

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 1 of 156

Appendix B.11

NR Band n77(3700-3980)



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

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

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

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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 2 of 156

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP	LIMIT	Verdict
N77-3700-3980	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	26.15	28.15	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	25.94	27.94	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Outer_Full	25.64	27.64	30	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Inner_1RB_Left	25.56	27.56	30	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Inner_1RB_Right	25.4	27.4	30	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Outer_Full	25.19	27.19	30	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Inner_1RB_Left	24.78	26.78	30	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Inner_1RB_Right	24.58	26.58	30	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Outer_Full	24.07	26.07	30	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Inner_1RB_Left	24	26	30	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Inner_1RB_Right	23.75	25.75	30	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Outer_Full	23.55	25.55	30	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Inner_1RB_Left	22.06	24.06	30	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Inner_1RB_Right	21.9	23.9	30	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Outer_Full	21.57	23.57	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	25.33	27.33	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	25.06	27.06	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	22.35	24.35	30	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Inner_1RB_Left	24.88	26.88	30	PASS



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

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

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

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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 3 of 156

N77-3700-3980	30	10	DFT-QPSK	M	Inner_1RB_Right	24.59	26.59	30	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	24.51	26.51	30	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Inner_1RB_Left	24.2	26.2	30	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Inner_1RB_Right	23.94	25.94	30	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	23.43	25.43	30	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Inner_1RB_Left	23.43	25.43	30	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Inner_1RB_Right	21.76	23.76	30	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	23.03	25.03	30	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Inner_1RB_Left	21.52	23.52	30	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Inner_1RB_Right	21.26	23.26	30	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	20.94	22.94	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	25.19	27.19	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Inner_1RB_Right	25.16	27.16	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Outer_Full	24.89	26.89	30	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Inner_1RB_Left	24.7	26.7	30	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Inner_1RB_Right	24.66	26.66	30	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	24.39	26.39	30	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Inner_1RB_Left	23.9	25.9	30	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Inner_1RB_Right	23.89	25.89	30	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Outer_Full	23.54	25.54	30	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Inner_1RB_Left	24.06	26.06	30	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Inner_1RB_Right	23.31	25.31	30	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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 4 of 156

N77-3700-3980	30	10	DFT-64QAM	H	Outer_Full	23.02	25.02	30	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Inner_1RB_Left	21.31	23.31	30	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Inner_1RB_Right	23.62	25.62	30	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Outer_Full	20.95	22.95	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Inner_1RB_Left	25.77	27.77	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Inner_1RB_Right	26.09	28.09	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Outer_Full	25.95	27.95	30	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Inner_1RB_Left	25.75	27.75	30	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Inner_1RB_Right	25.5	27.5	30	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	25.32	27.32	30	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Inner_1RB_Left	24.77	26.77	30	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Inner_1RB_Right	24.55	26.55	30	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Outer_Full	24.27	26.27	30	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Inner_1RB_Left	23.98	25.98	30	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Inner_1RB_Right	23.82	25.82	30	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Outer_Full	23.75	25.75	30	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Inner_1RB_Left	22.37	24.37	30	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Inner_1RB_Right	22.13	24.13	30	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Outer_Full	21.82	23.82	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Inner_1RB_Left	25.81	27.81	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Inner_1RB_Right	25.36	27.36	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	25.42	27.42	30	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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 5 of 156

N77-3700-3980	30	15	DFT-QPSK	M	Inner_1RB_Left	25.8	27.8	30	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Inner_1RB_Right	25.34	27.34	30	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	24.84	26.84	30	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Inner_1RB_Left	24.36	26.36	30	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Inner_1RB_Right	24.56	26.56	30	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	24.36	26.36	30	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Inner_1RB_Left	23.36	25.36	30	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Inner_1RB_Right	23.21	25.21	30	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	23.42	25.42	30	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Inner_1RB_Left	21.91	23.91	30	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Inner_1RB_Right	21.48	23.48	30	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	21.38	23.38	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Inner_1RB_Left	25.33	27.33	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Inner_1RB_Right	25.3	27.3	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Outer_Full	25.17	27.17	30	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Inner_1RB_Left	24.77	26.77	30	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Inner_1RB_Right	24.74	26.74	30	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	24.52	26.52	30	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Inner_1RB_Left	23.82	25.82	30	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Inner_1RB_Right	23.88	25.88	30	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Outer_Full	23.6	25.6	30	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Inner_1RB_Left	23.14	25.14	30	PASS



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

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

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

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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 6 of 156

N77-3700-3980	30	15	DFT-64QAM	H	Inner_1RB_Right	23.21	25.21	30	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Outer_Full	23.08	25.08	30	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Inner_1RB_Left	21.31	23.31	30	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Inner_1RB_Right	21.29	23.29	30	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Outer_Full	21.08	23.08	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	26.14	28.14	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	25.83	27.83	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Outer_Full	25.95	27.95	30	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Inner_1RB_Left	25.54	27.54	30	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Inner_1RB_Right	25.31	27.31	30	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	25.35	27.35	30	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Inner_1RB_Left	24.63	26.63	30	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Inner_1RB_Right	24.42	26.42	30	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Outer_Full	24.29	26.29	30	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Inner_1RB_Left	23.92	25.92	30	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Inner_1RB_Right	23.58	25.58	30	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Outer_Full	23.82	25.82	30	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Inner_1RB_Left	22.08	24.08	30	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Inner_1RB_Right	21.84	23.84	30	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Outer_Full	21.86	23.86	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	25.69	27.69	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	25.08	27.08	30	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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 7 of 156

N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	25.37	27.37	30	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Inner_1RB_Left	25.19	27.19	30	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Inner_1RB_Right	24.61	26.61	30	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	24.92	26.92	30	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Inner_1RB_Left	24.44	26.44	30	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Inner_1RB_Right	23.82	25.82	30	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	23.74	25.74	30	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Inner_1RB_Left	23.57	25.57	30	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Inner_1RB_Right	23.02	25.02	30	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	23.28	25.28	30	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Inner_1RB_Left	21.68	23.68	30	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Inner_1RB_Right	21.12	23.12	30	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	21.27	23.27	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	25.03	27.03	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	25.03	27.03	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Outer_Full	25.03	27.03	30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Inner_1RB_Left	24.58	26.58	30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Inner_1RB_Right	24.54	26.54	30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	24.52	26.52	30	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Inner_1RB_Left	23.63	25.63	30	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Inner_1RB_Right	23.66	25.66	30	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Outer_Full	23.55	25.55	30	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



Report No.: SEWM2302000040RG02

Rev.: 01

Page: 8 of 156

N77-3700-3980	30	20	DFT-64QAM	H	Inner_1RB_Left	22.94	24.94	30	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Inner_1RB_Right	23	25	30	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Outer_Full	23.08	25.08	30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Inner_1RB_Left	21.15	23.15	30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Inner_1RB_Right	21.19	23.19	30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Outer_Full	21.05	23.05	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	26.75	28.75	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	26.2	28.2	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Outer_Full	26.67	28.67	30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Inner_1RB_Left	26.2	28.2	30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Inner_1RB_Right	25.64	27.64	30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	25.99	27.99	30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Inner_1RB_Left	25.42	27.42	30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Inner_1RB_Right	24.92	26.92	30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Outer_Full	25.2	27.2	30	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Inner_1RB_Left	24.61	26.61	30	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Inner_1RB_Right	24.12	26.12	30	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Outer_Full	24.61	26.61	30	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Inner_1RB_Left	22.73	24.73	30	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Inner_1RB_Right	22.16	24.16	30	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Outer_Full	22.59	24.59	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	26.87	28.87	30	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号厂房南座 邮编: 215000

t (86-512) 62992980

www.sgs.com

t (86-512) 62992980

sgs.china@sgs.com

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 9 of 156

N77-3700-3980	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	25.91	27.91	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	26.37	28.37	30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Inner_1RB_Left	26.25	28.25	30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Inner_1RB_Right	25.36	27.36	30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	25.86	27.86	30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Inner_1RB_Left	25.44	27.44	30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Inner_1RB_Right	24.55	26.55	30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	24.74	26.74	30	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Inner_1RB_Left	24.59	26.59	30	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Inner_1RB_Right	23.74	25.74	30	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Outer_Full	24.24	26.24	30	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Inner_1RB_Left	22.73	24.73	30	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Inner_1RB_Right	21.86	23.86	30	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	22.27	24.27	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	26.12	28.12	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	25.92	27.92	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Outer_Full	26.16	28.16	30	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Inner_1RB_Left	25.6	27.6	30	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Inner_1RB_Right	25.42	27.42	30	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Outer_Full	25.53	27.53	30	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Inner_1RB_Left	24.68	26.68	30	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Inner_1RB_Right	24.47	26.47	30	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



Report No.: SEWM2302000040RG02

Rev.: 01

Page: 10 of 156

N77-3700-3980	30	40	DFT-16QAM	H	Outer_Full	24.62	26.62	30	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Inner_1RB_Left	24.05	26.05	30	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Inner_1RB_Right	23.91	25.91	30	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Outer_Full	24.12	26.12	30	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Inner_1RB_Left	22.16	24.16	30	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Inner_1RB_Right	22	24	30	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Outer_Full	22.12	24.12	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Inner_1RB_Left	25.63	27.63	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Inner_1RB_Right	25.13	27.13	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Outer_Full	25.76	27.76	30	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Inner_1RB_Left	25.05	27.05	30	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Inner_1RB_Right	24.6	26.6	30	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Outer_Full	25.32	27.32	30	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Inner_1RB_Left	24.19	26.19	30	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Inner_1RB_Right	23.75	25.75	30	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Outer_Full	24.25	26.25	30	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Inner_1RB_Left	23.4	25.4	30	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Inner_1RB_Right	22.93	24.93	30	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Outer_Full	23.74	25.74	30	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Inner_1RB_Left	21.54	23.54	30	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Inner_1RB_Right	21.1	23.1	30	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Outer_Full	21.7	23.7	30	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

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

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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 11 of 156

N77-3700-3980	30	50	DFT-PI2BPSK	M	Inner_1RB_Left	25.66	27.66	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Inner_1RB_Right	24.71	26.71	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	25.58	27.58	30	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Inner_1RB_Left	25.19	27.19	30	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Inner_1RB_Right	24.22	26.22	30	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	25.12	27.12	30	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Inner_1RB_Left	24.38	26.38	30	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Inner_1RB_Right	23.43	25.43	30	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	24	26	30	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Inner_1RB_Left	23.54	25.54	30	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Inner_1RB_Right	22.52	24.52	30	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	23.49	25.49	30	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Inner_1RB_Left	21.65	23.65	30	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Inner_1RB_Right	20.72	22.72	30	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	21.49	23.49	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Inner_1RB_Left	25.39	27.39	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Inner_1RB_Right	24.79	26.79	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Outer_Full	25.48	27.48	30	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Inner_1RB_Left	25.45	27.45	30	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Inner_1RB_Right	24.82	26.82	30	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Outer_Full	24.69	26.69	30	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Inner_1RB_Left	23.8	25.8	30	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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 12 of 156

N77-3700-3980	30	50	DFT-16QAM	H	Inner_1RB_Right	23.43	25.43	30	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Outer_Full	23.66	25.66	30	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Inner_1RB_Left	22.94	24.94	30	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Inner_1RB_Right	23.36	25.36	30	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Outer_Full	23.24	25.24	30	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Inner_1RB_Left	21.56	23.56	30	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Inner_1RB_Right	20.95	22.95	30	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Outer_Full	21.49	23.49	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Inner_1RB_Left	25.83	27.83	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Inner_1RB_Right	25.96	27.96	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Outer_Full	26.18	28.18	30	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Inner_1RB_Left	25.62	27.62	30	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Inner_1RB_Right	25.43	27.43	30	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Outer_Full	25.62	27.62	30	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Inner_1RB_Left	24.76	26.76	30	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Inner_1RB_Right	24.6	26.6	30	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Outer_Full	24.5	26.5	30	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Inner_1RB_Left	23.94	25.94	30	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Inner_1RB_Right	23.78	25.78	30	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Outer_Full	24.04	26.04	30	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Inner_1RB_Left	22.04	24.04	30	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Inner_1RB_Right	21.85	23.85	30	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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 13 of 156

