



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 1 of 75

Appendix B.28

NR Band n7



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> 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, Rensheng 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.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 2 of 75

Effective (Isotropic) Radiated Power Output Data for SA

Test ResultAnt1

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N7	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.34	24.76	33	PASS
N7	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.26	24.68	33	PASS
N7	15	5	DFT-PI2BPSK	L	Outer_Full	22.87	24.29	33	PASS
N7	15	5	DFT-QPSK	L	Inner_1RB_Left	23.44	24.86	33	PASS
N7	15	5	DFT-QPSK	L	Inner_1RB_Right	23.42	24.84	33	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	22.45	23.87	33	PASS
N7	15	5	DFT-16QAM	L	Inner_1RB_Left	22.09	23.51	33	PASS
N7	15	5	DFT-16QAM	L	Inner_1RB_Right	22.08	23.5	33	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	21.43	22.85	33	PASS
N7	15	5	DFT-64QAM	L	Inner_1RB_Left	20.56	21.98	33	PASS
N7	15	5	DFT-64QAM	L	Inner_1RB_Right	20.76	22.18	33	PASS
N7	15	5	DFT-64QAM	L	Outer_Full	20.84	22.26	33	PASS
N7	15	5	DFT-256QAM	L	Inner_1RB_Left	18.8	20.22	33	PASS
N7	15	5	DFT-256QAM	L	Inner_1RB_Right	19.03	20.45	33	PASS
N7	15	5	DFT-256QAM	L	Outer_Full	18.98	20.4	33	PASS
N7	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.29	24.71	33	PASS
N7	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.18	24.6	33	PASS
N7	15	5	DFT-PI2BPSK	M	Outer_Full	22.8	24.22	33	PASS
N7	15	5	DFT-QPSK	M	Inner_1RB_Left	23.39	24.81	33	PASS
N7	15	5	DFT-QPSK	M	Inner_1RB_Right	23.46	24.88	33	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	22.32	23.74	33	PASS
N7	15	5	DFT-16QAM	M	Inner_1RB_Left	22	23.42	33	PASS
N7	15	5	DFT-16QAM	M	Inner_1RB_Right	22.07	23.49	33	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	21.33	22.75	33	PASS
N7	15	5	DFT-64QAM	M	Inner_1RB_Left	20.65	22.07	33	PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 3 of 75

N7	15	5	DFT-64QAM	M	Inner_1RB_Right	20.66	22.08	33	PASS
N7	15	5	DFT-64QAM	M	Outer_Full	20.82	22.24	33	PASS
N7	15	5	DFT-256QAM	M	Inner_1RB_Left	19.01	20.43	33	PASS
N7	15	5	DFT-256QAM	M	Inner_1RB_Right	19.03	20.45	33	PASS
N7	15	5	DFT-256QAM	M	Outer_Full	18.93	20.35	33	PASS
N7	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.07	24.49	33	PASS
N7	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.36	24.78	33	PASS
N7	15	5	DFT-PI2BPSK	H	Outer_Full	22.81	24.23	33	PASS
N7	15	5	DFT-QPSK	H	Inner_1RB_Left	23.34	24.76	33	PASS
N7	15	5	DFT-QPSK	H	Inner_1RB_Right	23.6	25.02	33	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	22.24	23.66	33	PASS
N7	15	5	DFT-16QAM	H	Inner_1RB_Left	22	23.42	33	PASS
N7	15	5	DFT-16QAM	H	Inner_1RB_Right	22.19	23.61	33	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	21.16	22.58	33	PASS
N7	15	5	DFT-64QAM	H	Inner_1RB_Left	20.64	22.06	33	PASS
N7	15	5	DFT-64QAM	H	Inner_1RB_Right	20.75	22.17	33	PASS
N7	15	5	DFT-64QAM	H	Outer_Full	20.59	22.01	33	PASS
N7	15	5	DFT-256QAM	H	Inner_1RB_Left	18.79	20.21	33	PASS
N7	15	5	DFT-256QAM	H	Inner_1RB_Right	19.06	20.48	33	PASS
N7	15	5	DFT-256QAM	H	Outer_Full	18.92	20.34	33	PASS
N7	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.38	24.8	33	PASS
N7	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.51	24.93	33	PASS
N7	15	10	DFT-PI2BPSK	L	Outer_Full	23.3	24.72	33	PASS
N7	15	10	DFT-QPSK	L	Inner_1RB_Left	23.5	24.92	33	PASS
N7	15	10	DFT-QPSK	L	Inner_1RB_Right	23.61	25.03	33	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	22.44	23.86	33	PASS
N7	15	10	DFT-16QAM	L	Inner_1RB_Left	21.99	23.41	33	PASS
N7	15	10	DFT-16QAM	L	Inner_1RB_Right	22.27	23.69	33	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	21.41	22.83	33	PASS
N7	15	10	DFT-64QAM	L	Inner_1RB_Left	20.81	22.23	33	PASS
N7	15	10	DFT-64QAM	L	Inner_1RB_Right	21.01	22.43	33	PASS



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

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

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

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

Member of the SGS Group (SGS SA)



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 4 of 75

N7	15	10	DFT-64QAM	L	Outer_Full	20.9	22.32	33	PASS
N7	15	10	DFT-256QAM	L	Inner_1RB_Left	19.02	20.44	33	PASS
N7	15	10	DFT-256QAM	L	Inner_1RB_Right	19.25	20.67	33	PASS
N7	15	10	DFT-256QAM	L	Outer_Full	19.16	20.58	33	PASS
N7	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.20	24.62	33	PASS
N7	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.25	24.67	33	PASS
N7	15	10	DFT-PI2BPSK	M	Outer_Full	22.91	24.33	33	PASS
N7	15	10	DFT-QPSK	M	Inner_1RB_Left	23.46	24.88	33	PASS
N7	15	10	DFT-QPSK	M	Inner_1RB_Right	23.56	24.98	33	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	22.48	23.9	33	PASS
N7	15	10	DFT-16QAM	M	Inner_1RB_Left	22.11	23.53	33	PASS
N7	15	10	DFT-16QAM	M	Inner_1RB_Right	22.09	23.51	33	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	21.43	22.85	33	PASS
N7	15	10	DFT-64QAM	M	Inner_1RB_Left	20.62	22.04	33	PASS
N7	15	10	DFT-64QAM	M	Inner_1RB_Right	20.75	22.17	33	PASS
N7	15	10	DFT-64QAM	M	Outer_Full	20.88	22.3	33	PASS
N7	15	10	DFT-256QAM	M	Inner_1RB_Left	18.94	20.36	33	PASS
N7	15	10	DFT-256QAM	M	Inner_1RB_Right	18.97	20.39	33	PASS
N7	15	10	DFT-256QAM	M	Outer_Full	19.05	20.47	33	PASS
N7	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.22	24.64	33	PASS
N7	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.3	24.72	33	PASS
N7	15	10	DFT-PI2BPSK	H	Outer_Full	22.83	24.25	33	PASS
N7	15	10	DFT-QPSK	H	Inner_1RB_Left	23.34	24.76	33	PASS
N7	15	10	DFT-QPSK	H	Inner_1RB_Right	23.6	25.02	33	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	22.16	23.58	33	PASS
N7	15	10	DFT-16QAM	H	Inner_1RB_Left	21.91	23.33	33	PASS
N7	15	10	DFT-16QAM	H	Inner_1RB_Right	22.16	23.58	33	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	21.17	22.59	33	PASS
N7	15	10	DFT-64QAM	H	Inner_1RB_Left	20.54	21.96	33	PASS
N7	15	10	DFT-64QAM	H	Inner_1RB_Right	20.68	22.1	33	PASS
N7	15	10	DFT-64QAM	H	Outer_Full	20.6	22.02	33	PASS



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

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

South of No. 6 Plant, No. 1, Rensheng 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胜浦路1号6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 5 of 75

N7	15	10	DFT-256QAM	H	Inner_1RB_Left	18.76	20.18	33	PASS
N7	15	10	DFT-256QAM	H	Inner_1RB_Right	19	20.42	33	PASS
N7	15	10	DFT-256QAM	H	Outer_Full	18.79	20.21	33	PASS
N7	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.38	24.8	33	PASS
N7	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.44	24.86	33	PASS
N7	15	15	DFT-PI2BPSK	L	Outer_Full	23.06	24.48	33	PASS
N7	15	15	DFT-QPSK	L	Inner_1RB_Left	23.58	25	33	PASS
N7	15	15	DFT-QPSK	L	Inner_1RB_Right	23.56	24.98	33	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	22.51	23.93	33	PASS
N7	15	15	DFT-16QAM	L	Inner_1RB_Left	22.19	23.61	33	PASS
N7	15	15	DFT-16QAM	L	Inner_1RB_Right	21.74	23.16	33	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	21.57	22.99	33	PASS
N7	15	15	DFT-64QAM	L	Inner_1RB_Left	20.53	21.95	33	PASS
N7	15	15	DFT-64QAM	L	Inner_1RB_Right	20.71	22.13	33	PASS
N7	15	15	DFT-64QAM	L	Outer_Full	20.51	21.93	33	PASS
N7	15	15	DFT-256QAM	L	Inner_1RB_Left	19.23	20.65	33	PASS
N7	15	15	DFT-256QAM	L	Inner_1RB_Right	18.66	20.08	33	PASS
N7	15	15	DFT-256QAM	L	Outer_Full	18.62	20.04	33	PASS
N7	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.37	24.79	33	PASS
N7	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.17	24.59	33	PASS
N7	15	15	DFT-PI2BPSK	M	Outer_Full	22.85	24.27	33	PASS
N7	15	15	DFT-QPSK	M	Inner_1RB_Left	23.36	24.78	33	PASS
N7	15	15	DFT-QPSK	M	Inner_1RB_Right	23.38	24.8	33	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	22.35	23.77	33	PASS
N7	15	15	DFT-16QAM	M	Inner_1RB_Left	22.16	23.58	33	PASS
N7	15	15	DFT-16QAM	M	Inner_1RB_Right	22.18	23.6	33	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	21.39	22.81	33	PASS
N7	15	15	DFT-64QAM	M	Inner_1RB_Left	20.6	22.02	33	PASS
N7	15	15	DFT-64QAM	M	Inner_1RB_Right	20.59	22.01	33	PASS
N7	15	15	DFT-64QAM	M	Outer_Full	20.79	22.21	33	PASS
N7	15	15	DFT-256QAM	M	Inner_1RB_Left	19.11	20.53	33	PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 6 of 75

N7	15	15	DFT-256QAM	M	Inner_1RB_Right	19.03	20.45	33	PASS
N7	15	15	DFT-256QAM	M	Outer_Full	19.01	20.43	33	PASS
N7	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.03	24.45	33	PASS
N7	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.27	24.69	33	PASS
N7	15	15	DFT-PI2BPSK	H	Outer_Full	22.68	24.1	33	PASS
N7	15	15	DFT-QPSK	H	Inner_1RB_Left	23.34	24.76	33	PASS
N7	15	15	DFT-QPSK	H	Inner_1RB_Right	23.46	24.88	33	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	22.24	23.66	33	PASS
N7	15	15	DFT-16QAM	H	Inner_1RB_Left	22.03	23.45	33	PASS
N7	15	15	DFT-16QAM	H	Inner_1RB_Right	22.28	23.7	33	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	21.23	22.65	33	PASS
N7	15	15	DFT-64QAM	H	Inner_1RB_Left	20.51	21.93	33	PASS
N7	15	15	DFT-64QAM	H	Inner_1RB_Right	20.93	22.35	33	PASS
N7	15	15	DFT-64QAM	H	Outer_Full	20.64	22.06	33	PASS
N7	15	15	DFT-256QAM	H	Inner_1RB_Left	18.93	20.35	33	PASS
N7	15	15	DFT-256QAM	H	Inner_1RB_Right	19.12	20.54	33	PASS
N7	15	15	DFT-256QAM	H	Outer_Full	18.86	20.28	33	PASS
N7	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.29	24.71	33	PASS
N7	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.32	24.74	33	PASS
N7	15	20	DFT-PI2BPSK	L	Outer_Full	22.99	24.41	33	PASS
N7	15	20	DFT-QPSK	L	Inner_1RB_Left	23.51	24.93	33	PASS
N7	15	20	DFT-QPSK	L	Inner_1RB_Right	23.44	24.86	33	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	22.41	23.83	33	PASS
N7	15	20	DFT-16QAM	L	Inner_1RB_Left	22.15	23.57	33	PASS
N7	15	20	DFT-16QAM	L	Inner_1RB_Right	22.26	23.68	33	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	21.62	23.04	33	PASS
N7	15	20	DFT-64QAM	L	Inner_1RB_Left	20.64	22.06	33	PASS
N7	15	20	DFT-64QAM	L	Inner_1RB_Right	20.65	22.07	33	PASS
N7	15	20	DFT-64QAM	L	Outer_Full	21.08	22.5	33	PASS
N7	15	20	DFT-256QAM	L	Inner_1RB_Left	18.95	20.37	33	PASS
N7	15	20	DFT-256QAM	L	Inner_1RB_Right	18.92	20.34	33	PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 7 of 75

N7	15	20	DFT-256QAM	L	Outer_Full	19.22	20.64	33	PASS
N7	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.3	24.72	33	PASS
N7	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.39	24.81	33	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	22.86	24.28	33	PASS
N7	15	20	DFT-QPSK	M	Inner_1RB_Left	23.51	24.93	33	PASS
N7	15	20	DFT-QPSK	M	Inner_1RB_Right	23.43	24.85	33	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	22.26	23.68	33	PASS
N7	15	20	DFT-16QAM	M	Inner_1RB_Left	22.16	23.58	33	PASS
N7	15	20	DFT-16QAM	M	Inner_1RB_Right	21.87	23.29	33	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	21.08	22.5	33	PASS
N7	15	20	DFT-64QAM	M	Inner_1RB_Left	20.8	22.22	33	PASS
N7	15	20	DFT-64QAM	M	Inner_1RB_Right	20.72	22.14	33	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	20.63	22.05	33	PASS
N7	15	20	DFT-256QAM	M	Inner_1RB_Left	18.97	20.39	33	PASS
N7	15	20	DFT-256QAM	M	Inner_1RB_Right	19.07	20.49	33	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	18.82	20.24	33	PASS
N7	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.01	24.43	33	PASS
N7	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.35	24.77	33	PASS
N7	15	20	DFT-PI2BPSK	H	Outer_Full	22.73	24.15	33	PASS
N7	15	20	DFT-QPSK	H	Inner_1RB_Left	23.24	24.66	33	PASS
N7	15	20	DFT-QPSK	H	Inner_1RB_Right	23.49	24.91	33	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	22.29	23.71	33	PASS
N7	15	20	DFT-16QAM	H	Inner_1RB_Left	21.94	23.36	33	PASS
N7	15	20	DFT-16QAM	H	Inner_1RB_Right	22.26	23.68	33	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	21.3	22.72	33	PASS
N7	15	20	DFT-64QAM	H	Inner_1RB_Left	20.49	21.91	33	PASS
N7	15	20	DFT-64QAM	H	Inner_1RB_Right	20.96	22.38	33	PASS
N7	15	20	DFT-64QAM	H	Outer_Full	20.64	22.06	33	PASS
N7	15	20	DFT-256QAM	H	Inner_1RB_Left	18.96	20.38	33	PASS
N7	15	20	DFT-256QAM	H	Inner_1RB_Right	19.26	20.68	33	PASS
N7	15	20	DFT-256QAM	H	Outer_Full	18.69	20.11	33	PASS



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

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

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

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

Member of the SGS Group (SGS SA)



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 8 of 75



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> 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, Rensheng 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.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 9 of 75

Peak-to-Average Ratio for SA

Peak-to-Average Ratio(PAPR)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N7	15	20	DFT-256QAM	L	Outer_Full	100%	0.00	8.48	≤13	PASS
N7	15	20	CP-256QAM	L	Outer_Full	100%	0.00	9.58	≤13	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	8.50	≤13	PASS
N7	15	20	CP-256QAM	M	Outer_Full	100%	0.00	9.41	≤13	PASS
N7	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	9.13	≤13	PASS
N7	15	20	CP-256QAM	H	Outer_Full	100%	0.00	9.56	≤13	PASS



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

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

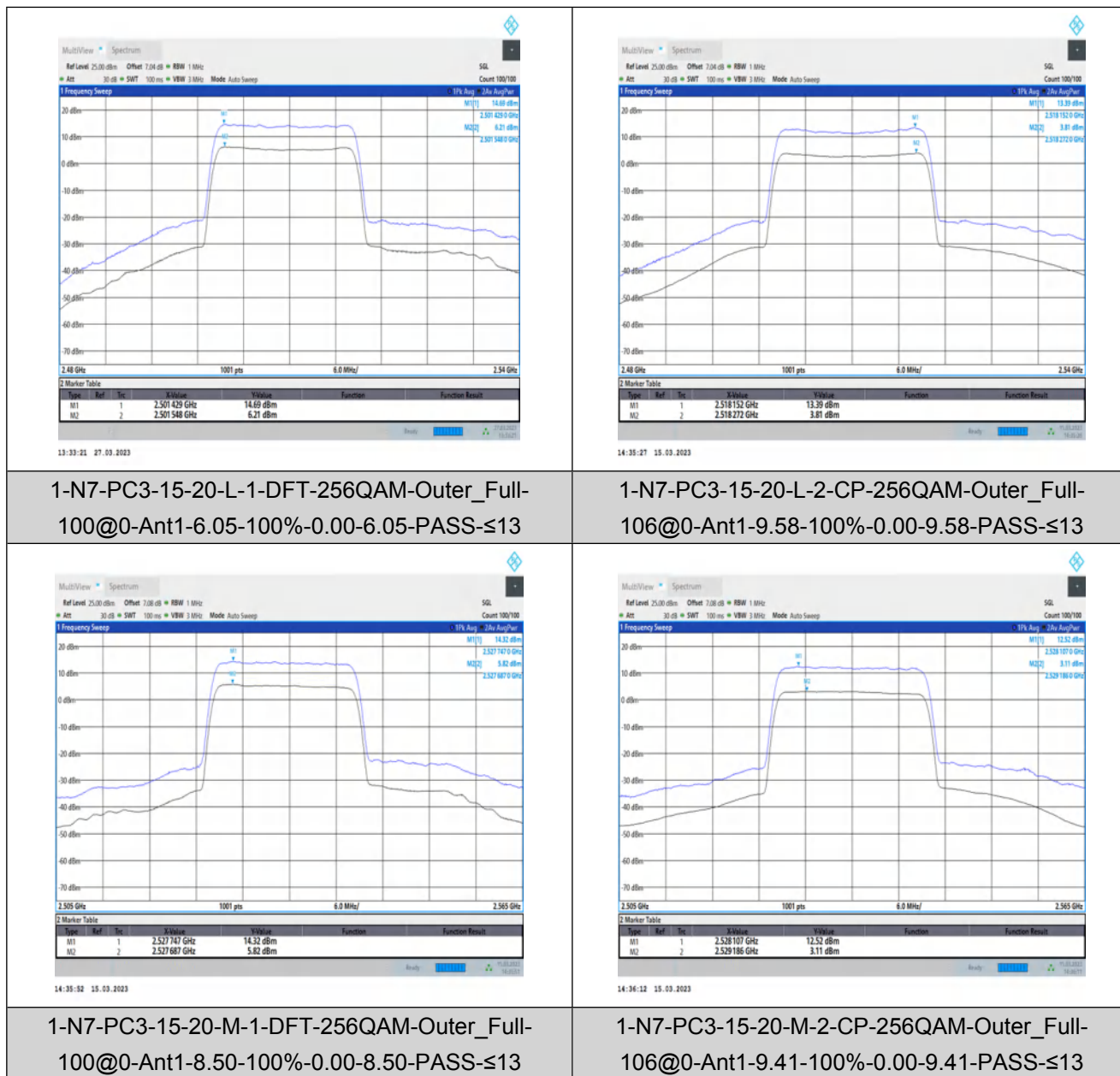
South of No. 6 Plant, No. 1, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02
Rev.: 01
Page: 10 of 75

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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

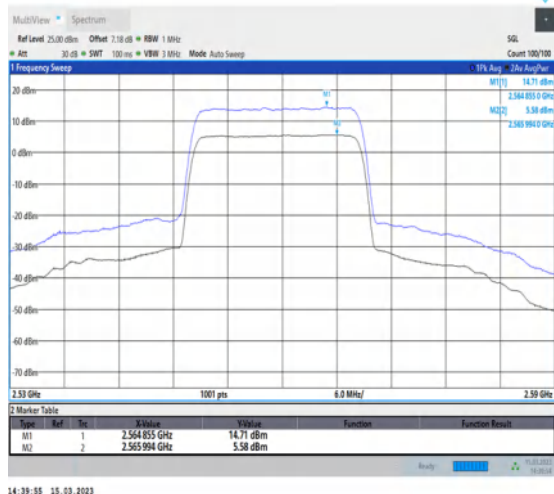
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

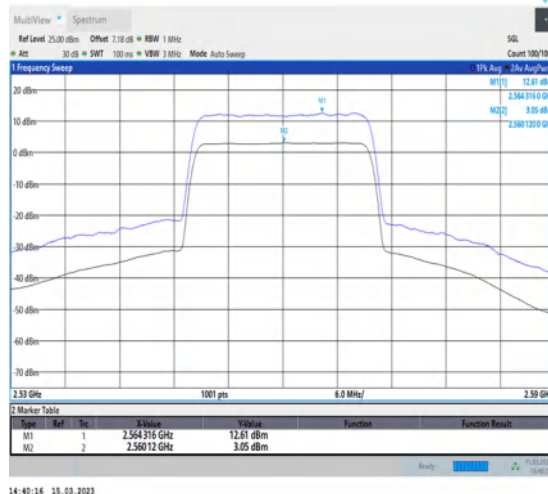
Report No.: SEWM2311000473RG02

Rev.: 01

Page: 11 of 75



1-N7-PC3-15-20-H-1-DFT-256QAM-Outer_Full-100@0-Ant1-9.13-100%-0.00-9.13-PASS-≤13



1-N7-PC3-15-20-H-2-CP-256QAM-Outer_Full-106@0-Ant1-9.56-100%-0.00-9.56-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, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 12 of 75

