

Report No.: SEWM2306000194RG02

Rev.: 01

Page: 1 of 72

Appendix B.22

NR Band n5



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> 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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Ant13:

Band	SCS	Band width	Modulation	Chan nel	RB Config	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.39	16.74	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.32	16.67	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	22.89	16.24	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Left	23.24	16.59	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Right	23.19	16.54	38.45	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	22.40	15.75	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Left	22.29	15.64	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Right	22.23	15.58	38.45	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	21.42	14.77	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Left	21.06	14.41	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Right	21.05	14.40	38.45	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	20.92	14.27	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Left	18.42	11.77	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Right	18.37	11.72	38.45	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	18.87	12.22	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.17	16.52	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.18	16.53	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	22.72	16.07	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Left	23.04	16.39	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Right	23.07	16.42	38.45	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	22.19	15.54	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Left	22.19	15.54	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Right	22.12	15.47	38.45	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	21.23	14.58	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Left	20.88	14.23	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Right	20.84	14.19	38.45	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	20.70	14.05	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Left	18.10	11.45	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Right	18.16	11.51	38.45	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	18.60	11.95	38.45	PASS



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

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

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

N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.08	16.43	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.10	16.45	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Outer_Full	22.53	15.88	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Left	22.97	16.32	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Right	23.10	16.45	38.45	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	22.08	15.43	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Left	22.04	15.39	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Right	22.11	15.46	38.45	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	21.03	14.38	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Left	20.83	14.18	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Right	20.87	14.22	38.45	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	20.51	13.86	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Left	18.09	11.44	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Right	18.14	11.49	38.45	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	18.51	11.86	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.31	16.66	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.11	16.46	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	22.86	16.21	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Left	23.22	16.57	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Right	23.12	16.47	38.45	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	22.33	15.68	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Left	22.22	15.57	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Right	22.15	15.50	38.45	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	21.31	14.66	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Left	21.10	14.45	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Right	20.88	14.23	38.45	PASS
N5	15	10	DFT-64QAM	L	Outer_Full	20.87	14.22	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Left	18.37	11.72	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Right	18.15	11.50	38.45	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	18.71	12.06	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.19	16.54	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.07	16.42	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	22.70	16.05	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Left	22.75	16.10	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Right	23.09	16.44	38.45	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	22.20	15.55	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Left	22.12	15.47	38.45	PASS



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

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

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

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

N5	15	10	DFT-16QAM	M	Inner_1RB_Right	22.02	15.37	38.45	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	21.19	14.54	38.45	PASS
N5	15	10	DFT-64QAM	M	Inner_1RB_Left	20.91	14.26	38.45	PASS
N5	15	10	DFT-64QAM	M	Inner_1RB_Right	20.94	14.29	38.45	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	20.73	14.08	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Left	18.18	11.53	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Right	18.16	11.51	38.45	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	18.63	11.98	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.08	16.43	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.12	16.47	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	22.67	16.02	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Left	22.95	16.30	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Right	23.01	16.36	38.45	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	22.13	15.48	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Left	21.95	15.30	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Right	22.01	15.36	38.45	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	21.04	14.39	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Left	20.82	14.17	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Right	20.83	14.18	38.45	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	20.71	14.06	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Left	18.06	11.41	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Right	18.12	11.47	38.45	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	18.61	11.96	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.41	16.76	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.14	16.49	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	22.90	16.25	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Left	23.36	16.71	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Right	23.08	16.43	38.45	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	22.37	15.72	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Left	22.37	15.72	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Right	22.11	15.46	38.45	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	21.40	14.75	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Left	21.27	14.62	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Right	20.85	14.20	38.45	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	20.91	14.26	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Left	18.53	11.88	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Right	18.19	11.54	38.45	PASS



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

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

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

N5	15	15	DFT-256QAM	L	Outer_Full	18.80	12.15	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.38	16.73	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.11	16.46	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	22.81	16.16	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Left	23.27	16.62	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Right	23.05	16.40	38.45	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	22.29	15.64	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Left	22.27	15.62	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Right	22.02	15.37	38.45	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	21.34	14.69	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Left	21.15	14.50	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Right	20.89	14.24	38.45	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	20.83	14.18	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Left	18.45	11.80	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Right	18.20	11.55	38.45	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	18.75	12.10	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.31	16.66	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.10	16.45	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Outer_Full	22.73	16.08	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Left	23.21	16.56	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Right	22.98	16.33	38.45	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	22.20	15.55	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Left	22.22	15.57	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Right	22.00	15.35	38.45	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	21.23	14.58	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Left	20.79	14.14	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Right	20.80	14.15	38.45	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	20.74	14.09	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Left	18.32	11.67	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Right	18.08	11.43	38.45	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	18.63	11.98	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.47	16.82	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.12	16.47	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	22.92	16.27	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Left	23.35	16.70	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Right	23.01	16.36	38.45	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	22.48	15.83	38.45	PASS



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

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

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

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

N5	15	20	DFT-16QAM	L	Inner_1RB_Left	22.36	15.71	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Right	22.02	15.37	38.45	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	21.37	14.72	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Left	21.19	14.54	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Right	20.91	14.26	38.45	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	20.95	14.30	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Left	18.52	11.87	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Right	18.31	11.66	38.45	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	18.91	12.26	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.39	16.74	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.02	16.37	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	22.79	16.14	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Left	23.27	16.62	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Right	22.99	16.34	38.45	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	22.34	15.69	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Left	22.29	15.64	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Right	22.06	15.41	38.45	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	21.33	14.68	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Left	21.07	14.42	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Right	20.74	14.09	38.45	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	20.91	14.26	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Left	18.41	11.76	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Right	18.13	11.48	38.45	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	18.84	12.19	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.29	16.64	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.01	16.36	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	22.76	16.11	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Left	23.15	16.50	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Right	22.88	16.23	38.45	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	22.30	15.65	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Left	22.27	15.62	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Right	22.03	15.38	38.45	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	21.28	14.63	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Left	21.04	14.39	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Right	20.75	14.10	38.45	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	20.75	14.10	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Left	18.44	11.79	38.45	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



Report No.: SEWM2306000194RG02

Rev.: 01

Page: 7 of 72

N5	15	20	DFT-256QAM	H	Inner_1RB_Right	18.11	11.46	38.45	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	18.74	12.09	38.45	PASS



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

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

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

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

Report No.: SEWM2306000194RG02

Rev.: 01

Page: 8 of 72

Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N5	15	20	DFT-256QAM	L	Outer_Full	100%	0.00	8.92	≤13	PASS
N5	15	20	CP-256QAM	L	Outer_Full	100%	0.00	9.62	≤13	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	8.99	≤13	PASS
N5	15	20	CP-256QAM	M	Outer_Full	100%	0.00	9.95	≤13	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	8.80	≤13	PASS
N5	15	20	CP-256QAM	H	Outer_Full	100%	0.00	9.68	≤13	PASS



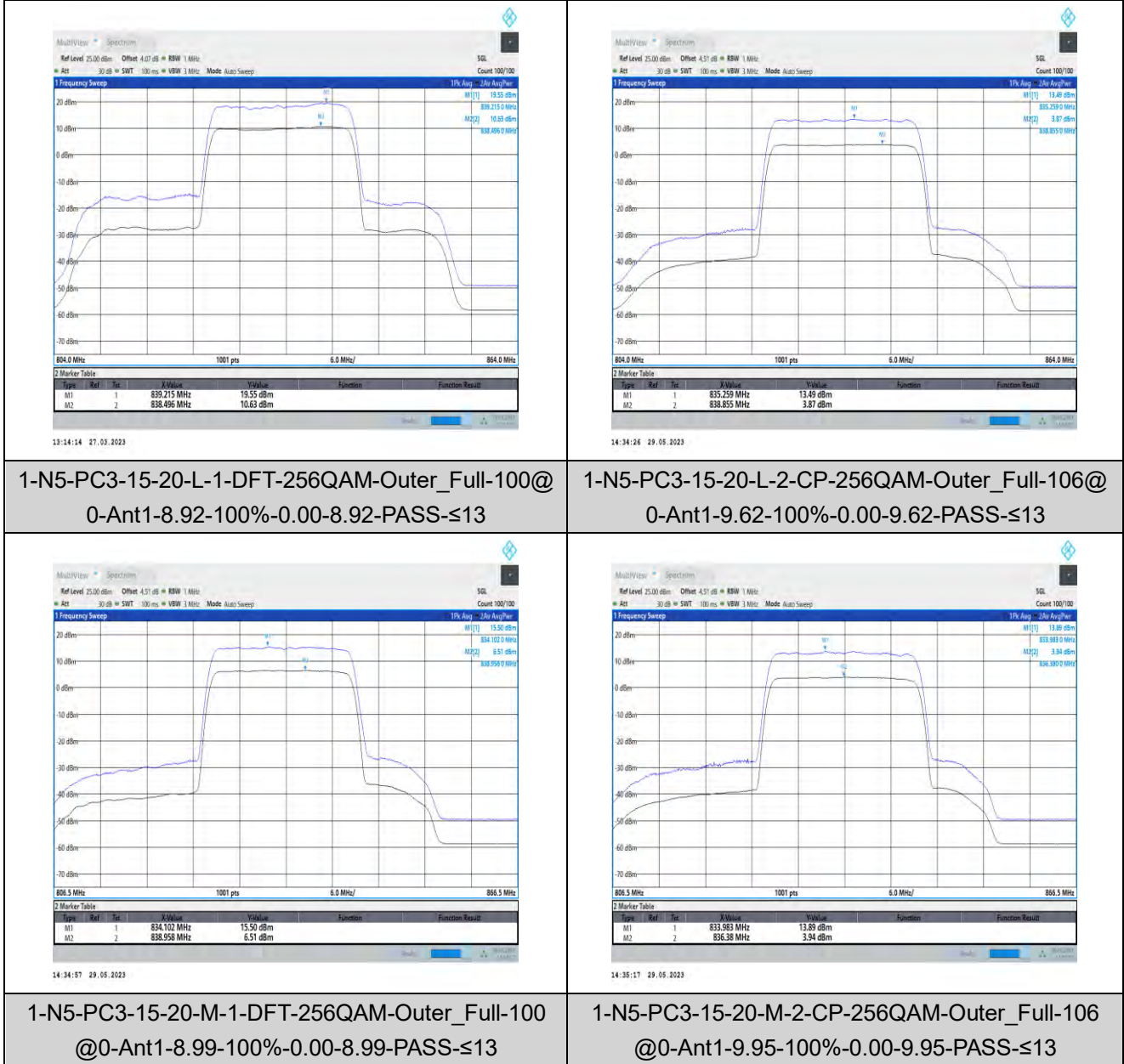
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

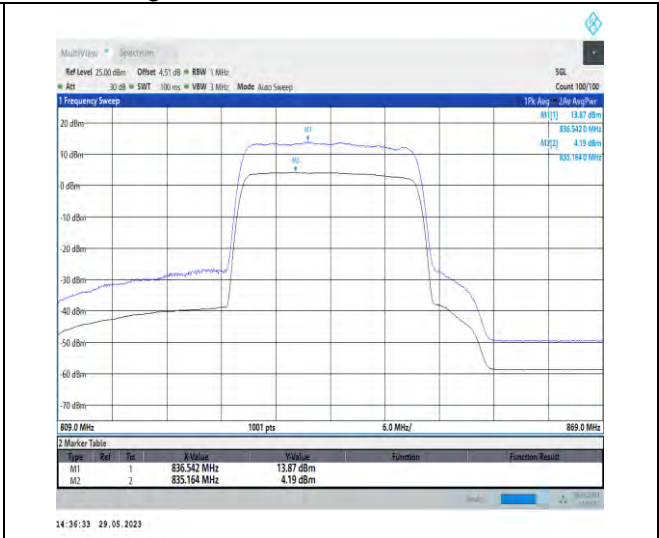
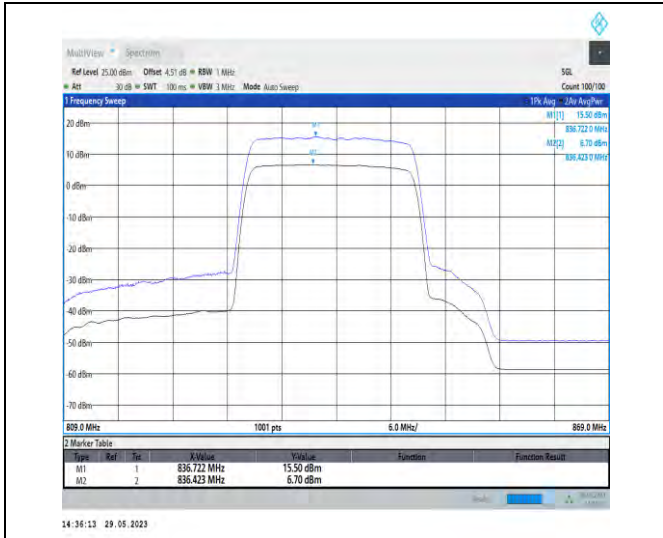
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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

Test Graphs





1-N5-PC3-15-20-H-1-DFT-256QAM-Outer_Full-100
@0-Ant1-8.80-100%-0.00-8.80-PASS-≤13

1-N5-PC3-15-20-H-2-CP-256QAM-Outer_Full-106@
0-Ant1-9.68-100%-0.00-9.68-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-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, Ransheng 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

Modulation characteristics for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	see graph	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	see graph	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	see graph	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-QPSK	M	Outer_Full	see graph	PASS
N5	15	20	CP-16QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-64QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-256QAM	M	Outer_Full	see graph	PASS



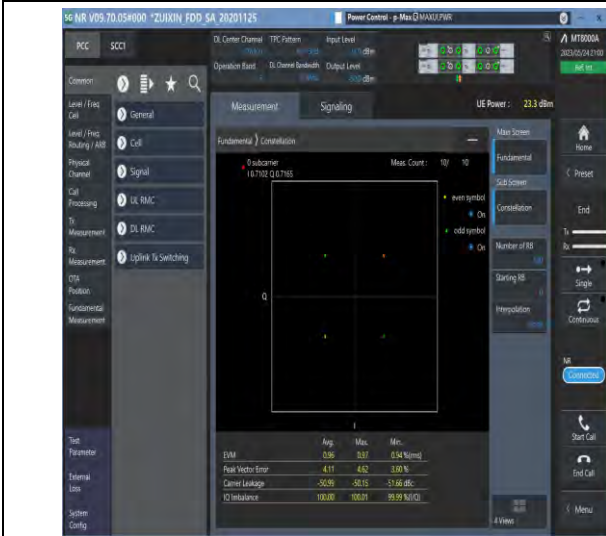
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

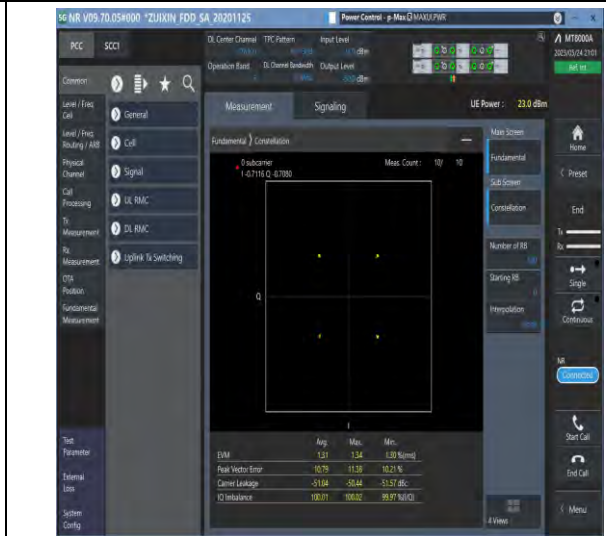
South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

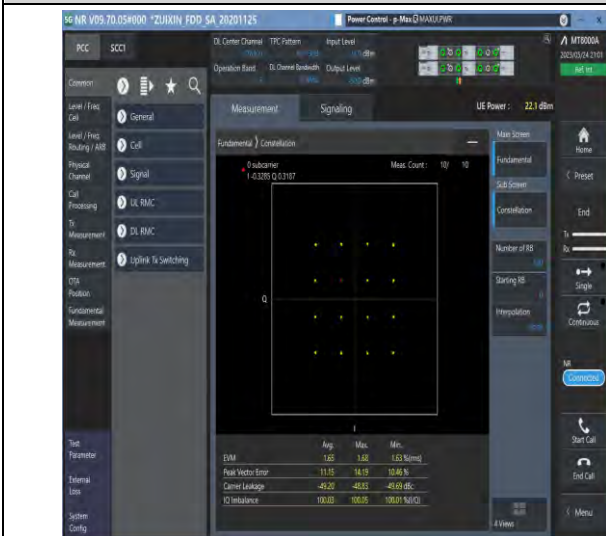
Test Graphs



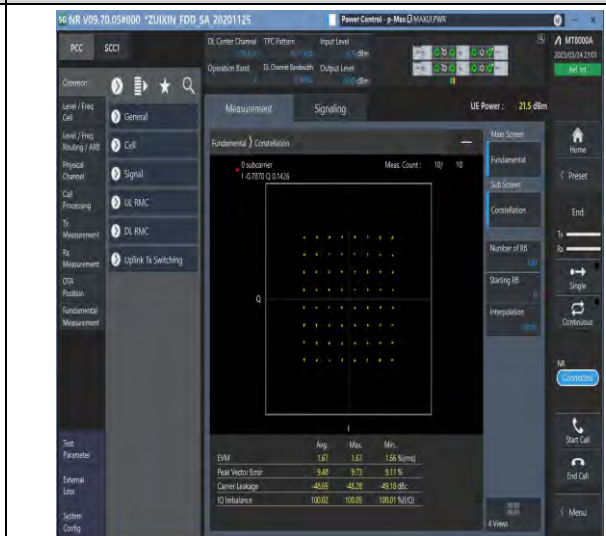
1-N5-PC3-15-20-M-1-DFT-PI2BPSK-Outer_Full-100 @0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-2-DFT-QPSK-Outer_Full-100@ 0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100@ 0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100 @0-Ant1-see graph-PASS

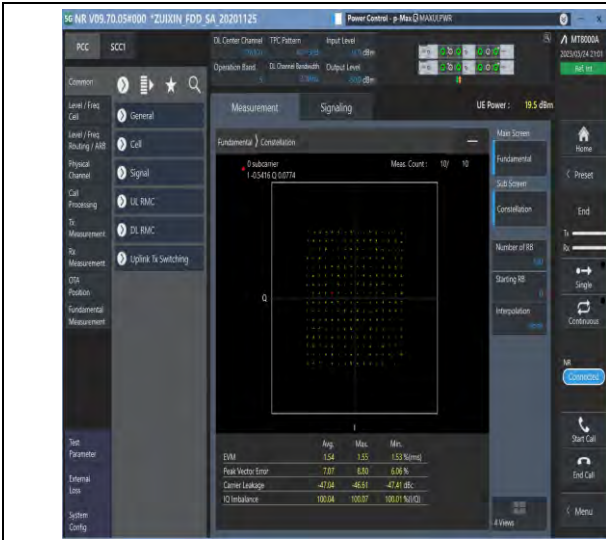


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

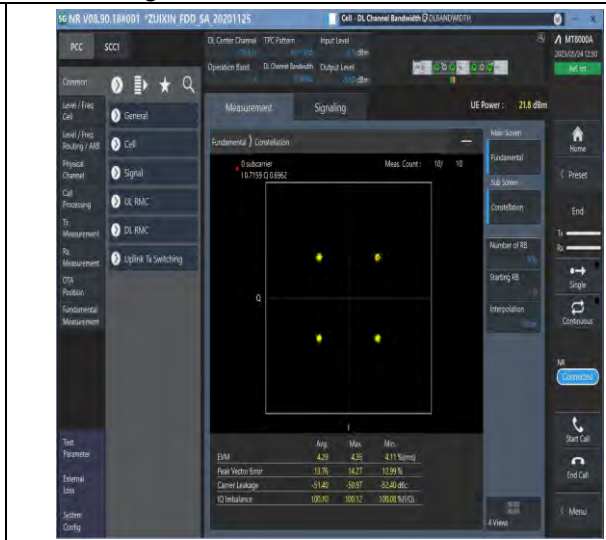
Attention: To check the authenticity of testing/inspection report and certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

