

Report No.: SEWM2304000122RG02  
Rev.: 01  
Page: 1 of 61

# Appendix B.28

## 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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.  
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN\\_Doccheck@sgs.com](mailto:CN_Doccheck@sgs.com)

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

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

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

**Test Result**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power ( dBm )	EIRP ( dBm )	Limit ( dBm )	Verdict
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	24.28	24.53	33.00	PASS
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	24.21	24.46	33.00	PASS
N2	15	5	DFT-PI2BPSK	L	Outer_Full	23.75	24.00	33.00	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Left	24.22	24.47	33.00	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Right	24.08	24.33	33.00	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	23.27	23.52	33.00	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Left	23.26	23.51	33.00	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Right	23.19	23.44	33.00	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	22.35	22.60	33.00	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Left	22.01	22.26	33.00	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Right	21.91	22.16	33.00	PASS
N2	15	5	DFT-64QAM	L	Outer_Full	21.80	22.05	33.00	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Left	19.26	19.51	33.00	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Right	19.14	19.39	33.00	PASS
N2	15	5	DFT-256QAM	L	Outer_Full	19.74	19.99	33.00	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	24.49	24.74	33.00	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	24.38	24.63	33.00	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	23.94	24.19	33.00	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Left	24.38	24.63	33.00	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Right	24.27	24.52	33.00	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	23.47	23.72	33.00	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Left	23.39	23.64	33.00	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Right	23.31	23.56	33.00	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	22.52	22.77	33.00	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Left	22.16	22.41	33.00	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Right	22.15	22.40	33.00	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	21.92	22.17	33.00	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Left	19.51	19.76	33.00	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Right	19.37	19.62	33.00	PASS
N2	15	5	DFT-256QAM	M	Outer_Full	19.87	20.12	33.00	PASS
N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	24.37	24.62	33.00	PASS
N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	24.26	24.51	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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing inspection reports & certificates, please contact us at telephone: (86-512) 62962980, or email: CN\_Quechac@sgs.com

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

t (86-512) 62962980 www.sgs.com.cn  
 t (86-512) 62962980 sgs.china@sgs.com





N2	15	5	DFT-PI2BPSK	H	Outer_Full	23.82	24.07	33.00	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Left	24.27	24.52	33.00	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Right	24.18	24.43	33.00	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	23.33	23.58	33.00	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Left	23.29	23.54	33.00	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Right	23.29	23.54	33.00	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	22.40	22.65	33.00	PASS
N2	15	5	DFT-64QAM	H	Inner_1RB_Left	22.11	22.36	33.00	PASS
N2	15	5	DFT-64QAM	H	Inner_1RB_Right	22.02	22.27	33.00	PASS
N2	15	5	DFT-64QAM	H	Outer_Full	21.83	22.08	33.00	PASS
N2	15	5	DFT-256QAM	H	Inner_1RB_Left	19.44	19.69	33.00	PASS
N2	15	5	DFT-256QAM	H	Inner_1RB_Right	19.25	19.50	33.00	PASS
N2	15	5	DFT-256QAM	H	Outer_Full	19.77	20.02	33.00	PASS
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	24.29	24.54	33.00	PASS
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	24.27	24.52	33.00	PASS
N2	15	10	DFT-PI2BPSK	L	Outer_Full	23.74	23.99	33.00	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Left	24.16	24.41	33.00	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Right	24.16	24.41	33.00	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	23.20	23.45	33.00	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Left	23.15	23.40	33.00	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Right	23.21	23.46	33.00	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	22.24	22.49	33.00	PASS
N2	15	10	DFT-64QAM	L	Inner_1RB_Left	22.07	22.32	33.00	PASS
N2	15	10	DFT-64QAM	L	Inner_1RB_Right	22.02	22.27	33.00	PASS
N2	15	10	DFT-64QAM	L	Outer_Full	21.76	22.01	33.00	PASS
N2	15	10	DFT-256QAM	L	Inner_1RB_Left	19.30	19.55	33.00	PASS
N2	15	10	DFT-256QAM	L	Inner_1RB_Right	19.29	19.54	33.00	PASS
N2	15	10	DFT-256QAM	L	Outer_Full	19.69	19.94	33.00	PASS
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	24.49	24.74	33.00	PASS
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	24.38	24.63	33.00	PASS
N2	15	10	DFT-PI2BPSK	M	Outer_Full	23.95	24.20	33.00	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Left	24.38	24.63	33.00	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Right	24.26	24.51	33.00	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	23.44	23.69	33.00	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Left	23.38	23.63	33.00	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Right	23.33	23.58	33.00	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	22.44	22.69	33.00	PASS
N2	15	10	DFT-64QAM	M	Inner_1RB_Left	22.20	22.45	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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing (inspection) reports & certificates, please contact us at telephone: (86-512) 62962980, or email: CN\_Qwch@china.sgs.com

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

t (86-512) 62962980 www.sgs.com.cn  
 t (86-512) 62962980 sgs.china@sgs.com





N2	15	10	DFT-64QAM	M	Inner_1RB_Right	22.05	22.30	33.00	PASS
N2	15	10	DFT-64QAM	M	Outer_Full	22.00	22.25	33.00	PASS
N2	15	10	DFT-256QAM	M	Inner_1RB_Left	19.41	19.66	33.00	PASS
N2	15	10	DFT-256QAM	M	Inner_1RB_Right	19.38	19.63	33.00	PASS
N2	15	10	DFT-256QAM	M	Outer_Full	19.90	20.15	33.00	PASS
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	24.41	24.66	33.00	PASS
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	24.35	24.60	33.00	PASS
N2	15	10	DFT-PI2BPSK	H	Outer_Full	23.91	24.16	33.00	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Left	24.36	24.61	33.00	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Right	24.21	24.46	33.00	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	23.40	23.65	33.00	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Left	23.42	23.67	33.00	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Right	23.26	23.51	33.00	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	22.35	22.60	33.00	PASS
N2	15	10	DFT-64QAM	H	Inner_1RB_Left	22.15	22.40	33.00	PASS
N2	15	10	DFT-64QAM	H	Inner_1RB_Right	22.07	22.32	33.00	PASS
N2	15	10	DFT-64QAM	H	Outer_Full	21.92	22.17	33.00	PASS
N2	15	10	DFT-256QAM	H	Inner_1RB_Left	19.39	19.64	33.00	PASS
N2	15	10	DFT-256QAM	H	Inner_1RB_Right	19.32	19.57	33.00	PASS
N2	15	10	DFT-256QAM	H	Outer_Full	19.85	20.10	33.00	PASS
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	24.51	24.76	33.00	PASS
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	24.50	24.75	33.00	PASS
N2	15	15	DFT-PI2BPSK	L	Outer_Full	23.91	24.16	33.00	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Left	24.33	24.58	33.00	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Right	24.36	24.61	33.00	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	23.41	23.66	33.00	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Left	23.36	23.61	33.00	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Right	23.43	23.68	33.00	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	22.49	22.74	33.00	PASS
N2	15	15	DFT-64QAM	L	Inner_1RB_Left	22.23	22.48	33.00	PASS
N2	15	15	DFT-64QAM	L	Inner_1RB_Right	22.12	22.37	33.00	PASS
N2	15	15	DFT-64QAM	L	Outer_Full	22.03	22.28	33.00	PASS
N2	15	15	DFT-256QAM	L	Inner_1RB_Left	19.48	19.73	33.00	PASS
N2	15	15	DFT-256QAM	L	Inner_1RB_Right	19.38	19.63	33.00	PASS
N2	15	15	DFT-256QAM	L	Outer_Full	19.97	20.22	33.00	PASS
N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	24.56	24.81	33.00	PASS
N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	24.49	24.74	33.00	PASS
N2	15	15	DFT-PI2BPSK	M	Outer_Full	24.07	24.32	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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing (inspection) reports & certificates, please contact us at telephone: (86-512) 62962980, or email: CN\_Quechac@sgs.com

South of No. 8 Road, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone: 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润生路1号的4号厂房南楼 邮编: 215000

t (86-512) 62962980 www.sgs.com.cn  
 t (86-512) 62962980 sgs.china@sgs.com





N2	15	15	DFT-QPSK	M	Inner_1RB_Left	24.44	24.69	33.00	PASS
N2	15	15	DFT-QPSK	M	Inner_1RB_Right	24.53	24.78	33.00	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	23.56	23.81	33.00	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Left	23.50	23.75	33.00	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Right	23.46	23.71	33.00	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	22.60	22.85	33.00	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Left	22.26	22.51	33.00	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Right	22.26	22.51	33.00	PASS
N2	15	15	DFT-64QAM	M	Outer_Full	22.10	22.35	33.00	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Left	19.57	19.82	33.00	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Right	19.56	19.81	33.00	PASS
N2	15	15	DFT-256QAM	M	Outer_Full	20.04	20.29	33.00	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	24.52	24.77	33.00	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	24.47	24.72	33.00	PASS
N2	15	15	DFT-PI2BPSK	H	Outer_Full	24.05	24.30	33.00	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Left	24.44	24.69	33.00	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Right	24.32	24.57	33.00	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	23.53	23.78	33.00	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Left	23.50	23.75	33.00	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Right	23.39	23.64	33.00	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	22.61	22.86	33.00	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Left	22.23	22.48	33.00	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Right	22.22	22.47	33.00	PASS
N2	15	15	DFT-64QAM	H	Outer_Full	22.11	22.36	33.00	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Left	19.52	19.77	33.00	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Right	19.39	19.64	33.00	PASS
N2	15	15	DFT-256QAM	H	Outer_Full	20.04	20.29	33.00	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	24.52	24.77	33.00	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	24.54	24.79	33.00	PASS
N2	15	20	DFT-PI2BPSK	L	Outer_Full	24.01	24.26	33.00	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Left	24.44	24.69	33.00	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Right	24.50	24.75	33.00	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	23.57	23.82	33.00	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Left	23.43	23.68	33.00	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Right	23.56	23.81	33.00	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	22.50	22.75	33.00	PASS
N2	15	20	DFT-64QAM	L	Inner_1RB_Left	22.28	22.53	33.00	PASS
N2	15	20	DFT-64QAM	L	Inner_1RB_Right	22.30	22.55	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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing (inspection) reports & certificates, please contact us at telephone: (86-512) 62962980, or email: CN\_Qwch@china.sgs.com

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

t (86-512) 62962980 www.sgs.com.cn  
 t (86-512) 62962980 sgs.china@sgs.com





N2	15	20	DFT-64QAM	L	Outer_Full	22.10	22.35	33.00	PASS
N2	15	20	DFT-256QAM	L	Inner_1RB_Left	19.48	19.73	33.00	PASS
N2	15	20	DFT-256QAM	L	Inner_1RB_Right	19.57	19.82	33.00	PASS
N2	15	20	DFT-256QAM	L	Outer_Full	20.04	20.29	33.00	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	24.58	24.83	33.00	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	24.63	24.88	33.00	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	24.11	24.36	33.00	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Left	24.51	24.76	33.00	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Right	24.48	24.73	33.00	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	23.58	23.83	33.00	PASS
N2	15	20	DFT-16QAM	M	Inner_1RB_Left	23.51	23.76	33.00	PASS
N2	15	20	DFT-16QAM	M	Inner_1RB_Right	23.56	23.81	33.00	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	22.60	22.85	33.00	PASS
N2	15	20	DFT-64QAM	M	Inner_1RB_Left	22.40	22.65	33.00	PASS
N2	15	20	DFT-64QAM	M	Inner_1RB_Right	22.29	22.54	33.00	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	22.18	22.43	33.00	PASS
N2	15	20	DFT-256QAM	M	Inner_1RB_Left	19.54	19.79	33.00	PASS
N2	15	20	DFT-256QAM	M	Inner_1RB_Right	19.51	19.76	33.00	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	20.15	20.40	33.00	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	24.56	24.81	33.00	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	24.47	24.72	33.00	PASS
N2	15	20	DFT-PI2BPSK	H	Outer_Full	24.00	24.25	33.00	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Left	24.38	24.63	33.00	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Right	24.37	24.62	33.00	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	23.48	23.73	33.00	PASS
N2	15	20	DFT-16QAM	H	Inner_1RB_Left	23.40	23.65	33.00	PASS
N2	15	20	DFT-16QAM	H	Inner_1RB_Right	23.39	23.64	33.00	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	22.54	22.79	33.00	PASS
N2	15	20	DFT-64QAM	H	Inner_1RB_Left	22.26	22.51	33.00	PASS
N2	15	20	DFT-64QAM	H	Inner_1RB_Right	22.20	22.45	33.00	PASS
N2	15	20	DFT-64QAM	H	Outer_Full	22.11	22.36	33.00	PASS
N2	15	20	DFT-256QAM	H	Inner_1RB_Left	19.51	19.76	33.00	PASS
N2	15	20	DFT-256QAM	H	Inner_1RB_Right	19.37	19.62	33.00	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	20.05	20.30	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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing (inspection) reports & certificates, please contact us at telephone: (86-512) 62962980, or email: [CN.Quechaclo@sgs.com](mailto:CN.Quechaclo@sgs.com)

South of No. 6 Road, 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) 62962980 www.sgs.com.cn  
 t (86-512) 62962980 sgs.china@sgs.com

## Peak-to-Average Ratio for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N2	15	20	DFT-256QAM	L	Outer_Full	100%	0.00	8.82	≤13	PASS
N2	15	20	CP-256QAM	L	Outer_Full	100%	0.00	9.57	≤13	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	8.75	≤13	PASS
N2	15	20	CP-256QAM	M	Outer_Full	100%	0.00	9.93	≤13	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	8.71	≤13	PASS
N2	15	20	CP-256QAM	H	Outer_Full	100%	0.00	10.00	≤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.

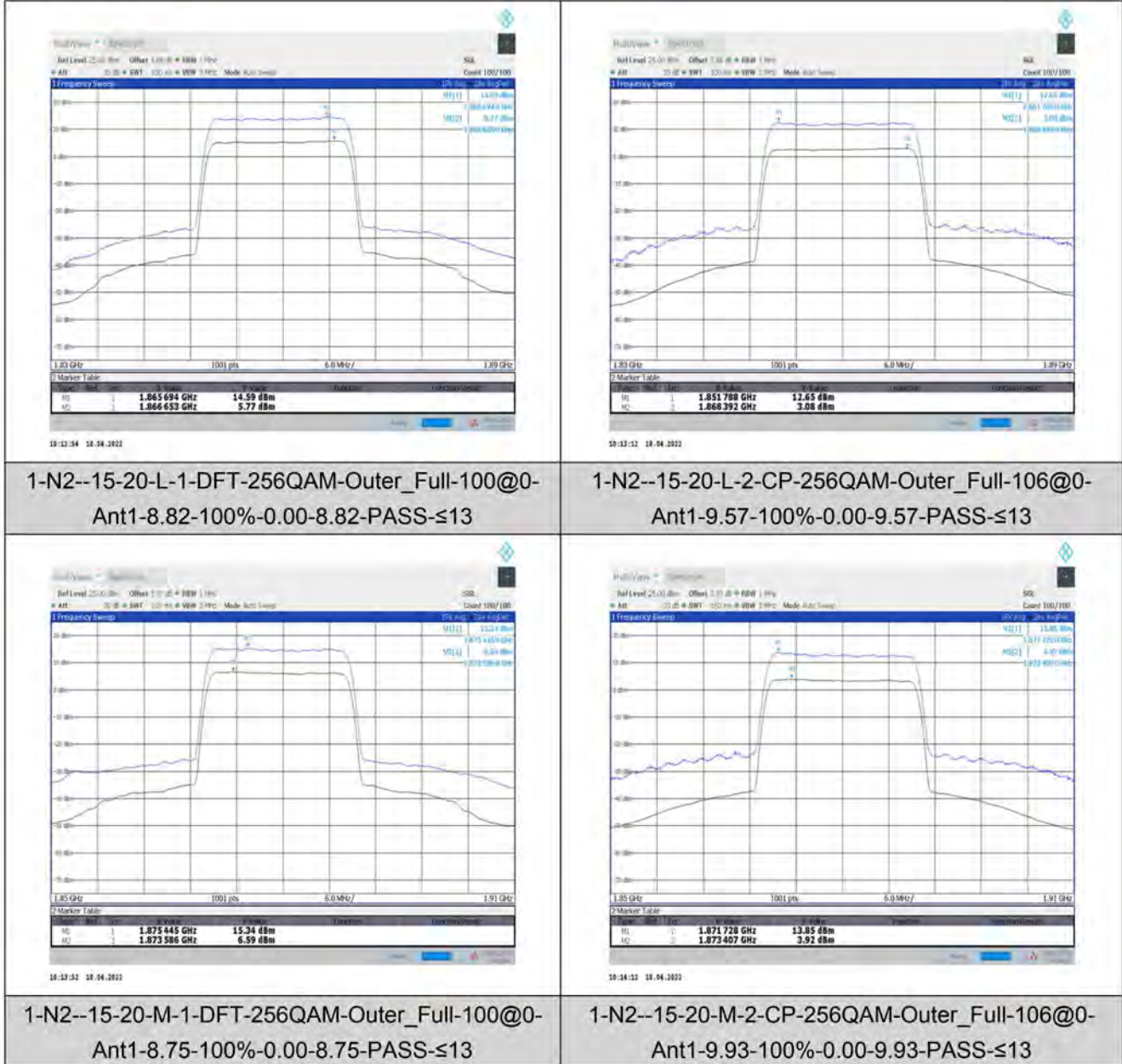
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-153) 6307 1443, or email: CN\_Overcheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pkz 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) 62962980 www.sgs.com.cn  
 t (86-512) 62962980 sgs.china@sgs.com



Test Graphs

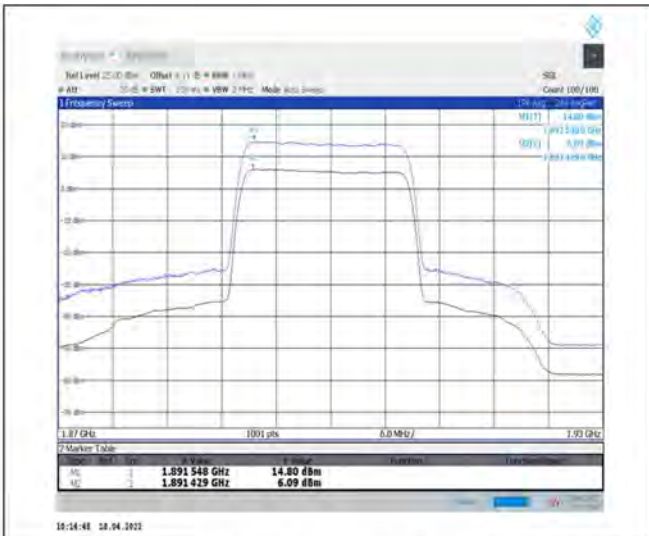


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

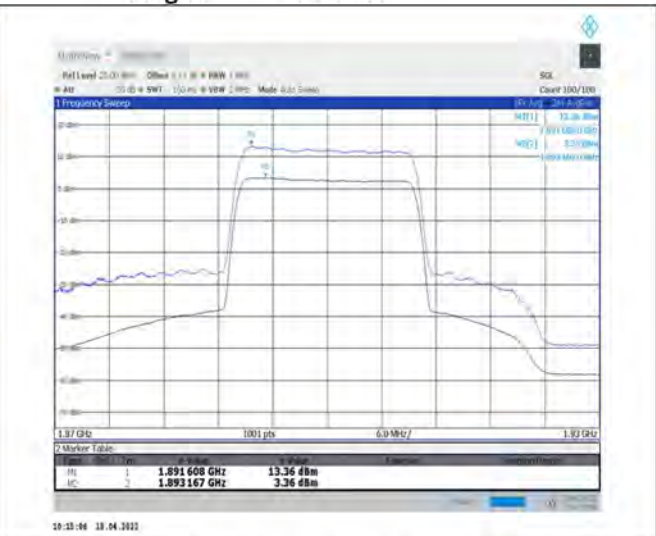
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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