26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N7	15	5	DFT-QPSK	L	Outer_Full	4.458	4.780	PASS
N7	15	5	DFT-PI2BPSK	L	Outer_Full	4.461	4.820	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	4.493	4.770	PASS
N7	15	5	DFT-64QAM	L	Outer_Full	4.471	4.840	PASS
N7	15	5	DFT-256QAM	L	Outer_Full	4.465	4.800	PASS
N7	15	5	CP-QPSK	L	Outer_Full	4.465	4.870	PASS
N7	15	5	CP-16QAM	L	Outer_Full	4.469	4.850	PASS
N7	15	5	CP-64QAM	L	Outer_Full	4.466	4.850	PASS
N7	15	5	CP-256QAM	L	Outer_Full	4.47	4.800	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	4.463	4.830	PASS
N7	15	5	DFT-PI2BPSK	M	Outer_Full	4.453	4.790	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	4.468	4.820	PASS
N7	15	5	DFT-64QAM	M	Outer_Full	4.476	4.820	PASS
N7	15	5	DFT-256QAM	M	Outer_Full	4.447	4.820	PASS
N7	15	5	CP-QPSK	M	Outer_Full	4.465	4.830	PASS
N7	15	5	CP-16QAM	M	Outer_Full	4.486	4.890	PASS
N7	15	5	CP-64QAM	M	Outer_Full	4.471	4.800	PASS
N7	15	5	CP-256QAM	M	Outer_Full	4.476	4.810	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	4.458	4.810	PASS
N7	15	5	DFT-PI2BPSK	H	Outer_Full	4.447	4.750	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	4.465	4.820	PASS
N7	15	5	DFT-64QAM	H	Outer_Full	4.47	4.820	PASS
N7	15	5	DFT-256QAM	H	Outer_Full	4.467	4.790	PASS
N7	15	5	CP-QPSK	H	Outer_Full	4.46	4.860	PASS
N7	15	5	CP-16QAM	H	Outer_Full	4.474	4.800	PASS
N7	15	5	CP-64QAM	H	Outer_Full	4.479	4.870	PASS
N7	15	5	CP-256QAM	H	Outer_Full	4.475	4.790	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	8.961	9.420	PASS
N7	15	10	DFT-PI2BPSK	L	Outer_Full	8.953	9.440	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	8.95	9.380	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, Rensheng 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.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 13 of 75

N7	15	10	DFT-64QAM	L	Outer_Full	8.933	9.400	PASS
N7	15	10	DFT-256QAM	L	Outer_Full	8.942	9.420	PASS
N7	15	10	CP-QPSK	L	Outer_Full	9.296	9.780	PASS
N7	15	10	CP-16QAM	L	Outer_Full	9.307	9.780	PASS
N7	15	10	CP-64QAM	L	Outer_Full	9.293	9.740	PASS
N7	15	10	CP-256QAM	L	Outer_Full	9.302	9.800	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	8.948	9.420	PASS
N7	15	10	DFT-PI2BPSK	M	Outer_Full	8.936	9.440	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	8.922	9.380	PASS
N7	15	10	DFT-64QAM	M	Outer_Full	8.911	9.380	PASS
N7	15	10	DFT-256QAM	M	Outer_Full	8.925	9.420	PASS
N7	15	10	CP-QPSK	M	Outer_Full	9.272	9.740	PASS
N7	15	10	CP-16QAM	M	Outer_Full	9.296	9.780	PASS
N7	15	10	CP-64QAM	M	Outer_Full	9.307	9.800	PASS
N7	15	10	CP-256QAM	M	Outer_Full	9.294	9.720	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	8.904	9.340	PASS
N7	15	10	DFT-PI2BPSK	H	Outer_Full	8.925	9.360	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	8.912	9.380	PASS
N7	15	10	DFT-64QAM	H	Outer_Full	8.907	9.360	PASS
N7	15	10	DFT-256QAM	H	Outer_Full	8.917	9.400	PASS
N7	15	10	CP-QPSK	H	Outer_Full	9.271	9.780	PASS
N7	15	10	CP-16QAM	H	Outer_Full	9.312	9.780	PASS
N7	15	10	CP-64QAM	H	Outer_Full	9.275	9.800	PASS
N7	15	10	CP-256QAM	H	Outer_Full	9.307	9.780	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	13.466	14.160	PASS
N7	15	15	DFT-PI2BPSK	L	Outer_Full	13.441	14.070	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	13.457	14.070	PASS
N7	15	15	DFT-64QAM	L	Outer_Full	13.451	14.040	PASS
N7	15	15	DFT-256QAM	L	Outer_Full	13.448	14.130	PASS
N7	15	15	CP-QPSK	L	Outer_Full	14.182	14.820	PASS
N7	15	15	CP-16QAM	L	Outer_Full	14.154	14.850	PASS
N7	15	15	CP-64QAM	L	Outer_Full	14.153	15.120	PASS
N7	15	15	CP-256QAM	L	Outer_Full	14.118	14.850	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	13.415	14.100	PASS
N7	15	15	DFT-PI2BPSK	M	Outer_Full	13.426	14.160	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	13.419	14.040	PASS
N7	15	15	DFT-64QAM	M	Outer_Full	13.409	14.070	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, Rensheng 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.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 14 of 75

N7	15	15	DFT-256QAM	M	Outer_Full	13.412	14.070	PASS
N7	15	15	CP-QPSK	M	Outer_Full	14.125	14.790	PASS
N7	15	15	CP-16QAM	M	Outer_Full	14.147	14.880	PASS
N7	15	15	CP-64QAM	M	Outer_Full	14.089	14.820	PASS
N7	15	15	CP-256QAM	M	Outer_Full	14.111	14.820	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	13.41	14.130	PASS
N7	15	15	DFT-PI2BPSK	H	Outer_Full	13.407	14.100	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	13.419	14.070	PASS
N7	15	15	DFT-64QAM	H	Outer_Full	13.413	14.100	PASS
N7	15	15	DFT-256QAM	H	Outer_Full	13.435	14.100	PASS
N7	15	15	CP-QPSK	H	Outer_Full	14.144	14.880	PASS
N7	15	15	CP-16QAM	H	Outer_Full	14.108	14.760	PASS
N7	15	15	CP-64QAM	H	Outer_Full	14.112	14.760	PASS
N7	15	15	CP-256QAM	H	Outer_Full	14.102	14.820	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	17.914	18.640	PASS
N7	15	20	DFT-PI2BPSK	L	Outer_Full	17.924	18.680	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	17.933	18.560	PASS
N7	15	20	DFT-64QAM	L	Outer_Full	17.931	18.720	PASS
N7	15	20	DFT-256QAM	L	Outer_Full	17.942	18.760	PASS
N7	15	20	CP-QPSK	L	Outer_Full	18.964	19.760	PASS
N7	15	20	CP-16QAM	L	Outer_Full	18.995	19.760	PASS
N7	15	20	CP-64QAM	L	Outer_Full	18.963	19.680	PASS
N7	15	20	CP-256QAM	L	Outer_Full	19.01	19.760	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	17.866	18.560	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	17.836	18.560	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	17.871	18.600	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	17.865	18.640	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	17.869	18.720	PASS
N7	15	20	CP-QPSK	M	Outer_Full	18.875	19.800	PASS
N7	15	20	CP-16QAM	M	Outer_Full	18.934	19.800	PASS
N7	15	20	CP-64QAM	M	Outer_Full	18.959	19.840	PASS
N7	15	20	CP-256QAM	M	Outer_Full	18.96	19.720	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	17.885	18.680	PASS
N7	15	20	DFT-PI2BPSK	H	Outer_Full	17.867	18.520	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	17.89	18.680	PASS
N7	15	20	DFT-64QAM	H	Outer_Full	17.852	18.560	PASS
N7	15	20	DFT-256QAM	H	Outer_Full	17.906	18.640	PASS



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

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

South of No. 6 Plant, No. 1, Rensheng 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号厂房南面 邮编：215000

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

Member of the SGS Group (SGS SA)



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 15 of 75

N7	15	20	CP-QPSK	H	Outer_Full	18.959	19.720	PASS
N7	15	20	CP-16QAM	H	Outer_Full	18.972	19.760	PASS
N7	15	20	CP-64QAM	H	Outer_Full	18.919	19.680	PASS
N7	15	20	CP-256QAM	H	Outer_Full	18.941	19.800	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

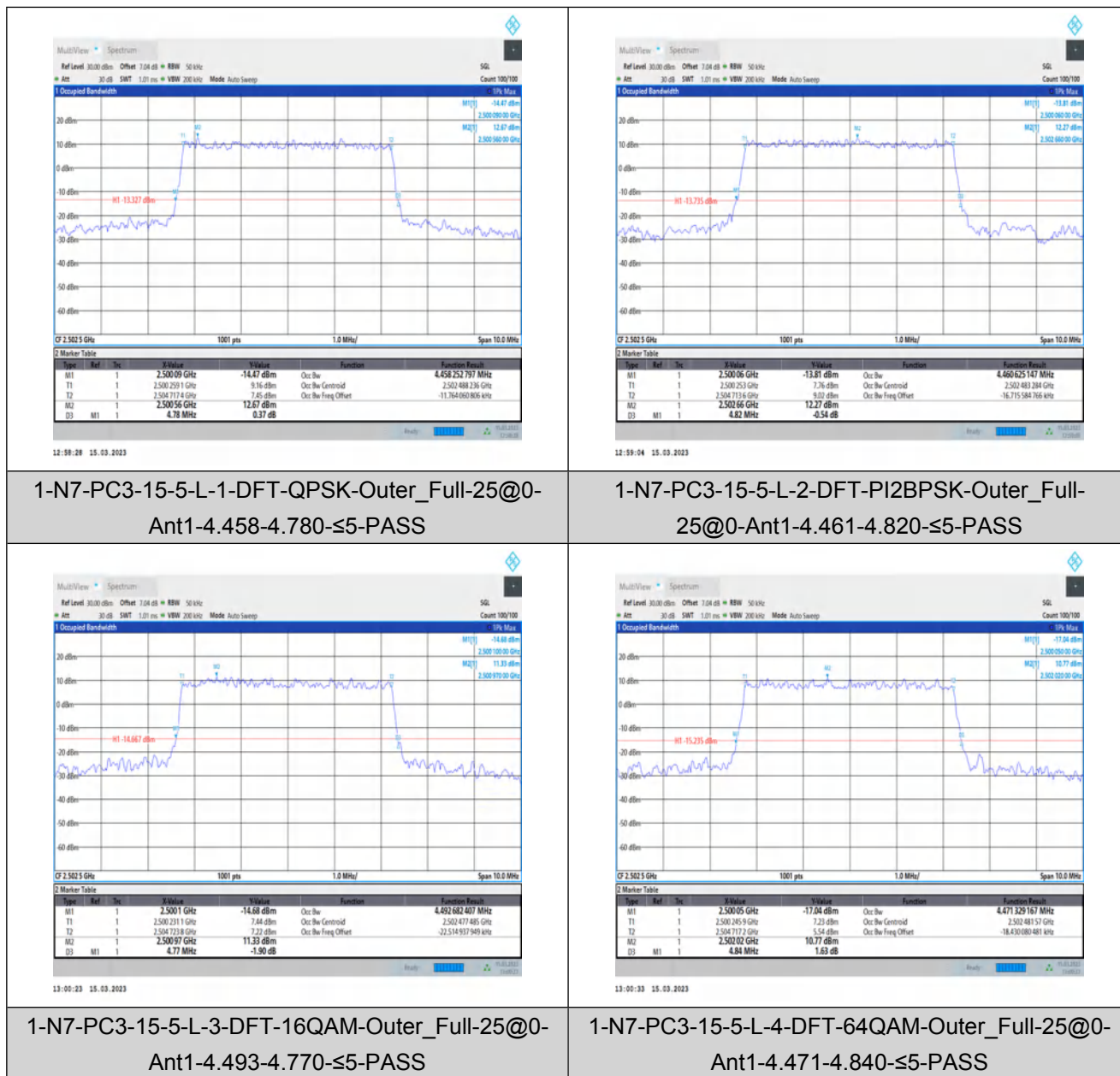
South of No. 6 Plant, No. 1, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02
Rev.: 01
Page: 16 of 75

Test Graphs



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 17 of 75



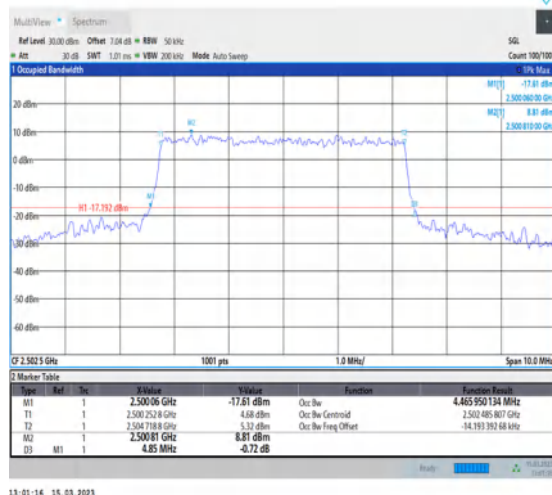
1-N7-PC3-15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.465-4.800-≤5-PASS



1-N7-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-4.465-4.870-≤5-PASS



1-N7-PC3-15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant1-4.469-4.850-≤5-PASS



1-N7-PC3-15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-4.466-4.850-≤5-PASS



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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 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号厂房南面 邮编：215000

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 18 of 75



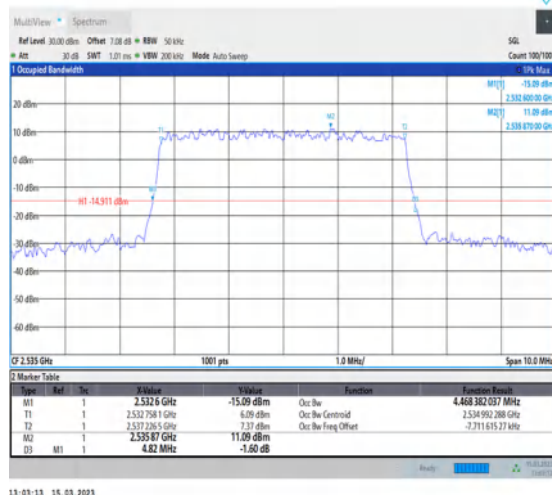
1-N7-PC3-15-5-L-9-CP-256QAM-Outer_Full-25@0-Ant1-4.47-4.800-≤5-PASS



1-N7-PC3-15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.463-4.830-≤5-PASS



1-N7-PC3-15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.453-4.790-≤5-PASS



1-N7-PC3-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.468-4.820-≤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, 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工业园区润胜路1号的6号厂房南面 邮编：215000

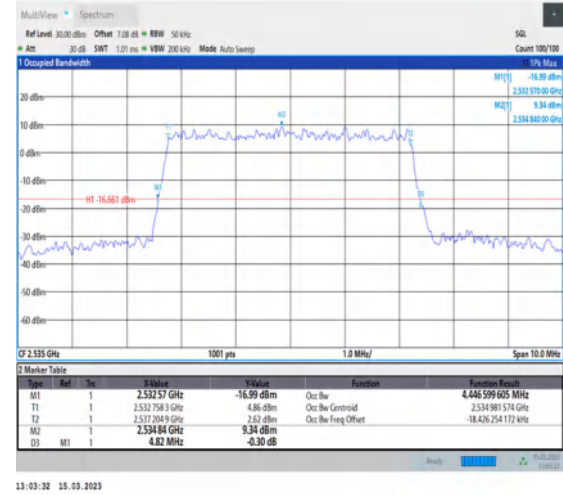
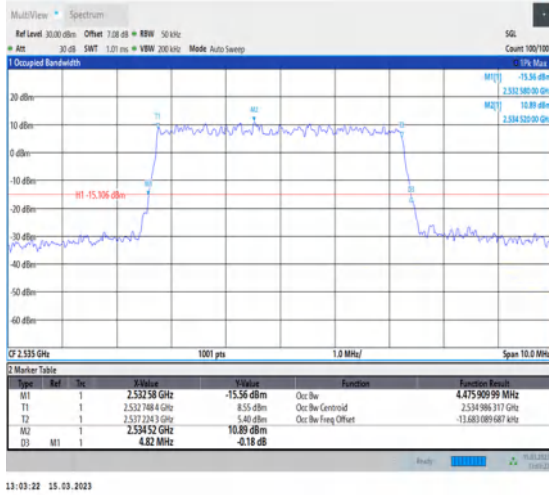
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

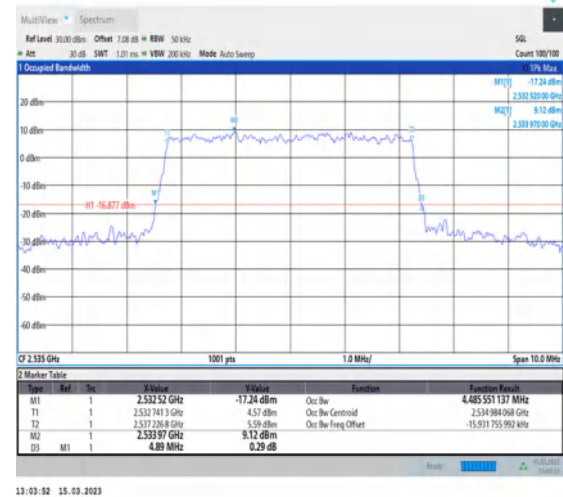
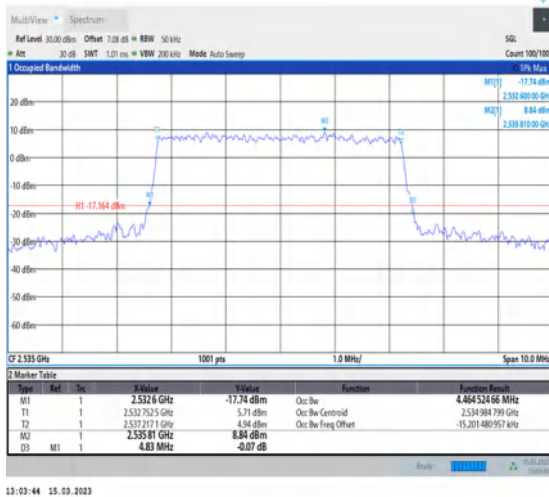
Rev.: 01

Page: 19 of 75



1-N7-PC3-15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.476-4.820-≤5-PASS

1-N7-PC3-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.447-4.820-≤5-PASS



1-N7-PC3-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.465-4.830-≤5-PASS

1-N7-PC3-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-4.486-4.890-≤5-PASS



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

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

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

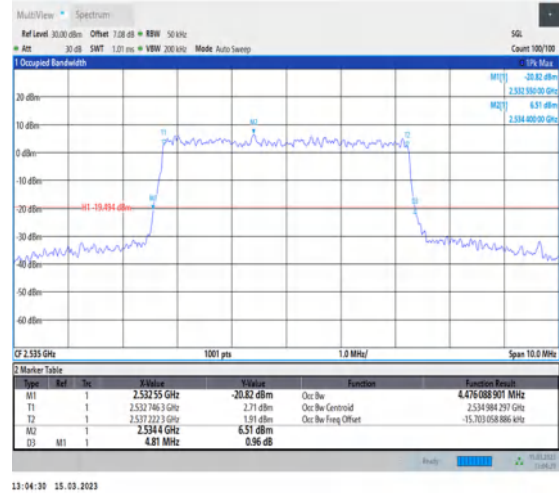
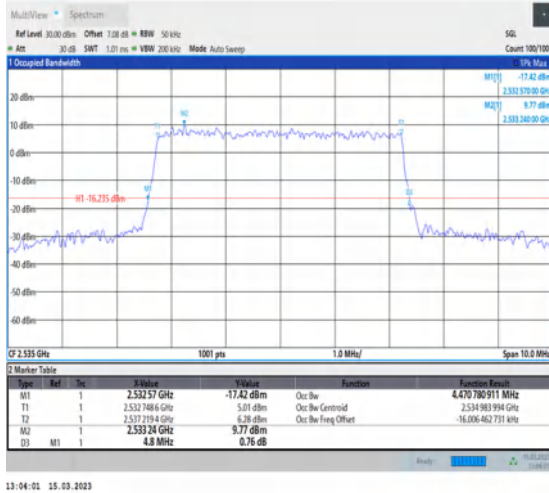
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

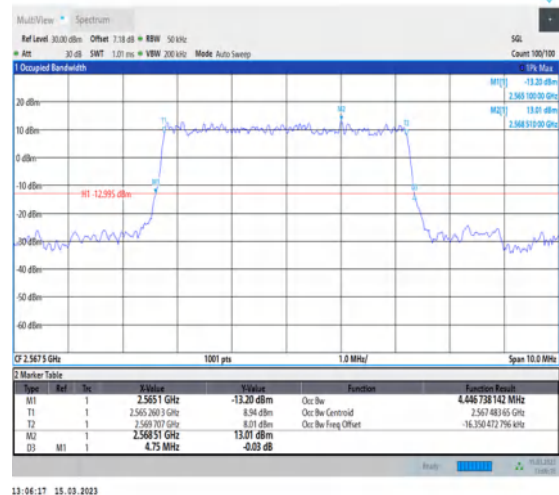
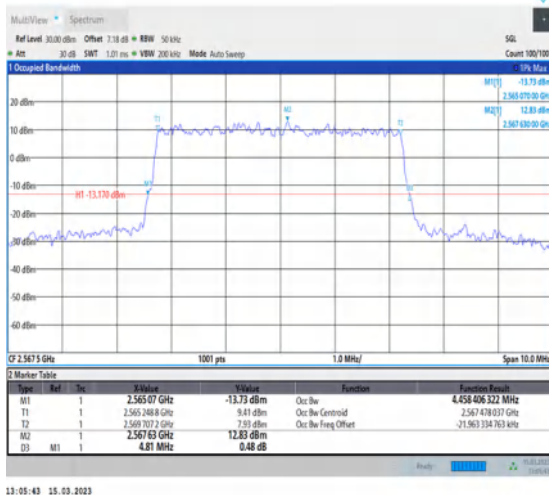
Rev.: 01

