

Report No.: SEWM2311000466RG02

Rev.: 01

Page: 1 of 38

# Appendix B.17

## NR Band n2



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号厂房南部 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)

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

### Test Result

Ant3

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N2	15	5	DFT-QPSK	L	Inner_1RB_Left	22.90	23.85	33.00	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Left	21.99	22.94	33.00	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Left	22.89	23.84	33.00	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Left	22.02	22.97	33.00	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Left	23.00	23.95	33.00	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Left	22.09	23.04	33.00	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Left	22.87	23.82	33.00	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Left	21.99	22.94	33.00	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Left	22.87	23.82	33.00	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Left	22.13	23.08	33.00	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Left	22.92	23.87	33.00	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Left	22.15	23.10	33.00	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Left	22.93	23.88	33.00	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Left	21.99	22.94	33.00	PASS
N2	15	15	DFT-QPSK	M	Inner_1RB_Left	22.98	23.93	33.00	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Left	22.87	23.82	33.00	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Left	22.92	23.87	33.00	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Left	22.22	23.17	33.00	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.06	24.01	33.00	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.06	24.01	33.00	PASS
N2	15	20	DFT-PI2BPSK	L	Outer_Full	22.58	23.53	33.00	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Left	23.00	23.95	33.00	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Right	22.95	23.90	33.00	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	22.12	23.07	33.00	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Left	22.12	23.07	33.00	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Right	22.37	23.32	33.00	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	21.13	22.08	33.00	PASS
N2	15	20	DFT-64QAM	L	Inner_1RB_Left	20.70	21.65	33.00	PASS
N2	15	20	DFT-64QAM	L	Inner_1RB_Right	20.91	21.86	33.00	PASS
N2	15	20	DFT-64QAM	L	Outer_Full	20.62	21.57	33.00	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 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.sgsgroup.com.cn  
 t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2311000466RG02

Rev.: 01

Page: 3 of 38

N2	15	20	DFT-256QAM	L	Inner_1RB_Left	18.49	19.44	33.00	PASS
N2	15	20	DFT-256QAM	L	Inner_1RB_Right	18.58	19.53	33.00	PASS
N2	15	20	DFT-256QAM	L	Outer_Full	18.62	19.57	33.00	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	22.99	23.94	33.00	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.00	23.95	33.00	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	22.60	23.55	33.00	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Left	22.96	23.91	33.00	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Right	23.00	23.95	33.00	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	22.03	22.98	33.00	PASS
N2	15	20	DFT-16QAM	M	Inner_1RB_Left	22.29	23.24	33.00	PASS
N2	15	20	DFT-16QAM	M	Inner_1RB_Right	22.22	23.17	33.00	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	21.13	22.08	33.00	PASS
N2	15	20	DFT-64QAM	M	Inner_1RB_Left	20.87	21.82	33.00	PASS
N2	15	20	DFT-64QAM	M	Inner_1RB_Right	20.80	21.75	33.00	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	20.62	21.57	33.00	PASS
N2	15	20	DFT-256QAM	M	Inner_1RB_Left	18.54	19.49	33.00	PASS
N2	15	20	DFT-256QAM	M	Inner_1RB_Right	18.55	19.50	33.00	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	18.59	19.54	33.00	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	22.96	23.91	33.00	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.10	24.05	33.00	PASS
N2	15	20	DFT-PI2BPSK	H	Outer_Full	22.65	23.60	33.00	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Left	22.92	23.87	33.00	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Right	23.06	24.01	33.00	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	22.18	23.13	33.00	PASS
N2	15	20	DFT-16QAM	H	Inner_1RB_Left	22.15	23.10	33.00	PASS
N2	15	20	DFT-16QAM	H	Inner_1RB_Right	22.25	23.20	33.00	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	21.23	22.18	33.00	PASS
N2	15	20	DFT-64QAM	H	Inner_1RB_Left	20.74	21.69	33.00	PASS
N2	15	20	DFT-64QAM	H	Inner_1RB_Right	20.88	21.83	33.00	PASS
N2	15	20	DFT-64QAM	H	Outer_Full	20.74	21.69	33.00	PASS
N2	15	20	DFT-256QAM	H	Inner_1RB_Left	18.56	19.51	33.00	PASS
N2	15	20	DFT-256QAM	H	Inner_1RB_Right	18.62	19.57	33.00	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	18.36	19.31	33.00	PASS



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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 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 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 s (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

## Peak-to-Average Ratio for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N2	15	20	DFT-256QAM	L	Outer_Full	6.22	13	PASS
N2	15	20	CP-256QAM	L	Outer_Full	6.67	13	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	6.46	13	PASS
N2	15	20	CP-256QAM	M	Outer_Full	6.86	13	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	6.25	13	PASS
N2	15	20	CP-256QAM	H	Outer_Full	6.73	13	PASS



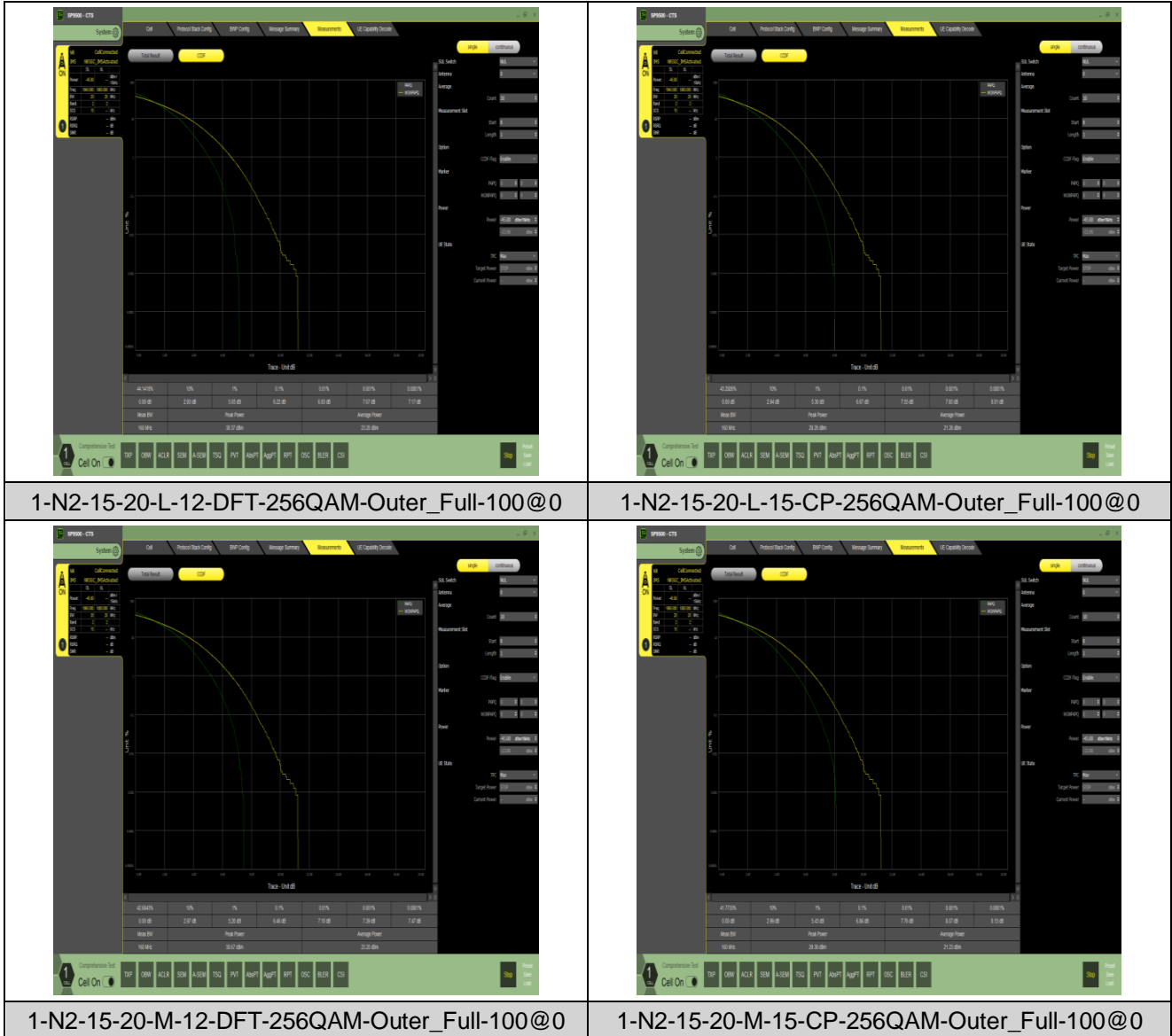
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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号厂房南部 邮编: 215000

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

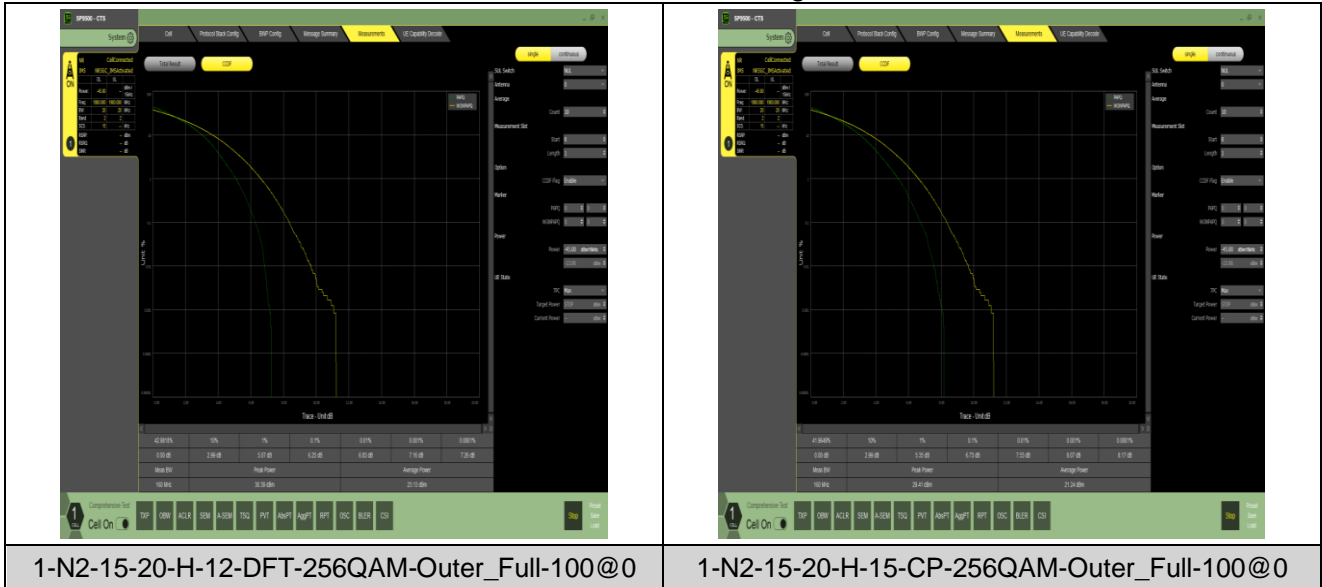
Test Graphs



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) 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-N2-15-20-H-12-DFT-256QAM-Outer\_Full-100@0

1-N2-15-20-H-15-CP-256QAM-Outer\_Full-100@0



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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 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号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

## 26dB Bandwidth and Occupied Bandwidth for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N2	15	5	DFT-QPSK	M	Outer_Full	4.525	4.950	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	4.502	4.940	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	4.498	4.910	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	4.519	4.930	PASS
N2	15	5	DFT-256QAM	M	Outer_Full	4.505	4.940	PASS
N2	15	5	CP-QPSK	M	Outer_Full	4.497	4.960	PASS
N2	15	5	CP-16QAM	M	Outer_Full	4.499	4.930	PASS
N2	15	5	CP-64QAM	M	Outer_Full	4.5	4.970	PASS
N2	15	5	CP-256QAM	M	Outer_Full	4.492	4.980	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	8.918	9.380	PASS
N2	15	10	DFT-PI2BPSK	M	Outer_Full	8.953	9.460	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	8.917	9.420	PASS
N2	15	10	DFT-64QAM	M	Outer_Full	8.935	9.440	PASS
N2	15	10	DFT-256QAM	M	Outer_Full	8.922	9.420	PASS
N2	15	10	CP-QPSK	M	Outer_Full	9.286	9.820	PASS
N2	15	10	CP-16QAM	M	Outer_Full	9.298	9.880	PASS
N2	15	10	CP-64QAM	M	Outer_Full	9.3	9.800	PASS
N2	15	10	CP-256QAM	M	Outer_Full	9.277	9.800	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	13.483	14.340	PASS
N2	15	15	DFT-PI2BPSK	M	Outer_Full	13.495	14.370	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	13.468	14.340	PASS
N2	15	15	DFT-64QAM	M	Outer_Full	13.495	14.340	PASS
N2	15	15	DFT-256QAM	M	Outer_Full	13.476	14.280	PASS
N2	15	15	CP-QPSK	M	Outer_Full	14.203	18.600	PASS
N2	15	15	CP-16QAM	M	Outer_Full	14.193	15.090	PASS
N2	15	15	CP-64QAM	M	Outer_Full	14.19	15.090	PASS
N2	15	15	CP-256QAM	M	Outer_Full	14.181	15.060	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	17.902	18.920	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	17.963	18.920	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	17.902	18.880	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) 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 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.: SEWM2311000466RG02

Rev.: 01

Page: 8 of 38

N2	15	20	DFT-64QAM	M	Outer_Full	17.944	18.920	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	17.908	18.920	PASS
N2	15	20	CP-QPSK	M	Outer_Full	19.001	20.000	PASS
N2	15	20	CP-16QAM	M	Outer_Full	18.967	19.960	PASS
N2	15	20	CP-64QAM	M	Outer_Full	19.008	19.920	PASS
N2	15	20	CP-256QAM	M	Outer_Full	18.968	20.000	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.