N77-3700-3980	30	60	DFT-256QAM	L	Outer_Full	21.91	23.91	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Inner_1RB_Left	25.93	27.93	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Inner_1RB_Right	24.94	26.94	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	25.93	27.93	30	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Inner_1RB_Left	25.83	27.83	30	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Inner_1RB_Right	24.7	26.7	30	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	25.79	27.79	30	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Inner_1RB_Left	24.36	26.36	30	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Inner_1RB_Right	24.52	26.52	30	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	24.32	26.32	30	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Inner_1RB_Left	23.32	25.32	30	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Inner_1RB_Right	23.52	25.52	30	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	23.67	25.67	30	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Inner_1RB_Left	22.4	24.4	30	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Inner_1RB_Right	21.34	23.34	30	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	21.86	23.86	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Inner_1RB_Left	26.1	28.1	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Inner_1RB_Right	25.23	27.23	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Outer_Full	25.78	27.78	30	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Inner_1RB_Left	25.56	27.56	30	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Inner_1RB_Right	24.71	26.71	30	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Outer_Full	25.18	27.18	30	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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 14 of 156

N77-3700-3980	30	60	DFT-16QAM	H	Inner_1RB_Left	24.56	26.56	30	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Inner_1RB_Right	23.78	25.78	30	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Outer_Full	24.24	26.24	30	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Inner_1RB_Left	23.89	25.89	30	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Inner_1RB_Right	23.17	25.17	30	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Outer_Full	23.72	25.72	30	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Inner_1RB_Left	22.04	24.04	30	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Inner_1RB_Right	21.26	23.26	30	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Outer_Full	21.68	23.68	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Inner_1RB_Left	26.44	28.44	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Inner_1RB_Right	26.62	28.62	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Outer_Full	26.42	28.42	30	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Inner_1RB_Left	26.47	28.47	30	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Inner_1RB_Right	26.66	28.66	30	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Outer_Full	25.83	27.83	30	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Inner_1RB_Left	24.27	26.27	30	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Inner_1RB_Right	25.23	27.23	30	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Outer_Full	24.82	26.82	30	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Inner_1RB_Left	24.11	26.11	30	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Inner_1RB_Right	24.32	26.32	30	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Outer_Full	24.28	26.28	30	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Inner_1RB_Left	22.39	24.39	30	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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 15 of 156

N77-3700-3980	30	80	DFT-256QAM	L	Inner_1RB_Right	22.59	24.59	30	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Outer_Full	22.26	24.26	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Inner_1RB_Left	26.8	28.8	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Inner_1RB_Right	25.57	27.57	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Outer_Full	26.25	28.25	30	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Inner_1RB_Left	26.28	28.28	30	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Inner_1RB_Right	25.04	27.04	30	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	25.61	27.61	30	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Inner_1RB_Left	25.33	27.33	30	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Inner_1RB_Right	24.12	26.12	30	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	24.58	26.58	30	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Inner_1RB_Left	24.6	26.6	30	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Inner_1RB_Right	23.33	25.33	30	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	24.09	26.09	30	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Inner_1RB_Left	22.67	24.67	30	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Inner_1RB_Right	21.48	23.48	30	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	22.05	24.05	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Inner_1RB_Left	25.95	27.95	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Inner_1RB_Right	25.77	27.77	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Outer_Full	26.3	28.3	30	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Inner_1RB_Left	25.67	27.67	30	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Inner_1RB_Right	25.2	27.2	30	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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 16 of 156

N77-3700-3980	30	80	DFT-QPSK	H	Outer_Full	25.63	27.63	30	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Inner_1RB_Left	24.65	26.65	30	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Inner_1RB_Right	24.25	26.25	30	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Outer_Full	24.6	26.6	30	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Inner_1RB_Left	23.96	25.96	30	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Inner_1RB_Right	23.42	25.42	30	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Outer_Full	24.11	26.11	30	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Inner_1RB_Left	22.1	24.1	30	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Inner_1RB_Right	21.64	23.64	30	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Outer_Full	22.16	24.16	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Inner_1RB_Left	26.93	28.93	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Inner_1RB_Right	27.39	29.39	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Outer_Full	26.3	28.3	30	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Inner_1RB_Left	26.48	28.48	30	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Inner_1RB_Right	26.93	28.93	30	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Outer_Full	25.91	27.91	30	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Inner_1RB_Left	25.82	27.82	30	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Inner_1RB_Right	26.43	28.43	30	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Outer_Full	21.26	23.26	30	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Inner_1RB_Left	25.18	27.18	30	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Inner_1RB_Right	25.67	27.67	30	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Outer_Full	24.48	26.48	30	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号厂房南座 邮编: 215000

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



Report No.: SEWM2302000040RG02

Rev.: 01

Page: 17 of 156

N77-3700-3980	30	90	DFT-256QAM	L	Inner_1RB_Left	23.51	25.51	30	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Inner_1RB_Right	24.08	26.08	30	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Outer_Full	22.55	24.55	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Inner_1RB_Left	27.43	29.43	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Inner_1RB_Right	26.32	28.32	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	25.64	27.64	30	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Inner_1RB_Left	26.91	28.91	30	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Inner_1RB_Right	25.77	27.77	30	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	25.63	27.63	30	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Inner_1RB_Left	26.19	28.19	30	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Inner_1RB_Right	25.11	27.11	30	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	24.73	26.73	30	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Inner_1RB_Left	25.62	27.62	30	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Inner_1RB_Right	24.57	26.57	30	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Outer_Full	24.19	26.19	30	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Inner_1RB_Left	23.98	25.98	30	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Inner_1RB_Right	22.91	24.91	30	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Outer_Full	22.25	24.25	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Inner_1RB_Left	26.02	28.02	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Inner_1RB_Right	26.18	28.18	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Outer_Full	26	28	30	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Inner_1RB_Left	25.68	27.68	30	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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 18 of 156

N77-3700-3980	30	90	DFT-QPSK	H	Inner_1RB_Right	25.54	27.54	30	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Outer_Full	25.42	27.42	30	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Inner_1RB_Left	25.06	27.06	30	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Inner_1RB_Right	24.98	26.98	30	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Outer_Full	24.77	26.77	30	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Inner_1RB_Left	24.84	26.84	30	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Inner_1RB_Right	24.46	26.46	30	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Outer_Full	24.16	26.16	30	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Inner_1RB_Left	23.19	25.19	30	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Inner_1RB_Right	22.75	24.75	30	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Outer_Full	22.22	24.22	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	25.97	27.97	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	26.49	28.49	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Outer_Full	26.24	28.24	30	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Left	25.35	27.35	30	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Right	25.85	27.85	30	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	25.81	27.81	30	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Left	24.65	26.65	30	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Right	25.22	27.22	30	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Outer_Full	24.81	26.81	30	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Left	24.01	26.01	30	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Right	24.54	26.54	30	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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 19 of 156

N77-3700-3980	30	100	DFT-64QAM	L	Outer_Full	24.26	26.26	30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Left	22.33	24.33	30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Right	22.86	24.86	30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	22.37	24.37	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	26.11	28.11	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	25.33	27.33	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	25.88	27.88	30	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Left	25.58	27.58	30	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Right	24.82	26.82	30	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	25.37	27.37	30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Left	24.8	26.8	30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Right	24.02	26.02	30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	24.51	26.51	30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Left	24.33	26.33	30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Right	23.48	25.48	30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	23.99	25.99	30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Left	22.57	24.57	30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Right	21.86	23.86	30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	22.07	24.07	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	25.01	27.01	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	25.03	27.03	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	25.93	27.93	30	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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 20 of 156

N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Left	24.55	26.55	30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Right	24.55	26.55	30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	25.49	27.49	30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Left	23.74	25.74	30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Right	23.83	25.83	30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	24.6	26.6	30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Left	23.22	25.22	30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Right	23.33	25.33	30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	24.06	26.06	30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Left	21.53	23.53	30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Right	21.69	23.69	30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	22.15	24.15	30	PASS



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

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

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

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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 21 of 156

Effective (Isotropic) Radiated Power Output Data for MIMO

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant1	Power Ant2	Total Power	EIRP	LIMIT	Verdict
N77-3700-3980	30	10	CP-QPSK	L	Inner_1RB_Left	21.95	20.37	24.24	26.24	30.00	PASS
N77-3700-3980	30	10	CP-QPSK	L	Inner_1RB_Right	21.74	20.78	24.30	26.30	30.00	PASS
N77-3700-3980	30	10	CP-QPSK	L	Outer_Full	20.79	20.23	23.53	25.53	30.00	PASS
N77-3700-3980	30	10	CP-16QAM	L	Inner_1RB_Left	21.42	20.09	23.82	25.82	30.00	PASS
N77-3700-3980	30	10	CP-16QAM	L	Inner_1RB_Right	21.23	20.36	23.83	25.83	30.00	PASS
N77-3700-3980	30	10	CP-16QAM	L	Outer_Full	20.72	19.45	23.14	25.14	30.00	PASS
N77-3700-3980	30	10	CP-64QAM	L	Inner_1RB_Left	21.06	19.55	23.38	25.38	30.00	PASS
N77-3700-3980	30	10	CP-64QAM	L	Inner_1RB_Right	20.81	19.75	23.32	25.32	30.00	PASS
N77-3700-3980	30	10	CP-64QAM	L	Outer_Full	20.12	18.99	22.60	24.60	30.00	PASS
N77-3700-3980	30	10	CP-256QAM	L	Inner_1RB_Left	16.25	16.51	19.39	21.39	30.00	PASS
N77-3700-3980	30	10	CP-256QAM	L	Inner_1RB_Right	17.36	16.7	20.05	22.05	30.00	PASS
N77-3700-3980	30	10	CP-256QAM	L	Outer_Full	17.11	16.04	19.62	21.62	30.00	PASS
N77-3700-3980	30	10	CP-QPSK	M	Inner_1RB_Left	21.41	19.37	23.52	25.52	30.00	PASS
N77-3700-3980	30	10	CP-QPSK	M	Inner_1RB_Right	20.99	18.99	23.11	25.11	30.00	PASS
N77-3700-3980	30	10	CP-QPSK	M	Outer_Full	20.14	19.23	22.72	24.72	30.00	PASS
N77-3700-3980	30	10	CP-16QAM	M	Inner_1RB_Left	20.87	18.88	23.00	25.00	30.00	PASS
N77-3700-3980	30	10	CP-16QAM	M	Inner_1RB_Right	20.62	18.31	22.63	24.63	30.00	PASS
N77-3700-3980	30	10	CP-16QAM	M	Outer_Full	20.15	18.03	22.23	24.23	30.00	PASS