Page: 20 of 75



1-N7-PC3-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1-4.471-4.800-≤5-PASS

1-N7-PC3-15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant1-4.476-4.810-≤5-PASS



1-N7-PC3-15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.458-4.810-≤5-PASS

1-N7-PC3-15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.447-4.750-≤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

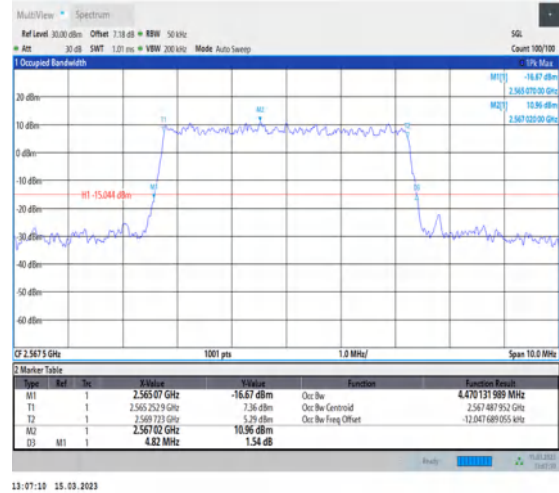
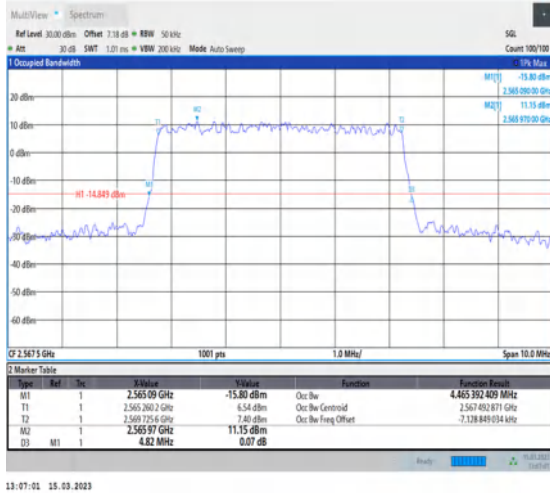
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

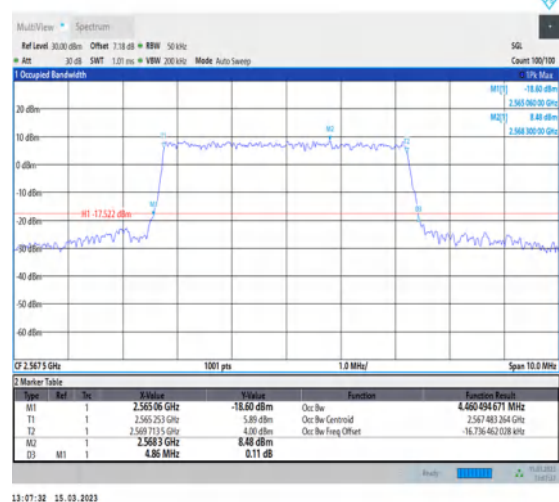
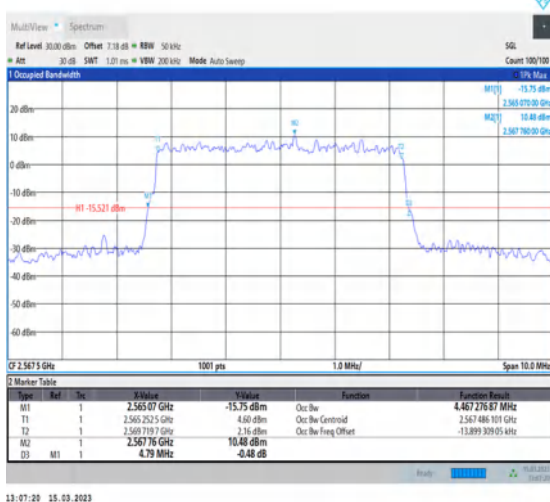
Rev.: 01

Page: 21 of 75



1-N7-PC3-15-5-H-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.465-4.820-≤5-PASS

1-N7-PC3-15-5-H-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.47-4.820-≤5-PASS



1-N7-PC3-15-5-H-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.467-4.790-≤5-PASS

1-N7-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-4.46-4.860-≤5-PASS



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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 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号厂房南面 邮编: 215000

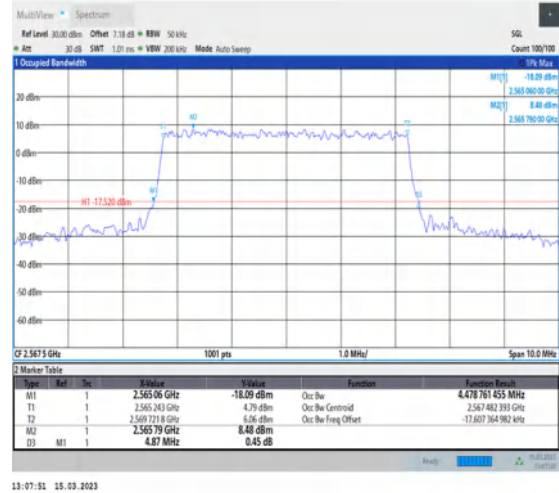
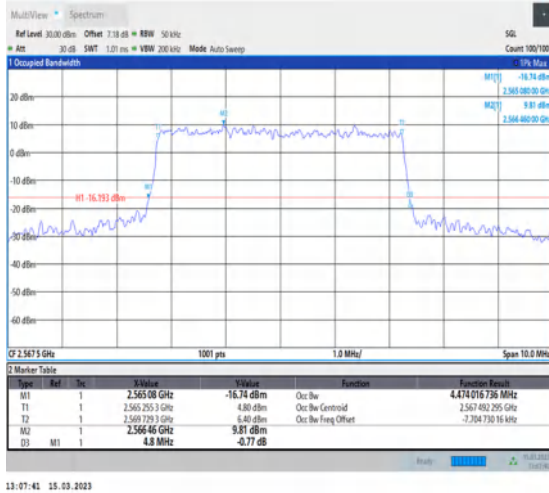
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

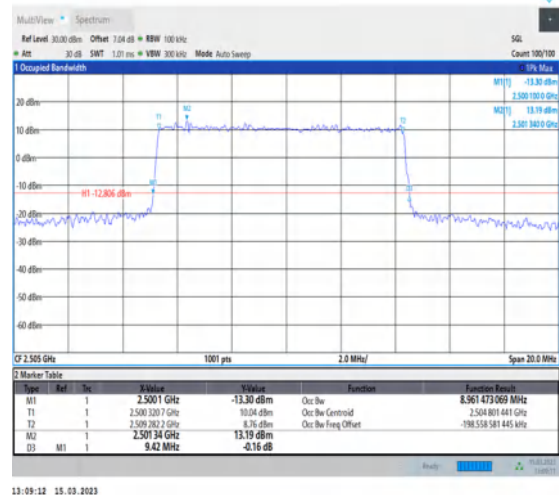
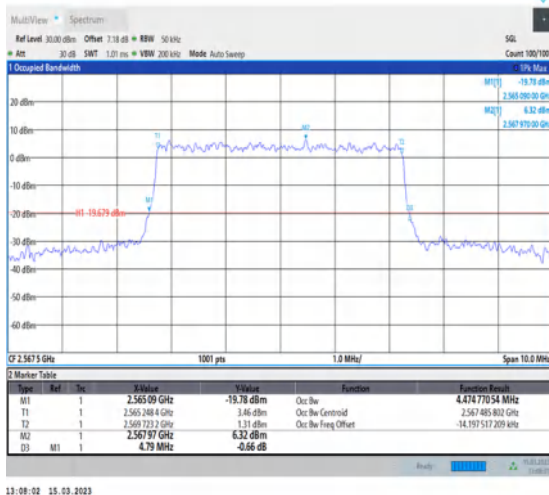
Rev.: 01

Page: 22 of 75



1-N7-PC3-15-5-H-7-CP-16QAM-Outer_Full-25@0-Ant1-4.474-4.800-≤5-PASS

1-N7-PC3-15-5-H-8-CP-64QAM-Outer_Full-25@0-Ant1-4.479-4.870-≤5-PASS



1-N7-PC3-15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant1-4.475-4.790-≤5-PASS

1-N7-PC3-15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.961-9.420-≤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号厂房南面 邮编：215000

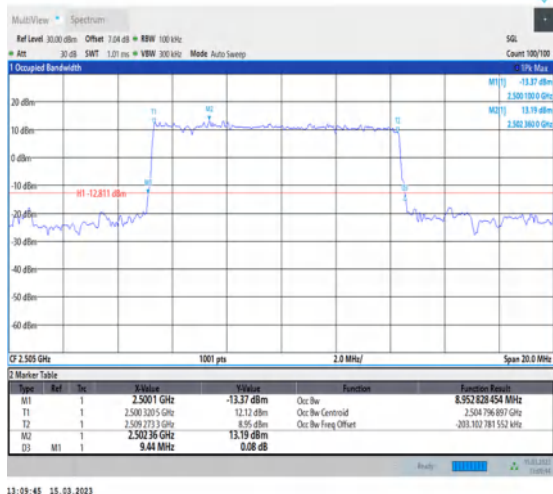
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 23 of 75



13:09:45 15.03.2023

1-N7-PC3-15-10-L-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.953-9.440-≤10-PASS



13:10:17 15.03.2023

1-N7-PC3-15-10-L-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.95-9.380-≤10-PASS



13:10:26 15.03.2023

1-N7-PC3-15-10-L-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.933-9.400-≤10-PASS



13:10:36 15.03.2023

1-N7-PC3-15-10-L-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.942-9.420-≤10-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained 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工业园区润胜路1号的6号厂房南面 邮编：215000

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

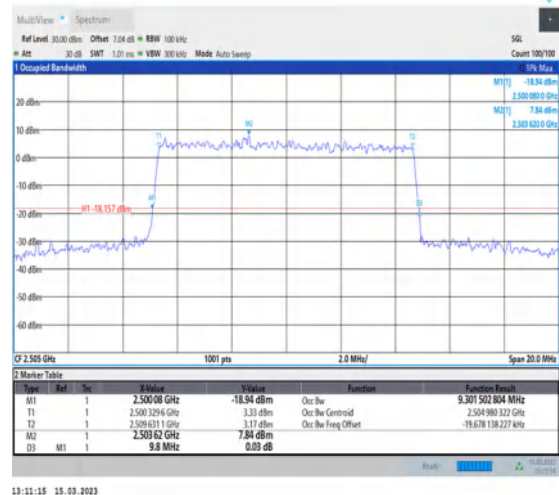
Rev.: 01

Page: 24 of 75



1-N7-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-9.296-9.780-≤10-PASS

1-N7-PC3-15-10-L-7-CP-16QAM-Outer_Full-52@0-Ant1-9.307-9.780-≤10-PASS



1-N7-PC3-15-10-L-8-CP-64QAM-Outer_Full-52@0-Ant1-9.293-9.740-≤10-PASS

1-N7-PC3-15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant1-9.302-9.800-≤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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02
Rev.: 01
Page: 25 of 75



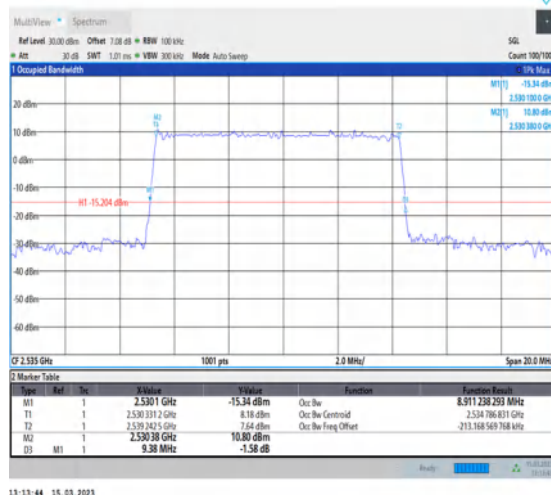
1-N7-PC3-15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.948-9.420-≤10-PASS



1-N7-PC3-15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.936-9.440-≤10-PASS



1-N7-PC3-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.922-9.380-≤10-PASS



1-N7-PC3-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.911-9.380-≤10-PASS



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

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

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

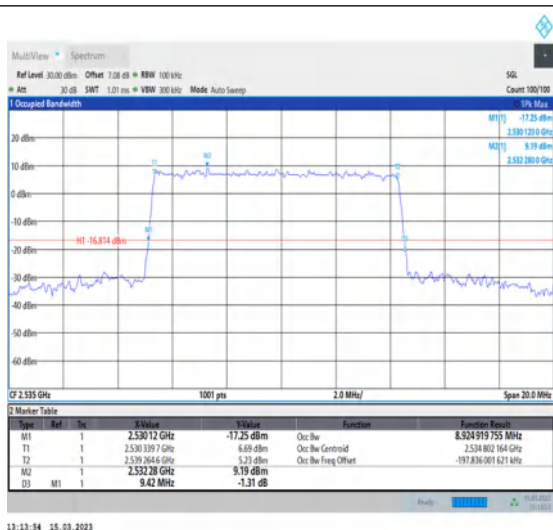
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

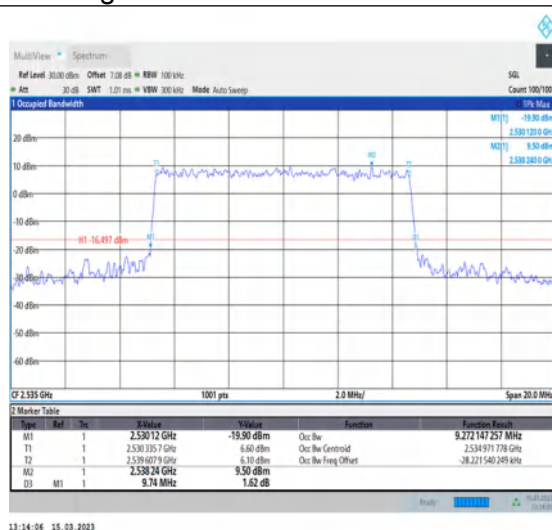
Report No.: SEWM2311000473RG02

Rev.: 01

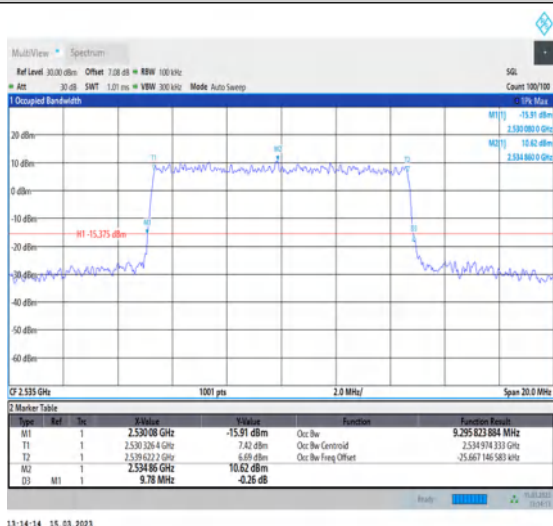
Page: 26 of 75



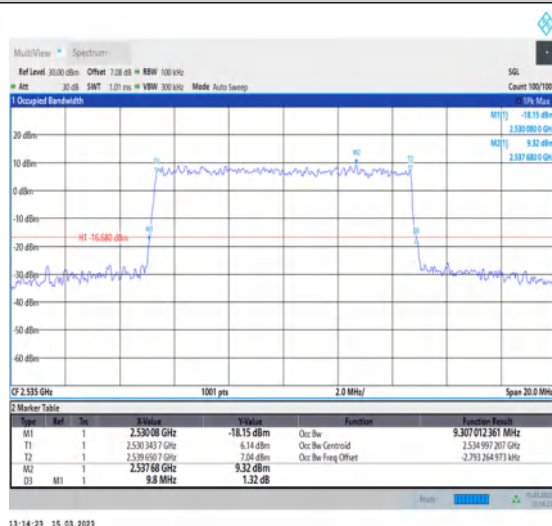
1-N7-PC3-15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.925-9.420-≤10-PASS



1-N7-PC3-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-9.272-9.740-≤10-PASS



1-N7-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-9.296-9.780-≤10-PASS



1-N7-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-9.307-9.800-≤10-PASS



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

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> 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工业园区润胜路1号的6号厂房南楼 邮编：215000

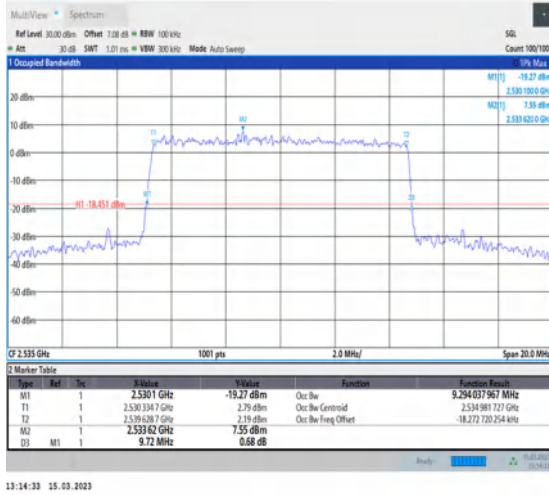
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

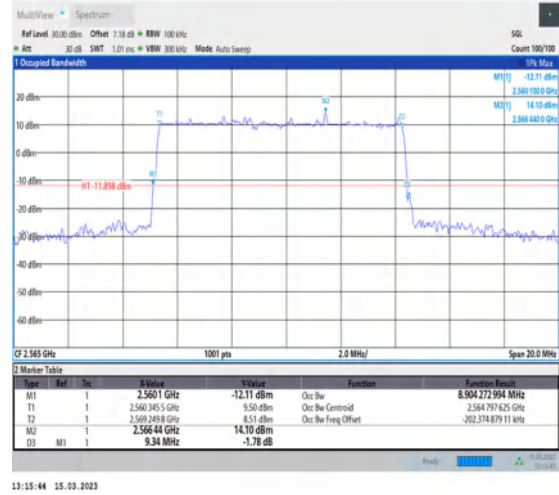
Rev.: 01

Page: 27 of 75



13:14:33 15.03.2023

1-N7-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant1-9.294-9.720-≤10-PASS



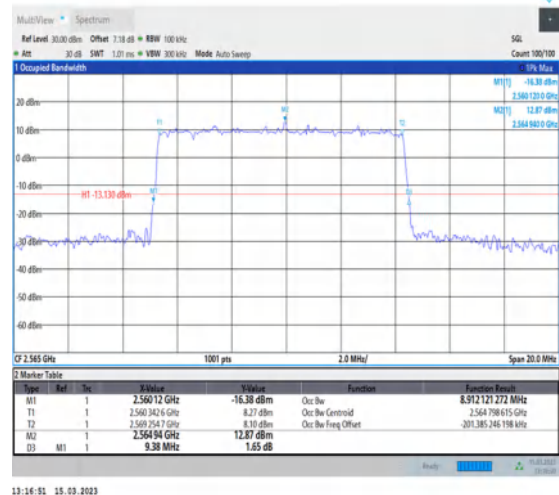
13:15:44 15.03.2023

1-N7-PC3-15-10-H-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.904-9.340-≤10-PASS



13:16:18 15.03.2023

1-N7-PC3-15-10-H-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.925-9.360-≤10-PASS



13:16:51 15.03.2023

1-N7-PC3-15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.912-9.380-≤10-PASS



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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 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工业园区润胜路1号的6号厂房南面 邮编: 215000

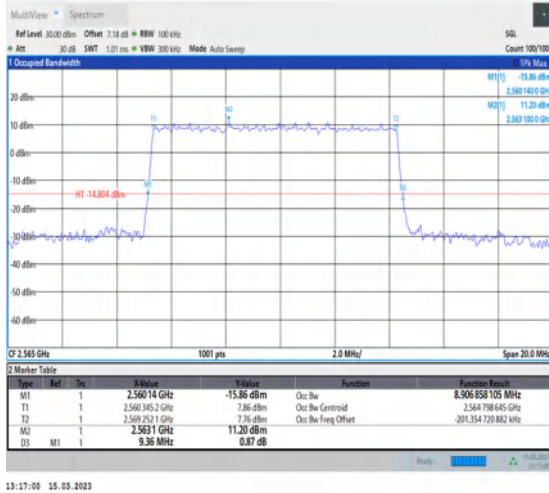
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

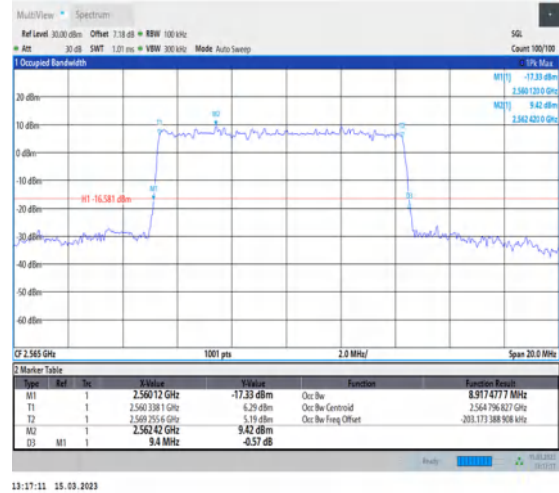
Rev.: 01

Page: 28 of 75



13:17:00 15.03.2023

1-N7-PC3-15-10-H-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.907-9.360-≤10-PASS



13:17:11 15.03.2023

1-N7-PC3-15-10-H-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.917-9.400-≤10-PASS



13:17:23 15.03.2023

1-N7-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-9.271-9.780-≤10-PASS



13:17:31 15.03.2023

1-N7-PC3-15-10-H-7-CP-16QAM-Outer_Full-52@0-Ant1-9.312-9.780-≤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.