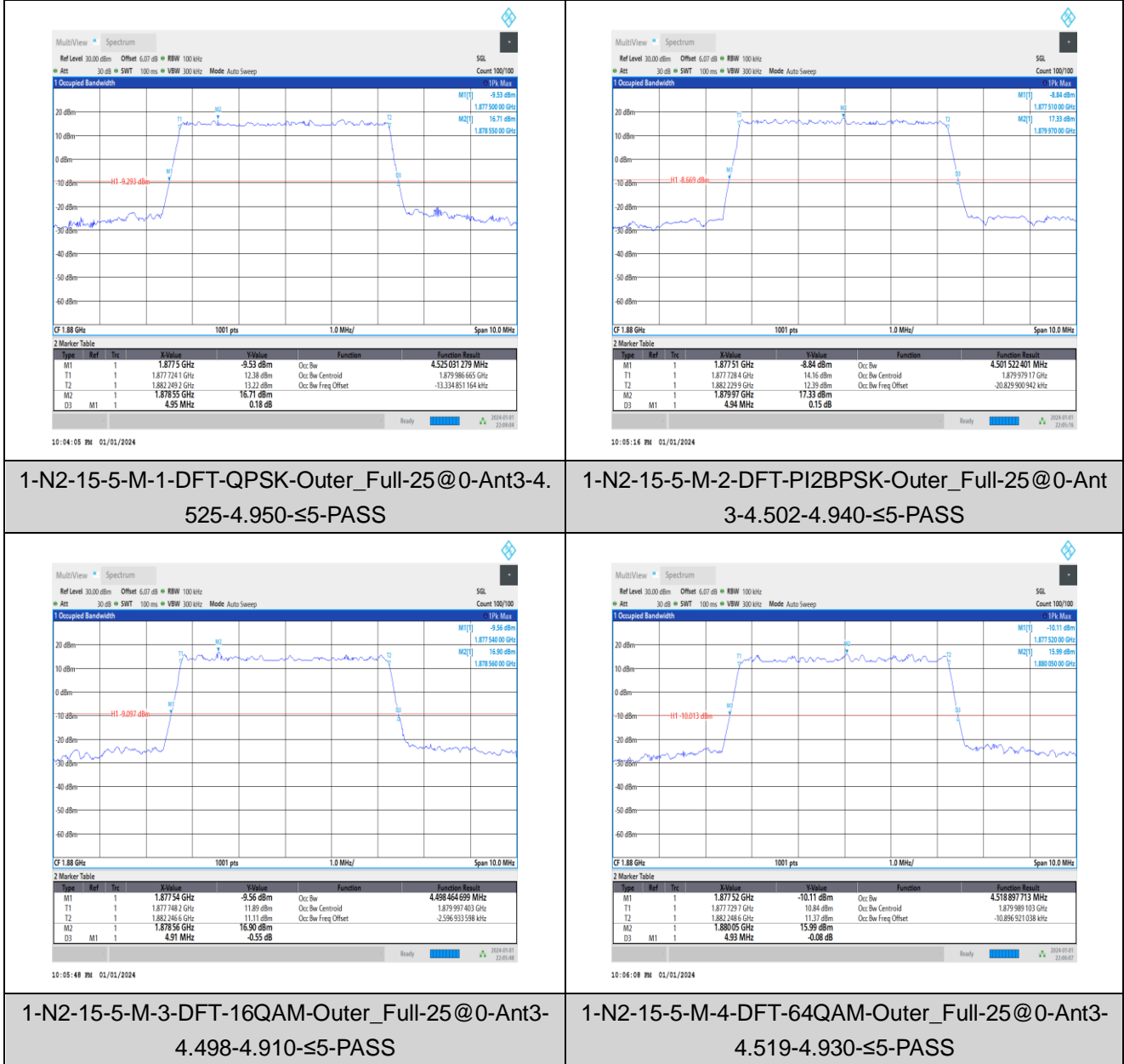
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 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号厂房南面 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



Test Graphs

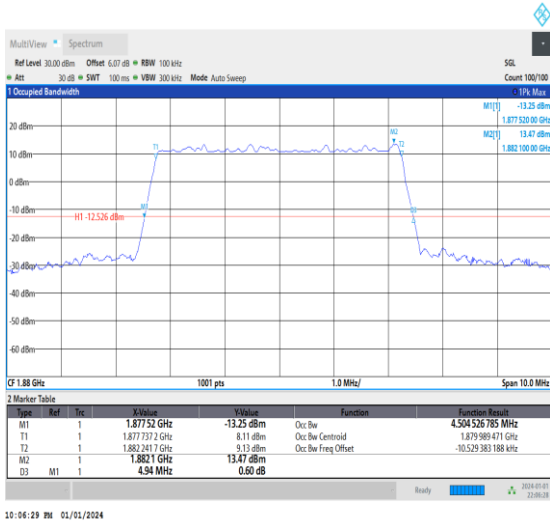


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

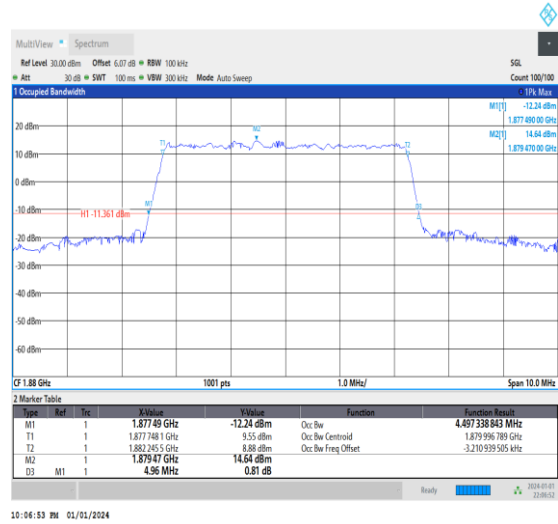
**Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com**

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

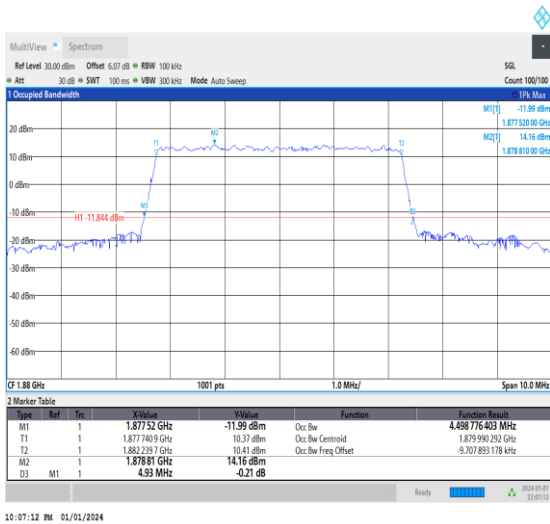
Member of the SGS Group (SGS SA)



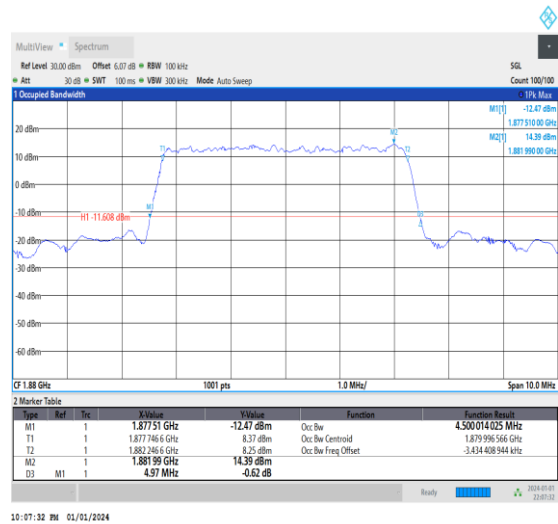
1-N2-15-5-M-5-DFT-256QAM-Outer\_Full-25@0-Ant3  
-4.505-4.940-≤5-PASS



1-N2-15-5-M-6-CP-QPSK-Outer\_Full-25@0-Ant3-4.  
497-4.960-≤5-PASS



1-N2-15-5-M-7-CP-16QAM-Outer\_Full-25@0-Ant3-4.  
499-4.930-≤5-PASS



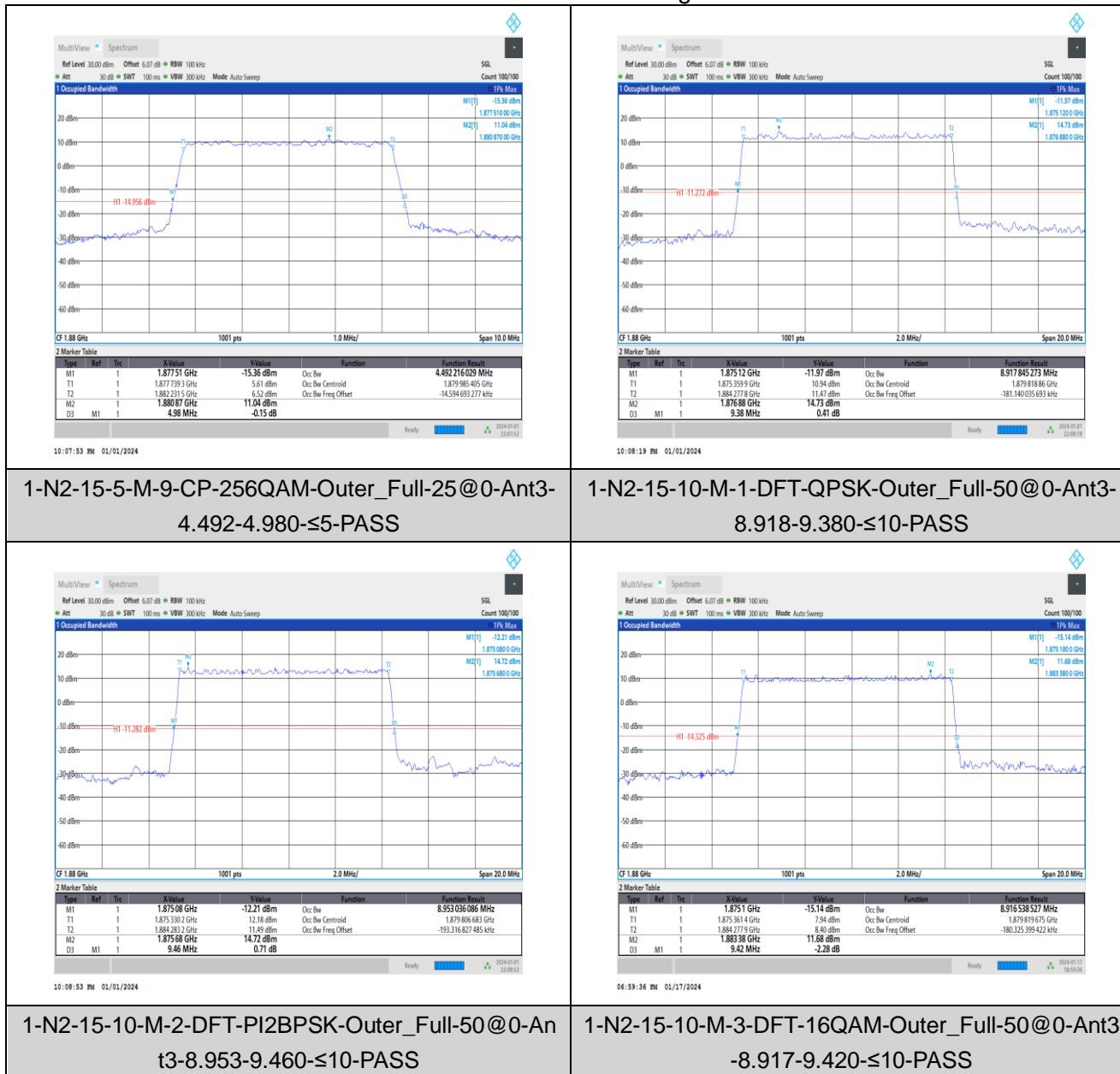
1-N2-15-5-M-8-CP-64QAM-Outer\_Full-25@0-Ant3-4.  
.5-4.970-≤5-PASS



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

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

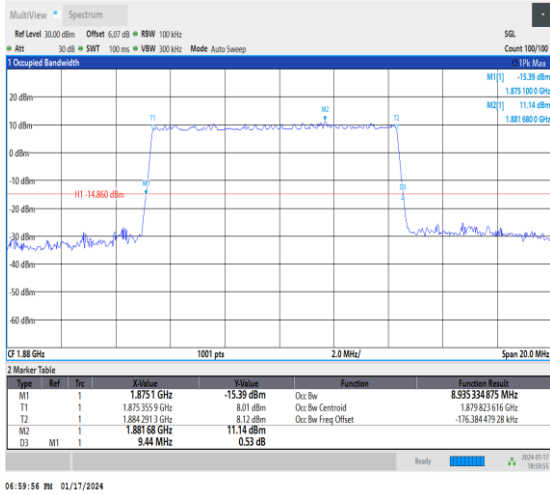
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



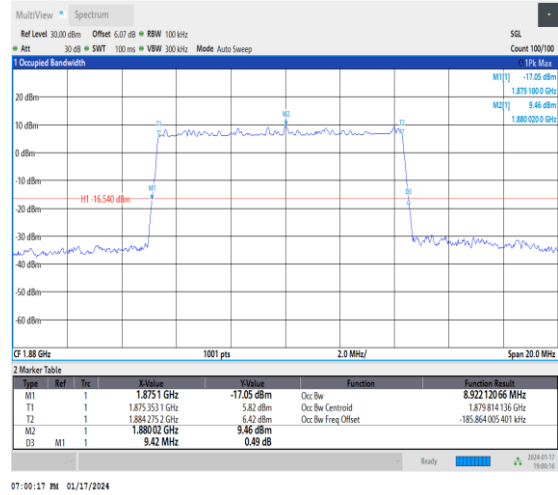
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

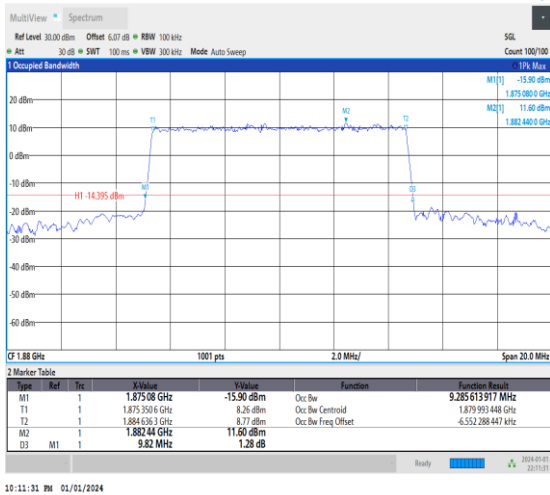
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



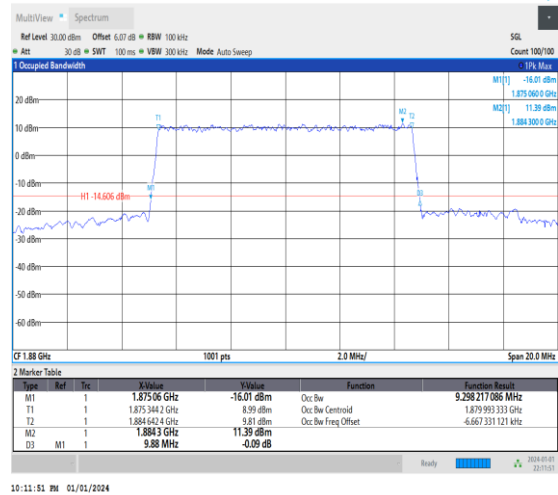
1-N2-15-10-M-4-DFT-64QAM-Outer\_Full-50@0-Ant3  
-8.935-9.440≤10-PASS