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

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



Report No.: SEWM2302000040RG02

Rev.: 01

Page: 22 of 156

N77-3700-3980	30	10	CP-64QAM	M	Inner_1RB_Left	20.36	18.44	22.52	24.52	30.00	PASS
N77-3700-3980	30	10	CP-64QAM	M	Inner_1RB_Right	20.06	17.87	22.11	24.11	30.00	PASS
N77-3700-3980	30	10	CP-64QAM	M	Outer_Full	19.55	17.48	21.65	23.65	30.00	PASS
N77-3700-3980	30	10	CP-256QAM	M	Inner_1RB_Left	16.32	16.25	19.30	21.30	30.00	PASS
N77-3700-3980	30	10	CP-256QAM	M	Inner_1RB_Right	16.25	16.23	19.25	21.25	30.00	PASS
N77-3700-3980	30	10	CP-256QAM	M	Outer_Full	16.63	16.25	19.45	21.45	30.00	PASS
N77-3700-3980	30	10	CP-QPSK	H	Inner_1RB_Left	21.19	19.88	23.59	25.59	30.00	PASS
N77-3700-3980	30	10	CP-QPSK	H	Inner_1RB_Right	21.23	20.29	23.80	25.80	30.00	PASS
N77-3700-3980	30	10	CP-QPSK	H	Outer_Full	19.91	18.95	22.47	24.47	30.00	PASS
N77-3700-3980	30	10	CP-16QAM	H	Inner_1RB_Left	20.52	19.37	22.99	24.99	30.00	PASS
N77-3700-3980	30	10	CP-16QAM	H	Inner_1RB_Right	20.35	19.73	23.06	25.06	30.00	PASS
N77-3700-3980	30	10	CP-16QAM	H	Outer_Full	19.82	18.97	22.43	24.43	30.00	PASS
N77-3700-3980	30	10	CP-64QAM	H	Inner_1RB_Left	19.88	18.75	22.36	24.36	30.00	PASS
N77-3700-3980	30	10	CP-64QAM	H	Inner_1RB_Right	19.85	19.14	22.52	24.52	30.00	PASS
N77-3700-3980	30	10	CP-64QAM	H	Outer_Full	19.24	18.43	21.86	23.86	30.00	PASS
N77-3700-3980	30	10	CP-256QAM	H	Inner_1RB_Left	16.66	16.58	19.63	21.63	30.00	PASS
N77-3700-3980	30	10	CP-256QAM	H	Inner_1RB_Right	16.52	16.23	19.39	21.39	30.00	PASS
N77-3700-3980	30	10	CP-256QAM	H	Outer_Full	16.26	16.36	19.32	21.32	30.00	PASS
N77-3700-3980	30	15	CP-QPSK	L	Inner_1RB_Left	21.95	20.57	24.32	26.32	30.00	PASS
N77-3700-3980	30	15	CP-QPSK	L	Inner_1RB_Right	21.87	21.23	24.57	26.57	30.00	PASS
N77-3700-3980	30	15	CP-QPSK	L	Outer_Full	20.91	19.56	23.30	25.30	30.00	PASS
N77-3700-3980	30	15	CP-16QAM	L	Inner_1RB_Left	21.33	20.15	23.79	25.79	30.00	PASS



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

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

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

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

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

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



Report No.: SEWM2302000040RG02

Rev.: 01

Page: 23 of 156

N77-3700-3980	30	15	CP-16QAM	L	Inner_1RB_Right	20.99	19.89	23.49	25.49	30.00	PASS
N77-3700-3980	30	15	CP-16QAM	L	Outer_Full	20.74	19.47	23.16	25.16	30.00	PASS
N77-3700-3980	30	15	CP-64QAM	L	Inner_1RB_Left	20.84	19.53	23.24	25.24	30.00	PASS
N77-3700-3980	30	15	CP-64QAM	L	Inner_1RB_Right	20.56	19.32	22.99	24.99	30.00	PASS
N77-3700-3980	30	15	CP-64QAM	L	Outer_Full	20.16	18.96	22.61	24.61	30.00	PASS
N77-3700-3980	30	15	CP-256QAM	L	Inner_1RB_Left	17.44	16.42	19.97	21.97	30.00	PASS
N77-3700-3980	30	15	CP-256QAM	L	Inner_1RB_Right	17.27	16.13	19.75	21.75	30.00	PASS
N77-3700-3980	30	15	CP-256QAM	L	Outer_Full	17.17	15.56	19.45	21.45	30.00	PASS
N77-3700-3980	30	15	CP-QPSK	M	Inner_1RB_Left	20.32	19.85	23.10	25.10	30.00	PASS
N77-3700-3980	30	15	CP-QPSK	M	Inner_1RB_Right	21.13	19.01	23.21	25.21	30.00	PASS
N77-3700-3980	30	15	CP-QPSK	M	Outer_Full	20.22	18.14	22.31	24.31	30.00	PASS
N77-3700-3980	30	15	CP-16QAM	M	Inner_1RB_Left	20.94	19.27	23.20	25.20	30.00	PASS
N77-3700-3980	30	15	CP-16QAM	M	Inner_1RB_Right	20.42	18.45	22.56	24.56	30.00	PASS
N77-3700-3980	30	15	CP-16QAM	M	Outer_Full	20.19	18.07	22.27	24.27	30.00	PASS
N77-3700-3980	30	15	CP-64QAM	M	Inner_1RB_Left	20.44	18.62	22.63	24.63	30.00	PASS
N77-3700-3980	30	15	CP-64QAM	M	Inner_1RB_Right	19.95	17.82	22.02	24.02	30.00	PASS
N77-3700-3980	30	15	CP-64QAM	M	Outer_Full	19.61	17.52	21.70	23.70	30.00	PASS
N77-3700-3980	30	15	CP-256QAM	M	Inner_1RB_Left	16.36	16.52	19.45	21.45	30.00	PASS
N77-3700-3980	30	15	CP-256QAM	M	Inner_1RB_Right	16.62	15.25	19.00	21.00	30.00	PASS
N77-3700-3980	30	15	CP-256QAM	M	Outer_Full	16.54	15.36	19.00	21.00	30.00	PASS
N77-3700-3980	30	15	CP-QPSK	H	Inner_1RB_Left	21.43	19.84	23.72	25.72	30.00	PASS
N77-3700-3980	30	15	CP-QPSK	H	Inner_1RB_Right	21.25	20.33	23.82	25.82	30.00	PASS



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

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

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

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

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

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



Report No.: SEWM2302000040RG02

Rev.: 01

Page: 24 of 156

N77-3700-3980	30	15	CP-QPSK	H	Outer_Full	20.07	19.15	22.64	24.64	30.00	PASS
N77-3700-3980	30	15	CP-16QAM	H	Inner_1RB_Left	20.43	19.46	22.98	24.98	30.00	PASS
N77-3700-3980	30	15	CP-16QAM	H	Inner_1RB_Right	20.23	19.64	22.96	24.96	30.00	PASS
N77-3700-3980	30	15	CP-16QAM	H	Outer_Full	19.88	18.87	22.41	24.41	30.00	PASS
N77-3700-3980	30	15	CP-64QAM	H	Inner_1RB_Left	19.79	18.55	22.22	24.22	30.00	PASS
N77-3700-3980	30	15	CP-64QAM	H	Inner_1RB_Right	19.83	19.08	22.48	24.48	30.00	PASS
N77-3700-3980	30	15	CP-64QAM	H	Outer_Full	19.31	18.35	21.87	23.87	30.00	PASS
N77-3700-3980	30	15	CP-256QAM	H	Inner_1RB_Left	17.32	16.52	19.95	21.95	30.00	PASS
N77-3700-3980	30	15	CP-256QAM	H	Inner_1RB_Right	17.63	16.36	20.05	22.05	30.00	PASS
N77-3700-3980	30	15	CP-256QAM	H	Outer_Full	17.52	16.32	19.97	21.97	30.00	PASS
N77-3700-3980	30	20	CP-QPSK	L	Inner_1RB_Left	21.7	20.28	24.06	26.06	30.00	PASS
N77-3700-3980	30	20	CP-QPSK	L	Inner_1RB_Right	21.38	19.45	23.53	25.53	30.00	PASS
N77-3700-3980	30	20	CP-QPSK	L	Outer_Full	20.68	19.21	23.02	25.02	30.00	PASS
N77-3700-3980	30	20	CP-16QAM	L	Inner_1RB_Left	20.97	19.83	23.45	25.45	30.00	PASS
N77-3700-3980	30	20	CP-16QAM	L	Inner_1RB_Right	20.82	18.94	22.99	24.99	30.00	PASS
N77-3700-3980	30	20	CP-16QAM	L	Outer_Full	20.65	19.19	22.99	24.99	30.00	PASS
N77-3700-3980	30	20	CP-64QAM	L	Inner_1RB_Left	20.6	19.19	22.96	24.96	30.00	PASS
N77-3700-3980	30	20	CP-64QAM	L	Inner_1RB_Right	20.3	18.3	22.42	24.42	30.00	PASS
N77-3700-3980	30	20	CP-64QAM	L	Outer_Full	20.09	18.69	22.46	24.46	30.00	PASS
N77-3700-3980	30	20	CP-256QAM	L	Inner_1RB_Left	17.63	16.52	20.12	22.12	30.00	PASS
N77-3700-3980	30	20	CP-256QAM	L	Inner_1RB_Right	17.32	16.36	19.88	21.88	30.00	PASS
N77-3700-3980	30	20	CP-256QAM	L	Outer_Full	17.52	16.85	20.21	22.21	30.00	PASS



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

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

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

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

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

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



Report No.: SEWM2302000040RG02

Rev.: 01

Page: 25 of 156

N77-3700-3980	30	20	CP-QPSK	M	Inner_1RB_Left	20.36	19.86	23.13	25.13	30.00	PASS
N77-3700-3980	30	20	CP-QPSK	M	Inner_1RB_Right	20.77	18.88	22.94	24.94	30.00	PASS
N77-3700-3980	30	20	CP-QPSK	M	Outer_Full	20.17	18.15	22.29	24.29	30.00	PASS
N77-3700-3980	30	20	CP-16QAM	M	Inner_1RB_Left	20.73	19.31	23.09	25.09	30.00	PASS
N77-3700-3980	30	20	CP-16QAM	M	Inner_1RB_Right	20.21	18.32	22.38	24.38	30.00	PASS
N77-3700-3980	30	20	CP-16QAM	M	Outer_Full	20.15	18.16	22.28	24.28	30.00	PASS
N77-3700-3980	30	20	CP-64QAM	M	Inner_1RB_Left	20.33	18.67	22.59	24.59	30.00	PASS
N77-3700-3980	30	20	CP-64QAM	M	Inner_1RB_Right	19.67	17.7	21.81	23.81	30.00	PASS
N77-3700-3980	30	20	CP-64QAM	M	Outer_Full	19.59	17.62	21.73	23.73	30.00	PASS
N77-3700-3980	30	20	CP-256QAM	M	Inner_1RB_Left	18.65	18.52	21.60	23.60	30.00	PASS
N77-3700-3980	30	20	CP-256QAM	M	Inner_1RB_Right	18.23	17.63	20.95	22.95	30.00	PASS
N77-3700-3980	30	20	CP-256QAM	M	Outer_Full	16.36	16.23	19.31	21.31	30.00	PASS
N77-3700-3980	30	20	CP-QPSK	H	Inner_1RB_Left	20.78	18.98	22.98	24.98	30.00	PASS
N77-3700-3980	30	20	CP-QPSK	H	Inner_1RB_Right	20.81	19.65	23.28	25.28	30.00	PASS
N77-3700-3980	30	20	CP-QPSK	H	Outer_Full	19.85	18.47	22.22	24.22	30.00	PASS
N77-3700-3980	30	20	CP-16QAM	H	Inner_1RB_Left	19.99	18.44	22.29	24.29	30.00	PASS
N77-3700-3980	30	20	CP-16QAM	H	Inner_1RB_Right	20.09	19.16	22.66	24.66	30.00	PASS
N77-3700-3980	30	20	CP-16QAM	H	Outer_Full	19.82	18.45	22.20	24.20	30.00	PASS
N77-3700-3980	30	20	CP-64QAM	H	Inner_1RB_Left	19.51	18.03	21.84	23.84	30.00	PASS
N77-3700-3980	30	20	CP-64QAM	H	Inner_1RB_Right	19.52	18.75	22.16	24.16	30.00	PASS
N77-3700-3980	30	20	CP-64QAM	H	Outer_Full	19.24	17.98	21.67	23.67	30.00	PASS
N77-3700-3980	30	20	CP-256QAM	H	Inner_1RB_Left	19.33	18.52	21.95	23.95	30.00	PASS