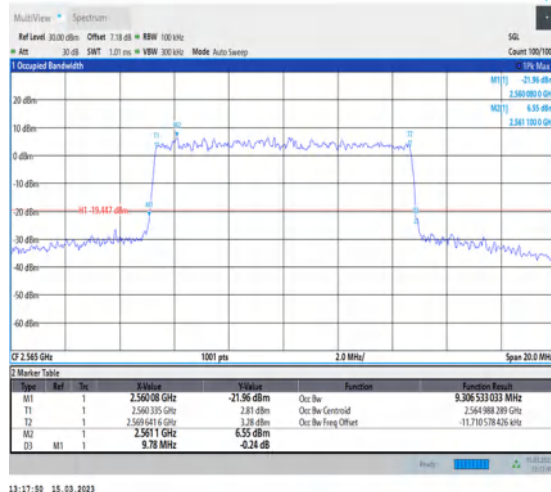
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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工业园区润胜路1号的6号厂房南面 邮编：215000

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02
Rev.: 01
Page: 29 of 75



1-N7-PC3-15-10-H-8-CP-64QAM-Outer_Full-52@0-Ant1-9.275-9.800-≤10-PASS

1-N7-PC3-15-10-H-9-CP-256QAM-Outer_Full-52@0-Ant1-9.307-9.780-≤10-PASS



1-N7-PC3-15-15-L-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.466-14.160-≤15-PASS

1-N7-PC3-15-15-L-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.441-14.070-≤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工业园区润胜路1号的6号厂房南面 邮编：215000

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 30 of 75



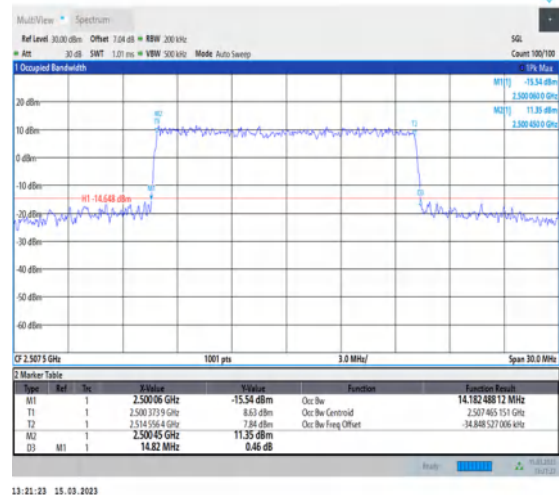
1-N7-PC3-15-15-L-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.457-14.070-≤15-PASS



1-N7-PC3-15-15-L-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.451-14.040-≤15-PASS



1-N7-PC3-15-15-L-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.448-14.130-≤15-PASS



1-N7-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-14.182-14.820-≤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, 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工业园区润胜路1号的6号厂房南面 邮编：215000

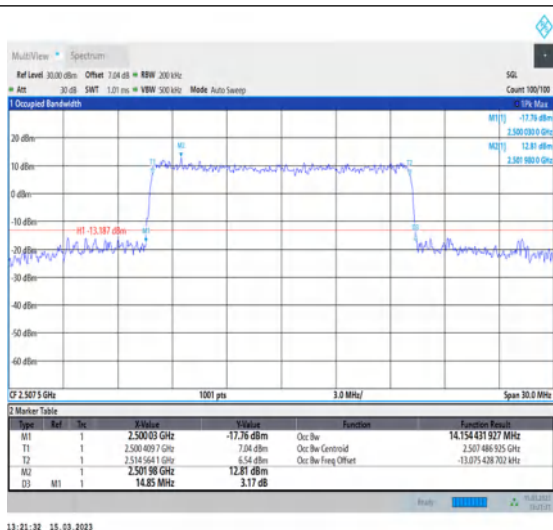
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

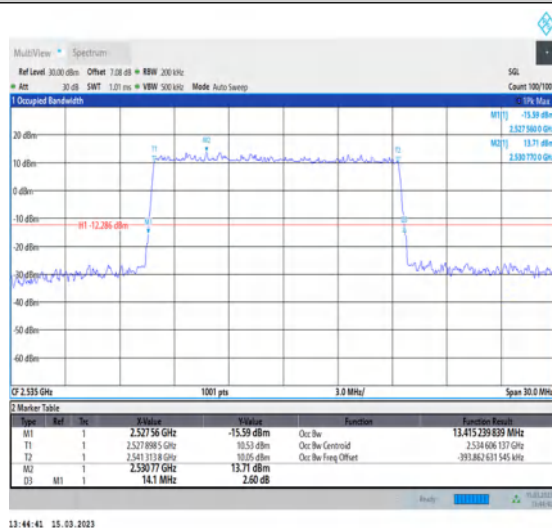
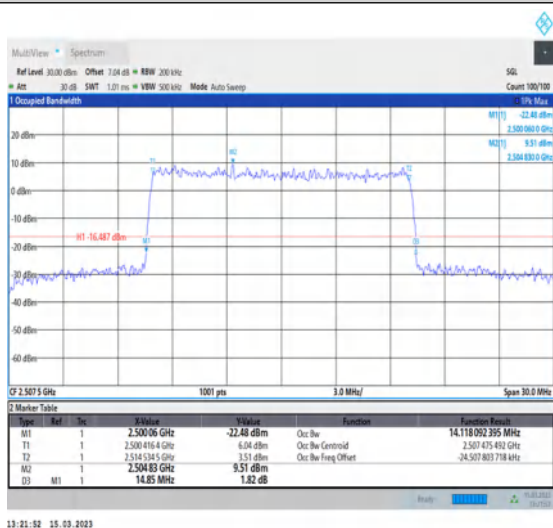
Rev.: 01

Page: 31 of 75



1-N7-PC3-15-15-L-7-CP-16QAM-Outer_Full-79@0-Ant1-14.154-14.850-≤15-PASS

1-N7-PC3-15-15-L-8-CP-64QAM-Outer_Full-79@0-Ant1-14.153-15.120-≤15-PASS



1-N7-PC3-15-15-L-9-CP-256QAM-Outer_Full-79@0-Ant1-14.118-14.850-≤15-PASS

1-N7-PC3-15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.415-14.100-≤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号厂房南面 邮编: 215000

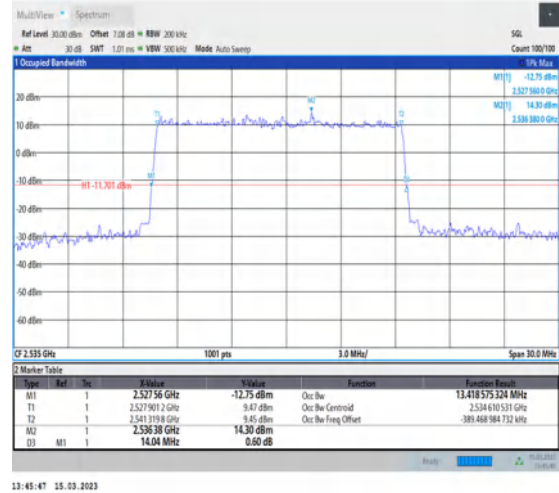
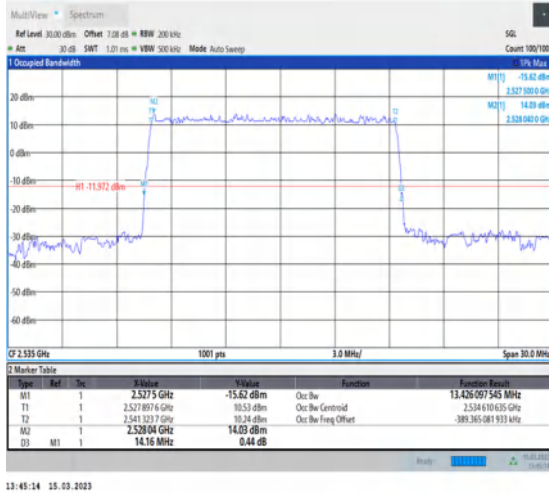
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

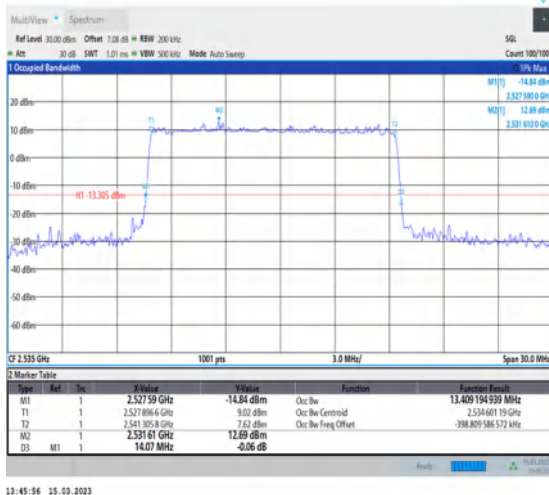
Rev.: 01

Page: 32 of 75



1-N7-PC3-15-15-M-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.426-14.160-≤15-PASS

1-N7-PC3-15-15-M-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.419-14.040-≤15-PASS



1-N7-PC3-15-15-M-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.409-14.070-≤15-PASS

1-N7-PC3-15-15-M-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.412-14.070-≤15-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained 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工业园区润胜路1号的6号厂房南面 邮编：215000

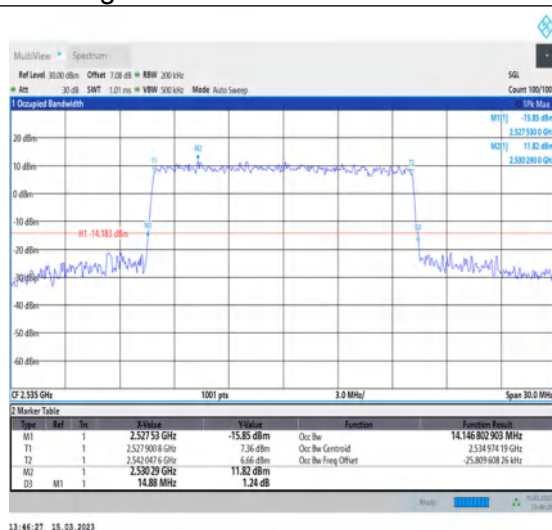
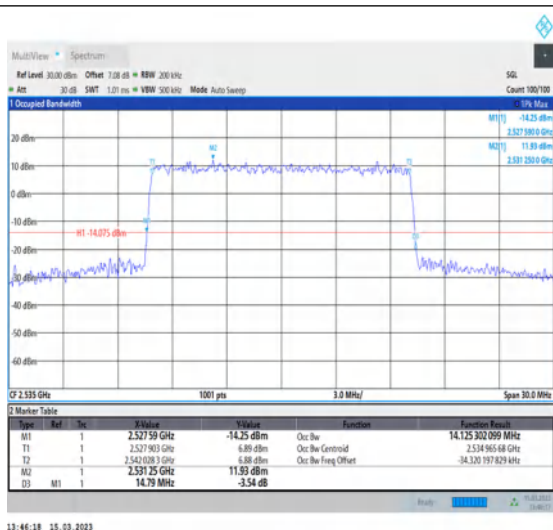
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

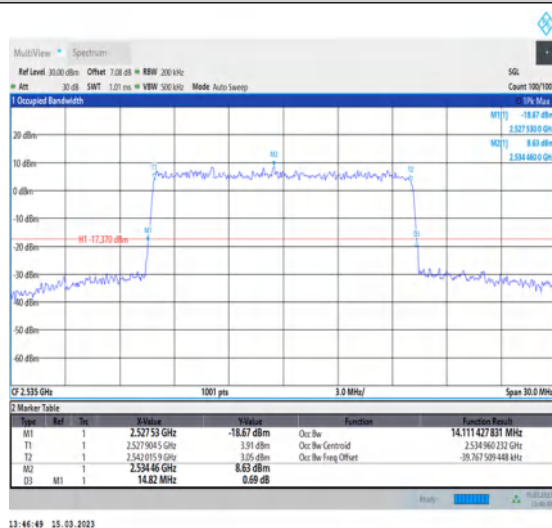
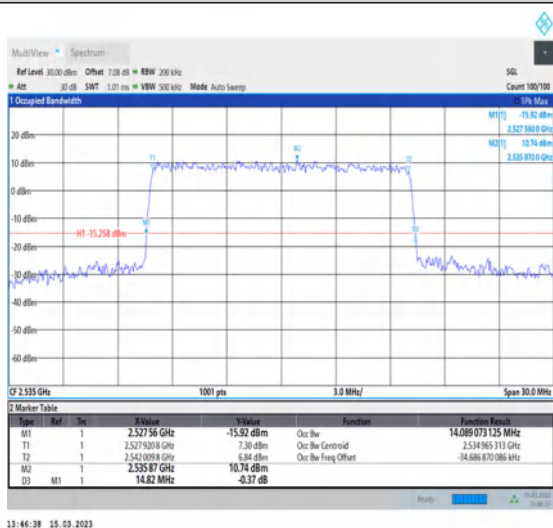
Rev.: 01

Page: 33 of 75



1-N7-PC3-15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant1-14.125-14.790-≤15-PASS

1-N7-PC3-15-15-M-7-CP-16QAM-Outer_Full-79@0-Ant1-14.147-14.880-≤15-PASS



1-N7-PC3-15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant1-14.089-14.820-≤15-PASS

1-N7-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant1-14.111-14.820-≤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, 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工业园区润胜路1号的6号厂房南面 邮编：215000

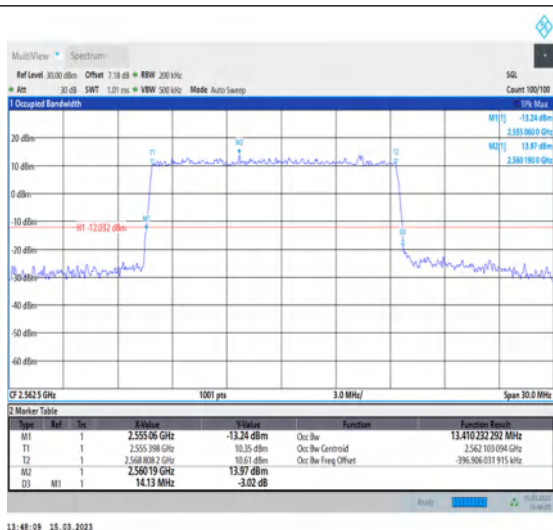
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

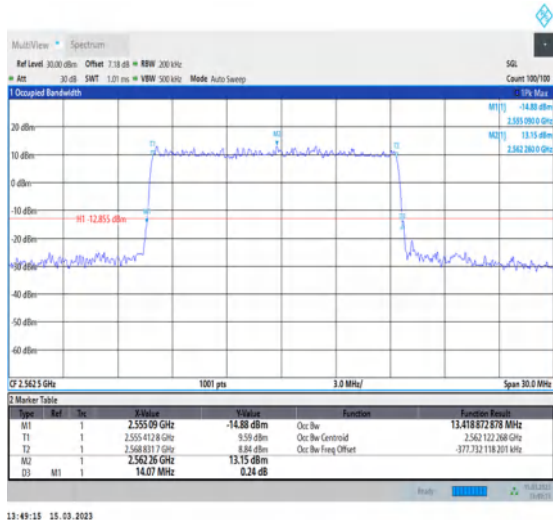
Page: 34 of 75



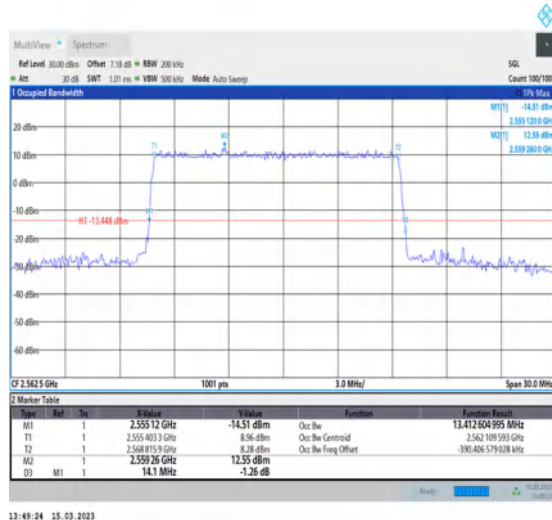
1-N7-PC3-15-15-H-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.41-14.130-≤15-PASS



1-N7-PC3-15-15-H-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.407-14.100-≤15-PASS



1-N7-PC3-15-15-H-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.419-14.070-≤15-PASS



1-N7-PC3-15-15-H-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.413-14.100-≤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号厂房南面 邮编：215000

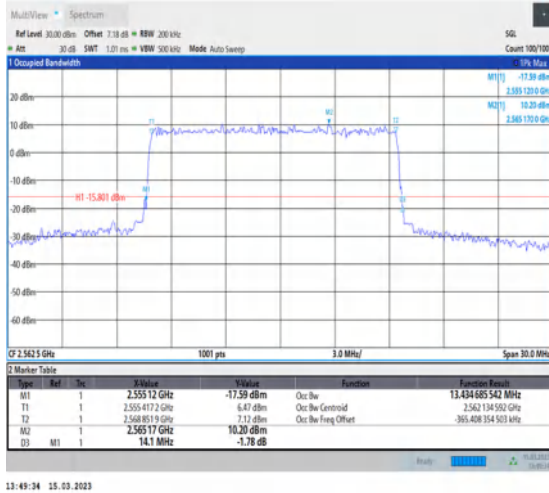
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

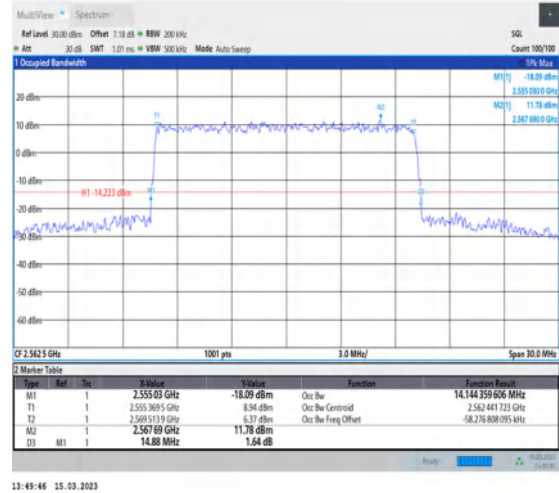
Rev.: 01

Page: 35 of 75



13:49:34 15.03.2023

1-N7-PC3-15-15-H-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.435-14.100-≤15-PASS



13:49:46 15.03.2023

1-N7-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-14.144-14.880-≤15-PASS



13:49:54 15.03.2023

1-N7-PC3-15-15-H-7-CP-16QAM-Outer_Full-79@0-Ant1-14.108-14.760-≤15-PASS



13:50:03 15.03.2023

1-N7-PC3-15-15-H-8-CP-64QAM-Outer_Full-79@0-Ant1-14.112-14.760-≤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号厂房南面 邮编：215000

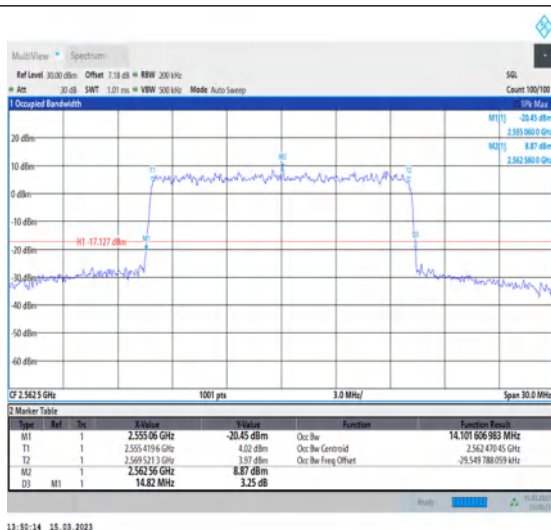
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

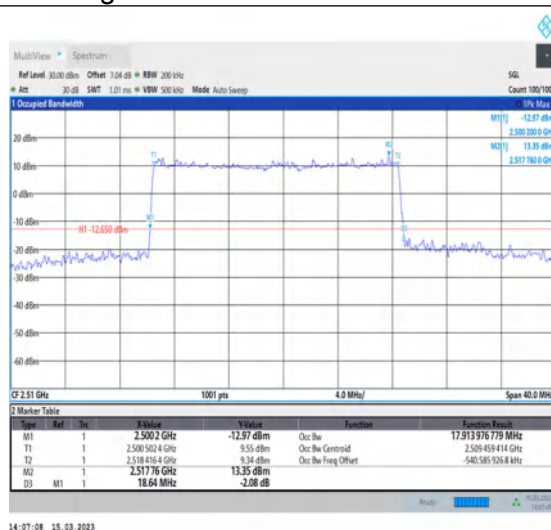
Report No.: SEWM2311000473RG02

Rev.: 01

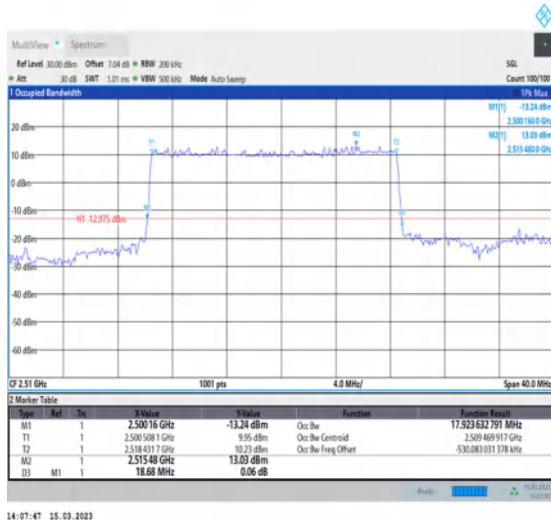
Page: 36 of 75



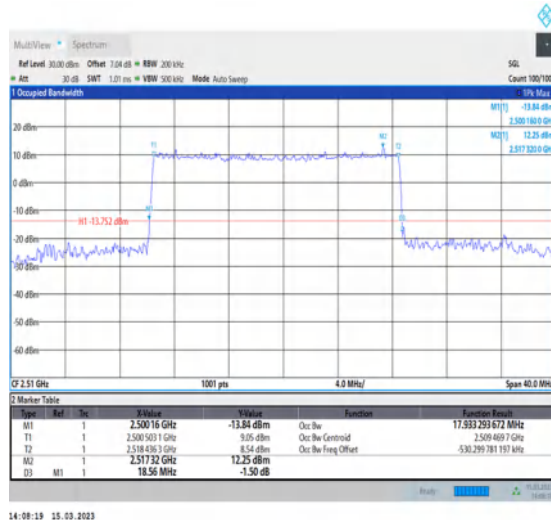
1-N7-PC3-15-15-H-9-CP-256QAM-Outer_Full-79@0-Ant1-14.102-14.820-≤15-PASS



