

Report No.: SEWM2206000070RG02

Rev.: 01

Page: 1 of 97

Appendix B.17

NR Band n25



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

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

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

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

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power	EIRP	LIMIT	Verdict
N25	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.3	26.07	33	PASS
N25	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.34	26.11	33	PASS
N25	15	5	DFT-PI2BPSK	L	Outer_Full	22.81	25.58	33	PASS
N25	15	5	DFT-QPSK	L	Inner_1RB_Left	23.29	26.06	33	PASS
N25	15	5	DFT-QPSK	L	Inner_1RB_Right	23.32	26.09	33	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	22.85	25.62	33	PASS
N25	15	5	DFT-16QAM	L	Inner_1RB_Left	21.36	24.13	33	PASS
N25	15	5	DFT-16QAM	L	Inner_1RB_Right	21.52	24.29	33	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	21.36	24.13	33	PASS
N25	15	5	DFT-64QAM	L	Inner_1RB_Left	20.32	23.09	33	PASS
N25	15	5	DFT-64QAM	L	Inner_1RB_Right	20.45	23.22	33	PASS
N25	15	5	DFT-64QAM	L	Outer_Full	20.52	23.29	33	PASS
N25	15	5	DFT-256QAM	L	Inner_1RB_Left	18.34	21.11	33	PASS
N25	15	5	DFT-256QAM	L	Inner_1RB_Right	18.35	21.12	33	PASS
N25	15	5	DFT-256QAM	L	Outer_Full	18.76	21.53	33	PASS
N25	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.51	26.28	33	PASS
N25	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.55	26.32	33	PASS
N25	15	5	DFT-PI2BPSK	M	Outer_Full	23.04	25.81	33	PASS
N25	15	5	DFT-QPSK	M	Inner_1RB_Left	23.46	26.23	33	PASS
N25	15	5	DFT-QPSK	M	Inner_1RB_Right	23.49	26.26	33	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	22.51	25.28	33	PASS
N25	15	5	DFT-16QAM	M	Inner_1RB_Left	22.55	25.32	33	PASS
N25	15	5	DFT-16QAM	M	Inner_1RB_Right	22.57	25.34	33	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	21.57	24.34	33	PASS
N25	15	5	DFT-64QAM	M	Inner_1RB_Left	21.2	23.97	33	PASS
N25	15	5	DFT-64QAM	M	Inner_1RB_Right	21.29	24.06	33	PASS
N25	15	5	DFT-64QAM	M	Outer_Full	21	23.77	33	PASS
N25	15	5	DFT-256QAM	M	Inner_1RB_Left	18.52	21.29	33	PASS
N25	15	5	DFT-256QAM	M	Inner_1RB_Right	18.49	21.26	33	PASS
N25	15	5	DFT-256QAM	M	Outer_Full	18.96	21.73	33	PASS
N25	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.44	26.21	33	PASS
N25	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.5	26.27	33	PASS
N25	15	5	DFT-PI2BPSK	H	Outer_Full	22.98	25.75	33	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



N25	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.28	26.05	33	PASS
N25	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.32	26.09	33	PASS
N25	15	10	DFT-PI2BPSK	H	Outer_Full	22.36	25.13	33	PASS
N25	15	10	DFT-QPSK	H	Inner_1RB_Left	22.36	25.13	33	PASS
N25	15	10	DFT-QPSK	H	Inner_1RB_Right	22.29	25.06	33	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	21.41	24.18	33	PASS
N25	15	10	DFT-16QAM	H	Inner_1RB_Left	21.05	23.82	33	PASS
N25	15	10	DFT-16QAM	H	Inner_1RB_Right	20.98	23.75	33	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	20.85	23.62	33	PASS
N25	15	10	DFT-64QAM	H	Inner_1RB_Left	18.28	21.05	33	PASS
N25	15	10	DFT-64QAM	H	Inner_1RB_Right	18.21	20.98	33	PASS
N25	15	10	DFT-64QAM	H	Outer_Full	18.78	21.55	33	PASS
N25	15	10	DFT-256QAM	H	Inner_1RB_Left	23.51	26.28	33	PASS
N25	15	10	DFT-256QAM	H	Inner_1RB_Right	23.53	26.3	33	PASS
N25	15	10	DFT-256QAM	H	Outer_Full	22.95	25.72	33	PASS
N25	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.46	26.23	33	PASS
N25	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.47	26.24	33	PASS
N25	15	15	DFT-PI2BPSK	L	Outer_Full	22.42	25.19	33	PASS
N25	15	15	DFT-QPSK	L	Inner_1RB_Left	22.53	25.3	33	PASS
N25	15	15	DFT-QPSK	L	Inner_1RB_Right	22.57	25.34	33	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	21.4	24.17	33	PASS
N25	15	15	DFT-16QAM	L	Inner_1RB_Left	21.15	23.92	33	PASS
N25	15	15	DFT-16QAM	L	Inner_1RB_Right	21.19	23.96	33	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	20.97	23.74	33	PASS
N25	15	15	DFT-64QAM	L	Inner_1RB_Left	18.44	21.21	33	PASS
N25	15	15	DFT-64QAM	L	Inner_1RB_Right	18.5	21.27	33	PASS
N25	15	15	DFT-64QAM	L	Outer_Full	18.86	21.63	33	PASS
N25	15	15	DFT-256QAM	L	Inner_1RB_Left	23.67	26.44	33	PASS
N25	15	15	DFT-256QAM	L	Inner_1RB_Right	23.77	26.54	33	PASS
N25	15	15	DFT-256QAM	L	Outer_Full	23.22	25.99	33	PASS
N25	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.59	26.36	33	PASS
N25	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.72	26.49	33	PASS
N25	15	15	DFT-PI2BPSK	M	Outer_Full	22.69	25.46	33	PASS
N25	15	15	DFT-QPSK	M	Inner_1RB_Left	22.71	25.48	33	PASS
N25	15	15	DFT-QPSK	M	Inner_1RB_Right	22.77	25.54	33	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	21.65	24.42	33	PASS
N25	15	15	DFT-16QAM	M	Inner_1RB_Left	21.33	24.1	33	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



N25	15	15	DFT-16QAM	M	Inner_1RB_Right	21.44	24.21	33	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	21.24	24.01	33	PASS
N25	15	15	DFT-64QAM	M	Inner_1RB_Left	18.57	21.34	33	PASS
N25	15	15	DFT-64QAM	M	Inner_1RB_Right	18.6	21.37	33	PASS
N25	15	15	DFT-64QAM	M	Outer_Full	19.15	21.92	33	PASS
N25	15	15	DFT-256QAM	M	Inner_1RB_Left	23.42	26.19	33	PASS
N25	15	15	DFT-256QAM	M	Inner_1RB_Right	23.44	26.21	33	PASS
N25	15	15	DFT-256QAM	M	Outer_Full	22.94	25.71	33	PASS
N25	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.33	26.1	33	PASS
N25	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.38	26.15	33	PASS
N25	15	15	DFT-PI2BPSK	H	Outer_Full	22.42	25.19	33	PASS
N25	15	15	DFT-QPSK	H	Inner_1RB_Left	22.39	25.16	33	PASS
N25	15	15	DFT-QPSK	H	Inner_1RB_Right	22.42	25.19	33	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	21.39	24.16	33	PASS
N25	15	15	DFT-16QAM	H	Inner_1RB_Left	21.12	23.89	33	PASS
N25	15	15	DFT-16QAM	H	Inner_1RB_Right	21.14	23.91	33	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	20.98	23.75	33	PASS
N25	15	15	DFT-64QAM	H	Inner_1RB_Left	18.34	21.11	33	PASS
N25	15	15	DFT-64QAM	H	Inner_1RB_Right	18.37	21.14	33	PASS
N25	15	15	DFT-64QAM	H	Outer_Full	18.91	21.68	33	PASS
N25	15	15	DFT-256QAM	H	Inner_1RB_Left	23.38	26.15	33	PASS
N25	15	15	DFT-256QAM	H	Inner_1RB_Right	23.33	26.1	33	PASS
N25	15	15	DFT-256QAM	H	Outer_Full	22.87	25.64	33	PASS
N25	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	22.33	25.1	33	PASS
N25	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	22.45	25.22	33	PASS
N25	15	20	DFT-PI2BPSK	L	Outer_Full	22.36	25.13	33	PASS
N25	15	20	DFT-QPSK	L	Inner_1RB_Left	21.52	24.29	33	PASS
N25	15	20	DFT-QPSK	L	Inner_1RB_Right	21.45	24.22	33	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	21.25	24.02	33	PASS
N25	15	20	DFT-16QAM	L	Inner_1RB_Left	20.52	23.29	33	PASS
N25	15	20	DFT-16QAM	L	Inner_1RB_Right	20.53	23.3	33	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	20.36	23.13	33	PASS
N25	15	20	DFT-64QAM	L	Inner_1RB_Left	18.37	21.14	33	PASS
N25	15	20	DFT-64QAM	L	Inner_1RB_Right	18.33	21.1	33	PASS
N25	15	20	DFT-64QAM	L	Outer_Full	18.82	21.59	33	PASS
N25	15	20	DFT-256QAM	L	Inner_1RB_Left	23.54	26.31	33	PASS
N25	15	20	DFT-256QAM	L	Inner_1RB_Right	23.63	26.4	33	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

N25	15	20	DFT-256QAM	L	Outer_Full	23.05	25.82	33	PASS
N25	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.47	26.24	33	PASS
N25	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.56	26.33	33	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	22.56	25.33	33	PASS
N25	15	20	DFT-QPSK	M	Inner_1RB_Left	22.57	25.34	33	PASS
N25	15	20	DFT-QPSK	M	Inner_1RB_Right	22.66	25.43	33	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	21.64	24.41	33	PASS
N25	15	20	DFT-16QAM	M	Inner_1RB_Left	21.23	24	33	PASS
N25	15	20	DFT-16QAM	M	Inner_1RB_Right	21.32	24.09	33	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	21.14	23.91	33	PASS
N25	15	20	DFT-64QAM	M	Inner_1RB_Left	18.44	21.21	33	PASS
N25	15	20	DFT-64QAM	M	Inner_1RB_Right	18.58	21.35	33	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	19.05	21.82	33	PASS
N25	15	20	DFT-256QAM	M	Inner_1RB_Left	23.55	26.32	33	PASS
N25	15	20	DFT-256QAM	M	Inner_1RB_Right	23.55	26.32	33	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	23.01	25.78	33	PASS
N25	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.44	26.21	33	PASS
N25	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.44	26.21	33	PASS
N25	15	20	DFT-PI2BPSK	H	Outer_Full	22.56	25.33	33	PASS
N25	15	20	DFT-QPSK	H	Inner_1RB_Left	22.51	25.28	33	PASS
N25	15	20	DFT-QPSK	H	Inner_1RB_Right	22.49	25.26	33	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	21.59	24.36	33	PASS
N25	15	20	DFT-16QAM	H	Inner_1RB_Left	21.18	23.95	33	PASS
N25	15	20	DFT-16QAM	H	Inner_1RB_Right	21.29	24.06	33	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	21.05	23.82	33	PASS
N25	15	20	DFT-64QAM	H	Inner_1RB_Left	18.48	21.25	33	PASS
N25	15	20	DFT-64QAM	H	Inner_1RB_Right	18.52	21.29	33	PASS
N25	15	20	DFT-64QAM	H	Outer_Full	19.02	21.79	33	PASS
N25	15	20	DFT-256QAM	H	Inner_1RB_Left	23.5	26.27	33	PASS
N25	15	20	DFT-256QAM	H	Inner_1RB_Right	23.44	26.21	33	PASS
N25	15	20	DFT-256QAM	H	Outer_Full	23.01	25.78	33	PASS
N25	15	25	DFT-PI2BPSK	L	Inner_1RB_Left	23.46	26.23	33	PASS
N25	15	25	DFT-PI2BPSK	L	Inner_1RB_Right	23.36	26.13	33	PASS
N25	15	25	DFT-PI2BPSK	L	Outer_Full	22.47	25.24	33	PASS
N25	15	25	DFT-QPSK	L	Inner_1RB_Left	22.45	25.22	33	PASS
N25	15	25	DFT-QPSK	L	Inner_1RB_Right	22.42	25.19	33	PASS
N25	15	25	DFT-QPSK	L	Outer_Full	21.44	24.21	33	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