1-N2-15-10-M-5-DFT-256QAM-Outer\_Full-50@0-Ant  
3-8.922-9.420≤10-PASS



1-N2-15-10-M-6-CP-QPSK-Outer\_Full-52@0-Ant3-9.  
286-9.820≤10-PASS



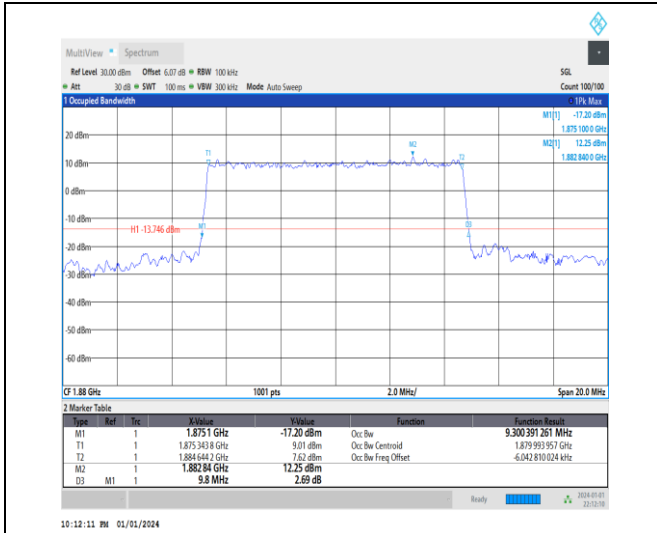
1-N2-15-10-M-7-CP-16QAM-Outer\_Full-52@0-Ant3-  
9.298-9.880≤10-PASS



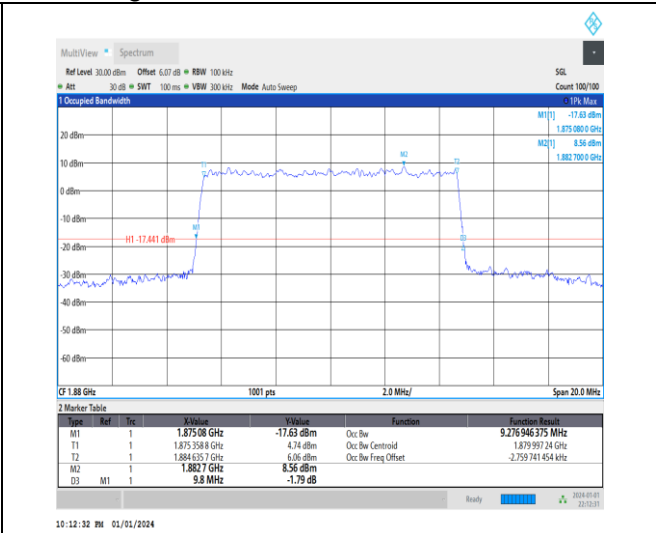
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

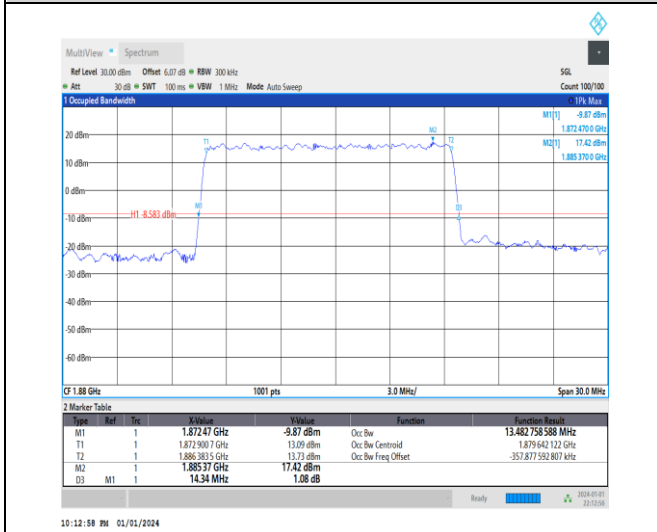
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



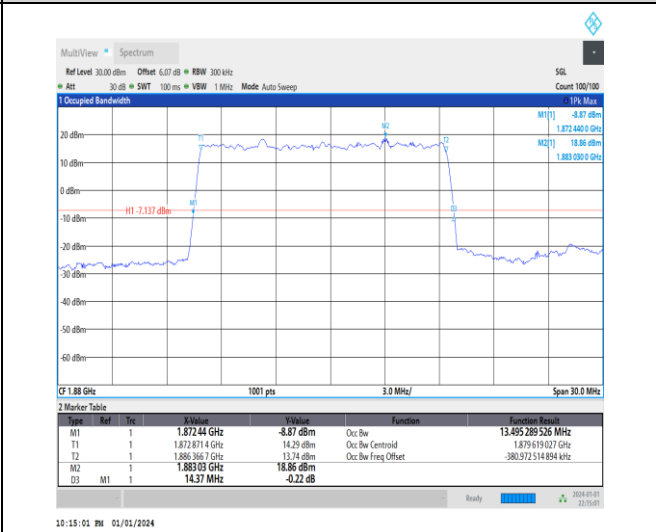
1-N2-15-10-M-8-CP-64QAM-Outer\_Full-52@0-Ant3-9.3-9.800-≤10-PASS



1-N2-15-10-M-9-CP-256QAM-Outer\_Full-52@0-Ant3-9.3-9.800-≤10-PASS



1-N2-15-15-M-1-DFT-QPSK-Outer\_Full-75@0-Ant3-13.483-14.340-≤15-PASS



1-N2-15-15-M-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant3-13.483-14.370-≤15-PASS

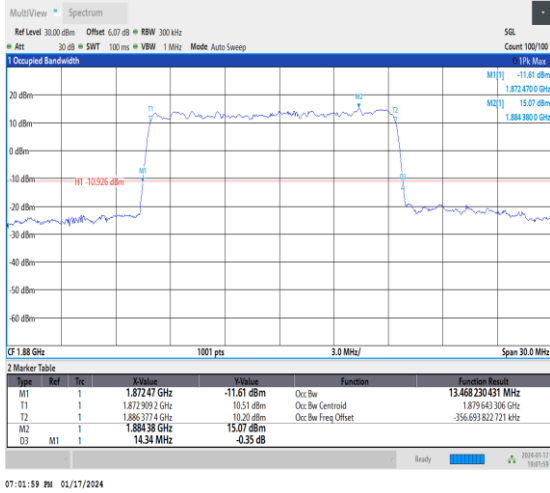


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

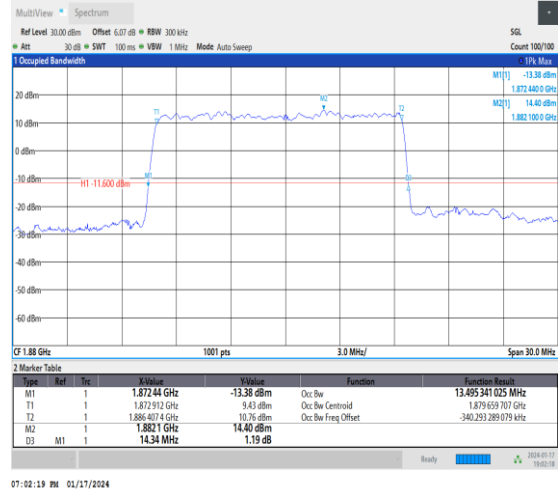
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

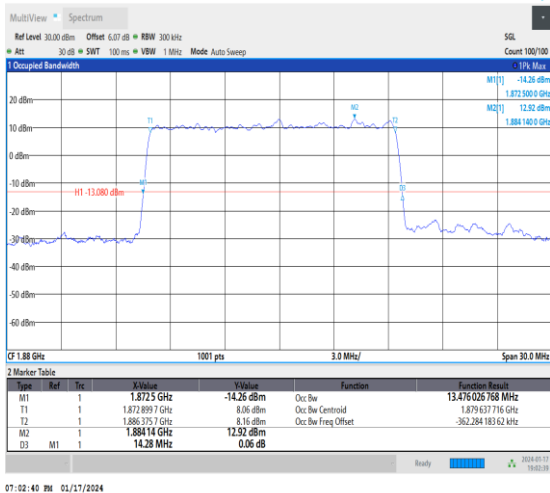
t (86-512) 62992980 www.sgs.com.cn  
 t (86-512) 62992980 sgs.china@sgs.com



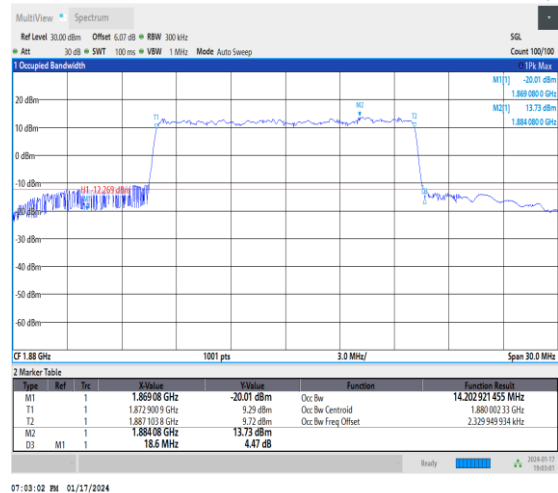
1-N2-15-15-M-3-DFT-16QAM-Outer\_Full-75@0-Ant3  
-13.468-14.340≤15-PASS



1-N2-15-15-M-4-DFT-64QAM-Outer\_Full-75@0-Ant3  
-13.495-14.340≤15-PASS



1-N2-15-15-M-5-DFT-256QAM-Outer\_Full-75@0-Ant  
3-13.476-14.280≤15-PASS



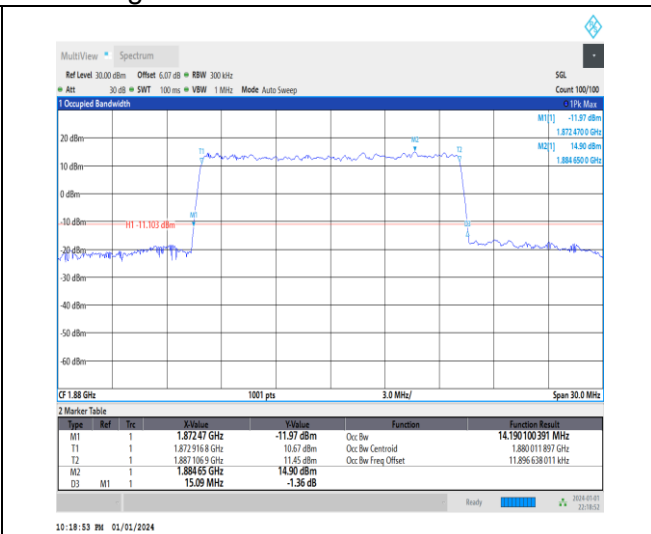
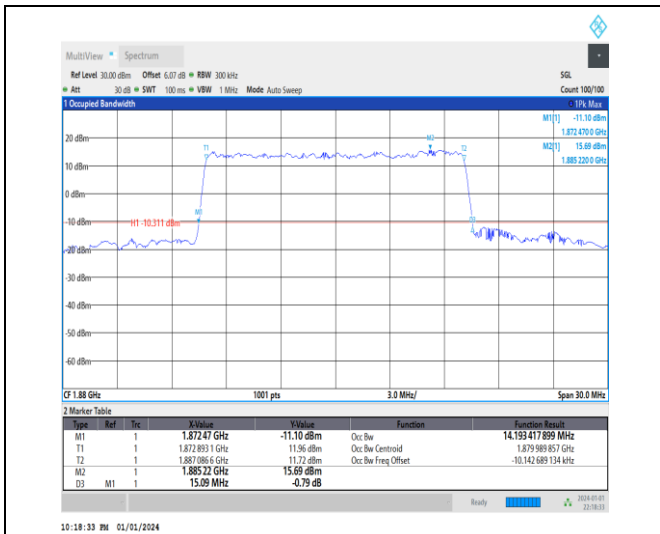
1-N2-15-15-M-6-CP-QPSK-Outer\_Full-79@0-Ant3-1  
4.203-18.600≤15-PASS



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

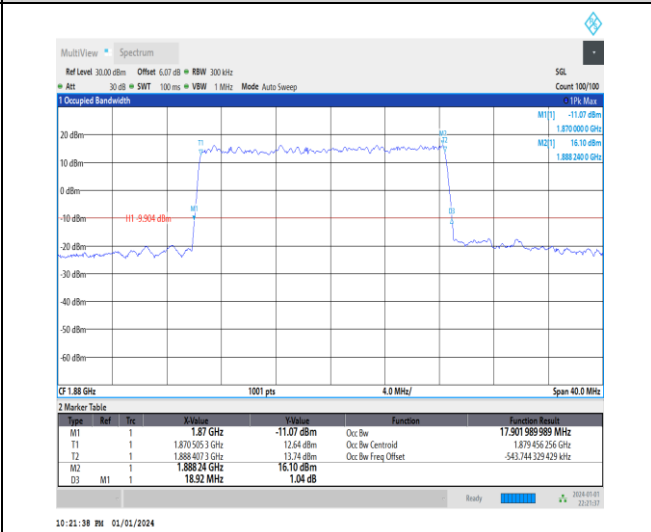
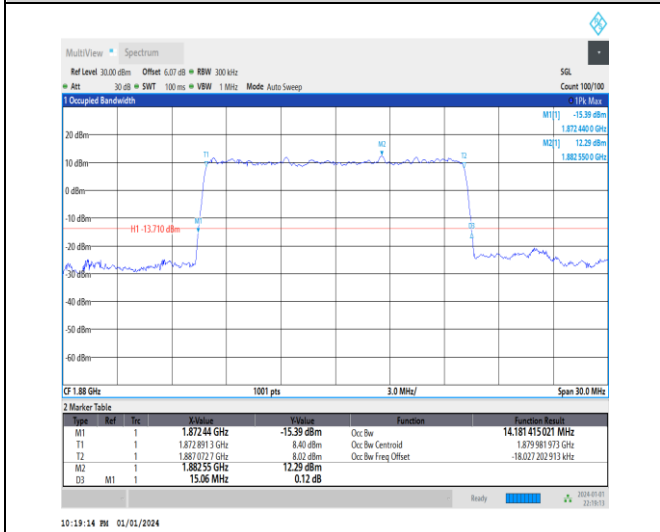
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 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-N2-15-15-M-7-CP-16QAM-Outer\_Full-79@0-Ant3-14.193-15.090-≤15-PASS