1-N7-PC3-15-20-L-1-DFT-QPSK-Outer_Full-100@0-Ant1-17.914-18.640-≤20-PASS



1-N7-PC3-15-20-L-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.924-18.680-≤20-PASS



1-N7-PC3-15-20-L-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.933-18.560-≤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号厂房南面 邮编：215000

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

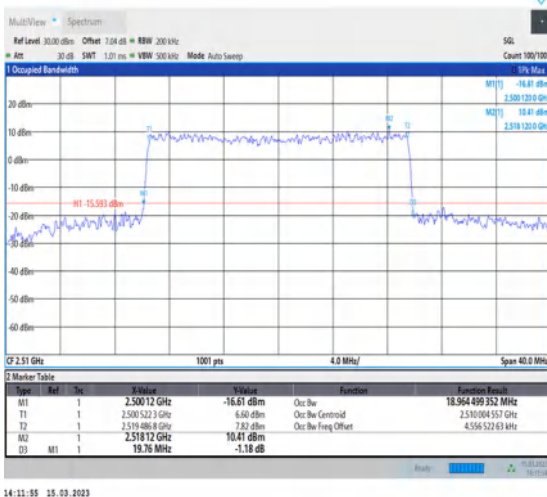
Page: 37 of 75



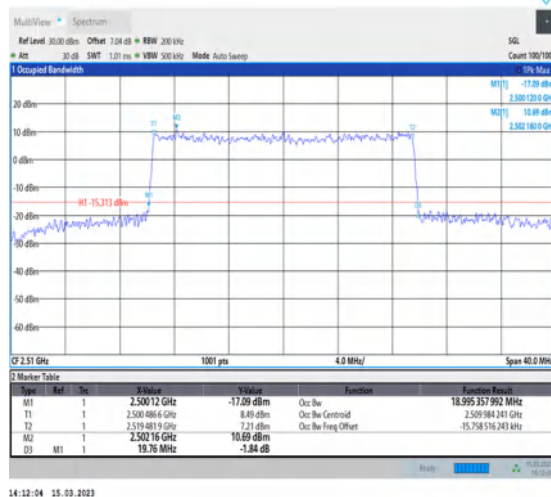
1-N7-PC3-15-20-L-4-DFT-64QAM-Outer_Full-100@0-Ant1-39.617-40.000-≤20-PASS



1-N7-PC3-15-20-L-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.942-18.760-≤20-PASS



1-N7-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-18.964-19.760-≤20-PASS



1-N7-PC3-15-20-L-7-CP-16QAM-Outer_Full-106@0-Ant1-18.995-19.760-≤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-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) Plot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000

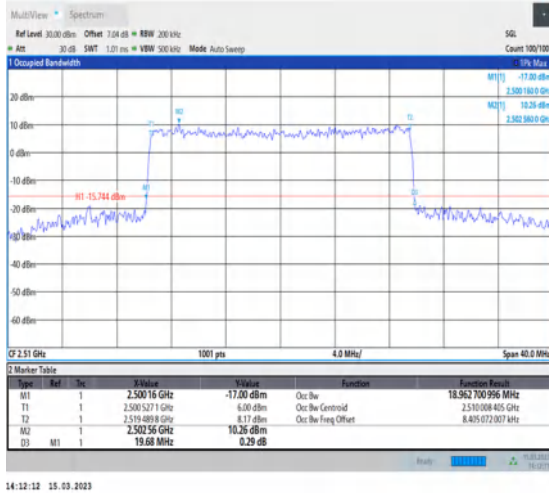
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

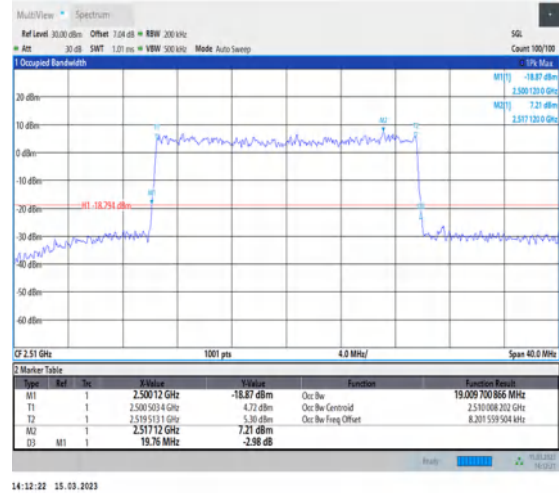
Report No.: SEWM2311000473RG02

Rev.: 01

Page: 38 of 75



1-N7-PC3-15-20-L-8-CP-64QAM-Outer_Full-106@0-Ant1-18.963-19.680-≤20-PASS



1-N7-PC3-15-20-L-9-CP-256QAM-Outer_Full-106@0-Ant1-19.01-19.760-≤20-PASS



1-N7-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@0-Ant1-17.866-18.560-≤20-PASS



1-N7-PC3-15-20-M-2-DFT-P12BPSK-Outer_Full-100@0-Ant1-17.836-18.560-≤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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

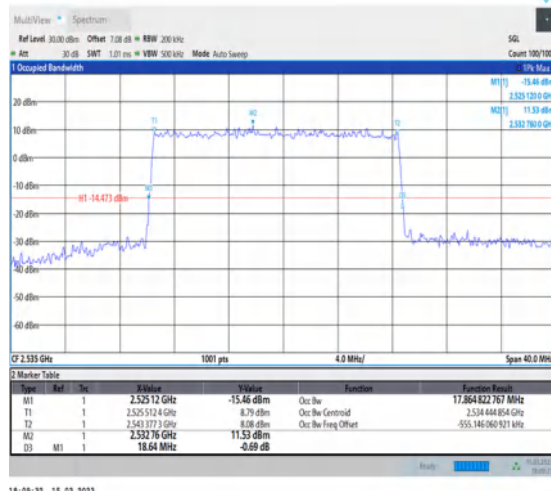
Rev.: 01

Page: 39 of 75



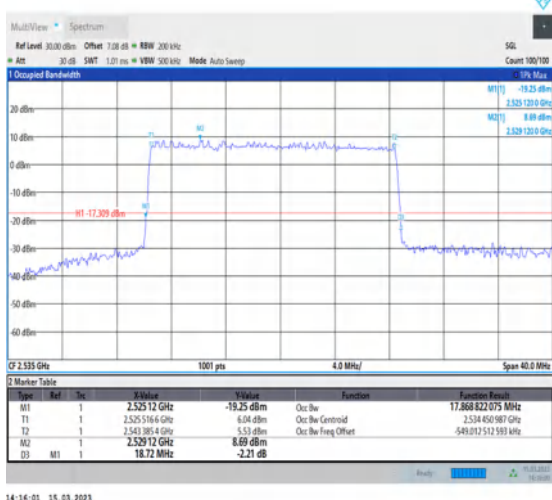
14:14:43 15.03.2023

1-N7-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.871-18.600-≤20-PASS



18:09:32 15.03.2023

1-N7-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.865-18.640-≤20-PASS



14:16:01 15.03.2023

1-N7-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.869-18.720-≤20-PASS



14:16:13 15.03.2023

1-N7-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant1-18.875-19.800-≤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-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) Plot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区工业园区润胜路1号的6号厂房南座 邮编：215000

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 40 of 75



14:14:22 15.03.2023

1-N7-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant1-18.934-19.800-≤20-PASS



14:16:31 15.03.2023

1-N7-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant1-18.959-19.840-≤20-PASS



14:14:51 15.03.2023

1-N7-PC3-15-20-M-9-CP-256QAM-Outer_Full-106@0-Ant1-18.96-19.720-≤20-PASS



14:18:13 15.03.2023

1-N7-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@0-Ant1-17.885-18.680-≤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工业园区润胜路1号的6号厂房南面 邮编：215000

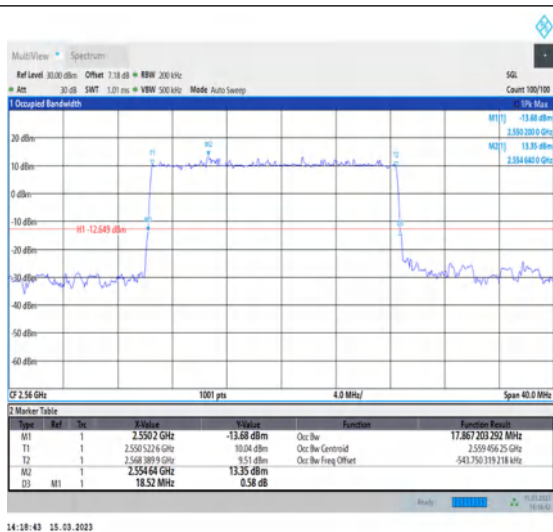
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

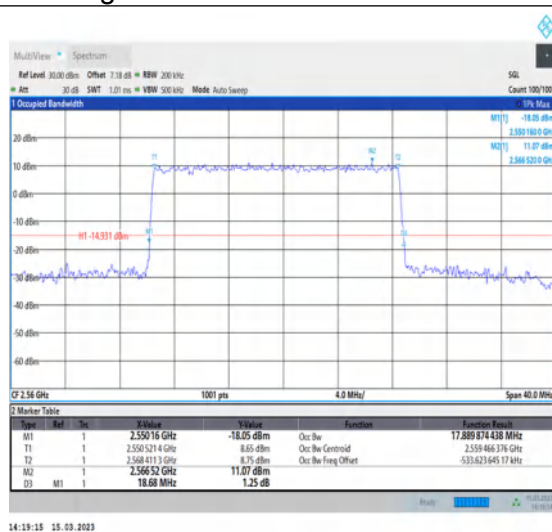
Report No.: SEWM2311000473RG02

Rev.: 01

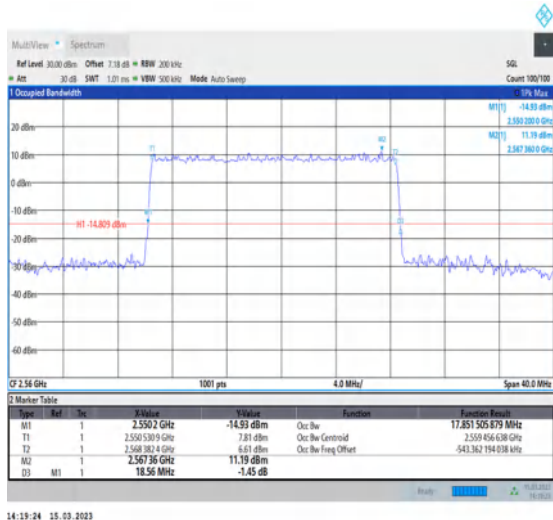
Page: 41 of 75



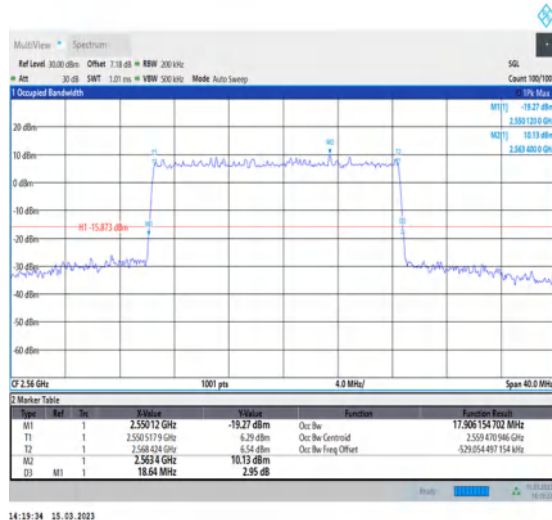
1-N7-PC3-15-20-H-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.867-18.520-≤20-PASS



1-N7-PC3-15-20-H-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.89-18.680-≤20-PASS



1-N7-PC3-15-20-H-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.852-18.560-≤20-PASS



1-N7-PC3-15-20-H-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.906-18.640-≤20-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained 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工业园区润胜路1号的6号厂房南楼 邮编：215000

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 42 of 75



1-N7-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-18.959-19.720-≤20-PASS

1-N7-PC3-15-20-H-7-CP-16QAM-Outer_Full-106@0-Ant1-18.972-19.760-≤20-PASS



1-N7-PC3-15-20-H-8-CP-64QAM-Outer_Full-106@0-Ant1-18.919-19.680-≤20-PASS

1-N7-PC3-15-20-H-9-CP-256QAM-Outer_Full-106@0-Ant1-18.941-19.800-≤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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

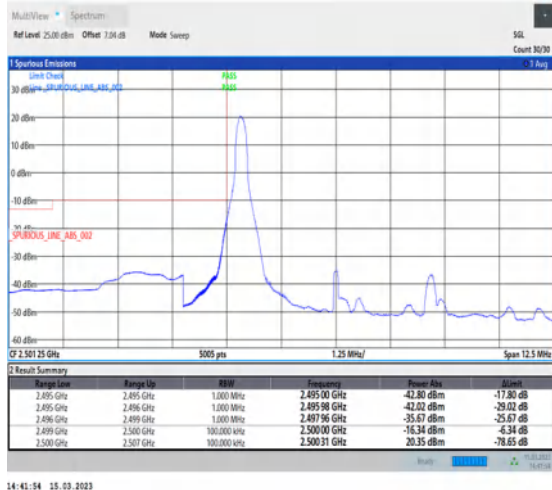
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02
Rev.: 01
Page: 43 of 75

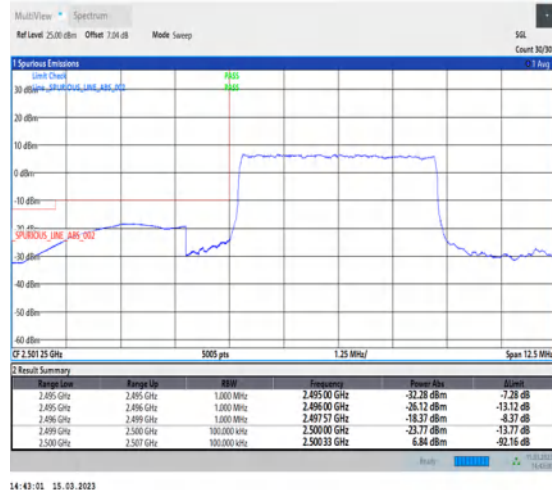
Band Edge for SA

Test Graphs



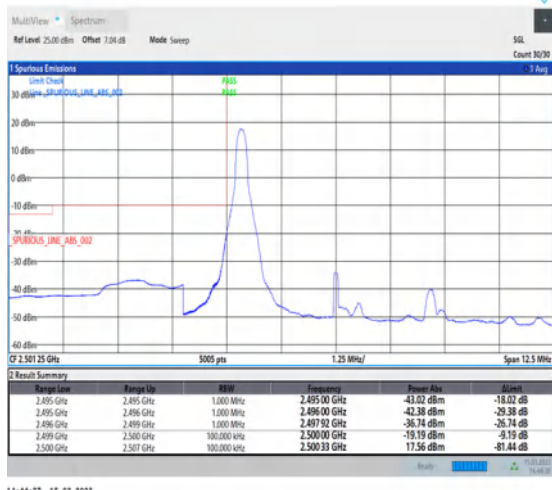
14:41:54 15.03.2023

1-N7-PC3-15-5-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



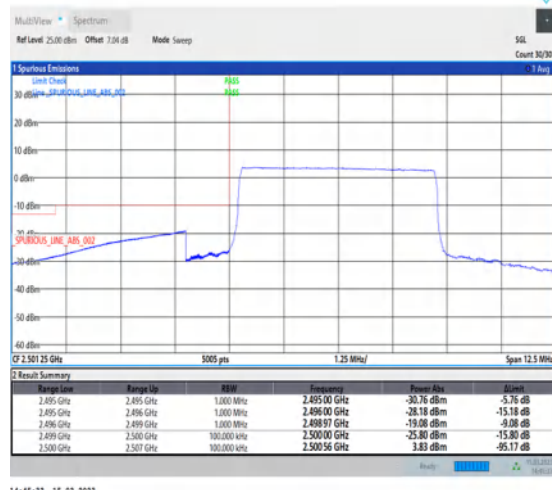
14:43:01 15.03.2023

1-N7-PC3-15-5-L-3-DFT-PI2BPSK-Outer_Full-25@0-Ant1-1--PASS-see graph



14:44:27 15.03.2023

1-N7-PC3-15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



14:45:33 15.03.2023

1-N7-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-1--PASS-see graph



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

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

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

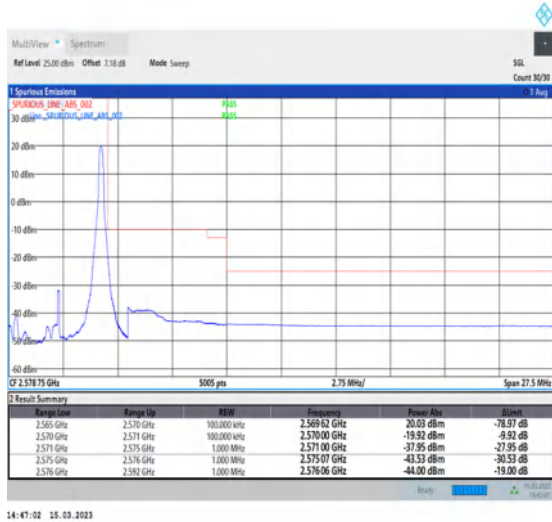
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

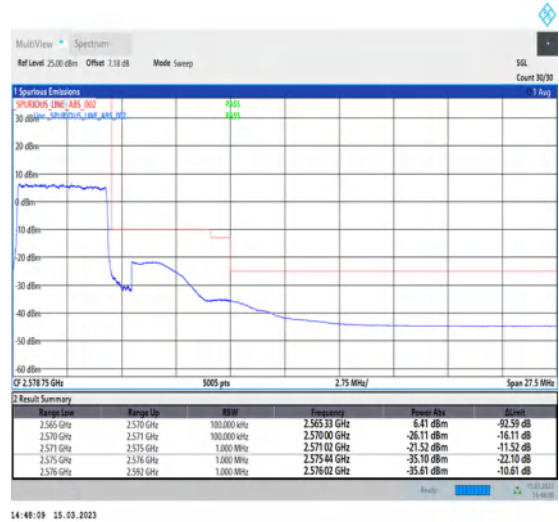
Rev.: 01

Page: 44 of 75



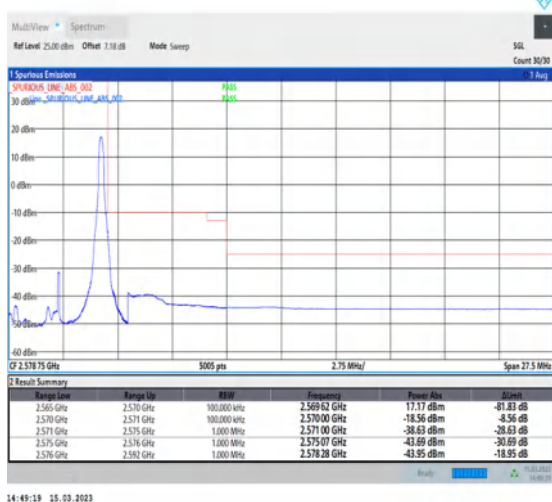
14:47:02 15.10.2023

1-N7-PC3-15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@24-Ant1-1--PASS-see graph



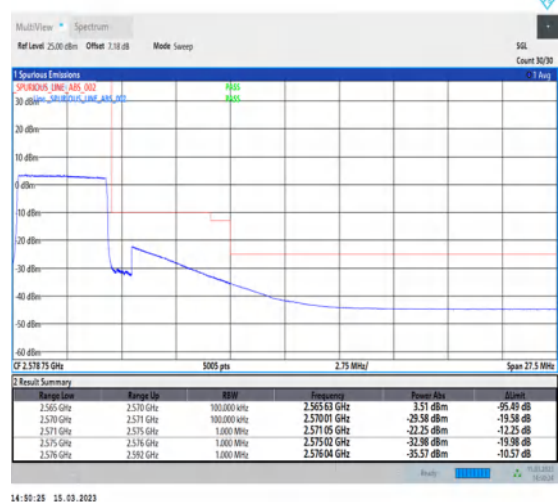
14:48:09 15.10.2023

1-N7-PC3-15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0-Ant1-1--PASS-see graph



14:49:19 15.10.2023

1-N7-PC3-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant1-1--PASS-see graph



14:50:25 15.10.2023

1-N7-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-1--PASS-see graph



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

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

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

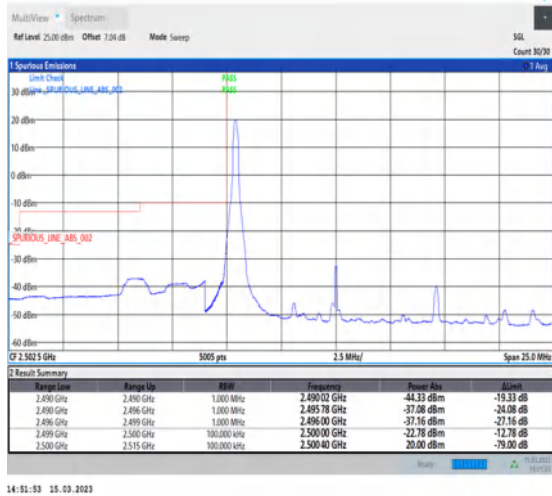
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

