

# Appendix B.35

## NR Band n71



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

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

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

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

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

### Test Result Ant1

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
N71	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	24.46	23.53	34.77	PASS
N71	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	24.40	23.47	34.77	PASS
N71	15	5	DFT-PI2BPSK	L	Outer_Full	24.26	23.33	34.77	PASS
N71	15	5	DFT-QPSK	L	Inner_1RB_Left	24.30	23.37	34.77	PASS
N71	15	5	DFT-QPSK	L	Inner_1RB_Right	24.26	23.33	34.77	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	23.74	22.81	34.77	PASS
N71	15	5	DFT-16QAM	L	Inner_1RB_Left	23.72	22.79	34.77	PASS
N71	15	5	DFT-16QAM	L	Inner_1RB_Right	23.63	22.7	34.77	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	22.82	21.89	34.77	PASS
N71	15	5	DFT-64QAM	L	Inner_1RB_Left	22.42	21.49	34.77	PASS
N71	15	5	DFT-64QAM	L	Inner_1RB_Right	22.37	21.44	34.77	PASS
N71	15	5	DFT-64QAM	L	Outer_Full	22.24	21.31	34.77	PASS
N71	15	5	DFT-256QAM	L	Inner_1RB_Left	19.73	18.8	34.77	PASS
N71	15	5	DFT-256QAM	L	Inner_1RB_Right	19.64	18.71	34.77	PASS
N71	15	5	DFT-256QAM	L	Outer_Full	20.22	19.29	34.77	PASS
N71	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	24.24	23.31	34.77	PASS
N71	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	24.26	23.33	34.77	PASS
N71	15	5	DFT-PI2BPSK	M	Outer_Full	23.99	23.06	34.77	PASS
N71	15	5	DFT-QPSK	M	Inner_1RB_Left	24.12	23.19	34.77	PASS
N71	15	5	DFT-QPSK	M	Inner_1RB_Right	24.17	23.24	34.77	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	23.45	22.52	34.77	PASS
N71	15	5	DFT-16QAM	M	Inner_1RB_Left	23.51	22.58	34.77	PASS
N71	15	5	DFT-16QAM	M	Inner_1RB_Right	23.48	22.55	34.77	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	22.56	21.63	34.77	PASS
N71	15	5	DFT-64QAM	M	Inner_1RB_Left	22.19	21.26	34.77	PASS
N71	15	5	DFT-64QAM	M	Inner_1RB_Right	22.08	21.15	34.77	PASS
N71	15	5	DFT-64QAM	M	Outer_Full	22.03	21.1	34.77	PASS
N71	15	5	DFT-256QAM	M	Inner_1RB_Left	19.47	18.54	34.77	PASS
N71	15	5	DFT-256QAM	M	Inner_1RB_Right	19.40	18.47	34.77	PASS
N71	15	5	DFT-256QAM	M	Outer_Full	19.94	19.01	34.77	PASS
N71	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	24.11	23.18	34.77	PASS



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

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

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

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



Table with 10 columns: Item No., Lot No., Sample No., Modulation, Error Rate, Inner Bit Error Rate, BER, SNR, SNR Margin, and Result. It contains 50 rows of test data for various modulation schemes like DFT-PI2BPSK, DFT-QPSK, and DFT-16QAM.



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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com. South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 6292980 www.sgsgroup.com.cn 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 6292980 sgs.china@sgs.com



N71	15	10	DFT-16QAM	M	Outer_Full	22.54	21.61	34.77	PASS
N71	15	10	DFT-64QAM	M	Inner_1RB_Left	22.21	21.28	34.77	PASS
N71	15	10	DFT-64QAM	M	Inner_1RB_Right	22.11	21.18	34.77	PASS
N71	15	10	DFT-64QAM	M	Outer_Full	22.06	21.13	34.77	PASS
N71	15	10	DFT-256QAM	M	Inner_1RB_Left	19.47	18.54	34.77	PASS
N71	15	10	DFT-256QAM	M	Inner_1RB_Right	19.56	18.63	34.77	PASS
N71	15	10	DFT-256QAM	M	Outer_Full	19.98	19.05	34.77	PASS
N71	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	24.28	23.35	34.77	PASS
N71	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	24.30	23.37	34.77	PASS
N71	15	10	DFT-PI2BPSK	H	Outer_Full	23.97	23.04	34.77	PASS
N71	15	10	DFT-QPSK	H	Inner_1RB_Left	24.17	23.24	34.77	PASS
N71	15	10	DFT-QPSK	H	Inner_1RB_Right	24.15	23.22	34.77	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	23.45	22.52	34.77	PASS
N71	15	10	DFT-16QAM	H	Inner_1RB_Left	23.47	22.54	34.77	PASS
N71	15	10	DFT-16QAM	H	Inner_1RB_Right	23.35	22.42	34.77	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	22.50	21.57	34.77	PASS
N71	15	10	DFT-64QAM	H	Inner_1RB_Left	22.10	21.17	34.77	PASS
N71	15	10	DFT-64QAM	H	Inner_1RB_Right	22.07	21.14	34.77	PASS
N71	15	10	DFT-64QAM	H	Outer_Full	22.04	21.11	34.77	PASS
N71	15	10	DFT-256QAM	H	Inner_1RB_Left	19.43	18.5	34.77	PASS
N71	15	10	DFT-256QAM	H	Inner_1RB_Right	19.35	18.42	34.77	PASS
N71	15	10	DFT-256QAM	H	Outer_Full	19.94	19.01	34.77	PASS
N71	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	24.54	23.61	34.77	PASS
N71	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	24.41	23.48	34.77	PASS
N71	15	15	DFT-PI2BPSK	L	Outer_Full	24.14	23.21	34.77	PASS
N71	15	15	DFT-QPSK	L	Inner_1RB_Left	24.37	23.44	34.77	PASS
N71	15	15	DFT-QPSK	L	Inner_1RB_Right	24.31	23.38	34.77	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	23.61	22.68	34.77	PASS
N71	15	15	DFT-16QAM	L	Inner_1RB_Left	23.54	22.61	34.77	PASS
N71	15	15	DFT-16QAM	L	Inner_1RB_Right	23.50	22.57	34.77	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	22.73	21.8	34.77	PASS
N71	15	15	DFT-64QAM	L	Inner_1RB_Left	22.32	21.39	34.77	PASS
N71	15	15	DFT-64QAM	L	Inner_1RB_Right	22.25	21.32	34.77	PASS
N71	15	15	DFT-64QAM	L	Outer_Full	22.22	21.29	34.77	PASS
N71	15	15	DFT-256QAM	L	Inner_1RB_Left	19.70	18.77	34.77	PASS
N71	15	15	DFT-256QAM	L	Inner_1RB_Right	19.54	18.61	34.77	PASS
N71	15	15	DFT-256QAM	L	Outer_Full	20.14	19.21	34.77	PASS



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

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

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

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



N71	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	24.46	23.53	34.77	PASS
N71	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	24.29	23.36	34.77	PASS
N71	15	15	DFT-PI2BPSK	M	Outer_Full	24.14	23.21	34.77	PASS
N71	15	15	DFT-QPSK	M	Inner_1RB_Left	24.35	23.42	34.77	PASS
N71	15	15	DFT-QPSK	M	Inner_1RB_Right	24.23	23.3	34.77	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	23.58	22.65	34.77	PASS
N71	15	15	DFT-16QAM	M	Inner_1RB_Left	23.51	22.58	34.77	PASS
N71	15	15	DFT-16QAM	M	Inner_1RB_Right	23.49	22.56	34.77	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	22.68	21.75	34.77	PASS
N71	15	15	DFT-64QAM	M	Inner_1RB_Left	22.30	21.37	34.77	PASS
N71	15	15	DFT-64QAM	M	Inner_1RB_Right	22.30	21.37	34.77	PASS
N71	15	15	DFT-64QAM	M	Outer_Full	22.17	21.24	34.77	PASS
N71	15	15	DFT-256QAM	M	Inner_1RB_Left	19.58	18.65	34.77	PASS
N71	15	15	DFT-256QAM	M	Inner_1RB_Right	19.60	18.67	34.77	PASS
N71	15	15	DFT-256QAM	M	Outer_Full	20.08	19.15	34.77	PASS
N71	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	24.25	23.32	34.77	PASS
N71	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	24.18	23.25	34.77	PASS
N71	15	15	DFT-PI2BPSK	H	Outer_Full	24.01	23.08	34.77	PASS
N71	15	15	DFT-QPSK	H	Inner_1RB_Left	24.19	23.26	34.77	PASS
N71	15	15	DFT-QPSK	H	Inner_1RB_Right	24.10	23.17	34.77	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	23.47	22.54	34.77	PASS
N71	15	15	DFT-16QAM	H	Inner_1RB_Left	23.46	22.53	34.77	PASS
N71	15	15	DFT-16QAM	H	Inner_1RB_Right	23.33	22.4	34.77	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	22.57	21.64	34.77	PASS
N71	15	15	DFT-64QAM	H	Inner_1RB_Left	22.16	21.23	34.77	PASS
N71	15	15	DFT-64QAM	H	Inner_1RB_Right	22.09	21.16	34.77	PASS
N71	15	15	DFT-64QAM	H	Outer_Full	22.06	21.13	34.77	PASS
N71	15	15	DFT-256QAM	H	Inner_1RB_Left	19.53	18.6	34.77	PASS
N71	15	15	DFT-256QAM	H	Inner_1RB_Right	19.48	18.55	34.77	PASS
N71	15	15	DFT-256QAM	H	Outer_Full	19.97	19.04	34.77	PASS
N71	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	24.42	23.49	34.77	PASS
N71	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	24.34	23.41	34.77	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	24.19	23.26	34.77	PASS
N71	15	20	DFT-QPSK	L	Inner_1RB_Left	24.28	23.35	34.77	PASS
N71	15	20	DFT-QPSK	L	Inner_1RB_Right	24.25	23.32	34.77	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	23.70	22.77	34.77	PASS
N71	15	20	DFT-16QAM	L	Inner_1RB_Left	23.56	22.63	34.77	PASS



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

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

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

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



N71	15	20	DFT-16QAM	L	Inner_1RB_Right	23.52	22.59	34.77	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	22.56	21.63	34.77	PASS
N71	15	20	DFT-64QAM	L	Inner_1RB_Left	22.25	21.32	34.77	PASS
N71	15	20	DFT-64QAM	L	Inner_1RB_Right	22.14	21.21	34.77	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	22.21	21.28	34.77	PASS
N71	15	20	DFT-256QAM	L	Inner_1RB_Left	19.69	18.76	34.77	PASS
N71	15	20	DFT-256QAM	L	Inner_1RB_Right	19.50	18.57	34.77	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	20.16	19.23	34.77	PASS
N71	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	24.40	23.47	34.77	PASS
N71	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	24.29	23.36	34.77	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	24.20	23.27	34.77	PASS
N71	15	20	DFT-QPSK	M	Inner_1RB_Left	24.33	23.4	34.77	PASS
N71	15	20	DFT-QPSK	M	Inner_1RB_Right	24.21	23.28	34.77	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	23.74	22.81	34.77	PASS
N71	15	20	DFT-16QAM	M	Inner_1RB_Left	23.62	22.69	34.77	PASS
N71	15	20	DFT-16QAM	M	Inner_1RB_Right	23.51	22.58	34.77	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	22.63	21.7	34.77	PASS
N71	15	20	DFT-64QAM	M	Inner_1RB_Left	22.27	21.34	34.77	PASS
N71	15	20	DFT-64QAM	M	Inner_1RB_Right	22.19	21.26	34.77	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	22.16	21.23	34.77	PASS
N71	15	20	DFT-256QAM	M	Inner_1RB_Left	19.67	18.74	34.77	PASS
N71	15	20	DFT-256QAM	M	Inner_1RB_Right	19.50	18.57	34.77	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	20.17	19.24	34.77	PASS
N71	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	24.30	23.37	34.77	PASS
N71	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	24.19	23.26	34.77	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	24.17	23.24	34.77	PASS
N71	15	20	DFT-QPSK	H	Inner_1RB_Left	24.23	23.3	34.77	PASS
N71	15	20	DFT-QPSK	H	Inner_1RB_Right	24.10	23.17	34.77	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	23.65	22.72	34.77	PASS
N71	15	20	DFT-16QAM	H	Inner_1RB_Left	23.51	22.58	34.77	PASS
N71	15	20	DFT-16QAM	H	Inner_1RB_Right	23.37	22.44	34.77	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	22.60	21.67	34.77	PASS
N71	15	20	DFT-64QAM	H	Inner_1RB_Left	22.09	21.16	34.77	PASS
N71	15	20	DFT-64QAM	H	Inner_1RB_Right	22.07	21.14	34.77	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	22.15	21.22	34.77	PASS
N71	15	20	DFT-256QAM	H	Inner_1RB_Left	19.48	18.55	34.77	PASS
N71	15	20	DFT-256QAM	H	Inner_1RB_Right	19.46	18.53	34.77	PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62982980 www.sgsgroup.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62982980 sgs.china@sgs.com



Report No.: SUCR240100001702

Rev.: 01

Page: 7 of 69

N71	15	20	DFT-256QAM	H	Outer_Full	20.10	19.17	34.77	PASS
-----	----	----	------------	---	------------	-------	-------	-------	------



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

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

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

## Effective (Isotropic) Radiated Power Output Data for MIMO

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant1 (dBm)	Power Ant7 (dBm)	Total Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
N71	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.88	24.71	27.33	26.4	34.77	PASS
N71	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.92	24.7	27.34	26.41	34.77	PASS
N71	15	5	DFT-PI2BPSK	L	Outer_Full	22.53	23.29	25.94	25.01	34.77	PASS
N71	15	5	DFT-16QAM	L	Inner_1RB_Left	22.93	23.65	26.32	25.39	34.77	PASS
N71	15	5	DFT-16QAM	L	Inner_1RB_Right	22.95	23.81	26.41	25.48	34.77	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	22.06	22.72	25.41	24.48	34.77	PASS
N71	15	5	DFT-64QAM	L	Inner_1RB_Left	21.68	22.35	25.04	24.11	34.77	PASS
N71	15	5	DFT-64QAM	L	Inner_1RB_Right	21.65	22.3	25	24.07	34.77	PASS
N71	15	5	DFT-64QAM	L	Outer_Full	21.56	22.24	24.92	23.99	34.77	PASS
N71	15	5	DFT-256QAM	L	Inner_1RB_Left	18.49	19.31	21.93	21	34.77	PASS
N71	15	5	DFT-256QAM	L	Inner_1RB_Right	18.53	19.36	21.98	21.05	34.77	PASS
N71	15	5	DFT-256QAM	L	Outer_Full	19.02	19.82	22.45	21.52	34.77	PASS
N71	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.84	24.42	27.15	26.22	34.77	PASS
N71	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.8	24.37	27.1	26.17	34.77	PASS
N71	15	5	DFT-PI2BPSK	M	Outer_Full	22.39	23	25.72	24.79	34.77	PASS
N71	15	5	DFT-16QAM	M	Inner_1RB_Left	22.93	23.51	26.24	25.31	34.77	PASS



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

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

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

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





N71	15	5	DFT-16QAM	M	Inner_1RB_Right	22.88	23.52	26.22	25.29	34.77	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	21.97	22.54	25.27	24.34	34.77	PASS
N71	15	5	DFT-64QAM	M	Inner_1RB_Left	21.61	22.21	24.93	24	34.77	PASS
N71	15	5	DFT-64QAM	M	Inner_1RB_Right	21.56	22.12	24.86	23.93	34.77	PASS
N71	15	5	DFT-64QAM	M	Outer_Full	21.44	22.02	24.75	23.82	34.77	PASS
N71	15	5	DFT-256QAM	M	Inner_1RB_Left	18.37	19.12	21.77	20.84	34.77	PASS
N71	15	5	DFT-256QAM	M	Inner_1RB_Right	18.42	19.16	21.82	20.89	34.77	PASS
N71	15	5	DFT-256QAM	M	Outer_Full	18.83	19.67	22.28	21.35	34.77	PASS
N71	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.74	24.44	27.11	26.18	34.77	PASS
N71	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.64	24.47	27.09	26.16	34.77	PASS
N71	15	5	DFT-PI2BPSK	H	Outer_Full	22.27	23	25.66	24.73	34.77	PASS
N71	15	5	DFT-16QAM	H	Inner_1RB_Left	22.86	23.51	26.21	25.28	34.77	PASS
N71	15	5	DFT-16QAM	H	Inner_1RB_Right	22.73	23.46	26.12	25.19	34.77	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	21.86	22.53	25.22	24.29	34.77	PASS
N71	15	5	DFT-64QAM	H	Inner_1RB_Left	21.51	22.16	24.86	23.93	34.77	PASS
N71	15	5	DFT-64QAM	H	Inner_1RB_Right	21.4	22.09	24.77	23.84	34.77	PASS
N71	15	5	DFT-64QAM	H	Outer_Full	21.33	22.02	24.7	23.77	34.77	PASS
N71	15	5	DFT-256QAM	H	Inner_1RB_Left	18.37	19.23	21.83	20.9	34.77	PASS
N71	15	5	DFT-256QAM	H	Inner_1RB_Right	18.34	19.17	21.79	20.86	34.77	PASS
N71	15	5	DFT-256QAM	H	Outer_Full	18.83	19.65	22.27	21.34	34.77	PASS
N71	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	24.01	24.75	27.41	26.48	34.77	PASS



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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CN\\_Doccheck@sgs.com](mailto:CN_Doccheck@sgs.com)  
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



N71	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.9	24.62	27.29	26.36	34.77	PASS
N71	15	10	DFT-PI2BPSK	L	Outer_Full	22.5	23.2	25.87	24.94	34.77	PASS
N71	15	10	DFT-16QAM	L	Inner_1RB_Left	22.86	23.73	26.33	25.4	34.77	PASS
N71	15	10	DFT-16QAM	L	Inner_1RB_Right	22.93	23.6	26.29	25.36	34.77	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	21.94	22.78	25.39	24.46	34.77	PASS
N71	15	10	DFT-64QAM	L	Inner_1RB_Left	21.67	22.31	25.01	24.08	34.77	PASS
N71	15	10	DFT-64QAM	L	Inner_1RB_Right	21.61	22.26	24.96	24.03	34.77	PASS
N71	15	10	DFT-64QAM	L	Outer_Full	21.5	22.27	24.91	23.98	34.77	PASS
N71	15	10	DFT-256QAM	L	Inner_1RB_Left	18.41	19.37	21.93	21	34.77	PASS
N71	15	10	DFT-256QAM	L	Inner_1RB_Right	18.47	19.32	21.93	21	34.77	PASS
N71	15	10	DFT-256QAM	L	Outer_Full	19	19.78	22.42	21.49	34.77	PASS
N71	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.92	24.53	27.25	26.32	34.77	PASS
N71	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.87	24.56	27.24	26.31	34.77	PASS
N71	15	10	DFT-PI2BPSK	M	Outer_Full	22.47	23.08	25.8	24.87	34.77	PASS
N71	15	10	DFT-16QAM	M	Inner_1RB_Left	22.85	23.42	26.15	25.22	34.77	PASS
N71	15	10	DFT-16QAM	M	Inner_1RB_Right	22.86	23.52	26.21	25.28	34.77	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	21.93	22.56	25.27	24.34	34.77	PASS
N71	15	10	DFT-64QAM	M	Inner_1RB_Left	21.48	22.12	24.82	23.89	34.77	PASS
N71	15	10	DFT-64QAM	M	Inner_1RB_Right	21.51	22.19	24.87	23.94	34.77	PASS
N71	15	10	DFT-64QAM	M	Outer_Full	21.43	22.06	24.77	23.84	34.77	PASS
N71	15	10	DFT-256QAM	M	Inner_1RB_Left	18.38	19.17	21.8	20.87	34.77	PASS



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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)  
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



N71	15	10	DFT-256QAM	M	Inner_1RB_Right	18.44	19.21	21.85	20.92	34.77	PASS
N71	15	10	DFT-256QAM	M	Outer_Full	18.88	19.63	22.28	21.35	34.77	PASS
N71	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.8	24.49	27.17	26.24	34.77	PASS
N71	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.75	24.51	27.16	26.23	34.77	PASS
N71	15	10	DFT-PI2BPSK	H	Outer_Full	22.34	23.02	25.7	24.77	34.77	PASS
N71	15	10	DFT-16QAM	H	Inner_1RB_Left	22.84	23.48	26.18	25.25	34.77	PASS
N71	15	10	DFT-16QAM	H	Inner_1RB_Right	22.74	23.46	26.13	25.2	34.77	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	21.88	22.55	25.24	24.31	34.77	PASS
N71	15	10	DFT-64QAM	H	Inner_1RB_Left	21.48	22.15	24.84	23.91	34.77	PASS
N71	15	10	DFT-64QAM	H	Inner_1RB_Right	21.46	22.17	24.84	23.91	34.77	PASS
N71	15	10	DFT-64QAM	H	Outer_Full	21.38	22.06	24.74	23.81	34.77	PASS
N71	15	10	DFT-256QAM	H	Inner_1RB_Left	18.4	19.15	21.8	20.87	34.77	PASS
N71	15	10	DFT-256QAM	H	Inner_1RB_Right	18.35	19.21	21.81	20.88	34.77	PASS
N71	15	10	DFT-256QAM	H	Outer_Full	18.88	19.7	22.32	21.39	34.77	PASS
N71	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	24.01	24.74	27.4	26.47	34.77	PASS
N71	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.88	24.6	27.27	26.34	34.77	PASS
N71	15	15	DFT-PI2BPSK	L	Outer_Full	22.47	23.15	25.83	24.9	34.77	PASS
N71	15	15	DFT-16QAM	L	Inner_1RB_Left	22.85	23.7	26.31	25.38	34.77	PASS
N71	15	15	DFT-16QAM	L	Inner_1RB_Right	22.91	23.57	26.26	25.33	34.77	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	22.03	22.73	25.4	24.47	34.77	PASS
N71	15	15	DFT-64QAM	L	Inner_1RB_Left	21.62	22.27	24.97	24.04	34.77	PASS