N25	15	25	DFT-16QAM	L	Inner_1RB_Left	21.14	23.91	33	PASS
N25	15	25	DFT-16QAM	L	Inner_1RB_Right	21.09	23.86	33	PASS
N25	15	25	DFT-16QAM	L	Outer_Full	21.07	23.84	33	PASS
N25	15	25	DFT-64QAM	L	Inner_1RB_Left	18.49	21.26	33	PASS
N25	15	25	DFT-64QAM	L	Inner_1RB_Right	18.35	21.12	33	PASS
N25	15	25	DFT-64QAM	L	Outer_Full	18.87	21.64	33	PASS
N25	15	25	DFT-256QAM	L	Inner_1RB_Left	23.47	26.24	33	PASS
N25	15	25	DFT-256QAM	L	Inner_1RB_Right	23.61	26.38	33	PASS
N25	15	25	DFT-256QAM	L	Outer_Full	23.09	25.86	33	PASS
N25	15	25	DFT-PI2BPSK	M	Inner_1RB_Left	23.33	26.1	33	PASS
N25	15	25	DFT-PI2BPSK	M	Inner_1RB_Right	23.52	26.29	33	PASS
N25	15	25	DFT-PI2BPSK	M	Outer_Full	22.61	25.38	33	PASS
N25	15	25	DFT-QPSK	M	Inner_1RB_Left	22.45	25.22	33	PASS
N25	15	25	DFT-QPSK	M	Inner_1RB_Right	22.61	25.38	33	PASS
N25	15	25	DFT-QPSK	M	Outer_Full	21.55	24.32	33	PASS
N25	15	25	DFT-16QAM	M	Inner_1RB_Left	21.11	23.88	33	PASS
N25	15	25	DFT-16QAM	M	Inner_1RB_Right	21.26	24.03	33	PASS
N25	15	25	DFT-16QAM	M	Outer_Full	21.09	23.86	33	PASS
N25	15	25	DFT-64QAM	M	Inner_1RB_Left	18.37	21.14	33	PASS
N25	15	25	DFT-64QAM	M	Inner_1RB_Right	18.52	21.29	33	PASS
N25	15	25	DFT-64QAM	M	Outer_Full	19.09	21.86	33	PASS
N25	15	25	DFT-256QAM	M	Inner_1RB_Left	23.5	26.27	33	PASS
N25	15	25	DFT-256QAM	M	Inner_1RB_Right	23.55	26.32	33	PASS
N25	15	25	DFT-256QAM	M	Outer_Full	22.99	25.76	33	PASS
N25	15	25	DFT-PI2BPSK	H	Inner_1RB_Left	23.45	26.22	33	PASS
N25	15	25	DFT-PI2BPSK	H	Inner_1RB_Right	23.47	26.24	33	PASS
N25	15	25	DFT-PI2BPSK	H	Outer_Full	22.56	25.33	33	PASS
N25	15	25	DFT-QPSK	H	Inner_1RB_Left	22.49	25.26	33	PASS
N25	15	25	DFT-QPSK	H	Inner_1RB_Right	22.47	25.24	33	PASS
N25	15	25	DFT-QPSK	H	Outer_Full	21.49	24.26	33	PASS
N25	15	25	DFT-16QAM	H	Inner_1RB_Left	21.21	23.98	33	PASS
N25	15	25	DFT-16QAM	H	Inner_1RB_Right	21.28	24.05	33	PASS
N25	15	25	DFT-16QAM	H	Outer_Full	21.03	23.8	33	PASS
N25	15	25	DFT-64QAM	H	Inner_1RB_Left	18.56	21.33	33	PASS
N25	15	25	DFT-64QAM	H	Inner_1RB_Right	18.51	21.28	33	PASS
N25	15	25	DFT-64QAM	H	Outer_Full	19.06	21.83	33	PASS
N25	15	25	DFT-256QAM	H	Inner_1RB_Left	23.53	26.3	33	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pkx 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



N25	15	25	DFT-256QAM	H	Inner_1RB_Right	23.56	26.33	33	PASS
N25	15	25	DFT-256QAM	H	Outer_Full	22.94	25.71	33	PASS
N25	15	30	DFT-PI2BPSK	L	Inner_1RB_Left	23.43	26.2	33	PASS
N25	15	30	DFT-PI2BPSK	L	Inner_1RB_Right	23.45	26.22	33	PASS
N25	15	30	DFT-PI2BPSK	L	Outer_Full	22.41	25.18	33	PASS
N25	15	30	DFT-QPSK	L	Inner_1RB_Left	21.45	24.22	33	PASS
N25	15	30	DFT-QPSK	L	Inner_1RB_Right	21.36	24.13	33	PASS
N25	15	30	DFT-QPSK	L	Outer_Full	21.52	24.29	33	PASS
N25	15	30	DFT-16QAM	L	Inner_1RB_Left	20.36	23.13	33	PASS
N25	15	30	DFT-16QAM	L	Inner_1RB_Right	20.32	23.09	33	PASS
N25	15	30	DFT-16QAM	L	Outer_Full	20.45	23.22	33	PASS
N25	15	30	DFT-64QAM	L	Inner_1RB_Left	18.56	21.33	33	PASS
N25	15	30	DFT-64QAM	L	Inner_1RB_Right	18.5	21.27	33	PASS
N25	15	30	DFT-64QAM	L	Outer_Full	18.89	21.66	33	PASS
N25	15	30	DFT-256QAM	L	Inner_1RB_Left	23.48	26.25	33	PASS
N25	15	30	DFT-256QAM	L	Inner_1RB_Right	23.64	26.41	33	PASS
N25	15	30	DFT-256QAM	L	Outer_Full	23.08	25.85	33	PASS
N25	15	30	DFT-PI2BPSK	M	Inner_1RB_Left	23.41	26.18	33	PASS
N25	15	30	DFT-PI2BPSK	M	Inner_1RB_Right	23.56	26.33	33	PASS
N25	15	30	DFT-PI2BPSK	M	Outer_Full	22.54	25.31	33	PASS
N25	15	30	DFT-QPSK	M	Inner_1RB_Left	21.52	24.29	33	PASS
N25	15	30	DFT-QPSK	M	Inner_1RB_Right	21.36	24.13	33	PASS
N25	15	30	DFT-QPSK	M	Outer_Full	21.45	24.22	33	PASS
N25	15	30	DFT-16QAM	M	Inner_1RB_Left	20.33	23.1	33	PASS
N25	15	30	DFT-16QAM	M	Inner_1RB_Right	20.35	23.12	33	PASS
N25	15	30	DFT-16QAM	M	Outer_Full	20.42	23.19	33	PASS
N25	15	30	DFT-64QAM	M	Inner_1RB_Left	18.43	21.2	33	PASS
N25	15	30	DFT-64QAM	M	Inner_1RB_Right	18.55	21.32	33	PASS
N25	15	30	DFT-64QAM	M	Outer_Full	19	21.77	33	PASS
N25	15	30	DFT-256QAM	M	Inner_1RB_Left	23.67	26.44	33	PASS
N25	15	30	DFT-256QAM	M	Inner_1RB_Right	23.61	26.38	33	PASS
N25	15	30	DFT-256QAM	M	Outer_Full	23.03	25.8	33	PASS
N25	15	30	DFT-PI2BPSK	H	Inner_1RB_Left	23.6	26.37	33	PASS
N25	15	30	DFT-PI2BPSK	H	Inner_1RB_Right	23.5	26.27	33	PASS
N25	15	30	DFT-PI2BPSK	H	Outer_Full	22.61	25.38	33	PASS
N25	15	30	DFT-QPSK	H	Inner_1RB_Left	21.33	24.1	33	PASS
N25	15	30	DFT-QPSK	H	Inner_1RB_Right	21.52	24.29	33	PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pkft 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



N25	15	30	DFT-QPSK	H	Outer_Full	21.52	24.29	33	PASS
N25	15	30	DFT-16QAM	H	Inner_1RB_Left	21.24	24.01	33	PASS
N25	15	30	DFT-16QAM	H	Inner_1RB_Right	21.28	24.05	33	PASS
N25	15	30	DFT-16QAM	H	Outer_Full	21.06	23.83	33	PASS
N25	15	30	DFT-64QAM	H	Inner_1RB_Left	18.64	21.41	33	PASS
N25	15	30	DFT-64QAM	H	Inner_1RB_Right	18.55	21.32	33	PASS
N25	15	30	DFT-64QAM	H	Outer_Full	19.06	21.83	33	PASS
N25	15	30	DFT-256QAM	H	Inner_1RB_Left	23.59	26.36	33	PASS
N25	15	30	DFT-256QAM	H	Inner_1RB_Right	23.75	26.52	33	PASS
N25	15	30	DFT-256QAM	H	Outer_Full	23.03	25.8	33	PASS
N25	15	40	DFT-PI2BPSK	L	Inner_1RB_Left	23.51	26.28	33	PASS
N25	15	40	DFT-PI2BPSK	L	Inner_1RB_Right	23.67	26.44	33	PASS
N25	15	40	DFT-PI2BPSK	L	Outer_Full	22.53	25.3	33	PASS
N25	15	40	DFT-QPSK	L	Inner_1RB_Left	22.54	25.31	33	PASS
N25	15	40	DFT-QPSK	L	Inner_1RB_Right	22.58	25.35	33	PASS
N25	15	40	DFT-QPSK	L	Outer_Full	21.49	24.26	33	PASS
N25	15	40	DFT-16QAM	L	Inner_1RB_Left	21.31	24.08	33	PASS
N25	15	40	DFT-16QAM	L	Inner_1RB_Right	21.31	24.08	33	PASS
N25	15	40	DFT-16QAM	L	Outer_Full	21.01	23.78	33	PASS
N25	15	40	DFT-64QAM	L	Inner_1RB_Left	18.54	21.31	33	PASS
N25	15	40	DFT-64QAM	L	Inner_1RB_Right	18.58	21.35	33	PASS
N25	15	40	DFT-64QAM	L	Outer_Full	19	21.77	33	PASS
N25	15	40	DFT-256QAM	L	Inner_1RB_Left	23.49	26.26	33	PASS
N25	15	40	DFT-256QAM	L	Inner_1RB_Right	23.57	26.34	33	PASS
N25	15	40	DFT-256QAM	L	Outer_Full	23.06	25.83	33	PASS
N25	15	40	DFT-PI2BPSK	M	Inner_1RB_Left	23.41	26.18	33	PASS
N25	15	40	DFT-PI2BPSK	M	Inner_1RB_Right	23.48	26.25	33	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	22.51	25.28	33	PASS
N25	15	40	DFT-QPSK	M	Inner_1RB_Left	22.46	25.23	33	PASS
N25	15	40	DFT-QPSK	M	Inner_1RB_Right	22.59	25.36	33	PASS
N25	15	40	DFT-QPSK	M	Outer_Full	21.55	24.32	33	PASS
N25	15	40	DFT-16QAM	M	Inner_1RB_Left	21.09	23.86	33	PASS
N25	15	40	DFT-16QAM	M	Inner_1RB_Right	21.21	23.98	33	PASS
N25	15	40	DFT-16QAM	M	Outer_Full	21.08	23.85	33	PASS
N25	15	40	DFT-64QAM	M	Inner_1RB_Left	18.51	21.28	33	PASS
N25	15	40	DFT-64QAM	M	Inner_1RB_Right	18.47	21.24	33	PASS
N25	15	40	DFT-64QAM	M	Outer_Full	19	21.77	33	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

N25	15	40	DFT-256QAM	M	Inner_1RB_Left	23.66	26.43	33	PASS
N25	15	40	DFT-256QAM	M	Inner_1RB_Right	23.64	26.41	33	PASS
N25	15	40	DFT-256QAM	M	Outer_Full	23.08	25.85	33	PASS
N25	15	40	DFT-PI2BPSK	H	Inner_1RB_Left	23.51	26.28	33	PASS
N25	15	40	DFT-PI2BPSK	H	Inner_1RB_Right	23.52	26.29	33	PASS
N25	15	40	DFT-PI2BPSK	H	Outer_Full	22.52	25.29	33	PASS
N25	15	40	DFT-QPSK	H	Inner_1RB_Left	21.33	24.1	33	PASS
N25	15	40	DFT-QPSK	H	Inner_1RB_Right	21.52	24.29	33	PASS
N25	15	40	DFT-QPSK	H	Outer_Full	21.55	24.32	33	PASS
N25	15	40	DFT-16QAM	H	Inner_1RB_Left	21.24	24.01	33	PASS
N25	15	40	DFT-16QAM	H	Inner_1RB_Right	21.22	23.99	33	PASS
N25	15	40	DFT-16QAM	H	Outer_Full	21.06	23.83	33	PASS
N25	15	40	DFT-64QAM	H	Inner_1RB_Left	18.69	21.46	33	PASS
N25	15	40	DFT-64QAM	H	Inner_1RB_Right	18.55	21.32	33	PASS
N25	15	40	DFT-64QAM	H	Outer_Full	19.02	21.79	33	PASS
N25	15	40	DFT-256QAM	H	Inner_1RB_Left	23.42	26.19	33	PASS
N25	15	40	DFT-256QAM	H	Inner_1RB_Right	23.6	26.37	33	PASS
N25	15	40	DFT-256QAM	H	Outer_Full	23.07	25.84	33	PASS