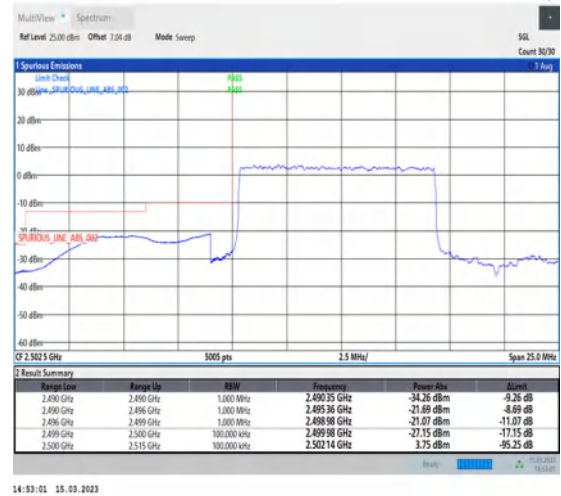
Report No.: SEWM2311000473RG02

Rev.: 01

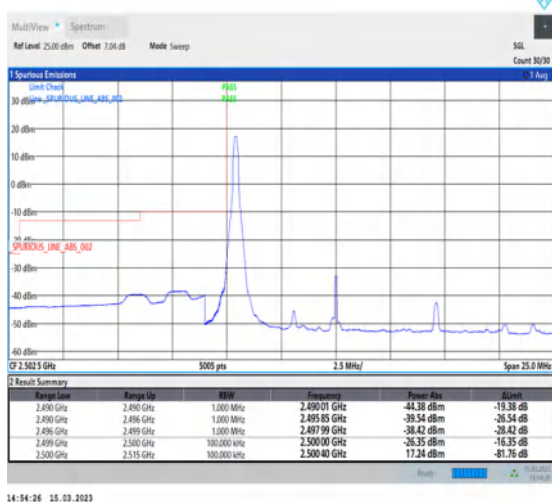
Page: 45 of 75



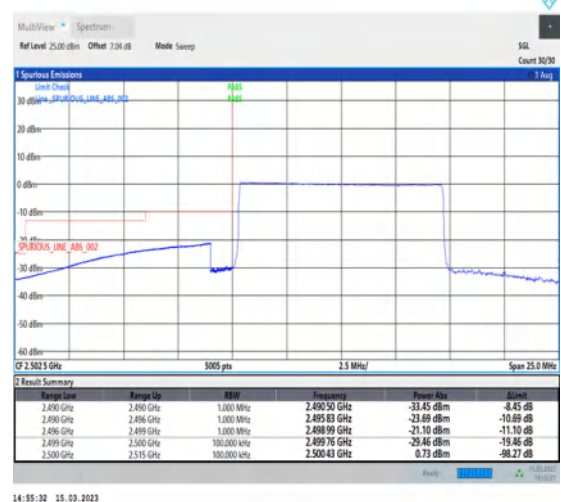
1-N7-PC3-15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N7-PC3-15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1--PASS-see graph



1-N7-PC3-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N7-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-1--PASS-see graph



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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 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号厂房南面 邮编：215000

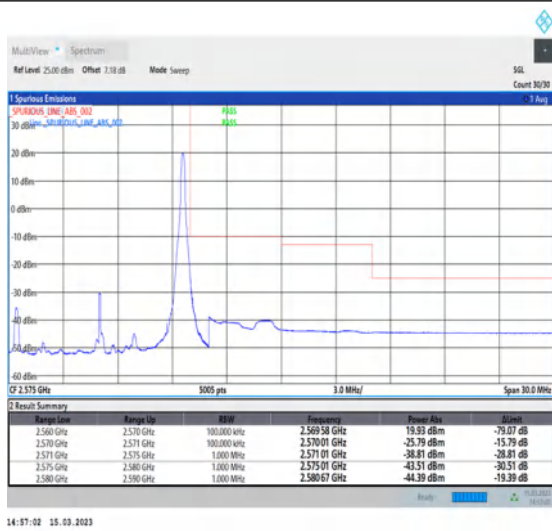
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

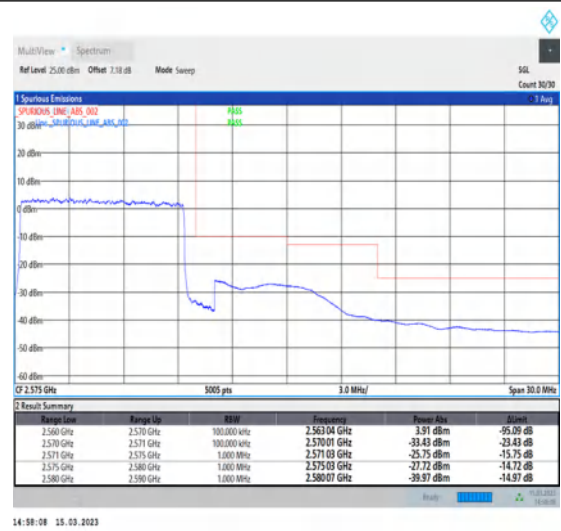
Report No.: SEWM2311000473RG02

Rev.: 01

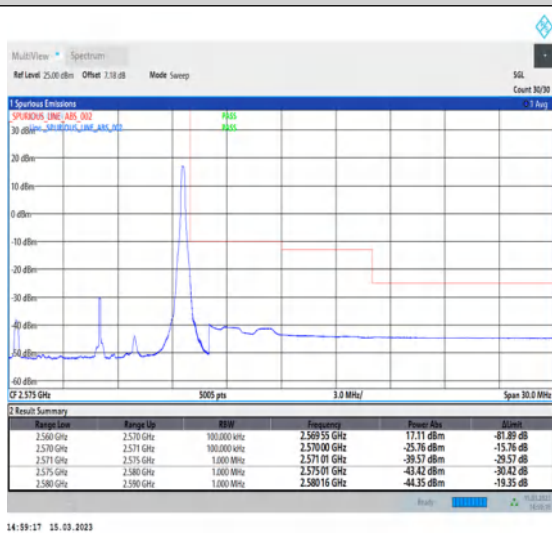
Page: 46 of 75



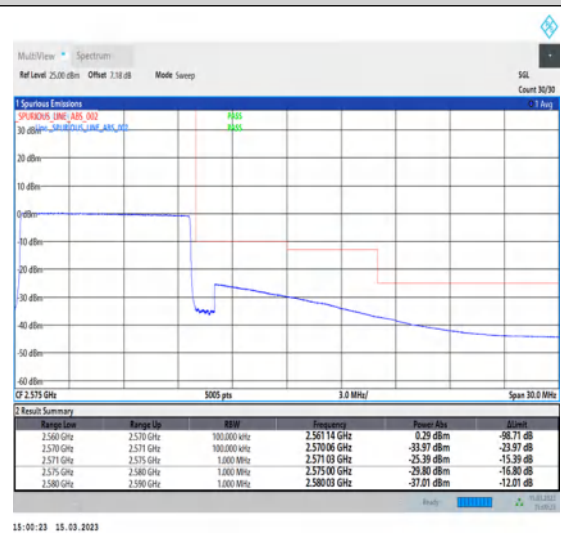
1-N7-PC3-15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@51-Ant1-1--PASS-see graph



1-N7-PC3-15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1--PASS-see graph



1-N7-PC3-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant1-1--PASS-see graph



1-N7-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-1--PASS-see graph



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

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

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

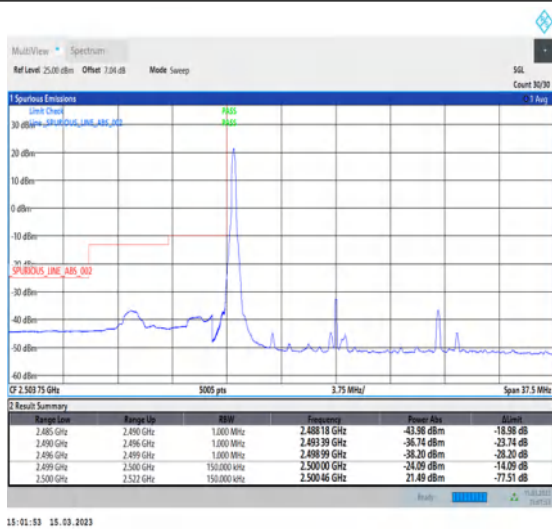
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

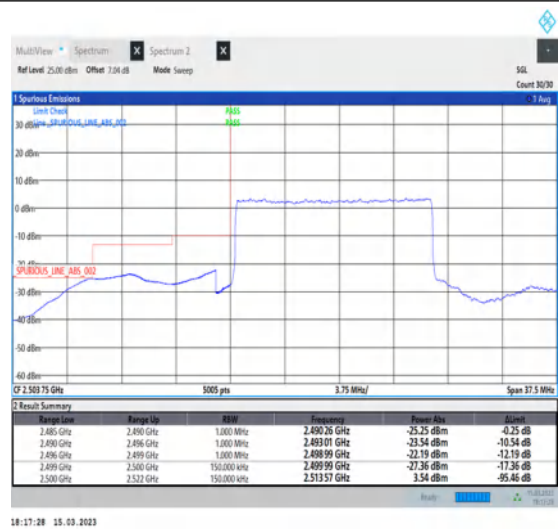
Rev.: 01

Page: 47 of 75



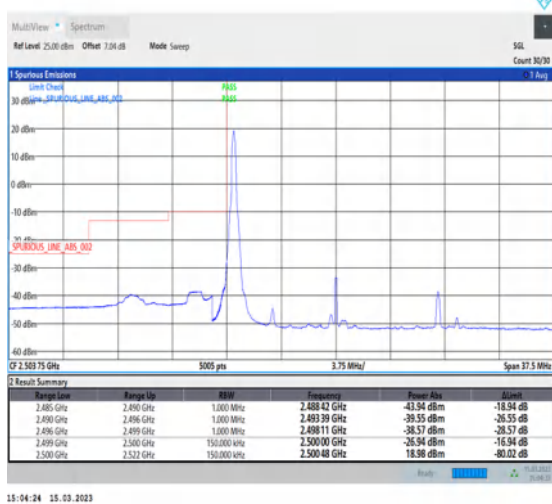
15-01-13 15-03-2023

1-N7-PC3-15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



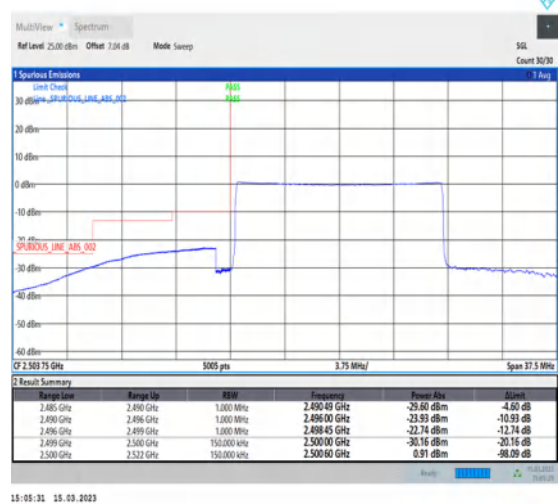
18-17-28 15-03-2023

1-N7-PC3-15-15-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1--PASS-see graph



15-04-24 15-03-2023

1-N7-PC3-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



15-05-31 15-03-2023

1-N7-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-1--PASS-see graph



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

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

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

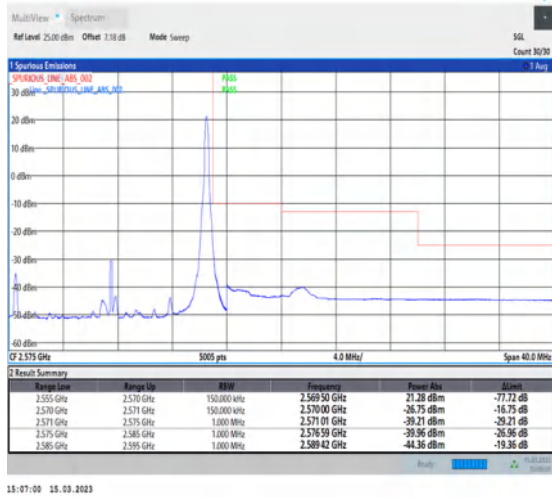
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

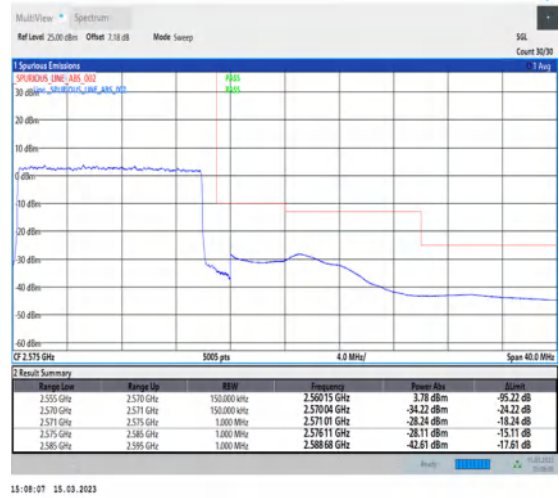
Report No.: SEWM2311000473RG02

Rev.: 01

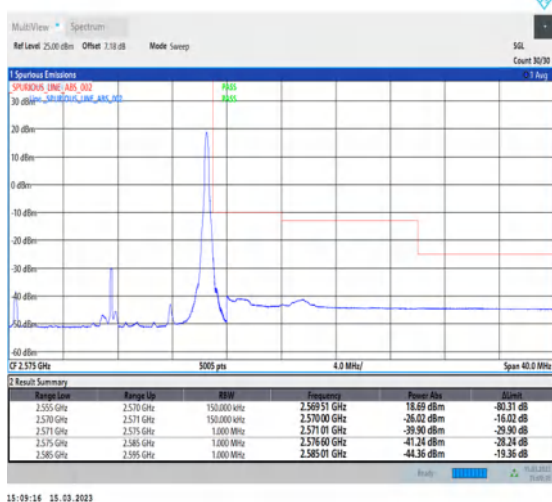
Page: 48 of 75



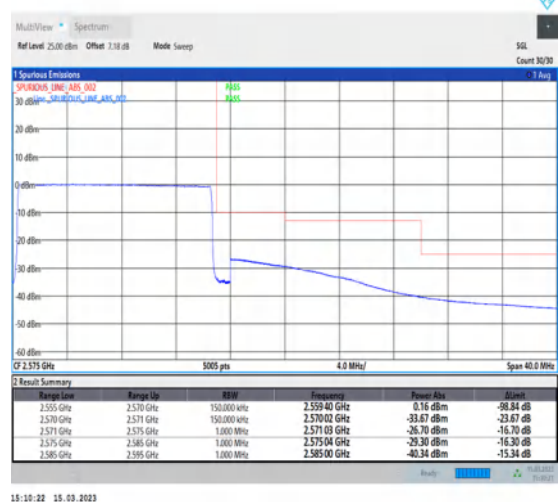
1-N7-PC3-15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@78-Ant1-1--PASS-see graph



1-N7-PC3-15-15-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1--PASS-see graph



1-N7-PC3-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant1-1--PASS-see graph



1-N7-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-1--PASS-see graph



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

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

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

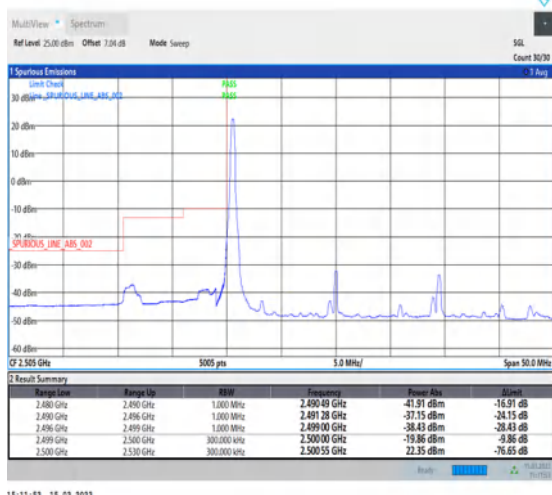
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

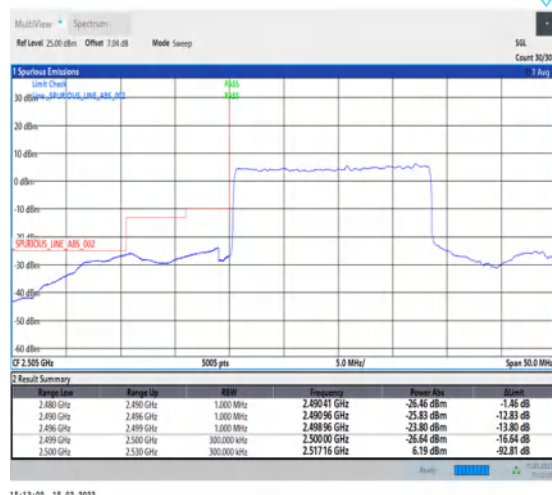
Rev.: 01

Page: 49 of 75



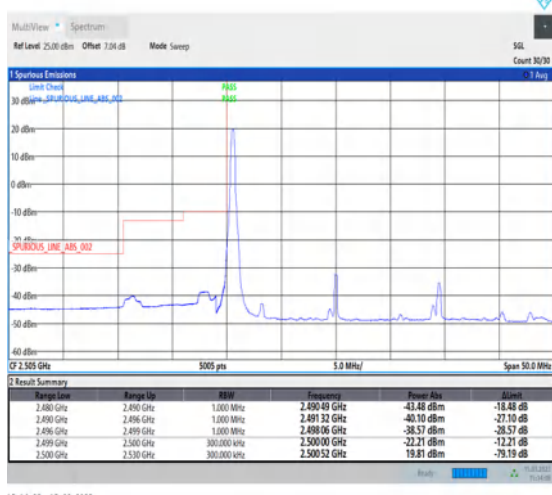
15:11:53 15.03.2023

1-N7-PC3-15-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



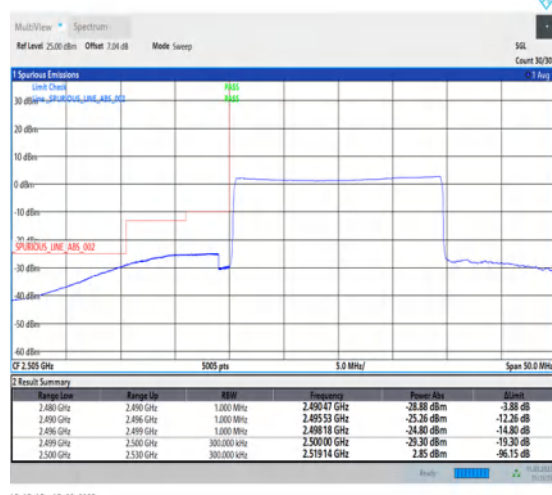
15:13:00 15.03.2023

1-N7-PC3-15-20-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1--PASS-see graph



15:14:08 15.03.2023

1-N7-PC3-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



15:15:15 15.03.2023

1-N7-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph



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

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

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

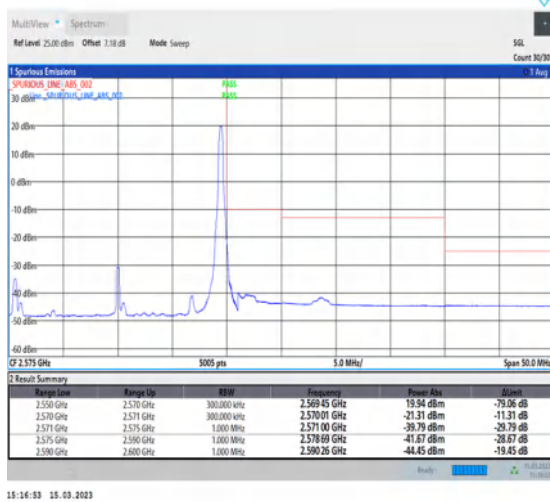
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

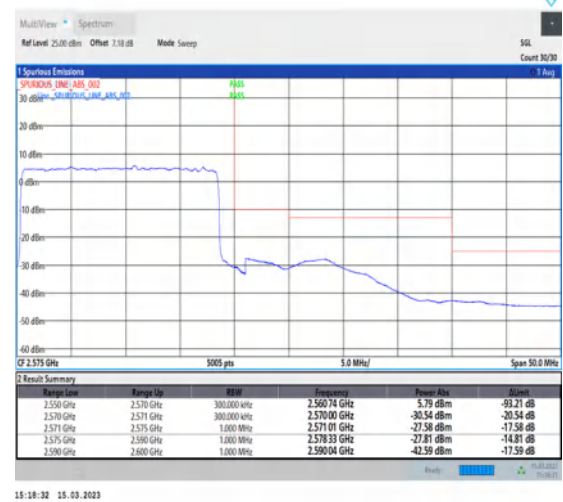
Report No.: SEWM2311000473RG02

Rev.: 01

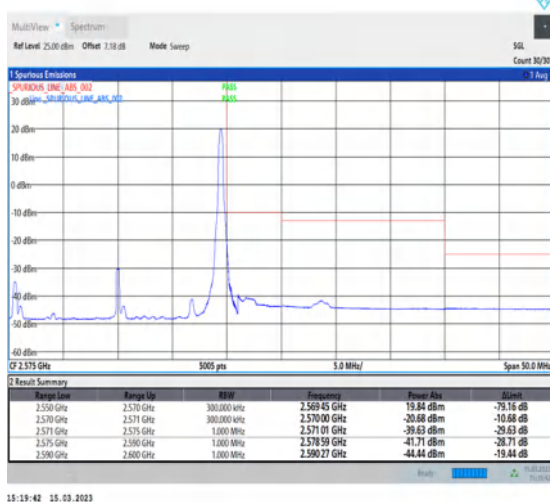
Page: 50 of 75



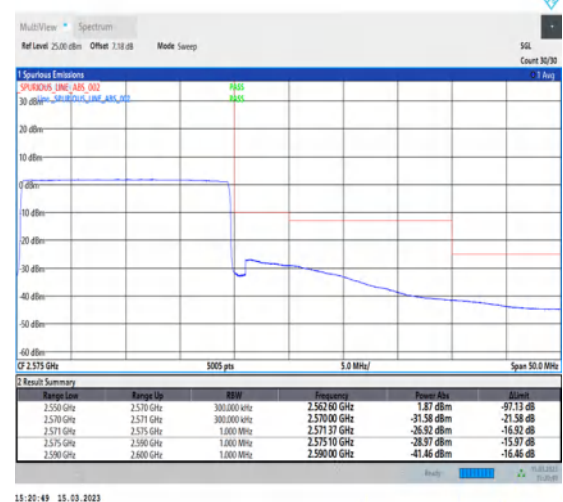
1-N7-PC3-15-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant1-1--PASS-see graph