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

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



Report No.: SEWM2302000040RG02

Rev.: 01

Page: 26 of 156

N77-3700-3980	30	20	CP-256QAM	H	Inner_1RB_Right	16.32	15.59	18.98	20.98	30.00	PASS
N77-3700-3980	30	20	CP-256QAM	H	Outer_Full	16.18	15.04	18.66	20.66	30.00	PASS
N77-3700-3980	30	40	CP-QPSK	L	Inner_1RB_Left	22.12	21.23	24.71	26.71	30.00	PASS
N77-3700-3980	30	40	CP-QPSK	L	Inner_1RB_Right	20.36	20.54	23.46	25.46	30.00	PASS
N77-3700-3980	30	40	CP-QPSK	L	Outer_Full	21.24	19.45	23.45	25.45	30.00	PASS
N77-3700-3980	30	40	CP-16QAM	L	Inner_1RB_Left	21.49	20.47	24.02	26.02	30.00	PASS
N77-3700-3980	30	40	CP-16QAM	L	Inner_1RB_Right	21.08	20.03	23.60	25.60	30.00	PASS
N77-3700-3980	30	40	CP-16QAM	L	Outer_Full	21.19	19.41	23.40	25.40	30.00	PASS
N77-3700-3980	30	40	CP-64QAM	L	Inner_1RB_Left	21.11	19.93	23.57	25.57	30.00	PASS
N77-3700-3980	30	40	CP-64QAM	L	Inner_1RB_Right	20.49	19.37	22.98	24.98	30.00	PASS
N77-3700-3980	30	40	CP-64QAM	L	Outer_Full	20.61	18.88	22.84	24.84	30.00	PASS
N77-3700-3980	30	40	CP-256QAM	L	Inner_1RB_Left	16.58	16.76	19.68	21.68	30.00	PASS
N77-3700-3980	30	40	CP-256QAM	L	Inner_1RB_Right	17.13	16.24	19.72	21.72	30.00	PASS
N77-3700-3980	30	40	CP-256QAM	L	Outer_Full	17.72	16.12	20.00	22.00	30.00	PASS
N77-3700-3980	30	40	CP-QPSK	M	Inner_1RB_Left	22.41	20.86	24.71	26.71	30.00	PASS
N77-3700-3980	30	40	CP-QPSK	M	Inner_1RB_Right	21.49	20.15	23.88	25.88	30.00	PASS
N77-3700-3980	30	40	CP-QPSK	M	Outer_Full	21.09	19.36	23.32	25.32	30.00	PASS
N77-3700-3980	30	40	CP-16QAM	M	Inner_1RB_Left	21.75	20.29	24.09	26.09	30.00	PASS
N77-3700-3980	30	40	CP-16QAM	M	Inner_1RB_Right	20.81	19.57	23.24	25.24	30.00	PASS
N77-3700-3980	30	40	CP-16QAM	M	Outer_Full	21.05	19.33	23.28	25.28	30.00	PASS
N77-3700-3980	30	40	CP-64QAM	M	Inner_1RB_Left	21.27	19.68	23.56	25.56	30.00	PASS
N77-3700-3980	30	40	CP-64QAM	M	Inner_1RB_Right	20.38	18.98	22.75	24.75	30.00	PASS



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

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

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



Report No.: SEWM2302000040RG02

Rev.: 01

Page: 27 of 156

N77-3700-3980	30	40	CP-64QAM	M	Outer_Full	20.47	18.78	22.72	24.72	30.00	PASS
N77-3700-3980	30	40	CP-256QAM	M	Inner_1RB_Left	16.85	16.36	19.62	21.62	30.00	PASS
N77-3700-3980	30	40	CP-256QAM	M	Inner_1RB_Right	16.96	15.91	19.48	21.48	30.00	PASS
N77-3700-3980	30	40	CP-256QAM	M	Outer_Full	17.43	15.77	19.69	21.69	30.00	PASS
N77-3700-3980	30	40	CP-QPSK	H	Inner_1RB_Left	21.84	20.66	24.30	26.30	30.00	PASS
N77-3700-3980	30	40	CP-QPSK	H	Inner_1RB_Right	20.85	20.963	23.92	25.92	30.00	PASS
N77-3700-3980	30	40	CP-QPSK	H	Outer_Full	20.92	20.38	23.67	25.67	30.00	PASS
N77-3700-3980	30	40	CP-16QAM	H	Inner_1RB_Left	21.24	20.2	23.76	25.76	30.00	PASS
N77-3700-3980	30	40	CP-16QAM	H	Inner_1RB_Right	20.63	19.63	23.17	25.17	30.00	PASS
N77-3700-3980	30	40	CP-16QAM	H	Outer_Full	21	19.63	23.38	25.38	30.00	PASS
N77-3700-3980	30	40	CP-64QAM	H	Inner_1RB_Left	20.8	19.61	23.26	25.26	30.00	PASS
N77-3700-3980	30	40	CP-64QAM	H	Inner_1RB_Right	20.57	19.26	22.97	24.97	30.00	PASS
N77-3700-3980	30	40	CP-64QAM	H	Outer_Full	20.35	19.05	22.76	24.76	30.00	PASS
N77-3700-3980	30	40	CP-256QAM	H	Inner_1RB_Left	17.63	16.52	20.12	22.12	30.00	PASS
N77-3700-3980	30	40	CP-256QAM	H	Inner_1RB_Right	17.27	18.16	20.75	22.75	30.00	PASS
N77-3700-3980	30	40	CP-256QAM	H	Outer_Full	17.46	16.18	19.88	21.88	30.00	PASS
N77-3700-3980	30	50	CP-QPSK	L	Inner_1RB_Left	20.89	20.08	23.51	25.51	30.00	PASS
N77-3700-3980	30	50	CP-QPSK	L	Inner_1RB_Right	20.3	19.05	22.73	24.73	30.00	PASS
N77-3700-3980	30	50	CP-QPSK	L	Outer_Full	20.2	18.88	22.60	24.60	30.00	PASS
N77-3700-3980	30	50	CP-16QAM	L	Inner_1RB_Left	20.31	19.61	22.98	24.98	30.00	PASS
N77-3700-3980	30	50	CP-16QAM	L	Inner_1RB_Right	19.75	18.35	22.12	24.12	30.00	PASS
N77-3700-3980	30	50	CP-16QAM	L	Outer_Full	20.17	18.85	22.57	24.57	30.00	PASS



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

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

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

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



Report No.: SEWM2302000040RG02

Rev.: 01

Page: 28 of 156

N77-3700-3980	30	50	CP-64QAM	L	Inner_1RB_Left	19.76	18.79	22.31	24.31	30.00	PASS
N77-3700-3980	30	50	CP-64QAM	L	Inner_1RB_Right	19.25	17.94	21.65	23.65	30.00	PASS
N77-3700-3980	30	50	CP-64QAM	L	Outer_Full	19.6	18.33	22.02	24.02	30.00	PASS
N77-3700-3980	30	50	CP-256QAM	L	Inner_1RB_Left	16.74	15.94	19.37	21.37	30.00	PASS
N77-3700-3980	30	50	CP-256QAM	L	Inner_1RB_Right	16.3	16.32	19.32	21.32	30.00	PASS
N77-3700-3980	30	50	CP-256QAM	L	Outer_Full	16.99	15.6	19.36	21.36	30.00	PASS
N77-3700-3980	30	50	CP-QPSK	M	Inner_1RB_Left	21.48	19.76	23.71	25.71	30.00	PASS
N77-3700-3980	30	50	CP-QPSK	M	Inner_1RB_Right	20.52	19.03	22.85	24.85	30.00	PASS
N77-3700-3980	30	50	CP-QPSK	M	Outer_Full	20.44	18.7	22.67	24.67	30.00	PASS
N77-3700-3980	30	50	CP-16QAM	M	Inner_1RB_Left	20.81	19.02	23.02	25.02	30.00	PASS
N77-3700-3980	30	50	CP-16QAM	M	Inner_1RB_Right	19.89	18.24	22.15	24.15	30.00	PASS
N77-3700-3980	30	50	CP-16QAM	M	Outer_Full	20.41	18.68	22.64	24.64	30.00	PASS
N77-3700-3980	30	50	CP-64QAM	M	Inner_1RB_Left	20.3	18.36	22.45	24.45	30.00	PASS
N77-3700-3980	30	50	CP-64QAM	M	Inner_1RB_Right	19.42	17.8	21.70	23.70	30.00	PASS
N77-3700-3980	30	50	CP-64QAM	M	Outer_Full	19.85	18.2	22.11	24.11	30.00	PASS
N77-3700-3980	30	50	CP-256QAM	M	Inner_1RB_Left	16.65	15.35	19.06	21.06	30.00	PASS
N77-3700-3980	30	50	CP-256QAM	M	Inner_1RB_Right	16.09	16.23	19.17	21.17	30.00	PASS
N77-3700-3980	30	50	CP-256QAM	M	Outer_Full	16.76	16.02	19.42	21.42	30.00	PASS
N77-3700-3980	30	50	CP-QPSK	H	Inner_1RB_Left	21.23	20.36	23.83	25.83	30.00	PASS
N77-3700-3980	30	50	CP-QPSK	H	Inner_1RB_Right	20.62	19.48	23.10	25.10	30.00	PASS
N77-3700-3980	30	50	CP-QPSK	H	Outer_Full	20.3	19	22.71	24.71	30.00	PASS
N77-3700-3980	30	50	CP-16QAM	H	Inner_1RB_Left	20.6	18.43	22.66	24.66	30.00	PASS



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

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

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

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

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

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



Report No.: SEWM2302000040RG02

Rev.: 01

Page: 29 of 156

N77-3700-3980	30	50	CP-16QAM	H	Inner_1RB_Right	19.89	18.89	22.43	24.43	30.00	PASS
N77-3700-3980	30	50	CP-16QAM	H	Outer_Full	20.25	18.85	22.62	24.62	30.00	PASS
N77-3700-3980	30	50	CP-64QAM	H	Inner_1RB_Left	20.07	17.79	22.09	24.09	30.00	PASS
N77-3700-3980	30	50	CP-64QAM	H	Inner_1RB_Right	19.45	18.1	21.84	23.84	30.00	PASS
N77-3700-3980	30	50	CP-64QAM	H	Outer_Full	19.68	18.3	22.05	24.05	30.00	PASS
N77-3700-3980	30	50	CP-256QAM	H	Inner_1RB_Left	16.73	15.18	19.03	21.03	30.00	PASS
N77-3700-3980	30	50	CP-256QAM	H	Inner_1RB_Right	16.21	15.49	18.88	20.88	30.00	PASS
N77-3700-3980	30	50	CP-256QAM	H	Outer_Full	16.23	15.57	18.92	20.92	30.00	PASS
N77-3700-3980	30	60	CP-QPSK	L	Inner_1RB_Left	21.69	16.81	22.91	24.91	30.00	PASS
N77-3700-3980	30	60	CP-QPSK	L	Inner_1RB_Right	21.54	19.42	23.62	25.62	30.00	PASS
N77-3700-3980	30	60	CP-QPSK	L	Outer_Full	20.74	19.06	22.99	24.99	30.00	PASS
N77-3700-3980	30	60	CP-16QAM	L	Inner_1RB_Left	20.96	19.98	23.51	25.51	30.00	PASS
N77-3700-3980	30	60	CP-16QAM	L	Inner_1RB_Right	20.85	18.87	22.98	24.98	30.00	PASS
N77-3700-3980	30	60	CP-16QAM	L	Outer_Full	20.62	19.08	22.93	24.93	30.00	PASS
N77-3700-3980	30	60	CP-64QAM	L	Inner_1RB_Left	20.5	19.11	22.87	24.87	30.00	PASS
N77-3700-3980	30	60	CP-64QAM	L	Inner_1RB_Right	20.26	18.24	22.38	24.38	30.00	PASS
N77-3700-3980	30	60	CP-64QAM	L	Outer_Full	20.15	18.65	22.47	24.47	30.00	PASS
N77-3700-3980	30	60	CP-256QAM	L	Inner_1RB_Left	16.52	15.32	18.97	20.97	30.00	PASS
N77-3700-3980	30	60	CP-256QAM	L	Inner_1RB_Right	16.93	15.15	19.14	21.14	30.00	PASS
N77-3700-3980	30	60	CP-256QAM	L	Outer_Full	17.66	15.86	19.86	21.86	30.00	PASS
N77-3700-3980	30	60	CP-QPSK	M	Inner_1RB_Left	22.18	19.85	24.18	26.18	30.00	PASS
N77-3700-3980	30	60	CP-QPSK	M	Inner_1RB_Right	21.2	18.98	23.24	25.24	30.00	PASS