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

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

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

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
N25	15	40	DFT-256QAM	L	Outer_Full	100%	0.00	9.13	≤13	PASS
N25	15	40	CP-256QAM	L	Outer_Full	100%	0.00	9.34	≤13	PASS
N25	15	40	DFT-256QAM	M	Outer_Full	100%	0.00	9.06	≤13	PASS
N25	15	40	CP-256QAM	M	Outer_Full	100%	0.00	9.56	≤13	PASS
N25	15	40	DFT-256QAM	H	Outer_Full	100%	0.00	9.00	≤13	PASS
N25	15	40	CP-256QAM	H	Outer_Full	100%	0.00	9.56	≤13	PASS



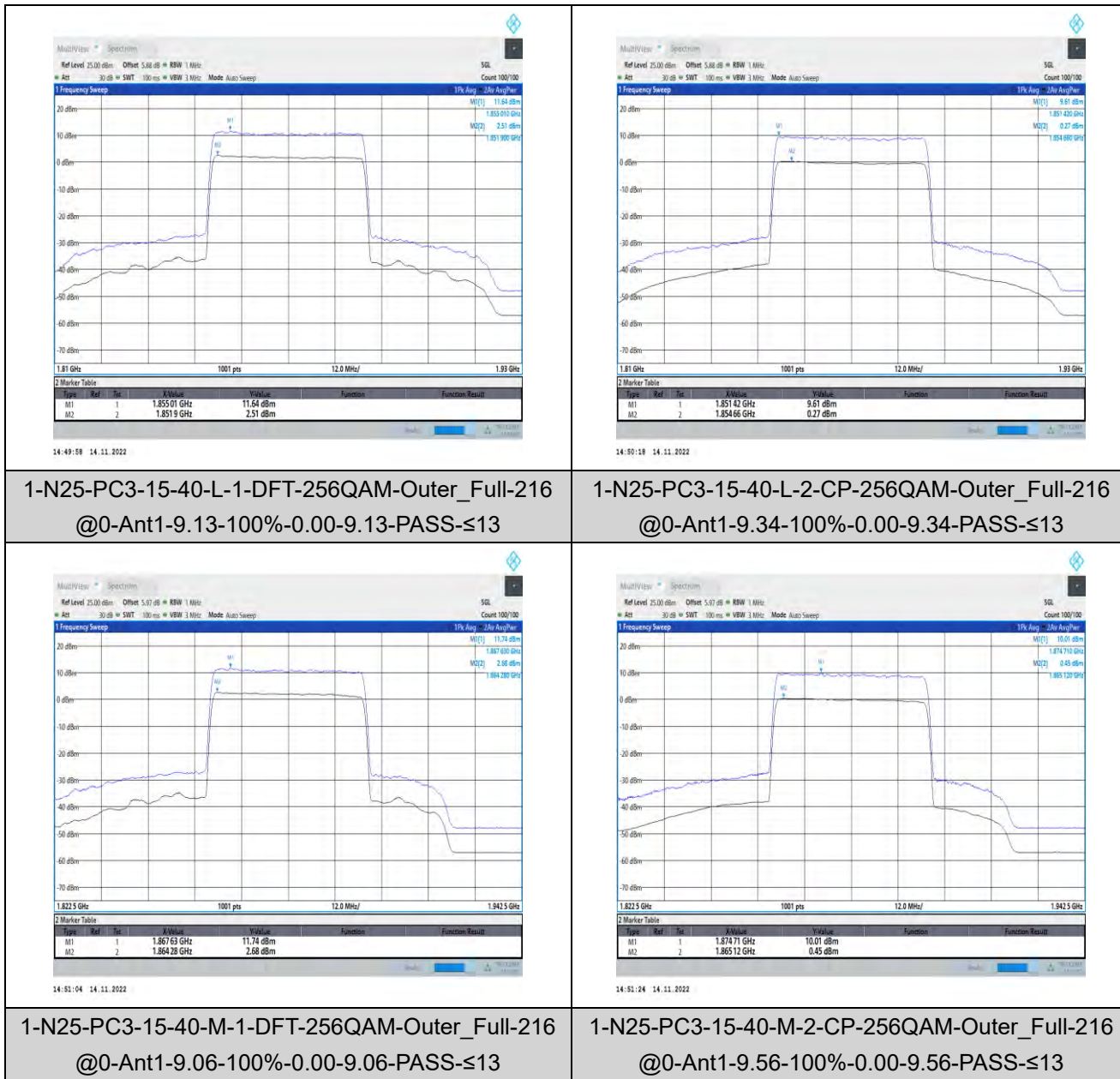
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

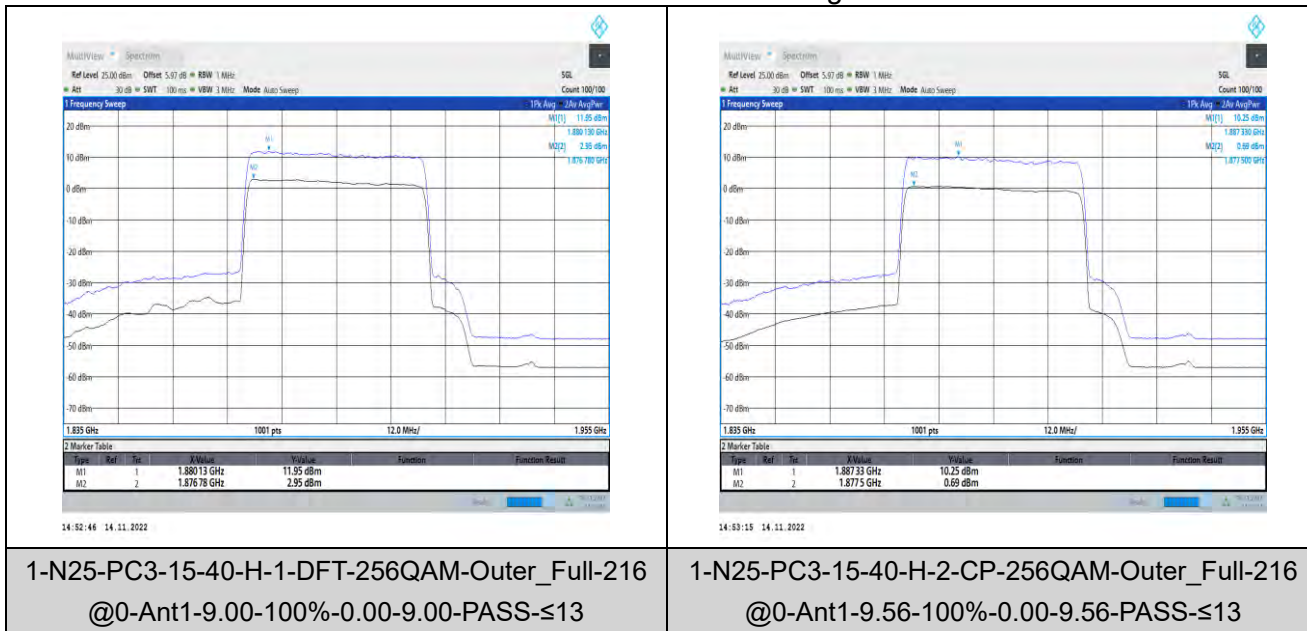
Test Graphs



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) Pk01 Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Modulation characteristics for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N25	15	40	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N25	15	40	DFT-QPSK	M	Outer_Full	see graph	PASS
N25	15	40	DFT-16QAM	M	Outer_Full	see graph	PASS
N25	15	40	DFT-64QAM	M	Outer_Full	see graph	PASS
N25	15	40	DFT-256QAM	M	Outer_Full	see graph	PASS
N25	15	40	CP-QPSK	M	Outer_Full	see graph	PASS
N25	15	40	CP-16QAM	M	Outer_Full	see graph	PASS
N25	15	40	CP-64QAM	M	Outer_Full	see graph	PASS
N25	15	40	CP-256QAM	M	Outer_Full	see graph	PASS



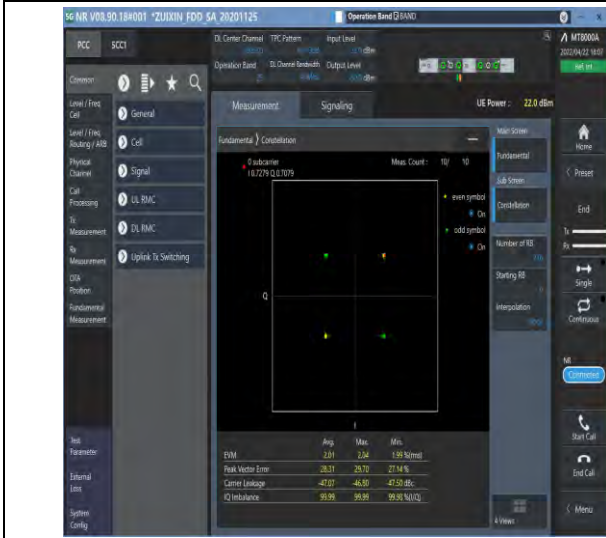
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

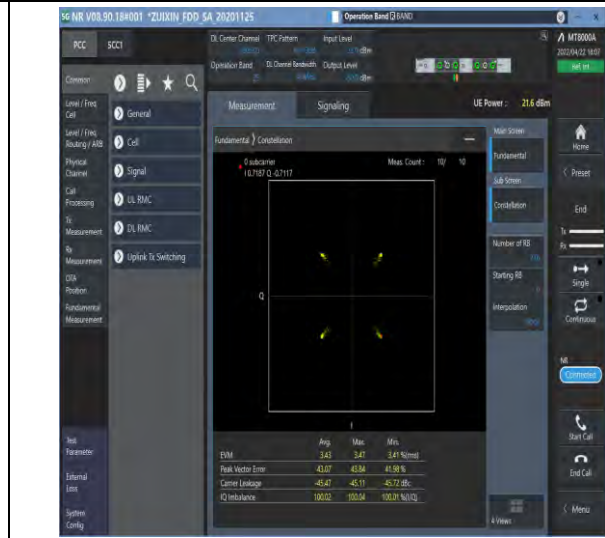
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

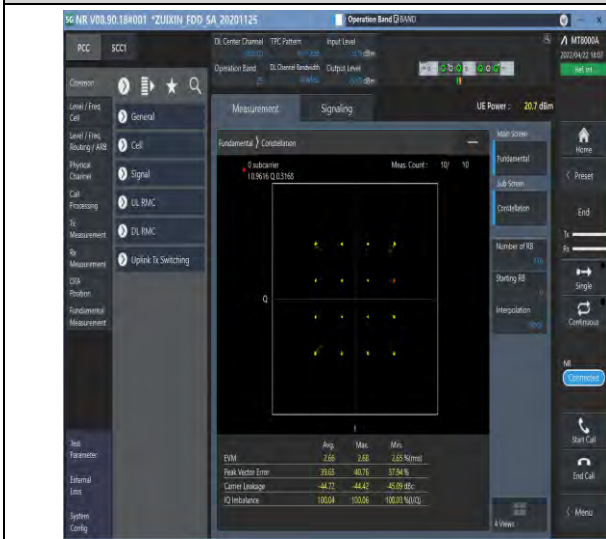
Test Graphs



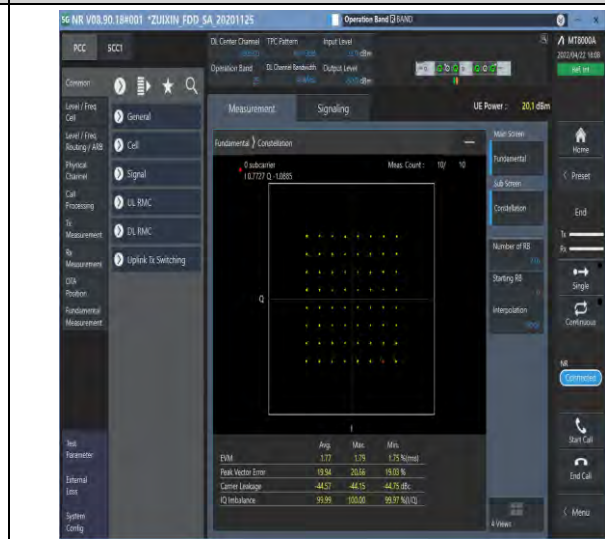
1-N25--15-40-M-1-DFT-PI2BPSK-Outer_Full-216@0-A
Ant1-see graph-PASS