1-N7-PC3-15-20-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1--PASS-see graph



1-N7-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-1--PASS-see graph



1-N7-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph



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

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

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

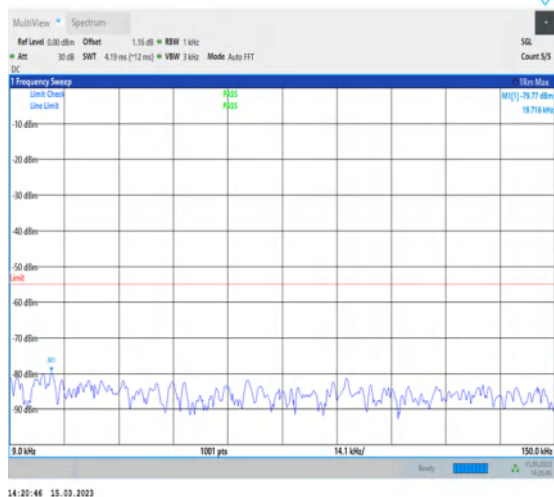
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

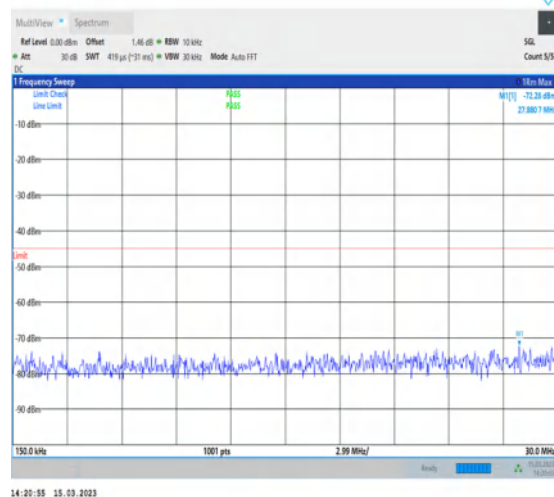
Report No.: SEWM2311000473RG02
Rev.: 01
Page: 51 of 75

Conducted Spurious Emission for SA

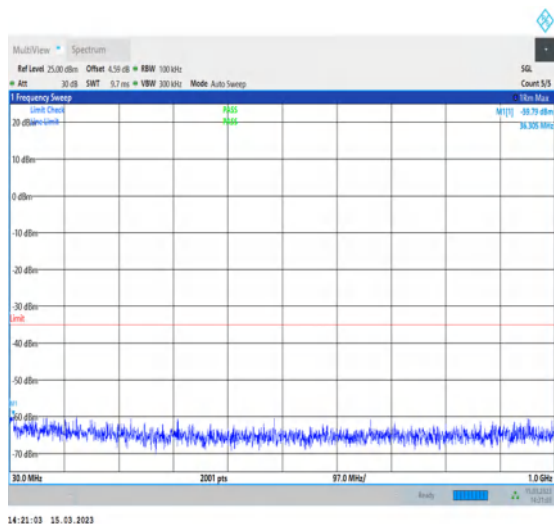
Test Graphs



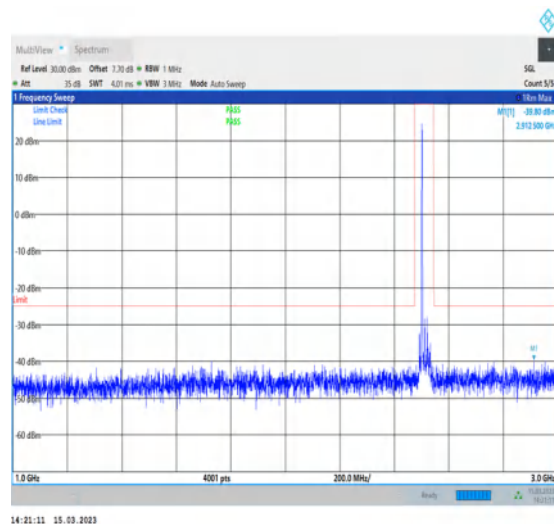
1-N7-PC3-15-20-L-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.02--79.77--
55-PASS



1-N7-PC3-15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-
1@1-0.15-30-Ant1-27.88--72.28--45-PASS



1-N7-PC3-15-20-L-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-30-1000-Ant1-36.31--59.79--
35-PASS



1-N7-PC3-15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-
1@1-1000-3000-Ant1-2912.50--39.80--25-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

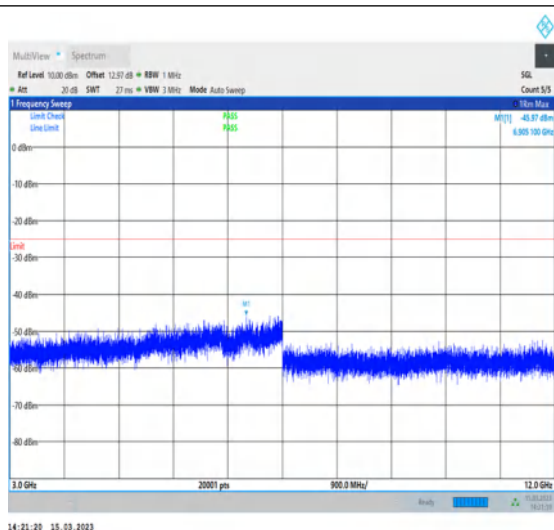
South of No. 6 Plant, No. 1, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

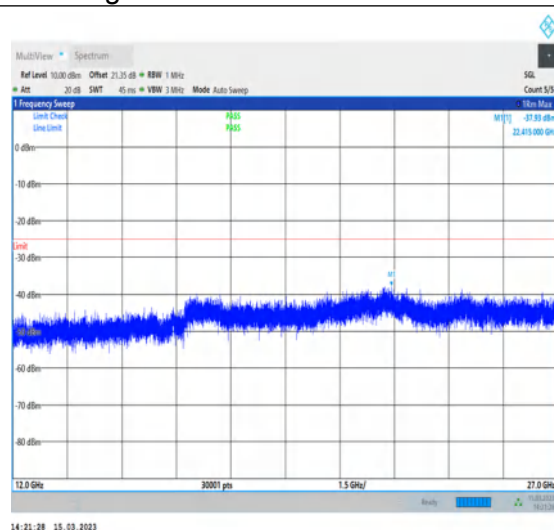
Report No.: SEWM2311000473RG02

Rev.: 01

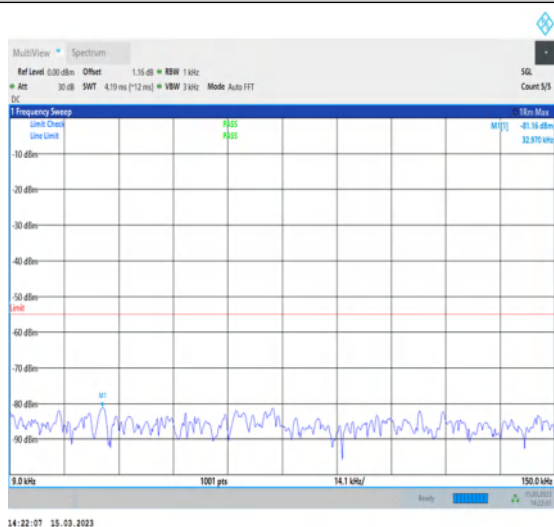
Page: 52 of 75



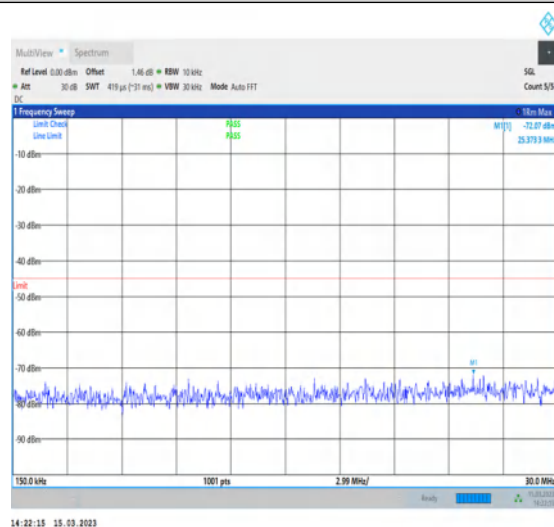
1-N7-PC3-15-20-L-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-3000-12000-Ant1-6905.10--
45.97--25-PASS



1-N7-PC3-15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-
1@1-12000-27000-Ant1-22415.00--37.93--25-PASS



1-N7-PC3-15-20-M-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.03--81.16--
55-PASS



1-N7-PC3-15-20-M-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-0.15-30-Ant1-25.37--72.07--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号厂房南面 邮编: 215000

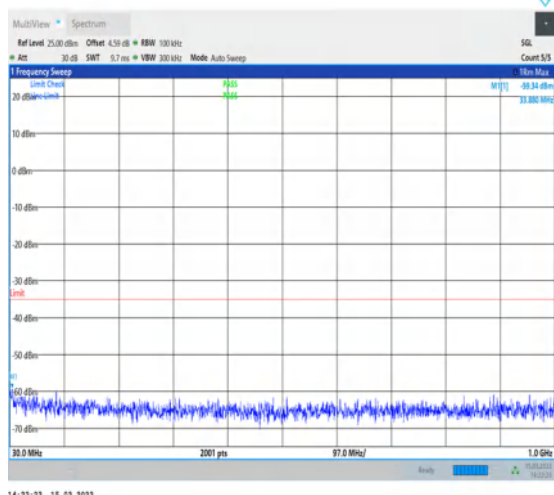
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

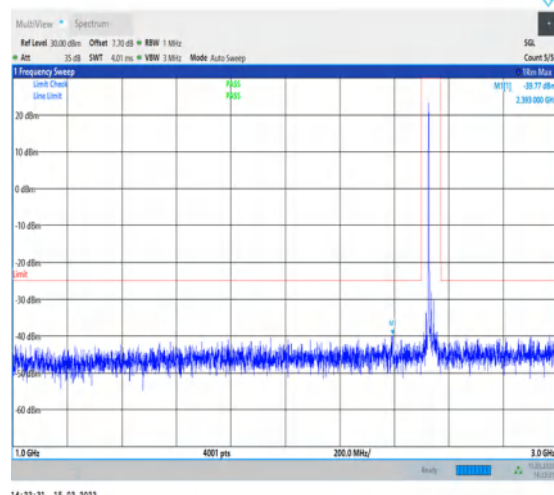
Report No.: SEWM2311000473RG02

Rev.: 01

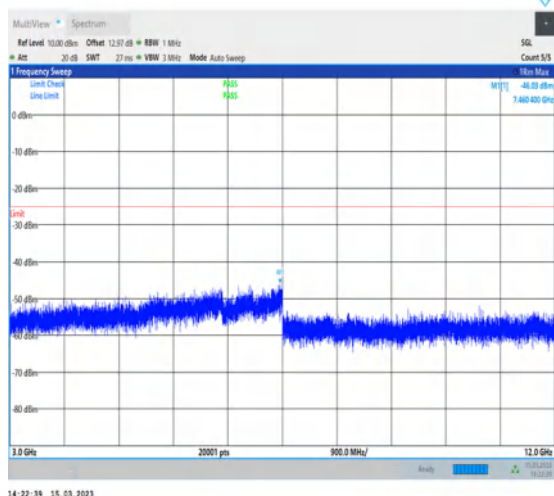
Page: 53 of 75



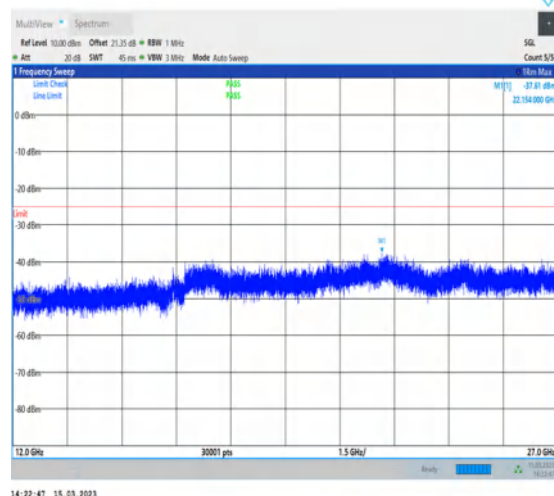
1-N7-PC3-15-20-M-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-30-1000-Ant1-33.88--59.34--
35-PASS



1-N7-PC3-15-20-M-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-1000-3000-Ant1-2393.00--
39.77--25-PASS



1-N7-PC3-15-20-M-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-3000-12000-Ant1-7460.40--
46.03--25-PASS



1-N7-PC3-15-20-M-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-12000-27000-Ant1-22154.00--
37.61--25-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

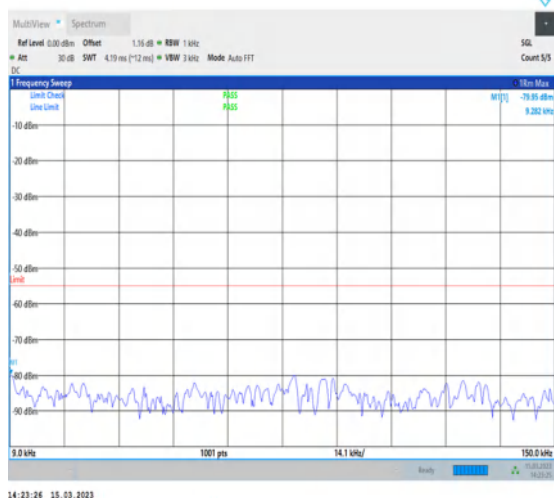
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

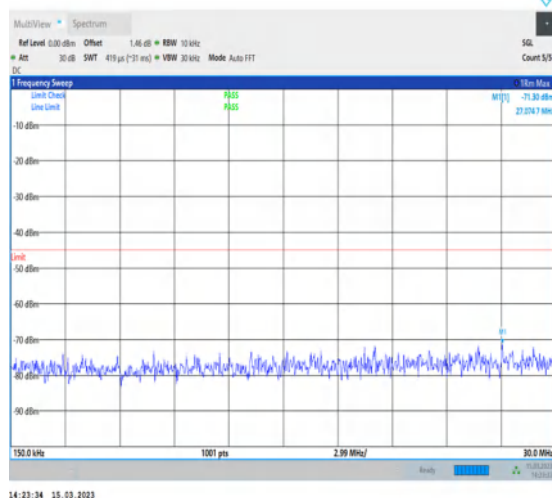
Rev.: 01

Page: 54 of 75



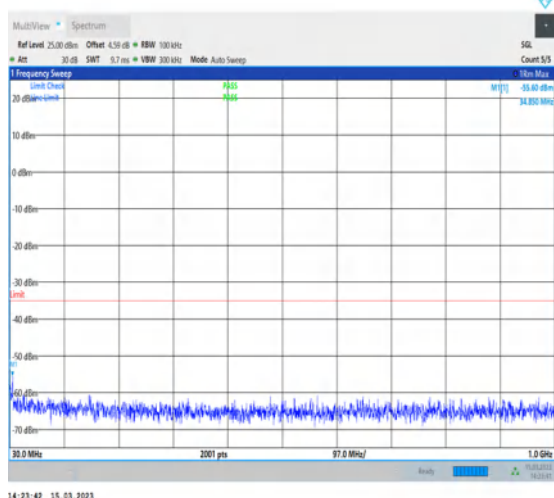
14:23:26 15.03.2023

1-N7-PC3-15-20-H-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.01--79.95--
55-PASS



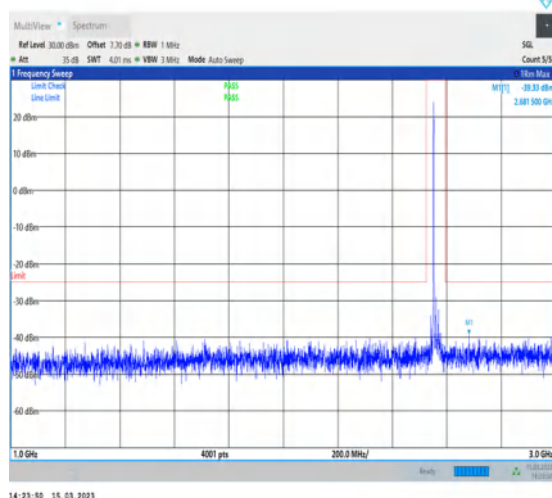
14:23:34 15.03.2023

1-N7-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-
1@1-0.15-30-Ant1-27.07--71.30--45-PASS



14:23:42 15.03.2023

1-N7-PC3-15-20-H-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-30-1000-Ant1-34.85--55.60--
35-PASS



14:23:50 15.03.2023

1-N7-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-
1@1-1000-3000-Ant1-2681.50--39.33--25-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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

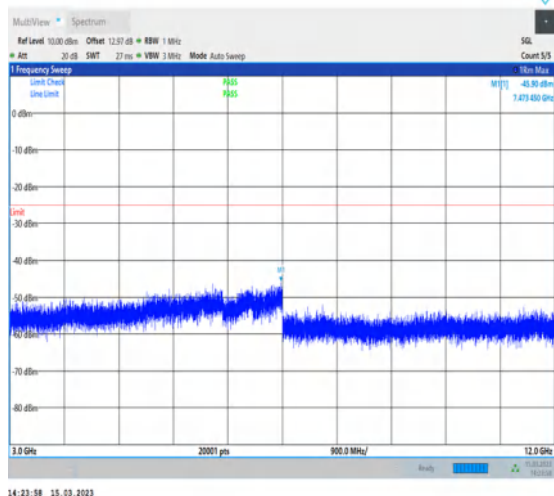
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

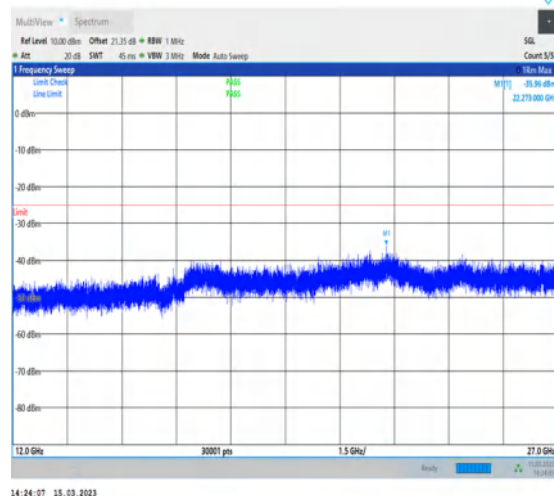
Report No.: SEWM2311000473RG02

Rev.: 01

Page: 55 of 75



1-N7-PC3-15-20-H-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-3000-12000-Ant1-7473.45--
45.90--25-PASS



1-N7-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-
1@1-12000-27000-Ant1-22273.00--35.96--25-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号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 56 of 75

Field Strength of Spurious Radiation

Test Band = SA Band7_20MHz _ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5004.1800	41.20	-45.63	32.88	-66.80	-25.00	41.80	144	181	Horizontal
2	7506.2700	39.78	-43.13	36.44	-62.17	-25.00	37.17	186	287	Horizontal
3	10008.3600	35.06	-39.23	38.50	-60.93	-25.00	35.93	254	165	Horizontal
4	12510.4500	31.61	-37.02	39.19	-61.49	-25.00	36.49	129	347	Horizontal
5	15012.5400	29.75	-34.67	39.20	-60.98	-25.00	35.98	145	227	Horizontal
6	17514.6300	32.33	-34.82	39.24	-58.51	-25.00	33.51	138	347	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5004.1800	41.44	-45.63	32.88	-66.56	-25.00	41.56	124	105	Vertical
2	7506.2700	39.61	-43.13	36.44	-62.34	-25.00	37.34	175	287	Vertical
3	10008.3600	34.98	-39.23	38.50	-61.01	-25.00	36.01	146	195	Vertical
4	12510.4500	31.85	-37.02	39.19	-61.25	-25.00	36.25	233	346	Vertical
5	15012.5400	29.57	-34.67	39.20	-61.16	-25.00	36.16	259	209	Vertical
6	17514.6300	32.41	-34.82	39.24	-58.43	-25.00	33.43	148	150	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, Rensheng 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.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 57 of 75

Test Band = SA Band7_20MHz _ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5034.1800	41.02	-45.55	32.90	-66.89	-25.00	41.89	254	58	Horizontal
2	7551.2700	39.19	-43.03	36.41	-62.69	-25.00	37.69	142	120	Horizontal
3	10068.3600	35.78	-39.16	38.60	-60.04	-25.00	35.04	123	0	Horizontal
4	12585.4500	31.06	-37.52	39.27	-62.46	-25.00	37.46	211	346	Horizontal
5	15102.5400	29.30	-34.92	39.08	-61.80	-25.00	36.80	261	256	Horizontal
6	17619.6300	31.48	-33.39	39.66	-57.51	-25.00	32.51	179	224	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5034.1800	40.62	-45.55	32.90	-67.29	-25.00	42.29	144	0	Vertical
2	7551.2700	39.12	-43.03	36.41	-62.76	-25.00	37.76	153	136	Vertical
3	10068.3600	34.80	-39.16	38.60	-61.02	-25.00	36.02	289	239	Vertical
4	12585.4500	31.31	-37.52	39.27	-62.21	-25.00	37.21	291	317	Vertical
5	15102.5400	29.47	-34.92	39.08	-61.63	-25.00	36.63	155	0	Vertical
6	17619.6300	30.97	-33.39	39.66	-58.02	-25.00	33.02	160	300	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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 58 of 75