1-N2-15-15-M-8-CP-64QAM-Outer\_Full-79@0-Ant3-14.19-15.090-≤15-PASS



1-N2-15-15-M-9-CP-256QAM-Outer\_Full-79@0-Ant3-14.181-15.060-≤15-PASS

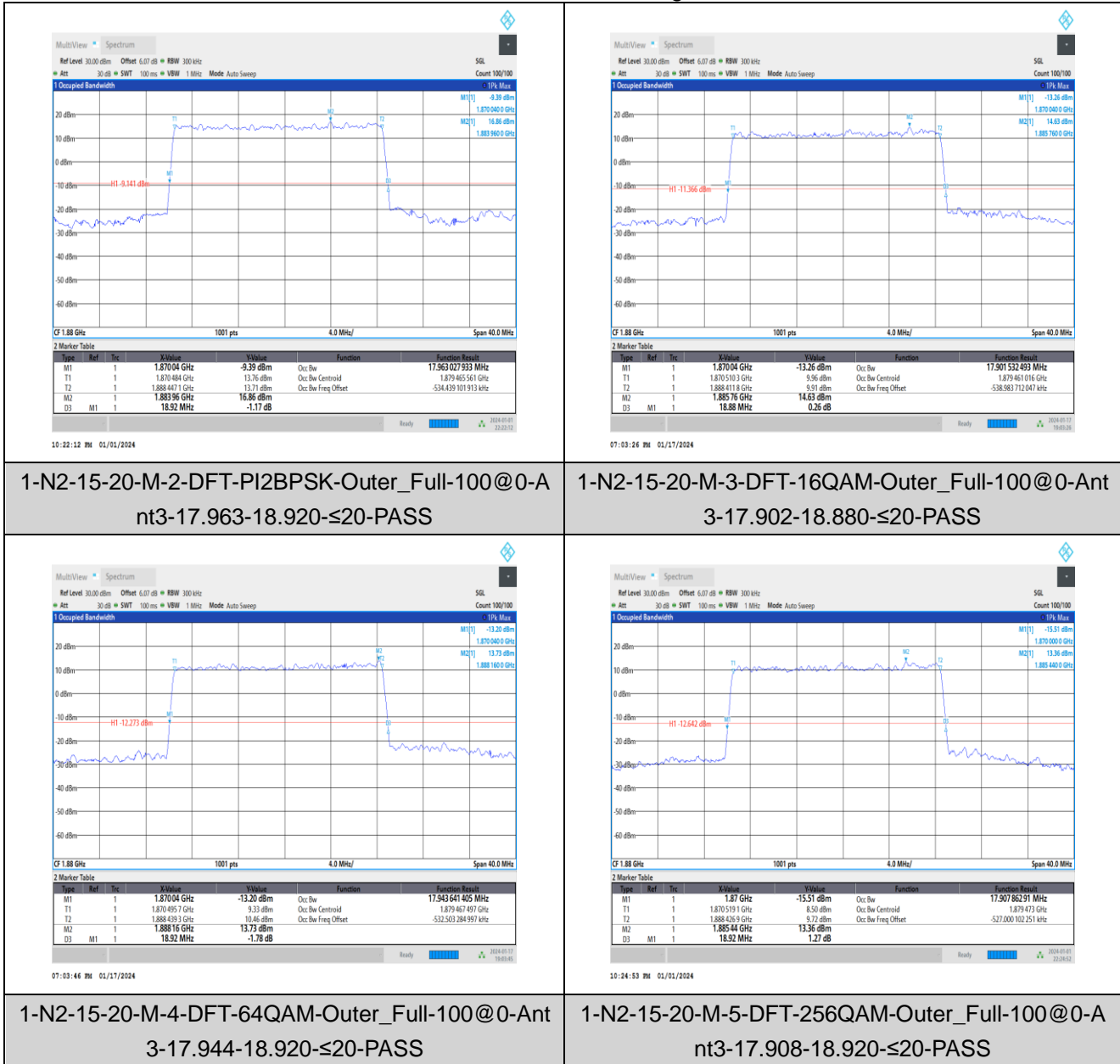
1-N2-15-20-M-1-DFT-QPSK-Outer\_Full-100@0-Ant3-17.902-18.920-≤20-PASS



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

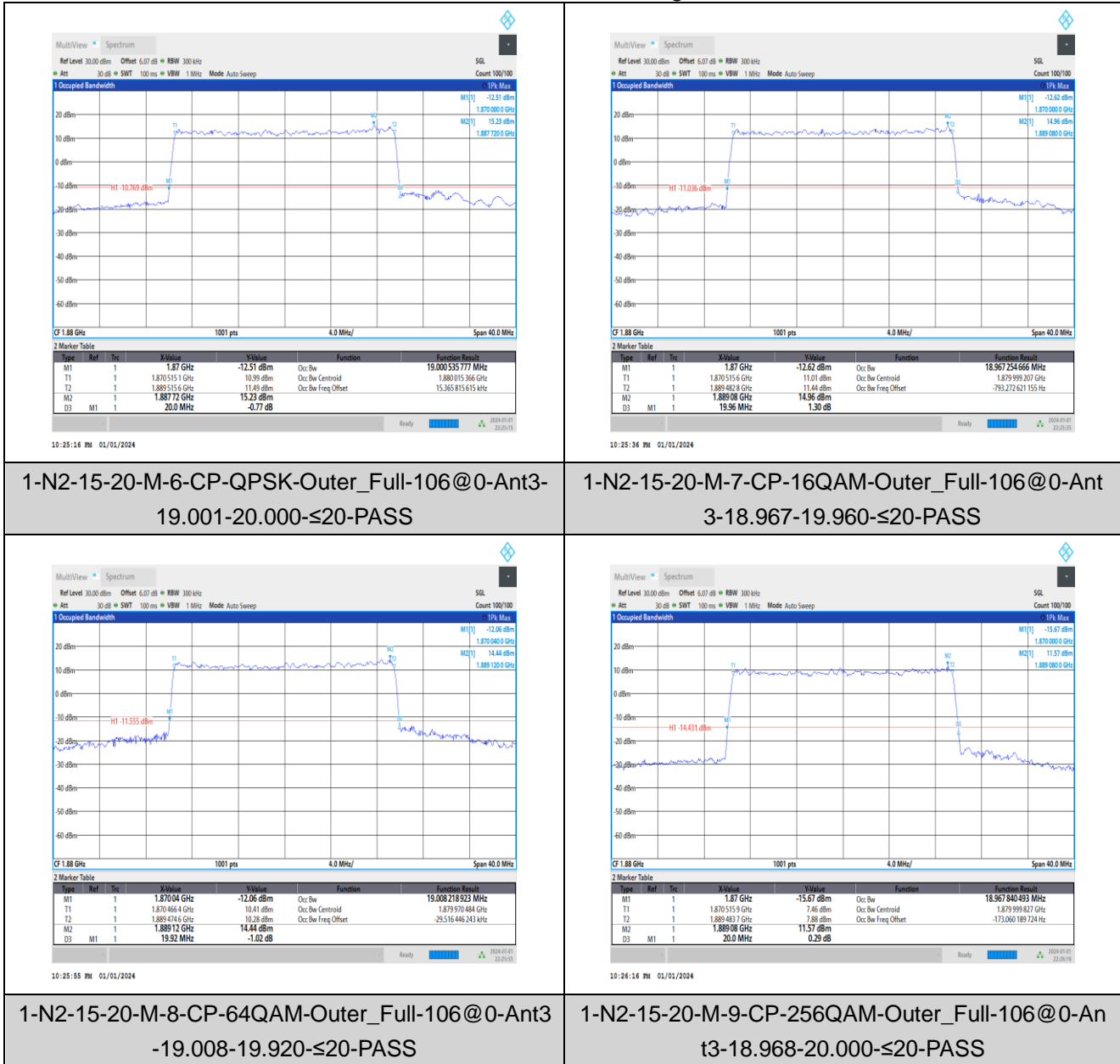


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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





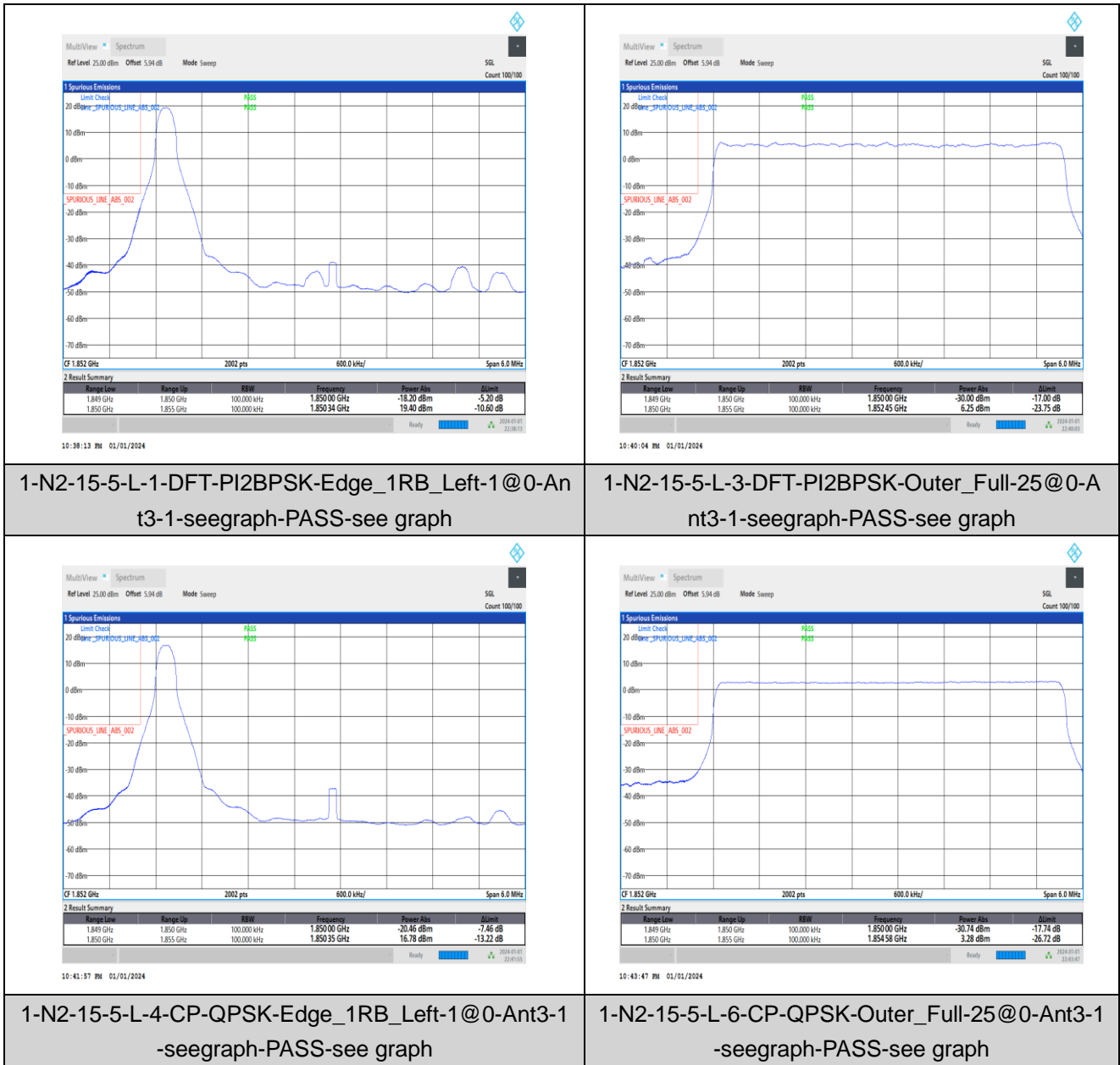
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

## Band Edge for SA

### Test Graphs



1-N2-15-5-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant3-1-seegraph-PASS-see graph

1-N2-15-5-L-3-DFT-PI2BPSK-Outer\_Full-25@0-Ant3-1-seegraph-PASS-see graph

1-N2-15-5-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant3-1-seegraph-PASS-see graph

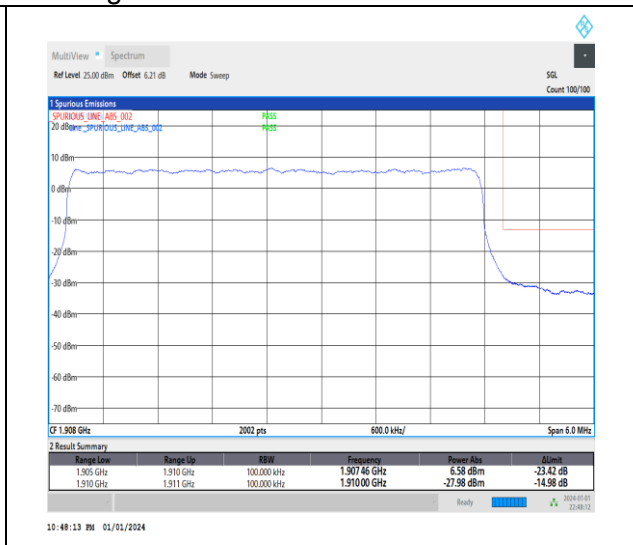
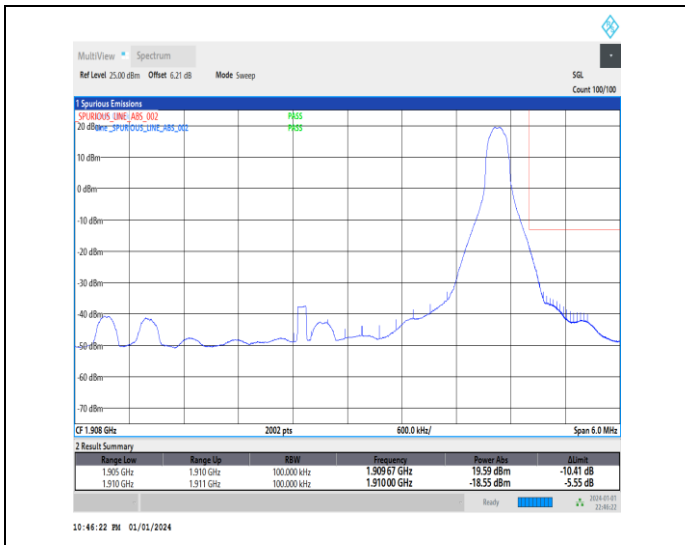
1-N2-15-5-L-6-CP-QPSK-Outer\_Full-25@0-Ant3-1-seegraph-PASS-see graph



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

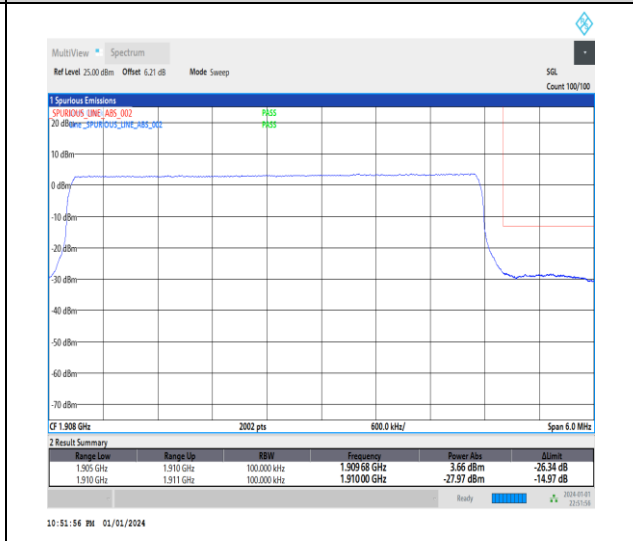
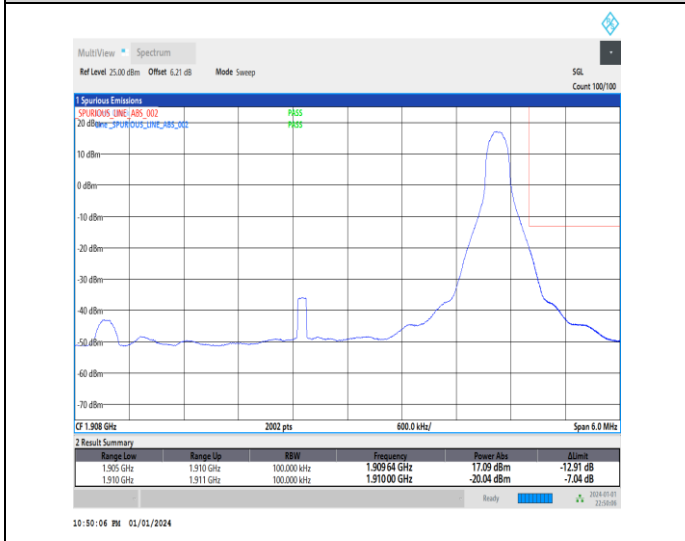
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