1-N25--15-40-M-2-DFT-QPSK-Outer_Full-216@0-A
nt1-see graph-PASS



1-N25--15-40-M-3-DFT-16QAM-Outer_Full-216@0-A
nt1-see graph-PASS



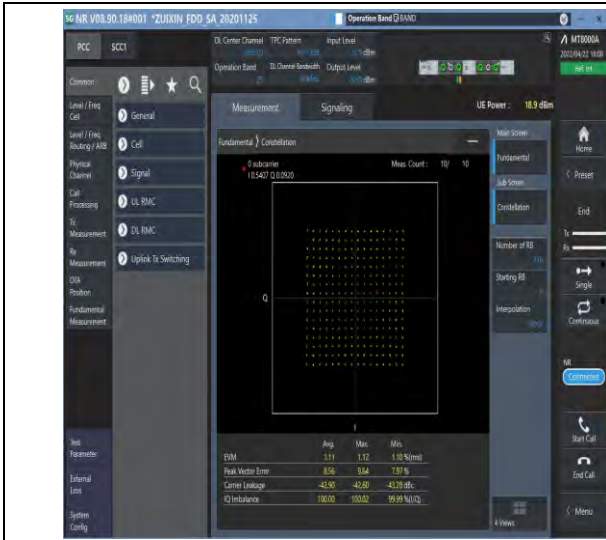
1-N25--15-40-M-4-DFT-64QAM-Outer_Full-216@0-A
Ant1-see graph-PASS



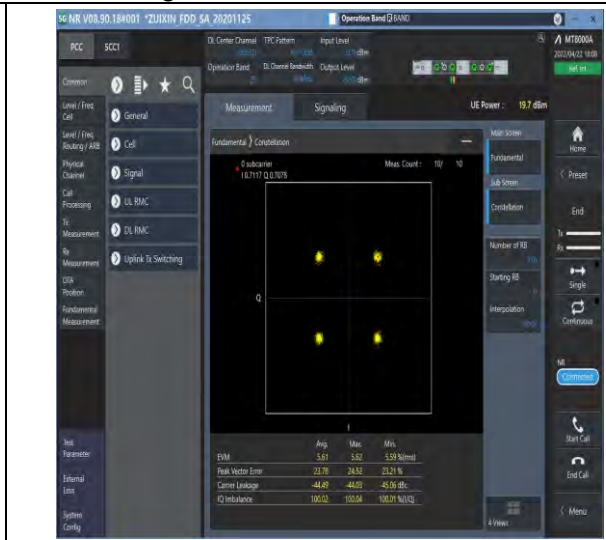
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

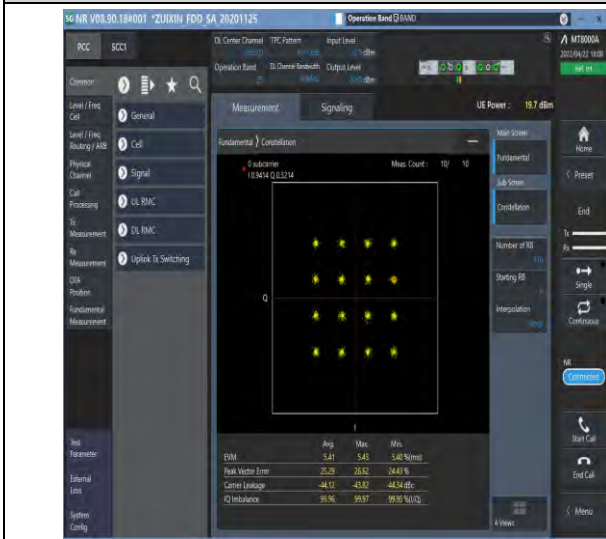
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com



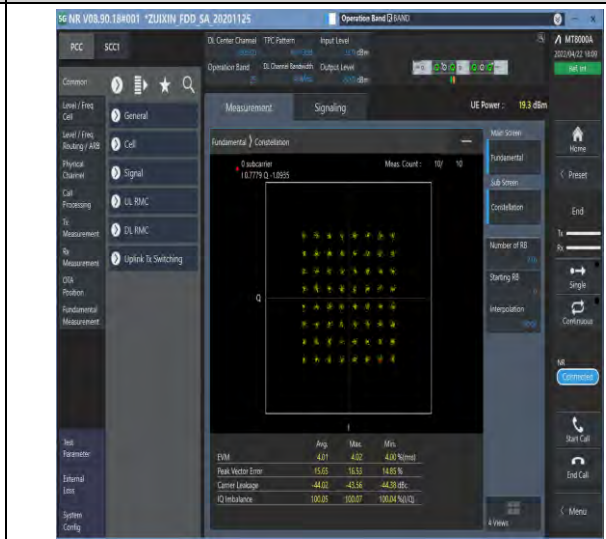
1-N25--15-40-M-5-DFT-256QAM-Outer_Full-216@0-Ant1-see graph-PASS



1-N25--15-40-M-6-CP-QPSK-Outer_Full-216@0-Ant1-see graph-PASS



1-N25--15-40-M-7-CP-16QAM-Outer_Full-216@0-Ant1-see graph-PASS



1-N25--15-40-M-8-CP-64QAM-Outer_Full-216@0-Ant1-see graph-PASS



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

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

<p>1-N25--15-40-M-9-CP-256QAM-Outer_Full-216@0-A nt1-see graph-PASS</p>	



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N25	15	5	DFT-QPSK	L	Outer_Full	4.491	4.940	PASS
N25	15	5	DFT-PI2BPSK	L	Outer_Full	4.477	5.050	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	4.494	5.090	PASS
N25	15	5	DFT-64QAM	L	Outer_Full	4.475	4.990	PASS
N25	15	5	DFT-256QAM	L	Outer_Full	4.489	5.140	PASS
N25	15	5	CP-QPSK	L	Outer_Full	4.475	5.080	PASS
N25	15	5	CP-16QAM	L	Outer_Full	4.495	5.170	PASS
N25	15	5	CP-64QAM	L	Outer_Full	4.476	5.160	PASS
N25	15	5	CP-256QAM	L	Outer_Full	4.477	5.090	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	4.476	4.890	PASS
N25	15	5	DFT-PI2BPSK	M	Outer_Full	4.481	5.000	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	4.501	5.060	PASS
N25	15	5	DFT-64QAM	M	Outer_Full	4.489	5.070	PASS
N25	15	5	DFT-256QAM	M	Outer_Full	4.485	4.940	PASS
N25	15	5	CP-QPSK	M	Outer_Full	4.482	5.040	PASS
N25	15	5	CP-16QAM	M	Outer_Full	4.48	5.130	PASS
N25	15	5	CP-64QAM	M	Outer_Full	4.481	5.100	PASS
N25	15	5	CP-256QAM	M	Outer_Full	4.491	5.130	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	4.476	4.970	PASS
N25	15	5	DFT-PI2BPSK	H	Outer_Full	4.471	4.950	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	4.491	5.020	PASS
N25	15	5	DFT-64QAM	H	Outer_Full	4.464	5.010	PASS
N25	15	5	DFT-256QAM	H	Outer_Full	4.487	5.120	PASS
N25	15	5	CP-QPSK	H	Outer_Full	4.485	5.130	PASS
N25	15	5	CP-16QAM	H	Outer_Full	4.498	5.150	PASS
N25	15	5	CP-64QAM	H	Outer_Full	4.489	5.010	PASS
N25	15	5	CP-256QAM	H	Outer_Full	4.476	5.090	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	8.935	9.620	PASS
N25	15	10	DFT-PI2BPSK	L	Outer_Full	8.921	9.680	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	8.968	9.660	PASS
N25	15	10	DFT-64QAM	L	Outer_Full	8.954	9.580	PASS
N25	15	10	DFT-256QAM	L	Outer_Full	8.944	9.600	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2206000070RG02

Rev.: 01

Page: 18 of 97

N25	15	10	CP-QPSK	L	Outer_Full	9.312	10.100	PASS
N25	15	10	CP-16QAM	L	Outer_Full	9.268	10.100	PASS
N25	15	10	CP-64QAM	L	Outer_Full	9.29	10.160	PASS
N25	15	10	CP-256QAM	L	Outer_Full	9.322	10.140	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	8.931	9.640	PASS
N25	15	10	DFT-PI2BPSK	M	Outer_Full	8.914	9.620	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	8.947	9.680	PASS
N25	15	10	DFT-64QAM	M	Outer_Full	8.944	9.640	PASS
N25	15	10	DFT-256QAM	M	Outer_Full	8.942	9.580	PASS
N25	15	10	CP-QPSK	M	Outer_Full	9.293	10.220	PASS
N25	15	10	CP-16QAM	M	Outer_Full	9.3	10.020	PASS
N25	15	10	CP-64QAM	M	Outer_Full	9.302	10.120	PASS
N25	15	10	CP-256QAM	M	Outer_Full	9.303	9.980	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	8.932	9.540	PASS
N25	15	10	DFT-PI2BPSK	H	Outer_Full	8.911	9.440	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	8.945	9.740	PASS
N25	15	10	DFT-64QAM	H	Outer_Full	8.947	9.500	PASS
N25	15	10	DFT-256QAM	H	Outer_Full	8.94	9.780	PASS
N25	15	10	CP-QPSK	H	Outer_Full	9.293	10.000	PASS
N25	15	10	CP-16QAM	H	Outer_Full	9.275	10.140	PASS
N25	15	10	CP-64QAM	H	Outer_Full	9.28	9.960	PASS
N25	15	10	CP-256QAM	H	Outer_Full	9.257	9.980	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	13.446	14.400	PASS
N25	15	15	DFT-PI2BPSK	L	Outer_Full	14.096	15.060	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	13.44	14.250	PASS
N25	15	15	DFT-64QAM	L	Outer_Full	13.447	14.250	PASS
N25	15	15	DFT-256QAM	L	Outer_Full	13.44	14.250	PASS
N25	15	15	CP-QPSK	L	Outer_Full	14.096	15.060	PASS
N25	15	15	CP-16QAM	L	Outer_Full	14.154	15.030	PASS
N25	15	15	CP-64QAM	L	Outer_Full	14.156	15.120	PASS
N25	15	15	CP-256QAM	L	Outer_Full	14.141	15.090	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	13.452	14.430	PASS
N25	15	15	DFT-PI2BPSK	M	Outer_Full	13.451	14.310	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	13.462	14.370	PASS
N25	15	15	DFT-64QAM	M	Outer_Full	13.445	14.310	PASS
N25	15	15	DFT-256QAM	M	Outer_Full	13.443	14.400	PASS
N25	15	15	CP-QPSK	M	Outer_Full	14.117	15.090	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2206000070RG02

Rev.: 01

Page: 19 of 97

N25	15	15	CP-16QAM	M	Outer_Full	14.104	15.120	PASS
N25	15	15	CP-64QAM	M	Outer_Full	14.128	15.060	PASS
N25	15	15	CP-256QAM	M	Outer_Full	14.134	14.970	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	13.421	14.400	PASS
N25	15	15	DFT-PI2BPSK	H	Outer_Full	13.425	14.460	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	13.429	14.550	PASS
N25	15	15	DFT-64QAM	H	Outer_Full	13.429	14.280	PASS
N25	15	15	DFT-256QAM	H	Outer_Full	13.437	14.280	PASS
N25	15	15	CP-QPSK	H	Outer_Full	14.116	14.940	PASS
N25	15	15	CP-16QAM	H	Outer_Full	14.121	15.060	PASS
N25	15	15	CP-64QAM	H	Outer_Full	14.099	15.060	PASS
N25	15	15	CP-256QAM	H	Outer_Full	14.122	15.090	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	17.888	18.800	PASS
N25	15	20	DFT-PI2BPSK	L	Outer_Full	17.891	18.720	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	17.879	18.640	PASS
N25	15	20	DFT-64QAM	L	Outer_Full	17.86	18.760	PASS
N25	15	20	DFT-256QAM	L	Outer_Full	17.871	18.720	PASS
N25	15	20	CP-QPSK	L	Outer_Full	18.969	20.160	PASS
N25	15	20	CP-16QAM	L	Outer_Full	18.983	19.960	PASS
N25	15	20	CP-64QAM	L	Outer_Full	18.916	19.800	PASS
N25	15	20	CP-256QAM	L	Outer_Full	18.985	19.920	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	17.911	18.880	PASS
N25	15	20	DFT-PI2BPSK	M	Outer_Full	17.884	18.680	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	17.897	18.760	PASS
N25	15	20	DFT-64QAM	M	Outer_Full	17.929	18.880	PASS
N25	15	20	DFT-256QAM	M	Outer_Full	17.907	18.760	PASS
N25	15	20	CP-QPSK	M	Outer_Full	18.894	19.960	PASS
N25	15	20	CP-16QAM	M	Outer_Full	18.956	20.000	PASS
N25	15	20	CP-64QAM	M	Outer_Full	18.968	20.000	PASS
N25	15	20	CP-256QAM	M	Outer_Full	18.988	20.000	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	17.879	18.760	PASS
N25	15	20	DFT-PI2BPSK	H	Outer_Full	17.903	18.760	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	17.893	18.680	PASS
N25	15	20	DFT-64QAM	H	Outer_Full	17.919	18.840	PASS
N25	15	20	DFT-256QAM	H	Outer_Full	17.861	18.760	PASS
N25	15	20	CP-QPSK	H	Outer_Full	18.896	20.080	PASS
N25	15	20	CP-16QAM	H	Outer_Full	18.926	20.000	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62982980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62982980 sgs.china@sgs.com