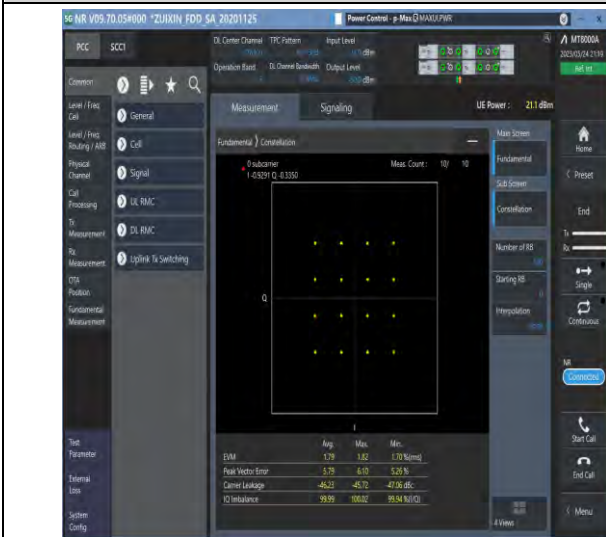
t (86-512) 62992980 www.sgs.com.cn
 t (86-512) 62992980 sgs.china@sgs.com



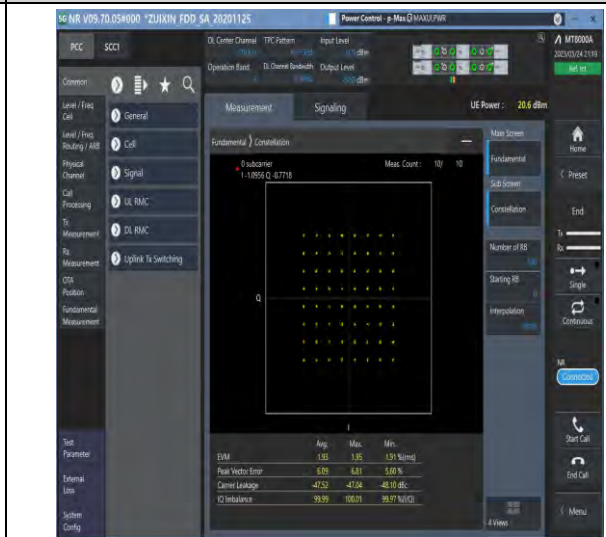
1-N5-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100 @0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant1-see graph-PASS

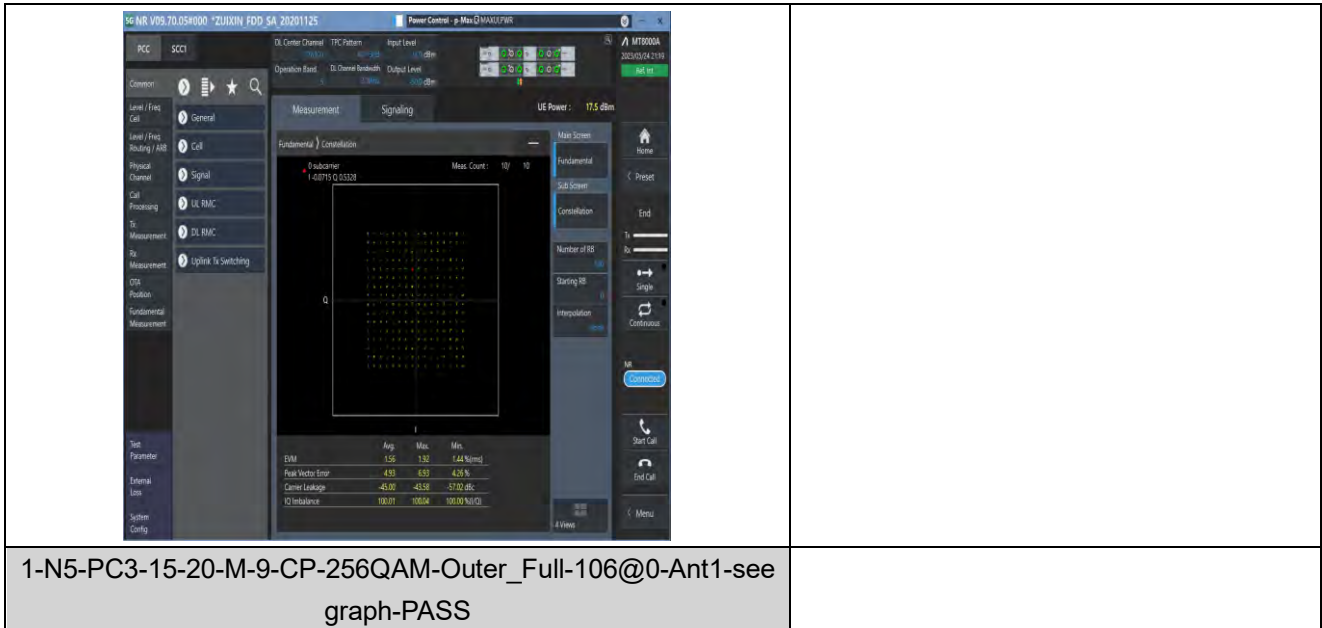


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> 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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路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
N5	15	5	DFT-QPSK	L	Outer_Full	4.470	4.790	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	4.478	4.830	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	4.471	4.790	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	4.468	4.830	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	4.468	4.810	PASS
N5	15	5	CP-QPSK	L	Outer_Full	4.469	4.870	PASS
N5	15	5	CP-16QAM	L	Outer_Full	4.467	4.850	PASS
N5	15	5	CP-64QAM	L	Outer_Full	4.479	4.820	PASS
N5	15	5	CP-256QAM	L	Outer_Full	4.452	4.760	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	4.472	4.760	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	4.459	4.860	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	4.462	4.800	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	4.463	4.820	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	4.454	4.860	PASS
N5	15	5	CP-QPSK	M	Outer_Full	4.468	4.930	PASS
N5	15	5	CP-16QAM	M	Outer_Full	4.478	4.830	PASS
N5	15	5	CP-64QAM	M	Outer_Full	4.481	4.850	PASS
N5	15	5	CP-256QAM	M	Outer_Full	4.475	4.820	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	4.475	4.790	PASS
N5	15	5	DFT-PI2BPSK	H	Outer_Full	4.465	4.840	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	4.483	4.850	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	4.465	4.800	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	4.460	4.840	PASS
N5	15	5	CP-QPSK	H	Outer_Full	4.466	4.830	PASS
N5	15	5	CP-16QAM	H	Outer_Full	4.469	4.880	PASS
N5	15	5	CP-64QAM	H	Outer_Full	4.485	4.870	PASS
N5	15	5	CP-256QAM	H	Outer_Full	4.464	4.850	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	8.914	9.540	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	8.910	9.600	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	8.949	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 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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2306000194RG02

Rev.: 01

Page: 16 of 72

N5	15	10	DFT-64QAM	L	Outer_Full	8.922	9.500	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	8.919	9.360	PASS
N5	15	10	CP-QPSK	L	Outer_Full	9.296	9.900	PASS
N5	15	10	CP-16QAM	L	Outer_Full	9.311	9.840	PASS
N5	15	10	CP-64QAM	L	Outer_Full	9.317	9.740	PASS
N5	15	10	CP-256QAM	L	Outer_Full	9.256	9.820	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	8.897	9.540	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	8.900	9.580	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	8.934	9.520	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	8.901	9.460	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	8.928	9.460	PASS
N5	15	10	CP-QPSK	M	Outer_Full	9.285	9.980	PASS
N5	15	10	CP-16QAM	M	Outer_Full	9.28	9.840	PASS
N5	15	10	CP-64QAM	M	Outer_Full	9.305	9.860	PASS
N5	15	10	CP-256QAM	M	Outer_Full	9.304	9.880	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	8.907	9.440	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	8.900	9.520	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	8.944	9.480	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	8.900	9.580	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	8.920	9.500	PASS
N5	15	10	CP-QPSK	H	Outer_Full	9.299	9.900	PASS
N5	15	10	CP-16QAM	H	Outer_Full	9.311	9.920	PASS
N5	15	10	CP-64QAM	H	Outer_Full	9.275	9.820	PASS
N5	15	10	CP-256QAM	H	Outer_Full	9.279	9.840	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	13.446	14.250	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	13.430	14.220	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	13.456	14.190	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	13.442	14.310	PASS
N5	15	15	DFT-256QAM	L	Outer_Full	13.442	14.250	PASS
N5	15	15	CP-QPSK	L	Outer_Full	14.124	14.970	PASS
N5	15	15	CP-16QAM	L	Outer_Full	14.153	14.880	PASS
N5	15	15	CP-64QAM	L	Outer_Full	14.088	14.910	PASS
N5	15	15	CP-256QAM	L	Outer_Full	14.115	14.940	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	13.437	14.340	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	13.401	14.190	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	13.454	14.220	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	13.433	14.220	PASS



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

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

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

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

N5	15	15	DFT-256QAM	M	Outer_Full	13.458	14.220	PASS
N5	15	15	CP-QPSK	M	Outer_Full	14.074	14.910	PASS
N5	15	15	CP-16QAM	M	Outer_Full	14.103	14.940	PASS
N5	15	15	CP-64QAM	M	Outer_Full	14.097	14.910	PASS
N5	15	15	CP-256QAM	M	Outer_Full	14.110	14.850	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	13.403	14.280	PASS
N5	15	15	DFT-PI2BPSK	H	Outer_Full	13.402	14.130	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	13.446	14.160	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	13.403	14.190	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	13.409	14.100	PASS
N5	15	15	CP-QPSK	H	Outer_Full	14.121	14.880	PASS
N5	15	15	CP-16QAM	H	Outer_Full	14.116	14.820	PASS
N5	15	15	CP-64QAM	H	Outer_Full	14.130	14.820	PASS
N5	15	15	CP-256QAM	H	Outer_Full	14.085	14.850	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	17.868	18.800	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	17.906	18.800	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	17.906	18.720	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	17.889	18.960	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	17.872	18.960	PASS
N5	15	20	CP-QPSK	L	Outer_Full	18.883	19.960	PASS
N5	15	20	CP-16QAM	L	Outer_Full	18.921	19.840	PASS
N5	15	20	CP-64QAM	L	Outer_Full	18.935	19.840	PASS
N5	15	20	CP-256QAM	L	Outer_Full	18.903	19.840	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	17.879	19.000	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	17.863	18.960	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	17.876	18.720	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	17.871	19.040	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	17.825	18.920	PASS
N5	15	20	CP-QPSK	M	Outer_Full	18.905	19.720	PASS
N5	15	20	CP-16QAM	M	Outer_Full	18.926	19.880	PASS
N5	15	20	CP-64QAM	M	Outer_Full	18.878	19.800	PASS
N5	15	20	CP-256QAM	M	Outer_Full	18.849	19.880	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	17.824	18.720	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	17.842	18.960	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	17.864	18.840	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	17.846	18.840	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	17.833	18.680	PASS



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

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

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

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



Report No.: SEWM2306000194RG02

Rev.: 01

Page: 18 of 72

N5	15	20	CP-QPSK	H	Outer_Full	18.856	19.800	PASS
N5	15	20	CP-16QAM	H	Outer_Full	18.915	19.760	PASS
N5	15	20	CP-64QAM	H	Outer_Full	18.872	19.760	PASS
N5	15	20	CP-256QAM	H	Outer_Full	18.852	19.720	PASS

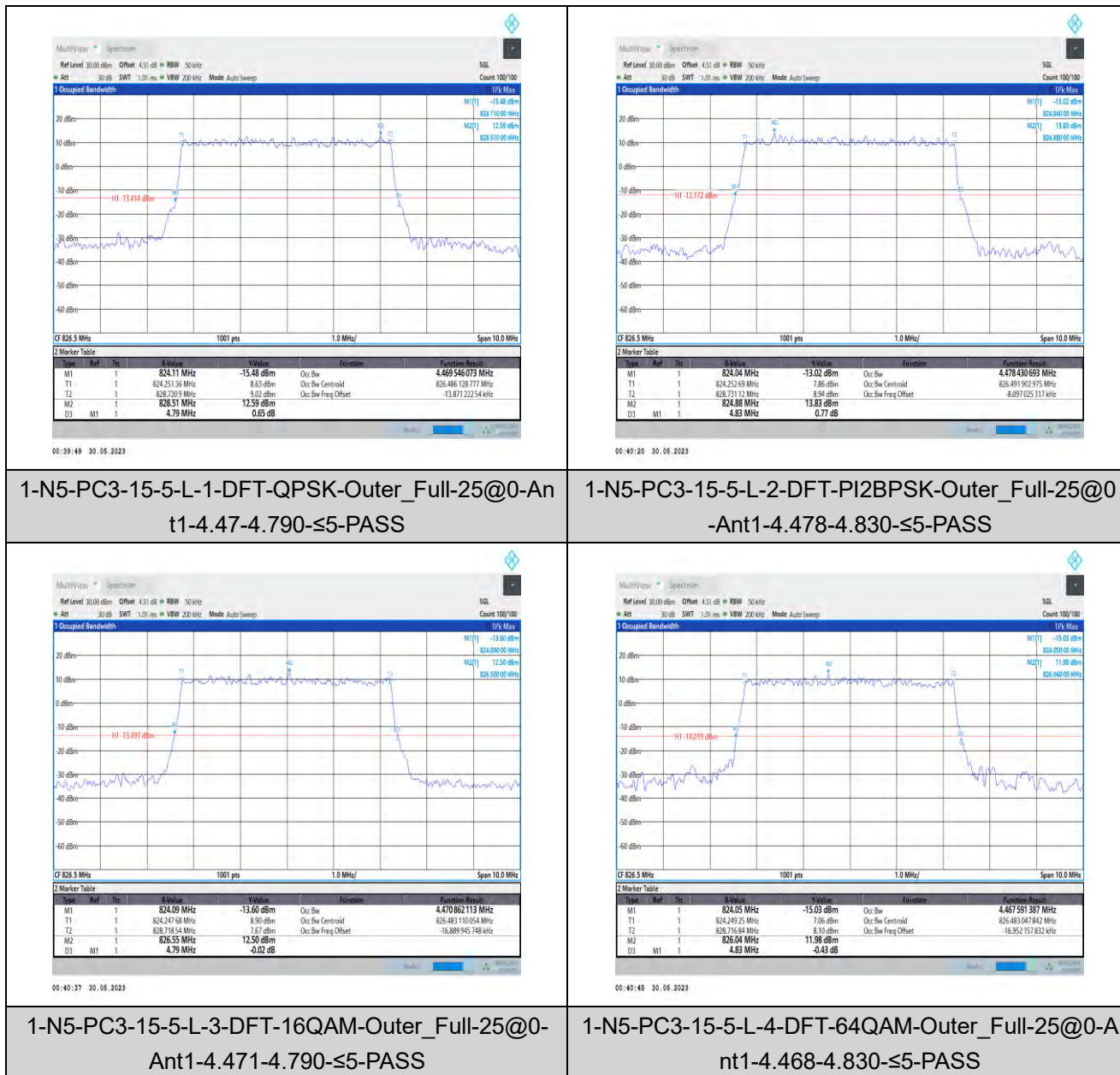


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

Test Graphs



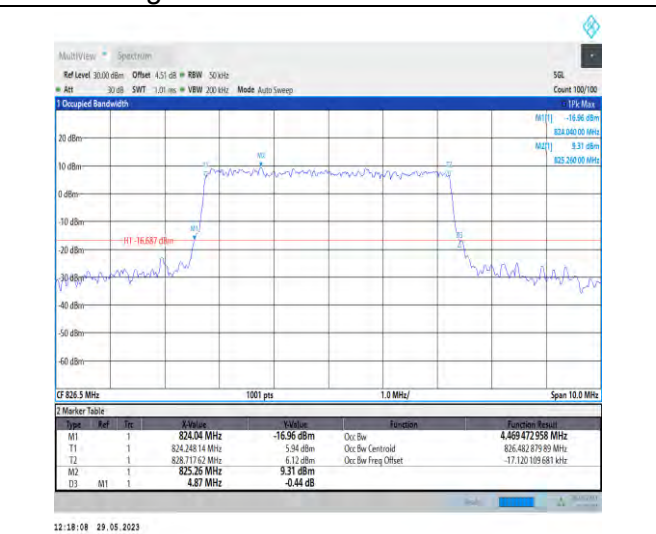
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

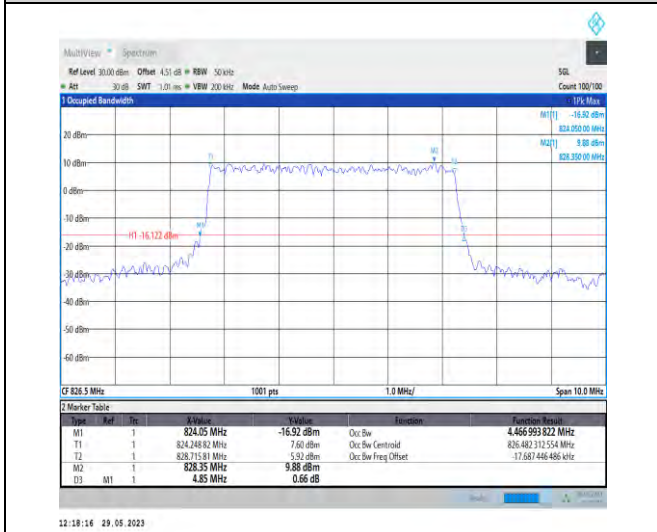
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N5-PC3-15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.468-4.810-≤5-PASS



1-N5-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant 1-4.469-4.870-≤5-PASS



1-N5-PC3-15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant1-4.467-4.850-≤5-PASS



1-N5-PC3-15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-4.479-4.820-≤5-PASS

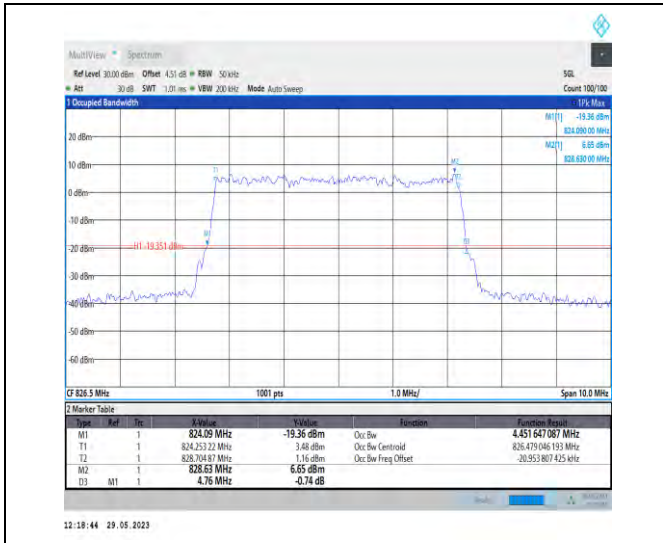


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路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-N5-PC3-15-5-L-9-CP-256QAM-Outer_Full-25@0-A
nt1-4.452-4.760-≤5-PASS



1-N5-PC3-15-5-M-1-DFT-QPSK-Outer_Full-25@0-A
nt1-4.472-4.760-≤5-PASS



1-N5-PC3-15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0
-Ant1-4.459-4.860-≤5-PASS



1-N5-PC3-15-5-M-3-DFT-16QAM-Outer_Full-25@0-
Ant1-4.462-4.800-≤5-PASS



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

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

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

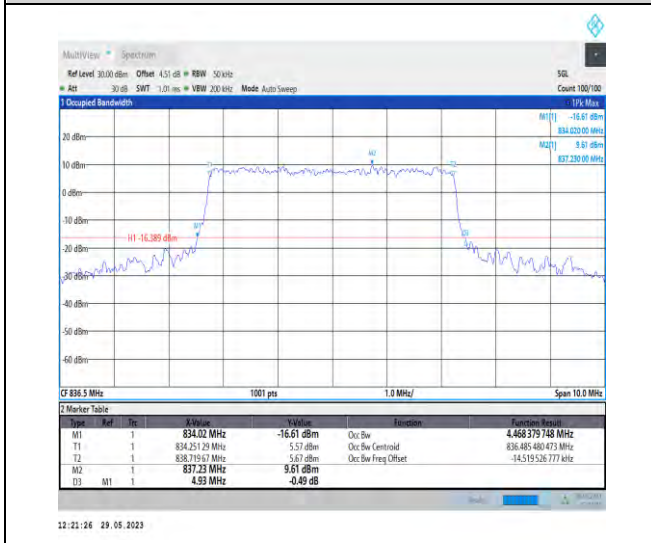
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com