1-N2--15-20-H-1-DFT-256QAM-Outer\_Full-100@0-  
Ant1-8.71-100%-0.00-8.71-PASS-≤13



1-N2--15-20-H-2-CP-256QAM-Outer\_Full-106@0-  
Ant1-10.00-100%-0.00-10.00-PASS-≤13



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1444, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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

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



## Modulation characteristics for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N2	15	20	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	see graph	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	see graph	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	see graph	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	see graph	PASS
N2	15	20	CP-QPSK	M	Outer_Full	see graph	PASS
N2	15	20	CP-16QAM	M	Outer_Full	see graph	PASS
N2	15	20	CP-64QAM	M	Outer_Full	see graph	PASS
N2	15	20	CP-256QAM	M	Outer_Full	see graph	PASS



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

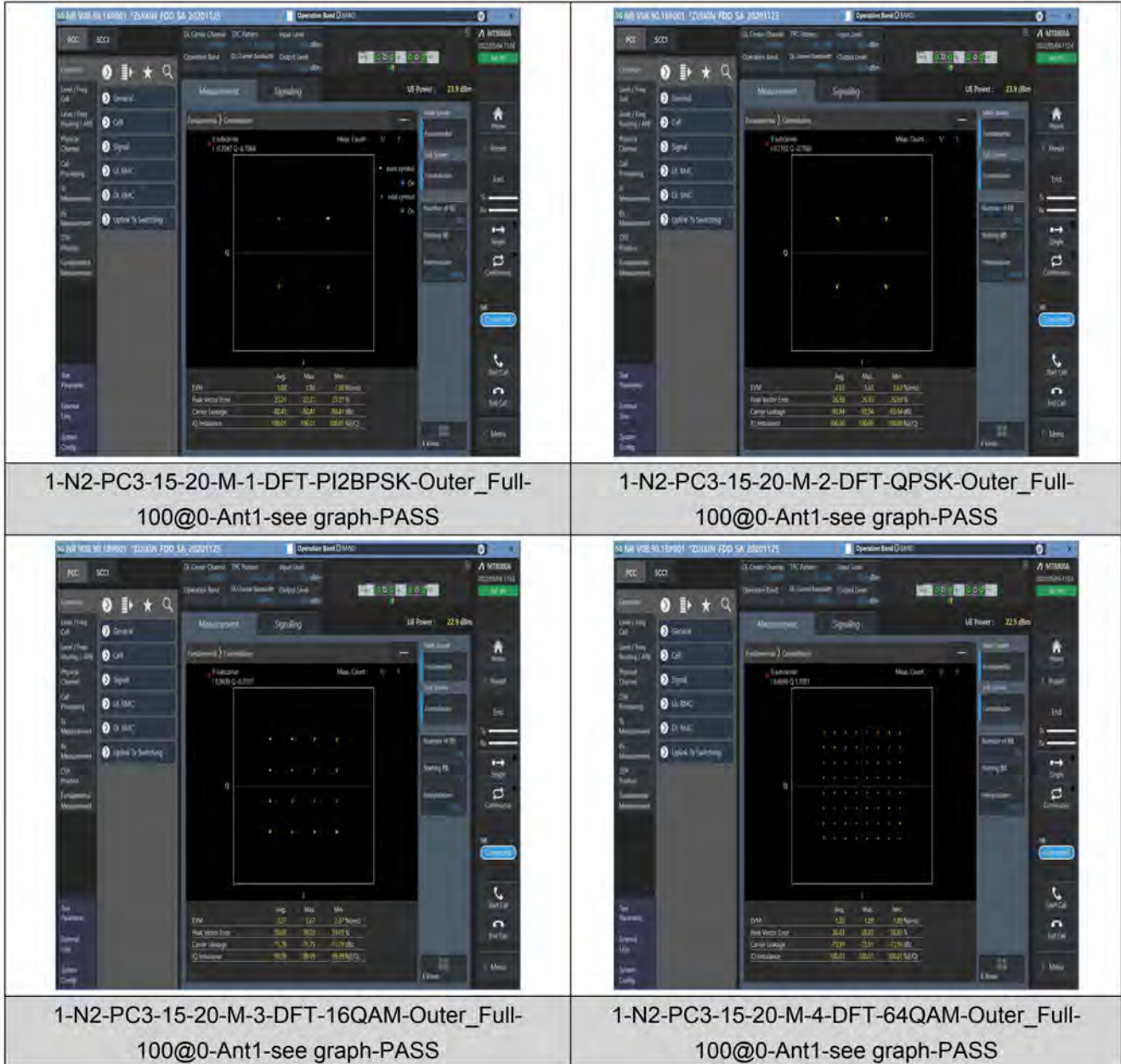
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-155) 8107 1443, or email: [CN.Qwcheck@sgs.com](mailto:CN.Qwcheck@sgs.com)

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pkai 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) 62962980 www.sgegroup.com.cn  
 t (86-512) 62962980 sgs.china@sgs.com



Test Graphs



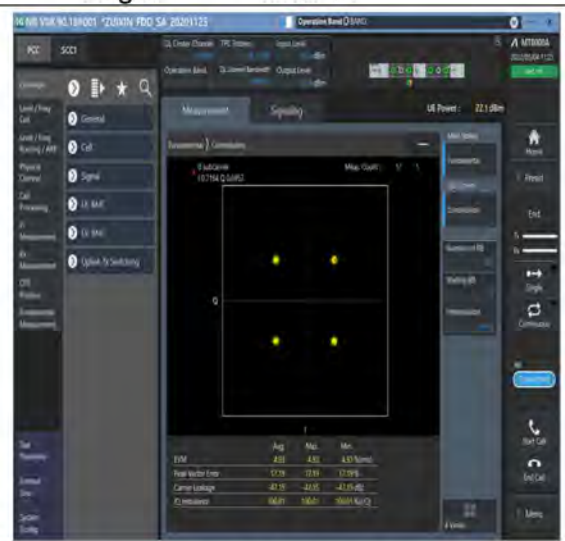
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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





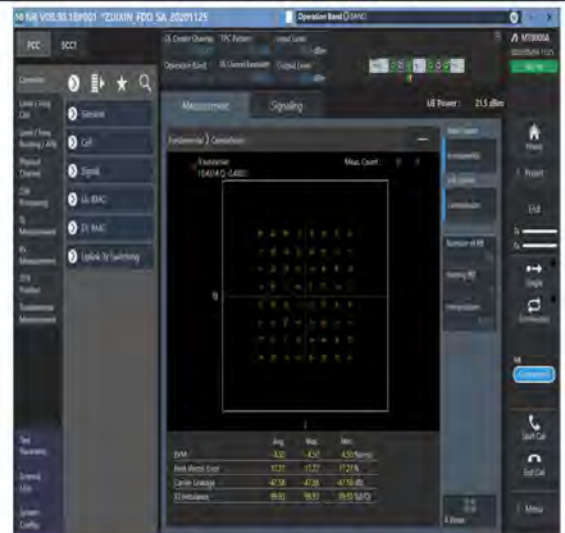
1-N2-PC3-15-20-M-5-DFT-256QAM-Outer\_Full-100@0-Ant1-see graph-PASS



1-N2-PC3-15-20-M-6-CP-QPSK-Outer\_Full-106@0-Ant1-see graph-PASS



1-N2-PC3-15-20-M-7-CP-16QAM-Outer\_Full-106@0-Ant1-see graph-PASS



1-N2-PC3-15-20-M-8-CP-64QAM-Outer\_Full-106@0-Ant1-see graph-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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



1-N2-PC3-15-20-M-9-CP-256QAM-Outer\_Full-106@0-Ant1-see graph-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1444, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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

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



## 26dB Bandwidth and Occupied Bandwidth for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N2	15	5	DFT-QPSK	L	Outer_Full	4.488	5.000	PASS
N2	15	5	DFT-PI2BPSK	L	Outer_Full	4.470	5.080	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	4.482	5.070	PASS
N2	15	5	DFT-64QAM	L	Outer_Full	4.486	5.060	PASS
N2	15	5	DFT-256QAM	L	Outer_Full	4.483	5.130	PASS
N2	15	5	CP-QPSK	L	Outer_Full	4.470	5.080	PASS
N2	15	5	CP-16QAM	L	Outer_Full	4.489	5.160	PASS
N2	15	5	CP-64QAM	L	Outer_Full	4.497	5.170	PASS
N2	15	5	CP-256QAM	L	Outer_Full	4.491	5.190	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	4.485	5.030	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	4.477	5.090	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	4.482	5.050	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	4.489	5.170	PASS
N2	15	5	DFT-256QAM	M	Outer_Full	4.491	5.140	PASS
N2	15	5	CP-QPSK	M	Outer_Full	4.476	5.190	PASS
N2	15	5	CP-16QAM	M	Outer_Full	4.477	5.050	PASS
N2	15	5	CP-64QAM	M	Outer_Full	4.482	5.160	PASS
N2	15	5	CP-256QAM	M	Outer_Full	4.497	5.200	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	4.474	4.940	PASS
N2	15	5	DFT-PI2BPSK	H	Outer_Full	4.492	5.190	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	4.478	5.050	PASS
N2	15	5	DFT-64QAM	H	Outer_Full	4.472	5.110	PASS
N2	15	5	DFT-256QAM	H	Outer_Full	4.480	5.060	PASS
N2	15	5	CP-QPSK	H	Outer_Full	4.482	5.250	PASS
N2	15	5	CP-16QAM	H	Outer_Full	4.476	5.170	PASS
N2	15	5	CP-64QAM	H	Outer_Full	4.483	5.180	PASS
N2	15	5	CP-256QAM	H	Outer_Full	4.495	5.190	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	8.953	9.740	PASS
N2	15	10	DFT-PI2BPSK	L	Outer_Full	8.959	9.720	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	8.957	9.700	PASS
N2	15	10	DFT-64QAM	L	Outer_Full	8.947	9.720	PASS
N2	15	10	DFT-256QAM	L	Outer_Full	8.943	9.620	PASS



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

Attention: To check the authenticity of testing inspection reports & certificates, please contact us at telephone: (86-152) 8307 1443, or email: CN\_Quechac@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工业园区润生路1号厂房南楼 邮编: 215000

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





Report No.: SEWM2304000122RG02

Rev.: 01

Page: 15 of 61

N2	15	10	CP-QPSK	L	Outer_Full	9.317	10.280	PASS
N2	15	10	CP-16QAM	L	Outer_Full	9.297	10.180	PASS
N2	15	10	CP-64QAM	L	Outer_Full	9.322	10.340	PASS
N2	15	10	CP-256QAM	L	Outer_Full	9.307	10.160	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	8.951	9.740	PASS
N2	15	10	DFT-PI2BPSK	M	Outer_Full	8.965	9.740	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	8.955	9.640	PASS
N2	15	10	DFT-64QAM	M	Outer_Full	8.948	9.740	PASS
N2	15	10	DFT-256QAM	M	Outer_Full	8.948	9.680	PASS
N2	15	10	CP-QPSK	M	Outer_Full	9.309	10.240	PASS
N2	15	10	CP-16QAM	M	Outer_Full	9.297	10.240	PASS
N2	15	10	CP-64QAM	M	Outer_Full	9.324	10.220	PASS
N2	15	10	CP-256QAM	M	Outer_Full	9.313	10.180	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	8.950	9.660	PASS
N2	15	10	DFT-PI2BPSK	H	Outer_Full	8.968	9.680	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	8.962	9.680	PASS
N2	15	10	DFT-64QAM	H	Outer_Full	8.951	9.800	PASS
N2	15	10	DFT-256QAM	H	Outer_Full	8.956	9.720	PASS
N2	15	10	CP-QPSK	H	Outer_Full	9.320	10.260	PASS
N2	15	10	CP-16QAM	H	Outer_Full	9.298	10.200	PASS
N2	15	10	CP-64QAM	H	Outer_Full	9.318	10.240	PASS
N2	15	10	CP-256QAM	H	Outer_Full	9.308	10.140	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	13.501	14.430	PASS
N2	15	15	DFT-PI2BPSK	L	Outer_Full	13.431	14.340	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	13.458	14.520	PASS
N2	15	15	DFT-64QAM	L	Outer_Full	13.425	14.460	PASS
N2	15	15	DFT-256QAM	L	Outer_Full	13.448	14.580	PASS
N2	15	15	CP-QPSK	L	Outer_Full	14.126	15.210	PASS
N2	15	15	CP-16QAM	L	Outer_Full	14.12	15.270	PASS
N2	15	15	CP-64QAM	L	Outer_Full	14.141	15.150	PASS
N2	15	15	CP-256QAM	L	Outer_Full	14.146	15.240	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	13.499	14.460	PASS
N2	15	15	DFT-PI2BPSK	M	Outer_Full	13.419	14.490	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	13.450	14.490	PASS
N2	15	15	DFT-64QAM	M	Outer_Full	13.433	14.550	PASS
N2	15	15	DFT-256QAM	M	Outer_Full	13.431	14.490	PASS
N2	15	15	CP-QPSK	M	Outer_Full	14.134	15.270	PASS
N2	15	15	CP-16QAM	M	Outer_Full	14.115	15.120	PASS



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

Attention: To check the authenticity of testing inspection reports & certificates, please contact us at telephone: 86-152 8307 1443, or email: CN\_Quechac@sgs.com

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

t (86-512) 62962980 www.sgs.com.cn  
 t (86-512) 62962980 sgs.china@sgs.com



N2	15	15	CP-64QAM	M	Outer_Full	14.152	15.240	PASS
N2	15	15	CP-256QAM	M	Outer_Full	14.153	15.300	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	13.506	14.520	PASS
N2	15	15	DFT-PI2BPSK	H	Outer_Full	13.443	14.310	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	13.458	14.520	PASS
N2	15	15	DFT-64QAM	H	Outer_Full	13.416	14.460	PASS
N2	15	15	DFT-256QAM	H	Outer_Full	13.448	14.580	PASS
N2	15	15	CP-QPSK	H	Outer_Full	14.129	15.240	PASS
N2	15	15	CP-16QAM	H	Outer_Full	14.122	15.180	PASS
N2	15	15	CP-64QAM	H	Outer_Full	14.148	15.180	PASS
N2	15	15	CP-256QAM	H	Outer_Full	14.148	15.300	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	17.850	18.920	PASS
N2	15	20	DFT-PI2BPSK	L	Outer_Full	17.860	19.000	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	17.877	18.920	PASS
N2	15	20	DFT-64QAM	L	Outer_Full	17.858	19.000	PASS
N2	15	20	DFT-256QAM	L	Outer_Full	17.889	18.960	PASS
N2	15	20	CP-QPSK	L	Outer_Full	18.931	20.160	PASS
N2	15	20	CP-16QAM	L	Outer_Full	18.969	20.160	PASS
N2	15	20	CP-64QAM	L	Outer_Full	18.936	20.200	PASS
N2	15	20	CP-256QAM	L	Outer_Full	18.922	20.080	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	17.839	18.880	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	17.873	18.960	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	17.874	19.040	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	17.851	19.040	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	17.886	18.960	PASS
N2	15	20	CP-QPSK	M	Outer_Full	18.93	20.120	PASS
N2	15	20	CP-16QAM	M	Outer_Full	18.945	20.120	PASS
N2	15	20	CP-64QAM	M	Outer_Full	18.926	20.040	PASS
N2	15	20	CP-256QAM	M	Outer_Full	18.922	20.080	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	17.854	18.960	PASS
N2	15	20	DFT-PI2BPSK	H	Outer_Full	17.895	19.080	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	17.874	18.960	PASS
N2	15	20	DFT-64QAM	H	Outer_Full	17.856	19.000	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	17.893	19.000	PASS
N2	15	20	CP-QPSK	H	Outer_Full	18.943	20.120	PASS
N2	15	20	CP-16QAM	H	Outer_Full	18.945	20.040	PASS
N2	15	20	CP-64QAM	H	Outer_Full	18.923	20.040	PASS
N2	15	20	CP-256QAM	H	Outer_Full	18.926	20.040	PASS



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

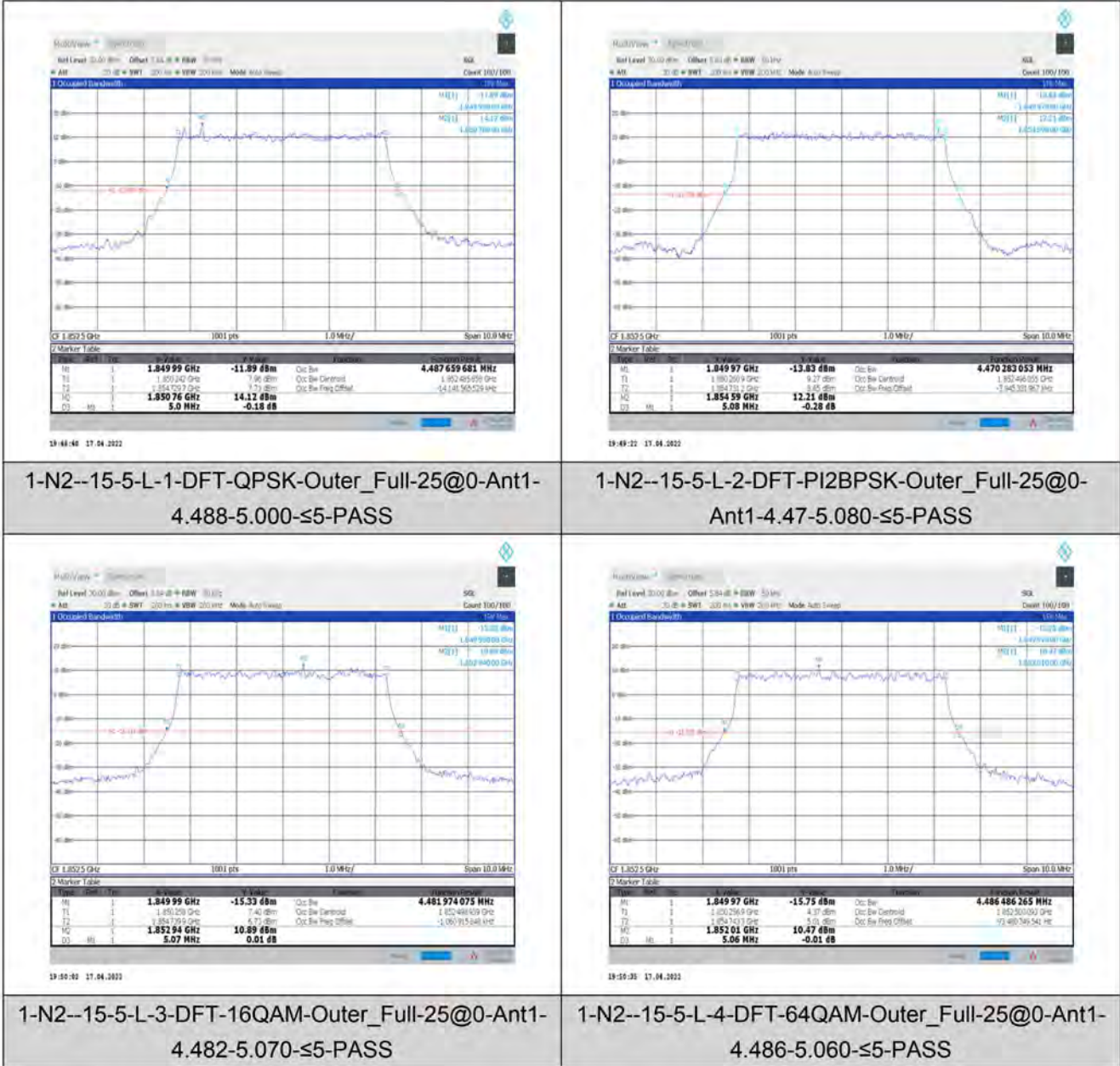
Attention: To check the authenticity of testing inspection reports & certificates, please contact us at telephone: 86-152 8307 1443, or email: CN\_Qwch@sgs.com