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

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

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

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

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

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



Report No.: SEWM2302000040RG02

Rev.: 01

Page: 30 of 156

N77-3700-3980	30	60	CP-QPSK	M	Outer_Full	20.83	19.29	23.14	25.14	30.00	PASS
N77-3700-3980	30	60	CP-16QAM	M	Inner_1RB_Left	20.32	18.52	22.52	24.52	30.00	PASS
N77-3700-3980	30	60	CP-16QAM	M	Inner_1RB_Right	20.56	18.71	22.74	24.74	30.00	PASS
N77-3700-3980	30	60	CP-16QAM	M	Outer_Full	20.85	19.26	23.14	25.14	30.00	PASS
N77-3700-3980	30	60	CP-64QAM	M	Inner_1RB_Left	21.03	19.28	23.25	25.25	30.00	PASS
N77-3700-3980	30	60	CP-64QAM	M	Inner_1RB_Right	19.96	17.87	22.05	24.05	30.00	PASS
N77-3700-3980	30	60	CP-64QAM	M	Outer_Full	20.26	18.75	22.58	24.58	30.00	PASS
N77-3700-3980	30	60	CP-256QAM	M	Inner_1RB_Left	16.52	15.99	19.27	21.27	30.00	PASS
N77-3700-3980	30	60	CP-256QAM	M	Inner_1RB_Right	16.25	15.1	18.72	20.72	30.00	PASS
N77-3700-3980	30	60	CP-256QAM	M	Outer_Full	16.25	15.67	18.98	20.98	30.00	PASS
N77-3700-3980	30	60	CP-QPSK	H	Inner_1RB_Left	21.97	20.26	24.21	26.21	30.00	PASS
N77-3700-3980	30	60	CP-QPSK	H	Inner_1RB_Right	21.05	19.75	23.46	25.46	30.00	PASS
N77-3700-3980	30	60	CP-QPSK	H	Outer_Full	20.7	19.26	23.05	25.05	30.00	PASS
N77-3700-3980	30	60	CP-16QAM	H	Inner_1RB_Left	21.12	19.62	23.44	25.44	30.00	PASS
N77-3700-3980	30	60	CP-16QAM	H	Inner_1RB_Right	20.34	19.15	22.80	24.80	30.00	PASS
N77-3700-3980	30	60	CP-16QAM	H	Outer_Full	20.65	19.3	23.04	25.04	30.00	PASS
N77-3700-3980	30	60	CP-64QAM	H	Inner_1RB_Left	20.67	19.22	23.02	25.02	30.00	PASS
N77-3700-3980	30	60	CP-64QAM	H	Inner_1RB_Right	19.77	18.52	22.20	24.20	30.00	PASS
N77-3700-3980	30	60	CP-64QAM	H	Outer_Full	20.04	18.7	22.43	24.43	30.00	PASS
N77-3700-3980	30	60	CP-256QAM	H	Inner_1RB_Left	17.52	16.23	19.93	21.93	30.00	PASS
N77-3700-3980	30	60	CP-256QAM	H	Inner_1RB_Right	17.32	16.21	19.81	21.81	30.00	PASS
N77-3700-3980	30	60	CP-256QAM	H	Outer_Full	17.15	15.88	19.57	21.57	30.00	PASS



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

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

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

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



Report No.: SEWM2302000040RG02

Rev.: 01

Page: 31 of 156

N77-3700-3980	30	80	CP-QPSK	L	Inner_1RB_Left	21.95	20.37	24.24	26.24	30.00	PASS
N77-3700-3980	30	80	CP-QPSK	L	Inner_1RB_Right	21.63	21.36	24.51	26.51	30.00	PASS
N77-3700-3980	30	80	CP-QPSK	L	Outer_Full	21.36	20.89	24.14	26.14	30.00	PASS
N77-3700-3980	30	80	CP-16QAM	L	Inner_1RB_Left	20.52	19.56	23.08	25.08	30.00	PASS
N77-3700-3980	30	80	CP-16QAM	L	Inner_1RB_Right	20.36	19.45	22.94	24.94	30.00	PASS
N77-3700-3980	30	80	CP-16QAM	L	Outer_Full	20.45	20.02	23.25	25.25	30.00	PASS
N77-3700-3980	30	80	CP-64QAM	L	Inner_1RB_Left	19.63	19.23	22.44	24.44	30.00	PASS
N77-3700-3980	30	80	CP-64QAM	L	Inner_1RB_Right	19.56	19.32	22.45	24.45	30.00	PASS
N77-3700-3980	30	80	CP-64QAM	L	Outer_Full	18.63	18.14	21.40	23.40	30.00	PASS
N77-3700-3980	30	80	CP-256QAM	L	Inner_1RB_Left	16.35	16.02	19.20	21.20	30.00	PASS
N77-3700-3980	30	80	CP-256QAM	L	Inner_1RB_Right	16.52	16.32	19.43	21.43	30.00	PASS
N77-3700-3980	30	80	CP-256QAM	L	Outer_Full	16.87	15.23	19.14	21.14	30.00	PASS
N77-3700-3980	30	80	CP-QPSK	M	Inner_1RB_Left	21.52	20.96	24.26	26.26	30.00	PASS
N77-3700-3980	30	80	CP-QPSK	M	Inner_1RB_Right	21.36	20.45	23.94	25.94	30.00	PASS
N77-3700-3980	30	80	CP-QPSK	M	Outer_Full	21.25	20.85	24.06	26.06	30.00	PASS
N77-3700-3980	30	80	CP-16QAM	M	Inner_1RB_Left	20.36	19.56	22.99	24.99	30.00	PASS
N77-3700-3980	30	80	CP-16QAM	M	Inner_1RB_Right	20.52	19.45	23.03	25.03	30.00	PASS
N77-3700-3980	30	80	CP-16QAM	M	Outer_Full	20.36	19.85	23.12	25.12	30.00	PASS
N77-3700-3980	30	80	CP-64QAM	M	Inner_1RB_Left	19.58	19.23	22.42	24.42	30.00	PASS
N77-3700-3980	30	80	CP-64QAM	M	Inner_1RB_Right	20.23	19.12	22.72	24.72	30.00	PASS
N77-3700-3980	30	80	CP-64QAM	M	Outer_Full	19.56	19.03	22.31	24.31	30.00	PASS
N77-3700-3980	30	80	CP-256QAM	M	Inner_1RB_Left	17.63	16.56	20.14	22.14	30.00	PASS



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

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

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

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



Report No.: SEWM2302000040RG02

Rev.: 01

Page: 32 of 156

N77-3700-3980	30	80	CP-256QAM	M	Inner_1RB_Right	16.25	15.32	18.82	20.82	30.00	PASS
N77-3700-3980	30	80	CP-256QAM	M	Outer_Full	16.53	16.02	19.29	21.29	30.00	PASS
N77-3700-3980	30	80	CP-QPSK	H	Inner_1RB_Left	21.36	20.96	24.17	26.17	30.00	PASS
N77-3700-3980	30	80	CP-QPSK	H	Inner_1RB_Right	21.25	20.45	23.88	25.88	30.00	PASS
N77-3700-3980	30	80	CP-QPSK	H	Outer_Full	20.36	20.36	23.37	25.37	30.00	PASS
N77-3700-3980	30	80	CP-16QAM	H	Inner_1RB_Left	20.25	19.52	22.91	24.91	30.00	PASS
N77-3700-3980	30	80	CP-16QAM	H	Inner_1RB_Right	20.63	19.56	23.14	25.14	30.00	PASS
N77-3700-3980	30	80	CP-16QAM	H	Outer_Full	19.85	18.63	22.29	24.29	30.00	PASS
N77-3700-3980	30	80	CP-64QAM	H	Inner_1RB_Left	19.56	19.75	22.67	24.67	30.00	PASS
N77-3700-3980	30	80	CP-64QAM	H	Inner_1RB_Right	19.63	18.52	22.12	24.12	30.00	PASS
N77-3700-3980	30	80	CP-64QAM	H	Outer_Full	18.63	17.23	21.00	23.00	30.00	PASS
N77-3700-3980	30	80	CP-256QAM	H	Inner_1RB_Left	17.23	16.25	19.78	21.78	30.00	PASS
N77-3700-3980	30	80	CP-256QAM	H	Inner_1RB_Right	17.52	16.32	19.97	21.97	30.00	PASS
N77-3700-3980	30	80	CP-256QAM	H	Outer_Full	16.56	15.85	19.23	21.23	30.00	PASS
N77-3700-3980	30	90	CP-QPSK	L	Inner_1RB_Left	21.36	20.96	24.17	26.17	30.00	PASS
N77-3700-3980	30	90	CP-QPSK	L	Inner_1RB_Right	21.25	20.85	24.06	26.06	30.00	PASS
N77-3700-3980	30	90	CP-QPSK	L	Outer_Full	20.36	19.65	23.03	25.03	30.00	PASS
N77-3700-3980	30	90	CP-16QAM	L	Inner_1RB_Left	20.63	19.45	23.09	25.09	30.00	PASS
N77-3700-3980	30	90	CP-16QAM	L	Inner_1RB_Right	20.12	19.86	23.00	25.00	30.00	PASS
N77-3700-3980	30	90	CP-16QAM	L	Outer_Full	19.52	18.56	22.08	24.08	30.00	PASS
N77-3700-3980	30	90	CP-64QAM	L	Inner_1RB_Left	19.56	18.63	22.13	24.13	30.00	PASS
N77-3700-3980	30	90	CP-64QAM	L	Inner_1RB_Right	19.23	18.45	21.87	23.87	30.00	PASS