1-N2-15-5-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@24-Ant3-1-seegraph-PASS-see graph

1-N2-15-5-H-3-DFT-PI2BPSK-Outer\_Full-25@0-Ant3-1-seegraph-PASS-see graph



1-N2-15-5-H-5-CP-QPSK-Edge\_1RB\_Right-1@24-Ant3-1-seegraph-PASS-see graph

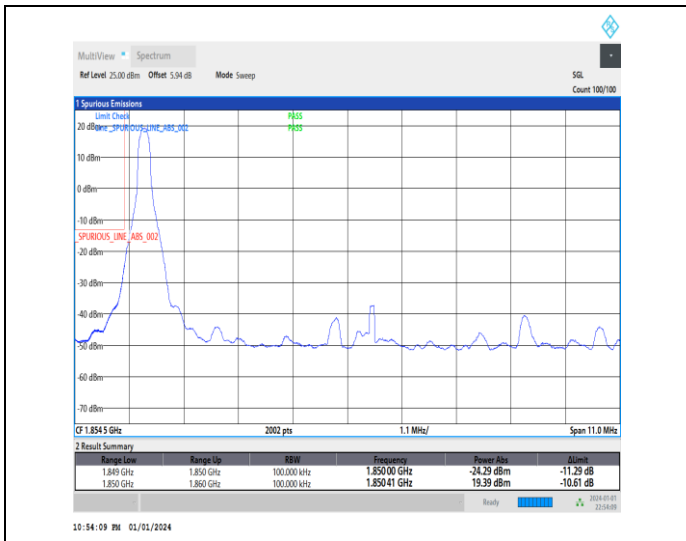
1-N2-15-5-H-6-CP-QPSK-Outer\_Full-25@0-Ant3-1-seegraph-PASS-see graph



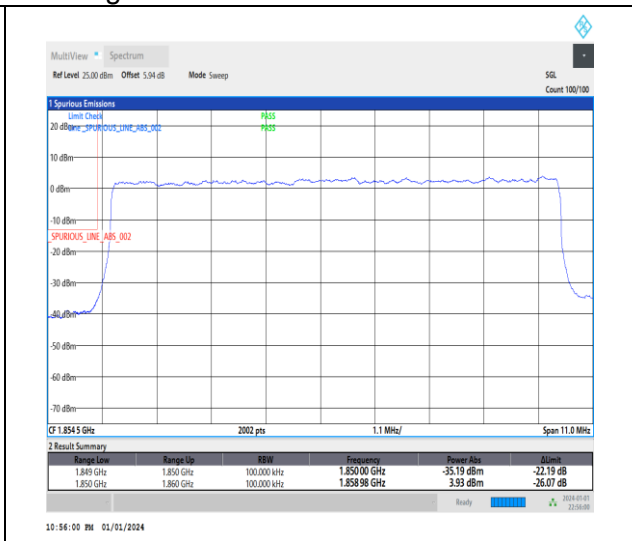
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

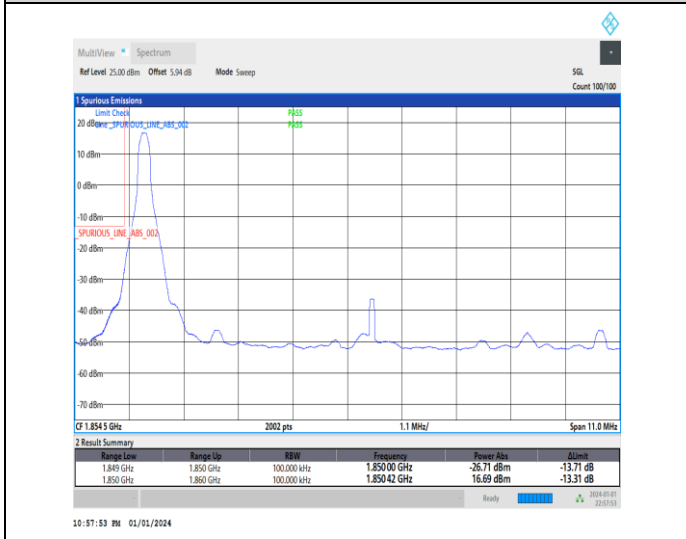
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



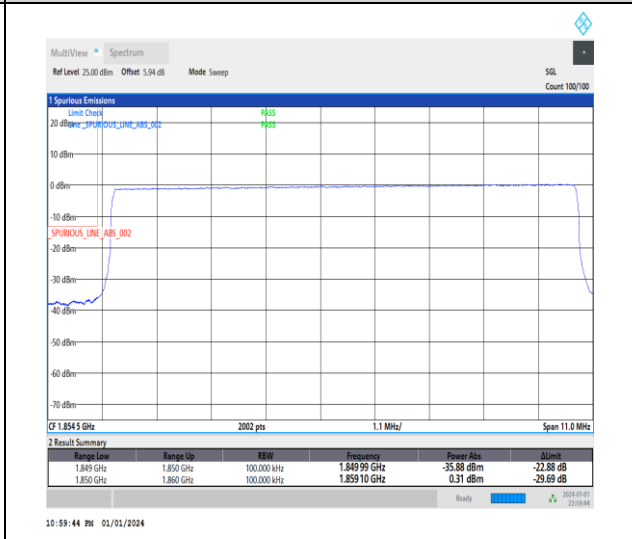
1-N2-15-10-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-A  
 nt3-1-seegraph-PASS-see graph



1-N2-15-10-L-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant3-1-seegraph-PASS-see graph



1-N2-15-10-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant3-1-seegraph-PASS-see graph



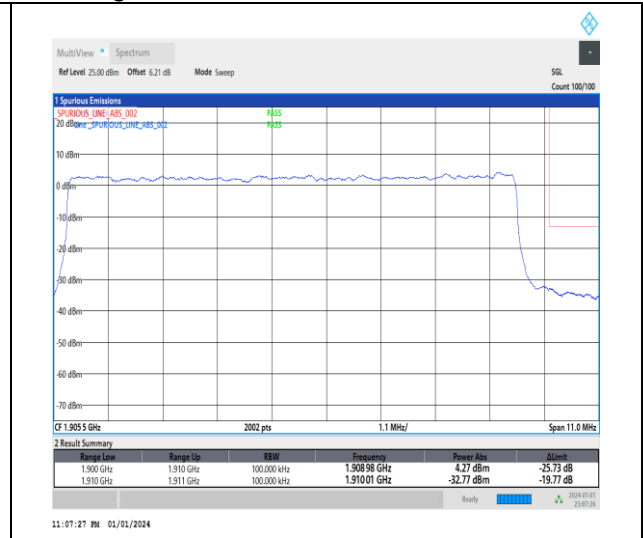
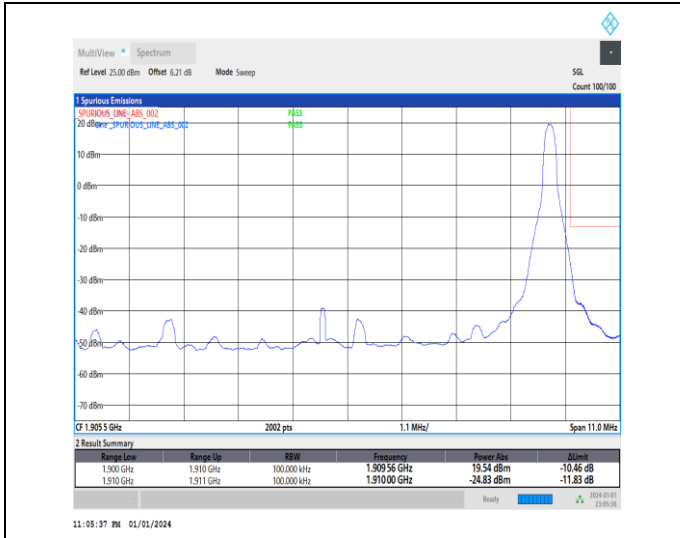
1-N2-15-10-L-6-CP-QPSK-Outer\_Full-52@0-Ant3-1-seegraph-PASS-see graph



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

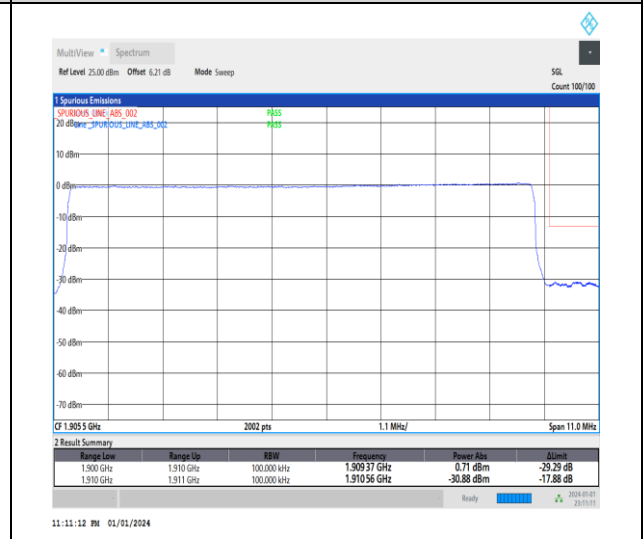
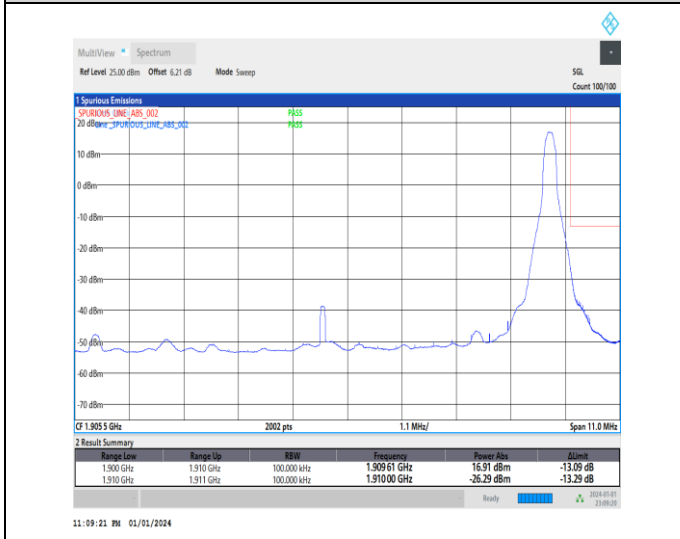
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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-N2-15-10-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@5  
1-Ant3-1-seegraph-PASS-see graph

1-N2-15-10-H-3-DFT-PI2BPSK-Outer\_Full-50@0-  
Ant3-1-seegraph-PASS-see graph



1-N2-15-10-H-5-CP-QPSK-Edge\_1RB\_Right-1@51-An  
t3-1-seegraph-PASS-see graph

1-N2-15-10-H-6-CP-QPSK-Outer\_Full-52@0-Ant3  
-1-seegraph-PASS-see graph

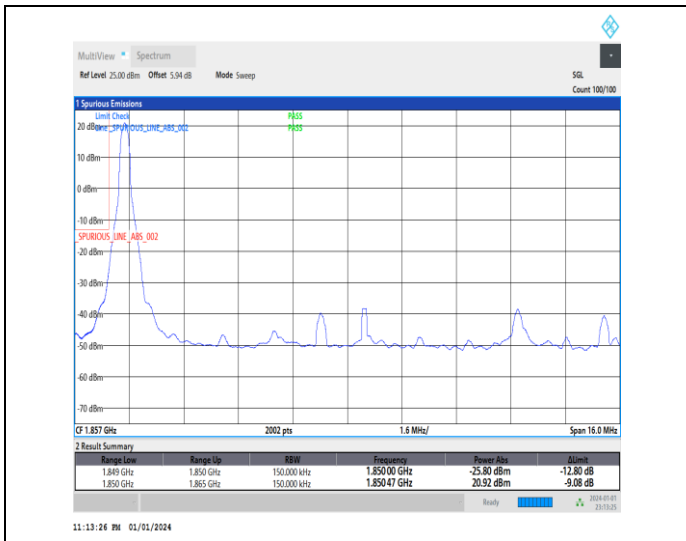


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

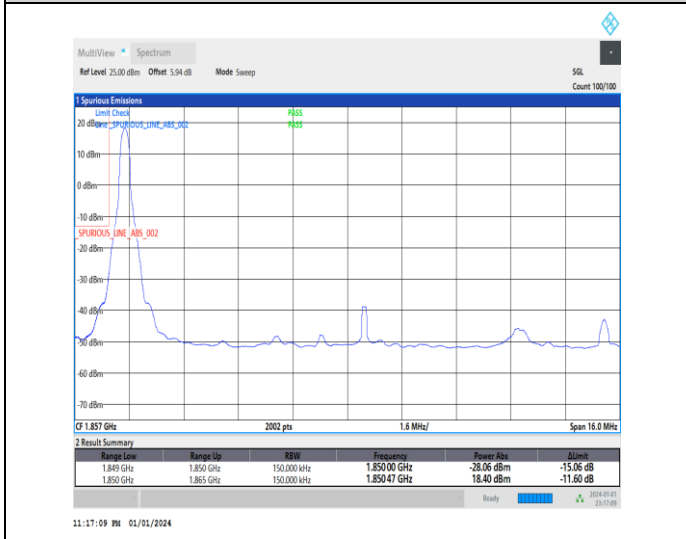
Member of the SGS Group (SGS SA)



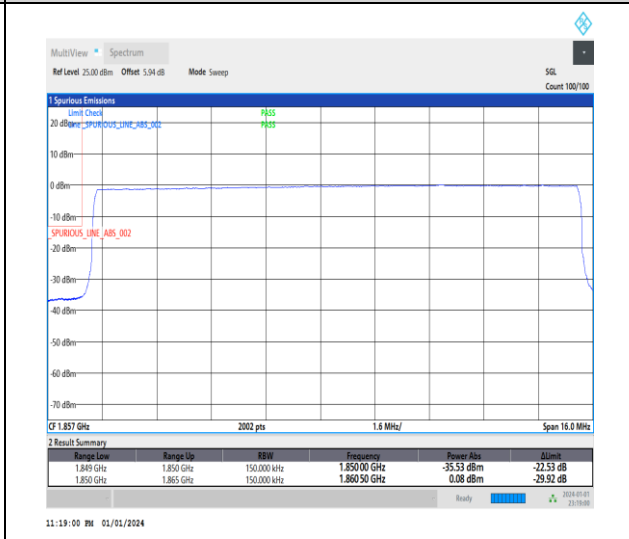
1-N2-15-15-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-A  
 nt3-1-seegraph-PASS-see graph