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

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



Test Graphs

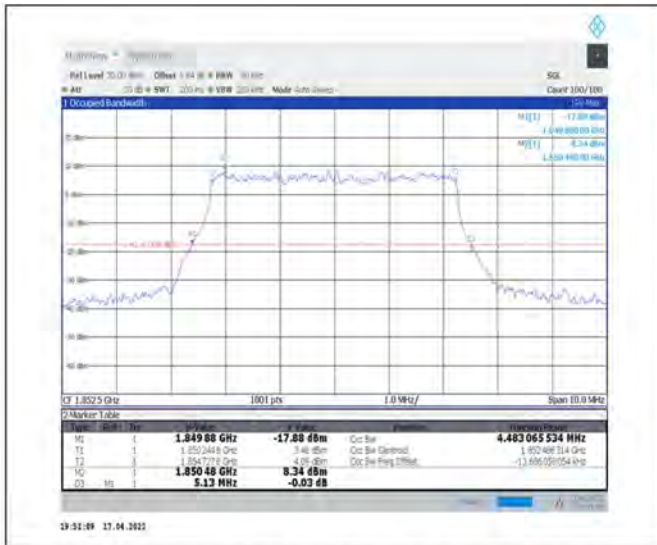


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

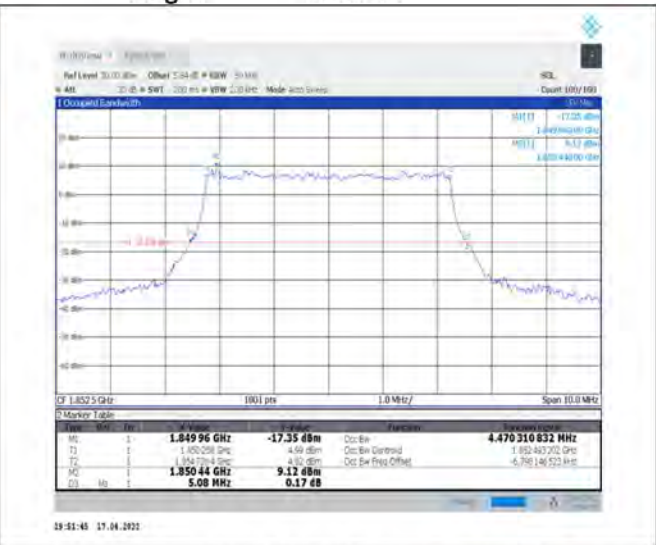
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

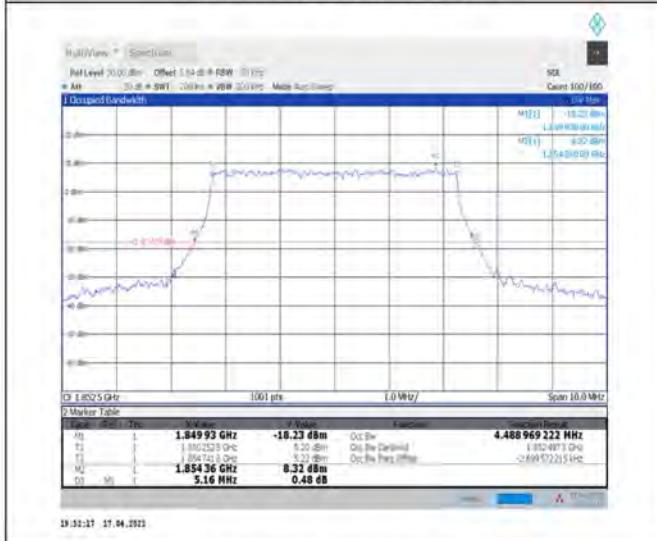




1-N2--15-5-L-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.483-5.130-≤5-PASS



1-N2--15-5-L-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.47-5.080-≤5-PASS



1-N2--15-5-L-7-CP-16QAM-Outer\_Full-25@0-Ant1-4.489-5.160-≤5-PASS



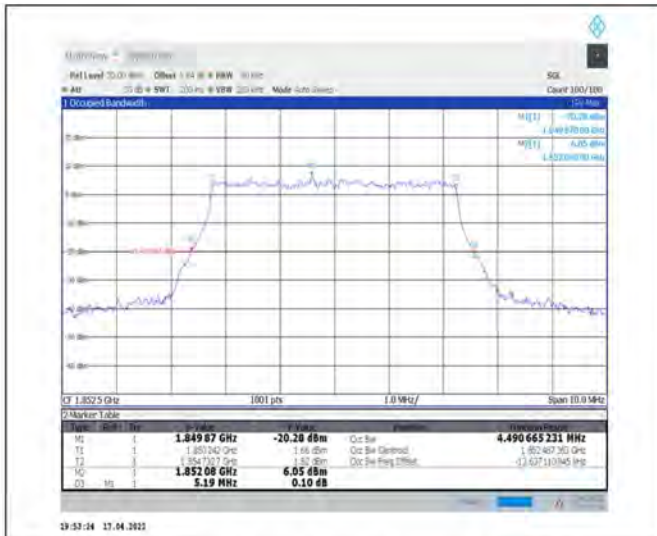
1-N2--15-5-L-8-CP-64QAM-Outer\_Full-25@0-Ant1-4.497-5.170-≤5-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

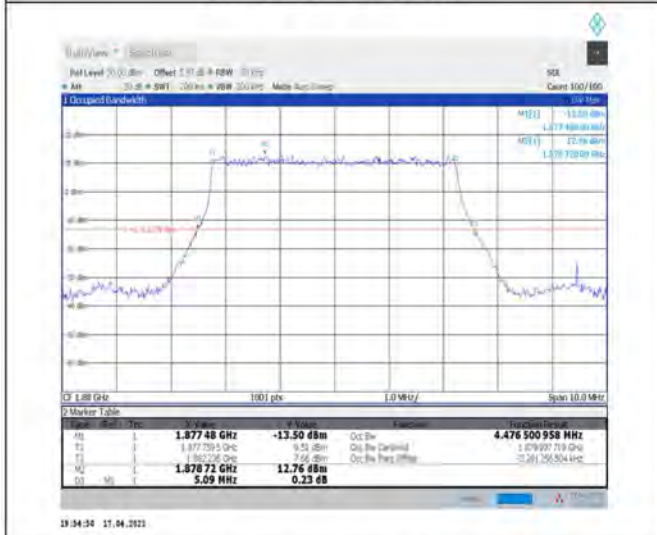
t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



1-N2--15-5-L-9-CP-256QAM-Outer\_Full-25@0-Ant1-  
4.491-5.190-≤5-PASS



1-N2--15-5-M-1-DFT-QPSK-Outer\_Full-25@0-Ant1-  
4.485-5.030-≤5-PASS



1-N2--15-5-M-2-DFT-PI2BPSK-Outer\_Full-25@0-  
Ant1-4.477-5.090-≤5-PASS



1-N2--15-5-M-3-DFT-16QAM-Outer\_Full-25@0-  
Ant1-4.482-5.050-≤5-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.  
 Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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

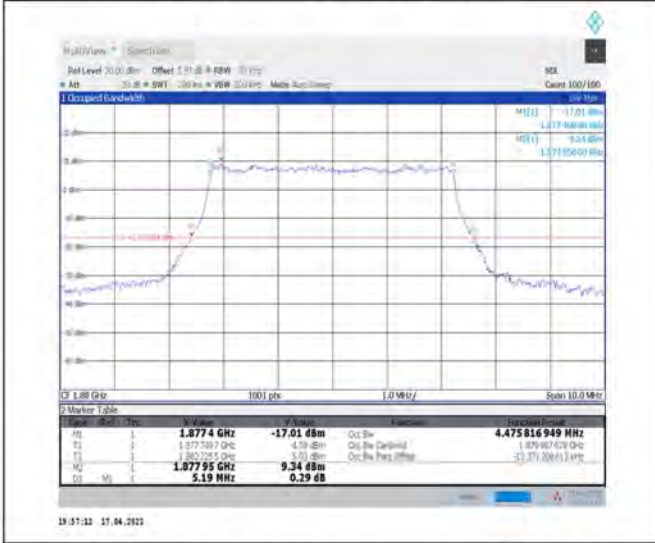




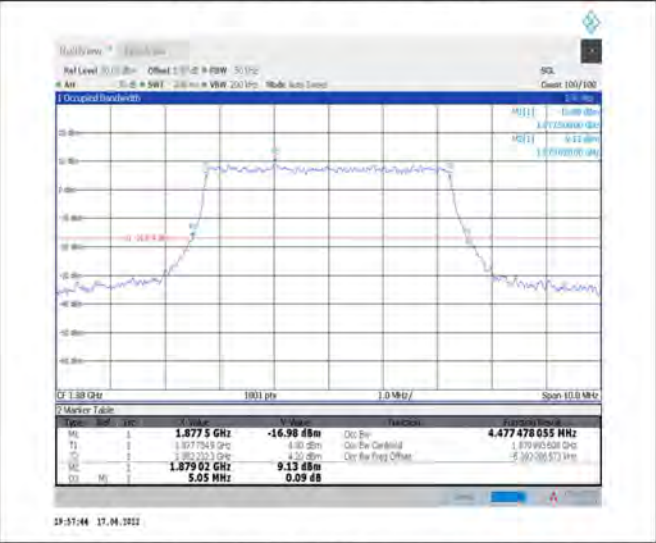
1-N2--15-5-M-4-DFT-64QAM-Outer\_Full-25@0-Ant1-4.489-5.170-≤5-PASS



1-N2--15-5-M-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.491-5.140-≤5-PASS



1-N2--15-5-M-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.476-5.190-≤5-PASS



1-N2--15-5-M-7-CP-16QAM-Outer\_Full-25@0-Ant1-4.477-5.050-≤5-PASS



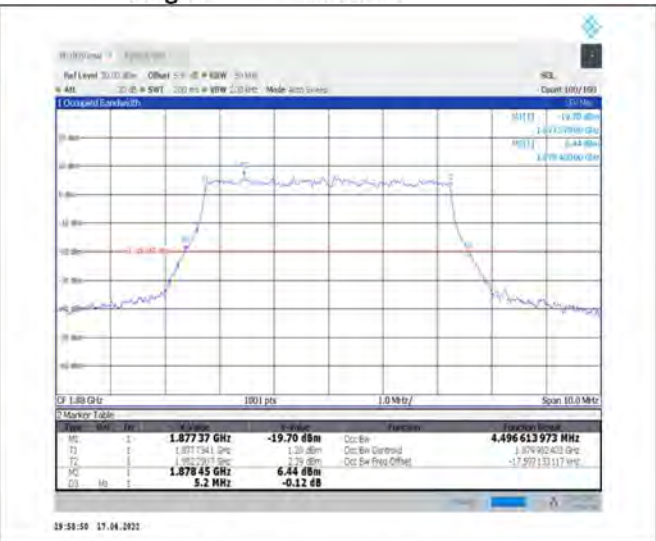
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

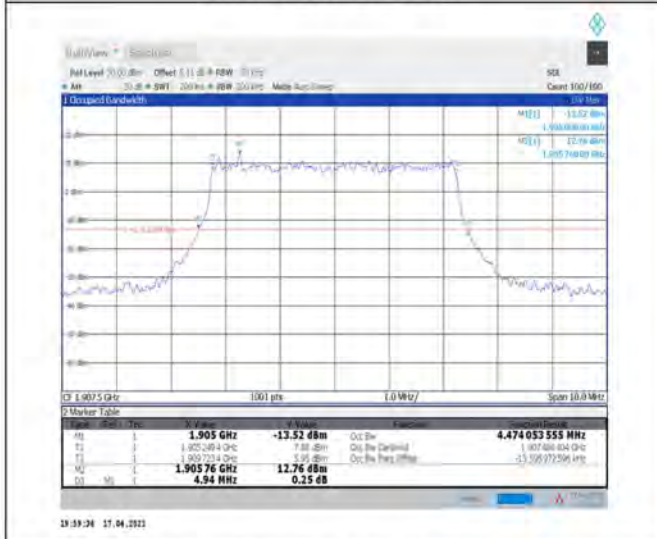
t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



1-N2--15-5-M-8-CP-64QAM-Outer\_Full-25@0-Ant1-4.482-5.160-≤5-PASS



1-N2--15-5-M-9-CP-256QAM-Outer\_Full-25@0-Ant1-4.497-5.200-≤5-PASS



1-N2--15-5-H-1-DFT-QPSK-Outer\_Full-25@0-Ant1-4.474-4.940-≤5-PASS



1-N2--15-5-H-2-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-4.492-5.190-≤5-PASS



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

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

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





1-N2--15-5-H-3-DFT-16QAM-Outer\_Full-25@0-Ant1-4.478-5.050-≤5-PASS



1-N2--15-5-H-4-DFT-64QAM-Outer\_Full-25@0-Ant1-4.472-5.110-≤5-PASS



1-N2--15-5-H-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.48-5.060-≤5-PASS



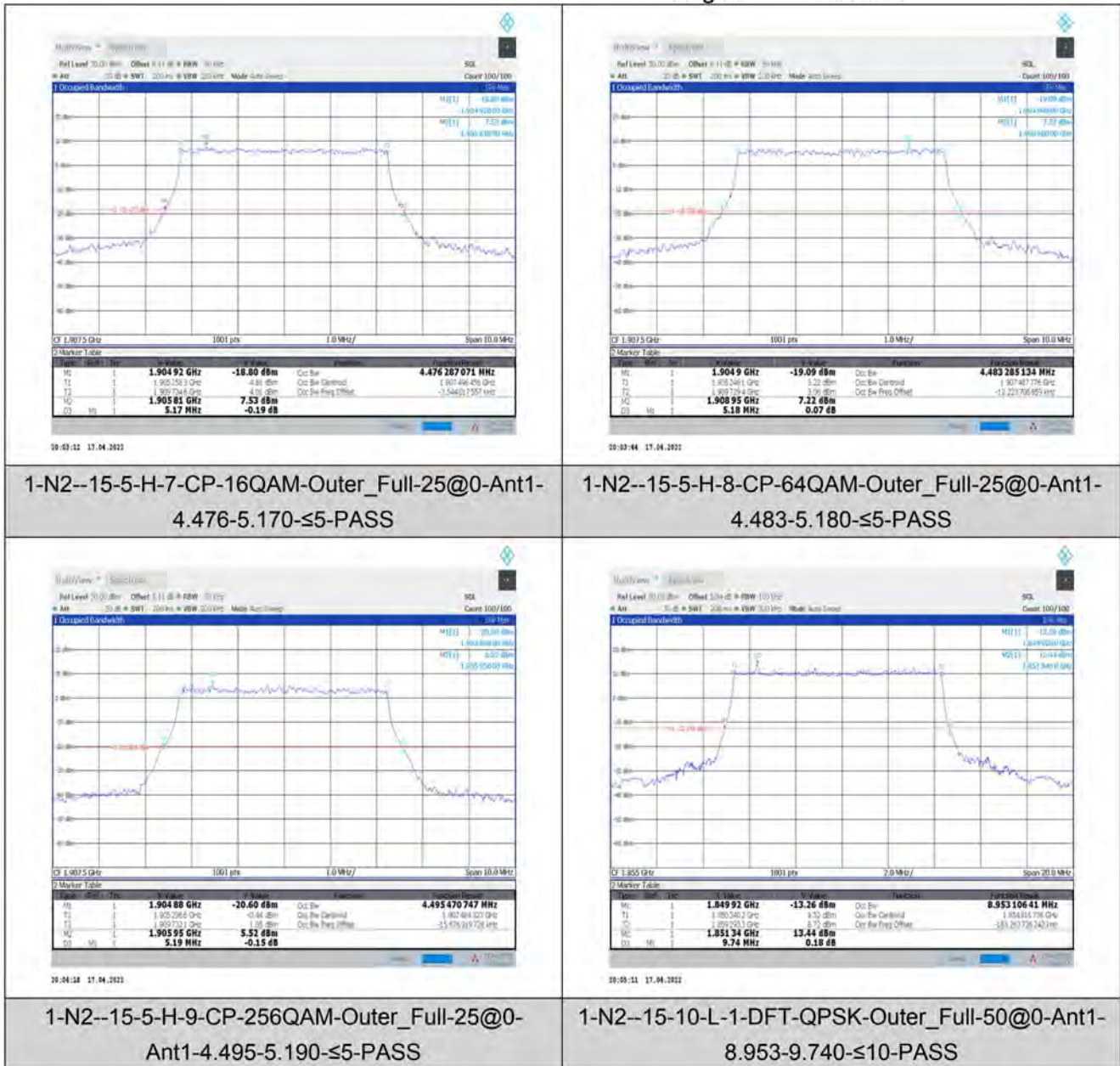
1-N2--15-5-H-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.482-5.250-≤5-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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