Report No.: SEWM2206000070RG02

Rev.: 01

Page: 20 of 97

N25	15	20	CP-64QAM	H	Outer_Full	18.936	19.600	PASS
N25	15	20	CP-256QAM	H	Outer_Full	18.944	19.880	PASS
N25	15	25	DFT-QPSK	L	Outer_Full	22.915	23.800	PASS
N25	15	25	DFT-PI2BPSK	L	Outer_Full	22.908	24.150	PASS
N25	15	25	DFT-16QAM	L	Outer_Full	22.947	23.900	PASS
N25	15	25	DFT-64QAM	L	Outer_Full	22.874	24.000	PASS
N25	15	25	DFT-256QAM	L	Outer_Full	22.875	23.900	PASS
N25	15	25	CP-QPSK	L	Outer_Full	23.782	24.900	PASS
N25	15	25	CP-16QAM	L	Outer_Full	23.782	24.950	PASS
N25	15	25	CP-64QAM	L	Outer_Full	23.75	25.050	PASS
N25	15	25	CP-256QAM	L	Outer_Full	23.745	25.100	PASS
N25	15	25	DFT-QPSK	M	Outer_Full	22.878	24.100	PASS
N25	15	25	DFT-PI2BPSK	M	Outer_Full	22.91	23.850	PASS
N25	15	25	DFT-16QAM	M	Outer_Full	22.906	23.900	PASS
N25	15	25	DFT-64QAM	M	Outer_Full	22.871	23.850	PASS
N25	15	25	DFT-256QAM	M	Outer_Full	22.88	23.950	PASS
N25	15	25	CP-QPSK	M	Outer_Full	23.727	25.000	PASS
N25	15	25	CP-16QAM	M	Outer_Full	23.703	25.100	PASS
N25	15	25	CP-64QAM	M	Outer_Full	23.777	24.950	PASS
N25	15	25	CP-256QAM	M	Outer_Full	23.794	25.000	PASS
N25	15	25	DFT-QPSK	H	Outer_Full	22.856	23.900	PASS
N25	15	25	DFT-PI2BPSK	H	Outer_Full	22.889	24.000	PASS
N25	15	25	DFT-16QAM	H	Outer_Full	22.906	23.900	PASS
N25	15	25	DFT-64QAM	H	Outer_Full	22.846	23.950	PASS
N25	15	25	DFT-256QAM	H	Outer_Full	22.862	23.900	PASS
N25	15	25	CP-QPSK	H	Outer_Full	23.695	24.750	PASS
N25	15	25	CP-16QAM	H	Outer_Full	23.767	24.950	PASS
N25	15	25	CP-64QAM	H	Outer_Full	23.752	24.900	PASS
N25	15	25	CP-256QAM	H	Outer_Full	23.731	25.050	PASS
N25	15	30	DFT-QPSK	L	Outer_Full	28.626	29.880	PASS
N25	15	30	DFT-PI2BPSK	L	Outer_Full	28.627	29.880	PASS
N25	15	30	DFT-16QAM	L	Outer_Full	28.573	29.700	PASS
N25	15	30	DFT-64QAM	L	Outer_Full	28.597	29.640	PASS
N25	15	30	DFT-256QAM	L	Outer_Full	28.616	29.820	PASS
N25	15	30	CP-QPSK	L	Outer_Full	28.542	29.700	PASS
N25	15	30	CP-16QAM	L	Outer_Full	28.593	29.820	PASS
N25	15	30	CP-64QAM	L	Outer_Full	28.499	29.760	PASS



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

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

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



Report No.: SEWM2206000070RG02

Rev.: 01

Page: 21 of 97

N25	15	30	CP-256QAM	L	Outer_Full	28.593	29.820	PASS
N25	15	30	DFT-QPSK	M	Outer_Full	28.596	29.820	PASS
N25	15	30	DFT-PI2BPSK	M	Outer_Full	28.582	29.760	PASS
N25	15	30	DFT-16QAM	M	Outer_Full	28.526	29.580	PASS
N25	15	30	DFT-64QAM	M	Outer_Full	28.597	29.760	PASS
N25	15	30	DFT-256QAM	M	Outer_Full	28.595	29.760	PASS
N25	15	30	CP-QPSK	M	Outer_Full	28.554	29.880	PASS
N25	15	30	CP-16QAM	M	Outer_Full	28.525	29.700	PASS
N25	15	30	CP-64QAM	M	Outer_Full	28.502	29.700	PASS
N25	15	30	CP-256QAM	M	Outer_Full	28.62	29.940	PASS
N25	15	30	DFT-QPSK	H	Outer_Full	28.546	29.820	PASS
N25	15	30	DFT-PI2BPSK	H	Outer_Full	28.58	29.760	PASS
N25	15	30	DFT-16QAM	H	Outer_Full	28.546	29.640	PASS
N25	15	30	DFT-64QAM	H	Outer_Full	28.572	29.700	PASS
N25	15	30	DFT-256QAM	H	Outer_Full	28.59	29.820	PASS
N25	15	30	CP-QPSK	H	Outer_Full	28.534	29.760	PASS
N25	15	30	CP-16QAM	H	Outer_Full	28.629	29.940	PASS
N25	15	30	CP-64QAM	H	Outer_Full	28.563	29.760	PASS
N25	15	30	CP-256QAM	H	Outer_Full	28.527	29.760	PASS
N25	15	40	DFT-QPSK	L	Outer_Full	38.633	40.160	PASS
N25	15	40	DFT-PI2BPSK	L	Outer_Full	38.565	40.240	PASS
N25	15	40	DFT-16QAM	L	Outer_Full	38.622	40.320	PASS
N25	15	40	DFT-64QAM	L	Outer_Full	38.624	40.160	PASS
N25	15	40	DFT-256QAM	L	Outer_Full	38.517	40.160	PASS
N25	15	40	CP-QPSK	L	Outer_Full	38.56	40.320	PASS
N25	15	40	CP-16QAM	L	Outer_Full	38.572	40.320	PASS
N25	15	40	CP-64QAM	L	Outer_Full	38.512	40.160	PASS
N25	15	40	CP-256QAM	L	Outer_Full	38.654	40.160	PASS
N25	15	40	DFT-QPSK	M	Outer_Full	38.488	40.240	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	38.474	40.240	PASS
N25	15	40	DFT-16QAM	M	Outer_Full	38.579	40.160	PASS
N25	15	40	DFT-64QAM	M	Outer_Full	38.555	40.240	PASS
N25	15	40	DFT-256QAM	M	Outer_Full	38.503	40.240	PASS
N25	15	40	CP-QPSK	M	Outer_Full	38.512	40.160	PASS
N25	15	40	CP-16QAM	M	Outer_Full	38.487	40.240	PASS
N25	15	40	CP-64QAM	M	Outer_Full	38.55	40.160	PASS
N25	15	40	CP-256QAM	M	Outer_Full	38.485	40.240	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2206000070RG02

Rev.: 01

Page: 22 of 97

N25	15	40	DFT-QPSK	H	Outer_Full	38.486	40.240	PASS
N25	15	40	DFT-PI2BPSK	H	Outer_Full	38.478	40.160	PASS
N25	15	40	DFT-16QAM	H	Outer_Full	38.509	40.240	PASS
N25	15	40	DFT-64QAM	H	Outer_Full	38.479	40.160	PASS
N25	15	40	DFT-256QAM	H	Outer_Full	38.567	40.400	PASS
N25	15	40	CP-QPSK	H	Outer_Full	38.545	40.320	PASS
N25	15	40	CP-16QAM	H	Outer_Full	38.492	40.160	PASS
N25	15	40	CP-64QAM	H	Outer_Full	38.537	40.240	PASS
N25	15	40	CP-256QAM	H	Outer_Full	38.574	40.160	PASS

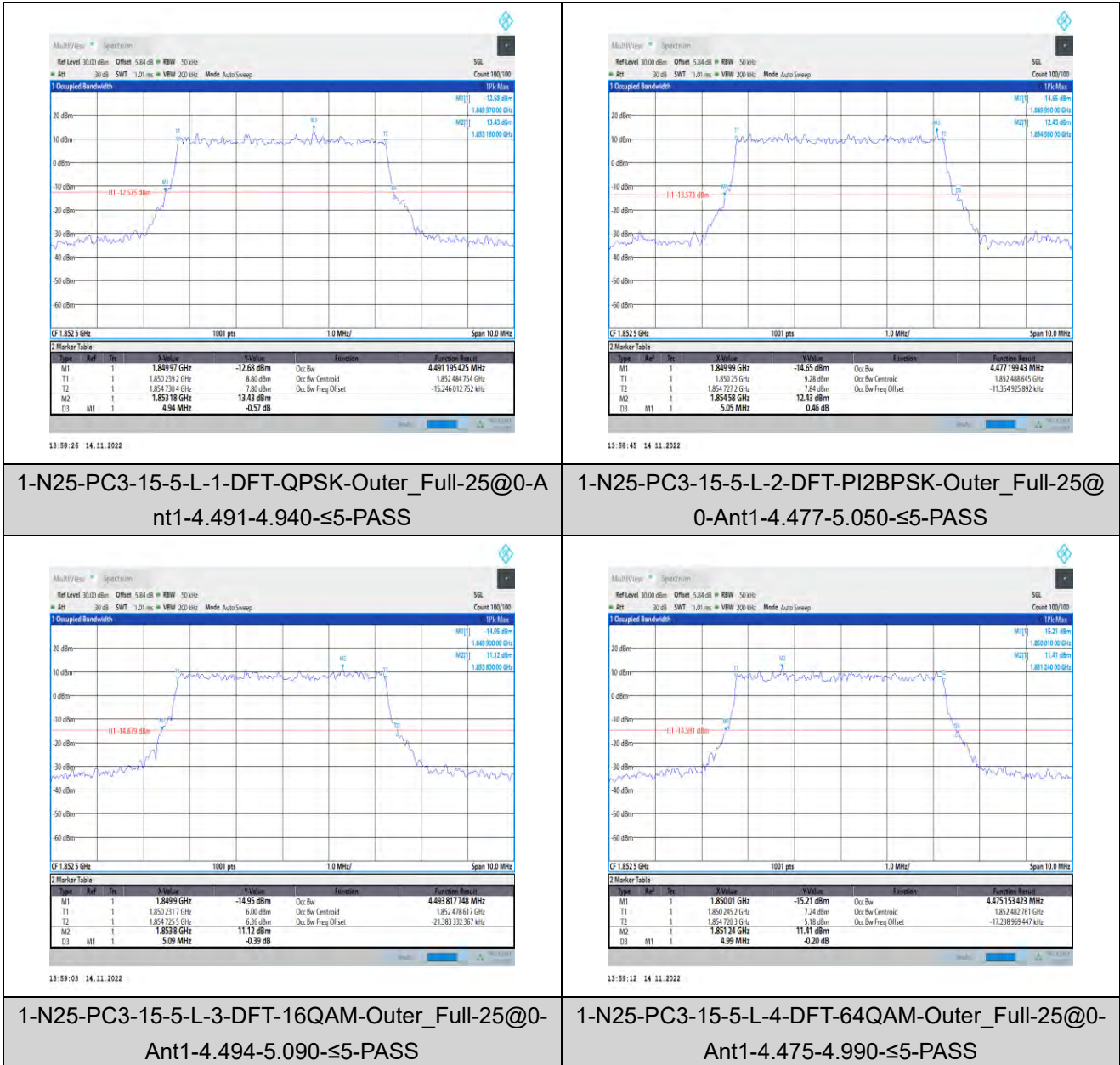


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

Test Graphs



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

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



1-N25-PC3-15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.489-5.140-≤5-PASS

1-N25-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-An t1-4.475-5.080-≤5-PASS



1-N25-PC3-15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant1-4.495-5.170-≤5-PASS

1-N25-PC3-15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-4.476-5.160-≤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) Pkx 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6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