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

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

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

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



Report No.: SEWM2302000040RG02

Rev.: 01

Page: 33 of 156

N77-3700-3980	30	90	CP-64QAM	L	Outer_Full	18.63	17.63	21.17	23.17	30.00	PASS
N77-3700-3980	30	90	CP-256QAM	L	Inner_1RB_Left	17.52	16.58	20.09	22.09	30.00	PASS
N77-3700-3980	30	90	CP-256QAM	L	Inner_1RB_Right	17.63	16.32	20.03	22.03	30.00	PASS
N77-3700-3980	30	90	CP-256QAM	L	Outer_Full	16.23	15.58	18.93	20.93	30.00	PASS
N77-3700-3980	30	90	CP-QPSK	M	Inner_1RB_Left	21.36	20.52	23.97	25.97	30.00	PASS
N77-3700-3980	30	90	CP-QPSK	M	Inner_1RB_Right	21.20	20.36	23.81	25.81	30.00	PASS
N77-3700-3980	30	90	CP-QPSK	M	Outer_Full	21.02	20.12	23.60	25.60	30.00	PASS
N77-3700-3980	30	90	CP-16QAM	M	Inner_1RB_Left	20.63	19.56	23.14	25.14	30.00	PASS
N77-3700-3980	30	90	CP-16QAM	M	Inner_1RB_Right	20.32	19.63	23.00	25.00	30.00	PASS
N77-3700-3980	30	90	CP-16QAM	M	Outer_Full	20.25	19.45	22.88	24.88	30.00	PASS
N77-3700-3980	30	90	CP-64QAM	M	Inner_1RB_Left	19.56	18.52	22.08	24.08	30.00	PASS
N77-3700-3980	30	90	CP-64QAM	M	Inner_1RB_Right	19.63	18.21	21.99	23.99	30.00	PASS
N77-3700-3980	30	90	CP-64QAM	M	Outer_Full	18.63	17.63	21.17	23.17	30.00	PASS
N77-3700-3980	30	90	CP-256QAM	M	Inner_1RB_Left	17.52	16.58	20.09	22.09	30.00	PASS
N77-3700-3980	30	90	CP-256QAM	M	Inner_1RB_Right	17.36	16.85	20.12	22.12	30.00	PASS
N77-3700-3980	30	90	CP-256QAM	M	Outer_Full	17.52	16.76	20.17	22.17	30.00	PASS
N77-3700-3980	30	90	CP-QPSK	H	Inner_1RB_Left	21.23	20.63	23.95	25.95	30.00	PASS
N77-3700-3980	30	90	CP-QPSK	H	Inner_1RB_Right	21.36	20.45	23.94	25.94	30.00	PASS
N77-3700-3980	30	90	CP-QPSK	H	Outer_Full	20.36	20.32	23.35	25.35	30.00	PASS
N77-3700-3980	30	90	CP-16QAM	H	Inner_1RB_Left	20.52	19.52	23.06	25.06	30.00	PASS
N77-3700-3980	30	90	CP-16QAM	H	Inner_1RB_Right	20.36	19.69	23.05	25.05	30.00	PASS
N77-3700-3980	30	90	CP-16QAM	H	Outer_Full	19.52	18.85	22.21	24.21	30.00	PASS



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

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

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

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



Report No.: SEWM2302000040RG02

Rev.: 01

Page: 34 of 156

N77-3700-3980	30	90	CP-64QAM	H	Inner_1RB_Left	19.63	19.23	22.44	24.44	30.00	PASS
N77-3700-3980	30	90	CP-64QAM	H	Inner_1RB_Right	19.52	18.45	22.03	24.03	30.00	PASS
N77-3700-3980	30	90	CP-64QAM	H	Outer_Full	18.52	17.63	21.11	23.11	30.00	PASS
N77-3700-3980	30	90	CP-256QAM	H	Inner_1RB_Left	17.52	16.32	19.97	21.97	30.00	PASS
N77-3700-3980	30	90	CP-256QAM	H	Inner_1RB_Right	17.36	16.45	19.94	21.94	30.00	PASS
N77-3700-3980	30	90	CP-256QAM	H	Outer_Full	16.23	15.69	18.98	20.98	30.00	PASS
N77-3700-3980	30	100	CP-QPSK	L	Inner_1RB_Left	21.32	20.36	23.88	25.88	30.00	PASS
N77-3700-3980	30	100	CP-QPSK	L	Inner_1RB_Right	21.25	20.85	24.06	26.06	30.00	PASS
N77-3700-3980	30	100	CP-QPSK	L	Outer_Full	21.52	20.76	24.17	26.17	30.00	PASS
N77-3700-3980	30	100	CP-16QAM	L	Inner_1RB_Left	20.36	19.63	23.02	25.02	30.00	PASS
N77-3700-3980	30	100	CP-16QAM	L	Inner_1RB_Right	20.56	19.45	23.05	25.05	30.00	PASS
N77-3700-3980	30	100	CP-16QAM	L	Outer_Full	20.43	19.36	22.94	24.94	30.00	PASS
N77-3700-3980	30	100	CP-64QAM	L	Inner_1RB_Left	19.56	18.52	22.08	24.08	30.00	PASS
N77-3700-3980	30	100	CP-64QAM	L	Inner_1RB_Right	19.45	18.32	21.93	23.93	30.00	PASS
N77-3700-3980	30	100	CP-64QAM	L	Outer_Full	19.36	18.45	21.94	23.94	30.00	PASS
N77-3700-3980	30	100	CP-256QAM	L	Inner_1RB_Left	17.63	16.25	20.00	22.00	30.00	PASS
N77-3700-3980	30	100	CP-256QAM	L	Inner_1RB_Right	17.52	16.56	20.08	22.08	30.00	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	16.23	16.02	19.14	21.14	30.00	PASS
N77-3700-3980	30	100	CP-QPSK	M	Inner_1RB_Left	21.56	20.36	24.01	26.01	30.00	PASS
N77-3700-3980	30	100	CP-QPSK	M	Inner_1RB_Right	21.36	20.45	23.94	25.94	30.00	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	21.02	20.56	23.81	25.81	30.00	PASS
N77-3700-3980	30	100	CP-16QAM	M	Inner_1RB_Left	20.36	19.63	23.02	25.02	30.00	PASS



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

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

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

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

t (86-512) 62992980

www.sgs.com.cn

t (86-512) 62992980

sgs.china@sgs.com



Report No.: SEWM2302000040RG02

Rev.: 01

Page: 35 of 156

N77-3700-3980	30	100	CP-16QAM	M	Inner_1RB_Right	20.25	19.45	22.88	24.88	30.00	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	20.16	19.85	23.02	25.02	30.00	PASS
N77-3700-3980	30	100	CP-64QAM	M	Inner_1RB_Left	19.63	18.63	22.17	24.17	30.00	PASS
N77-3700-3980	30	100	CP-64QAM	M	Inner_1RB_Right	19.45	18.45	21.99	23.99	30.00	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	18.63	17.63	21.17	23.17	30.00	PASS
N77-3700-3980	30	100	CP-256QAM	M	Inner_1RB_Left	17.63	16.52	20.12	22.12	30.00	PASS
N77-3700-3980	30	100	CP-256QAM	M	Inner_1RB_Right	17.22	16.6	19.93	21.93	30.00	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	17.02	16.85	19.95	21.95	30.00	PASS
N77-3700-3980	30	100	CP-QPSK	H	Inner_1RB_Left	21.63	20.52	24.12	26.12	30.00	PASS
N77-3700-3980	30	100	CP-QPSK	H	Inner_1RB_Right	21.05	20.36	23.73	25.73	30.00	PASS
N77-3700-3980	30	100	CP-QPSK	H	Outer_Full	20.96	19.45	23.28	25.28	30.00	PASS
N77-3700-3980	30	100	CP-16QAM	H	Inner_1RB_Left	20.45	19.63	23.07	25.07	30.00	PASS
N77-3700-3980	30	100	CP-16QAM	H	Inner_1RB_Right	20.66	19.55	23.15	25.15	30.00	PASS
N77-3700-3980	30	100	CP-16QAM	H	Outer_Full	19.45	18.23	21.89	23.89	30.00	PASS
N77-3700-3980	30	100	CP-64QAM	H	Inner_1RB_Left	19.52	18.52	22.06	24.06	30.00	PASS
N77-3700-3980	30	100	CP-64QAM	H	Inner_1RB_Right	19.32	18.69	22.03	24.03	30.00	PASS
N77-3700-3980	30	100	CP-64QAM	H	Outer_Full	18.21	17.63	20.94	22.94	30.00	PASS
N77-3700-3980	30	100	CP-256QAM	H	Inner_1RB_Left	17.52	16.57	20.08	22.08	30.00	PASS
N77-3700-3980	30	100	CP-256QAM	H	Inner_1RB_Right	16.85	16.54	19.71	21.71	30.00	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	16.23	16.06	19.16	21.16	30.00	PASS



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

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

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

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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 36 of 156

Peak-to-Average Ratio for SA

Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	12.38	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	12.36	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	12.88	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	12.40	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	12.28	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	12.30	≤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号厂房南面 邮编: 215000

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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 37 of 156

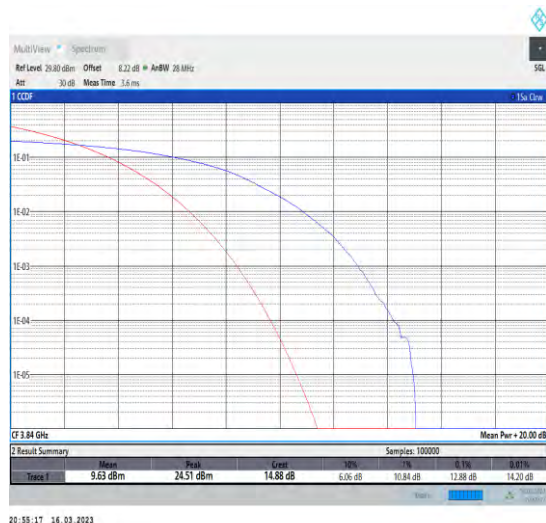
Test Graphs



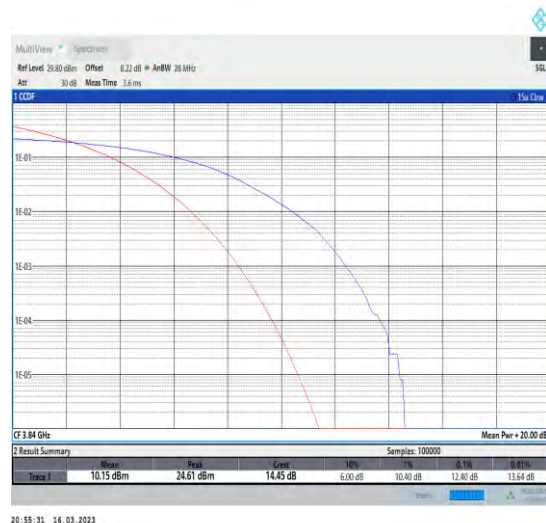
1-N77-3700-3980-30-100-L-1-DFT-256QAM-Outer_F
ull-270@0-Ant1-PASS-≤13



1-N77-3700-3980-30-100-L-2-CP-256QAM-Outer_F
ull-273@0-Ant1-PASS-≤13



1-N77-3700-3980-30-100-M-1-DFT-256QAM-Outer_F
Full-270@0-Ant1-PASS-≤13



1-N77-3700-3980-30-100-M-2-CP-256QAM-Outer_F
ull-273@0-Ant1-PASS-≤13



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

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

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

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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 38 of 156



1-N77-3700-3980-30-100-H-1-DFT-256QAM-Outer_
Full-270@0-Ant1-PASS-≤13



1-N77-3700-3980-30-100-H-2-CP-256QAM-Outer_F
ull-273@0-Ant1-PASS-≤13



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

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

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

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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 39 of 156

Modulation characteristics for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	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.