1-N2-15-15-L-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant3-1-seegraph-PASS-see graph



1-N2-15-15-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant3-1-seegraph-PASS-see graph



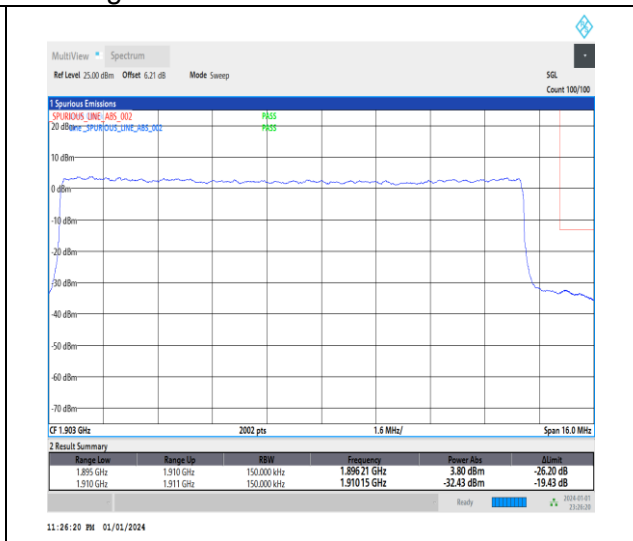
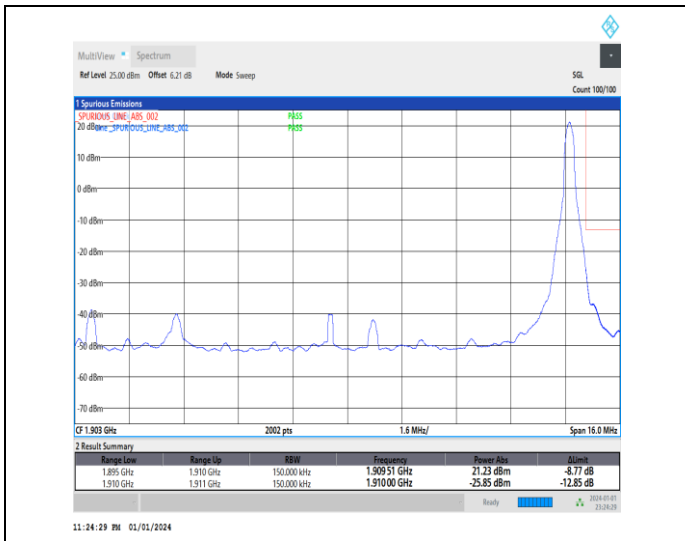
1-N2-15-15-L-6-CP-QPSK-Outer\_Full-79@0-Ant3-1-seegraph-PASS-see graph



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

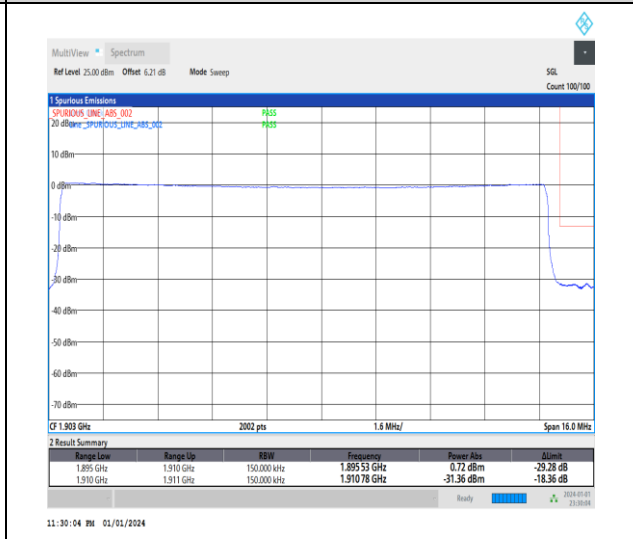
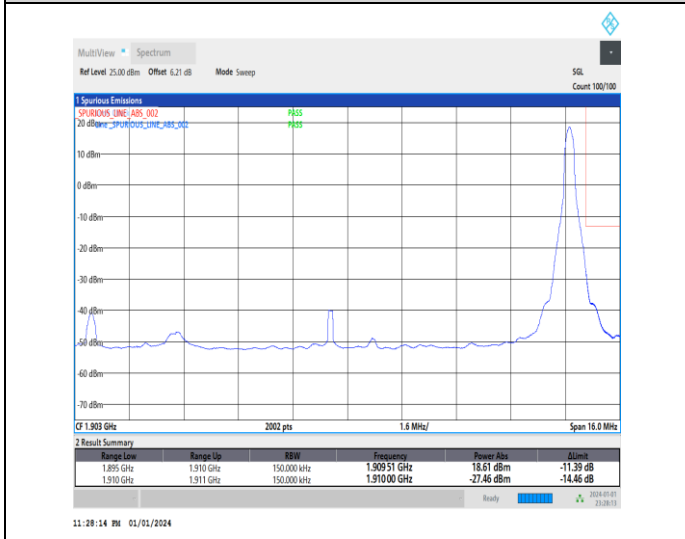
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



1-N2-15-15-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@78-Ant3-1-seegraph-PASS-see graph

1-N2-15-15-H-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant3-1-seegraph-PASS-see graph



1-N2-15-15-H-5-CP-QPSK-Edge\_1RB\_Right-1@78-Ant3-1-seegraph-PASS-see graph

1-N2-15-15-H-6-CP-QPSK-Outer\_Full-79@0-Ant3-1-seegraph-PASS-see graph



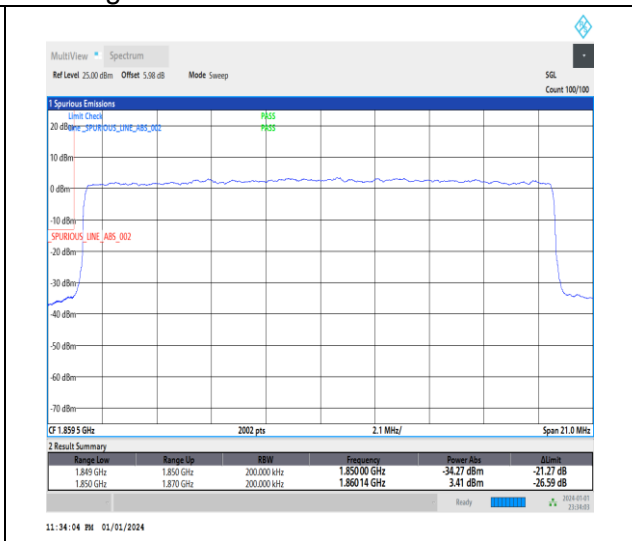
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

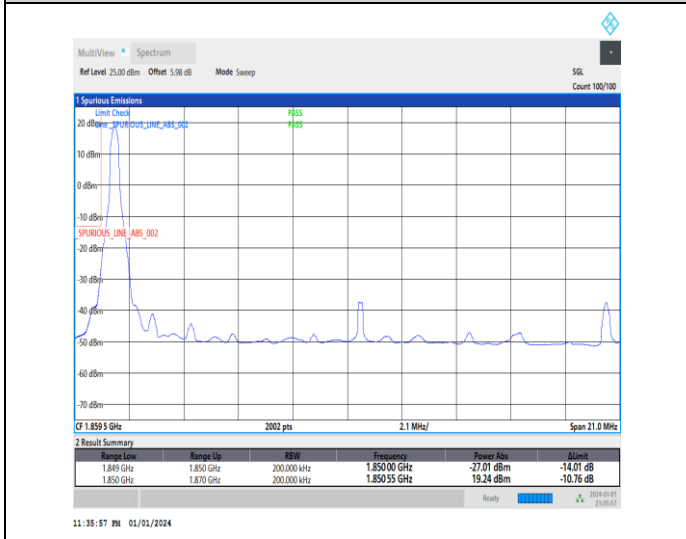
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



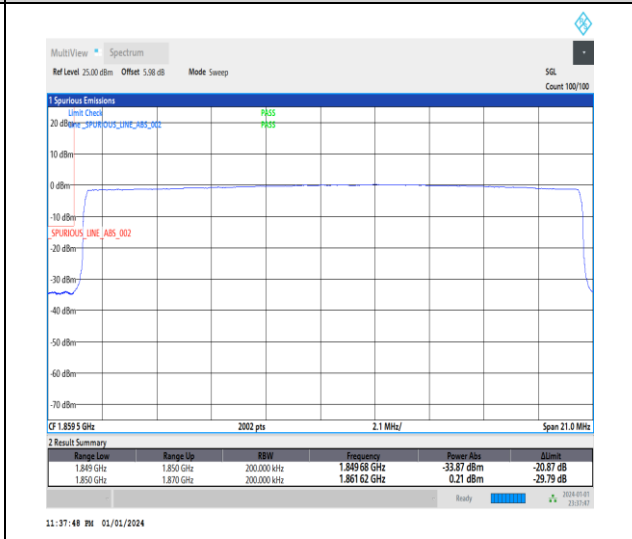
1-N2-15-20-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-A  
 nt3-1-seegraph-PASS-see graph



1-N2-15-20-L-3-DFT-PI2BPSK-Outer\_Full-100@0-A  
 Ant3-1-seegraph-PASS-see graph



1-N2-15-20-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant3-1-seegraph-PASS-see graph



1-N2-15-20-L-6-CP-QPSK-Outer\_Full-106@0-Ant3-1-seegraph-PASS-see graph

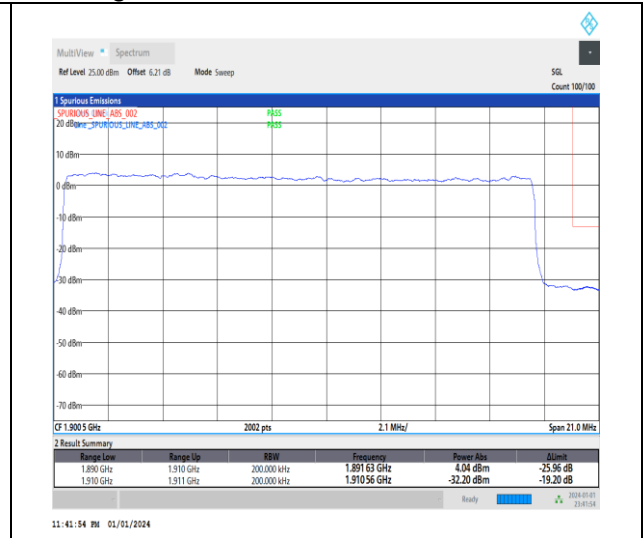
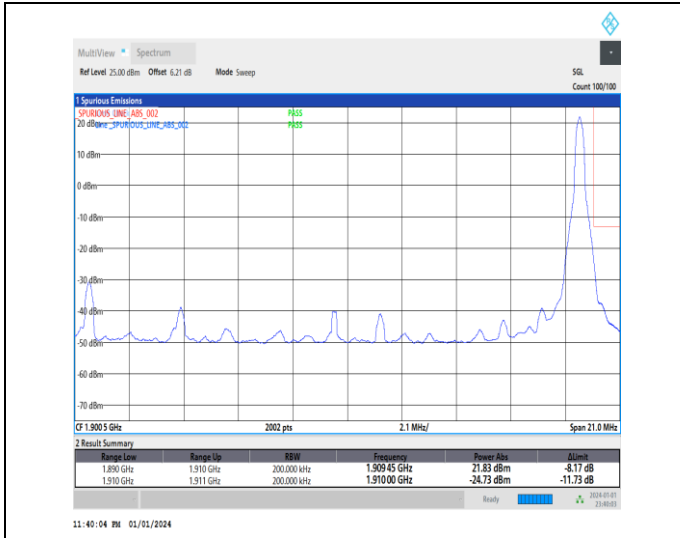


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

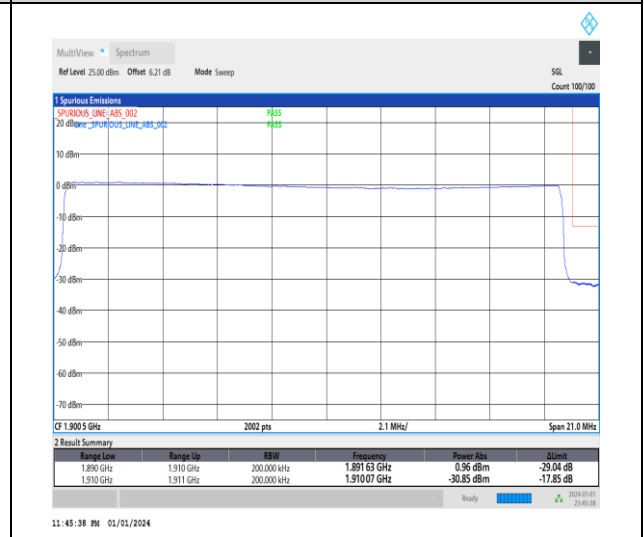
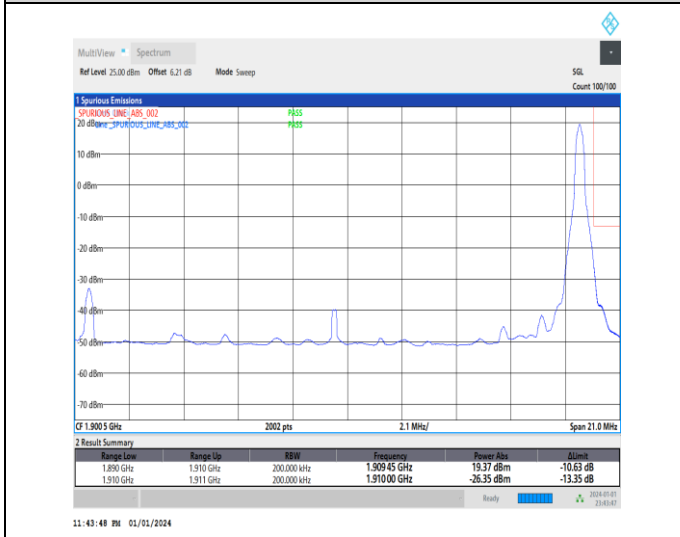
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com





1-N2-15-20-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@105-Ant3-1-seegraph-PASS-see graph

1-N2-15-20-H-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant3-1-seegraph-PASS-see graph