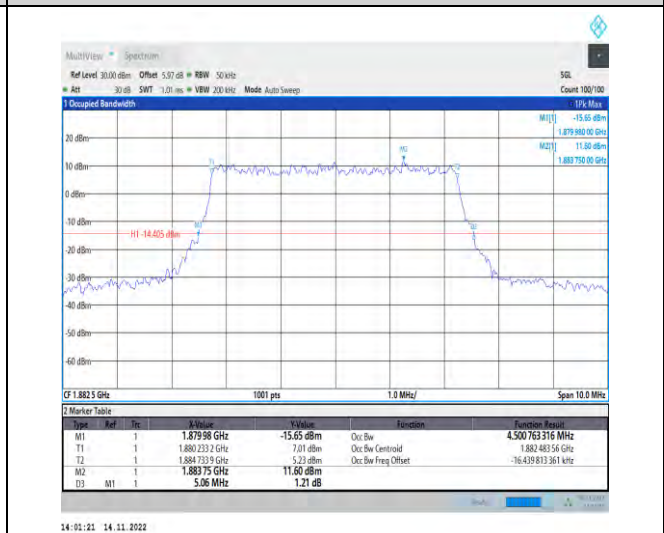
1-N25-PC3-15-5-L-9-CP-256QAM-Outer_Full-25@0-Ant1-4.477-5.090-≤5-PASS



1-N25-PC3-15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.476-4.890-≤5-PASS



1-N25-PC3-15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.481-5.000-≤5-PASS



1-N25-PC3-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.501-5.060-≤5-PASS



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

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



1-N25-PC3-15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.489-5.070-≤5-PASS



1-N25-PC3-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.485-4.940-≤5-PASS



1-N25-PC3-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.482-5.040-≤5-PASS

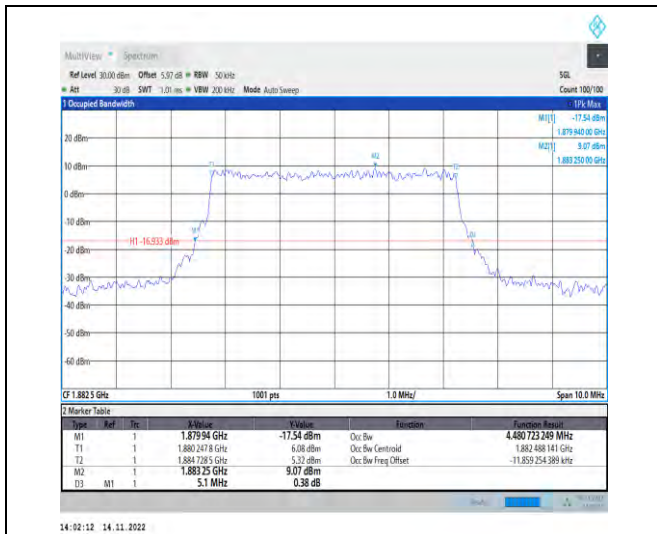


1-N25-PC3-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-4.48-5.130-≤5-PASS



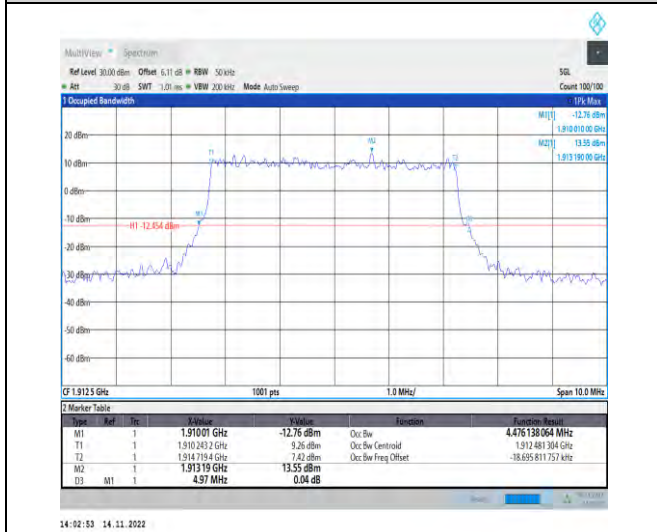
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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) Pkx Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N25-PC3-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1-4.481-5.100-≤5-PASS

1-N25-PC3-15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant1-4.491-5.130-≤5-PASS



1-N25-PC3-15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.476-4.970-≤5-PASS

1-N25-PC3-15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.471-4.950-≤5-PASS

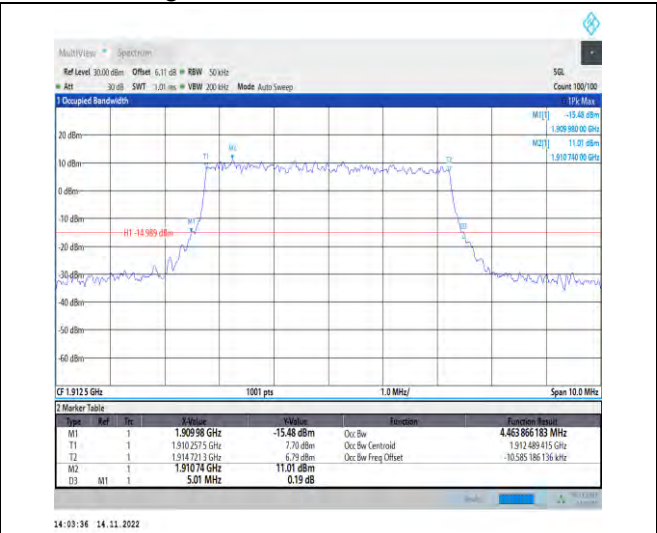


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



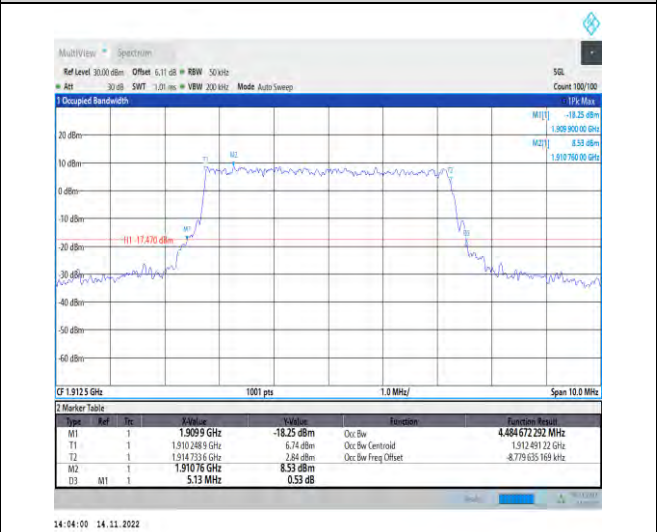
1-N25-PC3-15-5-H-3-DFT-16QAM-Outer_Full-25@0
-Ant1-4.491-5.020-≤5-PASS



1-N25-PC3-15-5-H-4-DFT-64QAM-Outer_Full-25@0
-Ant1-4.464-5.010-≤5-PASS



1-N25-PC3-15-5-H-5-DFT-256QAM-Outer_Full-25@0
0-Ant1-4.487-5.120-≤5-PASS

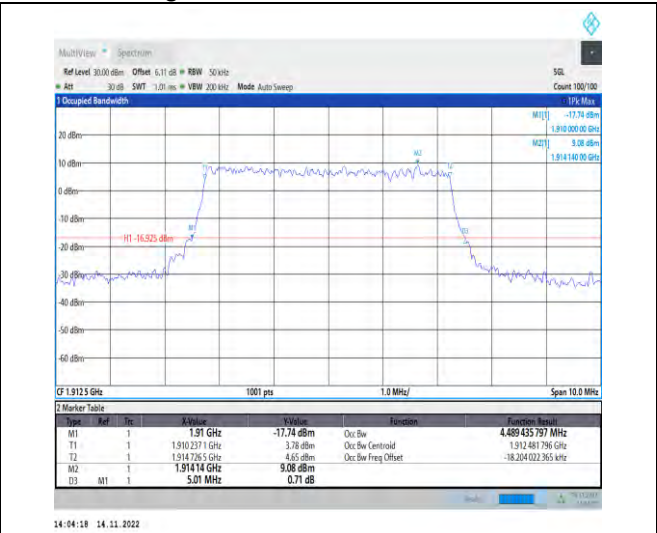


1-N25-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-A
nt1-4.485-5.130-≤5-PASS



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

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



1-N25-PC3-15-5-H-7-CP-16QAM-Outer_Full-25@0-Ant1-4.498-5.150-≤5-PASS

1-N25-PC3-15-5-H-8-CP-64QAM-Outer_Full-25@0-Ant1-4.489-5.010-≤5-PASS



1-N25-PC3-15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant1-4.476-5.090-≤5-PASS

1-N25-PC3-15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.935-9.620-≤10-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(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) Pkx Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N25-PC3-15-10-L-2-DFT-PI2BPSK-Outer_Full-50 @0-Ant1-8.921-9.680-≤10-PASS

1-N25-PC3-15-10-L-3-DFT-16QAM-Outer_Full-50 @0-Ant1-8.968-9.660-≤10-PASS



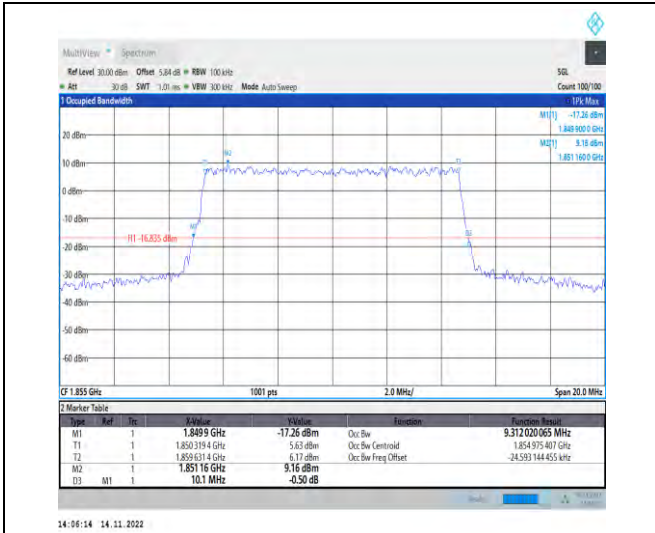
1-N25-PC3-15-10-L-4-DFT-64QAM-Outer_Full-50 @0-Ant1-8.954-9.580-≤10-PASS

1-N25-PC3-15-10-L-5-DFT-256QAM-Outer_Full-50 @0-Ant1-8.944-9.600-≤10-PASS

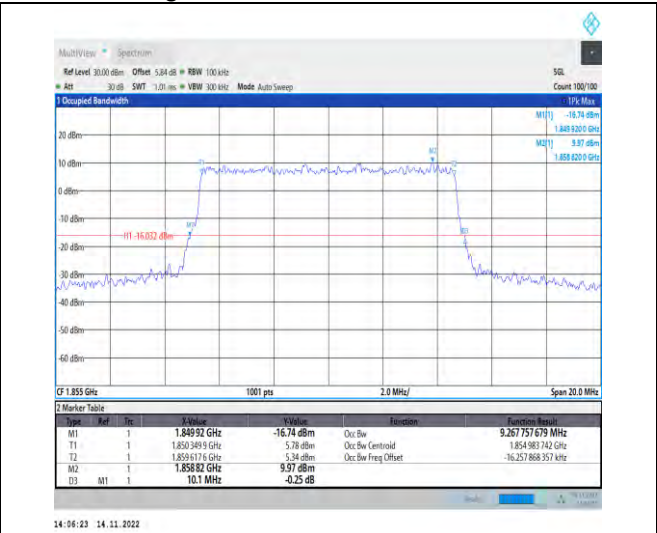


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pkx 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6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



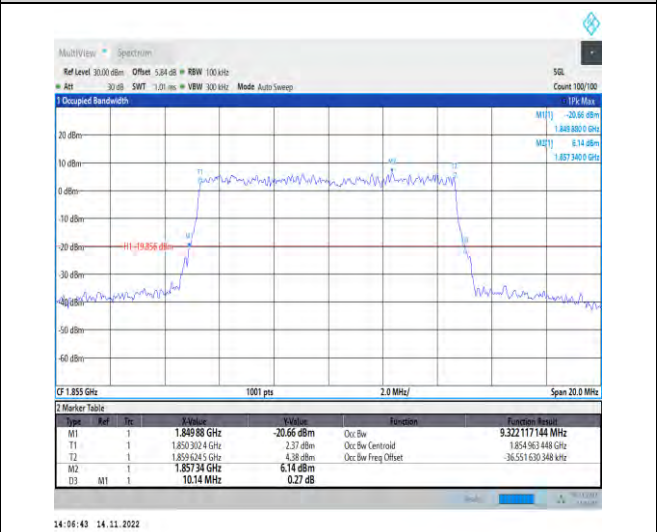
1-N25-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-A
nt1-9.312-10.100-≤10-PASS