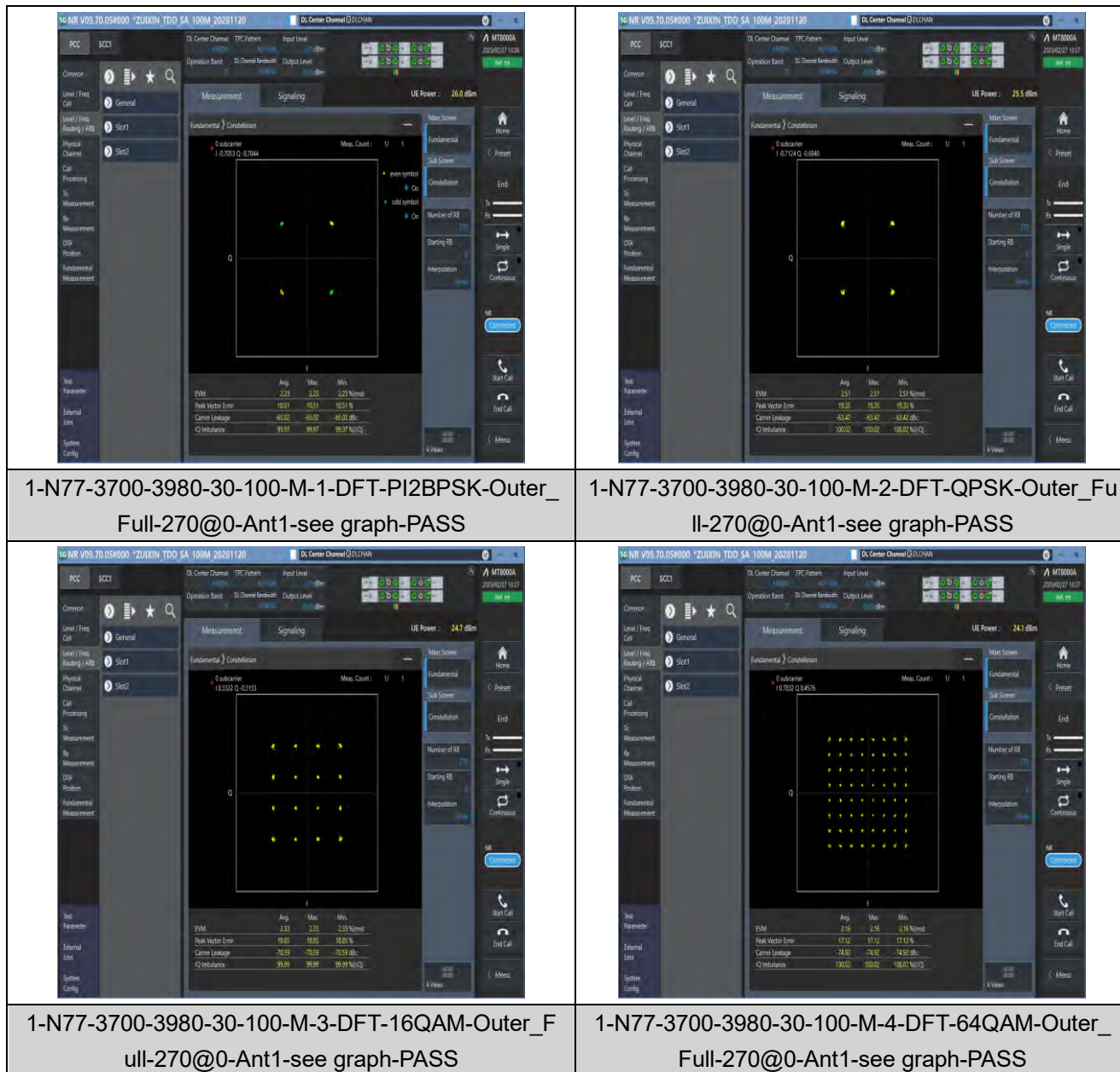
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Report No.: SEWM2302000040RG02
Rev.: 01
Page: 40 of 156

Test Graphs



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

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

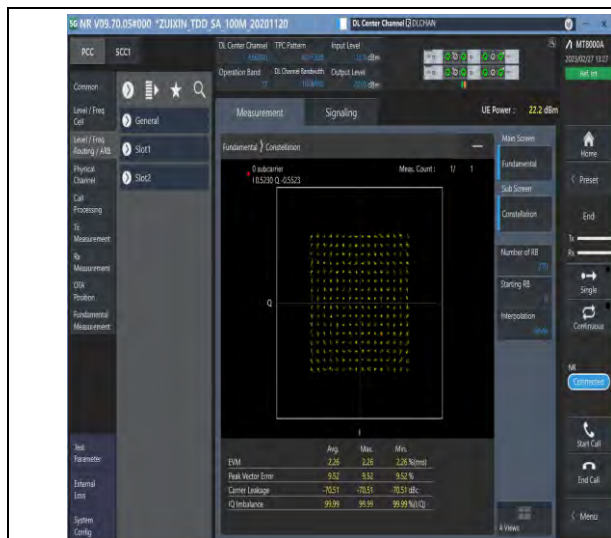
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

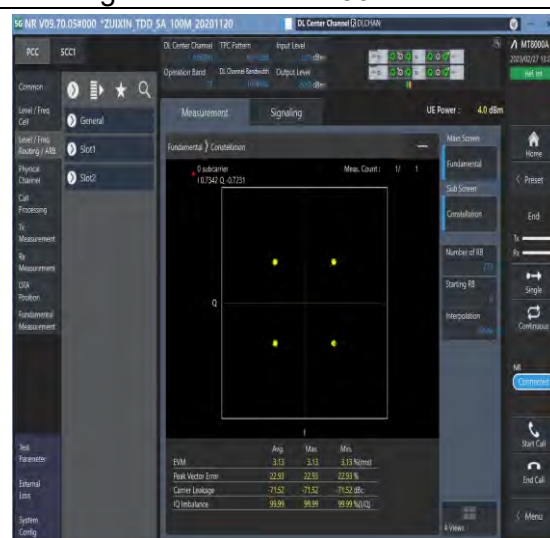
Report No.: SEWM2302000040RG02

Rev.: 01

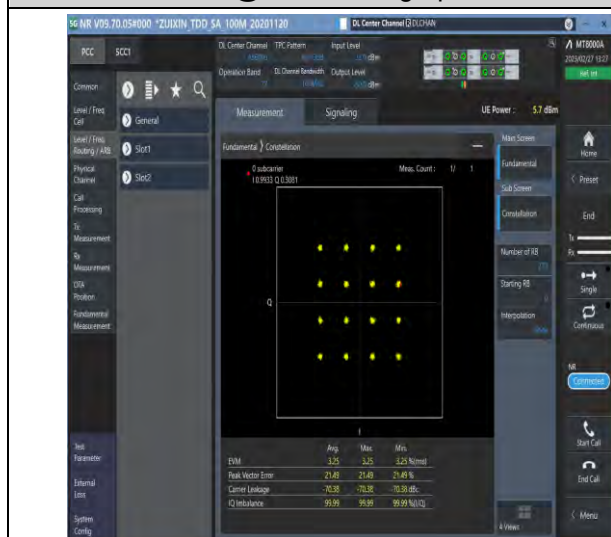
Page: 41 of 156



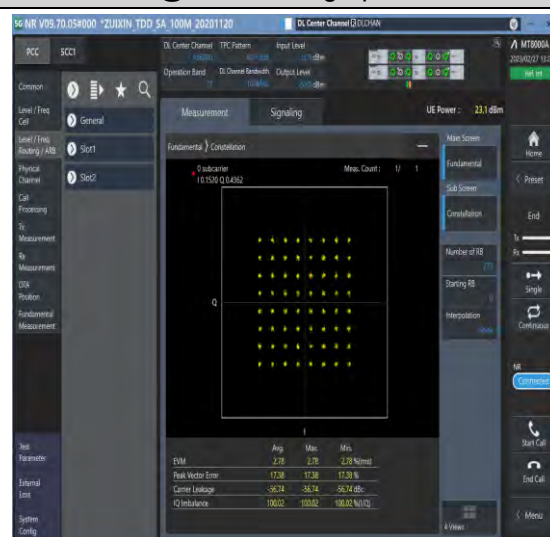
1-N77-3700-3980-30-100-M-5-DFT-256QAM-Outer_Full-270@0-Ant1-see graph-PASS



1-N77-3700-3980-30-100-M-6-CP-QPSK-Outer_Full-273@0-Ant1-see graph-PASS



1-N77-3700-3980-30-100-M-7-CP-16QAM-Outer_Full-273@0-Ant1-see graph-PASS



1-N77-3700-3980-30-100-M-8-CP-64QAM-Outer_Full-273@0-Ant1-see graph-PASS



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

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

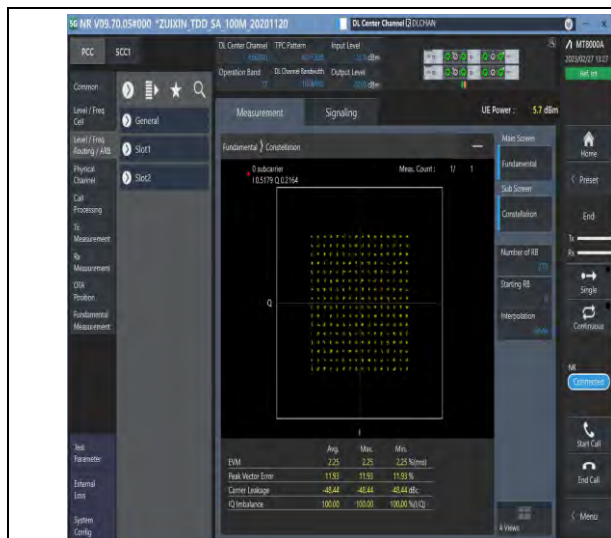
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 42 of 156



1-N77-3700-3980-30-100-M-9-CP-256QAM-Outer_F
ull-273@0-Ant1-see graph-PASS



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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 43 of 156

26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N77-3700-3980	30	10	DFT-QPSK	L	Outer_Full	8.698	12.620	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Outer_Full	8.612	10.420	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Outer_Full	8.621	10.800	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Outer_Full	8.608	11.800	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Outer_Full	8.65	11.860	PASS
N77-3700-3980	30	10	CP-QPSK	L	Outer_Full	8.706	12.120	PASS
N77-3700-3980	30	10	CP-16QAM	L	Outer_Full	8.626	11.280	PASS
N77-3700-3980	30	10	CP-64QAM	L	Outer_Full	8.617	11.720	PASS
N77-3700-3980	30	10	CP-256QAM	L	Outer_Full	8.61	12.100	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	8.595	9.660	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	8.588	9.480	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	8.591	9.740	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	8.593	9.700	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	8.58	9.620	PASS
N77-3700-3980	30	10	CP-QPSK	M	Outer_Full	8.605	10.020	PASS
N77-3700-3980	30	10	CP-16QAM	M	Outer_Full	8.551	9.820	PASS
N77-3700-3980	30	10	CP-64QAM	M	Outer_Full	8.63	9.680	PASS
N77-3700-3980	30	10	CP-256QAM	M	Outer_Full	8.611	9.620	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	8.644	12.040	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Outer_Full	8.605	11.840	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Outer_Full	8.64	10.380	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Outer_Full	8.597	11.420	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Outer_Full	8.632	10.660	PASS
N77-3700-3980	30	10	CP-QPSK	H	Outer_Full	8.609	13.040	PASS
N77-3700-3980	30	10	CP-16QAM	H	Outer_Full	8.643	11.020	PASS
N77-3700-3980	30	10	CP-64QAM	H	Outer_Full	8.62	11.400	PASS
N77-3700-3980	30	10	CP-256QAM	H	Outer_Full	8.625	12.120	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	12.888	16.410	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Outer_Full	12.772	16.290	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Outer_Full	12.858	16.230	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Outer_Full	12.856	15.960	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Outer_Full	12.821	15.840	PASS



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

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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 44 of 156