1-N2--15-5-H-7-CP-16QAM-Outer\_Full-25@0-Ant1-  
4.476-5.170-≤5-PASS

1-N2--15-5-H-8-CP-64QAM-Outer\_Full-25@0-Ant1-  
4.483-5.180-≤5-PASS

1-N2--15-5-H-9-CP-256QAM-Outer\_Full-25@0-Ant1-  
4.495-5.190-≤5-PASS

1-N2--15-10-L-1-DFT-QPSK-Outer\_Full-50@0-Ant1-  
8.953-9.740-≤10-PASS



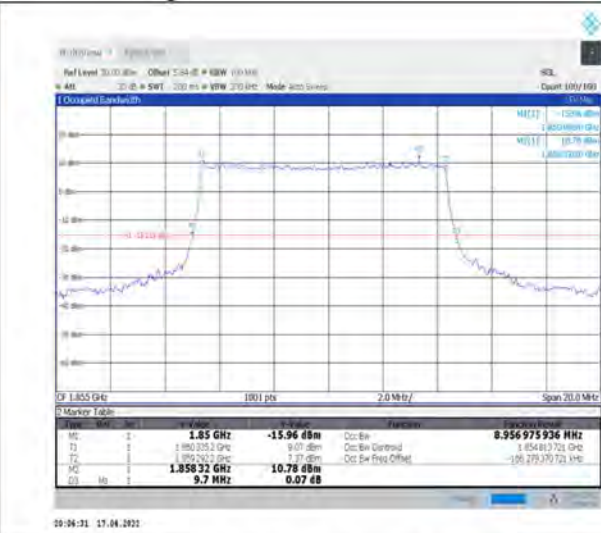
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.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

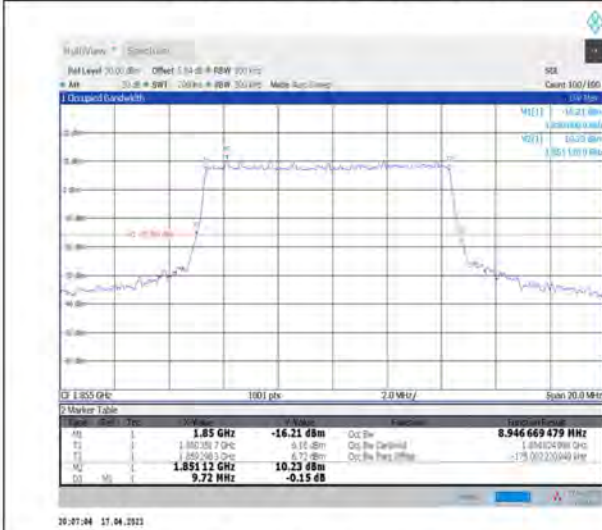




1-N2--15-10-L-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-8.959-9.720-≤10-PASS



1-N2--15-10-L-3-DFT-16QAM-Outer\_Full-50@0-Ant1-8.957-9.700-≤10-PASS



1-N2--15-10-L-4-DFT-64QAM-Outer\_Full-50@0-Ant1-8.947-9.720-≤10-PASS



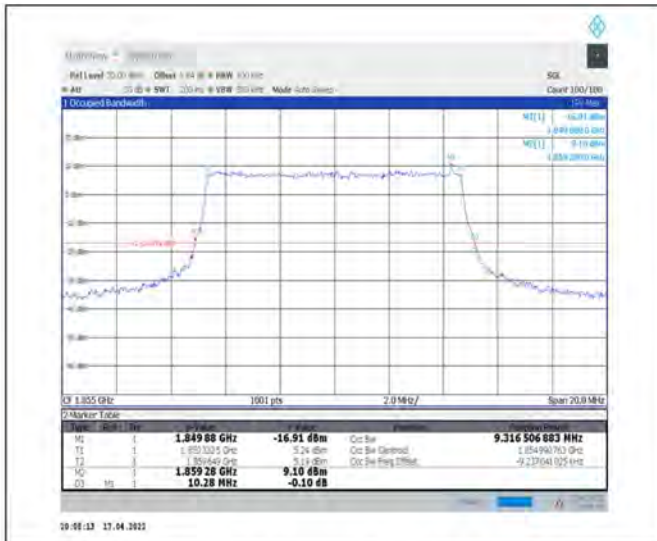
1-N2--15-10-L-5-DFT-256QAM-Outer\_Full-50@0-Ant1-8.943-9.620-≤10-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

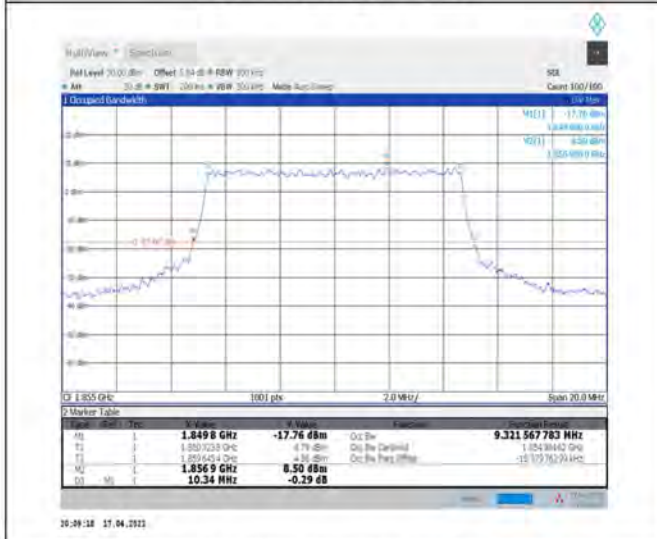
t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



1-N2--15-10-L-6-CP-QPSK-Outer\_Full-52@0-Ant1-9.317-10.280-≤10-PASS



1-N2--15-10-L-7-CP-16QAM-Outer\_Full-52@0-Ant1-9.297-10.180-≤10-PASS



1-N2--15-10-L-8-CP-64QAM-Outer\_Full-52@0-Ant1-9.322-10.340-≤10-PASS



1-N2--15-10-L-9-CP-256QAM-Outer\_Full-52@0-Ant1-9.307-10.160-≤10-PASS



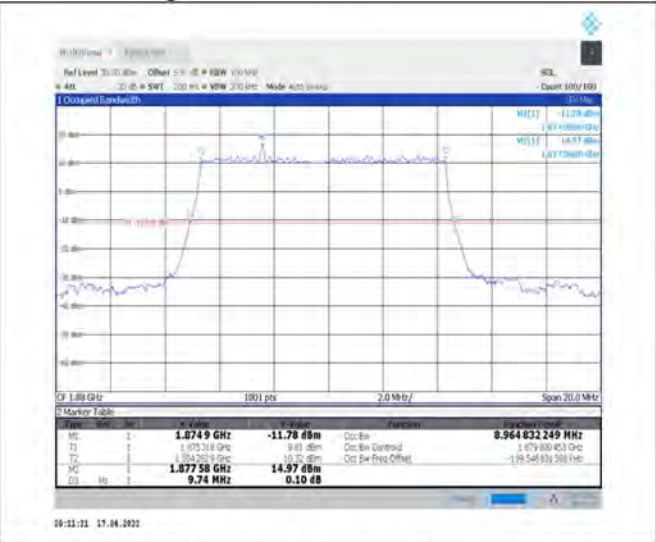
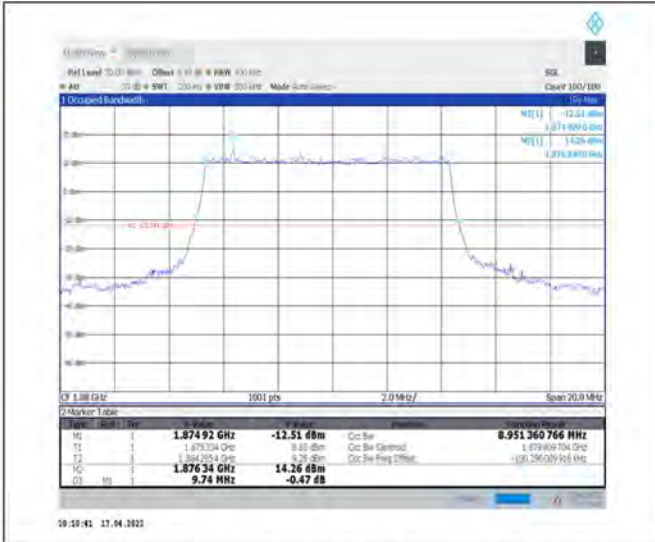
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

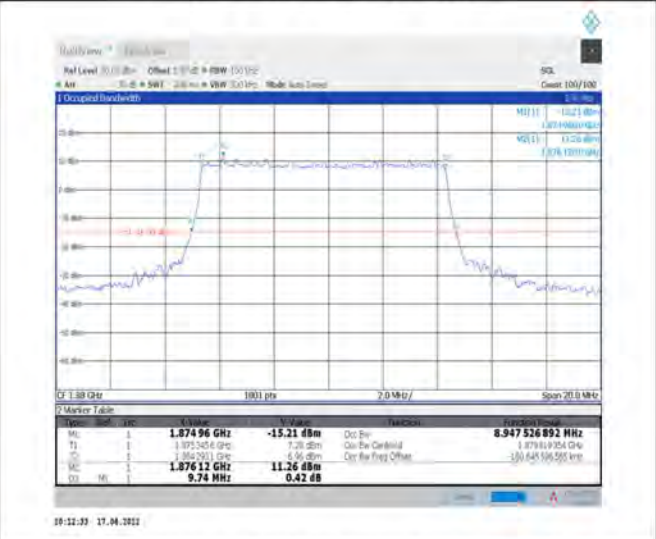
t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com





1-N2--15-10-M-1-DFT-QPSK-Outer\_Full-50@0-Ant1-8.951-9.740-≤10-PASS

1-N2--15-10-M-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-8.965-9.740-≤10-PASS



1-N2--15-10-M-3-DFT-16QAM-Outer\_Full-50@0-Ant1-8.955-9.640-≤10-PASS

1-N2--15-10-M-4-DFT-64QAM-Outer\_Full-50@0-Ant1-8.948-9.740-≤10-PASS



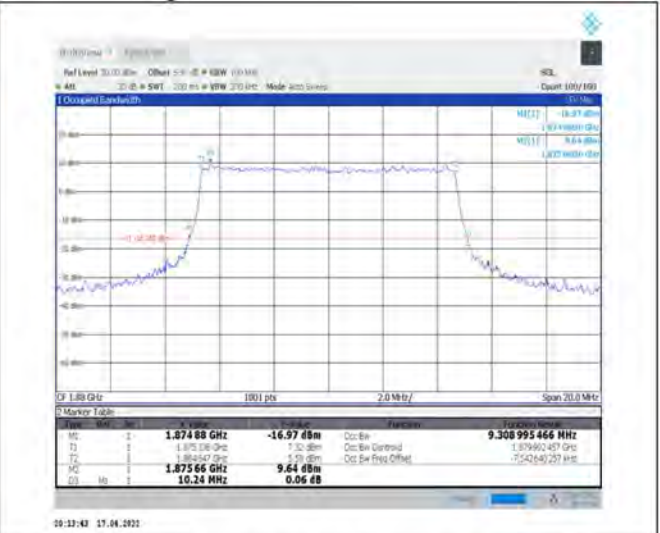
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

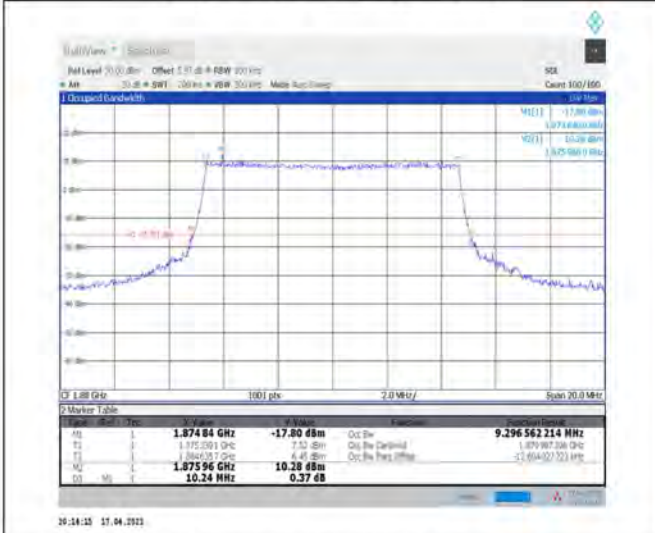
t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



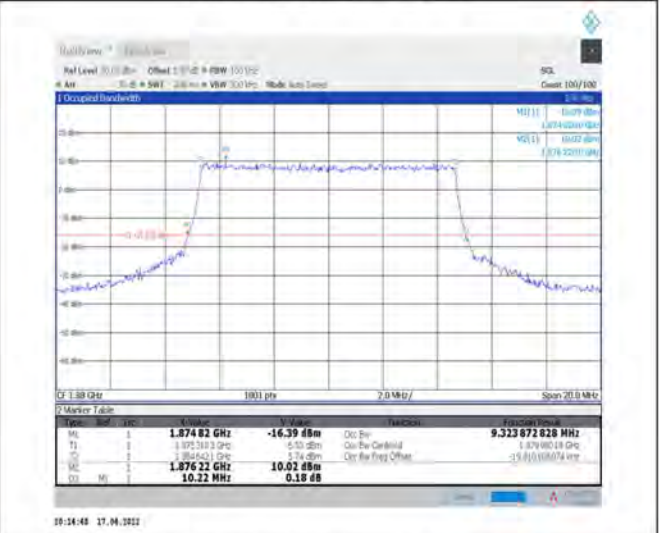
1-N2--15-10-M-5-DFT-256QAM-Outer\_Full-50@0-Ant1-8.948-9.680-≤10-PASS



1-N2--15-10-M-6-CP-QPSK-Outer\_Full-52@0-Ant1-9.309-10.240-≤10-PASS



1-N2--15-10-M-7-CP-16QAM-Outer\_Full-52@0-Ant1-9.297-10.240-≤10-PASS



1-N2--15-10-M-8-CP-64QAM-Outer\_Full-52@0-Ant1-9.324-10.220-≤10-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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





1-N2--15-10-M-9-CP-256QAM-Outer\_Full-52@0-Ant1-9.313-10.180-≤10-PASS



1-N2--15-10-H-1-DFT-QPSK-Outer\_Full-50@0-Ant1-8.95-9.660-≤10-PASS



1-N2--15-10-H-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-8.968-9.680-≤10-PASS



1-N2--15-10-H-3-DFT-16QAM-Outer\_Full-50@0-Ant1-8.962-9.680-≤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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

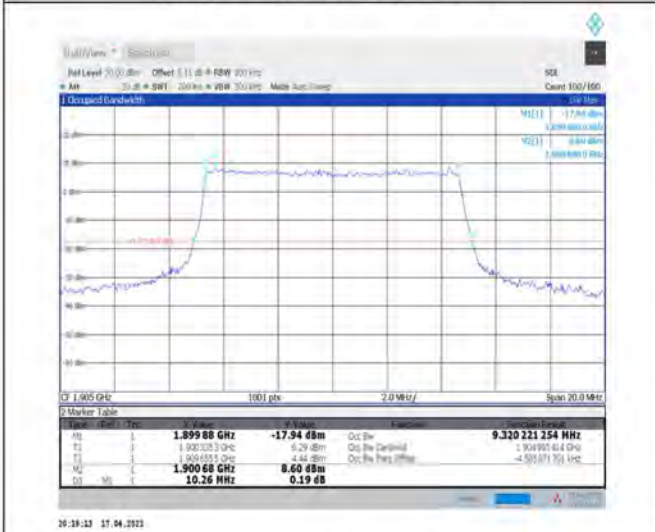
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



1-N2--15-10-H-4-DFT-64QAM-Outer\_Full-50@0-Ant1-8.951-9.800-≤10-PASS

1-N2--15-10-H-5-DFT-256QAM-Outer\_Full-50@0-Ant1-8.956-9.720-≤10-PASS



1-N2--15-10-H-6-CP-QPSK-Outer\_Full-52@0-Ant1-9.32-10.260-≤10-PASS

1-N2--15-10-H-7-CP-16QAM-Outer\_Full-52@0-Ant1-9.298-10.200-≤10-PASS

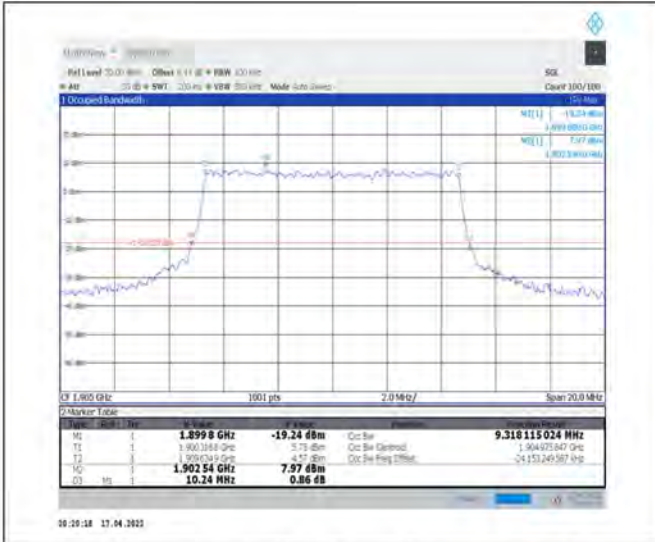


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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

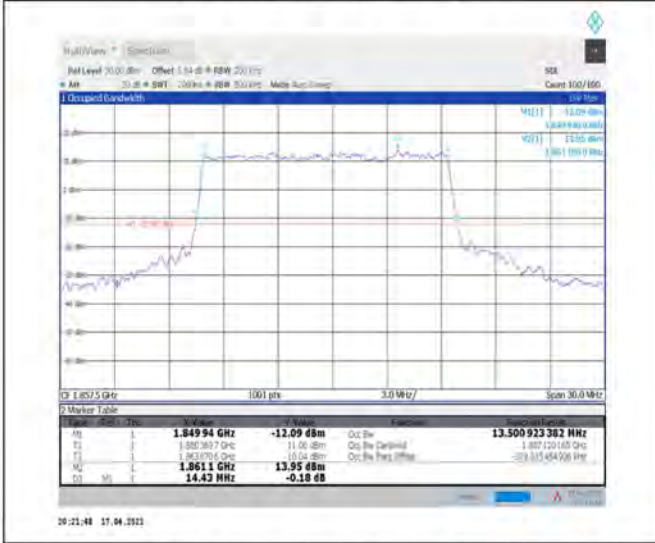




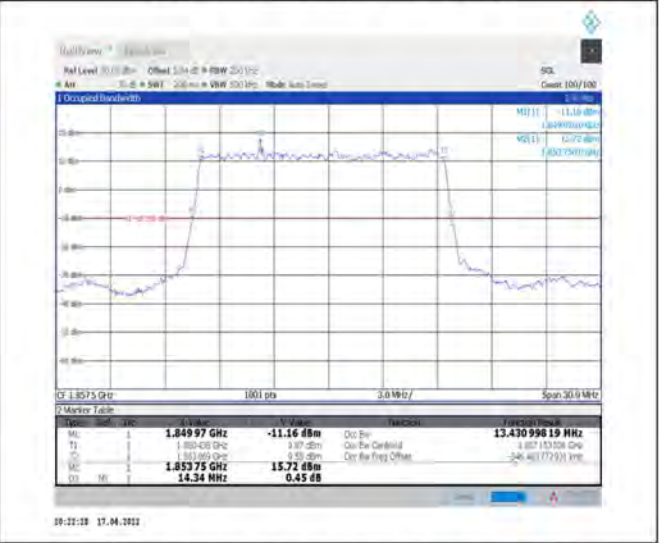
1-N2--15-10-H-8-CP-64QAM-Outer\_Full-52@0-Ant1-9.318-10.240-≤10-PASS