1-N5-PC3-15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.463-4.820-≤5-PASS



1-N5-PC3-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.454-4.860-≤5-PASS



1-N5-PC3-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.468-4.930-≤5-PASS



1-N5-PC3-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-4.478-4.830-≤5-PASS



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

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

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

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



1-N5-PC3-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1-4.481-4.850-≤ 5-PASS



1-N5-PC3-15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant1-4.475-4.820-≤ 5-PASS

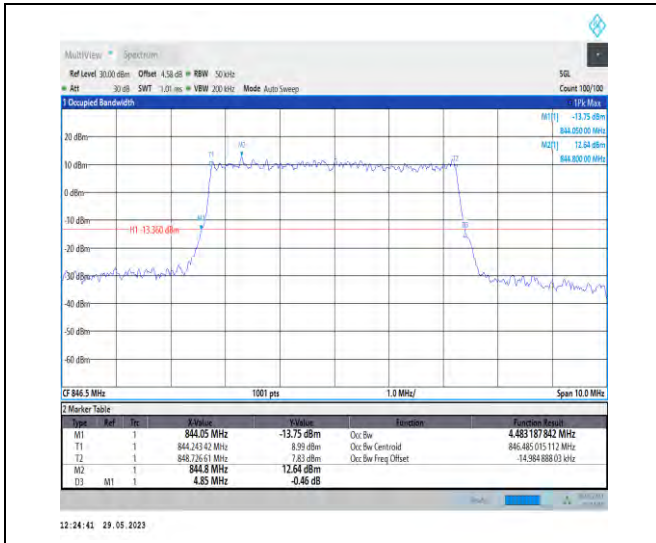


1-N5-PC3-15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.475-4.790-≤ 5-PASS

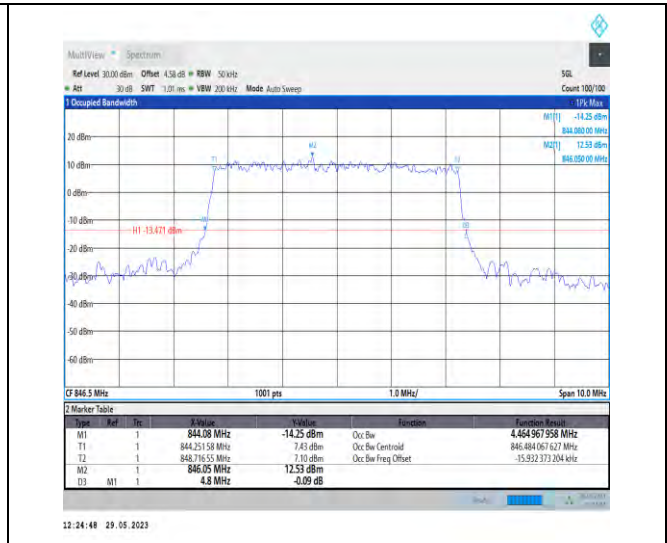


1-N5-PC3-15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.465-4.840-≤ 5-PASS





1-N5-PC3-15-5-H-3-DFT-16QAM-Outer_Full-25@0-
Ant1-4.483-4.850-≤5-PASS



1-N5-PC3-15-5-H-4-DFT-64QAM-Outer_Full-25@0-
Ant1-4.465-4.800-≤5-PASS



1-N5-PC3-15-5-H-5-DFT-256QAM-Outer_Full-25@0
-Ant1-4.46-4.840-≤5-PASS



1-N5-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant
1-4.466-4.830-≤5-PASS



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

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

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

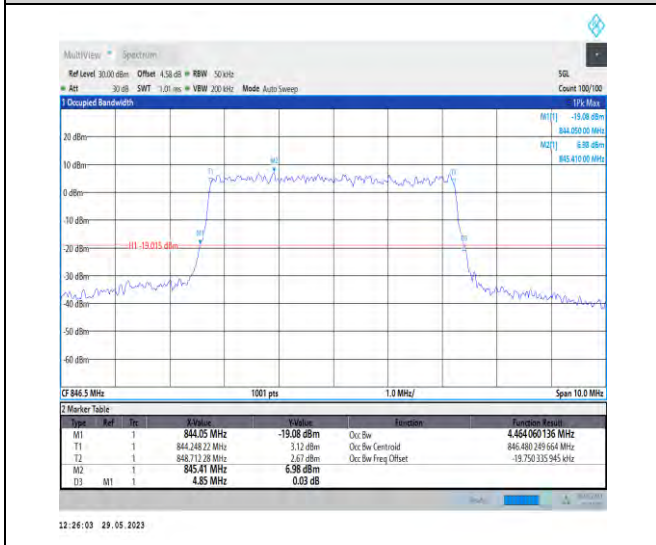
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com



1-N5-PC3-15-5-H-7-CP-16QAM-Outer_Full-25@0-A
nt1-4.469-4.880-≤5-PASS



1-N5-PC3-15-5-H-8-CP-64QAM-Outer_Full-25@0-A
nt1-4.485-4.870-≤5-PASS



1-N5-PC3-15-5-H-9-CP-256QAM-Outer_Full-25@0-A
Ant1-4.464-4.850-≤5-PASS



1-N5-PC3-15-10-L-1-DFT-QPSK-Outer_Full-50@0-A
nt1-8.914-9.540-≤10-PASS



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

Attention: To check the authenticity of testing/inspection report and 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-N5-PC3-15-10-L-2-DFT-PI2BPSK-Outer_Full-50@
 0-Ant1-8.91-9.600-≤10-PASS



1-N5-PC3-15-10-L-3-DFT-16QAM-Outer_Full-50@0-
 Ant1-8.949-9.620-≤10-PASS

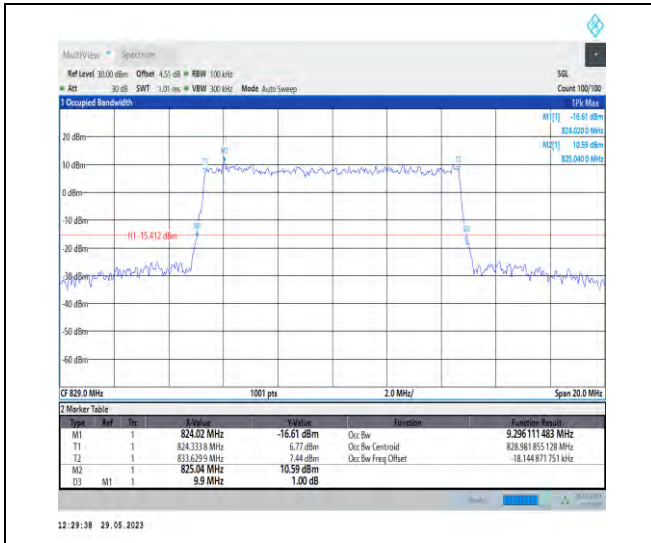


1-N5-PC3-15-10-L-4-DFT-64QAM-Outer_Full-50@0-
 Ant1-8.922-9.500-≤10-PASS

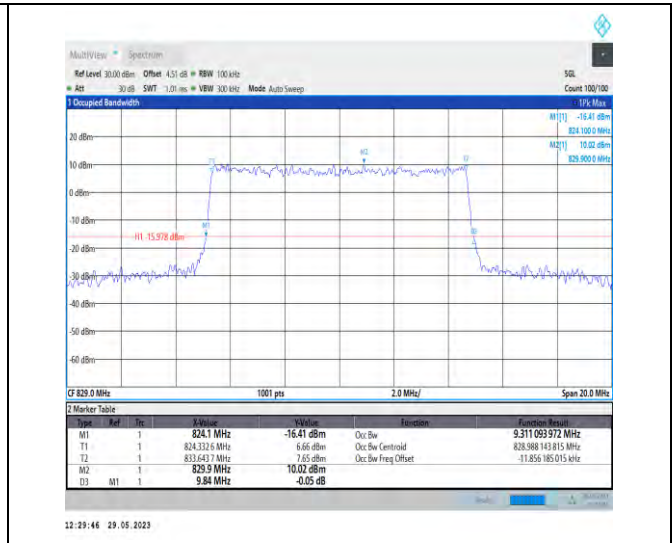


1-N5-PC3-15-10-L-5-DFT-256QAM-Outer_Full-50@0-
 -Ant1-8.919-9.360-≤10-PASS

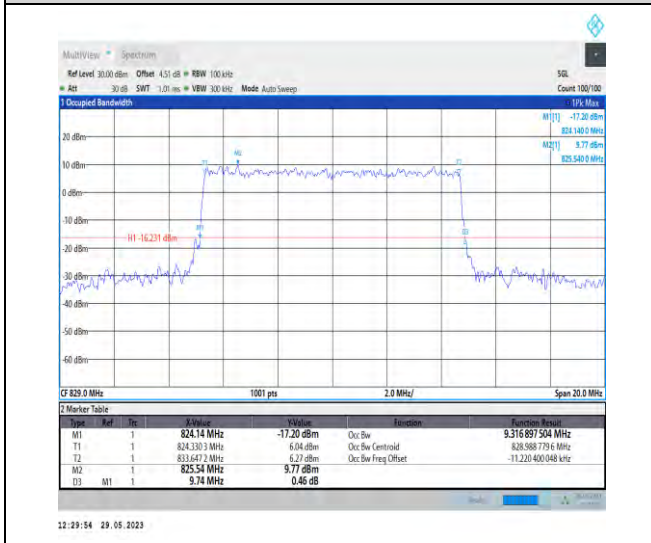




1-N5-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-A
Ant1-9.296-9.900-≤10-PASS



1-N5-PC3-15-10-L-7-CP-16QAM-Outer_Full-52@0-A
Ant1-9.311-9.840-≤10-PASS



1-N5-PC3-15-10-L-8-CP-64QAM-Outer_Full-52@0-A
Ant1-9.317-9.740-≤10-PASS



1-N5-PC3-15-10-L-9-CP-256QAM-Outer_Full-52@0-A
Ant1-9.256-9.820-≤10-PASS



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

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

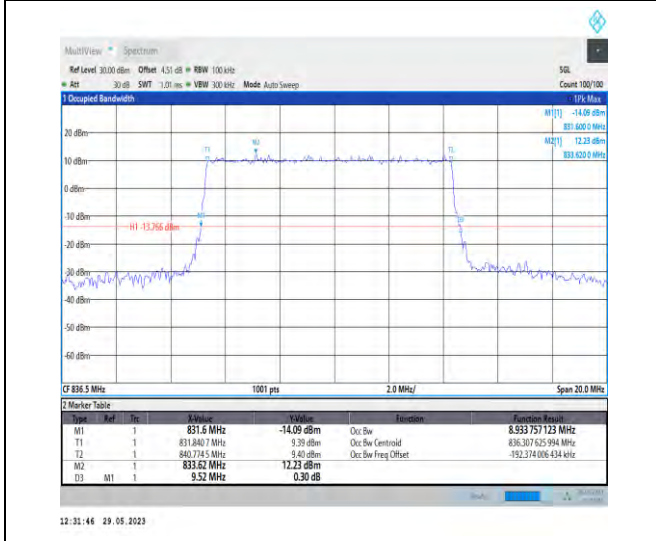
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com



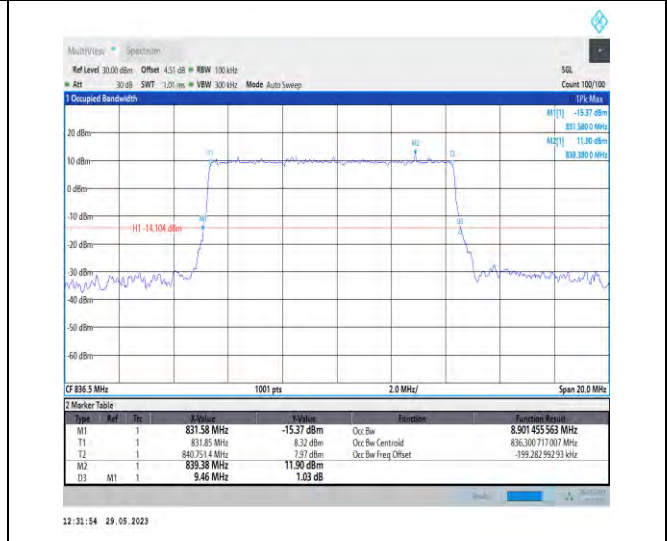
1-N5-PC3-15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.897-9.540-≤10-PASS



1-N5-PC3-15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.9-9.580-≤10-PASS



1-N5-PC3-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.934-9.520-≤10-PASS



1-N5-PC3-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.901-9.460-≤10-PASS

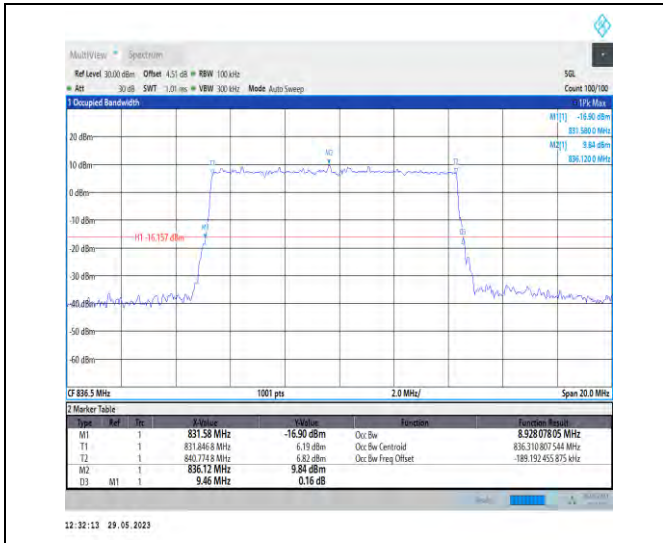


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

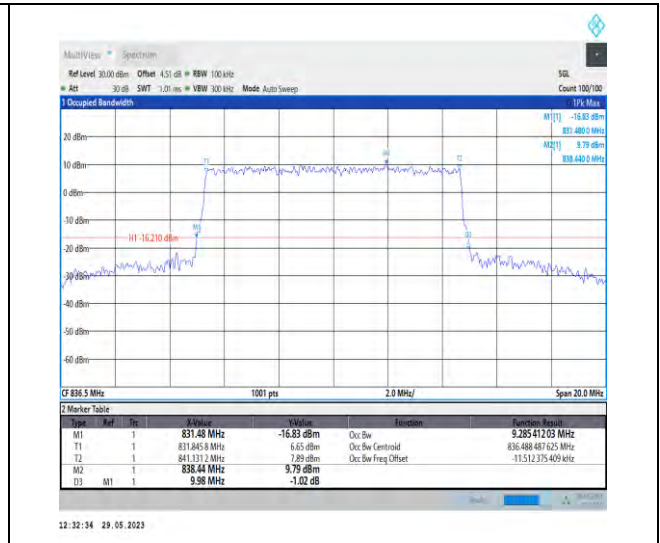
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

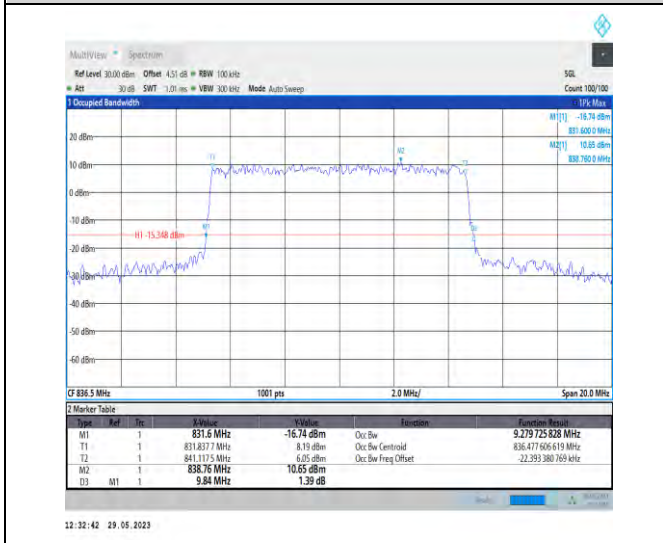
t (86-512) 62992980 www.sgs.com.cn
 t (86-512) 62992980 sgs.china@sgs.com



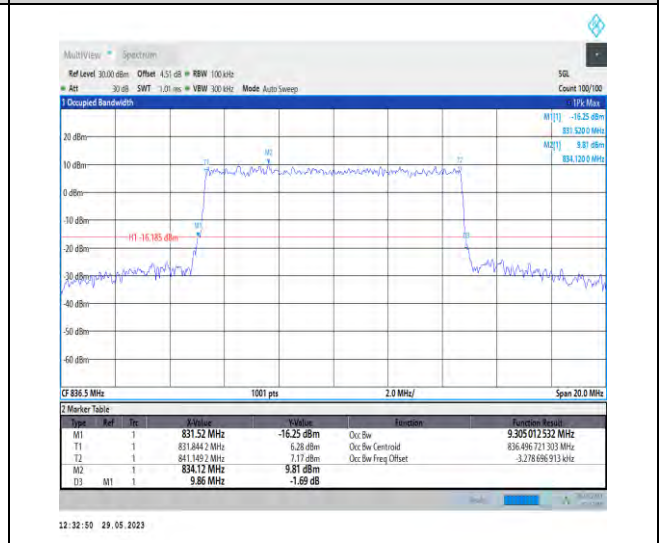
1-N5-PC3-15-10-M-5-DFT-256QAM-Outer_Full-50@
 0-Ant1-8.928-9.460-≤10-PASS



1-N5-PC3-15-10-M-6-CP-QPSK-Outer_Full-52@0-
 Ant1-9.285-9.980-≤10-PASS



1-N5-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0-A
 nt1-9.28-9.840-≤10-PASS

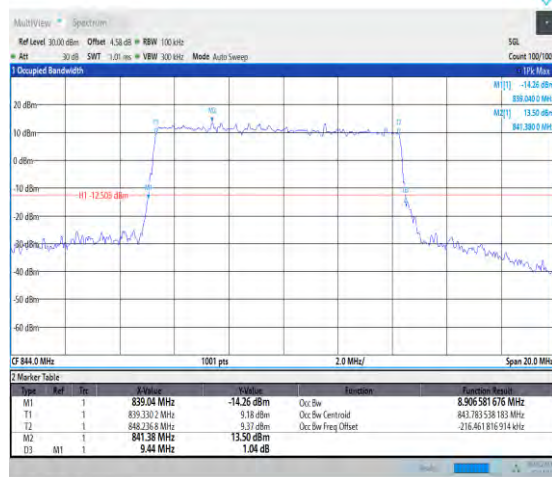


1-N5-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0-
 Ant1-9.305-9.860-≤10-PASS

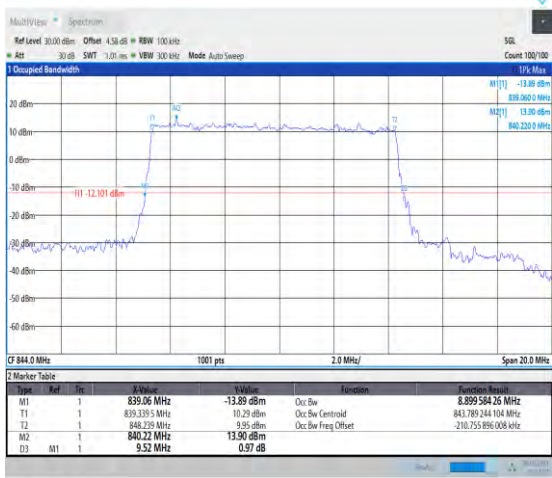




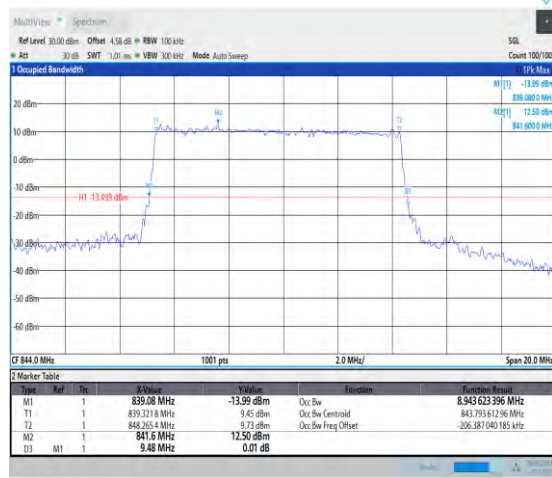
1-N5-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0
 -Ant1-9.304-9.880-≤10-PASS