1-N2-15-20-H-5-CP-QPSK-Edge\_1RB\_Right-1@105-Ant3-1-seegraph-PASS-see graph

1-N2-15-20-H-6-CP-QPSK-Outer\_Full-106@0-Ant3-1-seegraph-PASS-see graph



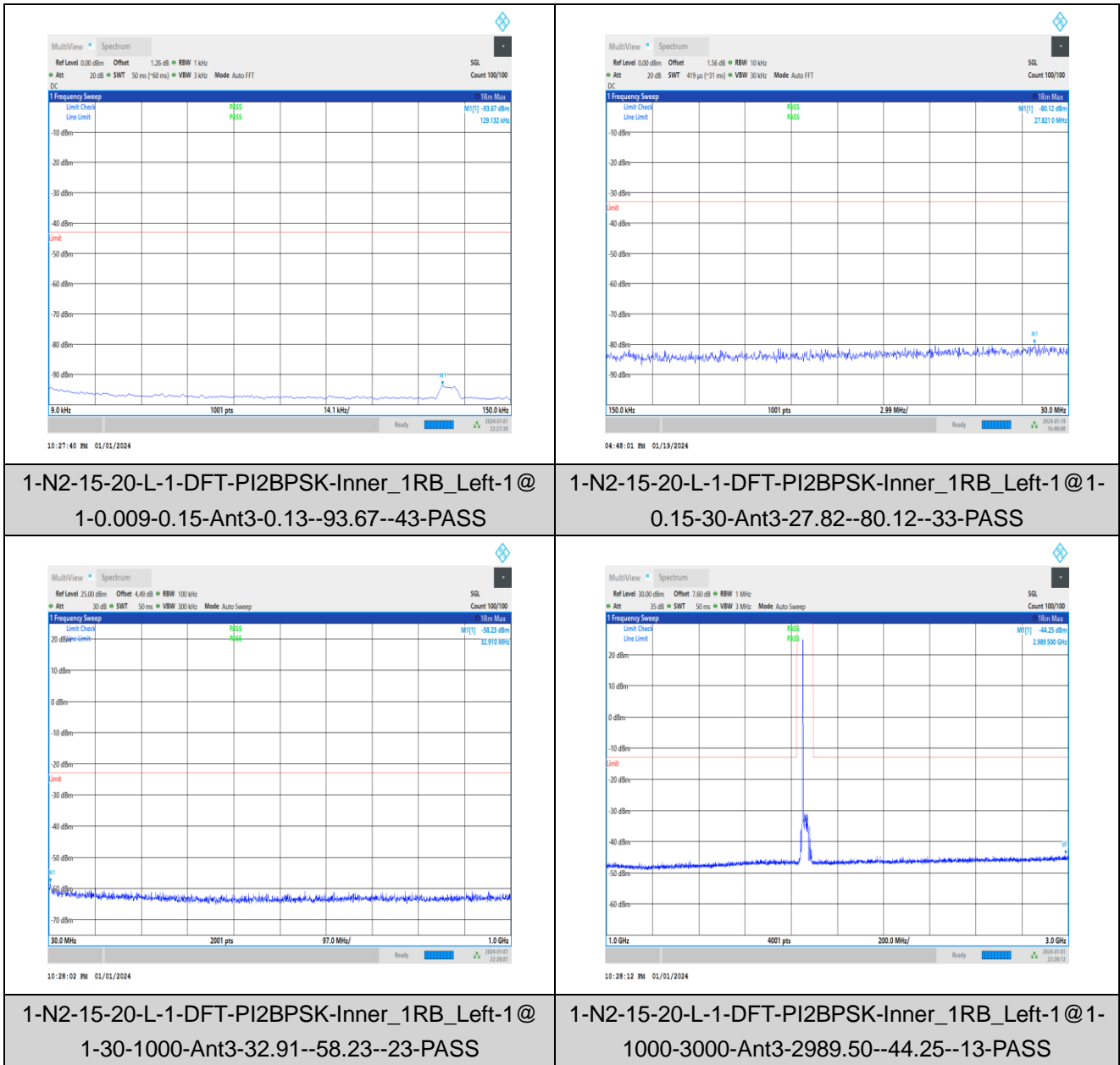
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

## Conducted Spurious Emission for SA

### Test Graphs

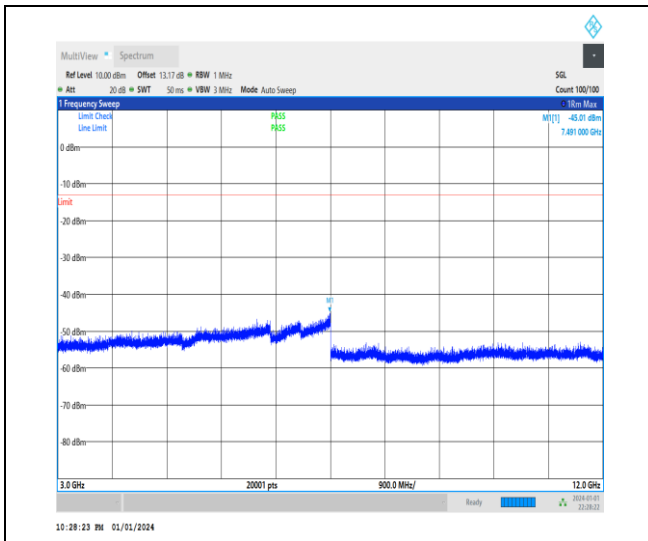


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

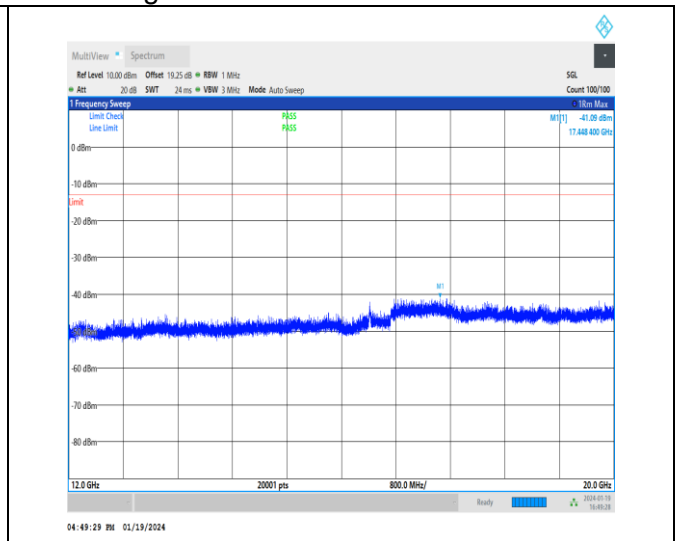
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

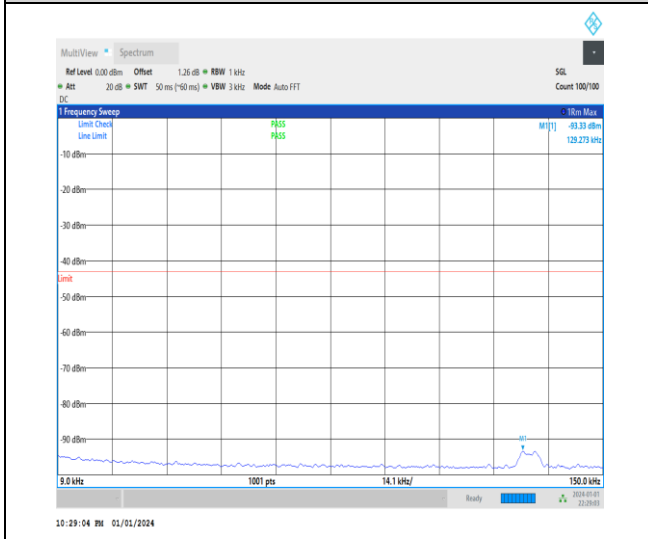
Member of the SGS Group (SGS SA)



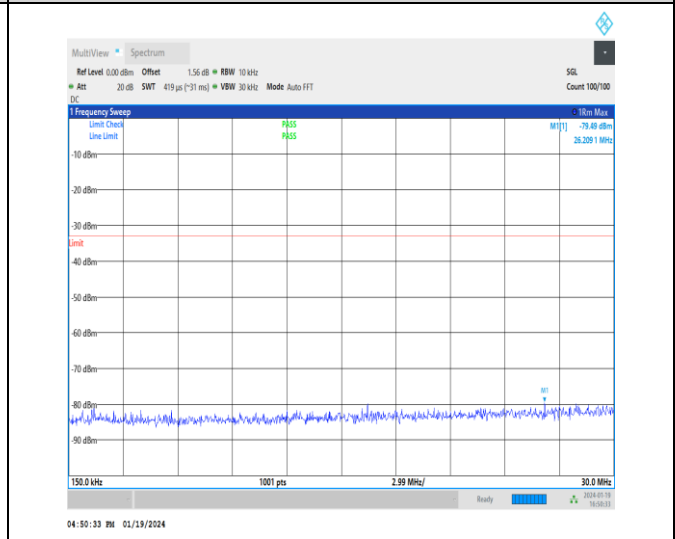
1-N2-15-20-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-3000-12000-Ant3-7491.00--45.01--13-PASS



1-N2-15-20-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-  
12000-20000-Ant3-17448.4--41.09--13-PASS



1-N2-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-0.009-0.15-Ant3-0.13--93.33--43-PASS



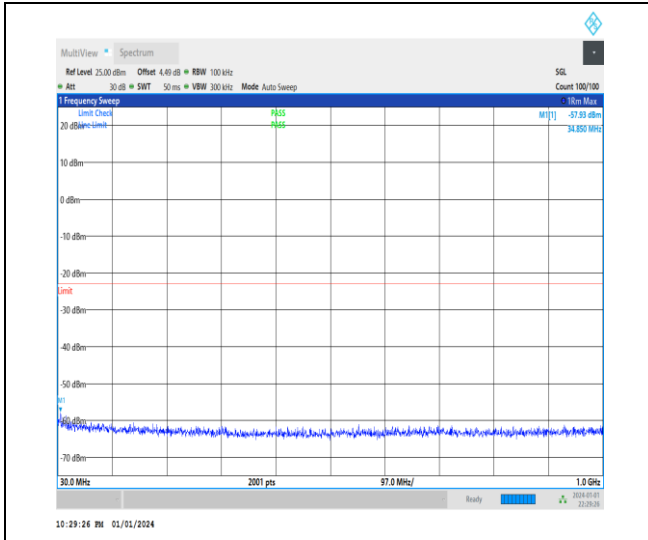
1-N2-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1  
-0.15-30-Ant3-26.21--79.49--33-PASS



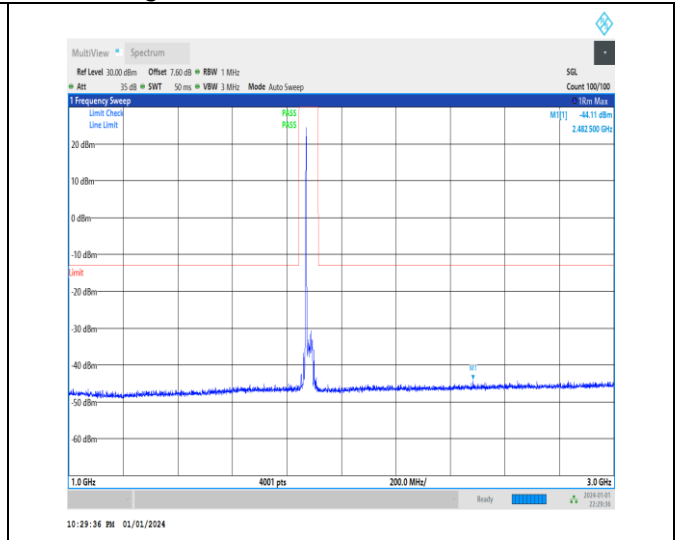
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

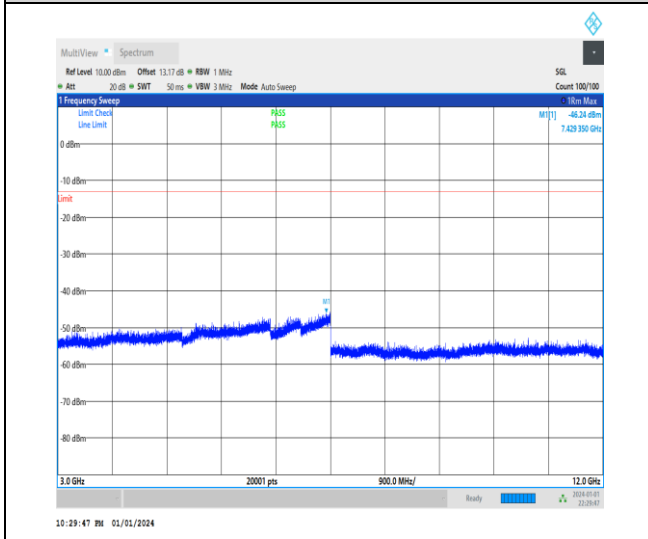
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



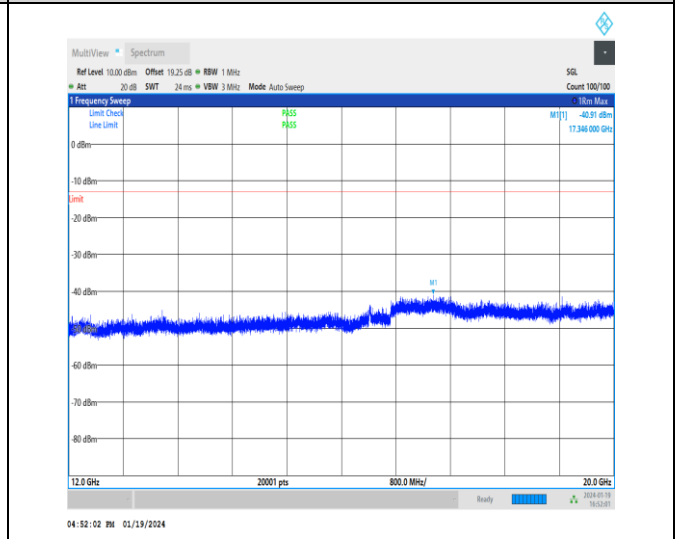
1-N2-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-30-1000-Ant3-34.85--57.93--23-PASS



1-N2-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@ 1  
-1000-3000-Ant3-2482.50--44.11--13-PASS



1-N2-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-3000-12000-Ant3-7429.35--46.24--13-PASS



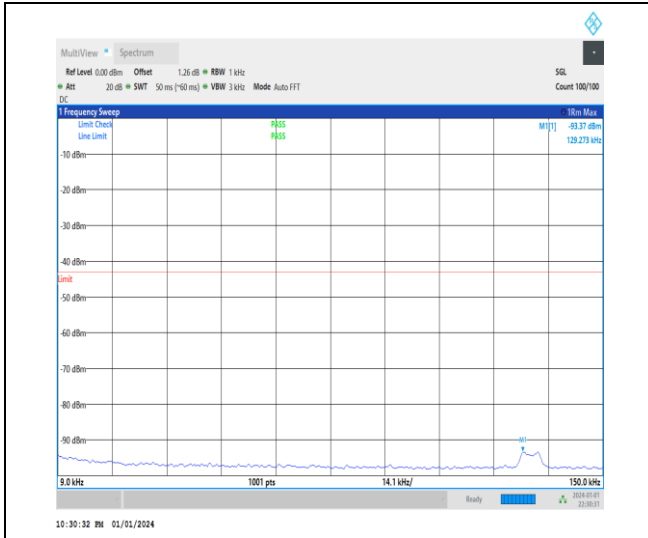
1-N2-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@ 1  
-12000-20000-Ant3-17346.00--40.91--13-PASS