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

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

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

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



N71	15	15	DFT-64QAM	L	Inner_1RB_Right	21.5	22.23	24.89	23.96	34.77	PASS
N71	15	15	DFT-64QAM	L	Outer_Full	21.55	22.21	24.9	23.97	34.77	PASS
N71	15	15	DFT-256QAM	L	Inner_1RB_Left	18.54	19.37	21.99	21.06	34.77	PASS
N71	15	15	DFT-256QAM	L	Inner_1RB_Right	18.46	19.31	21.92	20.99	34.77	PASS
N71	15	15	DFT-256QAM	L	Outer_Full	19.01	19.81	22.44	21.51	34.77	PASS
N71	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.97	24.59	27.3	26.37	34.77	PASS
N71	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.92	24.67	27.32	26.39	34.77	PASS
N71	15	15	DFT-PI2BPSK	M	Outer_Full	22.41	23.01	25.73	24.8	34.77	PASS
N71	15	15	DFT-16QAM	M	Inner_1RB_Left	22.89	23.57	26.25	25.32	34.77	PASS
N71	15	15	DFT-16QAM	M	Inner_1RB_Right	22.85	23.62	26.26	25.33	34.77	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	22.02	22.59	25.32	24.39	34.77	PASS
N71	15	15	DFT-64QAM	M	Inner_1RB_Left	21.6	22.17	24.9	23.97	34.77	PASS
N71	15	15	DFT-64QAM	M	Inner_1RB_Right	21.58	22.19	24.91	23.98	34.77	PASS
N71	15	15	DFT-64QAM	M	Outer_Full	21.4	22.08	24.76	23.83	34.77	PASS
N71	15	15	DFT-256QAM	M	Inner_1RB_Left	18.52	19.27	21.92	20.99	34.77	PASS
N71	15	15	DFT-256QAM	M	Inner_1RB_Right	18.46	19.28	21.9	20.97	34.77	PASS
N71	15	15	DFT-256QAM	M	Outer_Full	18.85	19.69	22.3	21.37	34.77	PASS
N71	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.82	24.43	27.15	26.22	34.77	PASS
N71	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.85	24.63	27.27	26.34	34.77	PASS
N71	15	15	DFT-PI2BPSK	H	Outer_Full	22.35	23.14	25.77	24.84	34.77	PASS
N71	15	15	DFT-16QAM	H	Inner_1RB_Left	22.84	23.47	26.18	25.25	34.77	PASS



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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)  
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



N71	15	15	DFT-16QAM	H	Inner_1RB_Right	22.85	23.61	26.26	25.33	34.77	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	21.91	22.58	25.27	24.34	34.77	PASS
N71	15	15	DFT-64QAM	H	Inner_1RB_Left	21.53	22.07	24.82	23.89	34.77	PASS
N71	15	15	DFT-64QAM	H	Inner_1RB_Right	21.55	22.24	24.92	23.99	34.77	PASS
N71	15	15	DFT-64QAM	H	Outer_Full	21.43	22.08	24.78	23.85	34.77	PASS
N71	15	15	DFT-256QAM	H	Inner_1RB_Left	18.43	19.19	21.84	20.91	34.77	PASS
N71	15	15	DFT-256QAM	H	Inner_1RB_Right	18.51	19.42	22	21.07	34.77	PASS
N71	15	15	DFT-256QAM	H	Outer_Full	18.92	19.7	22.34	21.41	34.77	PASS
N71	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.89	24.74	27.35	26.42	34.77	PASS
N71	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.86	24.56	27.23	26.3	34.77	PASS
N71	15	20	DFT-PI2BPSK	L	Outer_Full	22.54	23.18	25.88	24.95	34.77	PASS
N71	15	20	DFT-16QAM	L	Inner_1RB_Left	22.84	23.59	26.24	25.31	34.77	PASS
N71	15	20	DFT-16QAM	L	Inner_1RB_Right	22.88	23.53	26.23	25.3	34.77	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	21.94	22.61	25.3	24.37	34.77	PASS
N71	15	20	DFT-64QAM	L	Inner_1RB_Left	21.65	22.29	24.99	24.06	34.77	PASS
N71	15	20	DFT-64QAM	L	Inner_1RB_Right	21.44	22.23	24.86	23.93	34.77	PASS
N71	15	20	DFT-64QAM	L	Outer_Full	21.5	22.24	24.9	23.97	34.77	PASS
N71	15	20	DFT-256QAM	L	Inner_1RB_Left	18.45	19.33	21.92	20.99	34.77	PASS
N71	15	20	DFT-256QAM	L	Inner_1RB_Right	18.34	19.16	21.78	20.85	34.77	PASS
N71	15	20	DFT-256QAM	L	Outer_Full	19	19.83	22.45	21.52	34.77	PASS
N71	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.89	24.53	27.23	26.3	34.77	PASS



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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)  
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



N71	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.98	24.68	27.35	26.42	34.77	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	22.45	23.12	25.81	24.88	34.77	PASS
N71	15	20	DFT-16QAM	M	Inner_1RB_Left	22.91	23.57	26.26	25.33	34.77	PASS
N71	15	20	DFT-16QAM	M	Inner_1RB_Right	22.86	23.56	26.23	25.3	34.77	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	21.87	22.54	25.23	24.3	34.77	PASS
N71	15	20	DFT-64QAM	M	Inner_1RB_Left	21.61	22.16	24.9	23.97	34.77	PASS
N71	15	20	DFT-64QAM	M	Inner_1RB_Right	21.46	22.23	24.87	23.94	34.77	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	21.44	22.15	24.82	23.89	34.77	PASS
N71	15	20	DFT-256QAM	M	Inner_1RB_Left	18.38	19.17	21.8	20.87	34.77	PASS
N71	15	20	DFT-256QAM	M	Inner_1RB_Right	18.38	19.22	21.83	20.9	34.77	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	18.91	19.71	22.34	21.41	34.77	PASS
N71	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.8	24.44	27.14	26.21	34.77	PASS
N71	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.89	24.69	27.32	26.39	34.77	PASS
N71	15	20	DFT-PI2BPSK	H	Outer_Full	22.49	23.18	25.86	24.93	34.77	PASS
N71	15	20	DFT-16QAM	H	Inner_1RB_Left	22.77	23.38	26.1	25.17	34.77	PASS
N71	15	20	DFT-16QAM	H	Inner_1RB_Right	22.74	23.68	26.25	25.32	34.77	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	21.91	22.52	25.24	24.31	34.77	PASS
N71	15	20	DFT-64QAM	H	Inner_1RB_Left	21.44	22.01	24.74	23.81	34.77	PASS
N71	15	20	DFT-64QAM	H	Inner_1RB_Right	21.47	22.31	24.92	23.99	34.77	PASS
N71	15	20	DFT-64QAM	H	Outer_Full	21.36	22.1	24.76	23.83	34.77	PASS
N71	15	20	DFT-256QAM	H	Inner_1RB_Left	18.34	19.12	21.76	20.83	34.77	PASS



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

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

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

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



Report No.: SUCR240100001702

Rev.: 01

Page: 15 of 69

N71	15	20	DFT-256QAM	H	Inner_1RB_Right	18.43	19.33	21.91	20.98	34.77	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	19.01	19.76	22.41	21.48	34.77	PASS



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

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

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

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

Member of the SGS Group (SGS SA)

## Peak-to-Average Ratio for SA

## Peak-to-Average Ratio(CCDF)

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N71	15	20	DFT-256QAM	L	Outer_Full	6.75	13	PASS
N71	15	20	CP-256QAM	L	Outer_Full	8.50	13	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	6.61	13	PASS
N71	15	20	CP-256QAM	M	Outer_Full	8.60	13	PASS
N71	15	20	DFT-256QAM	H	Outer_Full	6.76	13	PASS
N71	15	20	CP-256QAM	H	Outer_Full	8.56	13	PASS



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

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

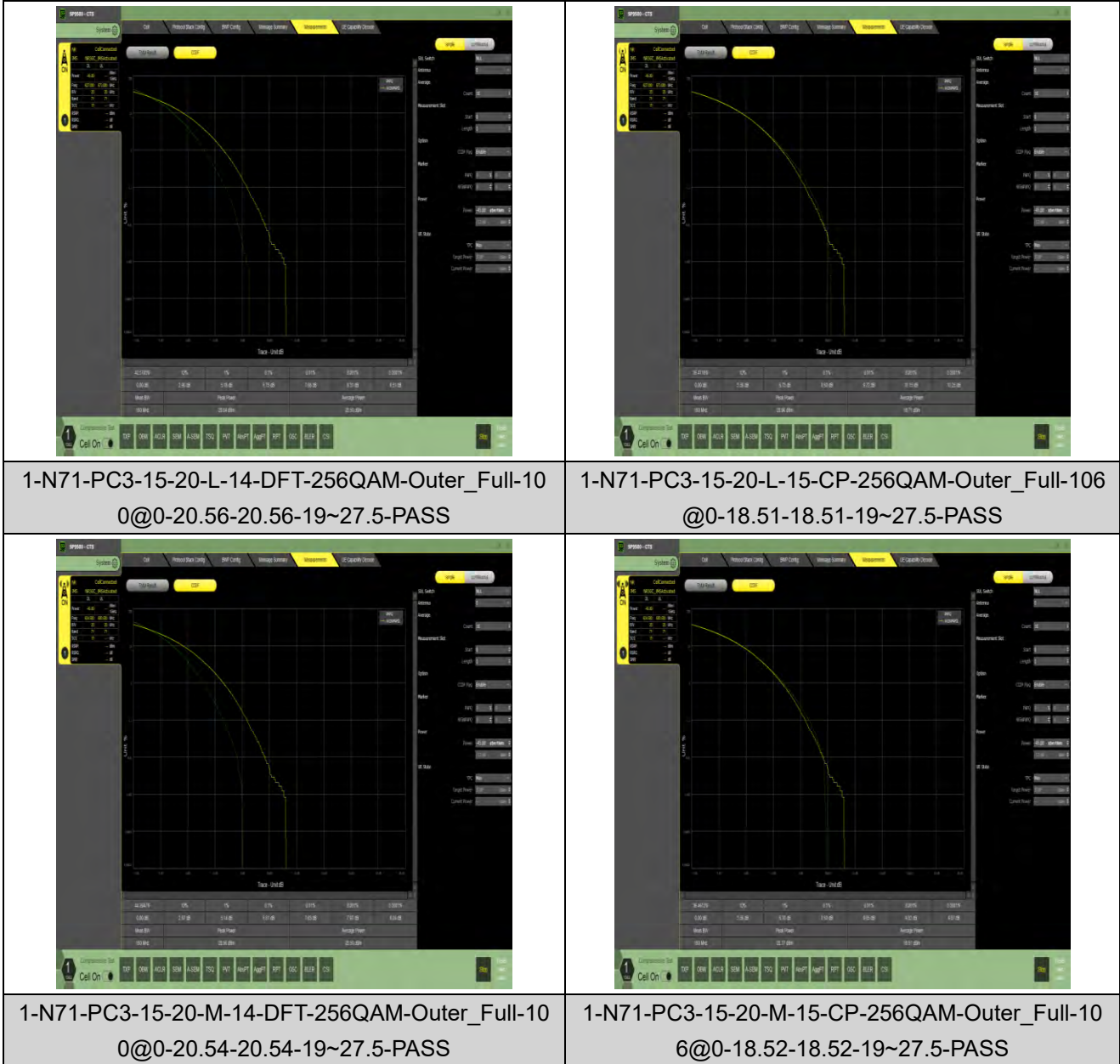
SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.  
Wireless Laboratory

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

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



Test Graphs



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

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

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



1-N71-PC3-15-20-H-14-DFT-256QAM-Outer\_Full-10  
0@0-20.51-20.51-19~27.5-PASS

1-N71-PC3-15-20-H-15-CP-256QAM-Outer\_Full-106  
@0-18.55-18.55-19~27.5-PASS



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

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

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

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

## 26dB Bandwidth and Occupied Bandwidth for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N71	15	5	DFT-QPSK	M	Outer_Full	4.502	5.100	PASS
N71	15	5	DFT-PI2BPSK	M	Outer_Full	4.48	5.070	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	4.525	5.140	PASS
N71	15	5	DFT-64QAM	M	Outer_Full	4.461	5.010	PASS
N71	15	5	DFT-256QAM	M	Outer_Full	4.503	5.040	PASS
N71	15	5	CP-QPSK	M	Outer_Full	4.471	5.070	PASS
N71	15	5	CP-16QAM	M	Outer_Full	4.555	5.280	PASS
N71	15	5	CP-64QAM	M	Outer_Full	4.489	5.080	PASS
N71	15	5	CP-256QAM	M	Outer_Full	4.527	5.260	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	8.926	9.660	PASS
N71	15	10	DFT-PI2BPSK	M	Outer_Full	8.904	9.520	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	8.938	9.560	PASS
N71	15	10	DFT-64QAM	M	Outer_Full	8.941	9.660	PASS
N71	15	10	DFT-256QAM	M	Outer_Full	8.928	9.540	PASS
N71	15	10	CP-QPSK	M	Outer_Full	9.285	10.080	PASS
N71	15	10	CP-16QAM	M	Outer_Full	9.29	9.920	PASS
N71	15	10	CP-64QAM	M	Outer_Full	9.269	9.880	PASS
N71	15	10	CP-256QAM	M	Outer_Full	9.296	10.040	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	13.469	14.340	PASS
N71	15	15	DFT-PI2BPSK	M	Outer_Full	13.485	14.610	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	13.445	14.400	PASS
N71	15	15	DFT-64QAM	M	Outer_Full	13.448	14.490	PASS
N71	15	15	DFT-256QAM	M	Outer_Full	13.474	14.490	PASS
N71	15	15	CP-QPSK	M	Outer_Full	14.153	15.090	PASS
N71	15	15	CP-16QAM	M	Outer_Full	14.169	15.210	PASS
N71	15	15	CP-64QAM	M	Outer_Full	14.178	15.360	PASS
N71	15	15	CP-256QAM	M	Outer_Full	14.137	15.240	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	17.913	19.120	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	17.923	18.840	PASS



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

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

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



Report No.: SUCR240100001702

Rev.: 01

Page: 20 of 69

N71	15	20	DFT-16QAM	M	Outer_Full	17.913	18.960	PASS
N71	15	20	DFT-64QAM	M	Outer_Full	17.896	19.080	PASS
N71	15	20	DFT-256QAM	M	Outer_Full	17.893	18.840	PASS
N71	15	20	CP-QPSK	M	Outer_Full	18.944	20.000	PASS
N71	15	20	CP-16QAM	M	Outer_Full	18.963	20.200	PASS
N71	15	20	CP-64QAM	M	Outer_Full	18.939	20.040	PASS
N71	15	20	CP-256QAM	M	Outer_Full	18.965	19.880	PASS

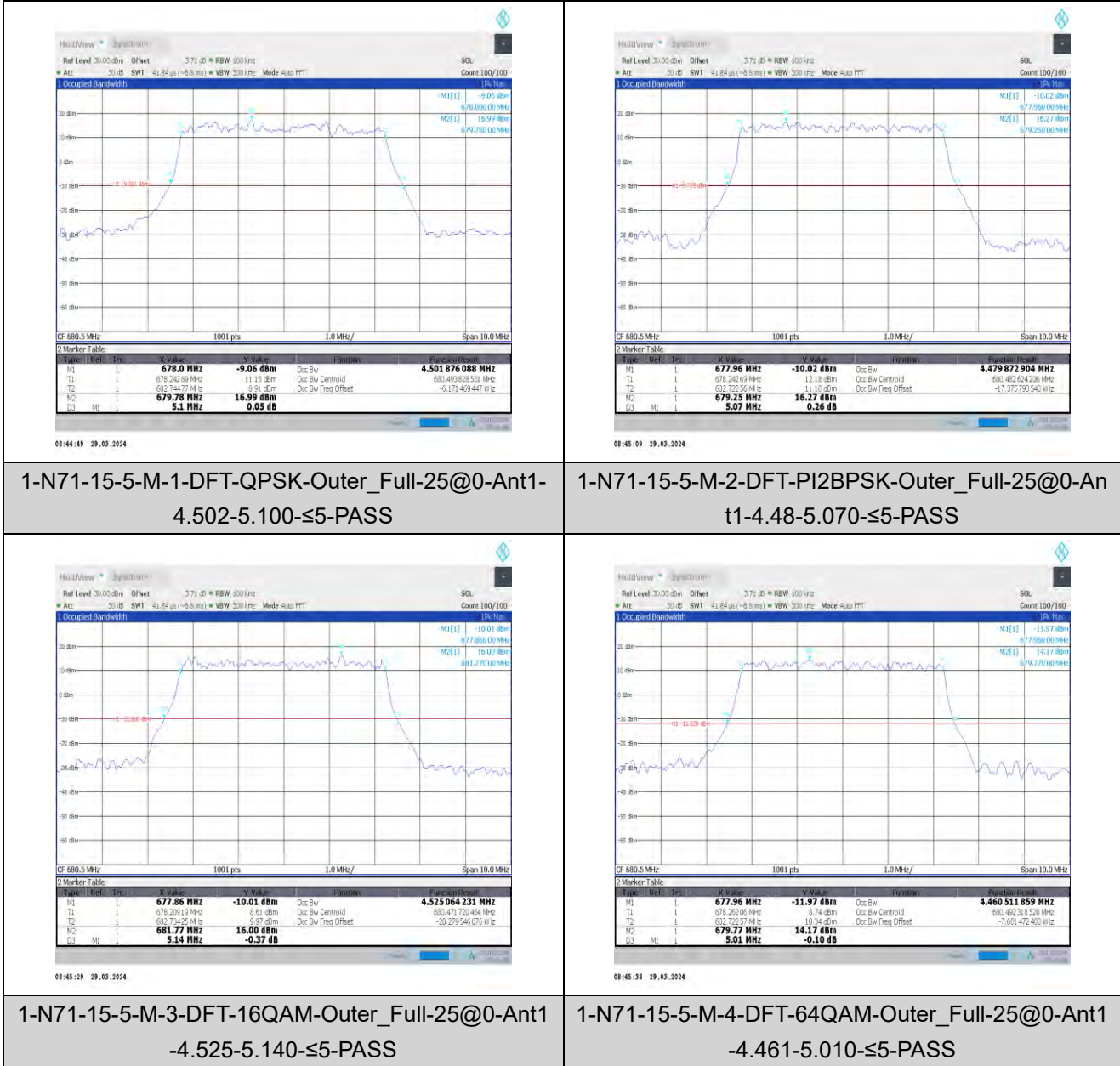


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

Test Graph



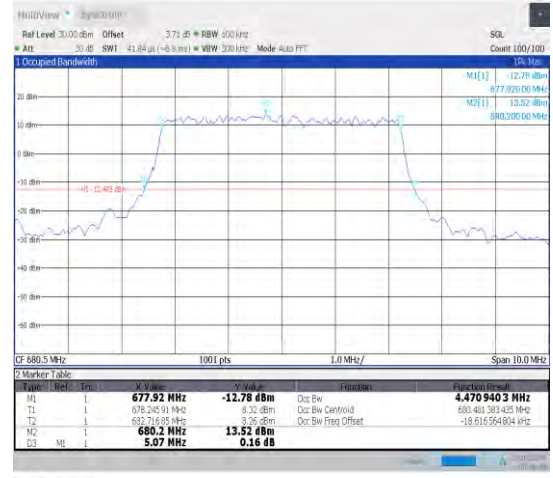
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

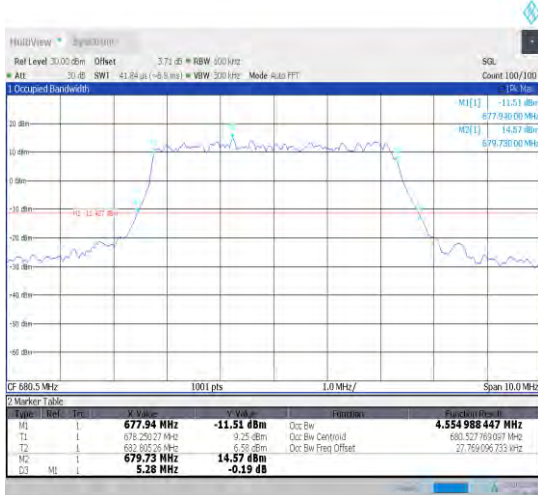
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



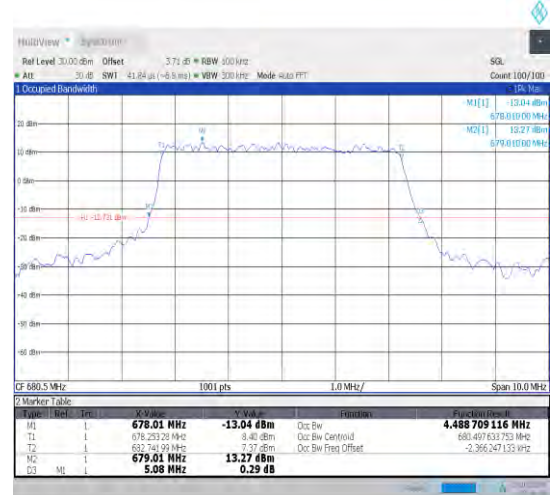
1-N71-15-5-M-5-DFT-256QAM-Outer\_Full-25@0-Ant  
1-4.503-5.040-≤5-PASS