1-N5-PC3-15-10-H-1-DFT-QPSK-Outer_Full-50@0-
 Ant1-8.907-9.440-≤10-PASS

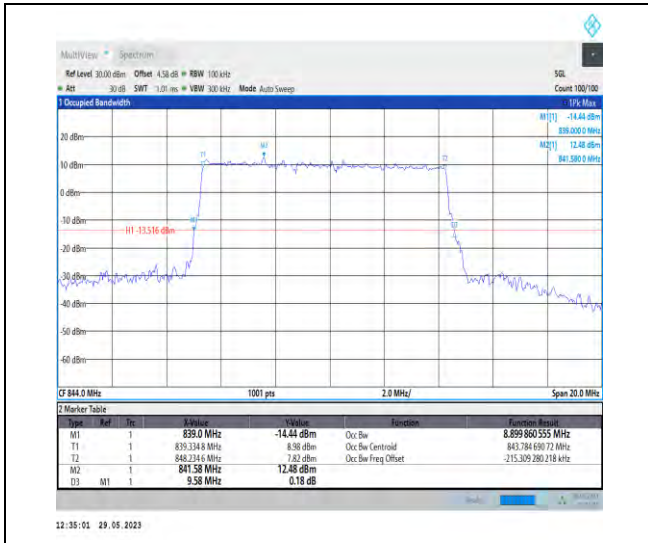


1-N5-PC3-15-10-H-2-DFT-PI2BPSK-Outer_Full-50@
 0-Ant1-8.9-9.520-≤10-PASS

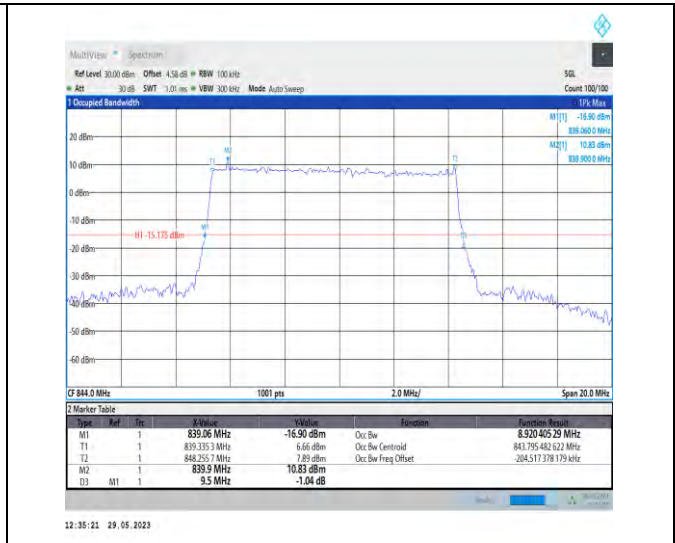


1-N5-PC3-15-10-H-3-DFT-16QAM-Outer_Full-50@0
 -Ant1-8.944-9.480-≤10-PASS





1-N5-PC3-15-10-H-4-DFT-64QAM-Outer_Full-50@
0-Ant1-8.9-9.580-≤10-PASS



1-N5-PC3-15-10-H-5-DFT-256QAM-Outer_Full-50@0
-Ant1-8.92-9.500-≤10-PASS



1-N5-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-A
nt1-9.299-9.900-≤10-PASS



1-N5-PC3-15-10-H-7-CP-16QAM-Outer_Full-52@0-A
nt1-9.311-9.920-≤10-PASS



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

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

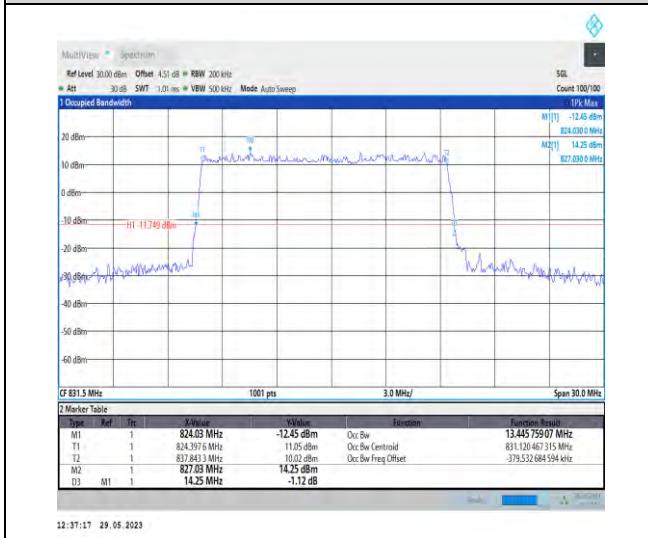
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N5-PC3-15-10-H-8-CP-64QAM-Outer_Full-52@0-Ant1-9.275-9.820-≤10-PASS



1-N5-PC3-15-10-H-9-CP-256QAM-Outer_Full-52@0-Ant1-9.279-9.840-≤10-PASS



1-N5-PC3-15-15-L-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.446-14.250-≤15-PASS



1-N5-PC3-15-15-L-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.43-14.220-≤15-PASS

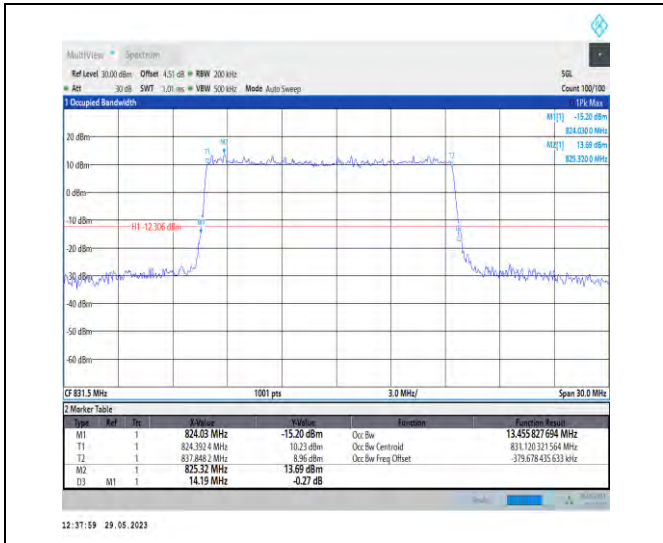


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

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



1-N5-PC3-15-15-L-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.456-14.190-≤15-PASS



1-N5-PC3-15-15-L-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.442-14.310-≤15-PASS



1-N5-PC3-15-15-L-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.442-14.250-≤15-PASS



1-N5-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-14.124-14.970-≤15-PASS



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

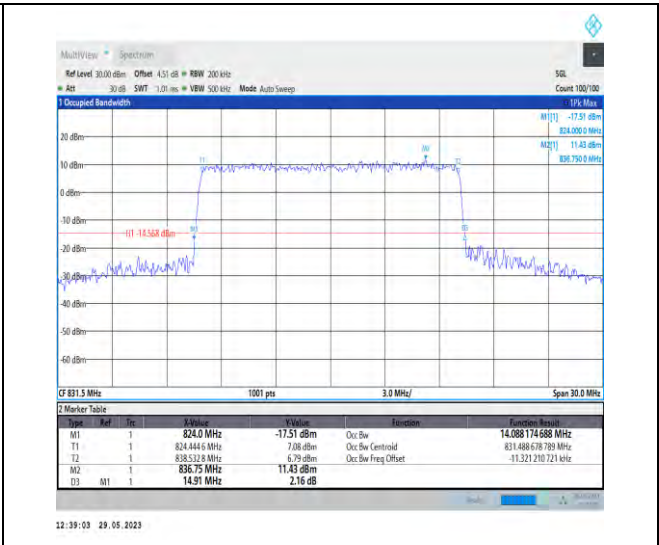
Attention: To check the authenticity of testing/inspection report and certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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-N5-PC3-15-15-L-7-CP-16QAM-Outer_Full-79@0-Ant1-14.153-14.880-≤15-PASS



1-N5-PC3-15-15-L-8-CP-64QAM-Outer_Full-79@0-Ant1-14.088-14.910-≤15-PASS



1-N5-PC3-15-15-L-9-CP-256QAM-Outer_Full-79@0-Ant1-14.115-14.940-≤15-PASS



1-N5-PC3-15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.437-14.340-≤15-PASS

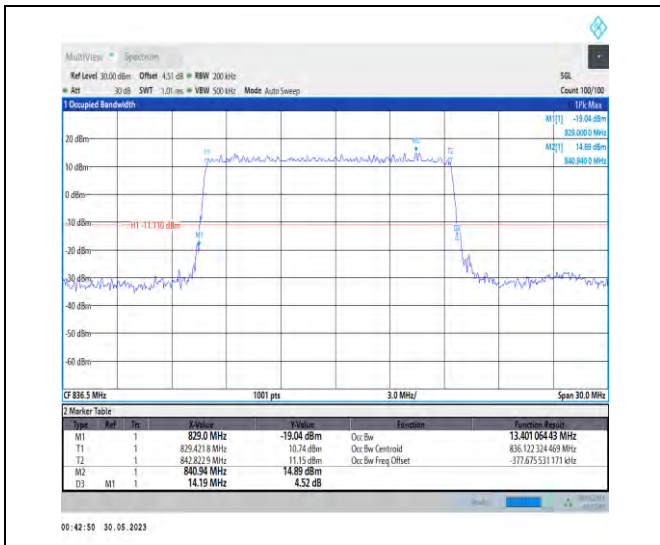


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

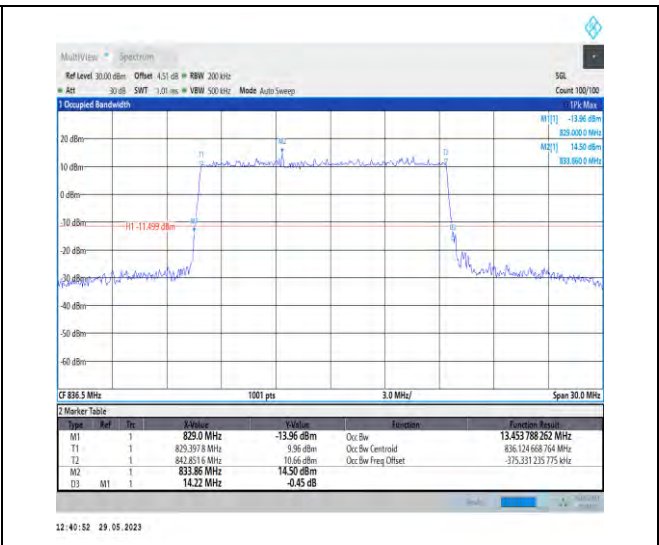
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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



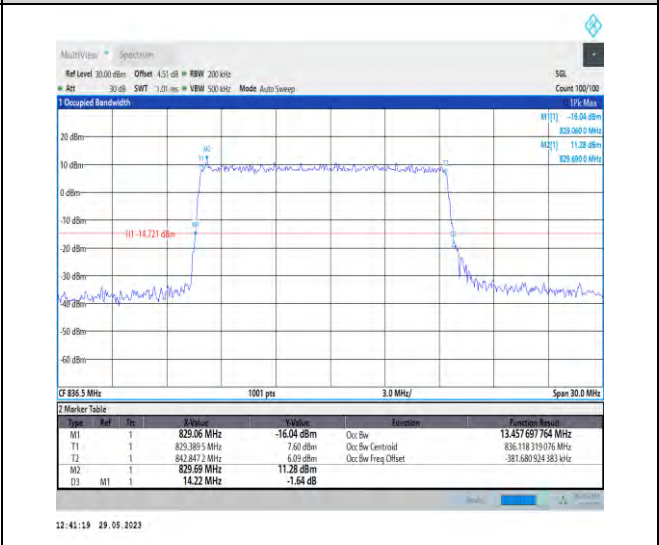
1-N5-PC3-15-15-M-2-DFT-PI2BPSK-Outer_Full-75@
 0-Ant1-13.401-14.190≤15-PASS



1-N5-PC3-15-15-M-3-DFT-16QAM-Outer_Full-75@
 0-Ant1-13.454-14.220≤15-PASS



1-N5-PC3-15-15-M-4-DFT-64QAM-Outer_Full-75@
 0-Ant1-13.433-14.220≤15-PASS



1-N5-PC3-15-15-M-5-DFT-256QAM-Outer_Full-75@
 0-Ant1-13.458-14.220≤15-PASS



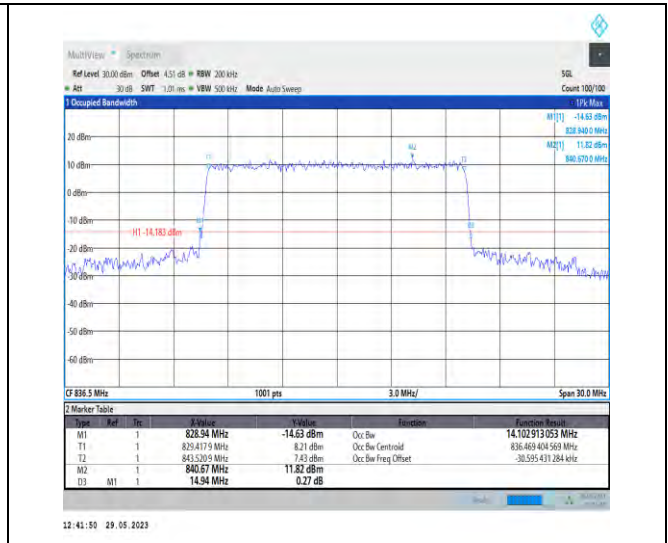
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

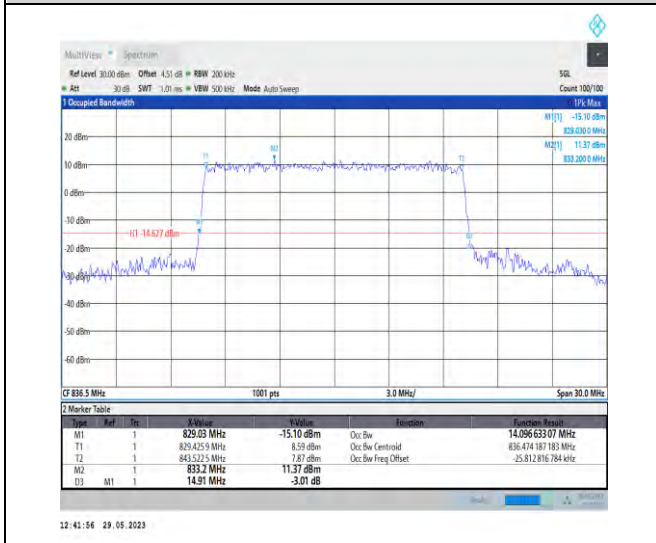
South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N5-PC3-15-15-M-6-CP-QPSK-Outer_Full-79@0-A
Ant1-14.074-14.910-≤15-PASS



1-N5-PC3-15-15-M-7-CP-16QAM-Outer_Full-79@0-
Ant1-14.103-14.940-≤15-PASS



1-N5-PC3-15-15-M-8-CP-64QAM-Outer_Full-79@0-
Ant1-14.097-14.910-≤15-PASS



1-N5-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0-
-Ant1-14.11-14.850-≤15-PASS



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

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

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

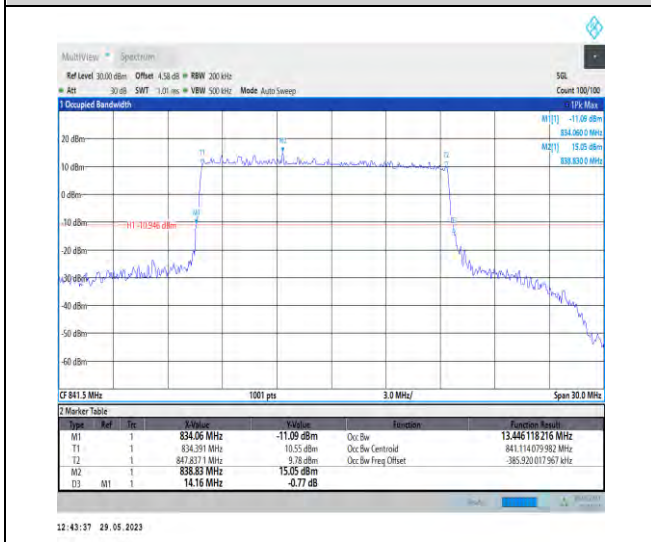
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com



1-N5-PC3-15-15-H-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.403-14.280-≤15-PASS



1-N5-PC3-15-15-H-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.402-14.130-≤15-PASS



1-N5-PC3-15-15-H-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.446-14.160-≤15-PASS



1-N5-PC3-15-15-H-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.403-14.190-≤15-PASS

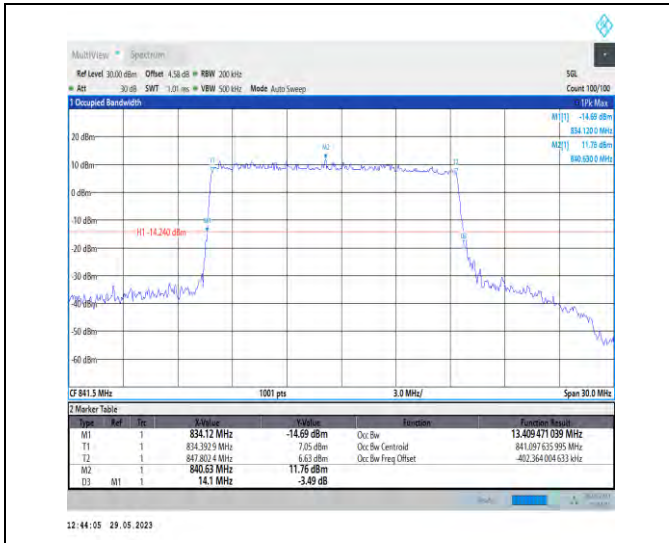


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

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



1-N5-PC3-15-15-H-5-DFT-256QAM-Outer_Full-75@0
-Ant1-13.409-14.100-≤15-PASS



1-N5-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-
Ant1-14.121-14.880-≤15-PASS