1-N2--15-10-H-9-CP-256QAM-Outer\_Full-52@0-Ant1-9.308-10.140-≤10-PASS



1-N2--15-15-L-1-DFT-QPSK-Outer\_Full-75@0-Ant1-13.501-14.430-≤15-PASS



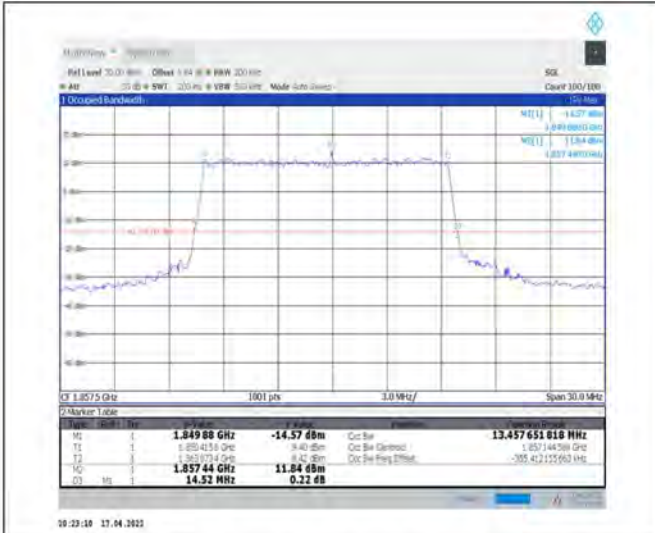
1-N2--15-15-L-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-13.431-14.340-≤15-PASS



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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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



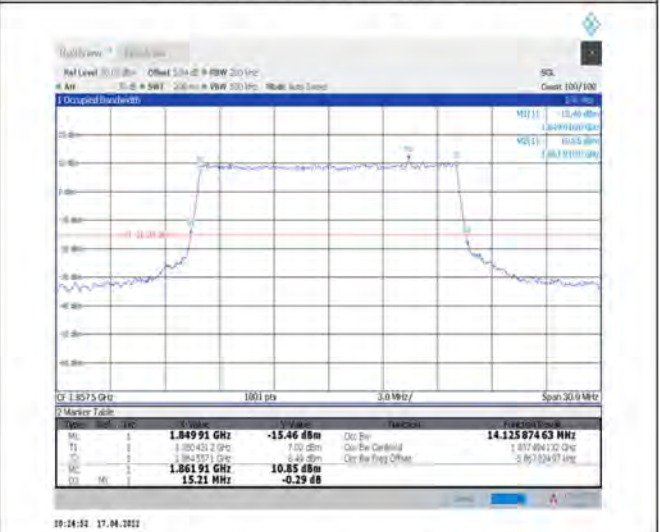
1-N2--15-15-L-3-DFT-16QAM-Outer\_Full-75@0-Ant1-13.458-14.520-≤15-PASS



1-N2--15-15-L-4-DFT-64QAM-Outer\_Full-75@0-Ant1-13.425-14.460-≤15-PASS



1-N2--15-15-L-5-DFT-256QAM-Outer\_Full-75@0-Ant1-13.448-14.580-≤15-PASS



1-N2--15-15-L-6-CP-QPSK-Outer\_Full-79@0-Ant1-14.126-15.210-≤15-PASS



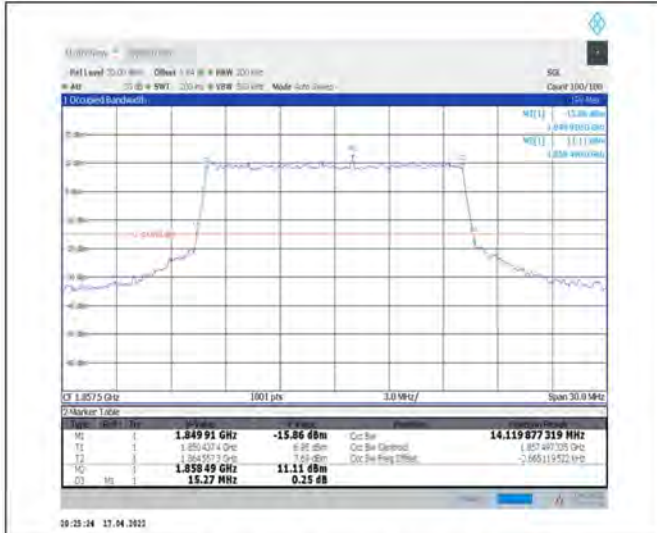
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

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





1-N2--15-15-L-7-CP-16QAM-Outer\_Full-79@0-Ant1-14.12-15.270-≤15-PASS



1-N2--15-15-L-8-CP-64QAM-Outer\_Full-79@0-Ant1-14.141-15.150-≤15-PASS



1-N2--15-15-L-9-CP-256QAM-Outer\_Full-79@0-Ant1-14.146-15.240-≤15-PASS



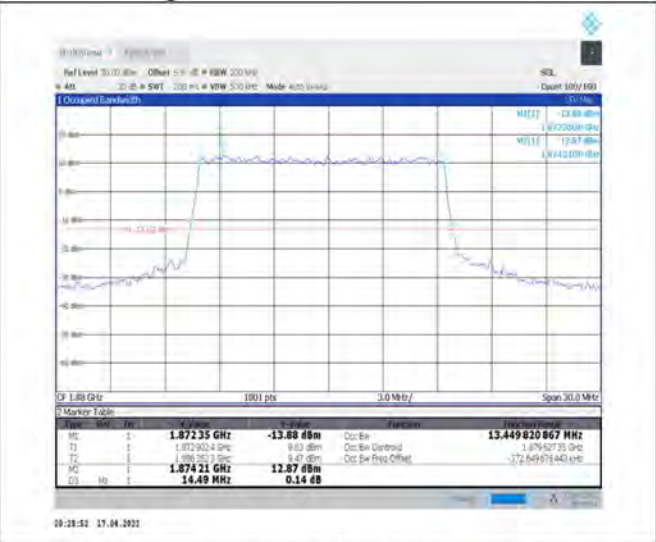
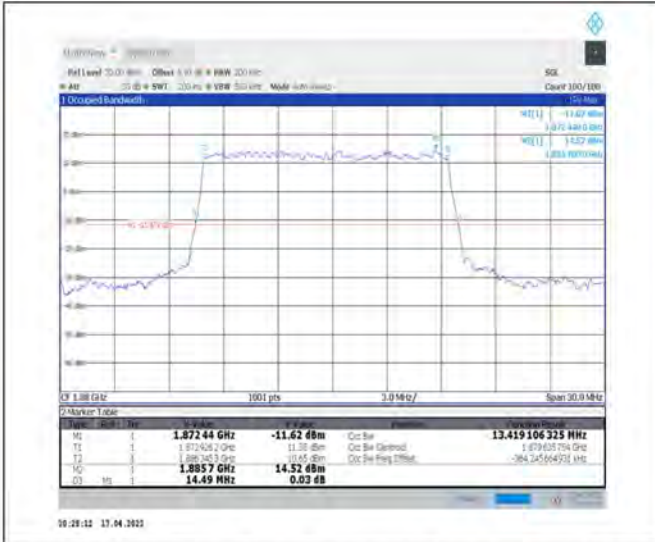
1-N2--15-15-M-1-DFT-QPSK-Outer\_Full-75@0-Ant1-13.499-14.460-≤15-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

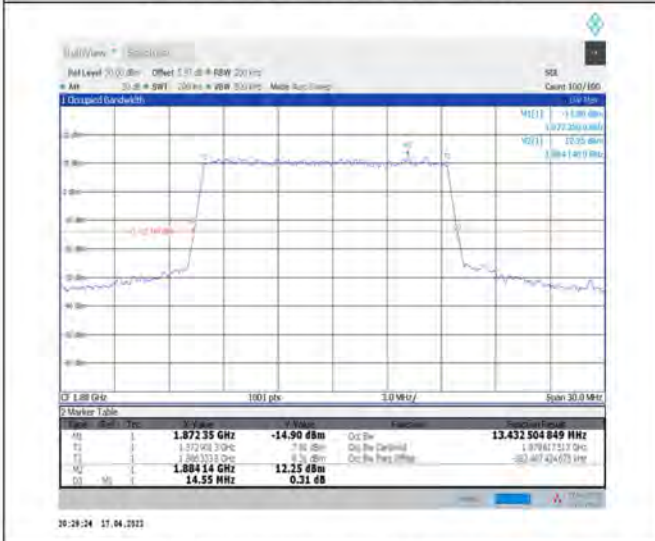
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



1-N2--15-15-M-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-13.419-14.490-≤15-PASS

1-N2--15-15-M-3-DFT-16QAM-Outer\_Full-75@0-Ant1-13.45-14.490-≤15-PASS

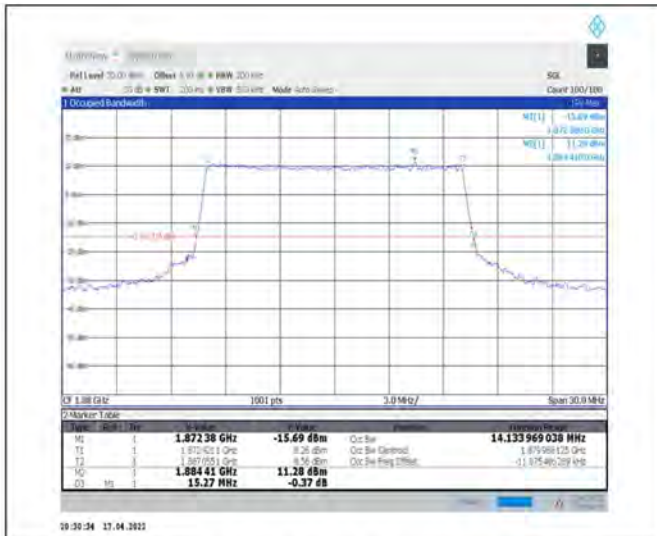


1-N2--15-15-M-4-DFT-64QAM-Outer\_Full-75@0-Ant1-13.433-14.550-≤15-PASS

1-N2--15-15-M-5-DFT-256QAM-Outer\_Full-75@0-Ant1-13.431-14.490-≤15-PASS







1-N2--15-15-M-6-CP-QPSK-Outer\_Full-79@0-Ant1-14.134-15.270-≤15-PASS



1-N2--15-15-M-7-CP-16QAM-Outer\_Full-79@0-Ant1-14.115-15.120-≤15-PASS



1-N2--15-15-M-8-CP-64QAM-Outer\_Full-79@0-Ant1-14.152-15.240-≤15-PASS



1-N2--15-15-M-9-CP-256QAM-Outer\_Full-79@0-Ant1-14.153-15.300-≤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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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



1-N2--15-15-H-1-DFT-QPSK-Outer\_Full-75@0-Ant1-13.506-14.520-≤15-PASS



1-N2--15-15-H-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-13.443-14.310-≤15-PASS



1-N2--15-15-H-3-DFT-16QAM-Outer\_Full-75@0-Ant1-13.458-14.520-≤15-PASS



1-N2--15-15-H-4-DFT-64QAM-Outer\_Full-75@0-Ant1-13.416-14.460-≤15-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

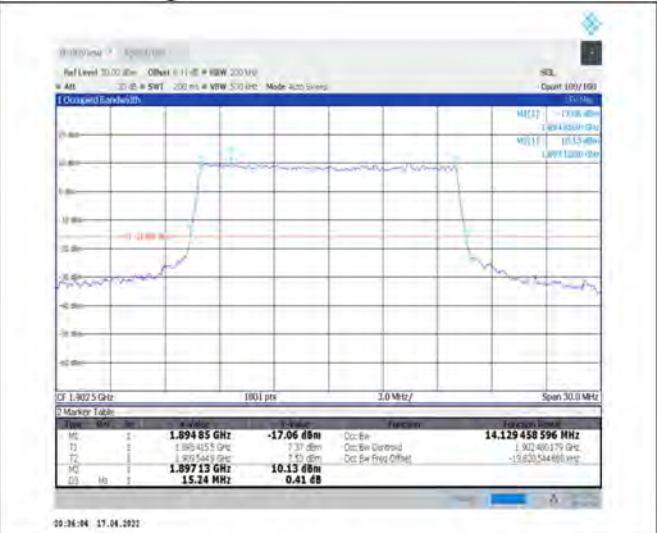
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

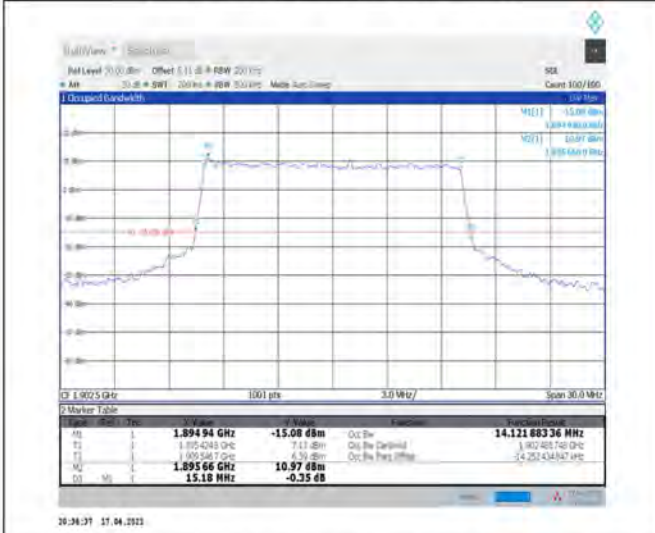




1-N2--15-15-H-5-DFT-256QAM-Outer\_Full-75@0-Ant1-13.448-14.580-≤15-PASS



1-N2--15-15-H-6-CP-QPSK-Outer\_Full-79@0-Ant1-14.129-15.240-≤15-PASS



1-N2--15-15-H-7-CP-16QAM-Outer\_Full-79@0-Ant1-14.122-15.180-≤15-PASS



1-N2--15-15-H-8-CP-64QAM-Outer\_Full-79@0-Ant1-14.148-15.180-≤15-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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



1-N2--15-15-H-9-CP-256QAM-Outer\_Full-79@0-Ant1-14.148-15.300-≤15-PASS



1-N2--15-20-L-1-DFT-QPSK-Outer\_Full-100@0-Ant1-17.85-18.920-≤20-PASS



1-N2--15-20-L-2-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-17.86-19.000-≤20-PASS



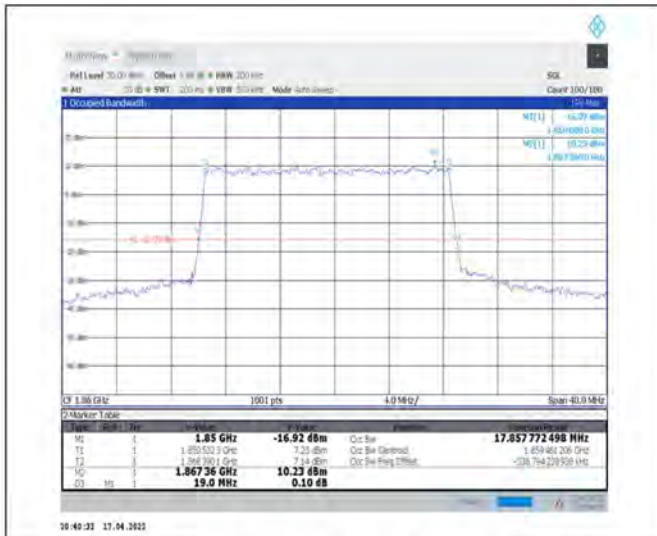
1-N2--15-20-L-3-DFT-16QAM-Outer\_Full-100@0-Ant1-17.877-18.920-≤20-PASS



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-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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

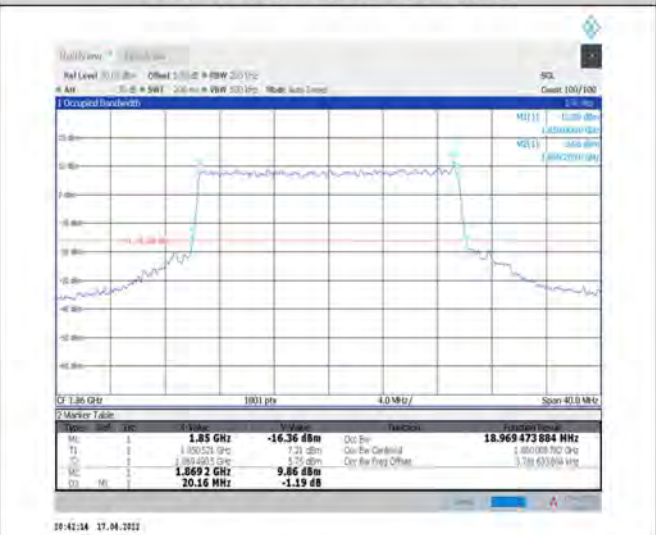
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62982980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62982980 sgs.china@sgs.com





1-N2--15-20-L-4-DFT-64QAM-Outer\_Full-100@0-Ant1-17.858-19.000-<math>\leq 20</math>-PASS

1-N2--15-20-L-5-DFT-256QAM-Outer\_Full-100@0-Ant1-17.889-18.960-<math>\leq 20</math>-PASS



1-N2--15-20-L-6-CP-QPSK-Outer\_Full-106@0-Ant1-18.931-20.160-<math>\leq 20</math>-PASS

1-N2--15-20-L-7-CP-16QAM-Outer\_Full-106@0-Ant1-18.969-20.160-<math>\leq 20</math>-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

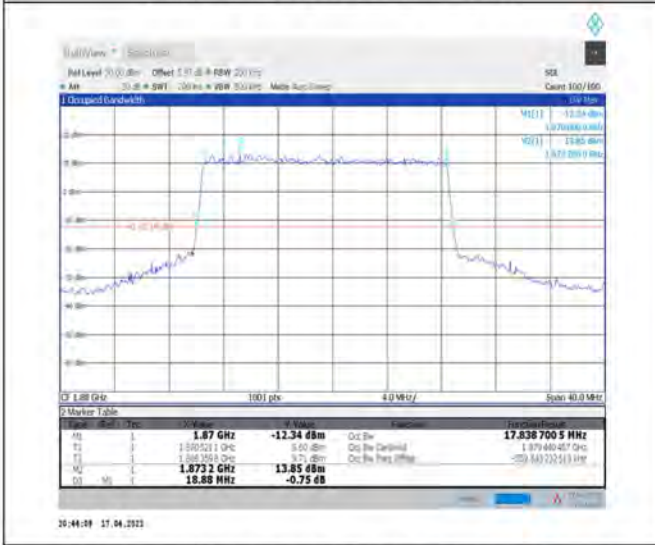
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