Test Band = SA Band7_20MHz _ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5064.1800	41.36	-45.47	32.92	-66.45	-25.00	41.45	154	195	Horizontal
2	7596.2700	38.71	-42.94	36.39	-63.10	-25.00	38.10	156	332	Horizontal
3	10128.3600	33.50	-39.23	38.70	-62.29	-25.00	37.29	236	3	Horizontal
4	12660.4500	31.77	-37.05	39.39	-61.15	-25.00	36.15	259	136	Horizontal
5	15192.5400	29.19	-33.99	38.96	-61.10	-25.00	36.10	188	226	Horizontal
6	17724.6300	32.09	-34.18	40.33	-57.01	-25.00	32.01	175	255	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5064.1800	41.83	-45.47	32.92	-65.98	-25.00	40.98	152	300	Vertical
2	7596.2700	39.05	-42.94	36.39	-62.76	-25.00	37.76	144	196	Vertical
3	10128.3600	33.94	-39.23	38.70	-61.85	-25.00	36.85	186	103	Vertical
4	12660.4500	31.78	-37.05	39.39	-61.14	-25.00	36.14	291	255	Vertical
5	15192.5400	28.61	-33.99	38.96	-61.68	-25.00	36.68	174	314	Vertical
6	17724.6300	32.18	-34.18	40.33	-56.92	-25.00	31.92	142	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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 59 of 75

Test Band = NSA 2A_n7A_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4003.5	41.76	-46.03	30.81	-68.72	-25.00	43.72	254	79	Horizontal
2	5436	40.61	-45.28	32.84	-67.09	-25.00	42.09	178	48	Horizontal
3	7580.25	37.00	-42.97	36.40	-64.83	-25.00	39.83	291	48	Horizontal
4	8931.75	33.95	-41.16	38.16	-64.31	-25.00	39.31	246	257	Horizontal
5	11310.75	26.88	-37.41	39.11	-66.68	-25.00	41.68	230	227	Horizontal
6	13838.25	25.25	-36.04	39.99	-66.05	-25.00	41.05	172	0	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3492	43.69	-46.26	29.51	-68.32	-25.00	43.32	297	270	Vertical
2	5156.25	41.19	-45.32	32.97	-66.42	-25.00	41.42	256	301	Vertical
3	7599.75	40.05	-42.93	36.39	-61.75	-25.00	36.75	235	242	Vertical
4	9456.75	32.89	-40.06	38.48	-63.95	-25.00	38.95	124	123	Vertical
5	11397.75	26.51	-37.37	39.11	-67.01	-25.00	42.01	185	316	Vertical
6	14523	23.31	-34.94	39.99	-66.90	-25.00	41.90	246	270	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, Rensheng 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.sgsgroup.com.cn

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 60 of 75

Test Band = NSA 2A_n7A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7224.75	36.41	-43.50	36.59	-65.77	-25.00	40.77	278	343	Horizontal
2	8497.5	34.10	-41.62	37.53	-65.24	-25.00	40.24	188	313	Horizontal
3	10630.5	25.58	-38.29	39.08	-68.89	-25.00	43.89	156	165	Horizontal
4	12018	23.36	-37.58	38.98	-70.49	-25.00	45.49	264	75	Horizontal
5	14677.5	21.59	-34.79	39.83	-68.63	-25.00	43.63	123	282	Horizontal
6	17197.5	26.78	-34.98	38.61	-64.85	-25.00	39.85	241	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6992.25	38.22	-43.59	36.07	-64.56	-25.00	39.56	139	151	Vertical
2	8457	35.08	-41.55	37.45	-64.28	-25.00	39.28	258	257	Vertical
3	11236.5	25.64	-37.40	39.11	-67.91	-25.00	42.91	246	213	Vertical
4	13379.25	23.87	-36.43	40.13	-67.69	-25.00	42.69	274	0	Vertical
5	15183.75	22.64	-34.09	38.97	-67.74	-25.00	42.74	144	357	Vertical
6	16479.75	25.60	-33.97	37.88	-65.75	-25.00	40.75	240	122	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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 61 of 75

Test Band = NSA 2A_n7A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5352	39.88	-45.20	32.85	-67.73	-25.00	42.73	138	356	Horizontal
2	7830	35.07	-42.46	36.81	-65.84	-25.00	40.84	297	325	Horizontal
3	9608.25	30.69	-39.65	38.43	-65.79	-25.00	40.79	145	44	Horizontal
4	12648	23.82	-37.17	39.36	-69.24	-25.00	44.24	165	14	Horizontal
5	14547	22.99	-35.05	39.98	-67.34	-25.00	42.34	244	341	Horizontal
6	15863.25	23.90	-33.82	38.09	-67.09	-25.00	42.09	217	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4843.5	44.78	-45.54	32.44	-63.57	-25.00	38.57	184	64	Vertical
2	7161	37.33	-43.73	36.50	-65.16	-25.00	40.16	277	242	Vertical
3	10337.25	27.49	-39.06	38.84	-67.99	-25.00	42.99	189	21	Vertical
4	12831	24.59	-36.92	39.66	-67.93	-25.00	42.93	239	0	Vertical
5	14607.75	23.09	-35.24	39.93	-67.48	-25.00	42.48	256	168	Vertical
6	16447.5	26.28	-34.18	37.82	-65.34	-25.00	40.34	241	273	Vertical



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

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

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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 62 of 75

Test Band = NSA 5A_n7A_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4843.5	42.99	-45.54	32.44	-65.36	-25.00	40.36	279	243	Horizontal
2	5844	40.79	-44.85	33.83	-65.48	-25.00	40.48	285	108	Horizontal
3	7583.25	37.37	-42.97	36.40	-64.46	-25.00	39.46	156	62	Horizontal
4	9456.75	33.02	-40.06	38.48	-63.82	-25.00	38.82	234	168	Horizontal
5	11334.75	26.69	-37.40	39.11	-66.86	-25.00	41.86	185	286	Horizontal
6	13842.75	25.52	-35.99	40.00	-65.74	-25.00	40.74	155	0	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3367.5	43.13	-46.34	29.47	-69.00	-25.00	44.00	129	47	Vertical
2	4843.5	45.58	-45.54	32.44	-62.77	-25.00	37.77	330	61	Vertical
3	7600.5	39.89	-42.93	36.39	-61.91	-25.00	36.91	194	242	Vertical
4	9082.5	33.14	-40.46	38.26	-64.33	-25.00	39.33	275	0	Vertical
5	11390.25	27.32	-37.37	39.11	-66.20	-25.00	41.20	266	316	Vertical
6	13608	24.98	-36.09	40.14	-66.22	-25.00	41.22	184	92	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, Rensheng 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.sgsgroup.com.cn

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 63 of 75

Test Band = NSA 5A_n7A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6797.25	38.65	-44.16	35.83	-64.94	-25.00	39.94	138	356	Horizontal
2	8408.25	35.45	-41.46	37.35	-63.93	-25.00	38.93	297	222	Horizontal
3	10692	25.22	-37.93	39.13	-68.83	-25.00	43.83	160	296	Horizontal
4	12787.5	24.52	-36.81	39.61	-67.94	-25.00	42.94	241	59	Horizontal
5	14442.75	22.80	-34.82	40.05	-67.23	-25.00	42.23	189	59	Horizontal
6	16484.25	26.25	-33.94	37.89	-65.06	-25.00	40.06	288	328	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6331.5	38.80	-44.50	34.48	-66.48	-25.00	41.48	132	4	Vertical
2	7043.25	38.43	-43.84	36.19	-64.47	-25.00	39.47	254	62	Vertical
3	8404.5	35.09	-41.46	37.34	-64.29	-25.00	39.29	270	243	Vertical
4	10830.75	25.20	-38.36	39.20	-69.23	-25.00	44.23	167	228	Vertical
5	14399.25	22.63	-34.81	40.08	-67.36	-25.00	42.36	287	228	Vertical
6	16479	25.56	-33.98	37.88	-65.79	-25.00	40.79	146	48	Vertical



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

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

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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 64 of 75

Test Band = NSA 5A_n7A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7519.5	36.21	-43.10	36.43	-65.72	-25.00	40.72	274	46	Horizontal
2	8970.75	33.14	-41.07	38.18	-65.01	-25.00	40.01	188	359	Horizontal
3	10595.25	25.77	-38.49	39.06	-68.92	-25.00	43.92	293	14	Horizontal
4	11259.75	26.04	-37.41	39.11	-67.52	-25.00	42.52	263	282	Horizontal
5	13777.5	24.93	-36.35	39.98	-66.69	-25.00	41.69	148	360	Horizontal
6	16323	25.56	-34.60	37.68	-66.62	-25.00	41.62	182	150	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6662.25	38.46	-44.01	35.56	-65.25	-25.00	40.25	129	168	Vertical
2	8404.5	35.40	-41.46	37.34	-63.98	-25.00	38.98	239	257	Vertical
3	9417.75	31.45	-39.90	38.49	-65.23	-25.00	40.23	274	122	Vertical
4	12096.75	24.32	-37.35	39.05	-69.24	-25.00	44.24	188	168	Vertical
5	13387.5	23.21	-36.38	40.14	-68.30	-25.00	43.30	155	0	Vertical
6	15156.75	23.37	-34.37	39.01	-67.25	-25.00	42.25	146	0	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, Rensheng 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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 65 of 75

Test Band = NSA 7A_n7A_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4438.5	41.89	-45.78	31.55	-67.60	-25.00	42.60	132	268	Horizontal
2	5606.25	41.17	-45.06	33.04	-66.10	-25.00	41.10	245	102	Horizontal
3	8427.75	36.41	-41.50	37.39	-62.96	-25.00	37.96	286	206	Horizontal
4	10347	28.43	-39.05	38.85	-67.04	-25.00	42.04	277	1	Horizontal
5	12790.5	25.38	-36.82	39.61	-67.08	-25.00	42.08	170	0	Horizontal
6	16650	27.16	-34.52	38.20	-64.43	-25.00	39.43	162	268	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3964.5	41.83	-46.13	30.72	-68.84	-25.00	43.84	124	153	Vertical
2	4843.5	45.26	-45.54	32.44	-63.09	-25.00	38.09	278	66	Vertical
3	6360.75	40.10	-44.46	34.54	-65.08	-25.00	40.08	196	287	Vertical
4	8454.75	35.93	-41.54	37.44	-63.43	-25.00	38.43	302	258	Vertical
5	12221.25	25.29	-37.47	39.12	-68.32	-25.00	43.32	145	139	Vertical
6	15157.5	24.43	-34.36	39.01	-66.18	-25.00	41.18	216	0	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, Rensheng 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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 66 of 75

Test Band = NSA 7A_n7A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3173.25	42.65	-45.88	29.64	-68.85	-25.00	43.85	139	299	Horizontal
2	4722.75	40.14	-45.59	32.08	-68.62	-25.00	43.62	284	60	Horizontal
3	6994.5	38.09	-43.58	36.07	-64.68	-25.00	39.68	244	105	Horizontal
4	9542.25	31.80	-39.99	38.45	-65.00	-25.00	40.00	156	343	Horizontal
5	11199	25.73	-37.40	39.11	-67.82	-25.00	42.82	274	254	Horizontal
6	14391	22.32	-34.92	40.09	-67.78	-25.00	42.78	156	164	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4843.5	45.01	-45.54	32.44	-63.34	-25.00	38.34	293	65	Vertical
2	6444.75	38.54	-44.50	34.80	-66.42	-25.00	41.42	246	34	Vertical
3	9365.25	30.33	-39.97	38.46	-66.43	-25.00	41.43	244	154	Vertical
4	11595.75	22.68	-36.92	38.89	-70.60	-25.00	45.60	175	169	Vertical
5	13860	24.08	-35.83	40.01	-67.00	-25.00	42.00	142	154	Vertical
6	16501.5	25.71	-33.85	37.93	-65.47	-25.00	40.47	166	1	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, Rensheng 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.sgsgroup.com.cn

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 67 of 75

Test Band = NSA 7A_n7A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3907.5	41.09	-46.26	30.58	-69.85	-25.00	44.85	169	150	Horizontal
2	5047.5	40.68	-45.51	32.91	-67.19	-25.00	42.19	302	360	Horizontal
3	8410.5	35.41	-41.47	37.35	-63.97	-25.00	38.97	142	360	Horizontal
4	11905.5	23.26	-37.13	38.87	-70.26	-25.00	45.26	175	120	Horizontal
5	13858.5	24.30	-35.84	40.01	-66.79	-25.00	41.79	155	359	Horizontal
6	16669.5	26.43	-34.50	38.22	-65.11	-25.00	40.11	268	359	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3125.25	47.07	-46.14	29.56	-64.77	-25.00	39.77	249	73	Vertical
2	4074	40.99	-45.83	30.91	-69.19	-25.00	44.19	309	194	Vertical
3	6992.25	38.09	-43.59	36.07	-64.69	-25.00	39.69	287	357	Vertical
4	11834.25	22.78	-36.99	38.79	-70.69	-25.00	45.69	145	1	Vertical
5	13839	24.14	-36.03	40.00	-67.15	-25.00	42.15	260	30	Vertical
6	16461	25.64	-34.09	37.85	-65.87	-25.00	40.87	124	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, Rensheng 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.sgsgroup.com.cn

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 68 of 75

Test Band = NR CA 2A_n7A_TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3473.25	43.02	-46.27	29.50	-69.01	-25.00	44.01	215	273	Horizontal
2	4500.75	41.69	-45.71	31.61	-67.67	-25.00	42.67	145	7	Horizontal
3	4843.5	45.75	-45.54	32.44	-62.60	-25.00	37.60	186	316	Horizontal
4	5555.25	41.35	-45.15	32.97	-66.09	-25.00	41.09	122	3	Horizontal
5	6979.5	40.48	-43.66	36.06	-62.39	-25.00	37.39	195	107	Horizontal
6	9320.25	36.55	-40.14	38.43	-60.42	-25.00	35.42	188	213	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	49.30	-45.67	30.12	-61.51	-25.00	36.51	254	331	Vertical
2	4826.25	41.37	-45.54	32.39	-67.03	-25.00	42.03	125	344	Vertical
3	6438.75	40.62	-44.49	34.78	-64.35	-25.00	39.35	166	272	Vertical
4	8031.75	38.99	-42.04	37.02	-61.28	-25.00	36.28	133	60	Vertical
5	11503.5	32.21	-37.30	39.00	-61.35	-25.00	36.35	215	272	Vertical
6	12224.25	32.53	-37.47	39.12	-61.08	-25.00	36.08	198	29	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, Rensheng 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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 69 of 75

Test Band = NR CA 2A_n7A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	42.85	-45.67	30.12	-67.96	-25.00	42.96	255	29	Horizontal
2	4843.5	45.90	-45.54	32.44	-62.45	-25.00	37.45	148	315	Horizontal
3	6052.5	41.00	-44.63	34.15	-64.74	-25.00	39.74	178	255	Horizontal
4	7749.75	39.54	-42.72	36.68	-61.76	-25.00	36.76	189	195	Horizontal
5	10020.75	35.70	-39.22	38.52	-60.25	-25.00	35.25	156	2	Horizontal
6	11574	31.99	-37.01	38.92	-61.36	-25.00	36.36	133	16	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	46.80	-45.67	30.12	-64.01	-25.00	39.01	144	357	Vertical
2	4843.5	45.62	-45.54	32.44	-62.73	-25.00	37.73	126	226	Vertical
3	5941.5	41.49	-44.91	34.02	-64.66	-25.00	39.66	153	332	Vertical
4	7187.25	40.12	-43.52	36.57	-62.09	-25.00	37.09	216	166	Vertical
5	9102	36.83	-40.35	38.27	-60.51	-25.00	35.51	158	62	Vertical
6	10667.25	33.78	-38.07	39.11	-60.44	-25.00	35.44	199	0	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, Rensheng 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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 70 of 75

Test Band = NR CA 2A_n7A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3804.75	42.10	-45.94	30.34	-68.76	-25.00	43.76	245	0	Horizontal
2	5958.75	41.41	-44.89	34.05	-64.69	-25.00	39.69	126	168	Horizontal
3	8337	38.67	-41.80	37.25	-61.14	-25.00	36.14	258	347	Horizontal
4	11214	33.22	-37.39	39.11	-60.32	-25.00	35.32	195	48	Horizontal
5	13604.25	31.87	-36.08	40.15	-59.33	-25.00	34.33	142	77	Horizontal
6	14523.75	30.44	-34.95	39.99	-59.77	-25.00	34.77	133	77	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	46.99	-45.67	30.12	-63.82	-25.00	38.82	215	357	Vertical
2	4531.5	45.27	-45.70	31.64	-64.05	-25.00	39.05	145	286	Vertical
3	5403.75	41.43	-45.30	32.80	-66.32	-25.00	41.32	165	331	Vertical
4	6183	40.83	-44.71	34.19	-64.94	-25.00	39.94	195	105	Vertical
5	7425.75	40.50	-43.34	36.48	-61.62	-25.00	36.62	185	105	Vertical
6	8845.5	37.74	-41.25	38.11	-60.66	-25.00	35.66	133	91	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, Rensheng 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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 71 of 75

Test Band = NR CA 5A_n7A_TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	28.21	-24.81	25.37	-66.49	-25.00	41.49	214	360	Horizontal
2	2475.2700	28.61	-23.55	27.69	-62.51	-25.00	37.51	188	274	Horizontal
3	3300.3600	42.56	-46.46	29.55	-69.60	-25.00	44.60	253	8	Horizontal
4	5004.1800	40.63	-45.63	32.88	-67.37	-25.00	42.37	271	78	Horizontal
5	7506.2700	36.55	-43.13	36.44	-65.40	-25.00	40.40	189	347	Horizontal
6	10008.3600	28.39	-39.23	38.50	-67.60	-25.00	42.60	201	357	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	28.07	-24.81	25.37	-66.63	-25.00	41.63	277	103	Vertical
2	2475.2700	28.64	-23.55	27.69	-62.48	-25.00	37.48	149	356	Vertical
3	3300.3600	42.50	-46.46	29.55	-69.66	-25.00	44.66	152	169	Vertical
4	5004.1800	40.82	-45.63	32.88	-67.18	-25.00	42.18	203	213	Vertical
5	7506.2700	36.54	-43.13	36.44	-65.41	-25.00	40.41	255	109	Vertical
6	10008.3600	28.28	-39.23	38.50	-67.71	-25.00	42.71	289	243	Vertical



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 72 of 75

Test Band = NR CA 5A_n7A_TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	28.27	-24.80	25.37	-66.42	-25.00	41.42	244	59	Horizontal
2	2482.7700	28.80	-23.55	27.71	-62.29	-25.00	37.29	177	355	Horizontal
3	3310.3600	43.80	-46.44	29.54	-68.36	-25.00	43.36	186	357	Horizontal
4	5034.1800	41.24	-45.55	32.90	-66.67	-25.00	41.67	239	18	Horizontal
5	7551.2700	36.41	-43.03	36.41	-65.47	-25.00	40.47	214	1	Horizontal
6	10068.3600	27.84	-39.16	38.60	-67.98	-25.00	42.98	156	183	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	28.12	-24.80	25.37	-66.57	-25.00	41.57	178	358	Vertical
2	2482.7700	28.72	-23.55	27.71	-62.37	-25.00	37.37	285	360	Vertical
3	3310.3600	42.96	-46.44	29.54	-69.20	-25.00	44.20	165	243	Vertical
4	5034.1800	41.01	-45.55	32.90	-66.90	-25.00	41.90	274	25	Vertical
5	7551.2700	36.54	-43.03	36.41	-65.34	-25.00	40.34	156	9	Vertical
6	10068.3600	27.82	-39.16	38.60	-68.00	-25.00	43.00	299	1	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, Rensheng 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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 73 of 75

Test Band = NR CA 5A_n7A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	28.32	-24.79	25.37	-66.36	-25.00	41.36	287	9	Horizontal
2	2490.2700	28.52	-23.54	27.74	-62.54	-25.00	37.54	209	358	Horizontal
3	3320.3600	42.40	-46.42	29.53	-69.75	-25.00	44.75	233	242	Horizontal
4	5064.1800	40.64	-45.47	32.92	-67.17	-25.00	42.17	162	77	Horizontal
5	7596.2700	36.05	-42.94	36.39	-65.76	-25.00	40.76	210	317	Horizontal
6	10128.3600	26.93	-39.23	38.70	-68.86	-25.00	43.86	135	240	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	28.43	-24.79	25.37	-66.25	-25.00	41.25	179	360	Vertical
2	2490.2700	28.64	-23.54	27.74	-62.42	-25.00	37.42	258	155	Vertical
3	3320.3600	42.53	-46.42	29.53	-69.62	-25.00	44.62	168	302	Vertical
4	5064.1800	41.08	-45.47	32.92	-66.73	-25.00	41.73	298	107	Vertical
5	7596.2700	36.24	-42.94	36.39	-65.57	-25.00	40.57	152	257	Vertical
6	10128.3600	26.51	-39.23	38.70	-69.28	-25.00	44.28	263	1	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-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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编：215000

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 74 of 75

Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-1.700000	-0.000671	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-3.900000	-0.001538	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-0.100000	-0.000039	PASS
N7	15	20	CP-QPSK	M	Outer_Full	VH	NT	-0.300000	-0.000118	PASS
N7	15	20	CP-QPSK	M	Outer_Full	VN	NT	-1.100000	-0.000434	PASS
N7	15	20	CP-QPSK	M	Outer_Full	VL	NT	1.300000	0.000513	PASS

Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	2.600000	0.001026	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-3.800000	-0.001499	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-5.600000	-0.002209	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-5.900000	-0.002327	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-4.200000	-0.001657	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-5.200000	-0.002051	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-3.000000	-0.001183	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-2.700000	-0.001065	PASS
N7	15	20	DFT-	M	Outer_Full	NV	50	-3.800000	-0.001499	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, Rensheng 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.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 75 of 75

			PI2BPSK							
N7	15	20	CP-QPSK	M	Outer_Full	NV	-30	-1.300000	-0.000513	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	-20	-0.300000	-0.000118	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	-10	-0.800000	-0.000316	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	0	0.200000	0.000079	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	10	-1.900000	-0.000750	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	20	1.300000	0.000513	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	30	-0.600000	-0.000237	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	40	-0.500000	-0.000197	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	50	0.800000	0.000316	PASS

---End of Attachment---



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

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

South of No. 6 Plant, No. 1, Rensheng 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.sgsgroup.com.cn

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

Member of the SGS Group (SGS SA)