1-N25-PC3-15-10-L-7-CP-16QAM-Outer_Full-52@0-A
Ant1-9.268-10.100-≤10-PASS



1-N25-PC3-15-10-L-8-CP-64QAM-Outer_Full-52@0-A
Ant1-9.29-10.160-≤10-PASS

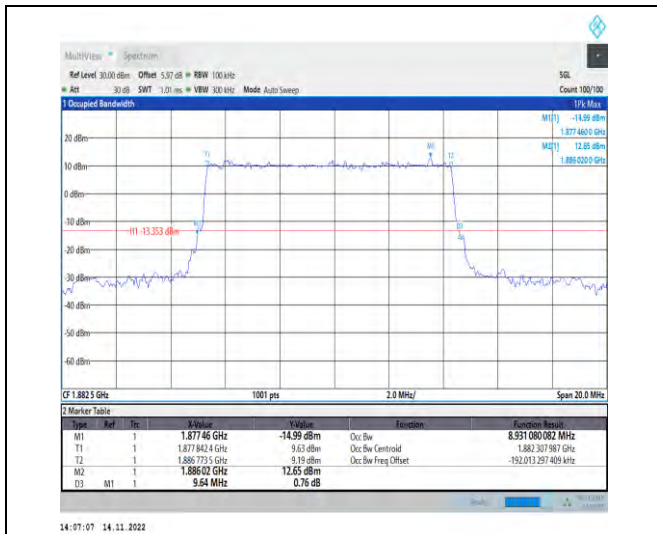


1-N25-PC3-15-10-L-9-CP-256QAM-Outer_Full-52@0-A
Ant1-9.322-10.140-≤10-PASS



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

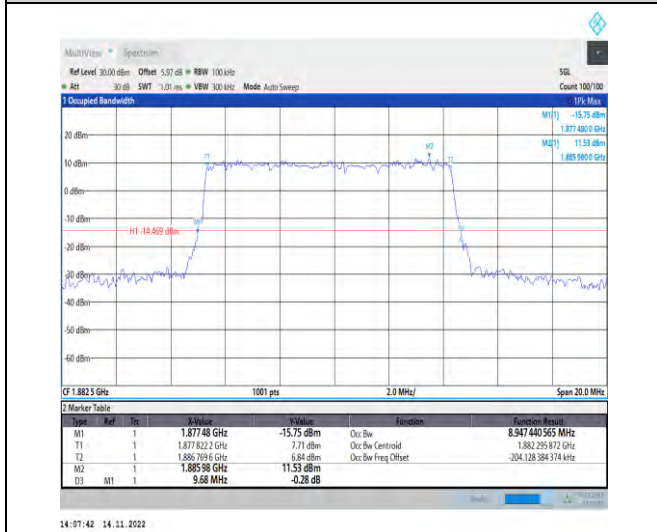
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pkix Free Trade Zone 215000 t (86-512) 62992980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



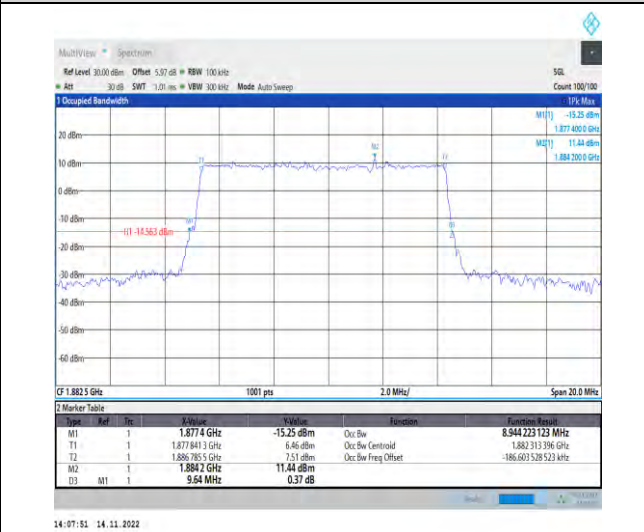
1-N25-PC3-15-10-M-1-DFT-QPSK-Outer_Full-50@0
 -Ant1-8.931-9.640-≤10-PASS



1-N25-PC3-15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0
 @0-Ant1-8.914-9.620-≤10-PASS



1-N25-PC3-15-10-M-3-DFT-16QAM-Outer_Full-50@0
 0-Ant1-8.947-9.680-≤10-PASS

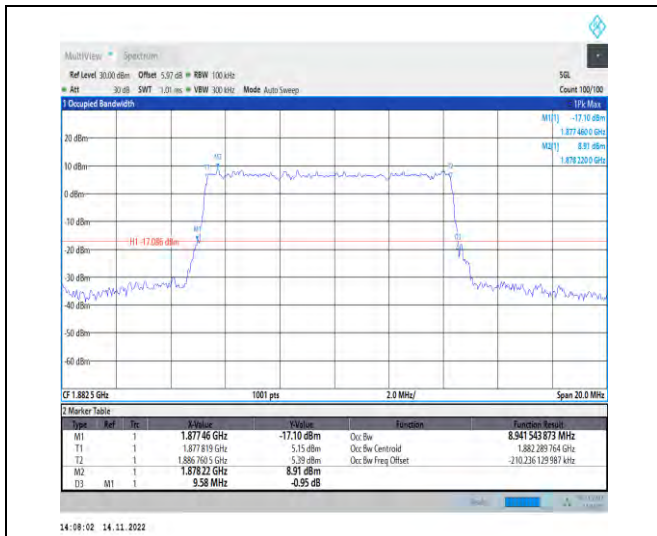


1-N25-PC3-15-10-M-4-DFT-64QAM-Outer_Full-50@0
 0-Ant1-8.944-9.640-≤10-PASS

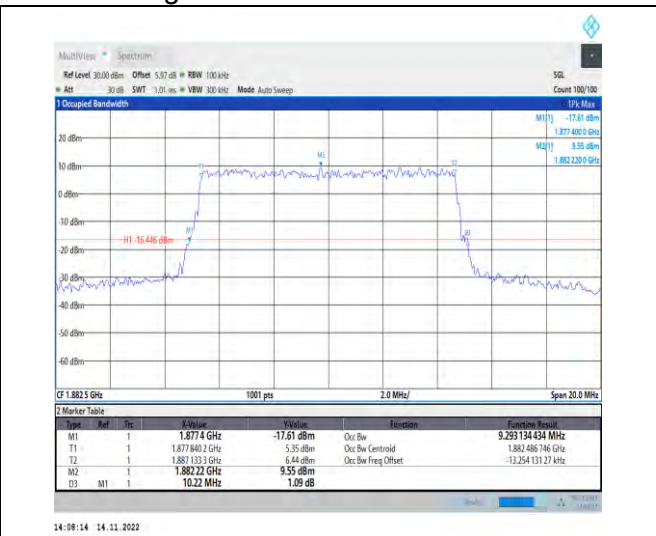


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

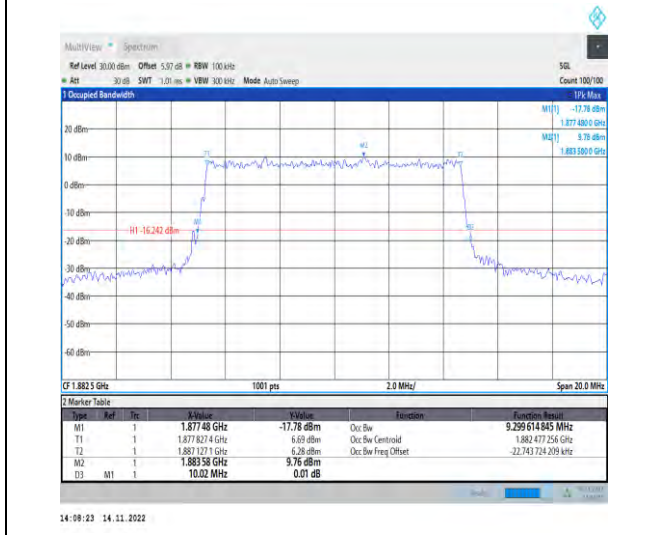
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980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



1-N25-PC3-15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.942-9.580-≤10-PASS



1-N25-PC3-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-9.293-10.220-≤10-PASS



1-N25-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-9.3-10.020-≤10-PASS



1-N25-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-9.302-10.120-≤10-PASS

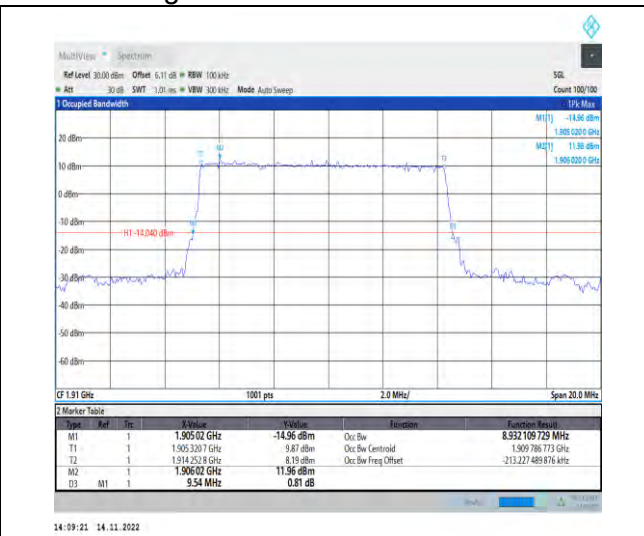


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



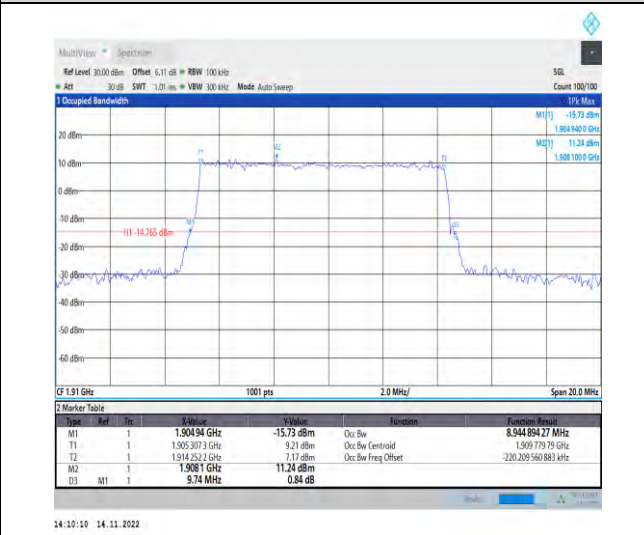
1-N25-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant1-9.303-9.980-≤10-PASS



1-N25-PC3-15-10-H-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.932-9.540-≤10-PASS



1-N25-PC3-15-10-H-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.911-9.440-≤10-PASS



1-N25-PC3-15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.945-9.740-≤10-PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N25-PC3-15-10-H-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.947-9.500-≤10-PASS



1-N25-PC3-15-10-H-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.94-9.780-≤10-PASS



1-N25-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-9.293-10.000-≤10-PASS



1-N25-PC3-15-10-H-7-CP-16QAM-Outer_Full-52@0-Ant1-9.275-10.140-≤10-PASS

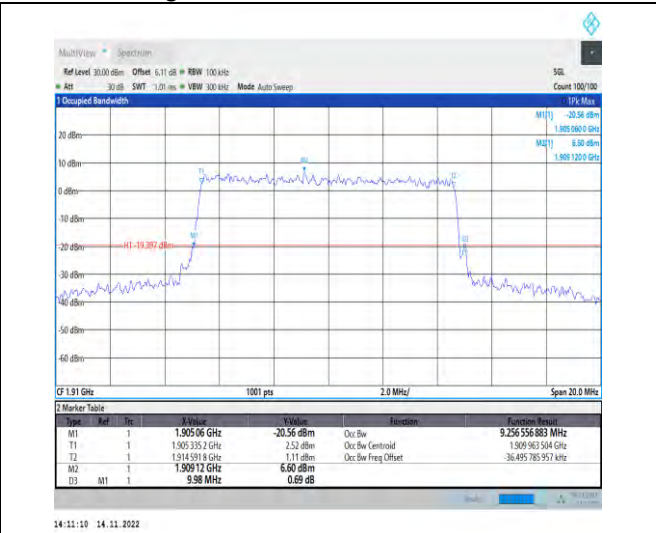


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N25-PC3-15-10-H-8-CP-64QAM-Outer_Full-52@0
-Ant1-9.28-9.960-≤10-PASS