1-N2--15-20-L-8-CP-64QAM-Outer\_Full-106@0-Ant1-18.936-20.200-<20-PASS

1-N2--15-20-L-9-CP-256QAM-Outer\_Full-106@0-Ant1-18.922-20.080-<20-PASS



1-N2--15-20-M-1-DFT-QPSK-Outer\_Full-100@0-Ant1-17.839-18.880-<20-PASS

1-N2--15-20-M-2-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-17.873-18.960-<20-PASS

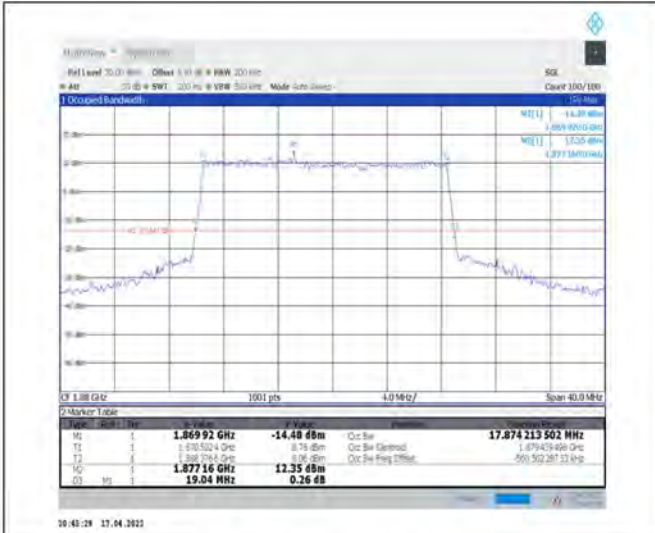


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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





1-N2--15-20-M-3-DFT-16QAM-Outer\_Full-100@0-Ant1-17.874-19.040-≤20-PASS

1-N2--15-20-M-4-DFT-64QAM-Outer\_Full-100@0-Ant1-17.851-19.040-≤20-PASS



1-N2--15-20-M-5-DFT-256QAM-Outer\_Full-100@0-Ant1-17.886-18.960-≤20-PASS

1-N2--15-20-M-6-CP-QPSK-Outer\_Full-106@0-Ant1-18.93-20.120-≤20-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



1-N2--15-20-M-7-CP-16QAM-Outer\_Full-106@0-Ant1-18.945-20.120-≤20-PASS

1-N2--15-20-M-8-CP-64QAM-Outer\_Full-106@0-Ant1-18.926-20.040-≤20-PASS



1-N2--15-20-M-9-CP-256QAM-Outer\_Full-106@0-Ant1-18.922-20.080-≤20-PASS

1-N2--15-20-H-1-DFT-QPSK-Outer\_Full-100@0-Ant1-17.854-18.960-≤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-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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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





1-N2--15-20-H-2-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-17.895-19.080-<20-PASS



1-N2--15-20-H-3-DFT-16QAM-Outer\_Full-100@0-Ant1-17.874-18.960-<20-PASS



1-N2--15-20-H-4-DFT-64QAM-Outer\_Full-100@0-Ant1-17.856-19.000-<20-PASS



1-N2--15-20-H-5-DFT-256QAM-Outer\_Full-100@0-Ant1-17.893-19.000-<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-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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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



1-N2--15-20-H-6-CP-QPSK-Outer\_Full-106@0-Ant1-18.943-20.120-≤20-PASS



1-N2--15-20-H-7-CP-16QAM-Outer\_Full-106@0-Ant1-18.945-20.040-≤20-PASS



1-N2--15-20-H-8-CP-64QAM-Outer\_Full-106@0-Ant1-18.923-20.040-≤20-PASS



1-N2--15-20-H-9-CP-256QAM-Outer\_Full-106@0-Ant1-18.926-20.040-≤20-PASS



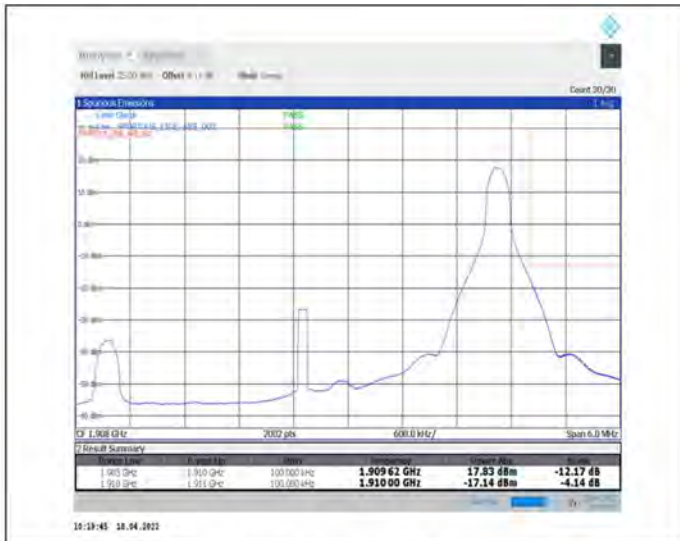
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

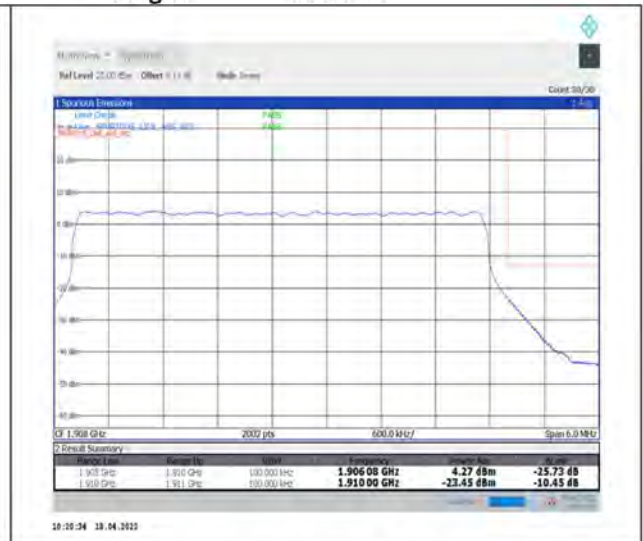
t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



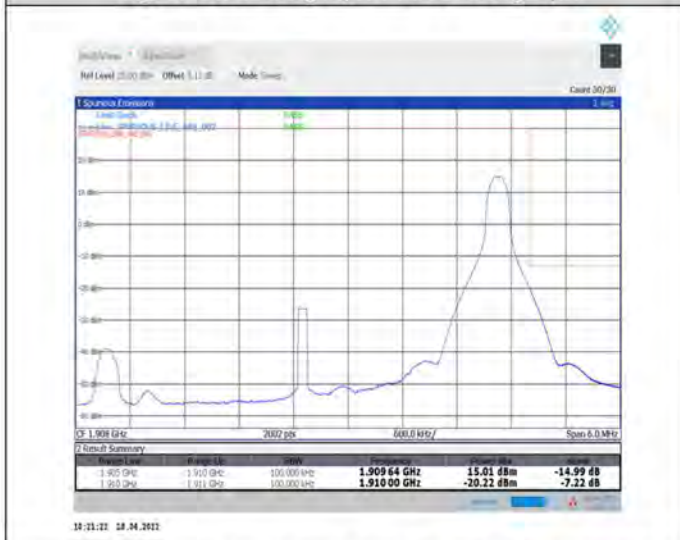




1-N2--15-5-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@24-Ant1-seegraph-PASS-see graph



1-N2--15-5-H-3-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-seegraph-PASS-see graph



1-N2--15-5-H-5-CP-QPSK-Edge\_1RB\_Right-1@24-Ant1-seegraph-PASS-see graph



1-N2--15-5-H-6-CP-QPSK-Outer\_Full-25@0-Ant1-seegraph-PASS-see graph

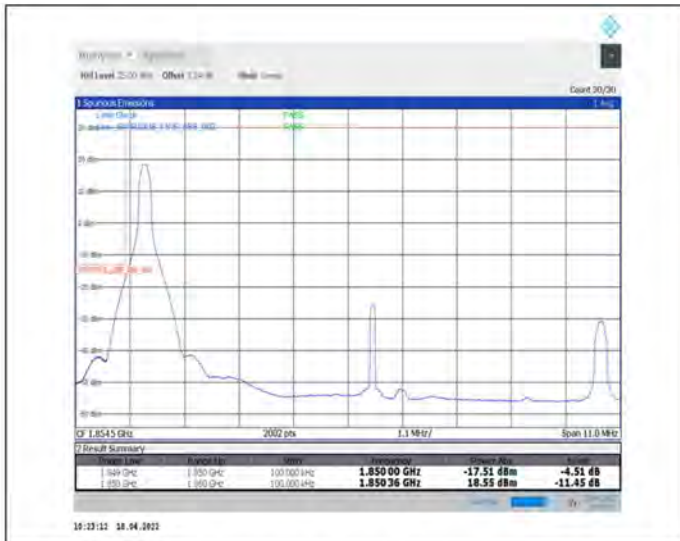


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

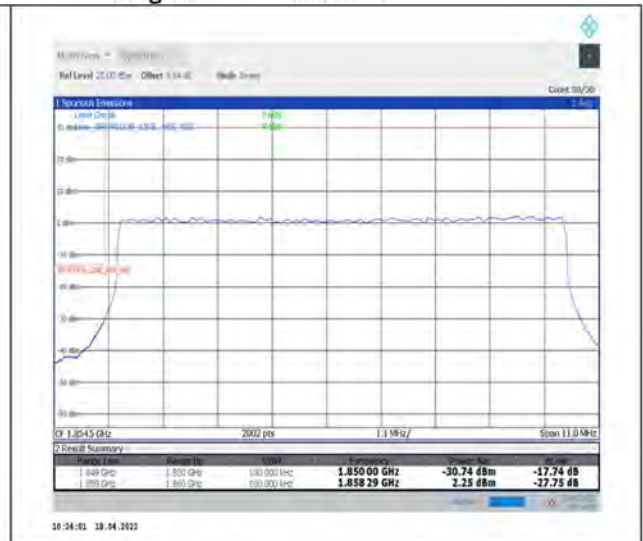
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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





1-N2--15-10-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-seegraph-PASS-see graph



1-N2--15-10-L-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-seegraph-PASS-see graph



1-N2--15-10-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-seegraph-PASS-see graph



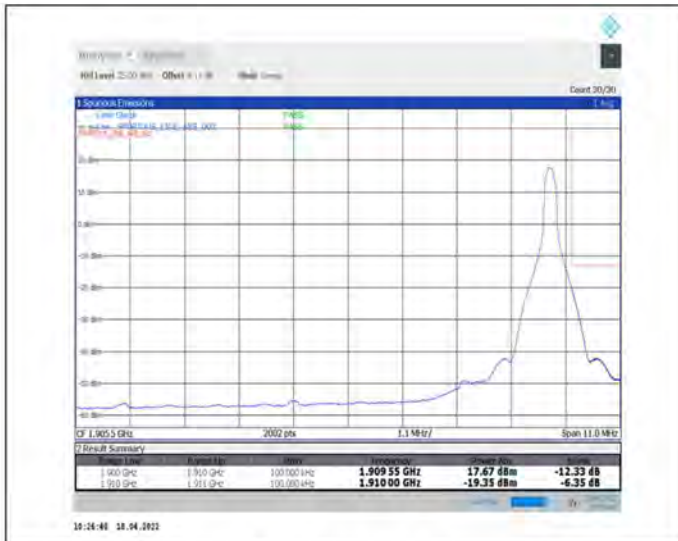
1-N2--15-10-L-6-CP-QPSK-Outer\_Full-52@0-Ant1-seegraph-PASS-see graph



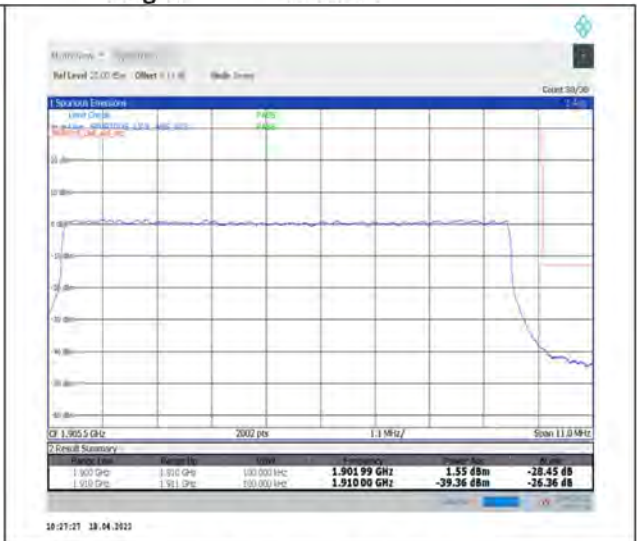
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

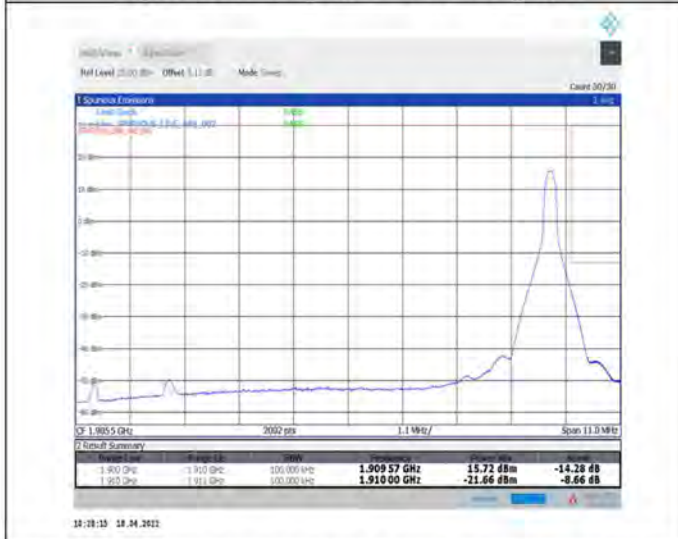
t (86-512) 62992980 www.sgs.com.cn  
 t (86-512) 62992980 sgs.china@sgs.com



1-N2--15-10-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@51-Ant1-seegraph-PASS-see graph



1-N2--15-10-H-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-seegraph-PASS-see graph



1-N2--15-10-H-5-CP-QPSK-Edge\_1RB\_Right-1@51-Ant1-seegraph-PASS-see graph



1-N2--15-10-H-6-CP-QPSK-Outer\_Full-52@0-Ant1-seegraph-PASS-see graph

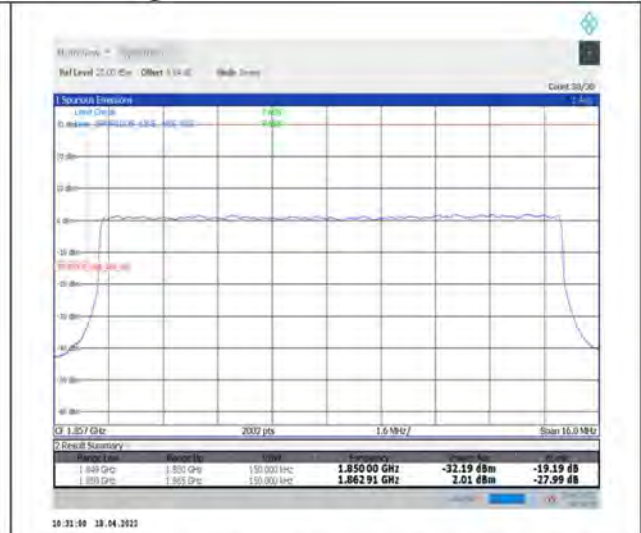
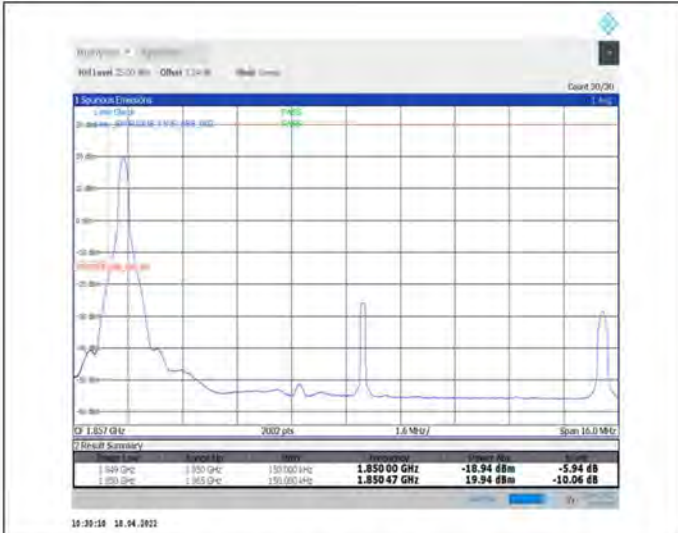


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

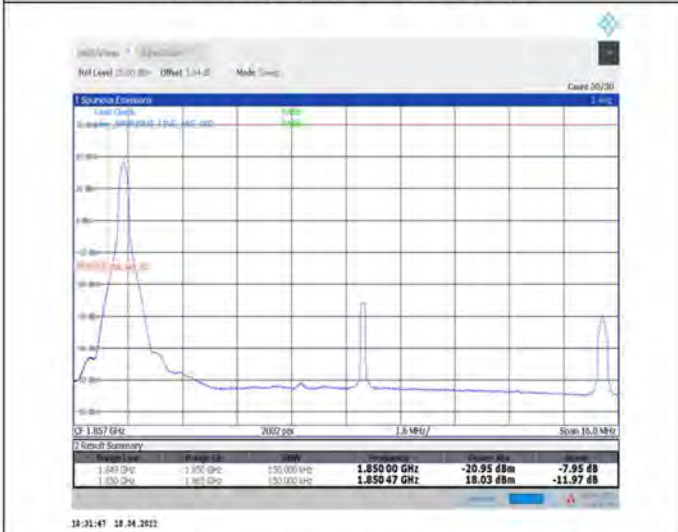
t (86-512) 62992980 www.sgs.com.cn  
 t (86-512) 62992980 sgs.china@sgs.com





1-N2--15-15-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-seegraph-PASS-see graph

1-N2--15-15-L-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-seegraph-PASS-see graph



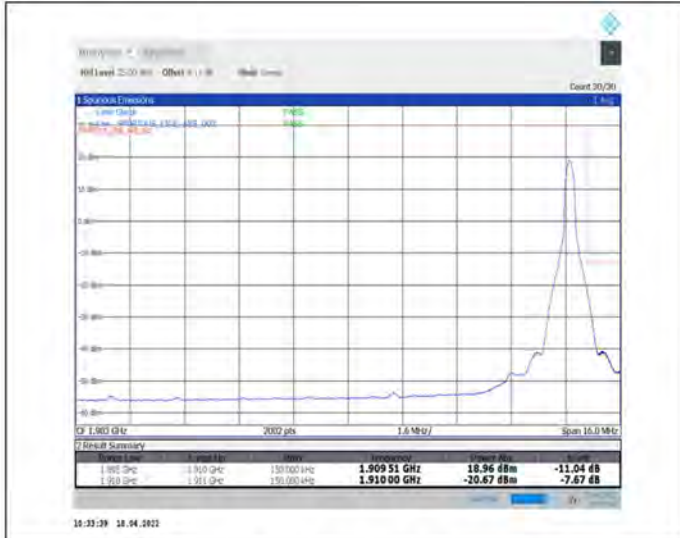
1-N2--15-15-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-seegraph-PASS-see graph