1-N5-PC3-15-15-H-7-CP-16QAM-Outer_Full-79@0-A
nt1-14.116-14.820-≤15-PASS



1-N5-PC3-15-15-H-8-CP-64QAM-Outer_Full-79@0
-Ant1-14.13-14.820-≤15-PASS

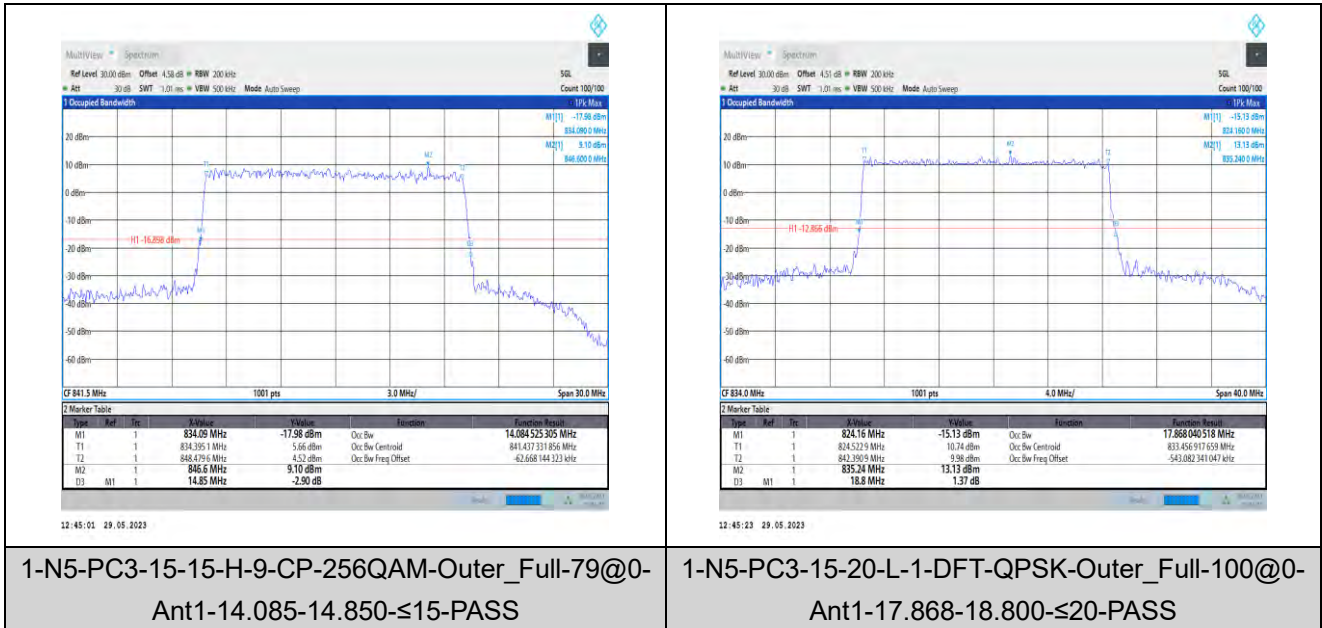


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

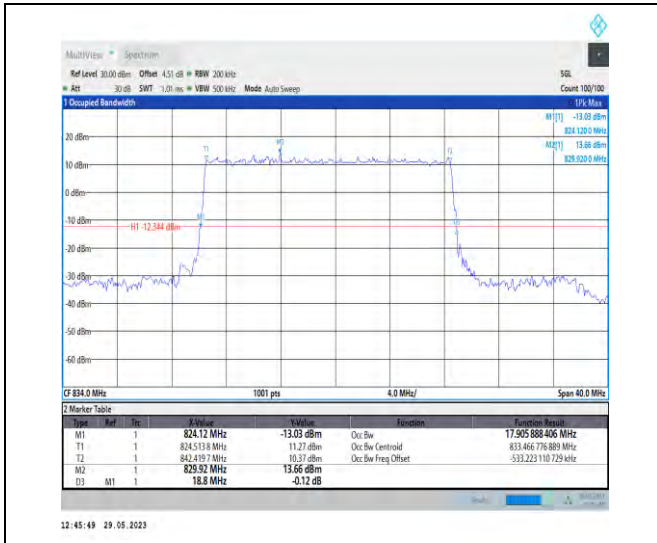
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com



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

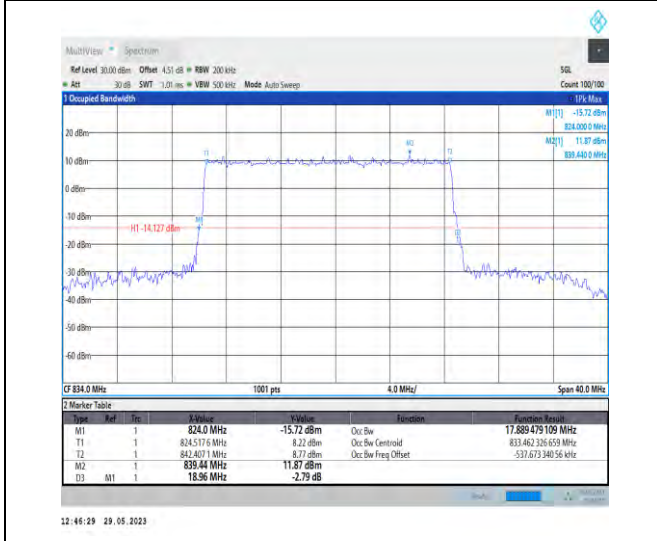
South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N5-PC3-15-20-L-2-DFT-PI2BPSK-Outer_Full-100 @0-Ant1-17.906-18.800-<=20-PASS



1-N5-PC3-15-20-L-3-DFT-16QAM-Outer_Full-100 @0-Ant1-17.906-18.720-<=20-PASS

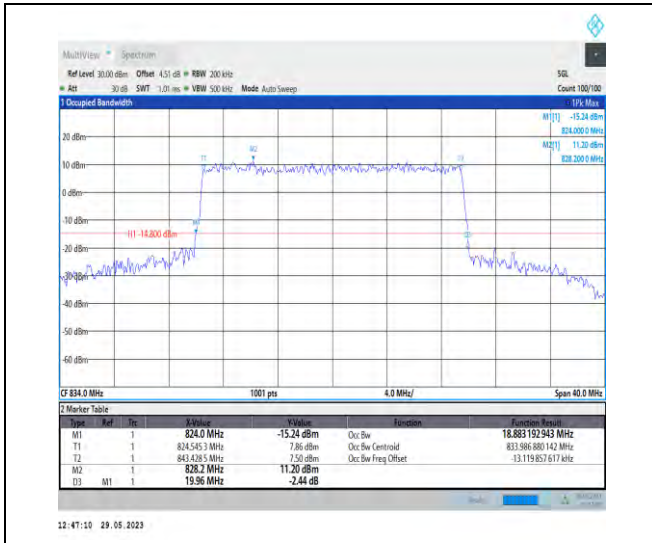


1-N5-PC3-15-20-L-4-DFT-64QAM-Outer_Full-100 @0-Ant1-17.889-18.960-<=20-PASS

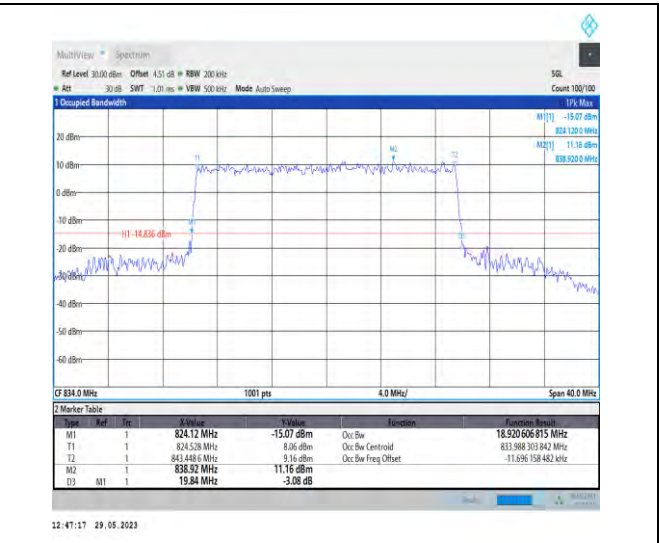


1-N5-PC3-15-20-L-5-DFT-256QAM-Outer_Full-100 @0-Ant1-17.872-18.960-<=20-PASS

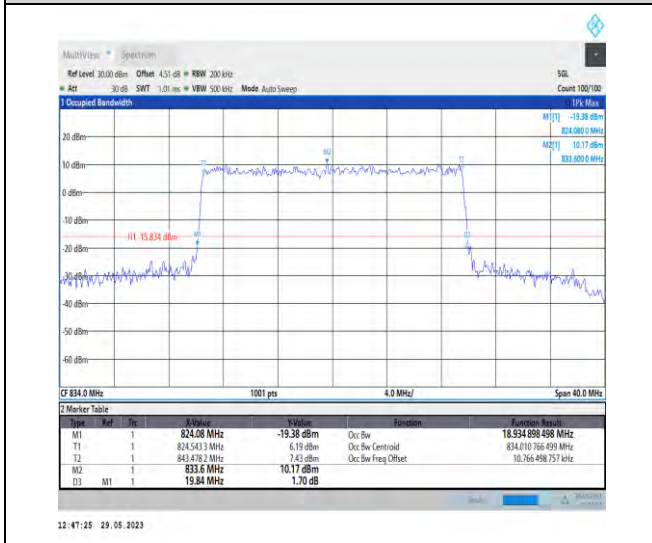




1-N5-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-18.883-19.960-≤20-PASS



1-N5-PC3-15-20-L-7-CP-16QAM-Outer_Full-106@0-Ant1-18.921-19.840-≤20-PASS



1-N5-PC3-15-20-L-8-CP-64QAM-Outer_Full-106@0-Ant1-18.935-19.840-≤20-PASS



1-N5-PC3-15-20-L-9-CP-256QAM-Outer_Full-106@0-Ant1-18.903-19.840-≤20-PASS



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

Attention: To check the authenticity of testing/inspection report and 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-N5-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@0-Ant1-17.879-19.000-≤20-PASS



1-N5-PC3-15-20-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.863-18.960-≤20-PASS



1-N5-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.876-18.720-≤20-PASS



1-N5-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.871-19.040-≤20-PASS

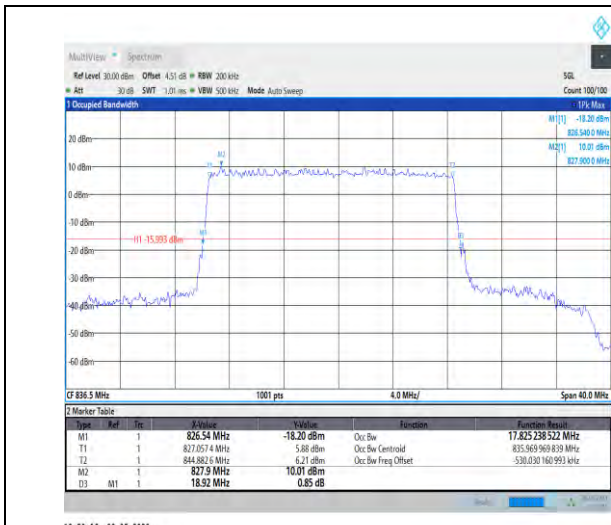


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

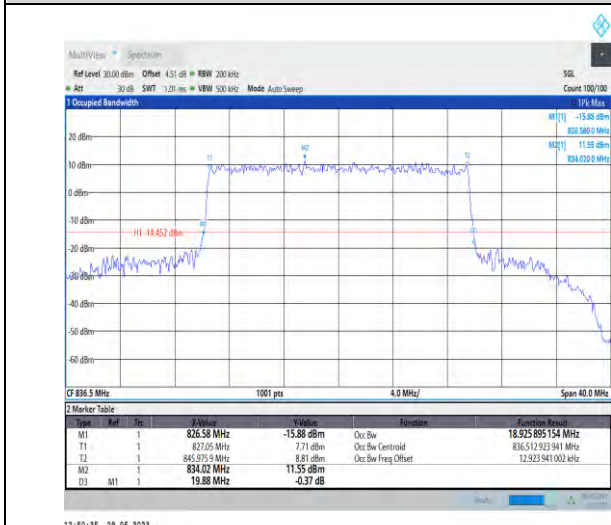
t (86-512) 62992980 www.sgs.com.cn
 t (86-512) 62992980 sgs.china@sgs.com



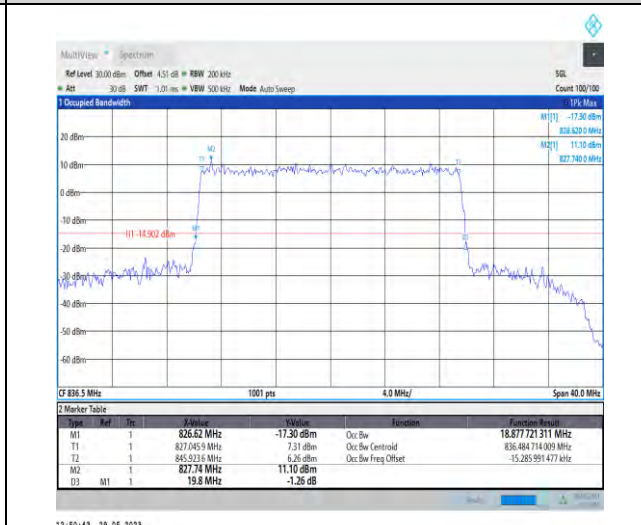
1-N5-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100
 @0-Ant1-17.825-18.920-≤20-PASS



1-N5-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0-
 Ant1-18.905-19.720-≤20-PASS



1-N5-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@0-
 Ant1-18.926-19.880-≤20-PASS



1-N5-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@
 0-Ant1-18.878-19.800-≤20-PASS



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

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

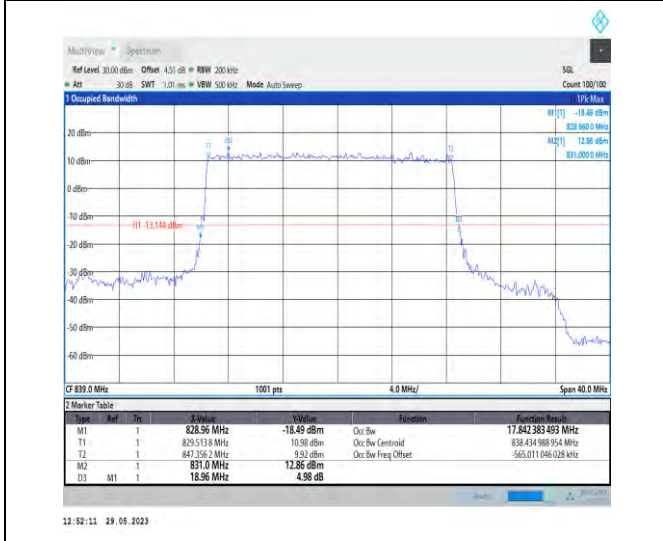
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N5-PC3-15-20-M-9-CP-256QAM-Outer_Full-106@
0-Ant1-18.849-19.880-≤20-PASS



1-N5-PC3-15-20-H-1-DFT-QPSK-Outer_Full-100@
0-Ant1-17.824-18.720-≤20-PASS



1-N5-PC3-15-20-H-2-DFT-PI2BPSK-Outer_Full-100
@0-Ant1-17.842-18.960-≤20-PASS



1-N5-PC3-15-20-H-3-DFT-16QAM-Outer_Full-100@
0-Ant1-17.864-18.840-≤20-PASS



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

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

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

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



1-N5-PC3-15-20-H-4-DFT-64QAM-Outer_Full-100@
 0-Ant1-17.846-18.840-≤20-PASS



1-N5-PC3-15-20-H-5-DFT-256QAM-Outer_Full-100
 @0-Ant1-17.833-18.680-≤20-PASS



1-N5-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-
 Ant1-18.856-19.800-≤20-PASS



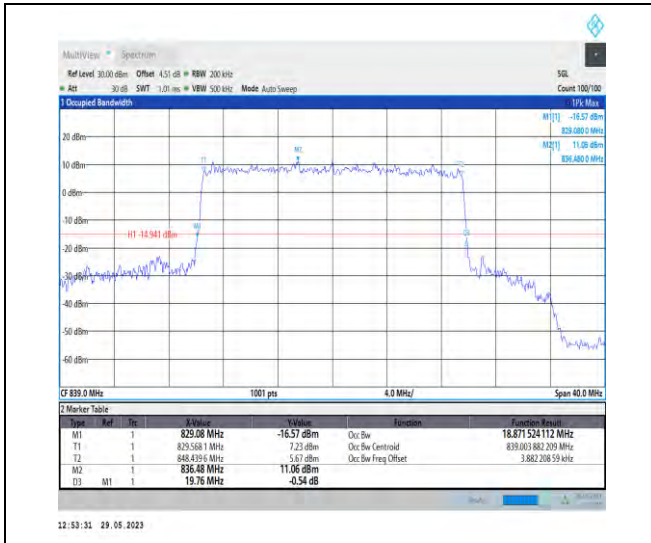
1-N5-PC3-15-20-H-7-CP-16QAM-Outer_Full-106@0-
 Ant1-18.915-19.760-≤20-PASS



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

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

South of No. 6 Plant, No. 1, Ransheng 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-N5-PC3-15-20-H-8-CP-64QAM-Outer_Full-106@0
-Ant1-18.872-19.760-≤20-PASS



1-N5-PC3-15-20-H-9-CP-256QAM-Outer_Full-106@0
-Ant1-18.852-19.720-≤20-PASS



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

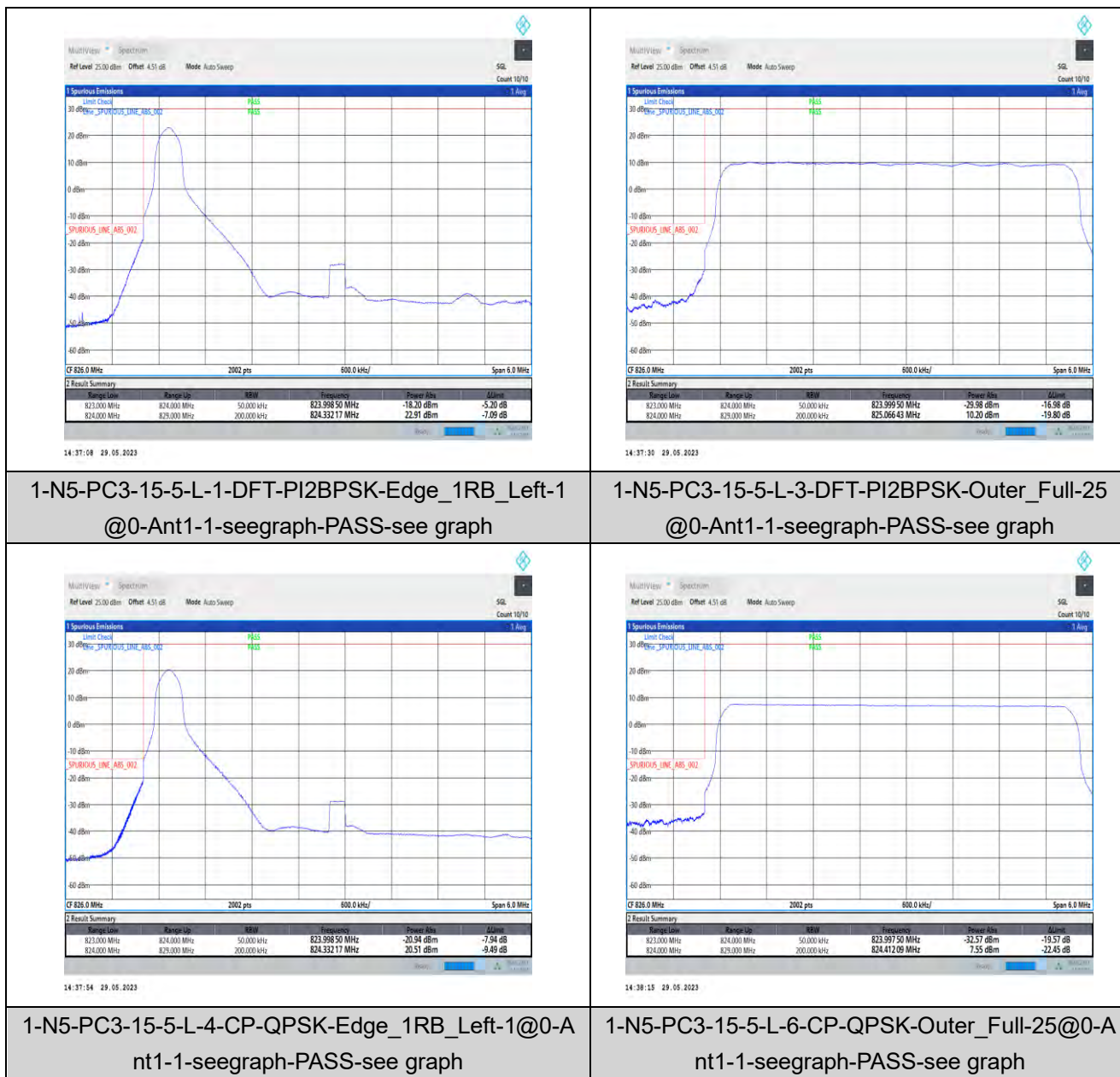
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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

Band Edge for SA

Test Graphs



1-N5-PC3-15-5-L-1-DFT-PI2BPSK-Edge_1RB_Left-1 @0-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-5-L-3-DFT-PI2BPSK-Outer_Full-25 @0-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-A nt1-1-seegraph-PASS-see graph

1-N5-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-A nt1-1-seegraph-PASS-see graph