1-N25-PC3-15-10-H-9-CP-256QAM-Outer_Full-52@0
-Ant1-9.257-9.980-≤10-PASS



1-N25-PC3-15-15-L-1-DFT-QPSK-Outer_Full-75@0-
Ant1-13.446-14.400-≤15-PASS



1-N25-PC3-15-15-L-2-DFT-PI2BPSK-Outer_Full-75@0-
Ant1-13.358-14.070-≤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) 83071443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pkx Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N25-PC3-15-15-L-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.44-14.250-≤15-PASS

1-N25-PC3-15-15-L-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.447-14.250-≤15-PASS



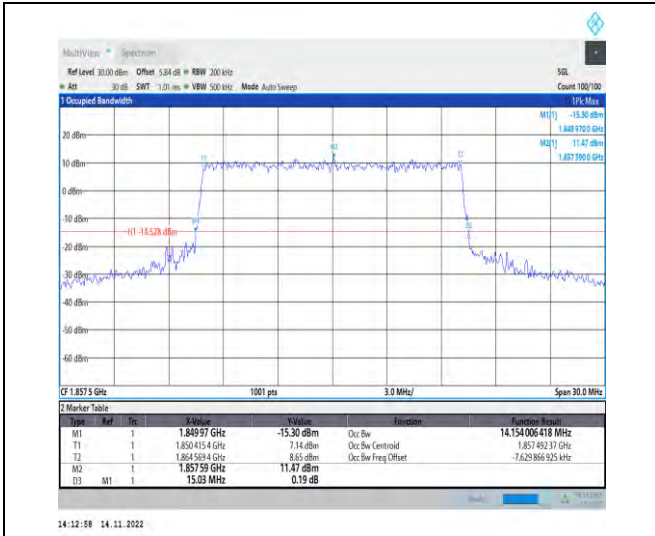
1-N25-PC3-15-15-L-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.44-14.250-≤15-PASS

1-N25-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-14.096-15.060-≤15-PASS



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

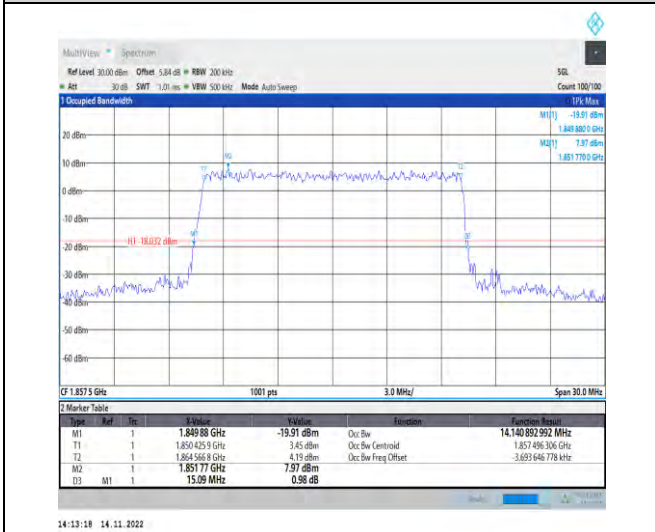
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pkx Free Trade Zone 215000 t (86-512) 62992980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



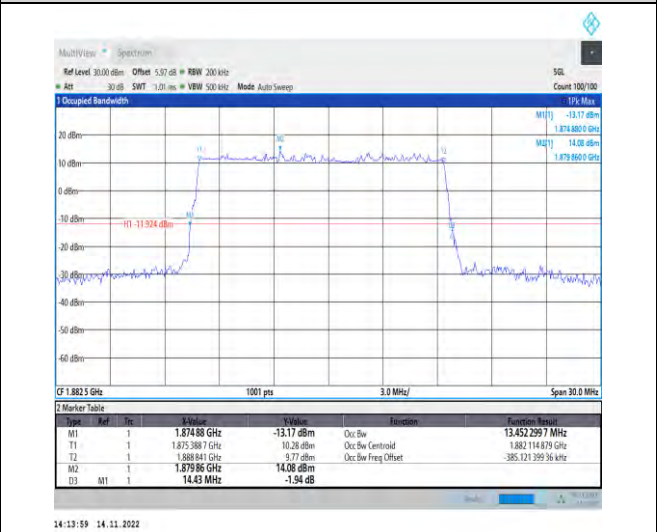
1-N25-PC3-15-15-L-7-CP-16QAM-Outer_Full-79@0-Ant1-14.154-15.030-≤15-PASS



1-N25-PC3-15-15-L-8-CP-64QAM-Outer_Full-79@0-Ant1-14.156-15.120-≤15-PASS



1-N25-PC3-15-15-L-9-CP-256QAM-Outer_Full-79@0-Ant1-14.141-15.090-≤15-PASS

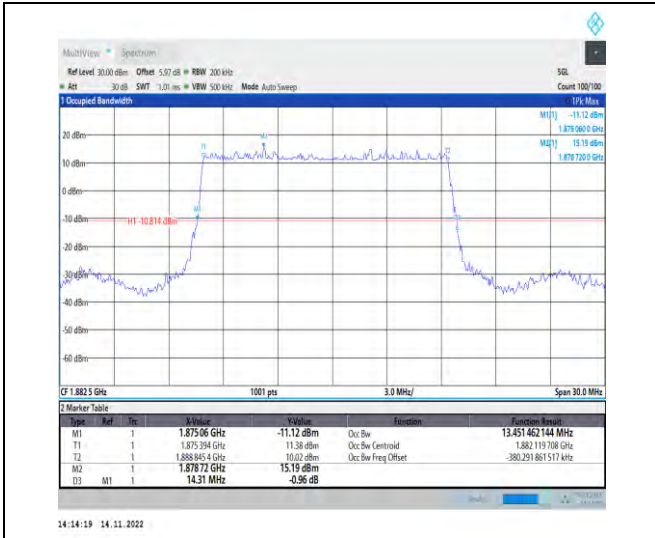


1-N25-PC3-15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.452-14.430-≤15-PASS



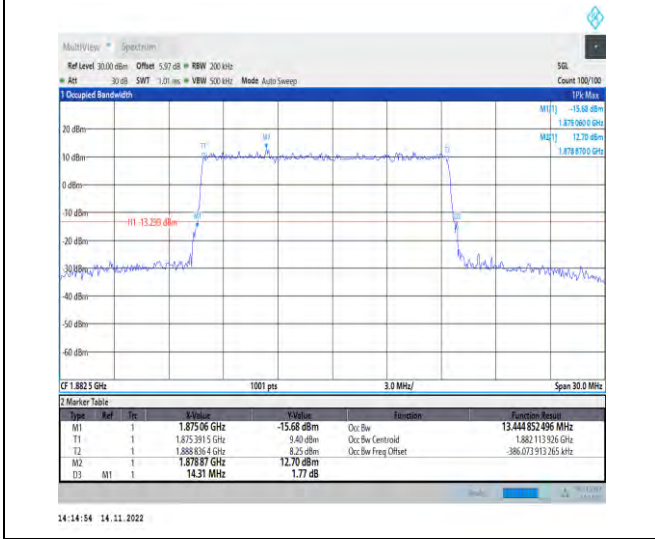
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N25-PC3-15-15-M-2-DFT-PI2BPSK-Outer_Full-75 @0-Ant1-13.451-14.310-≤15-PASS

1-N25-PC3-15-15-M-3-DFT-16QAM-Outer_Full-75 @0-Ant1-13.462-14.370-≤15-PASS



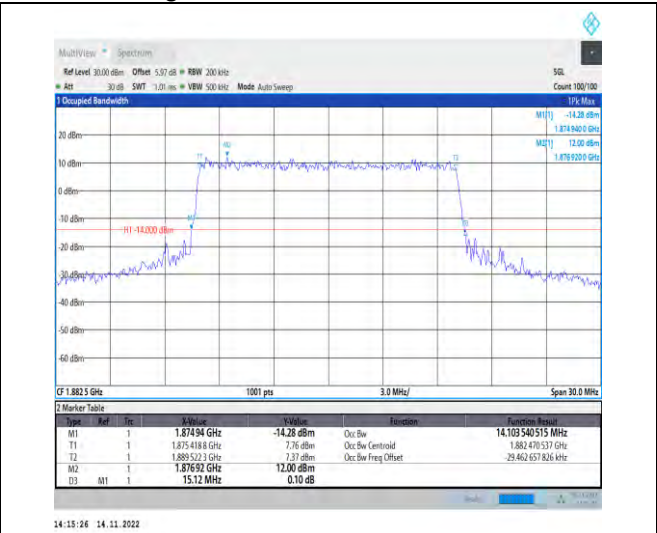
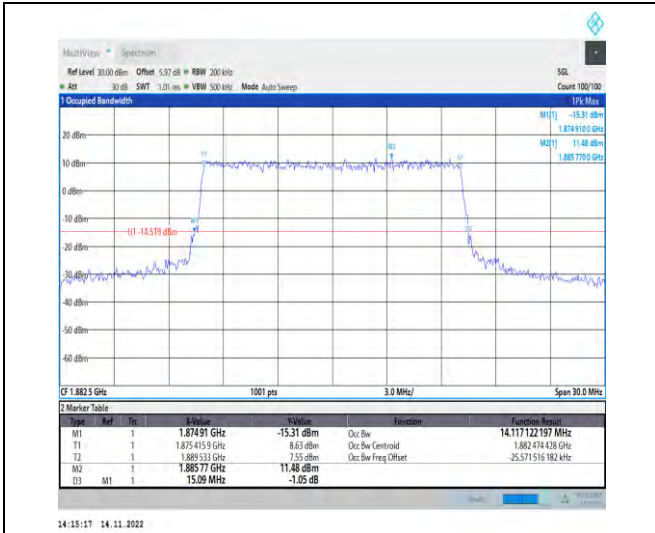
1-N25-PC3-15-15-M-4-DFT-64QAM-Outer_Full-75 @0-Ant1-13.445-14.310-≤15-PASS

1-N25-PC3-15-15-M-5-DFT-256QAM-Outer_Full-75 @0-Ant1-13.443-14.400-≤15-PASS



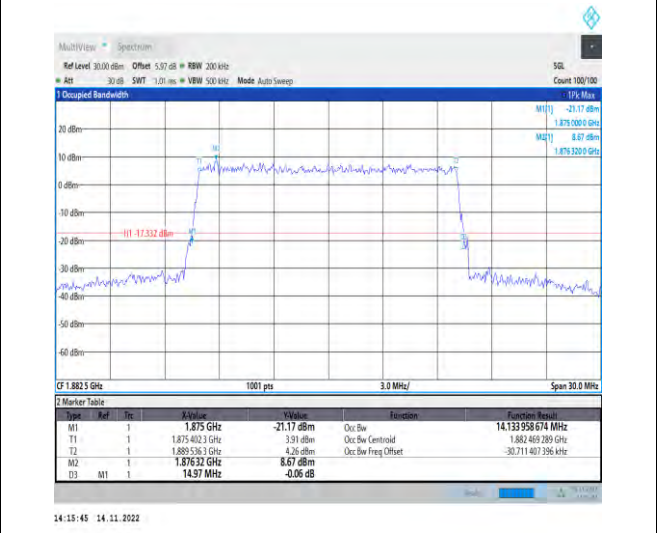
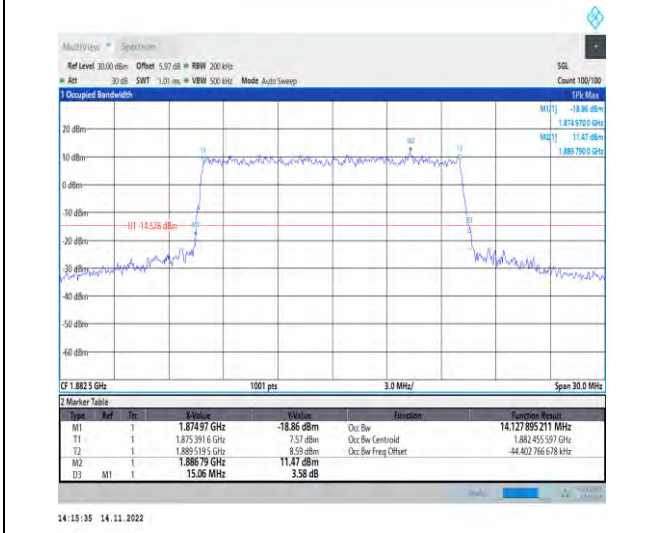
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



1-N25-PC3-15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant1-14.117-15.090-≤15-PASS

1-N25-PC3-15-15-M-7-CP-16QAM-Outer_Full-79@0-Ant1-14.104-15.120-≤15-PASS



1-N25-PC3-15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant1-14.128-15.060-≤15-PASS

1-N25-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant1-14.134-14.970-≤15-PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pkx 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