1-N2--15-15-L-6-CP-QPSK-Outer\_Full-79@0-Ant1-seegraph-PASS-see graph

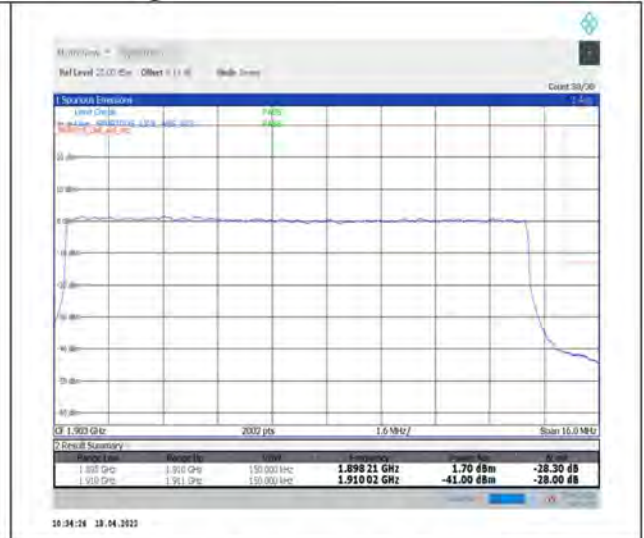


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.  
 Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

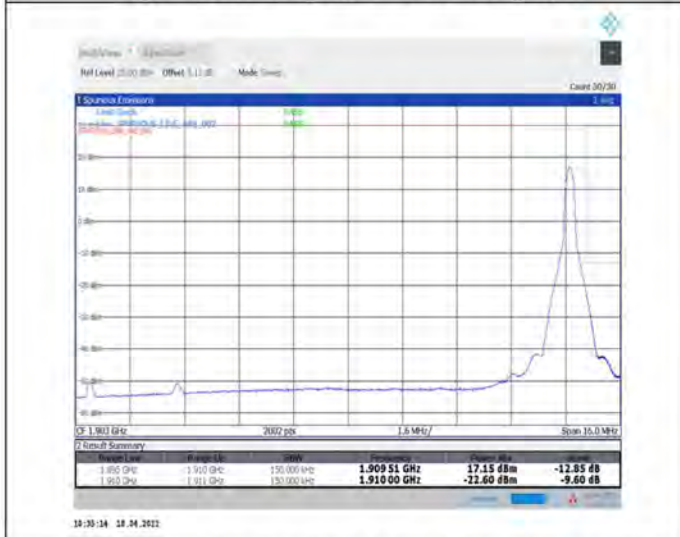
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone: 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



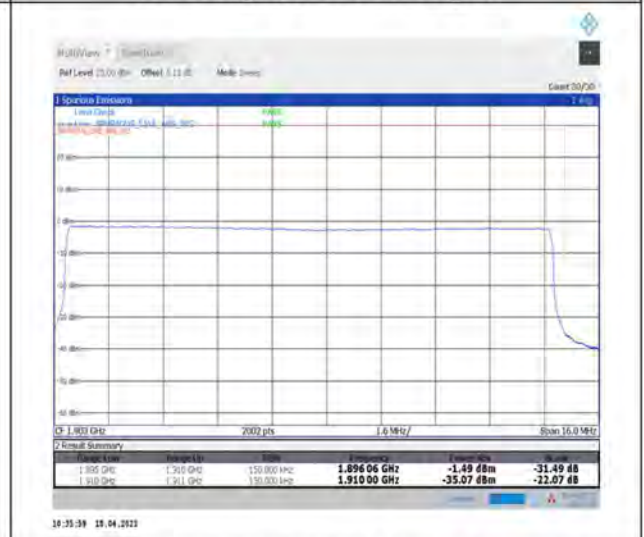
1-N2--15-15-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@78-Ant1-seegraph-PASS-see graph



1-N2--15-15-H-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-seegraph-PASS-see graph



1-N2--15-15-H-5-CP-QPSK-Edge\_1RB\_Right-1@78-Ant1-seegraph-PASS-see graph



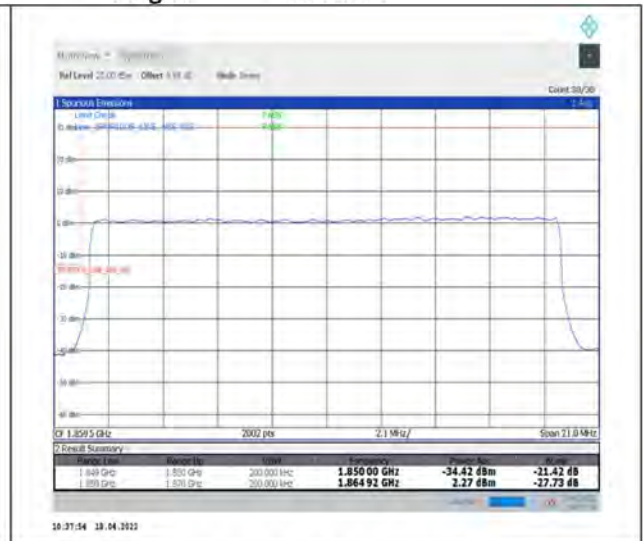
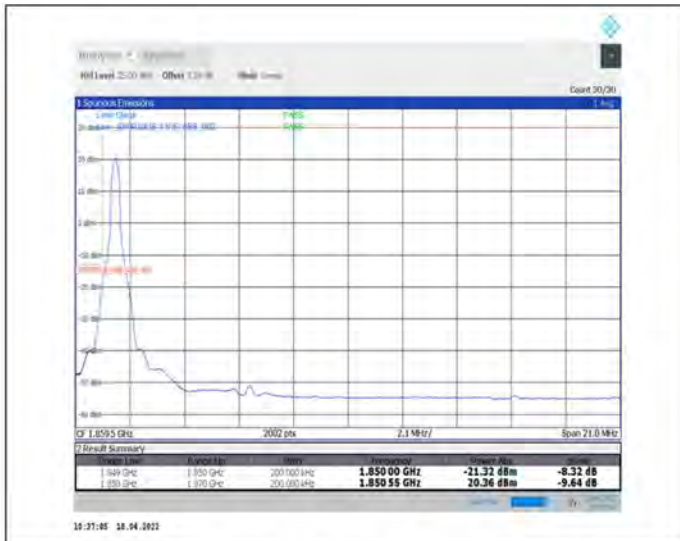
1-N2--15-15-H-6-CP-QPSK-Outer\_Full-79@0-Ant1-seegraph-PASS-see graph



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

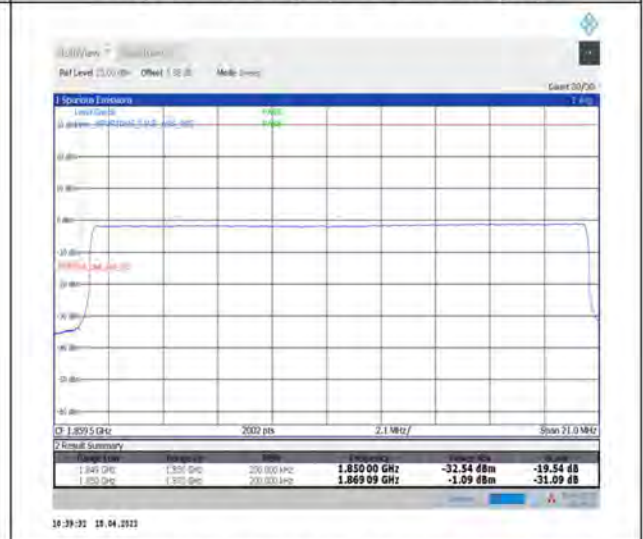
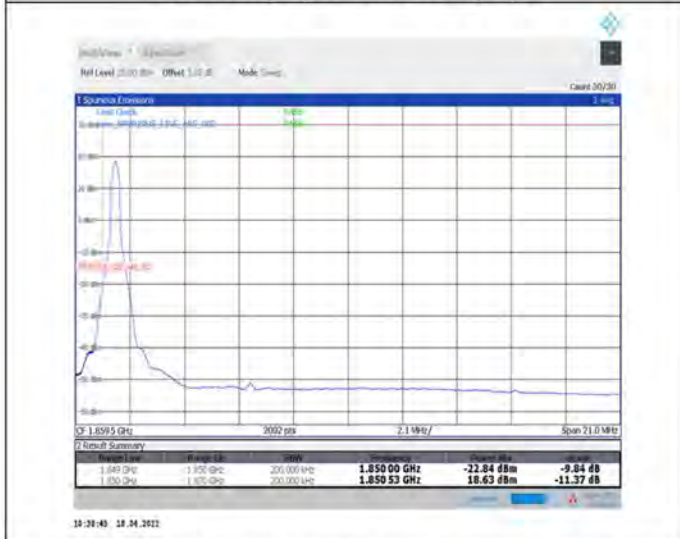
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone: 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com





1-N2--15-20-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-seegraph-PASS-see graph

1-N2--15-20-L-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-seegraph-PASS-see graph



1-N2--15-20-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-seegraph-PASS-see graph

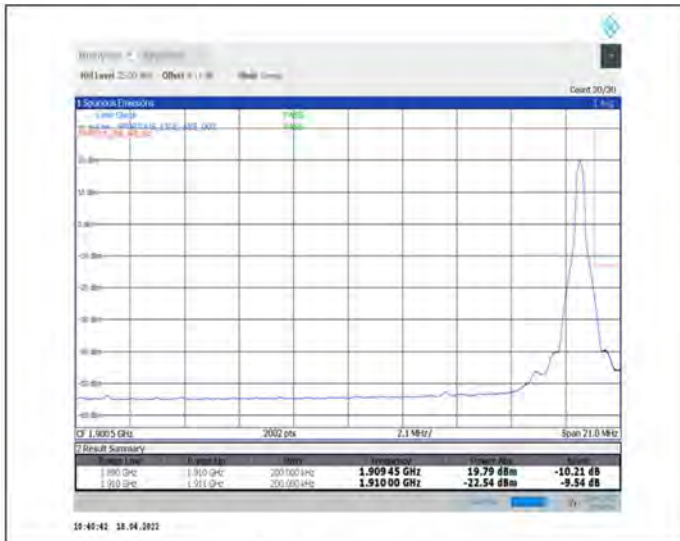
1-N2--15-20-L-6-CP-QPSK-Outer\_Full-106@0-Ant1-seegraph-PASS-see graph



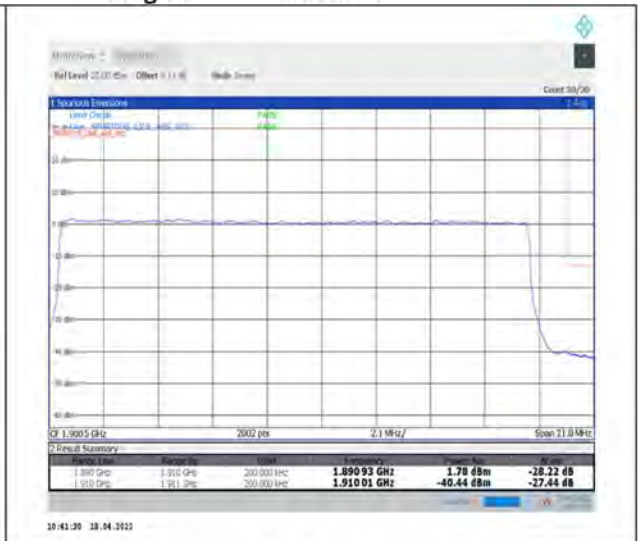
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

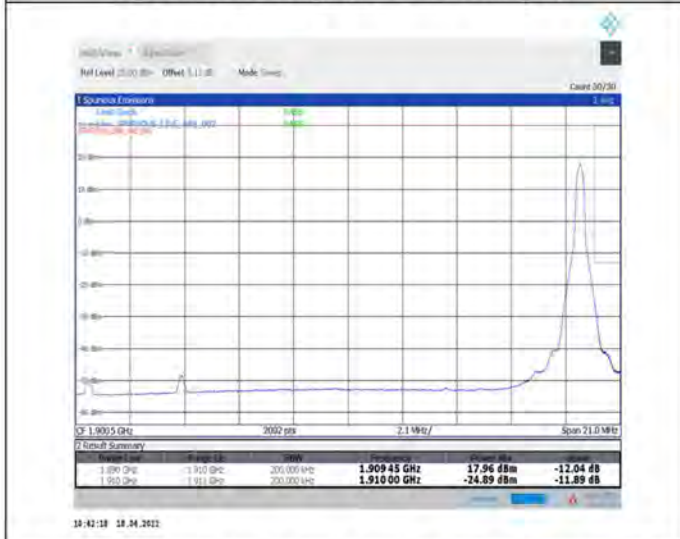
t (86-512) 62992980 www.sgs.com.cn  
 t (86-512) 62992980 sgs.china@sgs.com



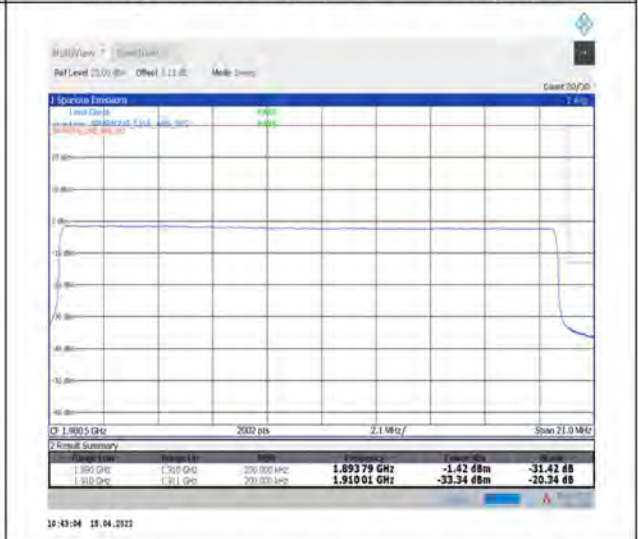
1-N2--15-20-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@105-Ant1-seegraph-PASS-see graph



1-N2--15-20-H-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-seegraph-PASS-see graph



1-N2--15-20-H-5-CP-QPSK-Edge\_1RB\_Right-1@105-Ant1-seegraph-PASS-see graph



1-N2--15-20-H-6-CP-QPSK-Outer\_Full-106@0-Ant1-seegraph-PASS-see graph



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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



### Conducted Spurious Emission for SA

#### Test Graphs

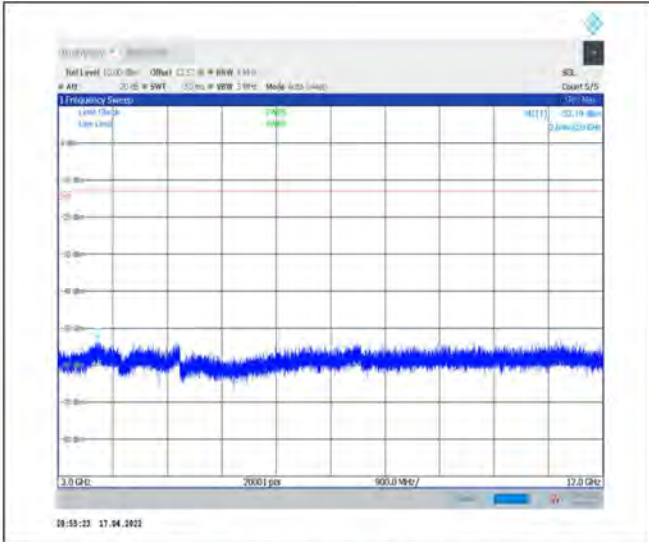
<p>1-N2--15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1--90.15--43-PASS</p>	<p>1-N2--15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1--85.90--33-PASS</p>
<p>1-N2--15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1--59.66--23-PASS</p>	<p>1-N2--15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1--43.59--13-PASS</p>



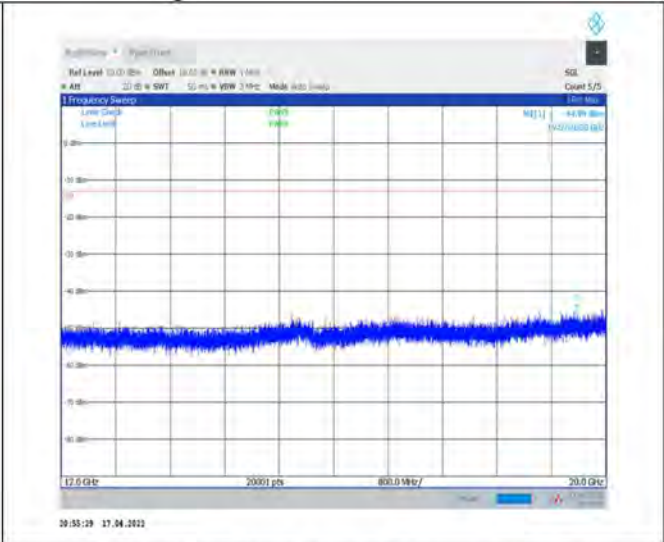
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

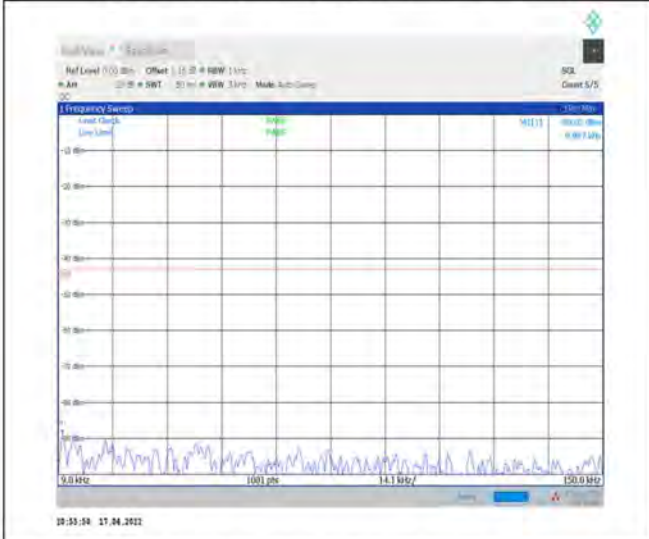
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone: 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



