.12	251	3	Horizontal
3	6792.36	49.60	-102.04	-52.44	-13.00	39.44	142	126	Horizontal
4	8490.45	45.09	-96.75	-51.66	-13.00	38.66	284	359	Horizontal
5	10188.54	43.04	-93.13	-50.09	-13.00	37.09	265	302	Horizontal
6	11796.75	52.53	-91.76	-39.23	-13.00	26.23	241	14	Horizontal

Final Data List									
NO	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3396.18	50.50	-111.75	-61.25	-13.00	48.25	263	360	Vertical
2	5094.27	50.62	-106.98	-56.36	-13.00	43.36	251	360	Vertical
3	6792.36	48.61	-102.04	-53.43	-13.00	40.43	148	201	Vertical
4	8490.45	45.09	-96.75	-51.66	-13.00	38.66	265	189	Vertical
5	10188.54	43.57	-93.13	-49.56	-13.00	36.56	241	360	Vertical
6	11796.75	54.50	-91.76	-37.26	-13.00	24.26	177	28	Vertical



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

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

Suzhou 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生路1号的6号厂房南楼 邮编: 215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com

Test Band = SA Band 70 BW 10M\_ TM1

Test Channel = High Channel

Final Data List									
NO	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3401.18	50.22	-111.75	-61.53	-13.00	48.53	263	355	Horizontal
2	5101.77	49.30	-106.95	-57.65	-13.00	44.65	241	274	Horizontal
3	6802.36	50.02	-102.01	-51.99	-13.00	38.99	178	287	Horizontal
4	8502.95	45.83	-96.73	-50.90	-13.00	37.90	265	185	Horizontal
5	10203.54	43.92	-93.10	-49.18	-13.00	36.18	284	25	Horizontal
6	11796.75	51.03	-91.76	-40.73	-13.00	27.73	177	25	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3401.18	50.63	-111.75	-61.12	-13.00	48.12	163	226	Vertical
2	5101.77	51.18	-106.95	-55.77	-13.00	42.77	254	3	Vertical
3	6802.36	49.31	-102.01	-52.70	-13.00	39.70	175	14	Vertical
4	8502.95	45.24	-96.73	-51.49	-13.00	38.49	263	177	Vertical
5	10203.54	44.83	-93.10	-48.27	-13.00	35.27	322	338	Vertical
6	11796.75	55.14	-91.76	-36.62	-13.00	23.62	142	226	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.Docscheck@sgs.com](mailto:CN.Docscheck@sgs.com)

Suzhou 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生路1号的6号厂房南楼 邮编: 215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 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	3.800000	0.002232	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	VN	NT	3.500000	0.002056	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	VL	NT	5.600000	0.003289	PASS
N70	15	15	CP-QPSK	M	Outer_Full	VH	NT	0.800000	0.000470	PASS
N70	15	15	CP-QPSK	M	Outer_Full	VN	NT	-1.600000	-0.000940	PASS
N70	15	15	CP-QPSK	M	Outer_Full	VL	NT	-1.000000	-0.000587	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 & certificates, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Questcheck@sgs.com](mailto:CN.Questcheck@sgs.com)

South of No. 8 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8号厂房南楼 邮编: 215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	-30	7.400000	0.004347	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	-20	4.400000	0.002584	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	-10	5.000000	0.002937	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	0	1.500000	0.000881	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	10	4.800000	0.002819	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	20	3.600000	0.002115	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	30	7.900000	0.004640	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	40	1.400000	0.000822	PASS
N70	15	15	DFT-PI2BPSK	M	Outer_Full	NV	50	1.700000	0.000999	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	-30	-1.300000	-0.000764	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	-20	4.200000	0.002467	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	-10	-2.100000	-0.001233	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	0	-0.800000	-0.000470	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	10	-2.500000	-0.001468	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	20	-2.700000	-0.001586	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	30	-0.900000	-0.000529	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	40	-2.000000	-0.001175	PASS
N70	15	15	CP-QPSK	M	Outer_Full	NV	50	-4.800000	-0.002819	PASS

The End



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

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

Suzhou No. 8 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生路1号的8号厂房南楼 邮编: 215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com