1-N71-15-5-M-6-CP-QPSK-Outer\_Full-25@0-Ant1-4  
.471-5.070-≤5-PASS



1-N71-15-5-M-7-CP-16QAM-Outer\_Full-25@0-Ant1-  
4.555-5.280-≤5-PASS



1-N71-15-5-M-8-CP-64QAM-Outer\_Full-25@0-Ant1-  
4.489-5.080-≤5-PASS



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

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

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



1-N71-15-5-M-9-CP-256QAM-Outer\_Full-25@0-Ant1  
-4.527-5.260-≤5-PASS



1-N71-15-10-M-1-DFT-QPSK-Outer\_Full-50@0-Ant1  
-8.926-9.660-≤10-PASS



1-N71-15-10-M-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1  
-8.904-9.520-≤10-PASS



1-N71-15-10-M-3-DFT-16QAM-Outer\_Full-50@0-Ant1  
-8.938-9.560-≤10-PASS



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

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

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



1-N71-15-10-M-4-DFT-64QAM-Outer\_Full-50@0-Ant  
1-8.941-9.660-≤10-PASS



1-N71-15-10-M-5-DFT-256QAM-Outer\_Full-50@0-A  
nt1-8.928-9.540-≤10-PASS



1-N71-15-10-M-6-CP-QPSK-Outer\_Full-52@0-Ant1-  
9.285-10.080-≤10-PASS



1-N71-15-10-M-7-CP-16QAM-Outer\_Full-52@0-Ant  
1-9.292-9.920-≤10-PASS

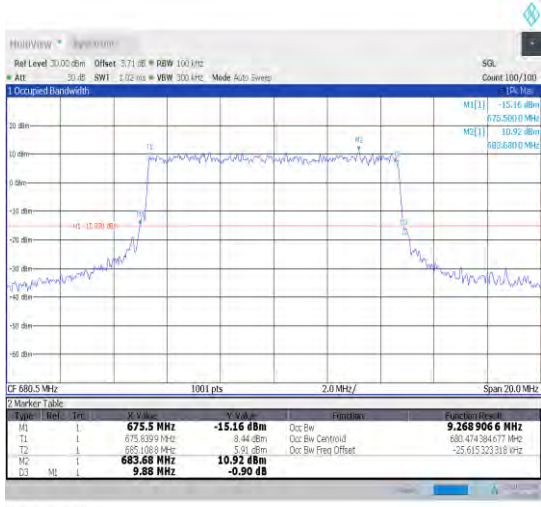


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

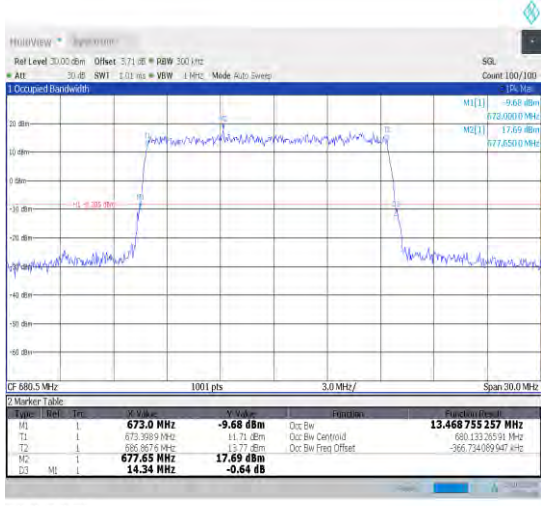




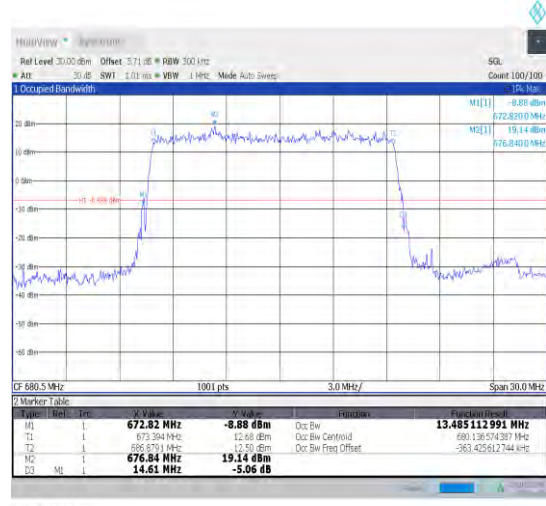
1-N71-15-10-M-8-CP-64QAM-Outer\_Full-52@0-Ant1  
-9.269-9.880-≤10-PASS



1-N71-15-10-M-9-CP-256QAM-Outer\_Full-52@0-An  
t1-9.296-10.040-≤10-PASS



1-N71-15-15-M-1-DFT-QPSK-Outer\_Full-75@0-Ant1  
-13.469-14.340-≤15-PASS



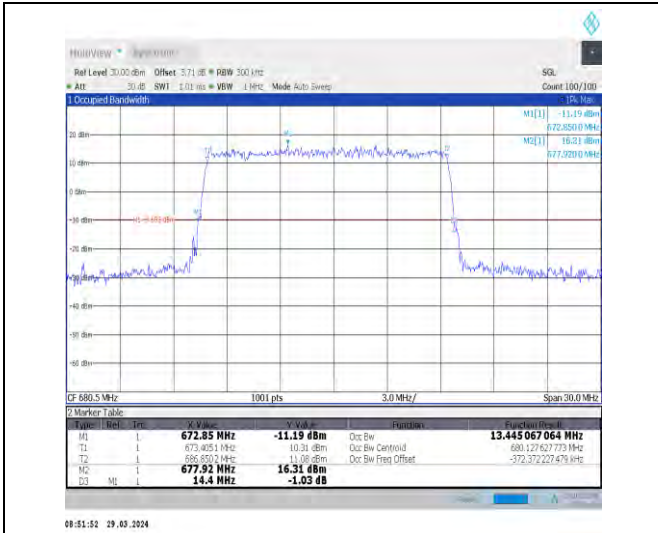
1-N71-15-15-M-2-DFT-PI2BPSK-Outer\_Full-75@0-A  
nt1-13.485-14.610-≤15-PASS



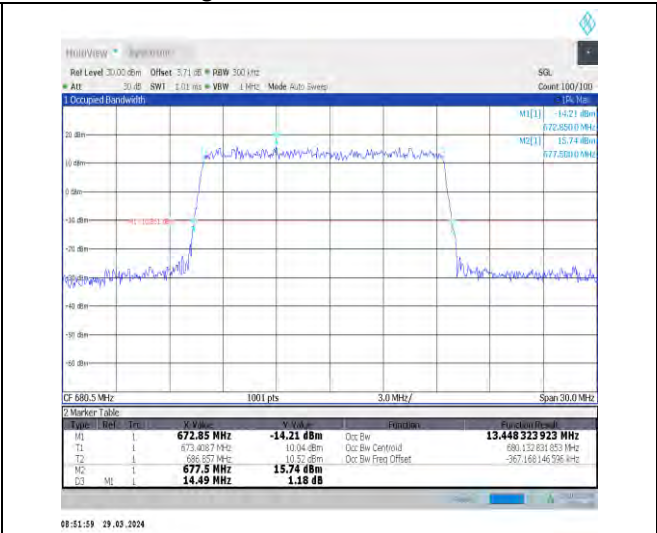
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

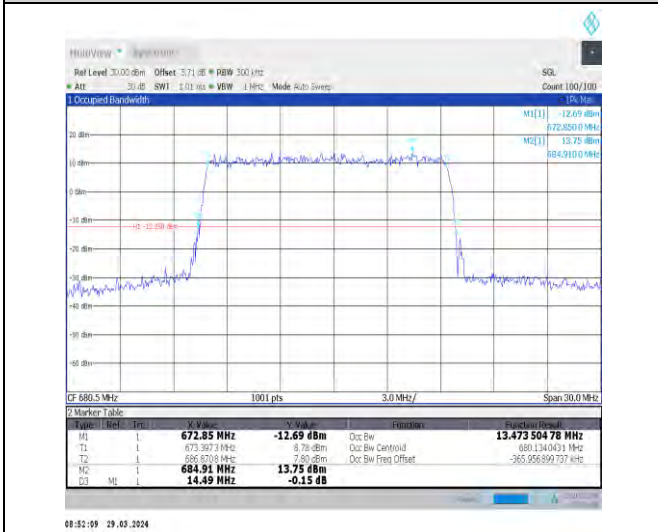
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N71-15-15-M-3-DFT-16QAM-Outer\_Full-75@0-Ant  
1-13.445-14.400-≤15-PASS



1-N71-15-15-M-4-DFT-64QAM-Outer\_Full-75@0-Ant  
1-13.448-14.490-≤15-PASS



1-N71-15-15-M-5-DFT-256QAM-Outer\_Full-75@0-A  
nt1-13.474-14.490-≤15-PASS



1-N71-15-15-M-6-CP-QPSK-Outer\_Full-79@0-Ant1  
14.153-15.090-≤15-PASS



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

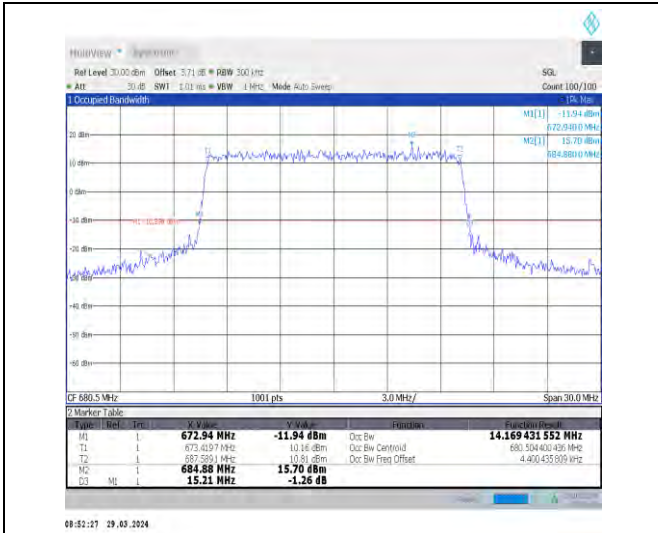
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

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

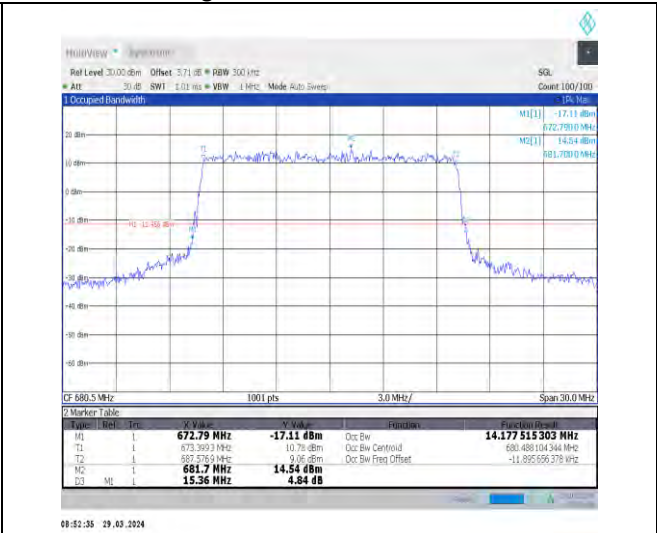
t (86-512) 62992980 www.sgs.com.cn

中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

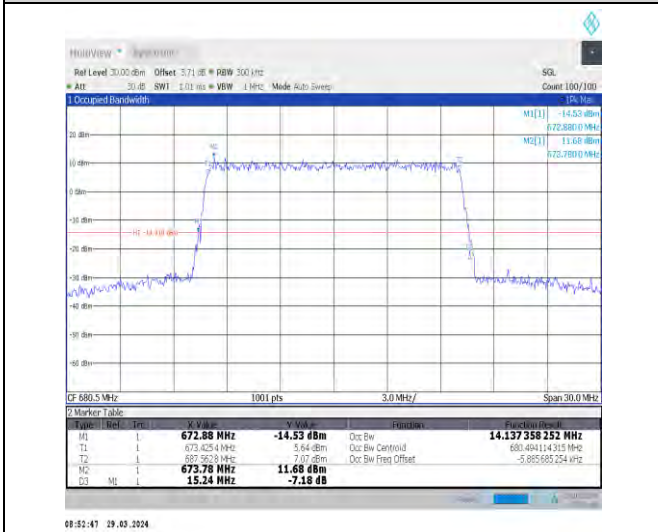
t (86-512) 62992980 sgs.china@sgs.com



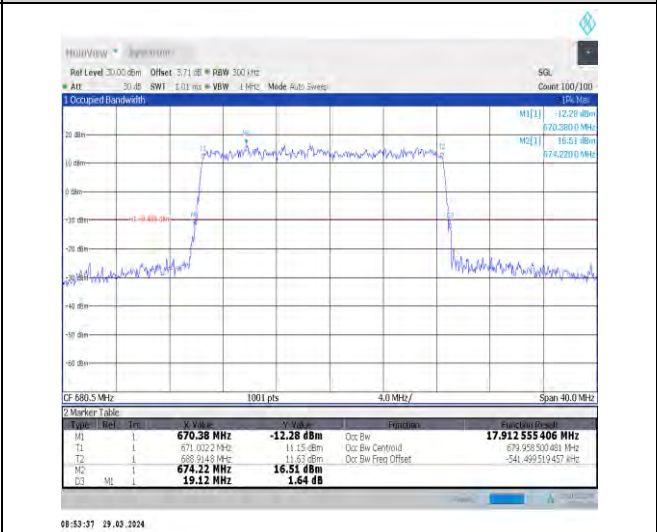
1-N71-15-15-M-7-CP-16QAM-Outer\_Full-79@0-Ant1  
-14.169-15.210-≤15-PASS



1-N71-15-15-M-8-CP-64QAM-Outer\_Full-79@0-Ant1  
1-14.178-15.360-≤15-PASS



1-N71-15-15-M-9-CP-256QAM-Outer\_Full-79@0-Ant1  
1-14.137-15.240-≤15-PASS



1-N71-15-20-M-1-DFT-QPSK-Outer\_Full-100@0-Ant1  
1-17.913-19.120-≤20-PASS



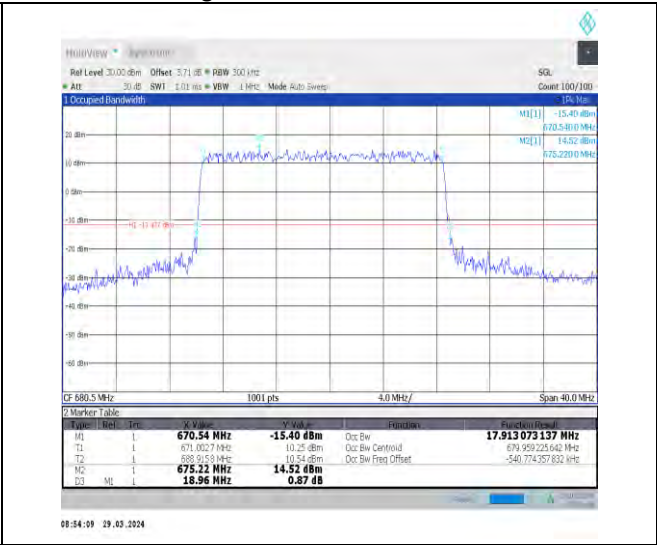
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

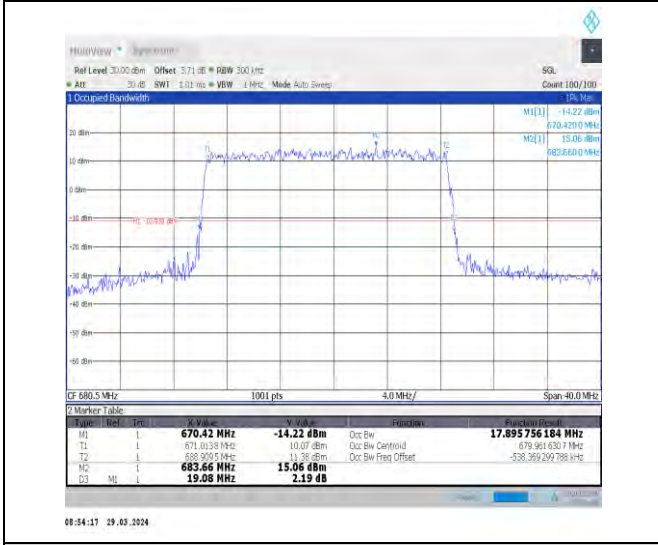
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



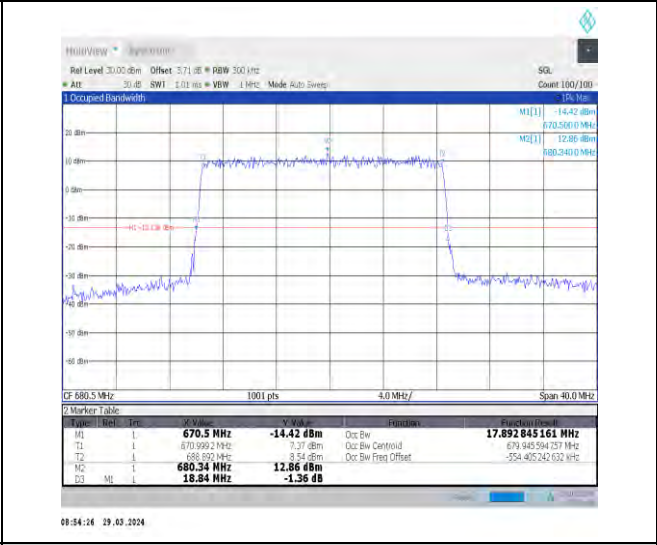
1-N71-15-20-M-2-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-17.923-18.840-≤20-PASS



1-N71-15-20-M-3-DFT-16QAM-Outer\_Full-100@0-Ant1-17.913-18.960-≤20-PASS



1-N71-15-20-M-4-DFT-64QAM-Outer\_Full-100@0-Ant1-17.896-19.080-≤20-PASS



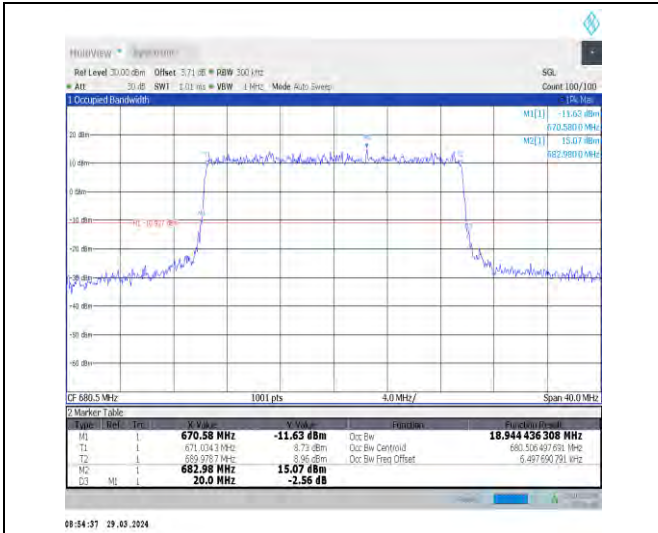
1-N71-15-20-M-5-DFT-256QAM-Outer\_Full-100@0-Ant1-17.893-18.840-≤20-PASS



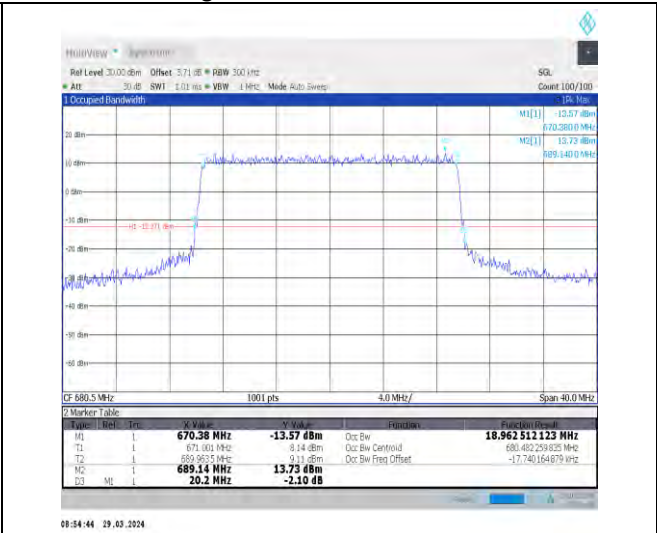
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