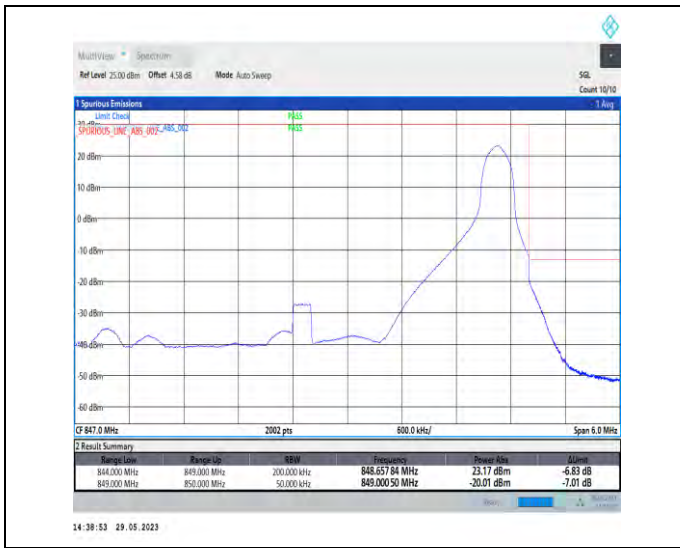


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

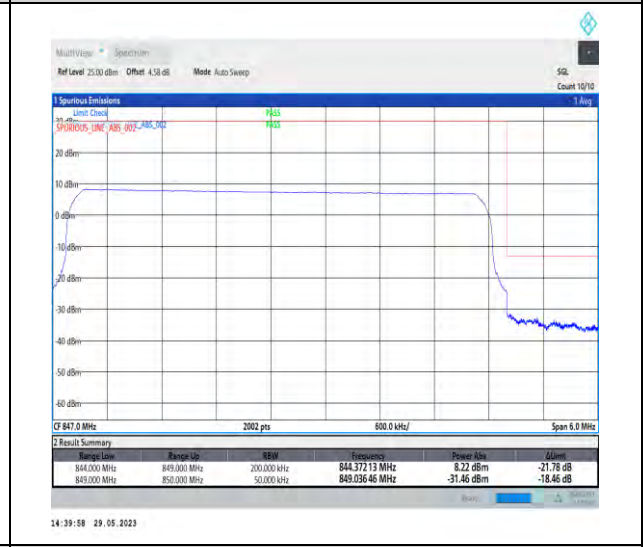
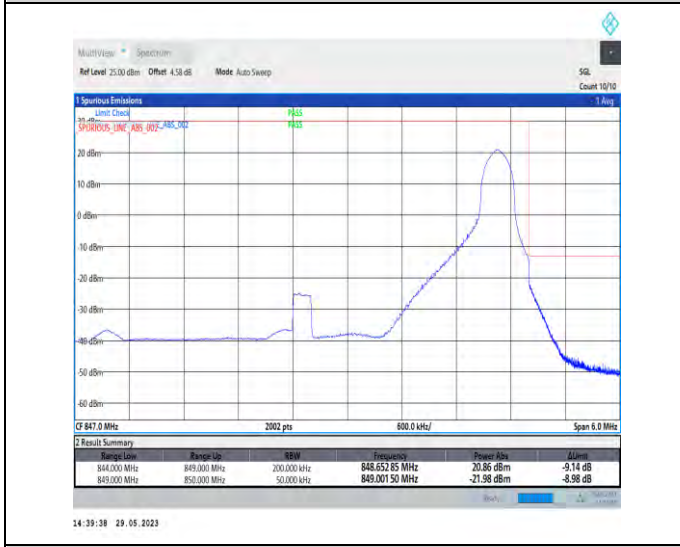
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



1-N5-PC3-15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1 @24-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-5-H-3-DFT-PI2BPSK-Outer_Full-25 @0-Ant1-1-seegraph-PASS-see graph



1-N5-PC3-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@2 4-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-A nt1-1-seegraph-PASS-see graph

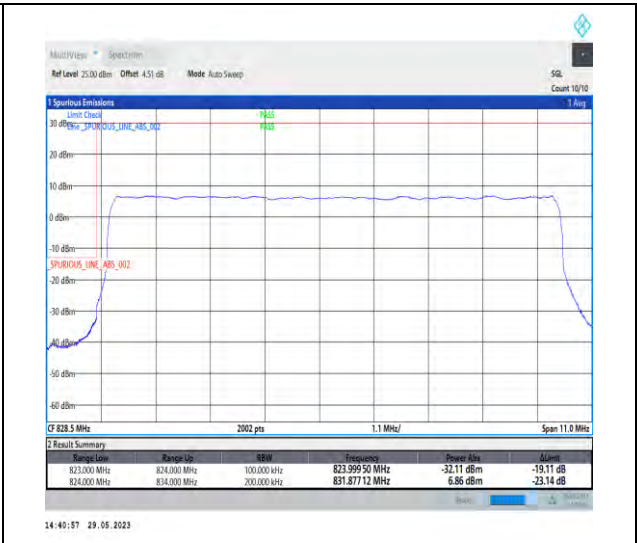
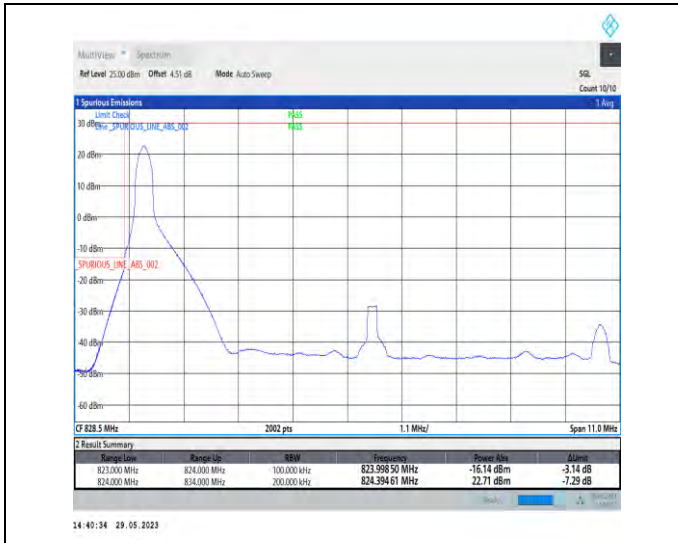


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

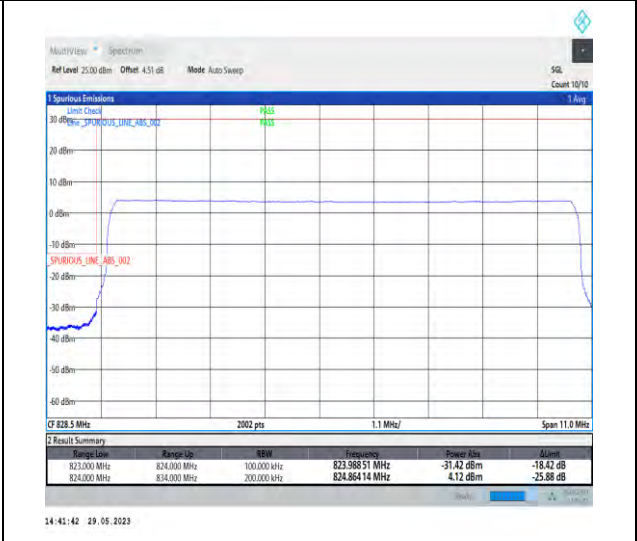
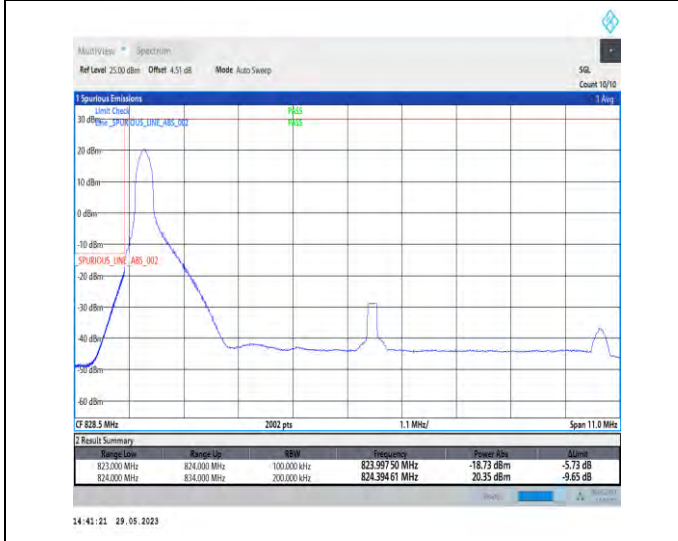
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



1-N5-PC3-15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1
@0-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-10-L-3-DFT-PI2BPSK-Outer_Full-50
@0-Ant1-1-seegraph-PASS-see graph



1-N5-PC3-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-1-seegraph-PASS-see graph

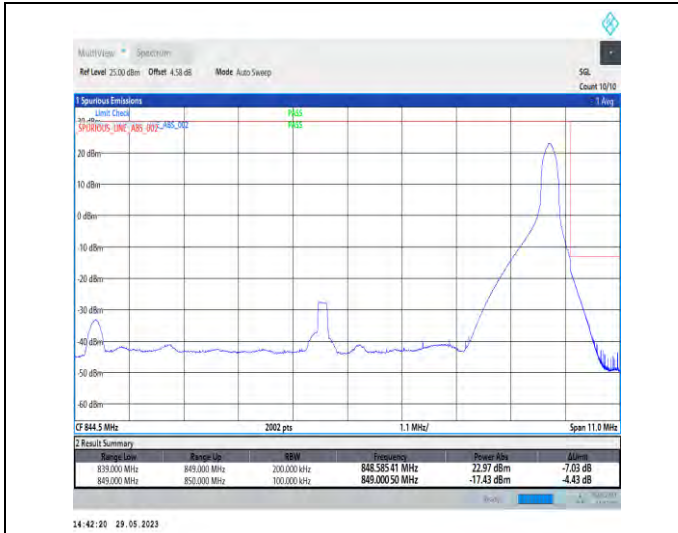


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

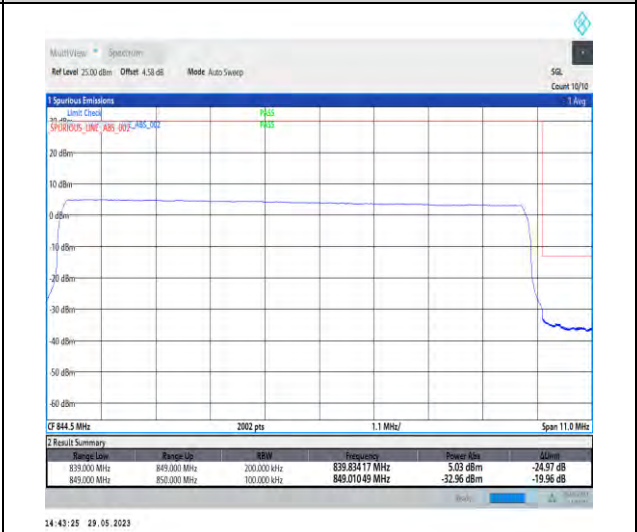
South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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



1-N5-PC3-15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@51-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1-seegraph-PASS-see graph



1-N5-PC3-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant1-1-seegraph-PASS-see graph

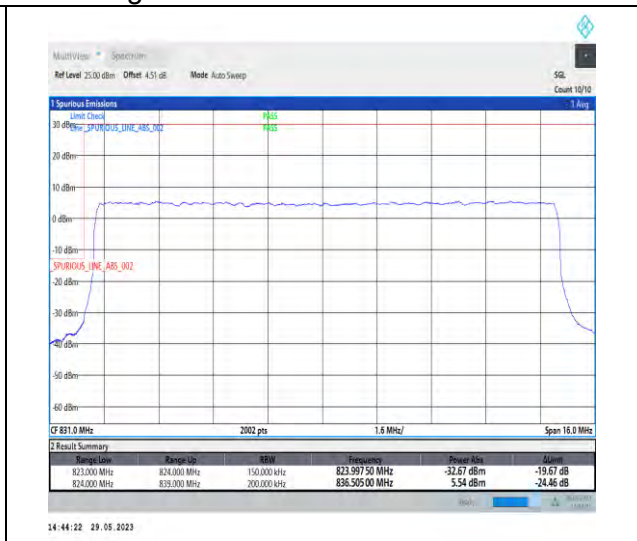
1-N5-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-1-seegraph-PASS-see graph



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

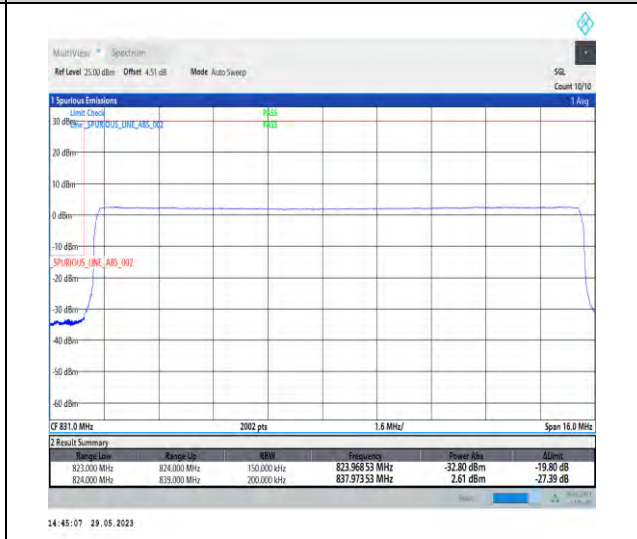
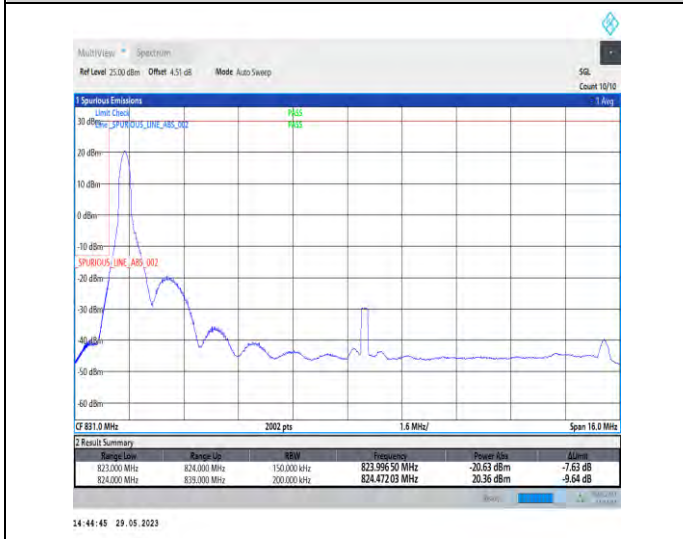
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Ransheng 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-N5-PC3-15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1 @0-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-15-L-3-DFT-PI2BPSK-Outer_Full-75 @0-Ant1-1-seegraph-PASS-see graph



1-N5-PC3-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

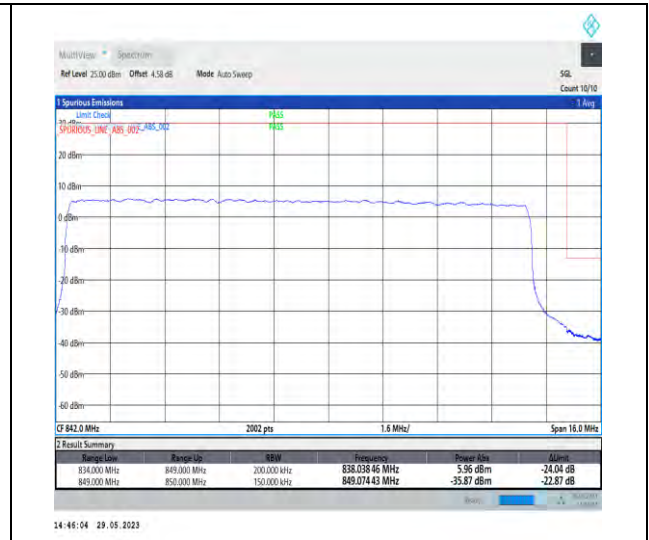
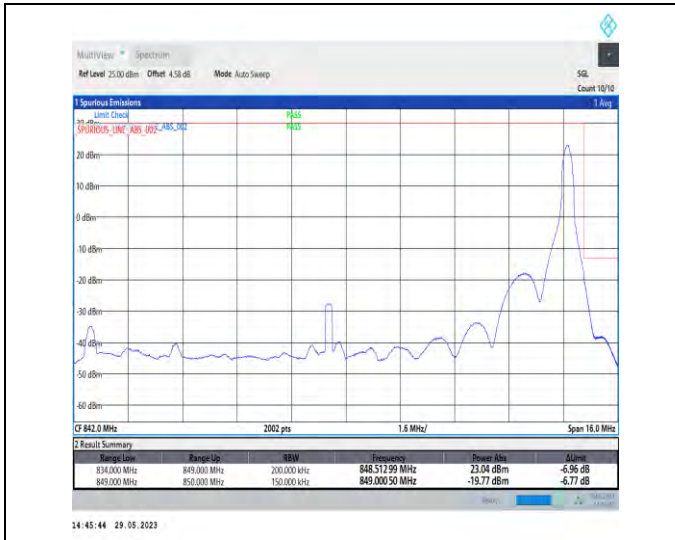
1-N5-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-1-seegraph-PASS-see graph



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

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

South of No. 6 Plant, No. 1, Ransheng 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-N5-PC3-15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right -1@78-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-15-H-3-DFT-PI2BPSK-Outer_Full-75 @0-Ant1-1-seegraph-PASS-see graph



1-N5-PC3-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant1-1-seegraph-PASS-see graph

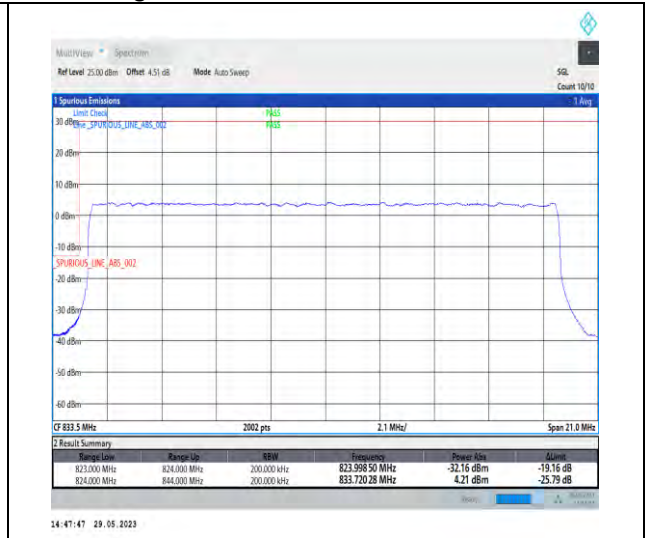
1-N5-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-1-seegraph-PASS-see graph



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

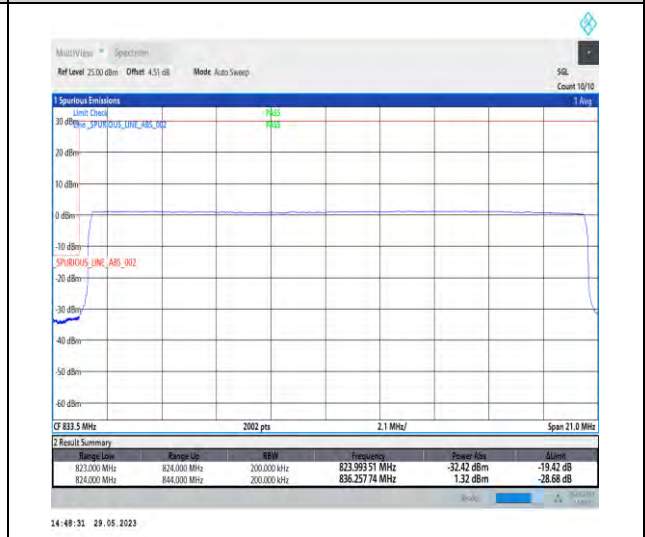
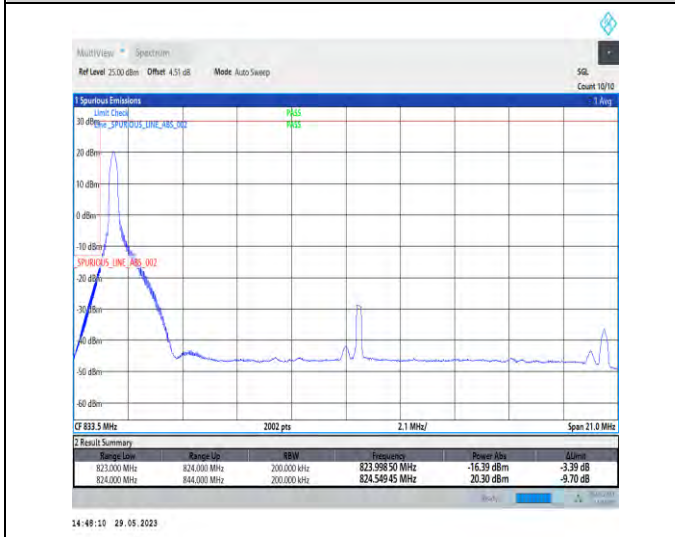
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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-N5-PC3-15-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1 @0-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-20-L-3-DFT-PI2BPSK-Outer_Full-10 0@0-Ant1-1-seegraph-PASS-see graph