N77-3700-3980	30	15	CP-QPSK	L	Outer_Full	13.686	16.200	PASS
N77-3700-3980	30	15	CP-16QAM	L	Outer_Full	13.625	17.430	PASS
N77-3700-3980	30	15	CP-64QAM	L	Outer_Full	13.611	15.630	PASS
N77-3700-3980	30	15	CP-256QAM	L	Outer_Full	13.643	17.220	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	12.876	14.520	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	12.818	14.130	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	12.824	14.730	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	12.914	14.550	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	12.814	14.280	PASS
N77-3700-3980	30	15	CP-QPSK	M	Outer_Full	13.595	14.790	PASS
N77-3700-3980	30	15	CP-16QAM	M	Outer_Full	13.653	14.850	PASS
N77-3700-3980	30	15	CP-64QAM	M	Outer_Full	13.58	14.550	PASS
N77-3700-3980	30	15	CP-256QAM	M	Outer_Full	13.619	14.880	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	12.869	16.710	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Outer_Full	12.869	15.810	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Outer_Full	12.931	16.500	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Outer_Full	12.904	15.450	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Outer_Full	12.881	16.110	PASS
N77-3700-3980	30	15	CP-QPSK	H	Outer_Full	13.577	17.460	PASS
N77-3700-3980	30	15	CP-16QAM	H	Outer_Full	13.654	16.830	PASS
N77-3700-3980	30	15	CP-64QAM	H	Outer_Full	13.596	16.230	PASS
N77-3700-3980	30	15	CP-256QAM	H	Outer_Full	13.626	15.810	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	17.797	19.880	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Outer_Full	17.693	20.160	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Outer_Full	17.783	20.440	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Outer_Full	17.917	19.640	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Outer_Full	17.817	21.360	PASS
N77-3700-3980	30	20	CP-QPSK	L	Outer_Full	18.188	21.120	PASS
N77-3700-3980	30	20	CP-16QAM	L	Outer_Full	18.178	21.840	PASS
N77-3700-3980	30	20	CP-64QAM	L	Outer_Full	18.275	21.320	PASS
N77-3700-3980	30	20	CP-256QAM	L	Outer_Full	18.203	20.920	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	17.815	19.360	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	17.869	19.200	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	17.779	19.360	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	17.859	19.320	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	17.814	19.560	PASS
N77-3700-3980	30	20	CP-QPSK	M	Outer_Full	18.18	19.400	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号厂房南座 邮编: 215000

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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 45 of 156

N77-3700-3980	30	20	CP-16QAM	M	Outer_Full	18.188	19.160	PASS
N77-3700-3980	30	20	CP-64QAM	M	Outer_Full	18.179	19.360	PASS
N77-3700-3980	30	20	CP-256QAM	M	Outer_Full	18.2	19.680	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	17.814	21.080	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Outer_Full	17.827	19.880	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Outer_Full	17.769	20.120	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Outer_Full	17.784	19.760	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Outer_Full	17.872	19.960	PASS
N77-3700-3980	30	20	CP-QPSK	H	Outer_Full	18.25	20.960	PASS
N77-3700-3980	30	20	CP-16QAM	H	Outer_Full	18.274	21.520	PASS
N77-3700-3980	30	20	CP-64QAM	H	Outer_Full	18.279	20.960	PASS
N77-3700-3980	30	20	CP-256QAM	H	Outer_Full	18.222	20.400	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	35.72	39.520	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Outer_Full	35.89	40.400	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Outer_Full	35.742	40.560	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Outer_Full	35.625	39.840	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Outer_Full	35.769	40.960	PASS
N77-3700-3980	30	40	CP-QPSK	L	Outer_Full	37.755	40.880	PASS
N77-3700-3980	30	40	CP-16QAM	L	Outer_Full	37.795	41.280	PASS
N77-3700-3980	30	40	CP-64QAM	L	Outer_Full	37.895	39.920	PASS
N77-3700-3980	30	40	CP-256QAM	L	Outer_Full	37.731	41.200	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	35.807	38.720	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	35.629	39.120	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	35.669	40.000	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Outer_Full	35.758	38.720	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	35.705	38.960	PASS
N77-3700-3980	30	40	CP-QPSK	M	Outer_Full	37.85	39.920	PASS
N77-3700-3980	30	40	CP-16QAM	M	Outer_Full	37.738	39.360	PASS
N77-3700-3980	30	40	CP-64QAM	M	Outer_Full	37.784	39.600	PASS
N77-3700-3980	30	40	CP-256QAM	M	Outer_Full	37.748	39.840	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Outer_Full	35.804	41.600	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Outer_Full	35.65	40.080	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Outer_Full	35.761	39.680	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Outer_Full	35.6	38.560	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Outer_Full	35.848	39.440	PASS
N77-3700-3980	30	40	CP-QPSK	H	Outer_Full	37.81	40.640	PASS
N77-3700-3980	30	40	CP-16QAM	H	Outer_Full	37.765	40.560	PASS



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

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

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

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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 46 of 156

N77-3700-3980	30	40	CP-64QAM	H	Outer_Full	37.777	40.640	PASS
N77-3700-3980	30	40	CP-256QAM	H	Outer_Full	37.723	42.080	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Outer_Full	45.589	50.900	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Outer_Full	45.617	53.500	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Outer_Full	45.577	52.500	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Outer_Full	45.727	51.600	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Outer_Full	45.604	51.600	PASS
N77-3700-3980	30	50	CP-QPSK	L	Outer_Full	45.721	51.400	PASS
N77-3700-3980	30	50	CP-16QAM	L	Outer_Full	47.393	52.400	PASS
N77-3700-3980	30	50	CP-64QAM	L	Outer_Full	47.413	52.300	PASS
N77-3700-3980	30	50	CP-256QAM	L	Outer_Full	47.296	52.200	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	45.774	48.700	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	45.788	49.200	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	45.65	48.100	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	45.726	49.100	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	45.516	49.200	PASS
N77-3700-3980	30	50	CP-QPSK	M	Outer_Full	47.323	49.200	PASS
N77-3700-3980	30	50	CP-16QAM	M	Outer_Full	47.345	50.200	PASS
N77-3700-3980	30	50	CP-64QAM	M	Outer_Full	47.251	50.800	PASS
N77-3700-3980	30	50	CP-256QAM	M	Outer_Full	47.327	49.700	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Outer_Full	45.616	50.300	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Outer_Full	45.532	52.200	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Outer_Full	45.663	54.100	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Outer_Full	45.64	51.200	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Outer_Full	45.468	51.400	PASS
N77-3700-3980	30	50	CP-QPSK	H	Outer_Full	47.375	52.200	PASS
N77-3700-3980	30	50	CP-16QAM	H	Outer_Full	47.349	52.400	PASS
N77-3700-3980	30	50	CP-64QAM	H	Outer_Full	47.138	52.500	PASS
N77-3700-3980	30	50	CP-256QAM	H	Outer_Full	47.206	50.400	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Outer_Full	57.713	61.800	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Outer_Full	57.645	62.040	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Outer_Full	57.78	62.520	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Outer_Full	57.796	60.840	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Outer_Full	57.828	60.600	PASS
N77-3700-3980	30	60	CP-QPSK	L	Outer_Full	57.682	62.520	PASS
N77-3700-3980	30	60	CP-16QAM	L	Outer_Full	57.722	61.080	PASS
N77-3700-3980	30	60	CP-64QAM	L	Outer_Full	57.557	61.320	PASS



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

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

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

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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 47 of 156

N77-3700-3980	30	60	CP-256QAM	L	Outer_Full	57.595	65.160	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	57.761	59.640	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	57.654	59.760	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	57.715	59.760	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	57.812	59.880	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	57.575	60.240	PASS
N77-3700-3980	30	60	CP-QPSK	M	Outer_Full	57.68	59.520	PASS
N77-3700-3980	30	60	CP-16QAM	M	Outer_Full	57.598	59.640	PASS
N77-3700-3980	30	60	CP-64QAM	M	Outer_Full	57.706	62.160	PASS
N77-3700-3980	30	60	CP-256QAM	M	Outer_Full	57.63	59.880	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Outer_Full	57.609	59.520	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Outer_Full	57.427	61.080	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Outer_Full	57.658	60.360	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Outer_Full	57.577	60.360	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Outer_Full	57.44	59.640	PASS
N77-3700-3980	30	60	CP-QPSK	H	Outer_Full	57.753	60.360	PASS
N77-3700-3980	30	60	CP-16QAM	H	Outer_Full	57.588	60.120	PASS
N77-3700-3980	30	60	CP-64QAM	H	Outer_Full	57.553	59.640	PASS
N77-3700-3980	30	60	CP-256QAM	H	Outer_Full	57.629	60.360	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Outer_Full	77.095	88.800	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Outer_Full	77.141	87.200	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Outer_Full	77.207	85.920	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Outer_Full	77.103	89.120	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Outer_Full	77.02	89.120	PASS
N77-3700-3980	30	80	CP-QPSK	L	Outer_Full	77.508	88.640	PASS
N77-3700-3980	30	80	CP-16QAM	L	Outer_Full	77.497	87.840	PASS
N77-3700-3980	30	80	CP-64QAM	L	Outer_Full	77.519	93.120	PASS
N77-3700-3980	30	80	CP-256QAM	L	Outer_Full	77.393	89.440	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	76.929	80.640	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Outer_Full	77.008	80.320	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	76.976	80.160	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	77.022	80.480	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	76.957	80.640	PASS
N77-3700-3980	30	80	CP-QPSK	M	Outer_Full	77.364	80.800	PASS
N77-3700-3980	30	80	CP-16QAM	M	Outer_Full	77.339	80.480	PASS
N77-3700-3980	30	80	CP-64QAM	M	Outer_Full	77.245	80.960	PASS
N77-3700-3980	30	80	CP-256QAM	M	Outer_Full	77.392	80.480	PASS



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

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

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

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

Report No.: SEWM2302000040RG02

Rev.: 01

Page: 48 of 156

N77-3700-3980	30	80	DFT-QPSK	H	Outer_Full	76.93	87.040	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Outer_Full	77.092	86.080	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Outer_Full	76.991	84.640	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Outer_Full	77.157	87.040	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Outer_Full	77.028	84.800	PASS
N77-3700-3980	30	80	CP-QPSK	H	Outer_Full	77.179	87.040	PASS
N77-3700-3980	30	80	CP-16QAM	H	Outer_Full	77.201	86.720	PASS
N77-3700-3980	30	80	CP-64QAM	H	Outer_Full	77.35	87.520	PASS
N77-3700-3980	30	80	CP-256QAM	H	Outer_Full	77.037	90.560	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Outer_Full	85.718	96.300	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Outer_Full	85.95	98.100	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Outer_Full	85.893	99.720	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Outer_Full	85.864	96.300	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Outer_Full	85.847	99.360	PASS
N77-3700-3980	30	90	CP-QPSK	L	Outer_Full	87.538	105.120	PASS
N77-3700-3980	30	90	CP-16QAM	L	Outer_Full	87.605	101.520	PASS
N77-3700-3980	30	90	CP-64QAM	L	Outer_Full	87.573	103.500	PASS
N77-3700-3980	30	90	CP-256QAM	L	Outer_Full	87.776	98.460	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	85.482	89.280	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	85.62	90.360	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	85.897	90.180	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Outer_Full	85.878	90.000	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Outer_Full	85.881	91.620	PASS
N77-3700-3980	30	90	CP-QPSK	M	Outer_Full	87.478	92.700	PASS
N77-3700-3980	30	90	CP-16QAM	M	Outer_Full	87.525	90.900	PASS
N77-3700-3980	30	90	CP-64QAM	M	Outer_Full	87.685	93.960	PASS
N77-3700-3980	30	90	CP-256QAM	M	Outer_Full	87.584	93.780	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Outer_Full	85.599	97.740	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Outer_Full	85.807	100.440	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Outer_Full	85.47	98.820	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Outer_Full	85.826	97.020	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Outer_Full	85.689	97.560	PASS
N77-3700-3980	30	90	CP-QPSK	H	Outer_Full	87.598	97.200	PASS
N77-3700-3980	30	90	CP-16QAM	H	Outer_Full	87.463	101.160	PASS
N77-3700-3980	30	90	CP-64QAM	H	Outer_Full	87.495	101.700	PASS
N77-3700-3980	30	90	CP-256QAM	H	Outer_Full	87.522	96.660	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	96.349	100.000	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
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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