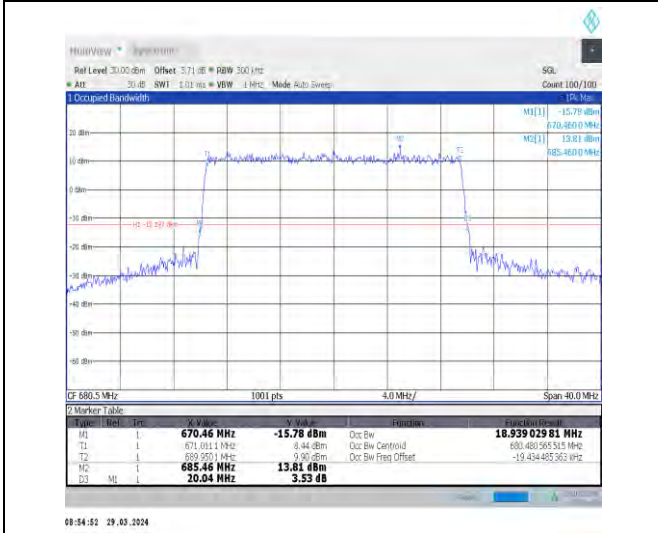
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



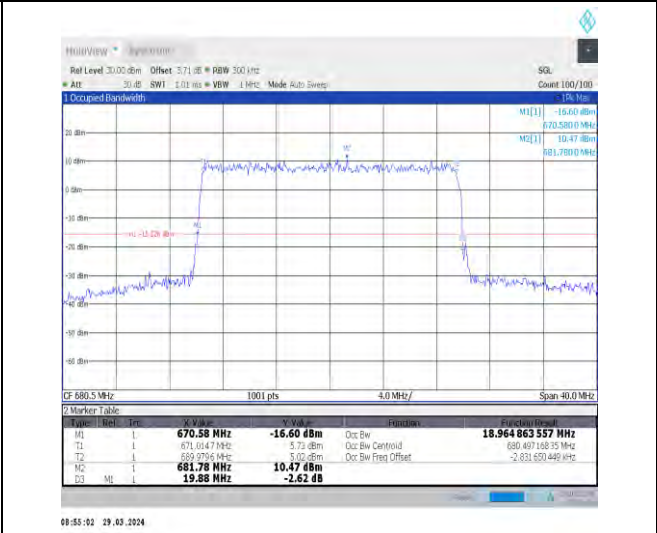
1-N71-15-20-M-6-CP-QPSK-Outer\_Full-106@0-Ant1  
-18.944-20.000-≤20-PASS



1-N71-15-20-M-7-CP-16QAM-Outer\_Full-106@0-Ant1  
t1-18.962-20.200-≤20-PASS



1-N71-15-20-M-8-CP-64QAM-Outer\_Full-106@0-Ant1  
1-18.939-20.040-≤20-PASS



1-N71-15-20-M-9-CP-256QAM-Outer\_Full-106@0-Ant1  
nt1-18.965-19.880-≤20-PASS



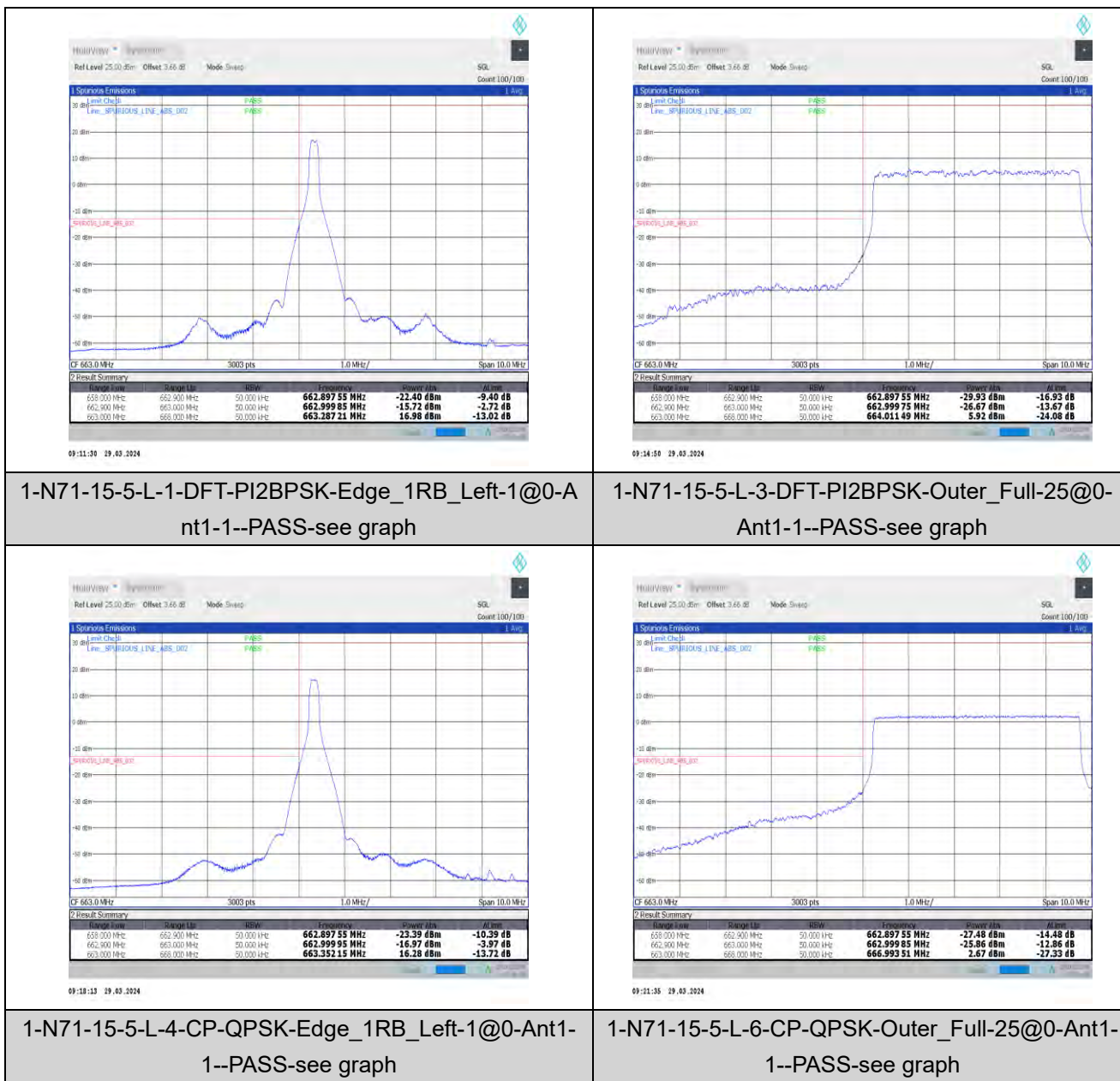
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

## Band Edge for SA

### Test Graphs



1-N71-15-5-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-A  
 nt1-1--PASS-see graph

1-N71-15-5-L-3-DFT-PI2BPSK-Outer\_Full-25@0-  
 Ant1-1--PASS-see graph

1-N71-15-5-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-  
 1--PASS-see graph

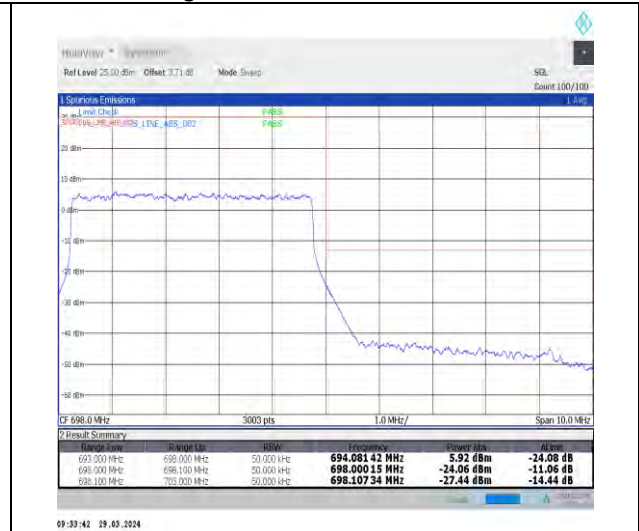
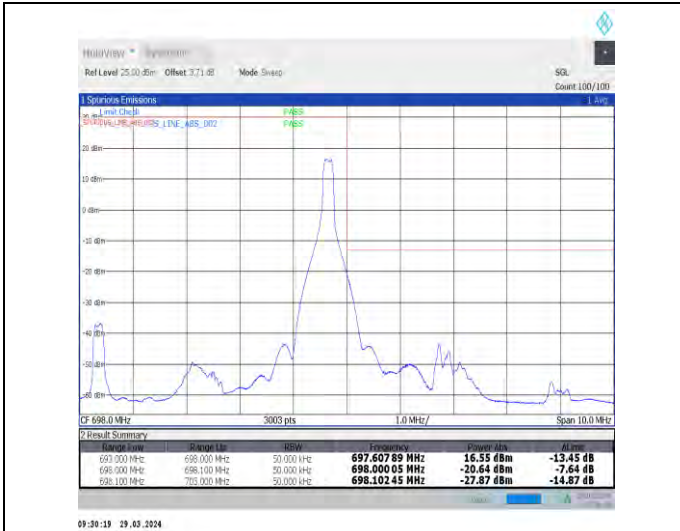
1-N71-15-5-L-6-CP-QPSK-Outer\_Full-25@0-Ant1-  
 1--PASS-see graph



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

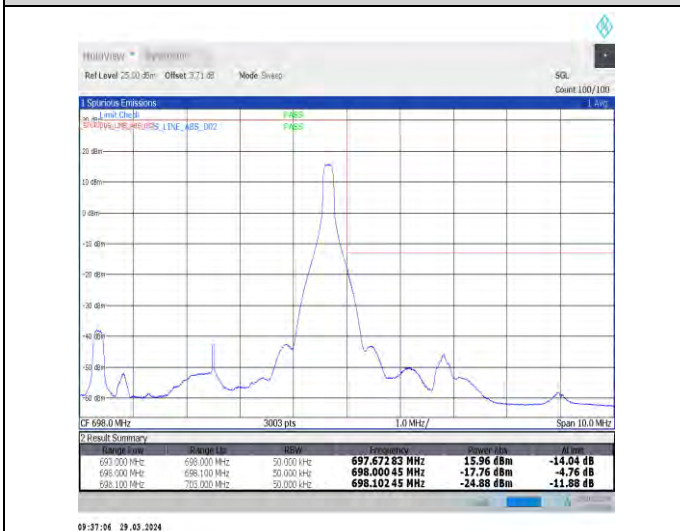
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



1-N71-15-5-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@2  
4-Ant1-1--PASS-see graph

1-N71-15-5-H-3-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-1--PASS-see graph



1-N71-15-5-H-5-CP-QPSK-Edge\_1RB\_Right-1@24-Ant1-1--PASS-see graph

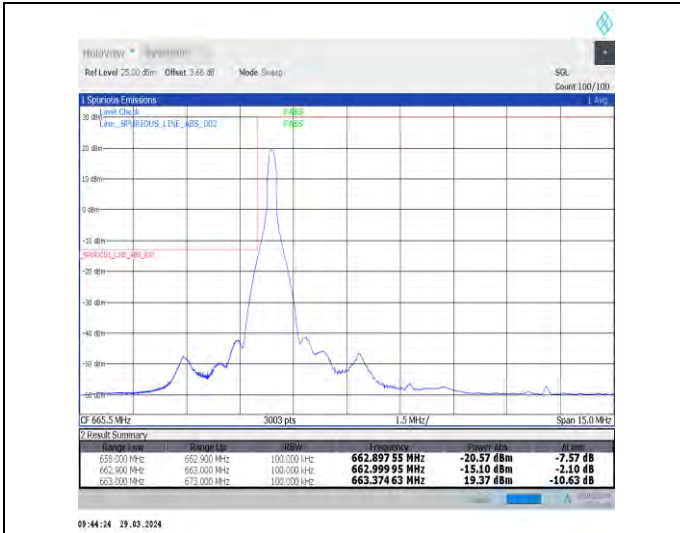
1-N71-15-5-H-6-CP-QPSK-Outer\_Full-25@0-Ant1-1--PASS-see graph



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

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

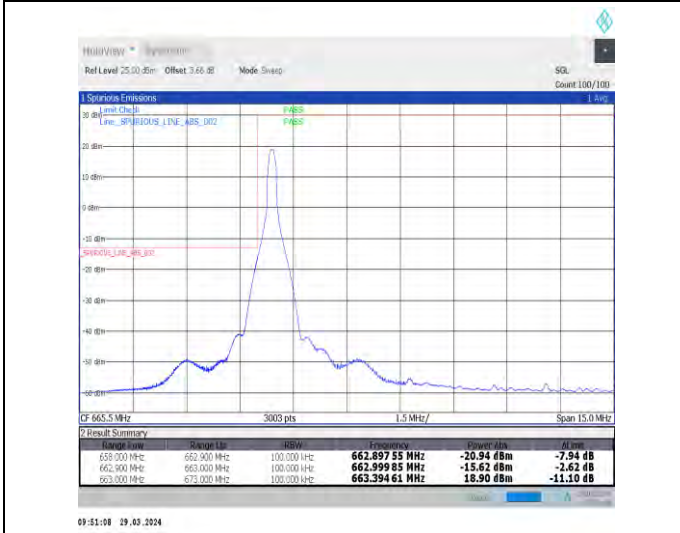
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn  
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N71-15-10-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



1-N71-15-10-L-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-1--PASS-see graph



1-N71-15-10-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



1-N71-15-10-L-6-CP-QPSK-Outer\_Full-52@0-Ant1-1--PASS-see graph

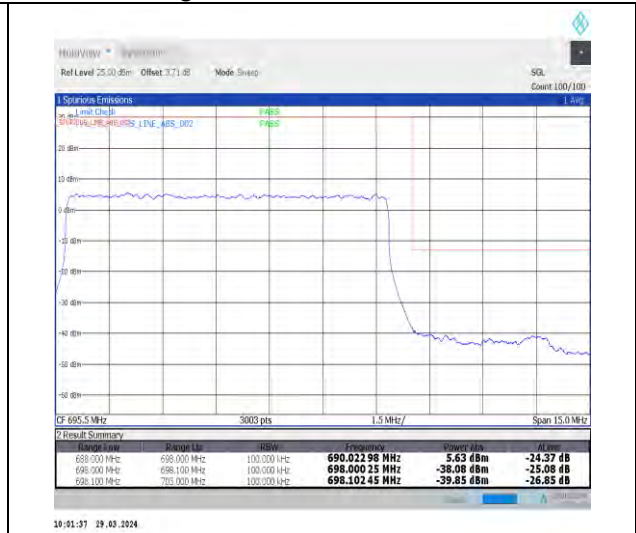
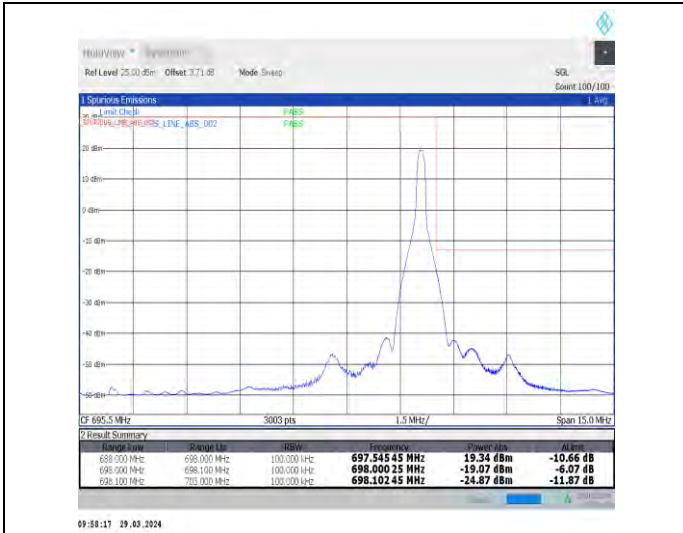


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

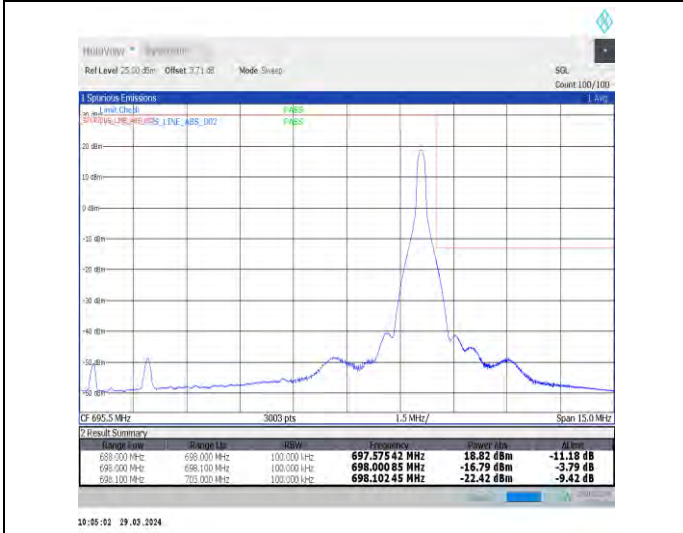
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com





1-N71-15-10-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@51-Ant1-1--PASS-see graph

1-N71-15-10-H-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-1--PASS-see graph



1-N71-15-10-H-5-CP-QPSK-Edge\_1RB\_Right-1@51-Ant1-1--PASS-see graph

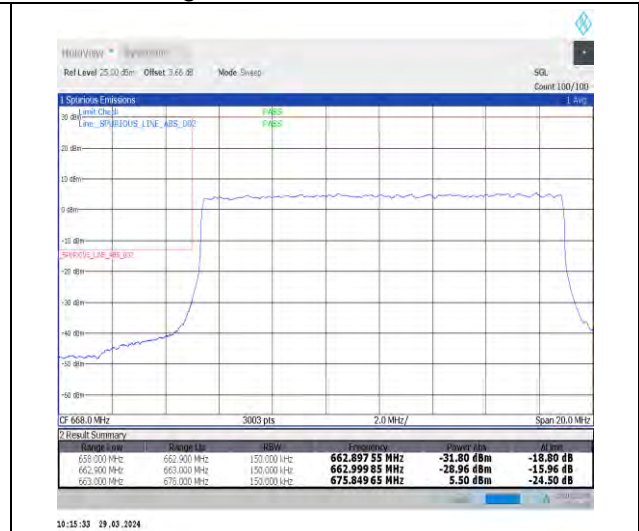
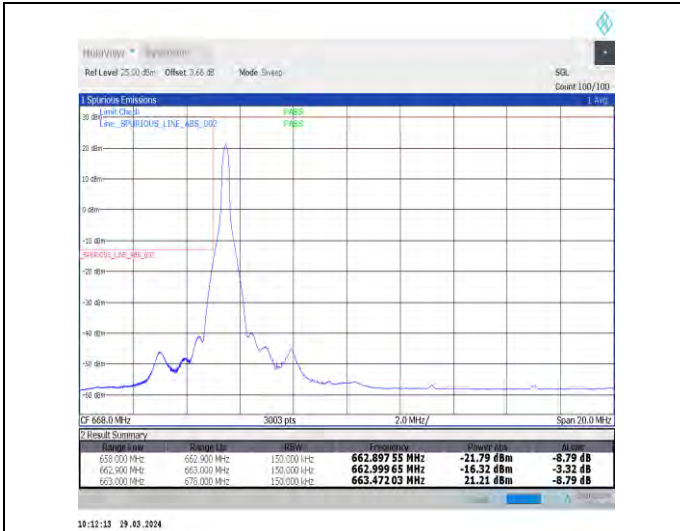
1-N71-15-10-H-6-CP-QPSK-Outer\_Full-52@0-Ant1-1--PASS-see graph



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

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

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



1-N71-15-15-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N71-15-15-L-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-1--PASS-see graph



1-N71-15-15-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N71-15-15-L-6-CP-QPSK-Outer\_Full-79@0-Ant1-1--PASS-see graph



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

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

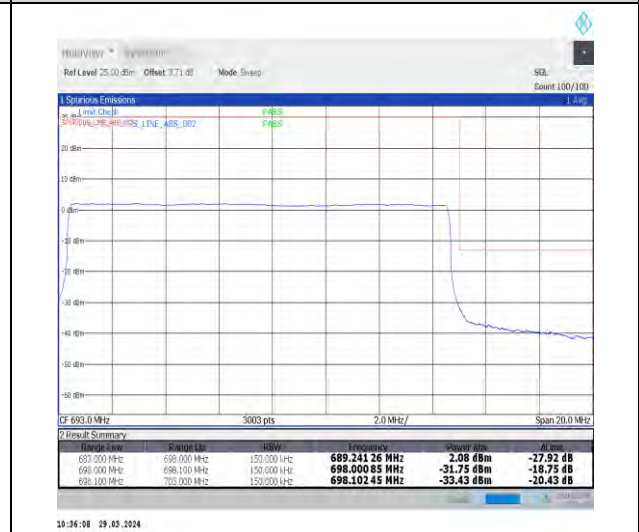
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



1-N71-15-15-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@78-Ant1-1--PASS-see graph

1-N71-15-15-H-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-1--PASS-see graph



1-N71-15-15-H-5-CP-QPSK-Edge\_1RB\_Right-1@78-Ant1-1--PASS-see graph

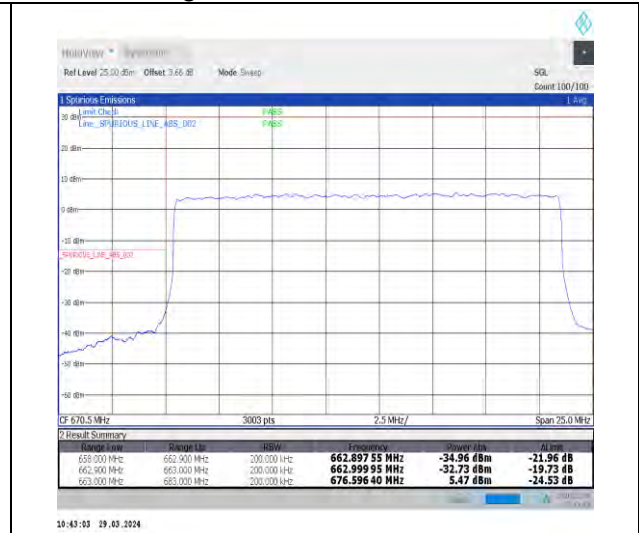
1-N71-15-15-H-6-CP-QPSK-Outer\_Full-79@0-Ant1-1--PASS-see graph