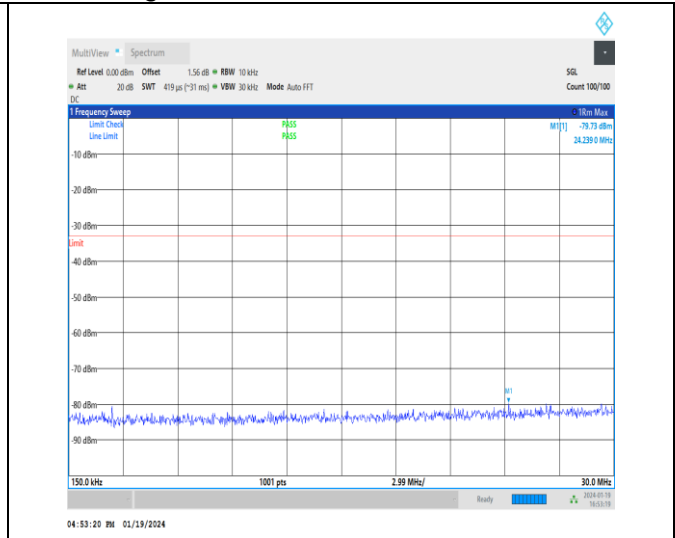
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

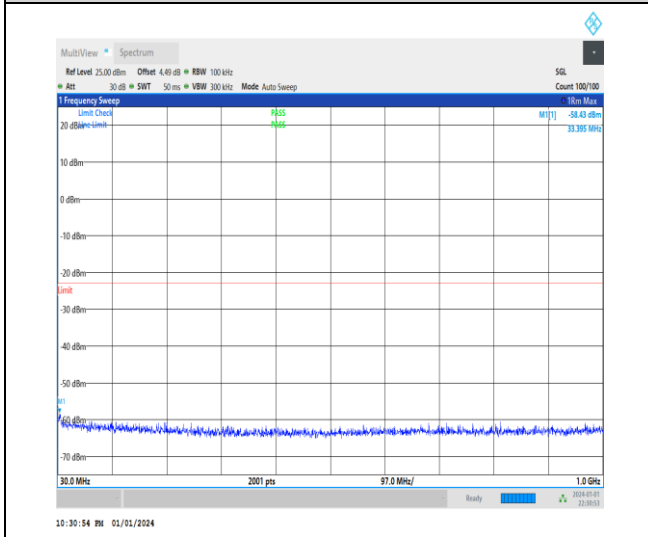
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



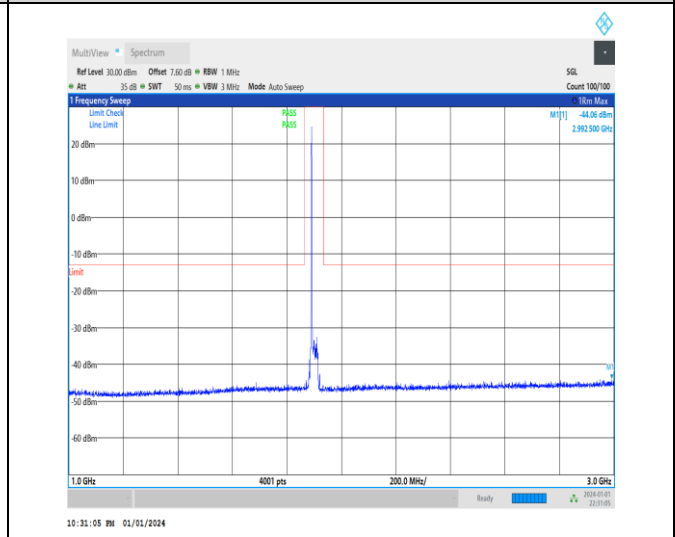
1-N2-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-0.009-0.15-Ant3-0.13--93.37--43-PASS



1-N2-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
-0.15-30-Ant3-24.24--79.73--33-PASS



1-N2-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-30-1000-Ant3-33.40--58.43--23-PASS



1-N2-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
-1000-3000-Ant3-2992.50--44.06--13-PASS

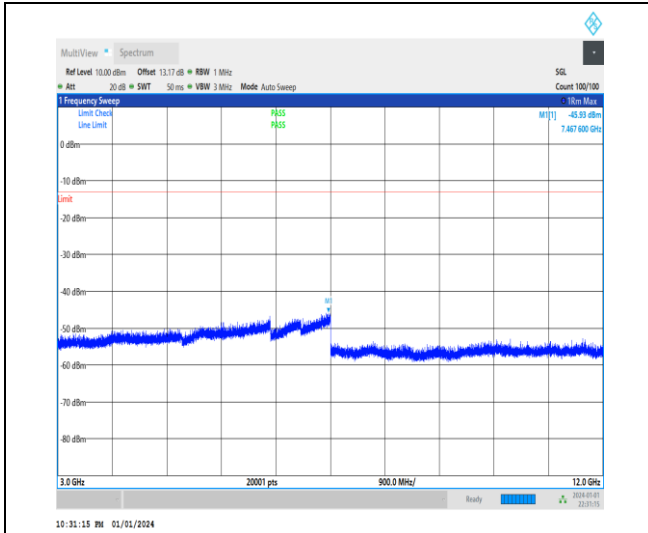


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

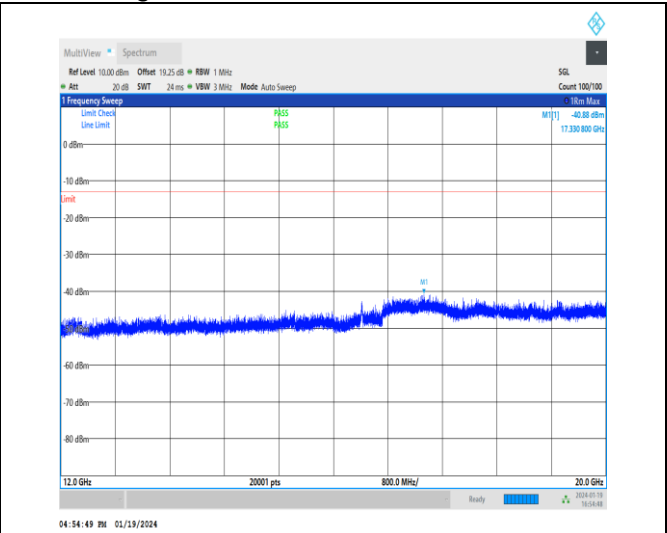
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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



1-N2-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-3000-12000-Ant3-7467.60--45.93--13-PASS



1-N2-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
-12000-20000-Ant3-17300.00--40.88--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

## Field Strength of Spurious Radiation

Test Band = SA Band2\_ 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	3701.25	59.19	-45.51	28.80	-52.77	-13.00	39.77	Horizontal
2	5551.5	52.63	-45.15	32.61	-55.17	-13.00	42.17	Horizontal
3	7404.3600	37.00	-43.40	36.33	-65.32	-13.00	52.32	Horizontal
4	9255.4500	32.79	-40.23	36.79	-65.92	-13.00	52.92	Horizontal
5	11106.5400	27.31	-37.93	38.71	-67.17	-13.00	54.17	Horizontal
6	12957.6300	25.47	-37.24	39.09	-67.94	-13.00	54.94	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3701.25	54.42	-45.51	28.80	-57.54	-13.00	44.54	Vertical
2	5551.5	49.72	-45.15	32.61	-58.08	-13.00	45.08	Vertical
3	7638	38.34	-43.00	36.66	-63.27	-13.00	50.27	Vertical
4	9007.5	35.44	-40.95	36.31	-64.46	-13.00	51.46	Vertical
5	10364.25	32.22	-39.04	38.38	-63.70	-13.00	50.70	Vertical
6	12662.25	27.11	-37.03	39.00	-66.19	-13.00	53.19	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-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 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 Band2\_ 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	3741	62.50	-45.67	28.84	-49.59	-13.00	36.59	Horizontal
2	5611.5	44.15	-45.04	32.62	-63.53	-13.00	50.53	Horizontal
3	7482	40.94	-43.19	36.55	-60.96	-13.00	47.96	Horizontal
4	9648.75	33.70	-39.56	37.53	-63.59	-13.00	50.59	Horizontal
5	11547.75	28.29	-37.11	38.75	-65.33	-13.00	52.33	Horizontal
6	13850.25	26.95	-35.92	40.63	-63.60	-13.00	50.60	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3741	56.03	-45.67	28.84	-56.06	-13.00	43.06	Vertical
2	5611.5	49.83	-45.04	32.62	-57.85	-13.00	44.85	Vertical
3	7482	39.37	-43.19	36.55	-62.53	-13.00	49.53	Vertical
4	9019.5	35.01	-40.87	36.34	-64.79	-13.00	51.79	Vertical
5	11252.25	29.60	-37.41	38.73	-64.34	-13.00	51.34	Vertical
6	12700.5	26.87	-36.68	39.01	-66.06	-13.00	53.06	Vertical



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 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 Band2\_ 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	3780.75	60.90	-45.84	28.88	-51.32	-13.00	38.32	Horizontal
2	5671.5	54.63	-44.91	32.63	-52.91	-13.00	39.91	Horizontal
3	7562.25	40.60	-43.01	36.62	-61.04	-13.00	48.04	Horizontal
4	9607.5	34.18	-39.65	37.45	-63.28	-13.00	50.28	Horizontal
5	11770.5	26.27	-36.95	38.78	-67.16	-13.00	54.16	Horizontal
6	13837.5	26.85	-36.04	40.61	-63.85	-13.00	50.85	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3780.75	55.67	-45.84	28.88	-56.55	-13.00	43.55	Vertical
2	5671.5	53.97	-44.91	32.63	-53.57	-13.00	40.57	Vertical
3	7562.25	40.35	-43.01	36.62	-61.29	-13.00	48.29	Vertical
4	9091.5	34.28	-40.41	36.47	-64.91	-13.00	51.91	Vertical
5	11141.25	28.90	-37.73	38.71	-65.38	-13.00	52.38	Vertical
6	12231.75	27.58	-37.46	38.87	-66.28	-13.00	53.28	Vertical



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

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



Report No.: SEWM2311000466RG02

Rev.: 01

Page: 34 of 38

Test Band = NSA 5A\_N2A\_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	3702.1800	40.84	-45.51	28.80	-71.13	-13.00	58.13	Horizontal
2	5553.2700	39.69	-45.15	32.61	-68.11	-13.00	55.11	Horizontal
3	7404.3600	37.39	-43.40	36.33	-64.93	-13.00	51.93	Horizontal
4	9255.4500	33.05	-40.23	36.79	-65.66	-13.00	52.66	Horizontal
5	11106.5400	28.06	-37.93	38.71	-66.42	-13.00	53.42	Horizontal
6	12957.6300	26.45	-37.24	39.09	-66.96	-13.00	53.96	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.1800	40.36	-45.51	28.80	-71.61	-13.00	58.61	Vertical
2	5553.2700	39.33	-45.15	32.61	-68.47	-13.00	55.47	Vertical
3	7404.3600	37.80	-43.40	36.33	-64.52	-13.00	51.52	Vertical
4	9255.4500	32.63	-40.23	36.79	-66.08	-13.00	53.08	Vertical
5	11106.5400	27.85	-37.93	38.71	-66.63	-13.00	53.63	Vertical
6	12957.6300	25.92	-37.24	39.09	-67.49	-13.00	54.49	Vertical



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

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

Test Band = NSA 5A\_N2A\_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	3742.1800	39.91	-45.68	28.84	-72.19	-13.00	59.19	Horizontal
2	5613.2700	39.04	-45.04	32.62	-68.64	-13.00	55.64	Horizontal
3	7484.3600	36.62	-43.18	36.56	-65.26	-13.00	52.26	Horizontal
4	9355.4500	32.17	-40.00	36.98	-66.12	-13.00	53.12	Horizontal
5	11226.5400	29.38	-37.40	38.72	-64.56	-13.00	51.56	Horizontal
6	13097.6300	25.69	-37.01	39.28	-67.30	-13.00	54.30	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.1800	40.23	-45.68	28.84	-71.87	-13.00	58.87	Vertical
2	5613.2700	39.27	-45.04	32.62	-68.41	-13.00	55.41	Vertical
3	7484.3600	36.31	-43.18	36.56	-65.57	-13.00	52.57	Vertical
4	9355.4500	32.20	-40.00	36.98	-66.09	-13.00	53.09	Vertical
5	11226.5400	28.46	-37.40	38.72	-65.48	-13.00	52.48	Vertical
6	13097.6300	25.32	-37.01	39.28	-67.67	-13.00	54.67	Vertical



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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](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 = NSA 5A\_N2A\_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	3782.1800	41.03	-45.85	28.88	-71.19	-13.00	58.19	Horizontal
2	5673.2700	40.10	-44.91	32.63	-67.43	-13.00	54.43	Horizontal
3	7564.3600	36.78	-43.00	36.63	-64.86	-13.00	51.86	Horizontal
4	9455.4500	33.02	-40.05	37.17	-65.13	-13.00	52.13	Horizontal
5	11346.5400	28.51	-37.40	38.73	-65.41	-13.00	52.41	Horizontal
6	13237.6300	24.99	-37.08	39.53	-67.82	-13.00	54.82	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.1800	40.46	-45.85	28.88	-71.76	-13.00	58.76	Vertical
2	5673.2700	38.97	-44.91	32.63	-68.56	-13.00	55.56	Vertical
3	7564.3600	37.03	-43.00	36.63	-64.61	-13.00	51.61	Vertical
4	9455.4500	33.21	-40.05	37.17	-64.94	-13.00	51.94	Vertical
5	11346.5400	28.15	-37.40	38.73	-65.77	-13.00	52.77	Vertical
6	13237.6300	24.82	-37.08	39.53	-67.99	-13.00	54.99	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



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

## 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
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	0.300000	0.000160	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-5.400000	-0.002872	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-3.700000	-0.001968	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VH	NT	3.000000	0.001596	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VN	NT	1.000000	0.000532	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VL	NT	-1.200000	-0.000638	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
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-3.400000	-0.001809	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-7.300000	-0.003883	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-2.800000	-0.001489	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-2.400000	-0.001277	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-1.600000	-0.000851	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-2.000000	-0.001064	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-6.800000	-0.003617	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	0.400000	0.000213	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-3.100000	-0.001649	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-30	1.500000	0.000798	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-20	1.900000	0.001011	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-10	0.500000	0.000266	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	0	0.900000	0.000479	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	10	1.000000	0.000532	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	20	2.800000	0.001489	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	30	2.800000	0.001489	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	40	0.900000	0.000479	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	50	1.500000	0.000798	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)

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号厂房南面 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)