1-N5-PC3-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-1-seegraph-PASS-see graph



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

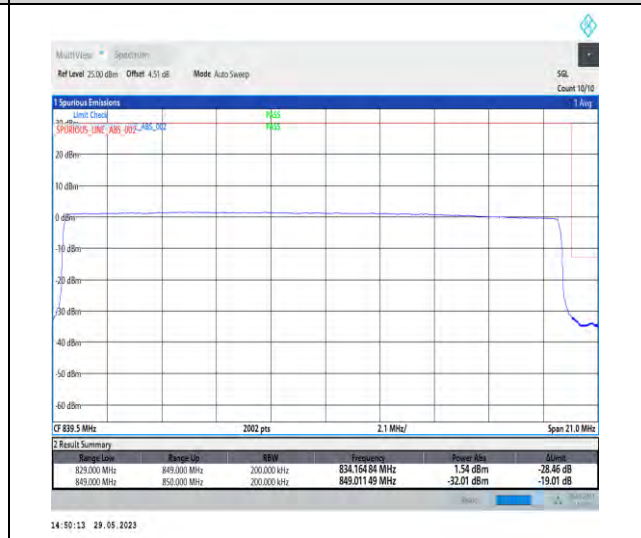
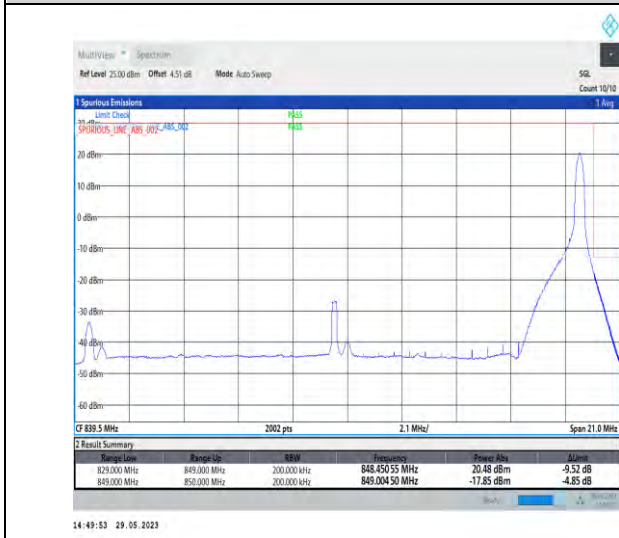
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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-N5-PC3-15-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-20-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1-seegraph-PASS-see graph



1-N5-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-1-seegraph-PASS-see graph



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

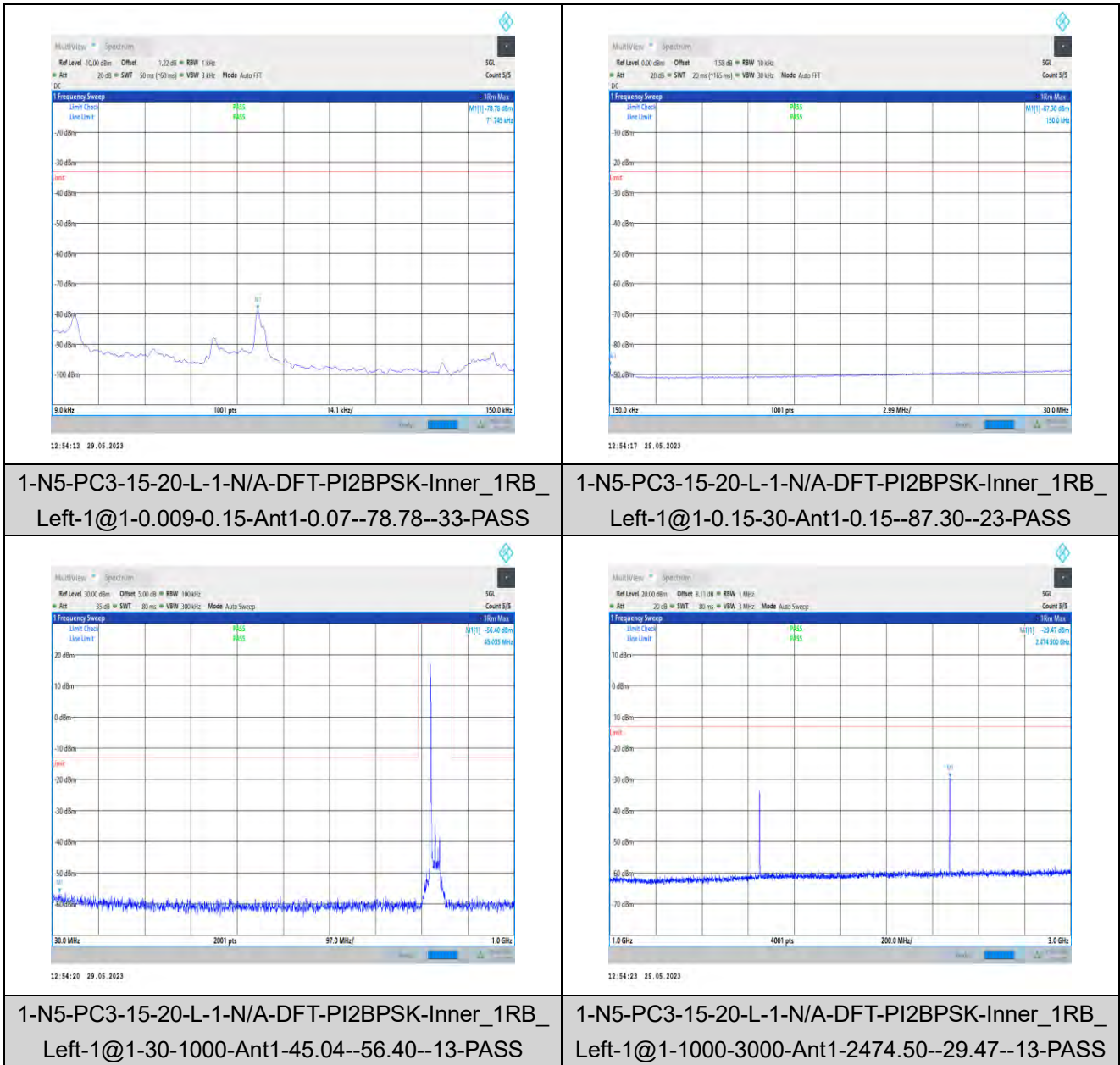
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

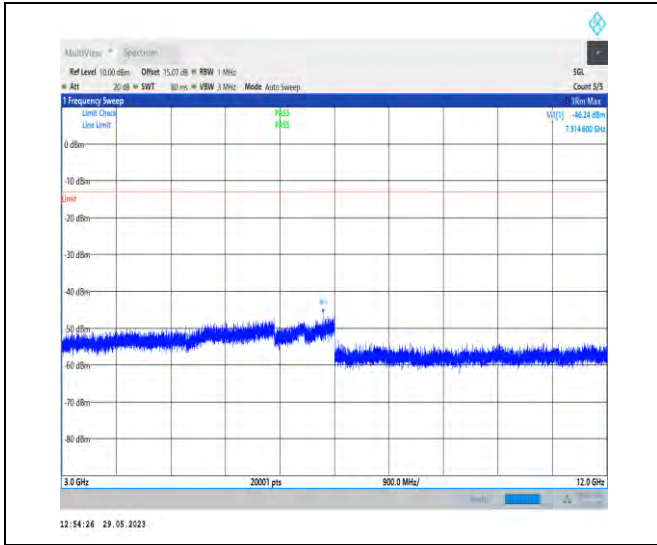


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

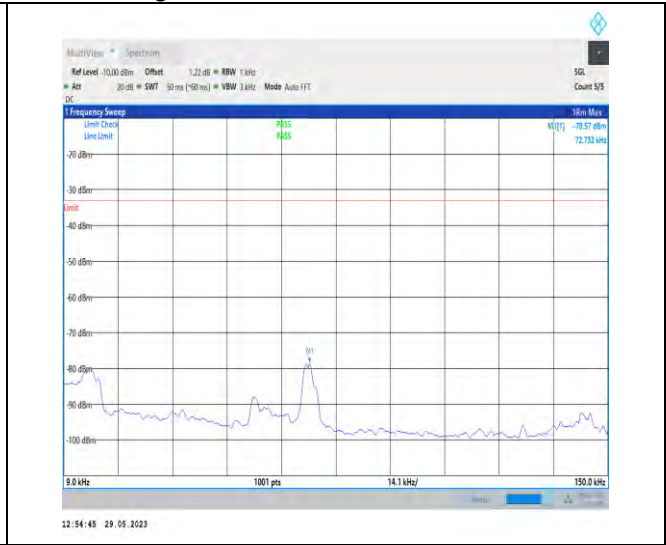
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

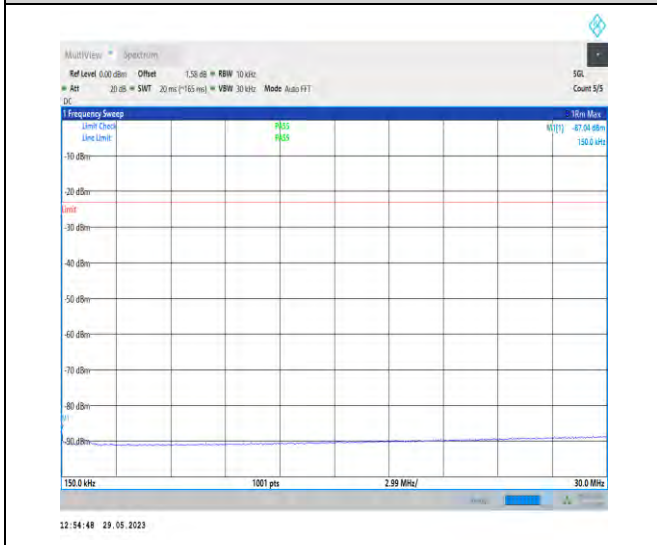
t (86-512) 62992980 www.sgs.com.cn
 t (86-512) 62992980 sgs.china@sgs.com



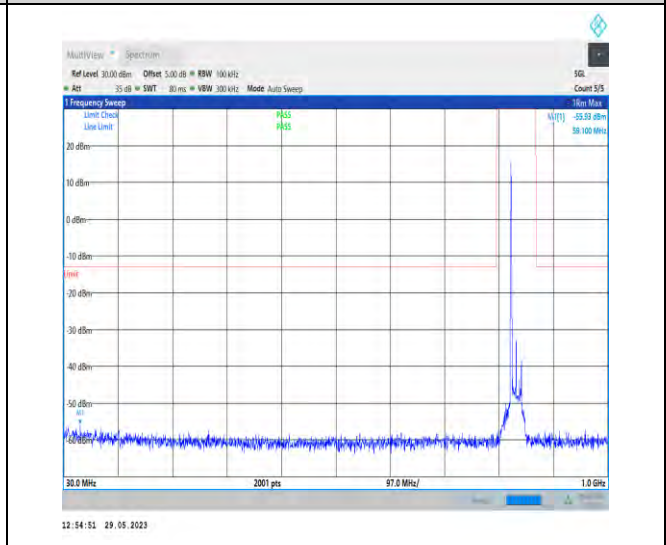
1-N5-PC3-15-20-L-1-N/A-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-7314.60--46.24--13-PASS



1-N5-PC3-15-20-M-1-N/A-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.07--78.57--33-PASS



1-N5-PC3-15-20-M-1-N/A-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-0.15--87.04--23-PASS



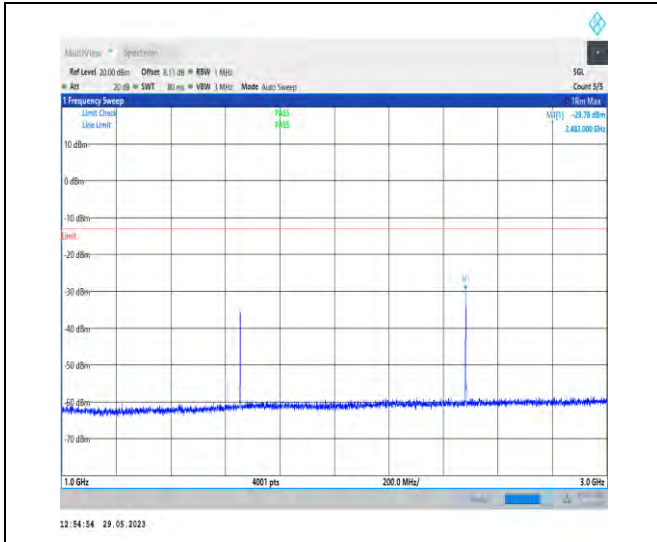
1-N5-PC3-15-20-M-1-N/A-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-59.10--55.93--13-PASS



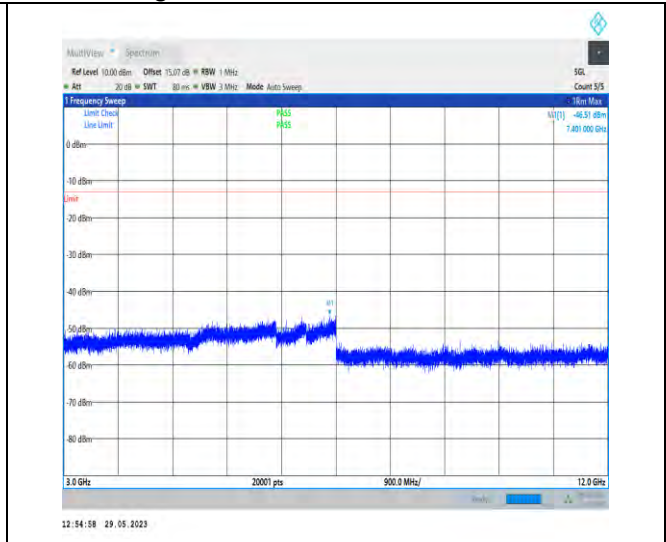
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

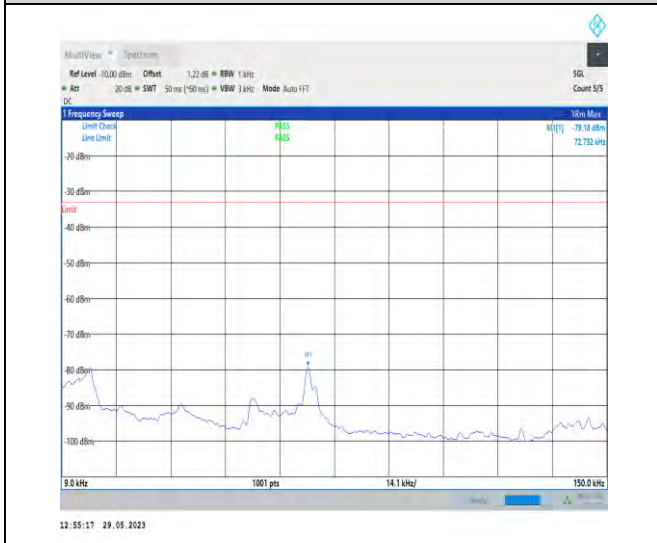
South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



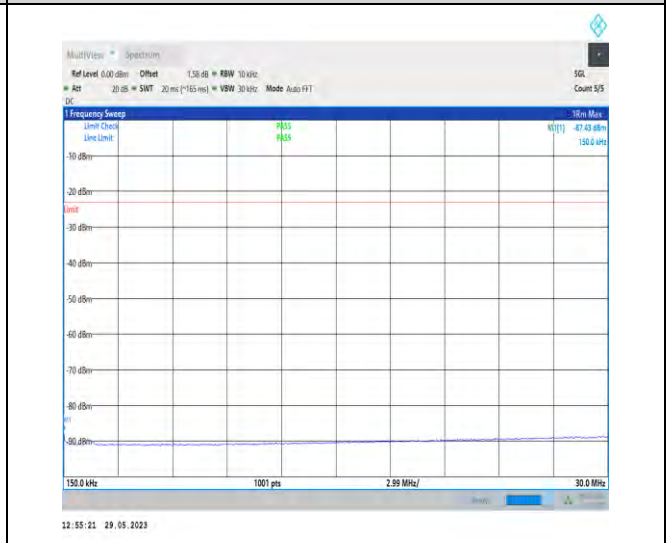
1-N5-PC3-15-20-M-1-N/A-DFT-PI2BPSK-Inner_1RB
_Left-1@1-1000-3000-Ant1-2482.00--29.78--13-PAS
S



1-N5-PC3-15-20-M-1-N/A-DFT-PI2BPSK-Inner_1RB
_Left-1@1-3000-12000-Ant1-7401.00--46.51--13-PA
SS



1-N5-PC3-15-20-H-1-N/A-DFT-PI2BPSK-Inner_1RB
_Left-1@1-0.009-0.15-Ant1-0.07--79.18--33-PASS



1-N5-PC3-15-20-H-1-N/A-DFT-PI2BPSK-Inner_1RB
_Left-1@1-0.15-30-Ant1-0.15--87.43--23-PASS

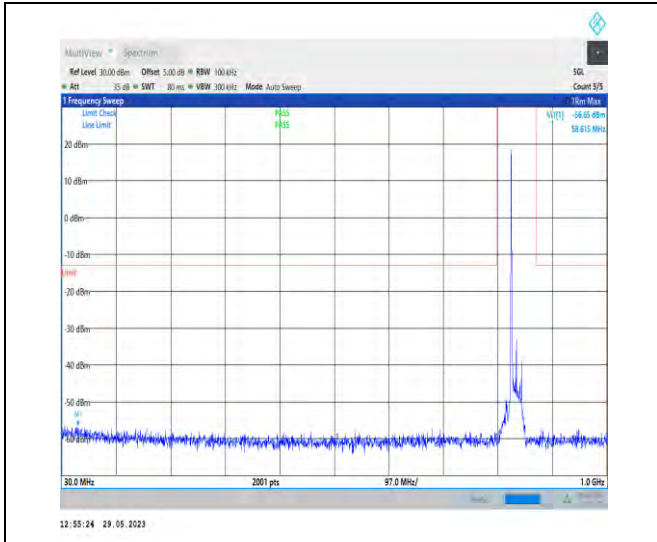


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

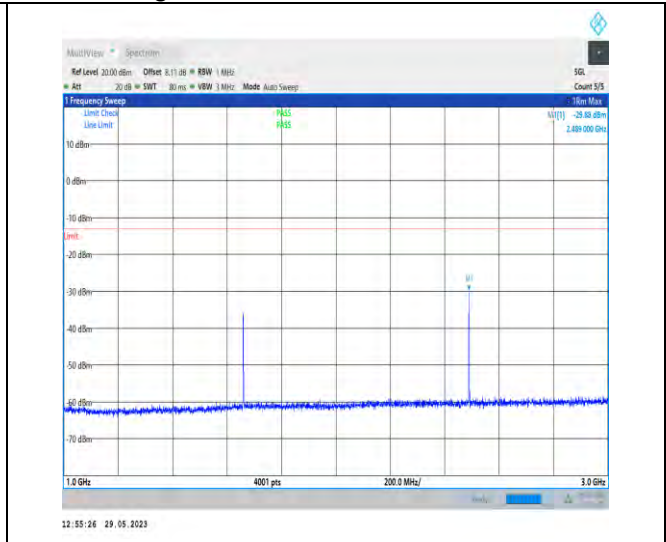
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