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

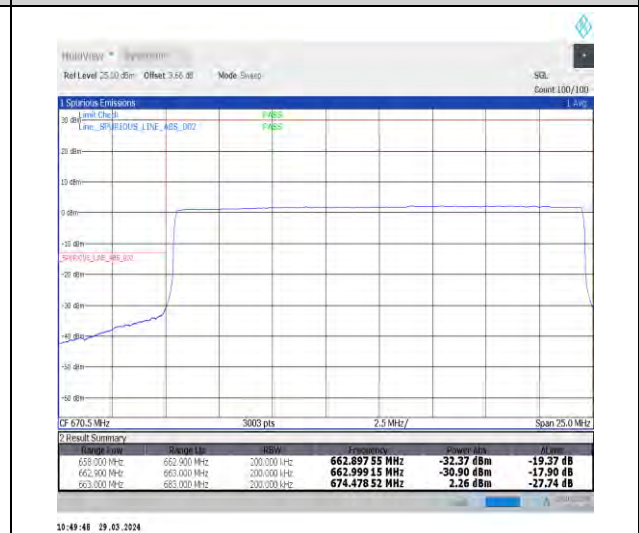
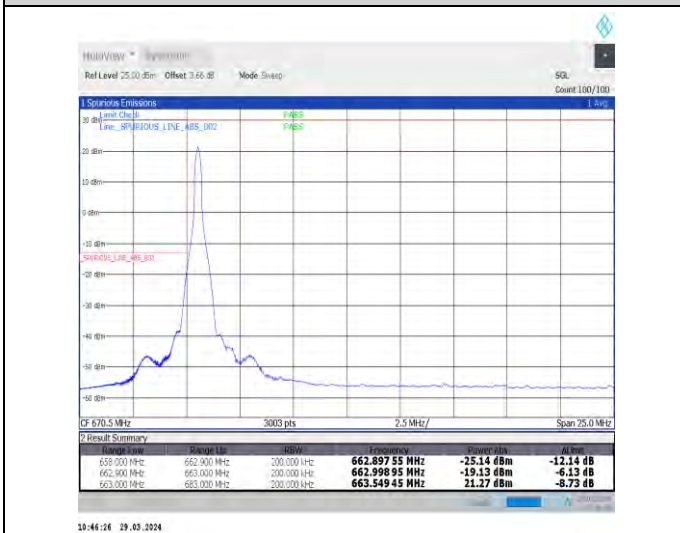
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN\_Doccheck@sgs.com

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



1-N71-15-20-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N71-15-20-L-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-1--PASS-see graph



1-N71-15-20-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

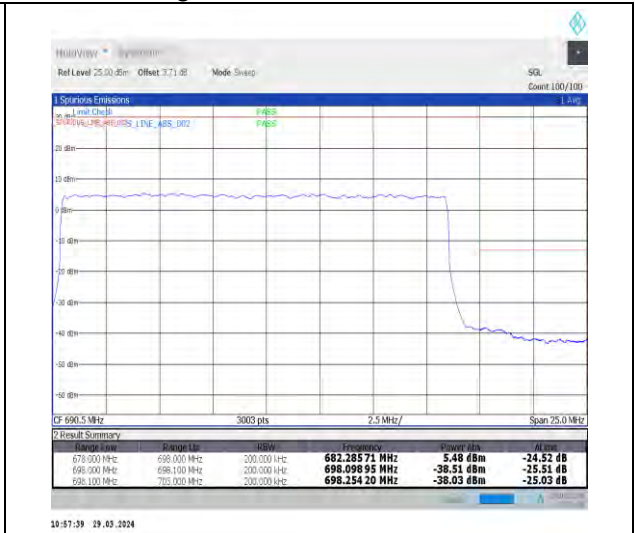
1-N71-15-20-L-6-CP-QPSK-Outer\_Full-106@0-Ant1-1--PASS-see graph



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

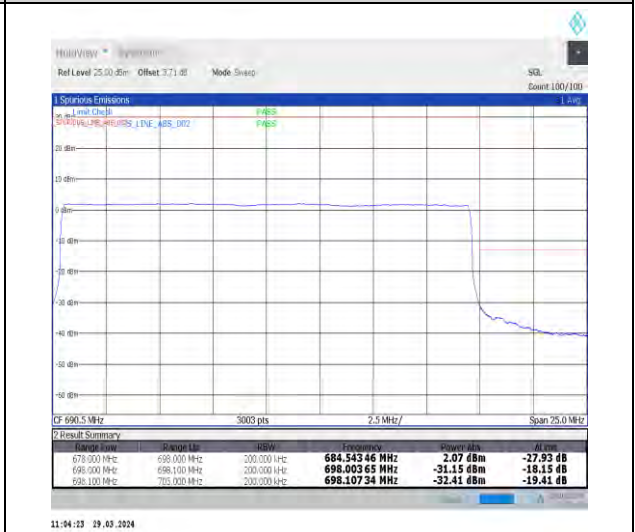
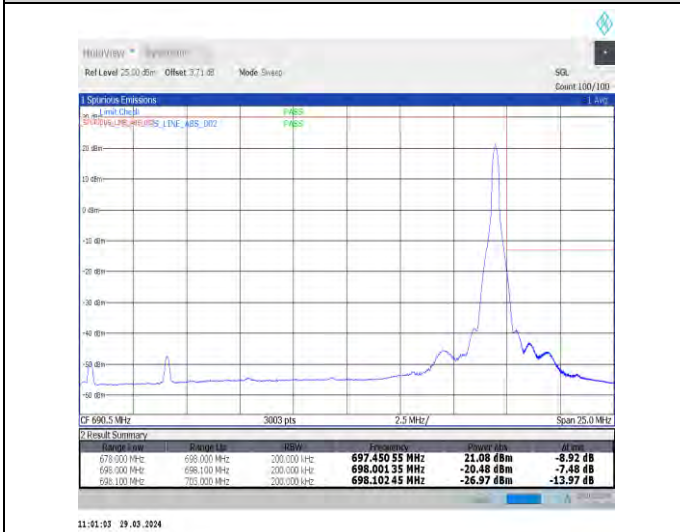
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 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6号厂房南楼 邮编: 215000 t (86-512) 62982980 sgs.china@sgs.com



1-N71-15-20-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@105-Ant1-1--PASS-see graph

1-N71-15-20-H-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-1--PASS-see graph



1-N71-15-20-H-5-CP-QPSK-Edge\_1RB\_Right-1@105-Ant1-1--PASS-see graph

1-N71-15-20-H-6-CP-QPSK-Outer\_Full-106@0-Ant1-1--PASS-see graph



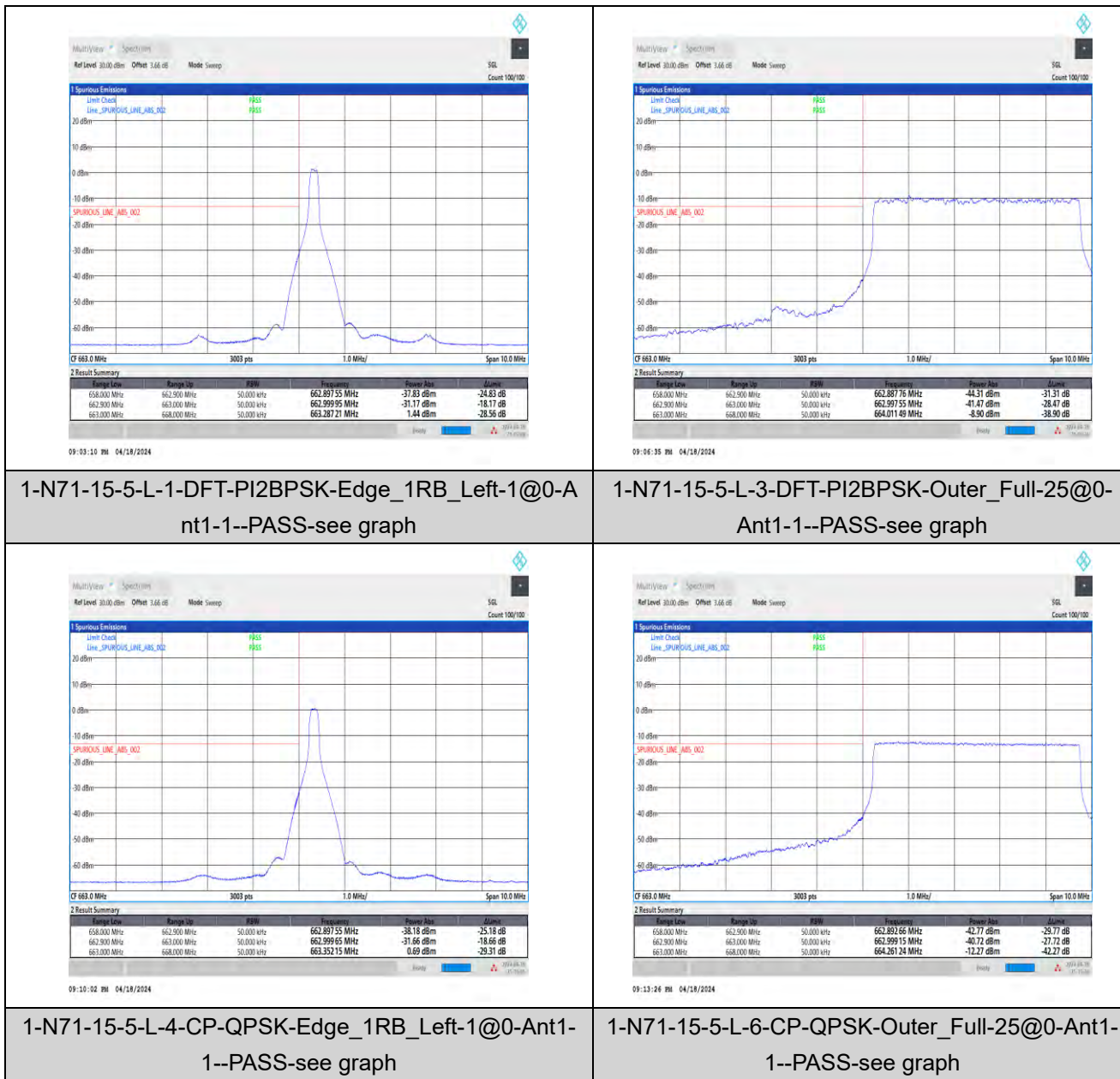
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

## Band Edge for MIMO ANT1

### Test Graphs



1-N71-15-5-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-A  
 nt1-1--PASS-see graph

1-N71-15-5-L-3-DFT-PI2BPSK-Outer\_Full-25@0-  
 Ant1-1--PASS-see graph

1-N71-15-5-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-  
 1--PASS-see graph

1-N71-15-5-L-6-CP-QPSK-Outer\_Full-25@0-Ant1-  
 1--PASS-see graph



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

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

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



1-N71-15-5-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@2  
4-Ant1-1--PASS-see graph



1-N71-15-5-H-3-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-1--PASS-see graph



1-N71-15-5-H-5-CP-QPSK-Edge\_1RB\_Right-1@24-Ant1-1--PASS-see graph



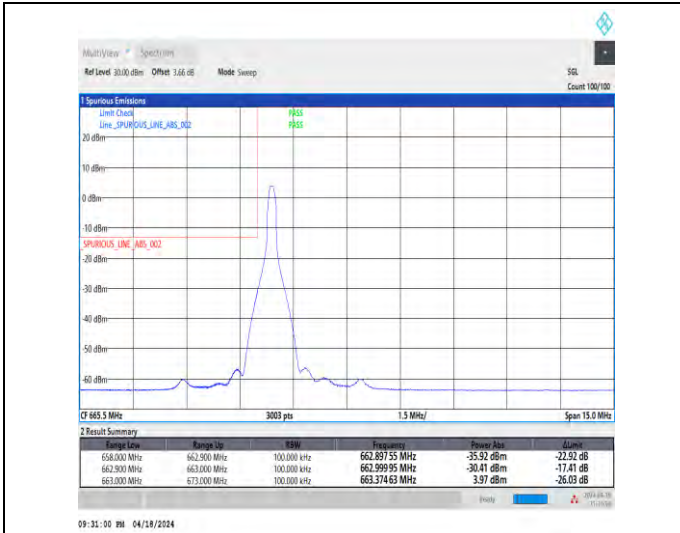
1-N71-15-5-H-6-CP-QPSK-Outer\_Full-25@0-Ant1-1--PASS-see graph



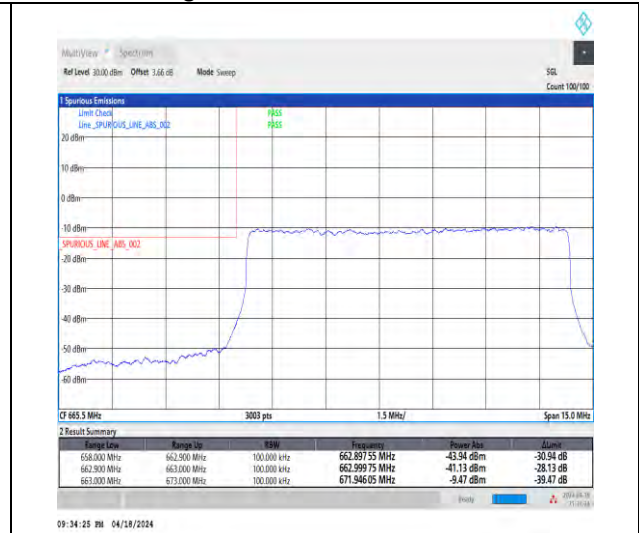
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

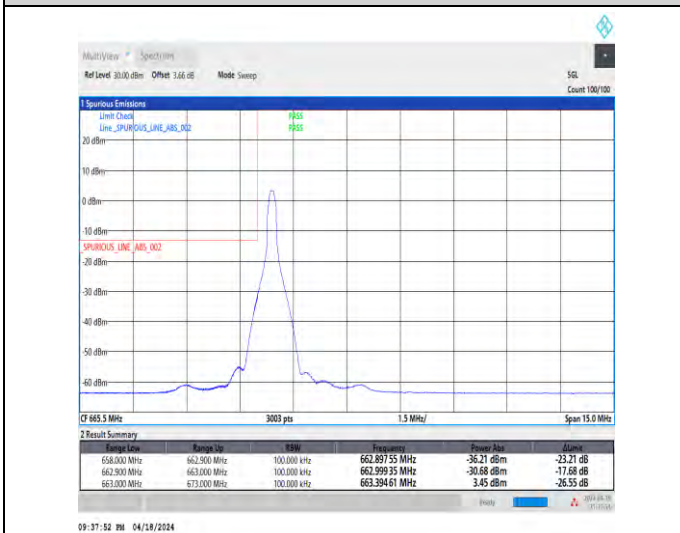
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn  
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



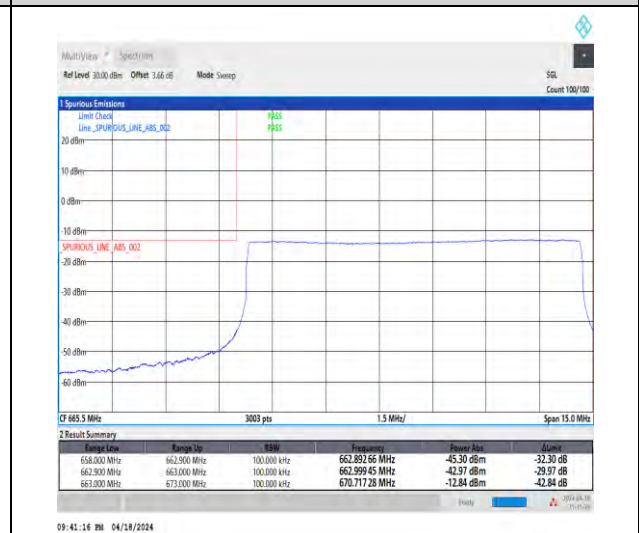
1-N71-15-10-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



1-N71-15-10-L-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-1--PASS-see graph



1-N71-15-10-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



1-N71-15-10-L-6-CP-QPSK-Outer\_Full-52@0-Ant1-1--PASS-see graph



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

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

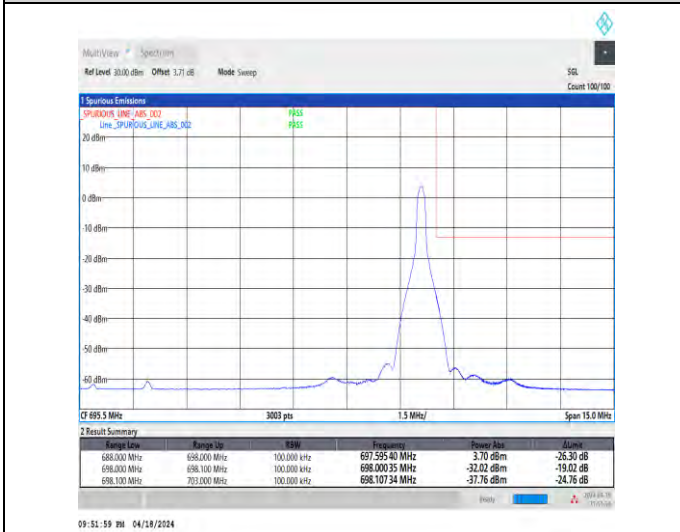
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62982980 www.sgsgroup.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62982980 sgs.china@sgs.com





1-N71-15-10-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@51-Ant1-1--PASS-see graph

1-N71-15-10-H-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-1--PASS-see graph



1-N71-15-10-H-5-CP-QPSK-Edge\_1RB\_Right-1@51-Ant1-1--PASS-see graph

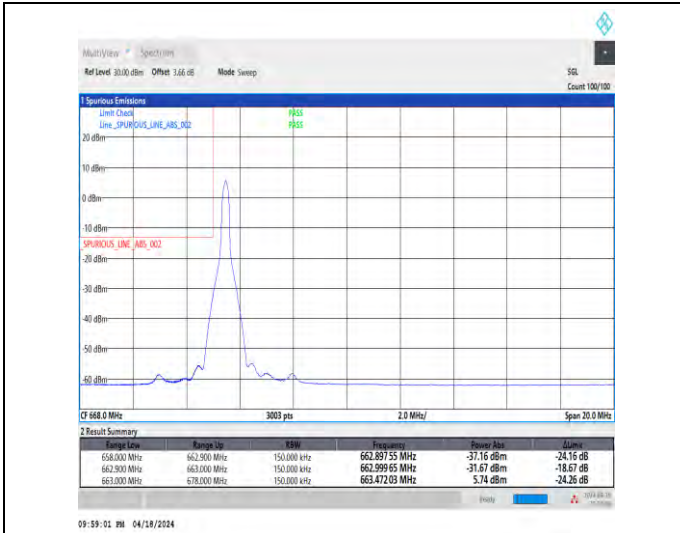
1-N71-15-10-H-6-CP-QPSK-Outer\_Full-52@0-Ant1-1--PASS-see graph



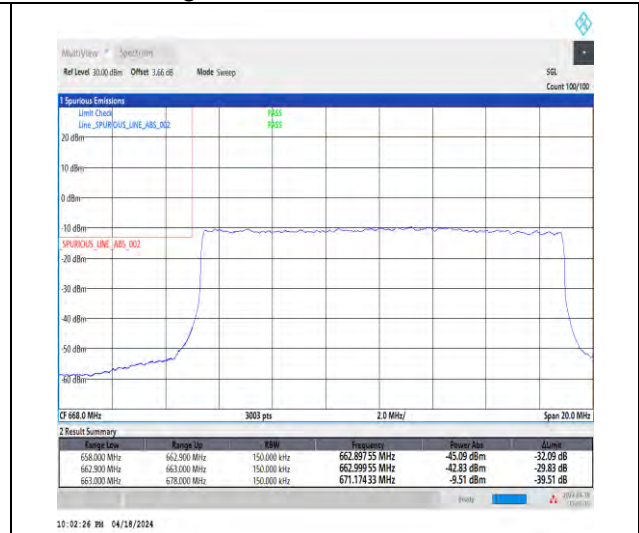
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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



1-N71-15-15-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



1-N71-15-15-L-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-1--PASS-see graph



1-N71-15-15-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



1-N71-15-15-L-6-CP-QPSK-Outer\_Full-79@0-Ant1-1--PASS-see graph



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62982980 www.sgsgroup.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62982980 sgs.china@sgs.com



1-N71-15-15-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@78-Ant1-1--PASS-see graph



1-N71-15-15-H-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-1--PASS-see graph