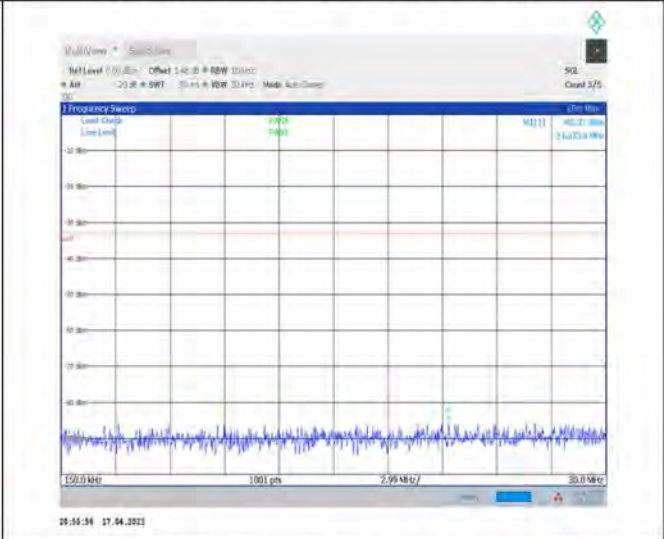
1-N2--15-20-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-3000-12000-Ant1--53.19--13-PASS



1-N2--15-20-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-12000-20000-Ant1--44.98--13-PASS



1-N2--15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.009-0.15-Ant1--89.02--43-PASS



1-N2--15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-Ant1--85.31--33-PASS

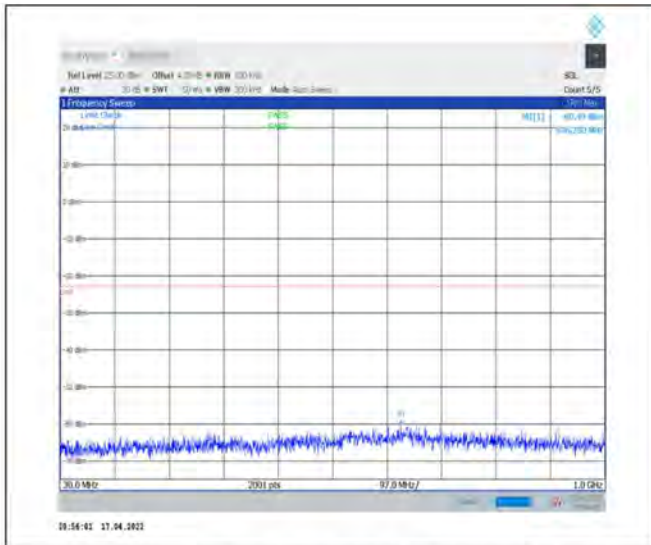


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.  
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

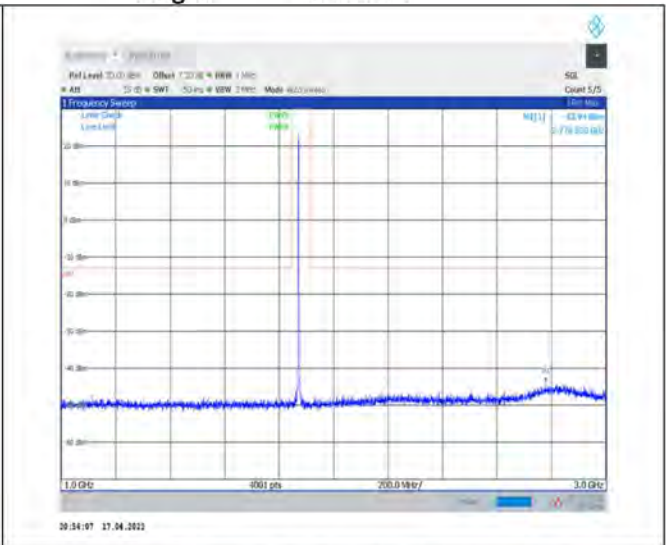
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

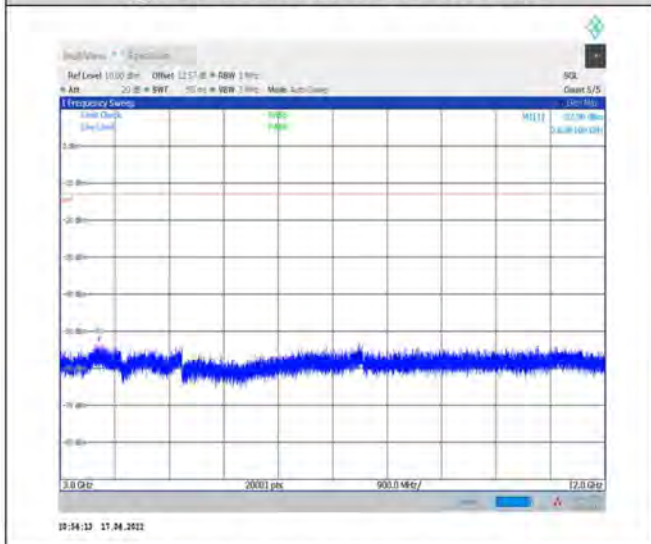




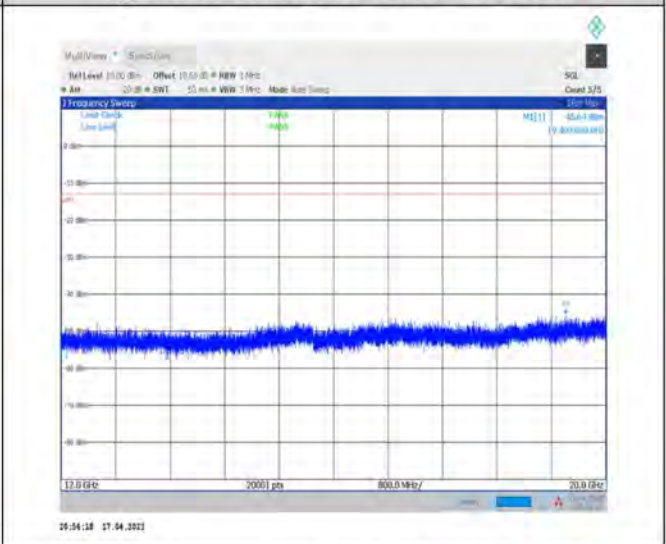
1-N2--15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-30-1000-Ant1--60.49--23-PASS



1-N2--15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-1000-3000-Ant1--43.94--13-PASS



1-N2--15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-3000-12000-Ant1--52.96--13-PASS



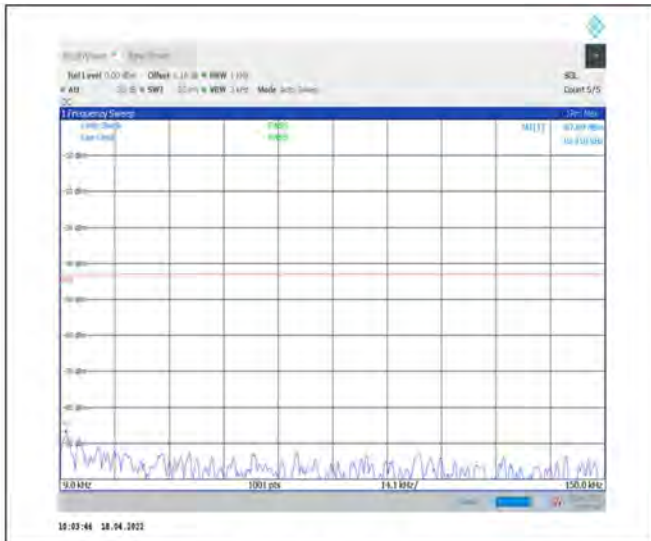
1-N2--15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-12000-20000-Ant1--45.64--13-PASS



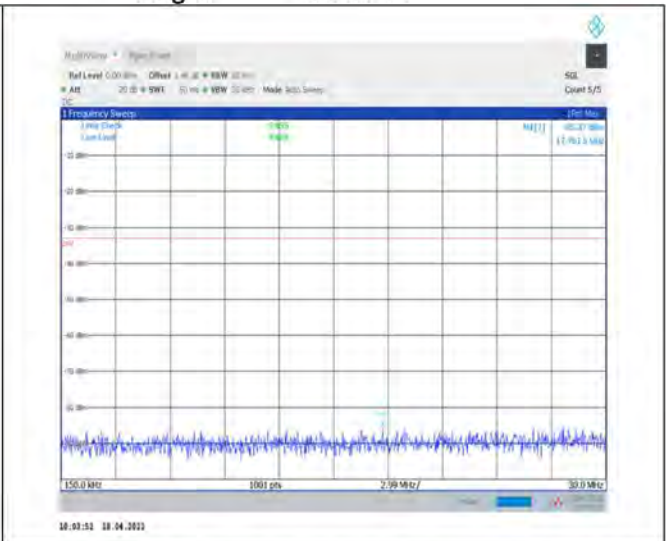
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

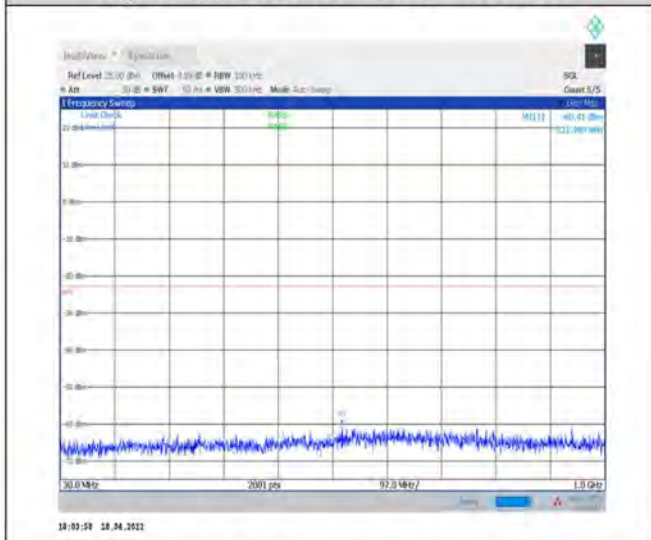
t (86-512) 62992980 www.sgs.com.cn  
 t (86-512) 62992980 sgs.china@sgs.com



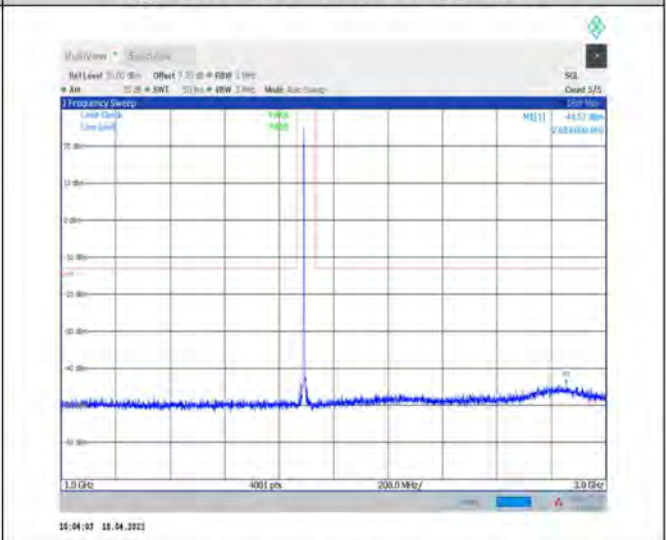
1-N2--15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.009-0.15-Ant1--87.69--43-PASS



1-N2--15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-Ant1--85.37--33-PASS



1-N2--15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-30-1000-Ant1--60.41--23-PASS



1-N2--15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-1000-3000-Ant1--44.57--13-PASS

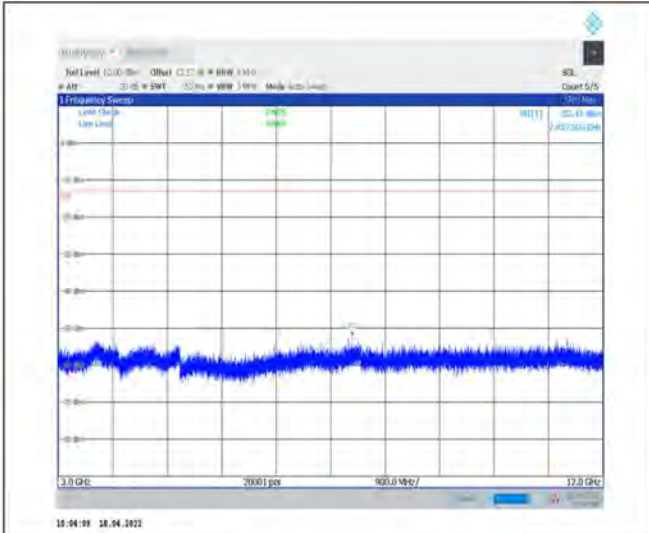


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

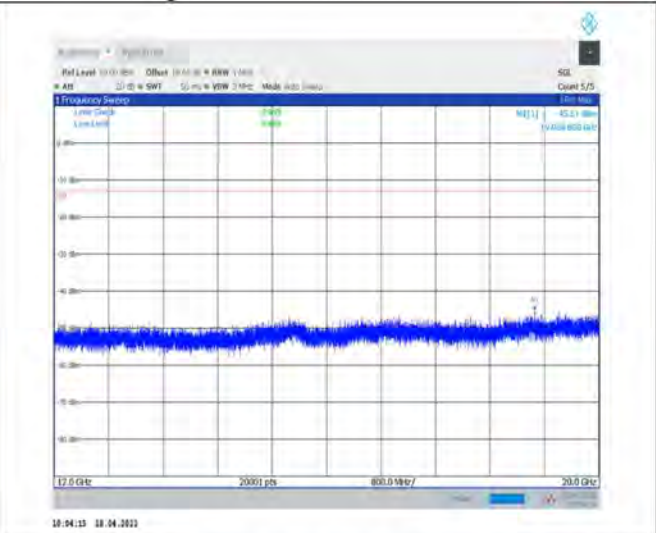
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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





1-N2--15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-  
1@1-3000-12000-Ant1--52.41--13-PASS



1-N2--15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-  
1@1-12000-20000-Ant1--45.51--13-PASS



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

### Field Strength of Spurious Radiation

Test Band = SA Band 2\_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	48.46	-111.07	-62.61	-13.00	49.61	263	296	Horizontal
2	5553.27	48.80	-106.36	-57.56	-13.00	44.56	251	148	Horizontal
3	7404.36	47.09	-100.78	-53.69	-13.00	40.69	174	343	Horizontal
4	9255.45	47.05	-95.08	-48.03	-13.00	35.03	186	3	Horizontal
5	11106.54	42.25	-91.12	-48.87	-13.00	35.87	264	360	Horizontal
6	12957.63	43.43	-90.60	-47.17	-13.00	34.17	147	360	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	48.03	-111.07	-63.04	-13.00	50.04	263	344	Vertical
2	5553.27	50.44	-106.36	-55.92	-13.00	42.92	251	147	Vertical
3	7404.36	48.04	-100.78	-52.74	-13.00	39.74	174	163	Vertical
4	9255.45	46.90	-95.08	-48.18	-13.00	35.18	186	96	Vertical
5	11106.54	41.71	-91.12	-49.41	-13.00	36.41	264	32	Vertical
6	12957.63	43.76	-90.60	-46.84	-13.00	33.84	244	263	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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-152) 8107 1443, or email: CN\_Overseas@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 Band 2\_TM1**
**Test Channel = Mid Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.18	47.66	-110.86	-63.20	-13.00	50.20	263	15	Horizontal
2	5613.27	48.54	-106.14	-57.60	-13.00	44.60	251	113	Horizontal
3	7484.36	47.52	-100.43	-52.91	-13.00	39.91	174	3	Horizontal
4	9355.45	47.52	-94.96	-47.44	-13.00	34.44	186	261	Horizontal
5	11226.54	43.27	-90.95	-47.68	-13.00	34.68	264	352	Horizontal
6	13097.63	42.74	-90.07	-47.33	-13.00	34.33	244	64	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	54.53	-110.87	-56.34	-13.00	43.34	263	198	Vertical
2	5613.27	50.34	-106.14	-55.80	-13.00	42.80	251	334	Vertical
3	7482	54.07	-100.44	-46.37	-13.00	33.37	214	184	Vertical
4	9355.45	46.13	-94.96	-48.83	-13.00	35.83	186	360	Vertical
5	11226.54	43.47	-90.95	-47.48	-13.00	34.48	264	51	Vertical
6	13097.63	43.65	-90.07	-46.42	-13.00	33.42	244	198	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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing (inspection) report & certificate, please contact us at telephone: (86-512) 62992980, or email: CN\_Overseas@sgs.com

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

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

Test Band = SA Band 2\_TM1  
 Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.18	49.85	-110.66	-60.81	-13.00	47.81	263	346	Horizontal
2	5673.27	50.23	-105.88	-55.65	-13.00	42.65	254	215	Horizontal
3	7564.36	49.32	-100.01	-50.69	-13.00	37.69	175	148	Horizontal
4	9455.45	45.04	-94.86	-49.82	-13.00	36.82	263	16	Horizontal
5	11346.54	43.01	-91.44	-48.43	-13.00	35.43	254	360	Horizontal
6	13237.63	43.12	-90.49	-47.37	-13.00	34.37	177	148	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.18	47.60	-110.66	-63.06	-13.00	50.06	251	99	Vertical
2	5673.27	49.00	-105.88	-56.88	-13.00	43.88	174	262	Vertical
3	7564.36	48.17	-100.01	-51.84	-13.00	38.84	254	116	Vertical
4	9455.45	44.18	-94.86	-50.68	-13.00	37.68	177	166	Vertical
5	11346.54	42.89	-91.44	-48.55	-13.00	35.55	198	181	Vertical
6	13237.63	44.26	-90.49	-46.23	-13.00	33.23	162	262	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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.  
 Attention: To check the authenticity of testing (inspection) report & certificate, please contact us at telephone: (86-152) 6307 1443, or email: CN\_Overseas@sgs.com

South of No. 6 Road, 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	3.100000	0.001649	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	5.300000	0.002819	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-0.600000	-0.000319	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VH	NT	5.100000	0.002713	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VN	NT	4.100000	0.002181	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VL	NT	2.600000	0.001383	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: (86-153) 6307 1443, or email: CN\_Qwcheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pktd 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) 62962980 www.sgs.com.cn  
 t (86-512) 62962980 sgs.china@sgs.com



Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	3.300000	0.001755	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	0.700000	0.000372	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	5.500000	0.002926	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	4.900000	0.002606	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	3.900000	0.002074	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	0.000000	0.000000	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	3.400000	0.001809	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	3.400000	0.001809	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	1.700000	0.000904	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-30	9.000000	0.004787	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-20	4.900000	0.002606	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-10	3.200000	0.001702	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	0	10.600000	0.005638	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	10	2.600000	0.001383	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	20	4.700000	0.002500	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	30	3.300000	0.001755	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	40	2.400000	0.001277	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	50	4.700000	0.002500	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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing/inspection reports & certificates, please contact us at telephone: 86-152 8307 1443, or email: CN\_Quechac@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生路1号的6号厂房南楼 邮编: 215000

t (86-512) 62962980 www.sgs.com.cn  
 t (86-512) 62992980 sgs.china@sgs.com