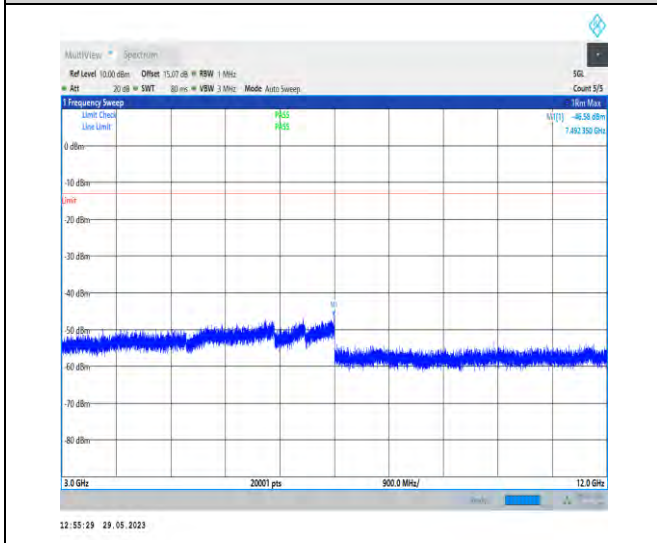
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com



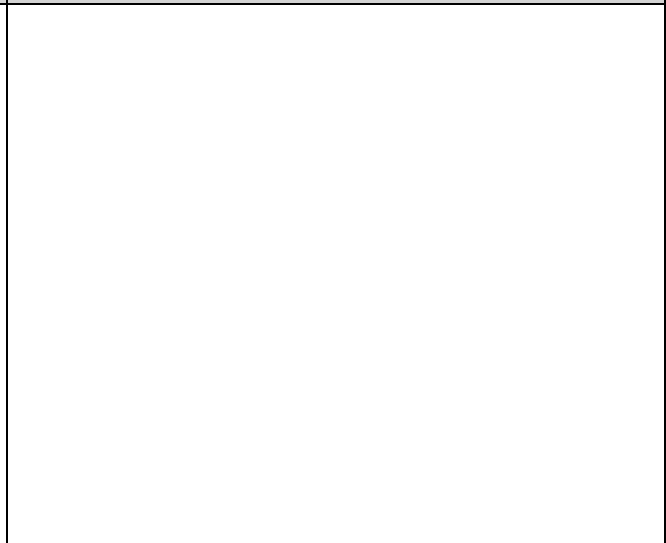
1-N5-PC3-15-20-H-1-N/A-DFT-PI2BPSK-Inner_1RB
_Left-1@1-30-1000-Ant1-58.62--56.65--13-PASS



1-N5-PC3-15-20-H-1-N/A-DFT-PI2BPSK-Inner_1RB
_Left-1@1-1000-3000-Ant1-2489.00--29.88--13-PAS
S



1-N5-PC3-15-20-H-1-N/A-DFT-PI2BPSK-Inner_1RB
_Left-1@1-3000-12000-Ant1-7492.35--46.58--13-PA
SS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> 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, Ransheng 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 = NR Band 5_ TM1_Ant13

Test Channel = Low Channel _20MHz

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	44.28	-48.38	25.57	-73.78	-13.00	60.78	215	63	Horizontal
2	2475.27	43.63	-46.95	27.85	-70.73	-13.00	57.73	188	3	Horizontal
3	3300.36	42.93	-46.11	29.48	-68.96	-13.00	55.96	295	95	Horizontal
4	4125.45	42.08	-45.33	30.80	-67.71	-13.00	54.71	163	360	Horizontal
5	4950.54	42.88	-45.08	32.48	-64.98	-13.00	51.98	241	95	Horizontal
6	5775.63	42.45	-43.52	33.48	-62.85	-13.00	49.85	172	218	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	44.39	-48.38	25.57	-73.67	-13.00	60.67	198	223	Vertical
2	2475.27	43.49	-46.95	27.85	-70.87	-13.00	57.87	274	252	Vertical
3	3300.36	43.22	-46.11	29.48	-68.67	-13.00	55.67	169	81	Vertical
4	4125.45	42.41	-45.33	30.80	-67.38	-13.00	54.38	233	300	Vertical
5	4950.54	42.40	-45.08	32.48	-65.46	-13.00	52.46	185	0	Vertical
6	5775.63	41.57	-43.52	33.48	-63.73	-13.00	50.73	175	9	Vertical



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

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

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

Test Band = NR Band 5_ TM1_Ant13
 Test Channel = Mid Channel _20MHz

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	44.01	-48.36	25.57	-74.04	-13.00	61.04	128	46	Horizontal
2	2482.77	43.87	-46.88	27.87	-70.41	-13.00	57.41	244	297	Horizontal
3	3310.36	43.50	-46.13	29.48	-68.41	-13.00	55.41	179	173	Horizontal
4	4137.95	41.72	-45.30	30.82	-68.01	-13.00	55.01	263	312	Horizontal
5	4965.54	42.45	-45.06	32.52	-65.35	-13.00	52.35	175	360	Horizontal
6	5793.13	41.66	-43.51	33.54	-63.57	-13.00	50.57	144	187	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	44.95	-48.36	25.57	-73.10	-13.00	60.10	209	283	Vertical
2	2482.77	43.47	-46.88	27.87	-70.81	-13.00	57.81	178	190	Vertical
3	3310.36	42.98	-46.13	29.48	-68.93	-13.00	55.93	255	300	Vertical
4	4137.95	41.87	-45.30	30.82	-67.86	-13.00	54.86	168	314	Vertical
5	4965.54	42.52	-45.06	32.52	-65.28	-13.00	52.28	293	357	Vertical
6	5793.13	41.68	-43.51	33.54	-63.55	-13.00	50.55	143	206	Vertical



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

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

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

Test Band = NR Band 5_ TM1_Ant13

Test Channel = High Channel _20MHz

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	43.91	-48.35	25.57	-74.13	-13.00	61.13	218	352	Horizontal
2	2490.27	43.80	-46.82	27.88	-70.40	-13.00	57.40	295	251	Horizontal
3	3320.36	42.50	-46.14	29.47	-69.43	-13.00	56.43	168	282	Horizontal
4	4150.45	41.98	-45.26	30.84	-67.70	-13.00	54.70	172	46	Horizontal
5	4980.54	42.24	-45.04	32.55	-65.50	-13.00	52.50	246	360	Horizontal
6	5810.63	42.00	-43.48	33.59	-63.14	-13.00	50.14	132	77	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	44.28	-48.35	25.57	-73.76	-13.00	60.76	219	49	Vertical
2	2490.27	43.69	-46.82	27.88	-70.51	-13.00	57.51	283	267	Vertical
3	3320.36	42.68	-46.14	29.47	-69.25	-13.00	56.25	271	0	Vertical
4	4150.45	41.87	-45.26	30.84	-67.81	-13.00	54.81	146	357	Vertical
5	4980.54	41.88	-45.04	32.55	-65.86	-13.00	52.86	189	282	Vertical
6	5810.63	41.77	-43.48	33.59	-63.37	-13.00	50.37	301	8	Vertical



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

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

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

Test Band = NR Band 5_ TM1_Ant31
 Test Channel = Low Channel _20MHz

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	43.92	-48.38	25.57	-74.14	-13.00	61.14	219	139	Horizontal
2	2475.27	44.02	-46.95	27.85	-70.34	-13.00	57.34	148	200	Horizontal
3	3300.36	44.37	-46.11	29.48	-67.52	-13.00	54.52	166	93	Horizontal
4	4125.45	42.17	-45.33	30.80	-67.62	-13.00	54.62	239	360	Horizontal
5	4950.54	41.80	-45.08	32.48	-66.06	-13.00	53.06	271	341	Horizontal
6	5775.63	42.01	-43.52	33.48	-63.29	-13.00	50.29	146	216	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	44.07	-48.38	25.57	-73.99	-13.00	60.99	198	139	Vertical
2	2475.27	43.77	-46.95	27.85	-70.59	-13.00	57.59	274	328	Vertical
3	3300.36	43.46	-46.11	29.48	-68.43	-13.00	55.43	156	234	Vertical
4	4125.45	42.93	-45.33	30.80	-66.86	-13.00	53.86	215	17	Vertical
5	4950.54	41.25	-45.08	32.48	-66.61	-13.00	53.61	209	94	Vertical
6	5775.63	41.42	-43.52	33.48	-63.88	-13.00	50.88	168	46	Vertical



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

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

Test Band = NR Band 5_ TM1_Ant31
 Test Channel = Mid Channel _20MHz

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664	65.09	-48.34	25.57	-52.94	-13.00	39.94	214	157	Horizontal
2	2482.77	44.33	-46.88	27.87	-69.95	-13.00	56.95	182	359	Horizontal
3	3310.36	43.72	-46.13	29.48	-68.19	-13.00	55.19	196	359	Horizontal
4	4137.95	42.05	-45.30	30.82	-67.68	-13.00	54.68	203	124	Horizontal
5	4965.54	41.80	-45.06	32.52	-66.00	-13.00	53.00	162	266	Horizontal
6	5793.13	41.79	-43.51	33.54	-63.44	-13.00	50.44	135	360	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1663.5556	62.50	-48.34	25.57	-55.53	-13.00	42.53	271	2	Vertical
2	2482.77	44.59	-46.88	27.87	-69.69	-13.00	56.69	194	357	Vertical
3	3310.36	43.49	-46.13	29.48	-68.42	-13.00	55.42	268	137	Vertical
4	4137.95	43.20	-45.30	30.82	-66.53	-13.00	53.53	135	357	Vertical
5	4965.54	41.47	-45.06	32.52	-66.33	-13.00	53.33	241	0	Vertical
6	5793.13	41.68	-43.51	33.54	-63.55	-13.00	50.55	178	170	Vertical



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

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

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

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

Test Band = NR Band 5_ TM1_Ant31
 Test Channel = High Channel _20MHz

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1663.5556	63.80	-48.34	25.57	-54.23	-13.00	41.23	122	137	Horizontal
2	2490.27	44.48	-46.82	27.88	-69.72	-13.00	56.72	296	3	Horizontal
3	3320.36	43.58	-46.14	29.47	-68.35	-13.00	55.35	235	123	Horizontal
4	4150.45	42.94	-45.26	30.84	-66.74	-13.00	53.74	175	45	Horizontal
5	4980.54	42.09	-45.04	32.55	-65.65	-13.00	52.65	186	60	Horizontal
6	5810.63	41.81	-43.48	33.59	-63.33	-13.00	50.33	201	360	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1663.5556	64.64	-48.34	25.57	-53.39	-13.00	40.39	281	119	Vertical
2	2475.1111	49.96	-46.95	27.85	-64.40	-13.00	51.40	168	182	Vertical
3	3320.36	42.76	-46.14	29.47	-69.17	-13.00	56.17	175	278	Vertical
4	4150.45	42.01	-45.26	30.84	-67.67	-13.00	54.67	248	182	Vertical
5	4980.54	41.46	-45.04	32.55	-66.28	-13.00	53.28	293	213	Vertical
6	5810.63	42.67	-43.48	33.59	-62.47	-13.00	49.47	258	357	Vertical



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

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

South of No. 6 Plant, No. 1, Ransheng 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 = ENDC_7A_n5A_TM1_ANT11+ANT13
 Test Channel = Low Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2461	33.75	-24.08	27.31	-58.27	-25.00	33.27	259	72	Horizontal
2	1650.18	30.12	-25.28	24.60	-65.82	-25.00	40.82	186	40	Horizontal
3	3300.36	42.73	-45.88	29.56	-68.85	-25.00	43.85	234	176	Horizontal
4	4125.45	41.30	-45.01	31.50	-67.46	-25.00	42.46	177	89	Horizontal
5	4950.54	40.45	-44.91	33.09	-66.63	-25.00	41.63	185	339	Horizontal
6	5775.63	38.34	-43.52	34.04	-66.40	-25.00	41.40	206	89	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	29.98	-25.28	24.60	-65.96	-25.00	40.96	254	298	Vertical
2	2475.27	30.19	-24.00	27.35	-61.72	-25.00	36.72	175	252	Vertical
3	3300.36	41.64	-45.88	29.56	-69.94	-25.00	44.94	186	12	Vertical
4	4125.45	40.70	-45.01	31.50	-68.06	-25.00	43.06	233	47	Vertical
5	4950.54	40.25	-44.91	33.09	-66.83	-25.00	41.83	154	298	Vertical
6	5775.63	38.77	-43.52	34.04	-65.97	-25.00	40.97	192	51	Vertical



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

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

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

Test Band = ENDC_7A_n5A_TM1_ANT11+ANT13

Test Channel = Mid Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	30.04	-25.27	24.60	-65.89	-25.00	40.89	191	289	Horizontal
2	2482.77	30.09	-23.96	27.36	-61.77	-25.00	36.77	135	267	Horizontal
3	3310.36	42.18	-45.89	29.56	-69.40	-25.00	44.40	266	278	Horizontal
4	4137.95	39.88	-45.01	31.52	-68.87	-25.00	43.87	287	1	Horizontal
5	4965.54	40.12	-44.92	33.13	-66.93	-25.00	41.93	145	213	Horizontal
6	5793.13	39.01	-43.47	34.10	-65.62	-25.00	40.62	165	213	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2463	32.09	-24.07	27.32	-59.92	-25.00	34.92	216	231	Vertical
2	4555	41.18	-44.61	32.22	-66.47	-25.00	41.47	195	176	Vertical
3	5032.5	41.68	-44.73	33.19	-65.12	-25.00	40.12	278	1	Vertical
4	7120.5	40.48	-42.43	36.14	-61.06	-25.00	36.06	164	0	Vertical
5	1655.18	30.26	-25.27	24.60	-65.67	-25.00	40.67	235	20	Vertical
6	3310.36	42.76	-45.89	29.56	-68.82	-25.00	43.82	144	34	Vertical



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

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

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

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

Test Band = ENDC_7A_n5A_TM1_ANT11+ANT13

Test Channel = High Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3716.5	43.39	-45.66	30.34	-67.19	-25.00	42.19	241	357	Horizontal
2	4681	41.66	-44.30	32.50	-65.40	-25.00	40.40	132	169	Horizontal
3	6752	41.92	-42.58	35.90	-60.02	-25.00	35.02	167	22	Horizontal
4	1660.18	30.31	-25.25	24.60	-65.60	-25.00	40.60	288	180	Horizontal
5	2490.27	29.99	-23.92	27.38	-61.81	-25.00	36.81	152	95	Horizontal
6	3320.36	42.40	-45.89	29.56	-69.19	-25.00	44.19	175	191	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4682.5	42.32	-44.30	32.50	-64.74	-25.00	39.74	142	17	Vertical
2	6212.5	42.33	-42.71	35.23	-60.41	-25.00	35.41	216	301	Vertical
3	9583.5	37.92	-38.11	37.78	-57.67	-25.00	32.67	233	37	Vertical
4	1660.18	30.13	-25.25	24.60	-65.78	-25.00	40.78	197	179	Vertical
5	2490.27	29.84	-23.92	27.38	-61.96	-25.00	36.96	285	94	Vertical
6	3320.36	42.17	-45.89	29.56	-69.42	-25.00	44.42	146	260	Vertical



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

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

South of No. 6 Plant, No. 1, Ransheng 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 = ENDC_7A_n5A_TM1_ANT11+ANT31

Test Channel = Low Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	35.52	-25.28	25.57	-59.45	-25.00	34.45	304	107	Horizontal
2	2475.27	36.39	-24.00	27.85	-55.02	-25.00	30.02	263	76	Horizontal
3	3300.36	42.47	-45.88	29.48	-69.19	-25.00	44.19	194	90	Horizontal
4	5002.18	38.58	-44.92	32.60	-69.00	-25.00	44.00	258	69	Horizontal
5	7503.27	38.05	-41.59	36.51	-62.29	-25.00	37.29	284	14	Horizontal
6	10004.36	34.30	-37.13	38.50	-59.59	-25.00	34.59	166	69	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	35.67	-25.28	25.57	-59.30	-25.00	34.30	147	156	Vertical
2	2475.27	36.62	-24.00	27.85	-54.79	-25.00	29.79	189	81	Vertical
3	3300.36	41.90	-45.88	29.48	-69.76	-25.00	44.76	263	26	Vertical
4	5002.18	38.68	-44.92	32.60	-68.90	-25.00	43.90	287	0	Vertical
5	7503.27	38.56	-41.59	36.51	-61.78	-25.00	36.78	145	321	Vertical
6	10004.36	33.56	-37.13	38.50	-60.33	-25.00	35.33	162	357	Vertical



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

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

South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路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 = ENDC_7A_n5A_TM1_ANT11+ANT31

Test Channel = Mid Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	35.40	-25.27	25.57	-59.56	-25.00	34.56	174	360	Horizontal
2	2482.77	36.69	-23.96	27.87	-54.66	-25.00	29.66	289	41	Horizontal
3	3310.36	41.53	-45.89	29.48	-70.14	-25.00	45.14	163	192	Horizontal
4	5052.18	40.10	-44.60	32.60	-67.16	-25.00	42.16	201	111	Horizontal
5	7578.27	37.44	-41.33	36.66	-62.50	-25.00	37.50	156	0	Horizontal
6	10104.36	34.11	-36.80	38.61	-59.33	-25.00	34.33	286	130	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	35.71	-25.27	25.57	-59.25	-25.00	34.25	219	115	Vertical
2	2482.77	36.55	-23.96	27.87	-54.80	-25.00	29.80	178	318	Vertical
3	3310.36	41.74	-45.89	29.48	-69.93	-25.00	44.93	123	321	Vertical
4	5052.18	40.57	-44.60	32.60	-66.69	-25.00	41.69	259	257	Vertical
5	7578.27	37.29	-41.33	36.66	-62.65	-25.00	37.65	276	69	Vertical
6	10104.36	34.36	-36.80	38.61	-59.08	-25.00	34.08	139	131	Vertical



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

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

South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路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 = ENDC_7A_n5A_TM1_ANT11+ANT31

Test Channel = High Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	35.31	-25.27	25.57	-59.65	-25.00	34.65	211	251	Horizontal
2	2482.77	36.68	-23.96	27.87	-54.67	-25.00	29.67	193	42	Horizontal
3	3310.36	41.55	-45.89	29.48	-70.12	-25.00	45.12	271	193	Horizontal
4	4137.95	41.02	-45.01	30.82	-68.43	-25.00	43.43	146	255	Horizontal
5	4965.54	39.34	-44.92	32.52	-68.32	-25.00	43.32	289	92	Horizontal
6	5793.13	38.78	-43.47	33.54	-66.41	-25.00	41.41	244	340	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	35.52	-25.27	25.57	-59.44	-25.00	34.44	159	86	Vertical
2	2482.77	36.79	-23.96	27.87	-54.56	-25.00	29.56	237	3	Vertical
3	3310.36	42.41	-45.89	29.48	-69.26	-25.00	44.26	185	32	Vertical
4	4137.95	41.51	-45.01	30.82	-67.94	-25.00	42.94	196	282	Vertical
5	4965.54	39.17	-44.92	32.52	-68.49	-25.00	43.49	247	138	Vertical
6	5793.13	40.10	-43.47	33.54	-65.09	-25.00	40.09	188	75	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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

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

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

Report No.: SEWM2306000194RG02

Rev.: 01

Page: 71 of 72

Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage											
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Limit	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-5.200000	-0.006597	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-4.100000	-0.005236	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-5.400000	-0.006524	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VH	NT	-6.100000	-0.008621	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VN	NT	-4.100000	-0.005362	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VL	NT	-5.200000	-0.005214	±2.5	PASS



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

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

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

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

Frequency Error VS. Temperature

Temperature

Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Limit	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-4.100000	-0.003254	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-4.900000	-0.006314	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-6.500000	-0.007658	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-5.100000	-0.005563	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-3.300000	-0.004215	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-5.600000	-0.006325	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-4.600000	-0.004156	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-5.600000	-0.004178	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-4.500000	-0.006524	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-30	-6.300000	-0.006387	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-20	-6.500000	-0.007563	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-10	-6.200000	-0.006745	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	0	-5.600000	-0.006954	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	10	-4.400000	-0.004698	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	20	-5.300000	-0.005471	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	30	-6.500000	-0.006354	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	40	-7.600000	-0.008974	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	50	-8.600000	-0.007896	±2.5	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-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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路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