1-N71-15-15-H-5-CP-QPSK-Edge\_1RB\_Right-1@78-Ant1-1--PASS-see graph



1-N71-15-15-H-6-CP-QPSK-Outer\_Full-79@0-Ant1-1--PASS-see graph



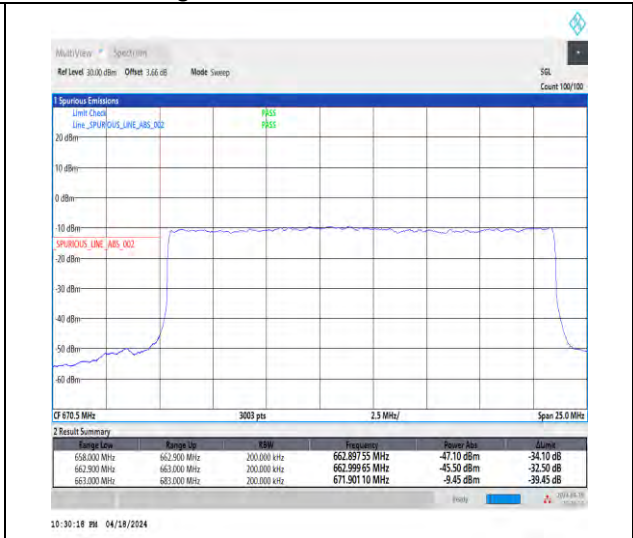
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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



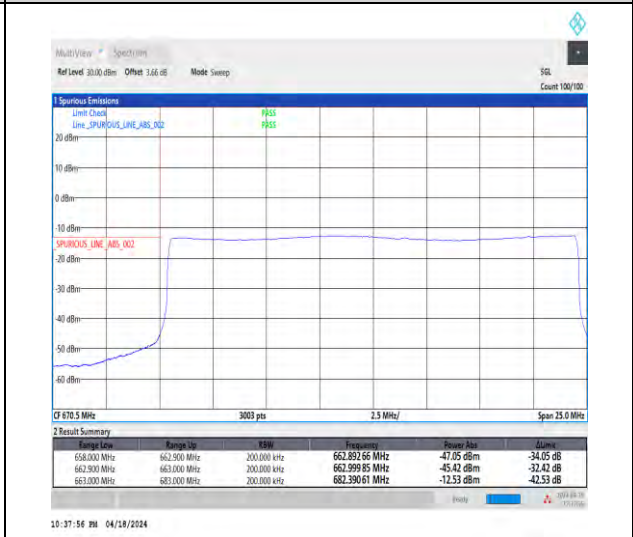
1-N71-15-20-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



1-N71-15-20-L-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-1--PASS-see graph



1-N71-15-20-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



1-N71-15-20-L-6-CP-QPSK-Outer\_Full-106@0-Ant1-1--PASS-see graph



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

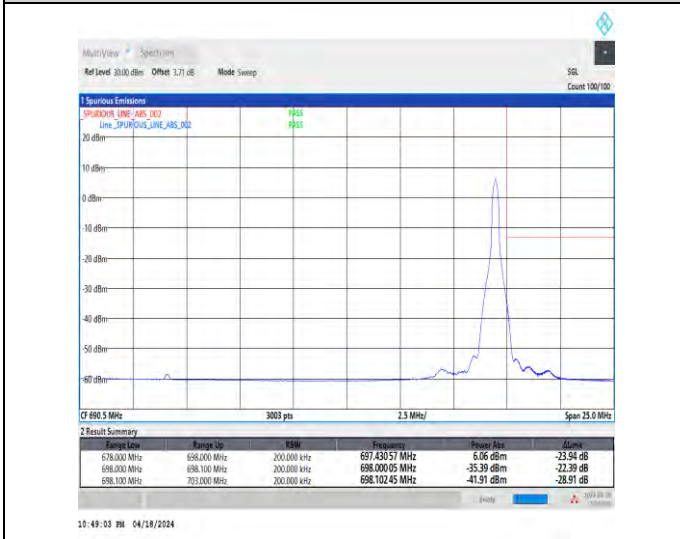
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62982980 www.sgsgroup.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62982980 sgs.china@sgs.com



1-N71-15-20-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@105-Ant1-1--PASS-see graph

1-N71-15-20-H-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-1--PASS-see graph



1-N71-15-20-H-5-CP-QPSK-Edge\_1RB\_Right-1@105-Ant1-1--PASS-see graph

1-N71-15-20-H-6-CP-QPSK-Outer\_Full-106@0-Ant1-1--PASS-see graph



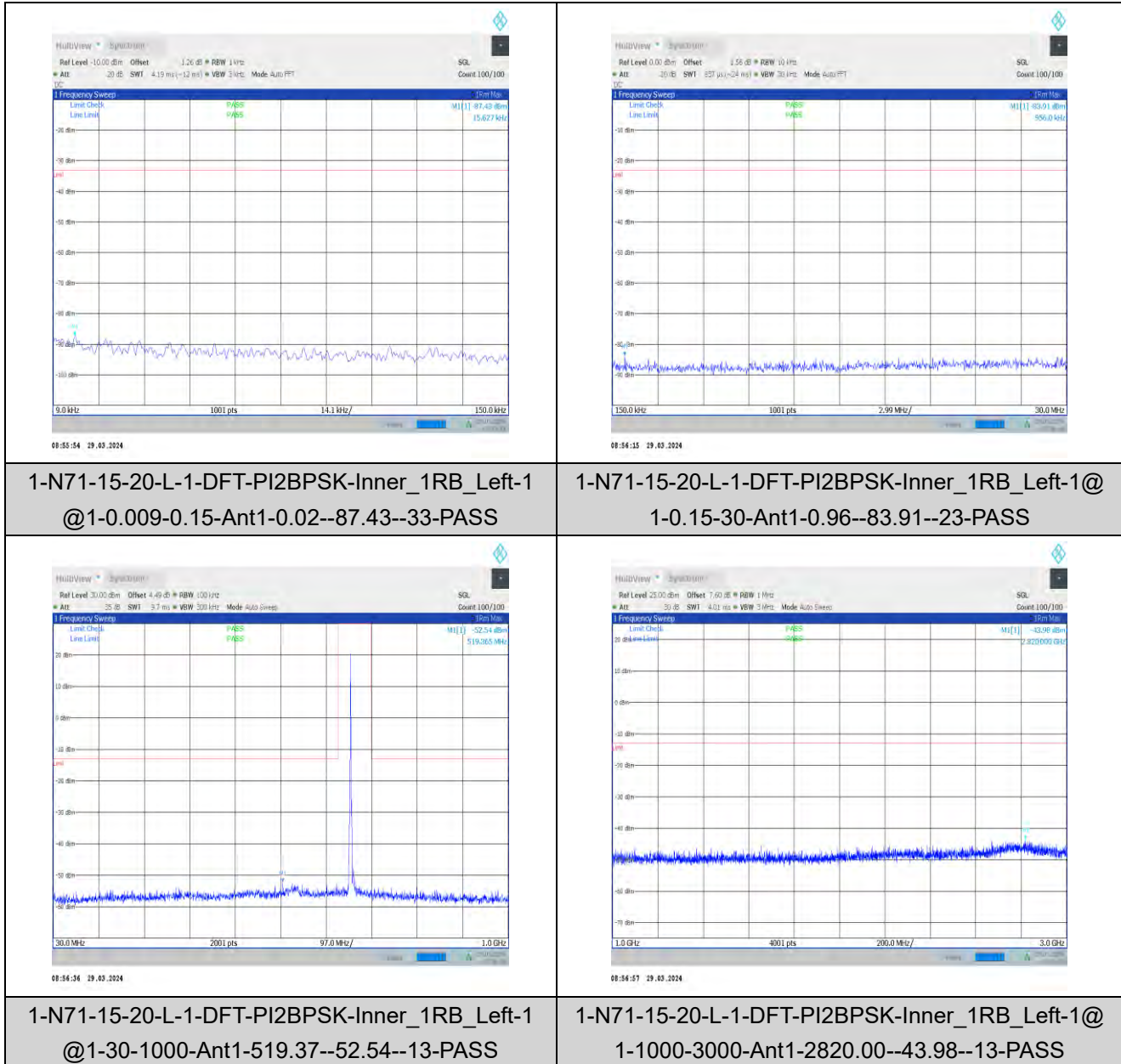
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

## Conducted Spurious Emission for SA

### Test Graphs



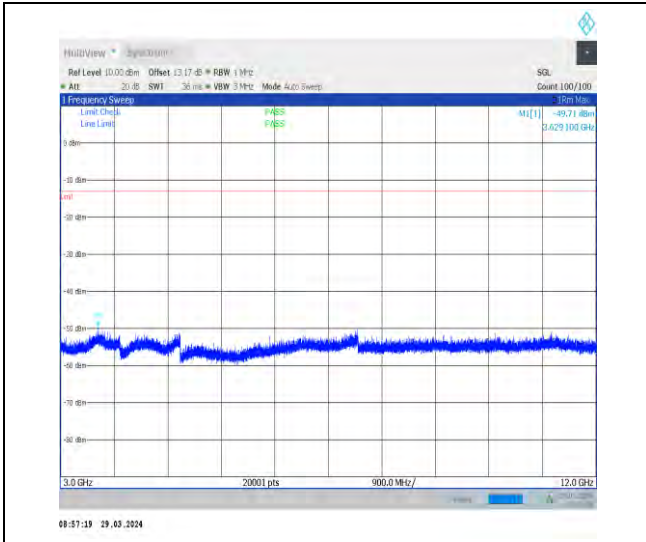
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

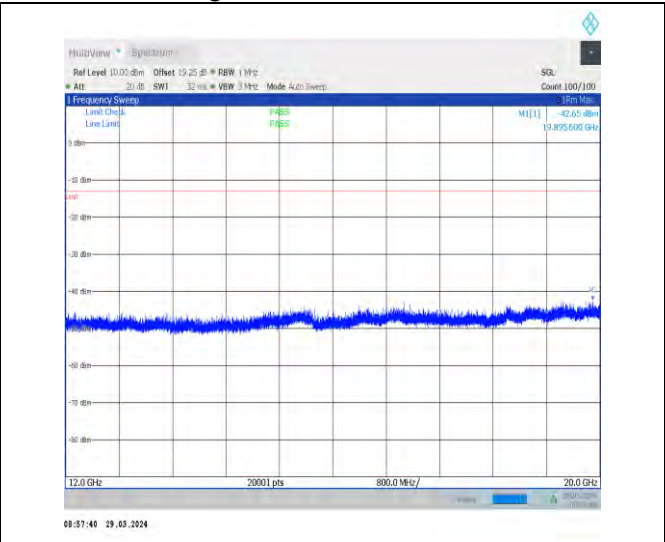
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

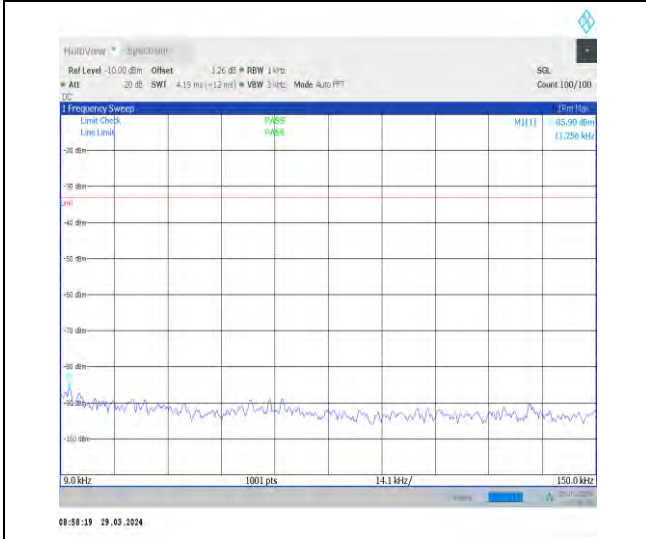
Member of the SGS Group (SGS SA)



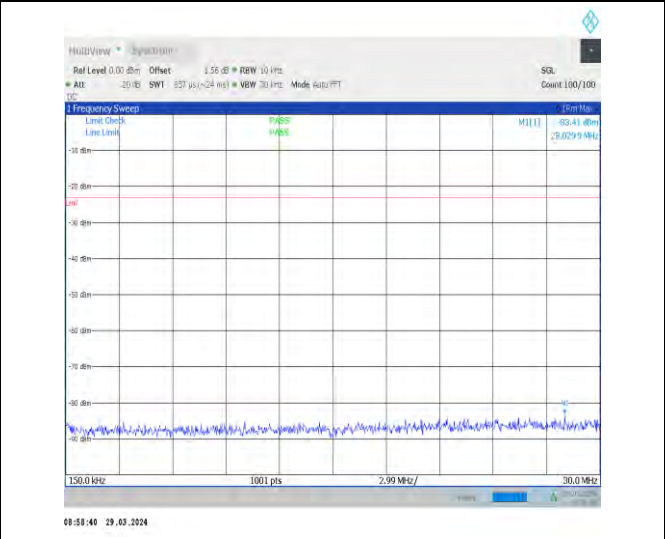
1-N71-15-20-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1 @ 1-3000-12000-Ant1-3629.10--49.71--13-PASS



1-N71-15-20-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1 @ 1-12000-20000-Ant1-19895.60--42.65--13-PASS



1-N71-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1 @ 1-0.009-0.15-Ant1-0.01--85.90--33-PASS



1-N71-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1 @ 1-0.15-30-Ant1-28.03--83.41--23-PASS

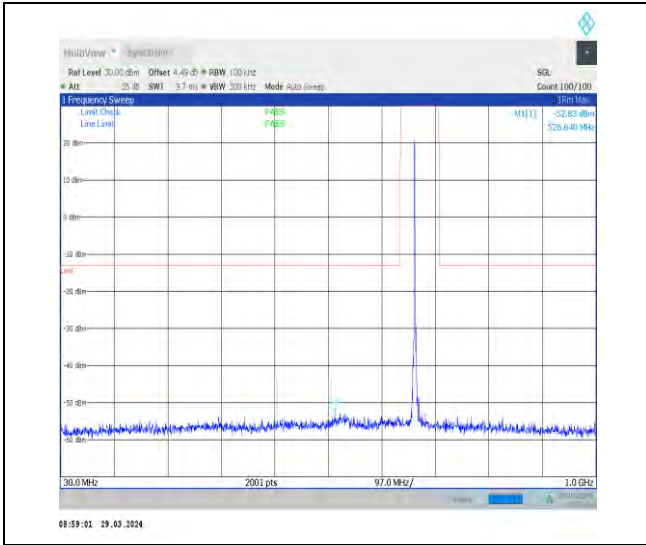


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

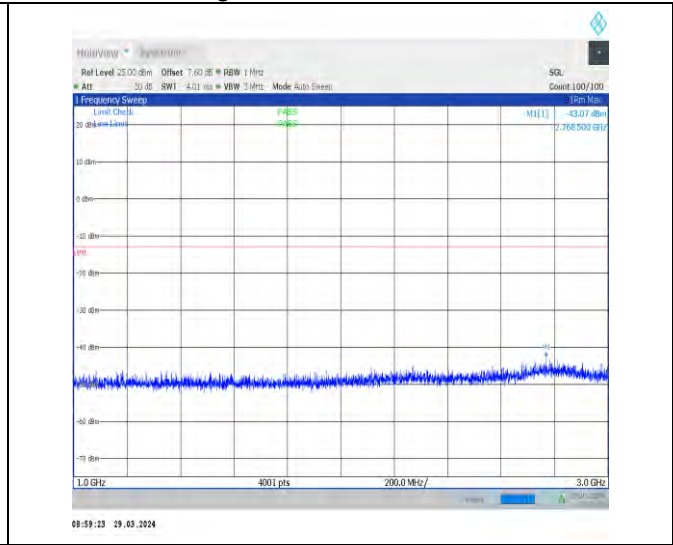
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

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

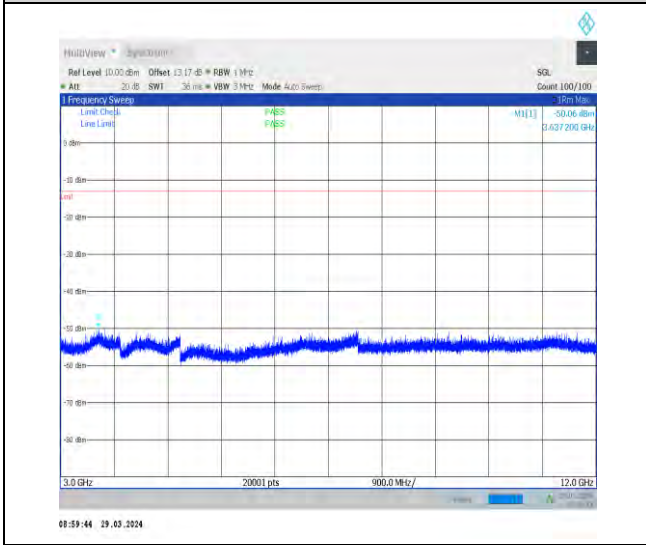
t (86-512) 62992980 www.sgs.com.cn  
 t (86-512) 62992980 sgs.china@sgs.com



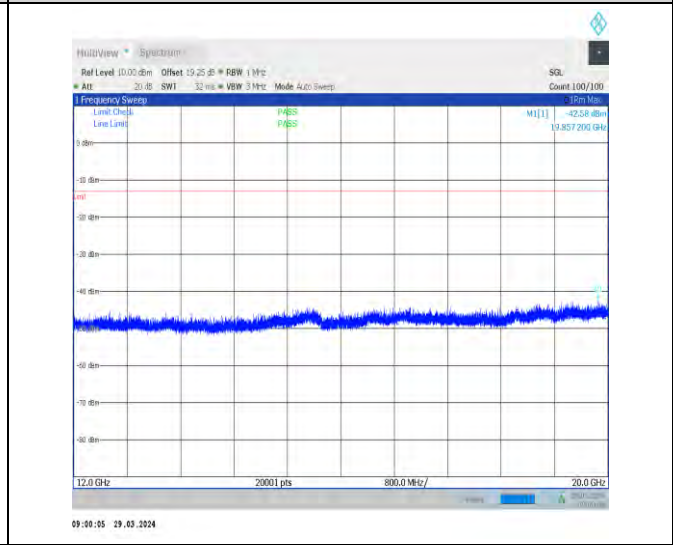
1-N71-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1  
@1-30-1000-Ant1-526.64--52.83--13-PASS



1-N71-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-1000-3000-Ant1-2768.50--43.07--13-PASS



1-N71-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1  
@1-3000-12000-Ant1-3637.20--50.06--13-PASS



1-N71-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-12000-20000-Ant1-19857.20--42.58--13-PASS



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

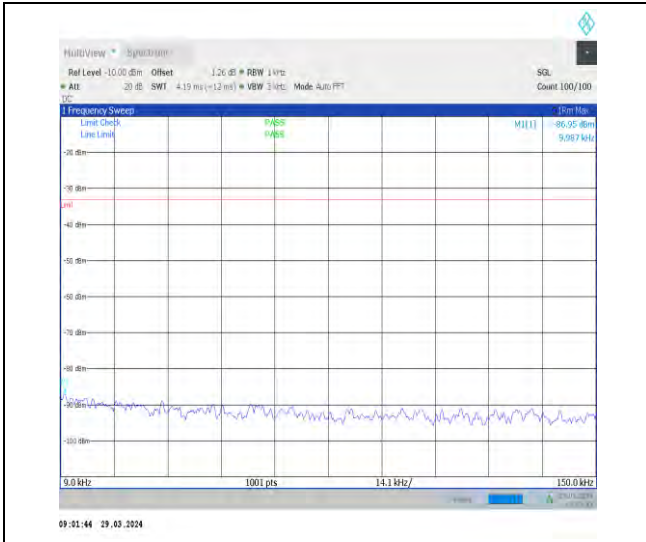
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN\\_Doccheck@sgs.com](mailto:CN_Doccheck@sgs.com)

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

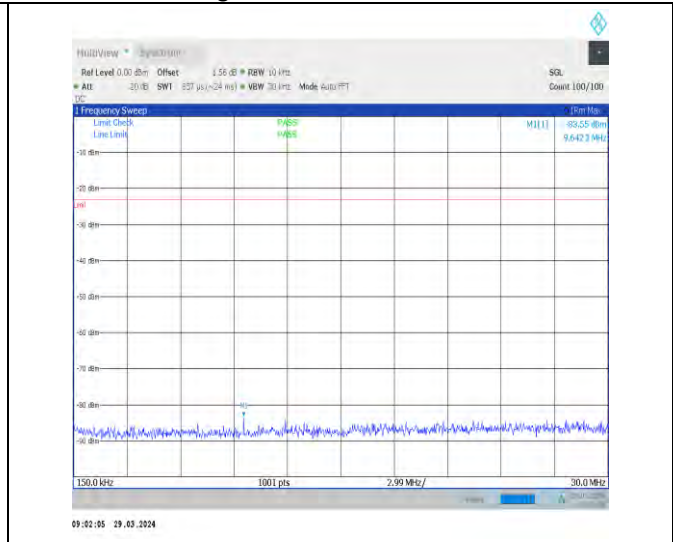
t (86-512) 62992980 www.sgs.com.cn  
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

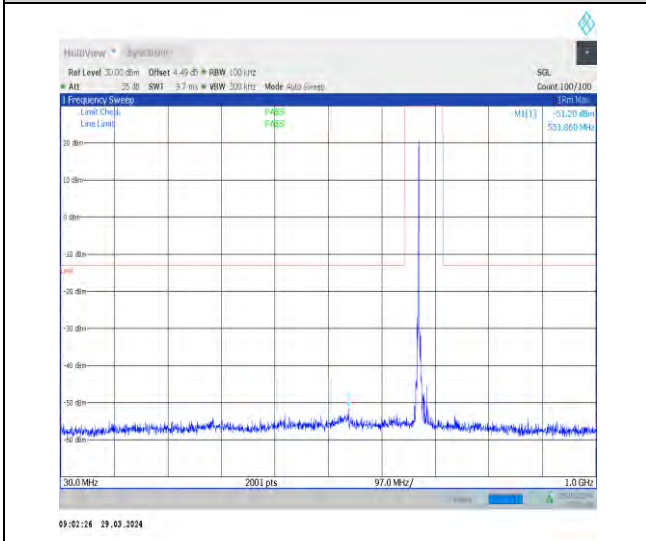




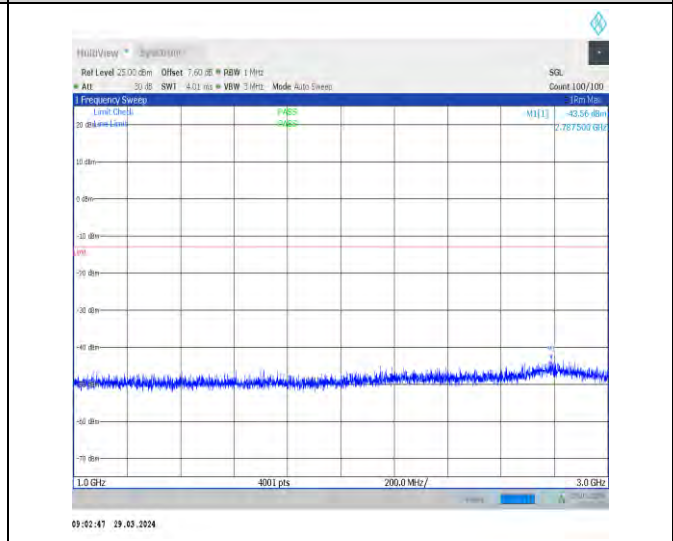
1-N71-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1 @1-0.009-0.15-Ant1-0.01--86.95--33-PASS



1-N71-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@ 1-0.15-30-Ant1-9.64--83.55--23-PASS



1-N71-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1 @1-30-1000-Ant1-551.86--51.20--13-PASS



1-N71-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@ 1-1000-3000-Ant1-2787.50--43.56--13-PASS



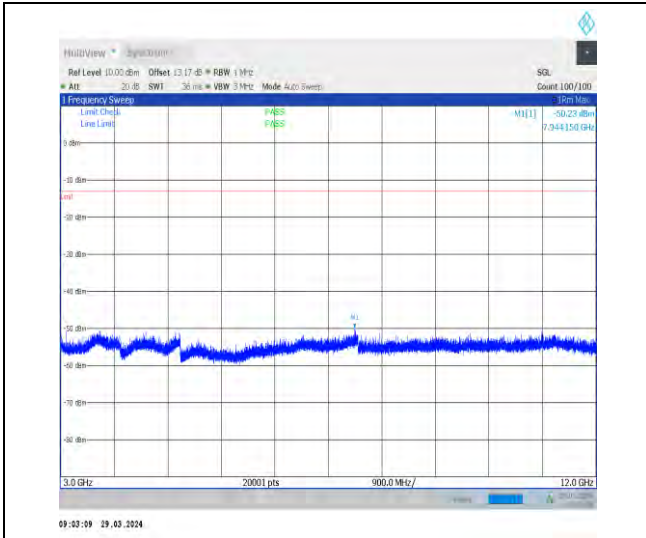
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

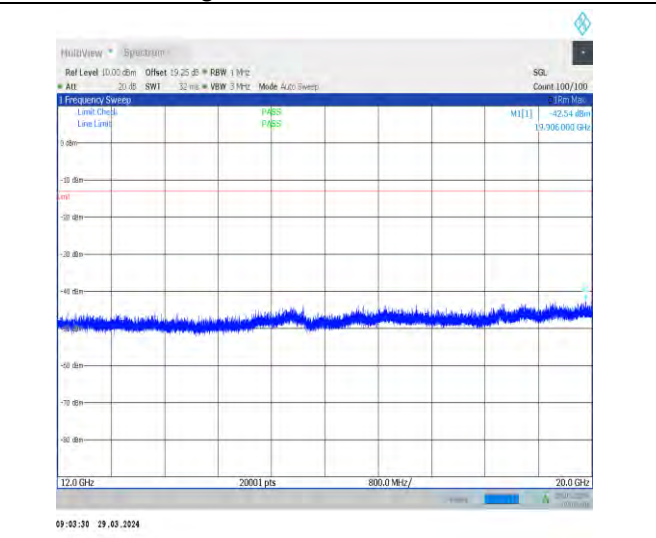
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号厂房南楼 邮编: 215000

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

Member of the SGS Group (SGS SA)



1-N71-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1  
@1-3000-12000-Ant1-7944.15--50.23--13-PASS



1-N71-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-12000-20000-Ant1-19906.00--42.54--13-PASS

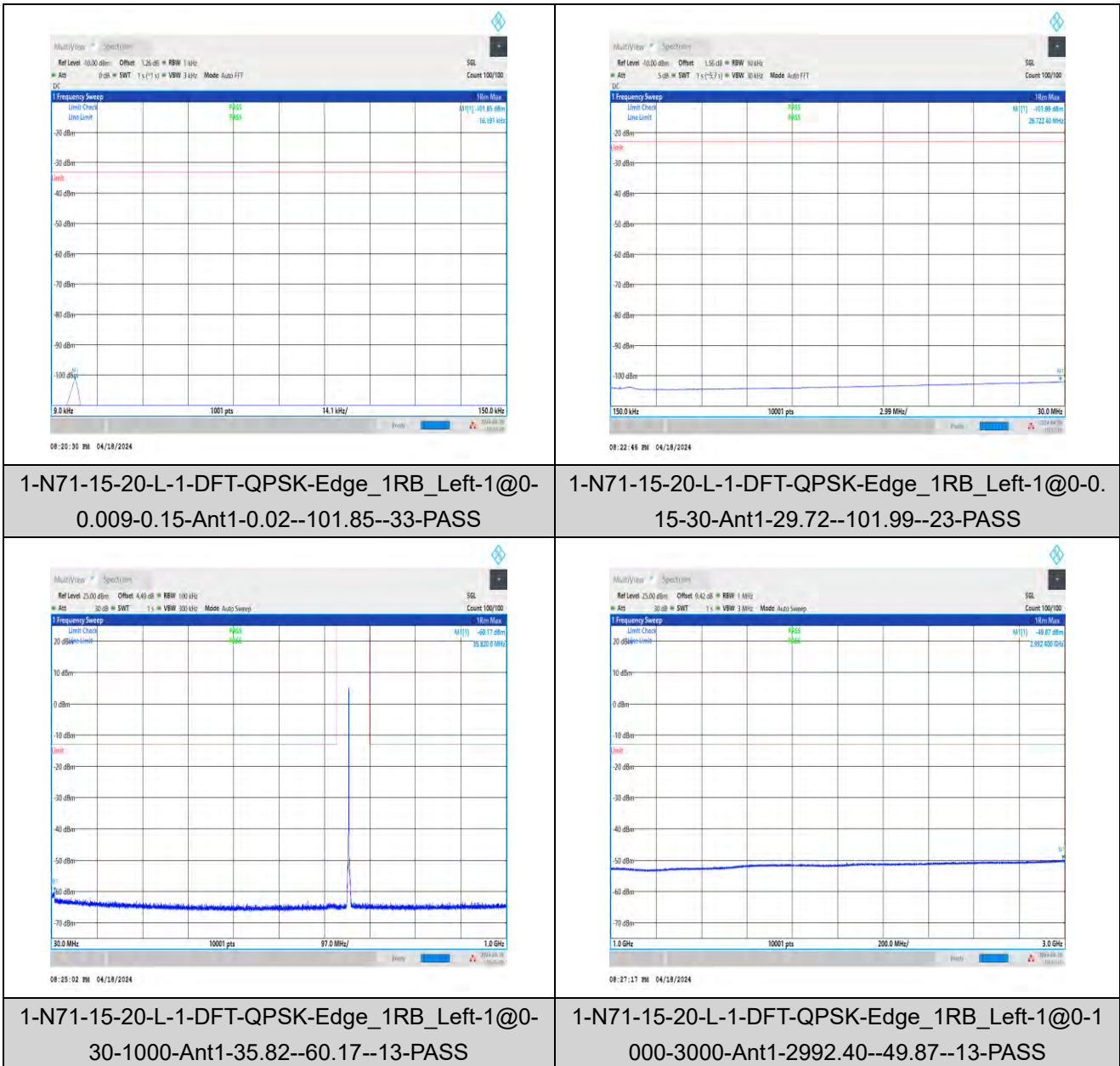


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

## Conducted Spurious Emission for MIMO ANT1

### Test Graphs



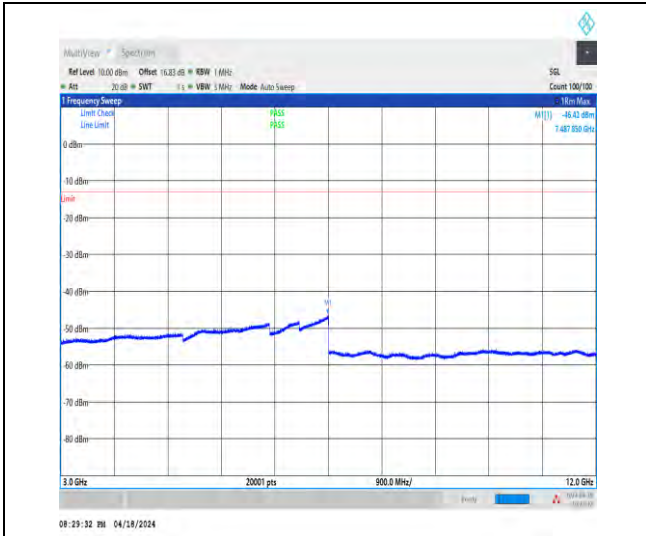
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

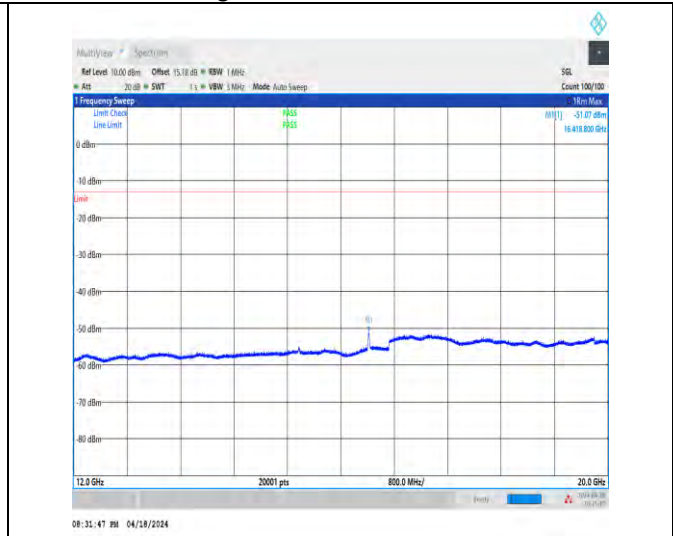
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

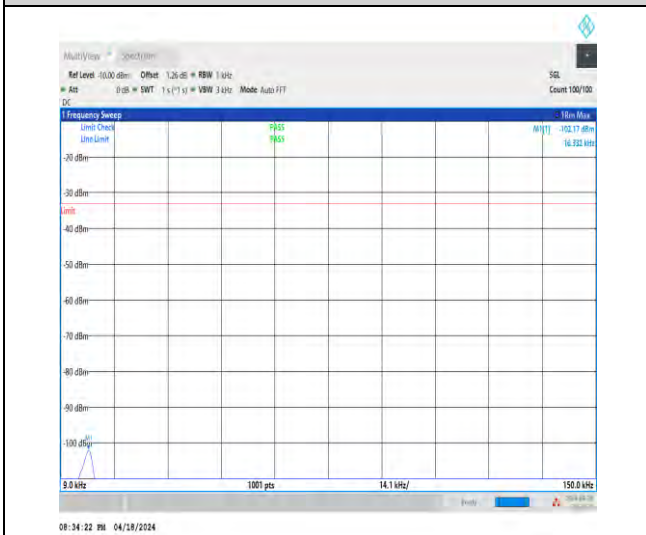
Member of the SGS Group (SGS SA)



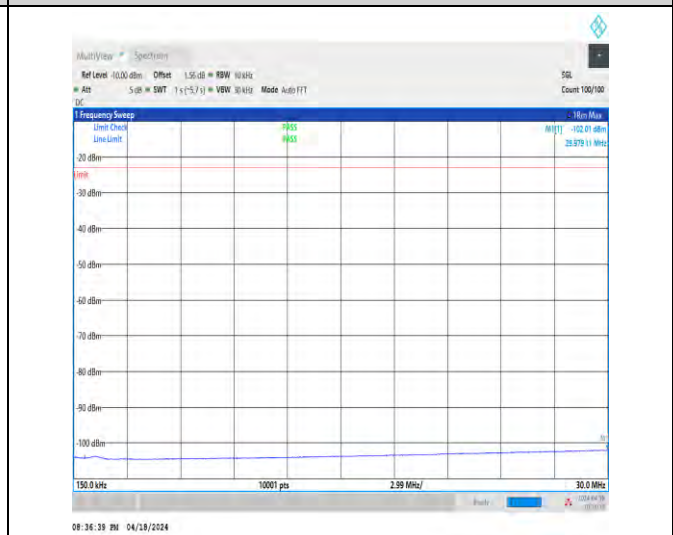
1-N71-15-20-L-1-DFT-QPSK-Edge\_1RB\_Left-1@0-3000-12000-Ant1-7487.85--46.42--13-PASS



1-N71-15-20-L-1-DFT-QPSK-Edge\_1RB\_Left-1@0-2000-20000-Ant1-16418.80--51.07--13-PASS



1-N71-15-20-M-1-DFT-QPSK-Edge\_1RB\_Left-1@0-0.009-0.15-Ant1-0.02--102.17--33-PASS



1-N71-15-20-M-1-DFT-QPSK-Edge\_1RB\_Left-1@0-0.15-30-Ant1-29.98--102.01--23-PASS



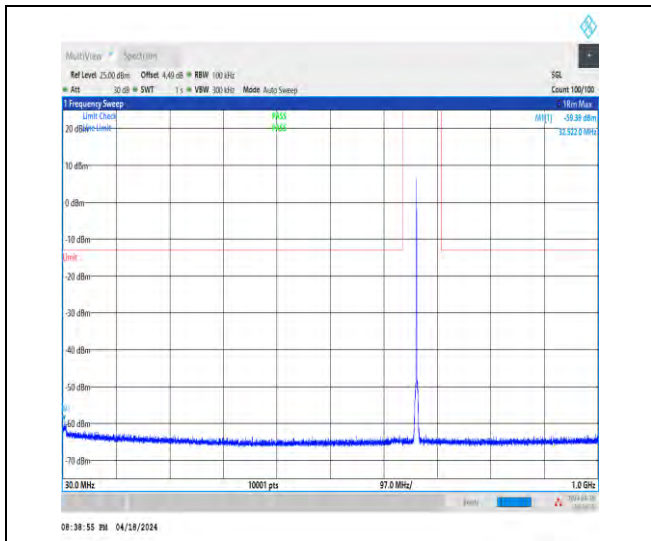
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

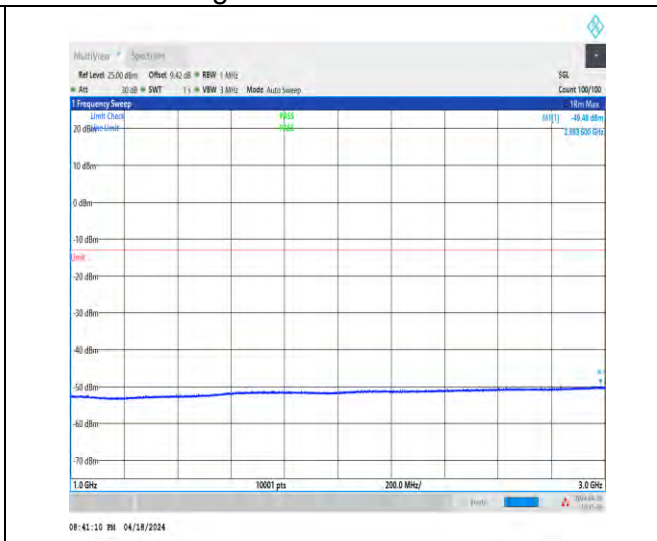
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

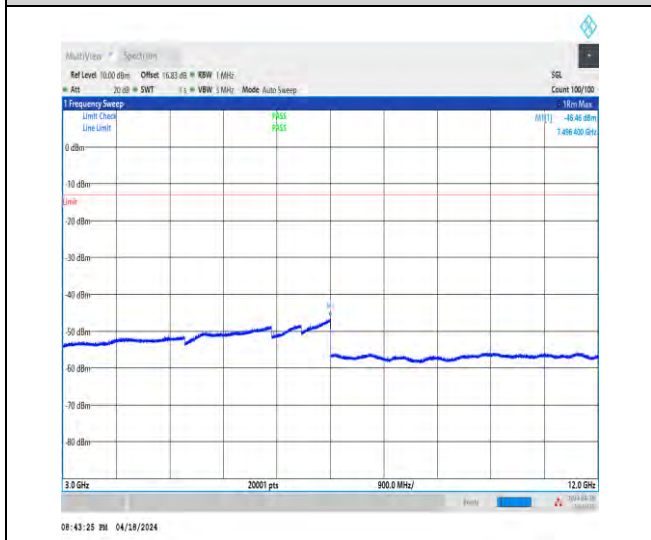
Member of the SGS Group (SGS SA)



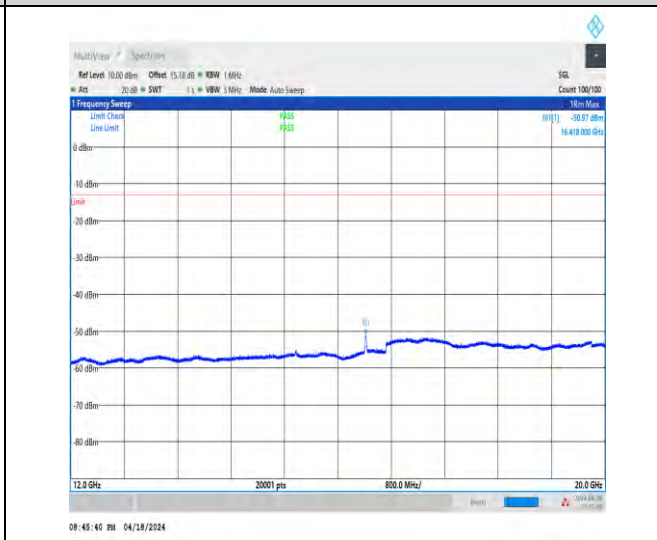
1-N71-15-20-M-1-DFT-QPSK-Edge\_1RB\_Left-1@0-30-1000-Ant1-32.52--59.39--13-PASS



1-N71-15-20-M-1-DFT-QPSK-Edge\_1RB\_Left-1@0-1000-3000-Ant1-2983.60--49.48--13-PASS



1-N71-15-20-M-1-DFT-QPSK-Edge\_1RB\_Left-1@0-3000-12000-Ant1-7496.40--46.46--13-PASS



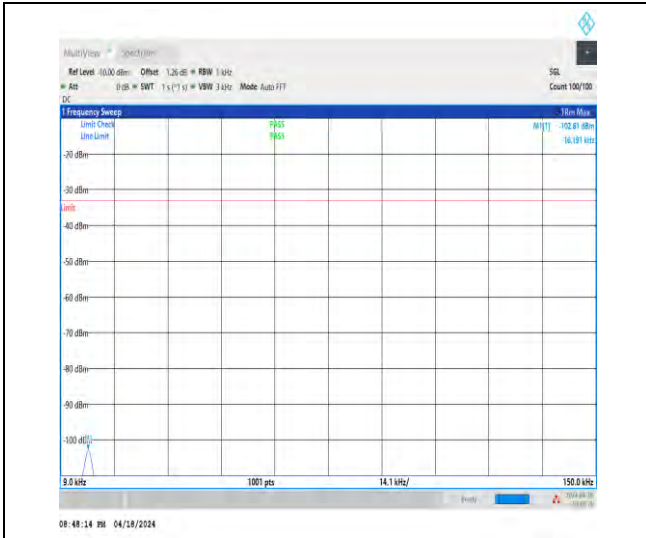
1-N71-15-20-M-1-DFT-QPSK-Edge\_1RB\_Left-1@0-12000-20000-Ant1-16418.00--50.97--13-PASS



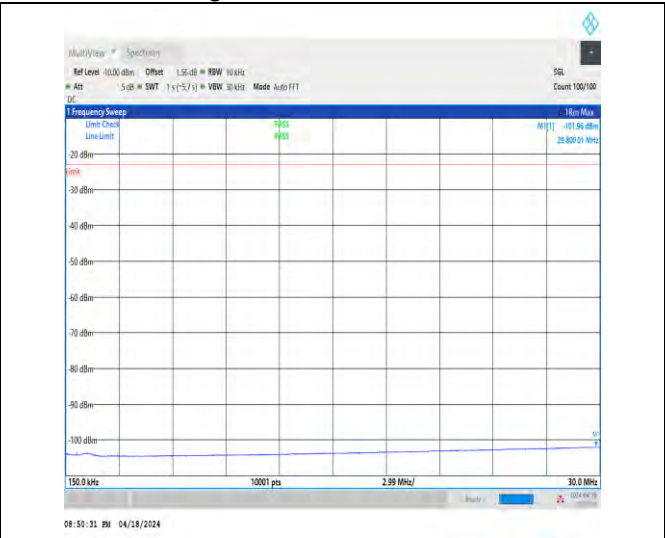
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

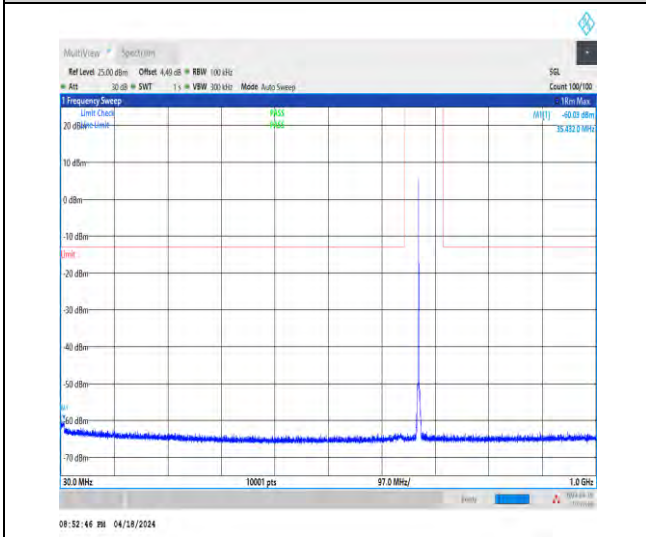
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



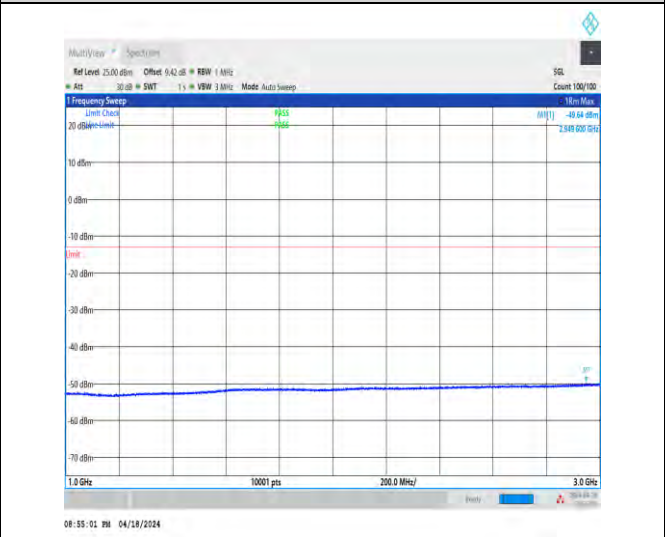
1-N71-15-20-H-1-DFT-QPSK-Edge\_1RB\_Left-1@0-0.009-0.15-Ant1-0.02--102.81--33-PASS



1-N71-15-20-H-1-DFT-QPSK-Edge\_1RB\_Left-1@0-0.15-30-Ant1-29.80--101.96--23-PASS



1-N71-15-20-H-1-DFT-QPSK-Edge\_1RB\_Left-1@0-30-1000-Ant1-35.43--60.03--13-PASS



1-N71-15-20-H-1-DFT-QPSK-Edge\_1RB\_Left-1@0-1000-3000-Ant1-2949.60--49.64--13-PASS



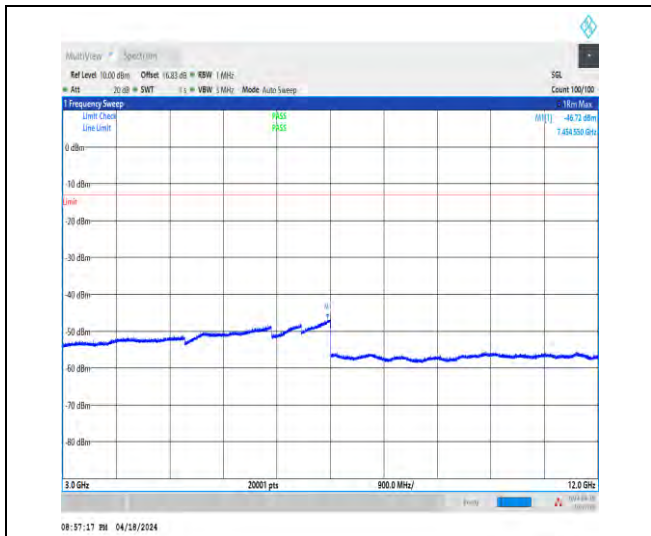
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

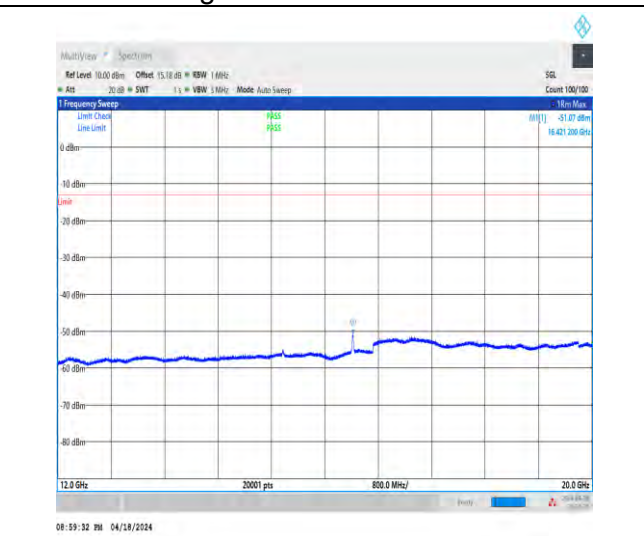
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Member of the SGS Group (SGS SA)



1-N71-15-20-H-1-DFT-QPSK-Edge\_1RB\_Left-1@0-3000-12000-Ant1-7454.55--46.72--13-PASS



1-N71-15-20-H-1-DFT-QPSK-Edge\_1RB\_Left-1@0-12000-20000-Ant1-16421.20--51.07--13-PASS



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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CN\\_Doccheck@sgs.com](mailto:CN_Doccheck@sgs.com)  
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

## Field Strength of Spurious Radiation

Test Band = SA\_n71

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1327	56.76	-47.15	24.87	-60.78	-13.00	47.78	Horizontal
2	2123	47.40	-46.33	26.66	-67.53	-13.00	54.53	Horizontal
3	3502	46.68	-44.78	29.10	-64.26	-13.00	51.26	Horizontal
4	5630.5	45.76	-41.46	32.54	-58.42	-13.00	45.42	Horizontal
5	7423.5	43.56	-37.98	36.75	-52.93	-13.00	39.93	Horizontal
6	9907.5	42.53	-35.04	38.61	-49.16	-13.00	36.16	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1327.5	50.40	-47.15	24.88	-67.13	-13.00	54.13	Vertical
2	1812.5	48.30	-46.60	25.45	-68.11	-13.00	55.11	Vertical
3	2466	47.06	-45.59	27.66	-66.13	-13.00	53.13	Vertical
4	3959	46.81	-43.82	29.88	-62.39	-13.00	49.39	Vertical
5	7173.5	43.17	-38.45	36.49	-54.05	-13.00	41.05	Vertical
6	9941	42.12	-34.94	38.64	-49.44	-13.00	36.44	Vertical



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

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

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

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



Test Band = SA\_n71  
 Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1342	53.14	-47.12	25.02	-64.22	-13.00	51.22	Horizontal
2	2022.5	47.44	-46.29	26.41	-67.70	-13.00	54.70	Horizontal
3	3502.5	46.65	-44.78	29.10	-64.29	-13.00	51.29	Horizontal
4	5158	44.69	-42.29	31.82	-61.04	-13.00	48.04	Horizontal
5	6731	42.97	-39.43	35.16	-56.56	-13.00	43.56	Horizontal
6	9514	40.77	-35.06	37.80	-51.75	-13.00	38.75	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1342	50.45	-47.12	25.02	-66.91	-13.00	53.91	Vertical
2	1812.5	48.54	-46.60	25.45	-67.87	-13.00	54.87	Vertical
3	2692.5	46.88	-45.31	27.99	-65.70	-13.00	52.70	Vertical
4	4027	45.91	-43.79	29.69	-63.45	-13.00	50.45	Vertical
5	6308.5	43.26	-40.46	33.57	-58.89	-13.00	45.89	Vertical
6	8482	41.35	-36.03	36.46	-53.48	-13.00	40.48	Vertical



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

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

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

Test Band = SA\_n71  
 Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1357	49.60	-47.05	25.07	-67.64	-13.00	54.64	Horizontal
2	2294	47.19	-45.98	27.06	-66.99	-13.00	53.99	Horizontal
3	3110.5	47.26	-45.07	28.86	-64.21	-13.00	51.21	Horizontal
4	4417	45.89	-43.28	30.10	-62.55	-13.00	49.55	Horizontal
5	5955.5	44.05	-40.71	32.91	-59.01	-13.00	46.01	Horizontal
6	7895	42.12	-37.44	36.53	-54.05	-13.00	41.05	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1357	51.84	-47.05	25.07	-65.40	-13.00	52.40	Vertical
2	2190	47.63	-46.33	26.82	-67.14	-13.00	54.14	Vertical
3	3483.5	46.88	-44.72	29.03	-64.07	-13.00	51.07	Vertical
4	4554.5	45.99	-42.99	29.74	-62.52	-13.00	49.52	Vertical
5	5612.5	44.48	-41.43	32.58	-59.63	-13.00	46.63	Vertical
6	6801.5	42.95	-39.09	35.41	-55.99	-13.00	42.99	Vertical



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

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

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

Test Band = n71 ULMIMO\_ TM1  
 Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1360	46.17	-48.05	25.18	-71.96	-13.00	58.96	Horizontal
2	1812.5714	45.80	-47.96	25.64	-71.78	-13.00	58.78	Horizontal
3	2583.4286	45.78	-46.99	27.35	-69.12	-13.00	56.12	Horizontal
4	3247.4286	44.61	-46.47	28.35	-68.78	-13.00	55.78	Horizontal
5	4796.5714	43.75	-45.65	31.07	-66.08	-13.00	53.08	Horizontal
6	5696	44.12	-44.60	32.34	-63.40	-13.00	50.40	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1599.4286	46.58	-48.28	25.40	-71.56	-13.00	58.56	Vertical
2	1961.7143	46.39	-47.96	26.09	-70.74	-13.00	57.74	Vertical
3	2565.1429	46.09	-47.05	27.32	-68.90	-13.00	55.90	Vertical
4	3453.7143	44.91	-46.54	28.55	-68.34	-13.00	55.34	Vertical
5	3929.1429	44.75	-46.22	29.29	-67.44	-13.00	54.44	Vertical
6	5873.7143	44.98	-44.89	32.37	-62.79	-13.00	49.79	Vertical



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

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

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

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

Test Band = n71 ULMIMO\_ TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1345.7143	46.65	-48.07	25.17	-71.51	-13.00	58.51	Horizontal
2	1793.1429	45.61	-47.96	25.59	-72.02	-13.00	59.02	Horizontal
3	2167.4286	45.70	-47.69	26.53	-70.71	-13.00	57.71	Horizontal
4	2870.2857	45.19	-46.67	27.87	-68.88	-13.00	55.88	Horizontal
5	3597.1429	44.81	-46.35	28.76	-68.04	-13.00	55.04	Horizontal
6	4760	43.89	-45.70	31.02	-66.06	-13.00	53.06	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1446.8571	46.67	-48.15	25.25	-71.49	-13.00	58.49	Vertical
2	2062.2857	46.41	-47.78	26.32	-70.31	-13.00	57.31	Vertical
3	2707.4286	45.98	-47.04	27.57	-68.75	-13.00	55.75	Vertical
4	3459.4286	45.22	-46.54	28.56	-68.02	-13.00	55.02	Vertical
5	4468	44.54	-45.69	30.52	-65.89	-13.00	52.89	Vertical
6	5818.2857	44.73	-44.72	32.36	-62.88	-13.00	49.88	Vertical



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

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

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

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

Test Band = n71 ULMIMO\_ TM1

Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1305.1429	46.75	-48.12	25.15	-71.48	-13.00	58.48	Horizontal
2	1790.2857	45.96	-47.97	25.59	-71.68	-13.00	58.68	Horizontal
3	2207.4286	46.28	-47.67	26.61	-70.03	-13.00	57.03	Horizontal
4	2842.2857	45.14	-46.77	27.82	-69.08	-13.00	56.08	Horizontal
5	4137.7143	43.95	-45.92	29.73	-67.50	-13.00	54.50	Horizontal
6	5430.8571	45.17	-45.02	32.18	-62.94	-13.00	49.94	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1305.1429	46.91	-48.12	25.15	-71.32	-13.00	58.32	Vertical
2	1891.4286	46.39	-48.04	25.87	-71.04	-13.00	58.04	Vertical
3	2592	46.43	-46.96	27.37	-68.42	-13.00	55.42	Vertical
4	3238.2857	45.57	-46.44	28.34	-67.79	-13.00	54.79	Vertical
5	4386.2857	44.41	-45.87	30.33	-66.40	-13.00	53.40	Vertical
6	5880.5714	45.18	-44.91	32.38	-62.61	-13.00	49.61	Vertical



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

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

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

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

Test Band = NSA\_B48+n71

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1990.5409	34.22	-16.92	26.31	-51.65	-13.00	38.65	Horizontal
2	4799.9	27.85	-12.73	30.80	-49.34	-13.00	36.34	Horizontal
3	7245.8123	55.86	-38.80	36.33	-41.87	-13.00	28.87	Horizontal
4	10868.4934	47.56	-35.47	40.01	-43.16	-13.00	30.16	Horizontal
5	14491.1746	48.74	-32.17	41.60	-37.09	-13.00	24.09	Horizontal
6	17963.1982	41.46	-39.74	47.54	-46.00	-13.00	33.00	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1990.5409	37.36	-16.92	26.31	-48.51	-13.00	35.51	Vertical
2	5259.1883	25.43	-11.96	31.66	-50.13	-13.00	37.13	Vertical
3	7245.8123	62.35	-38.80	36.33	-35.38	-13.00	22.38	Vertical
4	10868.4934	54.96	-35.47	40.01	-35.76	-13.00	22.76	Vertical
5	14491.1746	50.34	-32.17	41.60	-35.49	-13.00	22.49	Vertical
6	17962.0481	41.16	-39.74	47.52	-46.32	-13.00	33.32	Vertical



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

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

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

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

Test Band = NSA\_B48+n71

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2013.0011	35.50	-16.82	26.45	-50.13	-13.00	37.13	Horizontal
2	5363.2386	28.48	-11.48	32.28	-45.98	-13.00	32.98	Horizontal
3	7245.8123	55.14	-38.80	36.33	-42.59	-13.00	29.59	Horizontal
4	10868.4934	50.09	-35.47	40.01	-40.63	-13.00	27.63	Horizontal
5	14491.1746	48.10	-32.17	41.60	-37.73	-13.00	24.73	Horizontal
6	17881.5441	42.01	-39.36	46.29	-46.32	-13.00	33.32	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2013.0011	31.82	-16.82	26.45	-53.81	-13.00	40.81	Vertical
2	5406.7839	25.05	-11.72	32.46	-49.47	-13.00	36.47	Vertical
3	7245.8123	62.09	-38.80	36.33	-35.64	-13.00	22.64	Vertical
4	10868.4934	55.11	-35.47	40.01	-35.61	-13.00	22.61	Vertical
5	14491.1746	50.43	-32.17	41.60	-35.40	-13.00	22.40	Vertical
6	17997.1249	40.85	-39.77	48.15	-46.03	-13.00	33.03	Vertical



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

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

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

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

Test Band = NSA\_B48+n71

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2212.3927	28.94	-16.99	26.88	-56.43	-13.00	43.43	Horizontal
2	4804.0253	27.82	-12.74	30.78	-49.40	-13.00	36.40	Horizontal
3	7245.8123	55.62	-38.80	36.33	-42.11	-13.00	29.11	Horizontal
4	10868.4934	47.43	-35.47	40.01	-43.29	-13.00	30.29	Horizontal
5	14491.1746	48.23	-32.17	41.60	-37.60	-13.00	24.60	Horizontal
6	17966.0733	41.48	-39.74	47.59	-45.93	-13.00	32.93	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2035.4613	29.62	-16.74	26.36	-56.02	-13.00	43.02	Vertical
2	5361.4051	24.54	-11.47	32.27	-49.92	-13.00	36.92	Vertical
3	7245.8123	62.17	-38.80	36.33	-35.56	-13.00	22.56	Vertical
4	10868.4934	53.67	-35.47	40.01	-37.05	-13.00	24.05	Vertical
5	14491.1746	53.11	-32.17	41.60	-32.72	-13.00	19.72	Vertical
6	17994.8247	40.73	-39.77	48.11	-46.19	-13.00	33.19	Vertical



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

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

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

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



**Test Band = NR\_CA 41A\_n71A\_TM1**

**Test Channel = Low**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3986.5	44.22	-46.07	29.38	-67.73	-25.00	42.73	Horizontal
2	5227.5	44.30	-45.23	31.81	-64.38	-25.00	39.38	Horizontal
3	7857.5	42.83	-42.60	36.90	-58.13	-25.00	33.13	Horizontal
4	8465	41.84	-41.56	36.82	-58.16	-25.00	33.16	Horizontal
5	10901	36.89	-37.81	38.59	-57.59	-25.00	32.59	Horizontal
6	12170	36.51	-37.45	39.15	-57.04	-25.00	32.04	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3598.5	45.06	-46.13	28.76	-67.57	-25.00	42.57	Vertical
2	4541.5	44.66	-45.69	30.67	-65.63	-25.00	40.63	Vertical
3	5776.5	44.08	-44.77	32.36	-63.60	-25.00	38.60	Vertical
4	7545	42.35	-43.05	36.46	-59.49	-25.00	34.49	Vertical
5	9413.5	40.58	-39.88	37.33	-57.24	-25.00	32.24	Vertical
6	12159	36.98	-37.43	39.15	-56.56	-25.00	31.56	Vertical



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

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

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

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

Test Band = NR\_CA 41A\_n71A\_TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472	44.57	-46.27	28.57	-68.38	-25.00	43.38	Horizontal
2	4730.5	43.89	-45.58	30.97	-65.98	-25.00	40.98	Horizontal
3	5791.5	43.59	-44.76	32.36	-64.07	-25.00	39.07	Horizontal
4	7543.5	41.99	-43.05	36.46	-59.86	-25.00	34.86	Horizontal
5	8459	42.10	-41.55	36.82	-57.89	-25.00	32.89	Horizontal
6	10675	36.72	-38.03	38.57	-58.00	-25.00	33.00	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3878	45.01	-46.20	29.20	-67.25	-25.00	42.25	Vertical
2	4725	44.81	-45.59	30.96	-65.08	-25.00	40.08	Vertical
3	6059	43.58	-44.61	32.60	-63.69	-25.00	38.69	Vertical
4	7185	43.20	-43.54	35.52	-60.08	-25.00	35.08	Vertical
5	8608	41.72	-41.36	36.74	-58.16	-25.00	33.16	Vertical
6	10523	37.89	-38.72	38.55	-57.54	-25.00	32.54	Vertical



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

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

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

Test Band = NR\_CA 41A\_n71A\_TM1

Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3963.5	45.26	-46.13	29.34	-66.79	-25.00	41.79	Horizontal
2	5248	44.68	-45.19	31.85	-63.92	-25.00	38.92	Horizontal
3	6357.5	43.34	-44.47	33.62	-62.77	-25.00	37.77	Horizontal
4	7801.5	41.74	-42.32	36.82	-59.02	-25.00	34.02	Horizontal
5	9405.5	40.79	-39.85	37.31	-57.01	-25.00	32.01	Horizontal
6	11373.5	36.51	-37.38	38.79	-57.35	-25.00	32.35	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4260.5	43.78	-45.63	30.03	-67.09	-25.00	42.09	Vertical
2	5171.5	44.29	-45.31	31.71	-64.57	-25.00	39.57	Vertical
3	6363.5	43.37	-44.46	33.64	-62.71	-25.00	37.71	Vertical
4	7939	42.57	-42.64	37.01	-58.31	-25.00	33.31	Vertical
5	9419.5	40.90	-39.91	37.34	-56.93	-25.00	31.93	Vertical
6	10914.5	36.90	-37.81	38.59	-57.58	-25.00	32.58	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.  
**Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com**

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

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

## Frequency Stability for SA

### Test Result

### Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-9.800000	-0.014401	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-9.700000	-0.014254	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-9.300000	-0.013666	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VH	NT	-4.700000	-0.006907	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VN	NT	-4.100000	-0.006025	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VL	NT	-3.600000	-0.005290	PASS



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

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

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

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

**Frequency Error VS. Temperature**

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-11.300000	-0.016605	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-9.100000	-0.013373	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-9.200000	-0.013519	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-10.500000	-0.015430	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-11.300000	-0.016605	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-8.300000	-0.012197	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-8.400000	-0.012344	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-10.400000	-0.015283	PASS
N71	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-8.800000	-0.012932	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-30	-4.300000	-0.006319	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-20	-6.800000	-0.009993	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-10	-5.700000	-0.008376	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	0	-4.600000	-0.006760	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	10	-4.500000	-0.006613	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	20	-6.300000	-0.009258	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	30	-3.200000	-0.004702	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	40	-4.800000	-0.007054	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	50	-5.800000	-0.008523	PASS

---End of Attachment---



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

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

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

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

Member of the SGS Group (SGS SA)