

Report No.: SEWM2304000122RG02

Rev.: 01

Page: 1 of 307

Appendix B.44

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号厂房南部 邮编: 215000

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

Report No.: SEWM2304000122RG02

Rev.: 01

Page: 2 of 307

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N77-3700-3980	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	26.15	20.05	30.00	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	26.23	20.13	30.00	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Outer_Full	25.82	19.72	30.00	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Inner_1RB_Left	26.21	20.11	30.00	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Inner_1RB_Right	26.28	20.18	30.00	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Outer_Full	25.34	19.24	30.00	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Inner_1RB_Left	25.35	19.25	30.00	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Inner_1RB_Right	25.36	19.26	30.00	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Outer_Full	24.39	18.29	30.00	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Inner_1RB_Left	23.84	17.74	30.00	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Inner_1RB_Right	23.92	17.82	30.00	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Outer_Full	23.91	17.81	30.00	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Inner_1RB_Left	21.69	15.59	30.00	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Inner_1RB_Right	21.72	15.62	30.00	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Outer_Full	21.77	15.67	30.00	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	26.02	19.92	30.00	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	25.84	19.74	30.00	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	25.56	19.46	30.00	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Inner_1RB_Left	26.00	19.90	30.00	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Inner_1RB_Right	25.86	19.76	30.00	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	25.05	18.95	30.00	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Inner_1RB_Left	25.19	19.09	30.00	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Inner_1RB_Right	24.97	18.87	30.00	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	24.08	17.98	30.00	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Inner_1RB_Left	23.69	17.59	30.00	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Inner_1RB_Right	23.54	17.44	30.00	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	23.58	17.48	30.00	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Inner_1RB_Left	21.47	15.37	30.00	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Inner_1RB_Right	21.33	15.23	30.00	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	21.51	15.41	30.00	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	26.58	20.48	30.00	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Inner_1RB_Right	26.62	20.52	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.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2304000122RG02

Rev.: 01

Page: 3 of 307

N77-3700-3980	30	10	DFT-PI2BPSK	H	Outer_Full	26.20	20.10	30.00	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Inner_1RB_Left	26.55	20.45	30.00	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Inner_1RB_Right	26.67	20.57	30.00	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	25.75	19.65	30.00	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Inner_1RB_Left	25.68	19.58	30.00	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Inner_1RB_Right	25.76	19.66	30.00	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Outer_Full	24.76	18.66	30.00	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Inner_1RB_Left	24.14	18.04	30.00	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Inner_1RB_Right	24.29	18.19	30.00	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Outer_Full	24.29	18.19	30.00	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Inner_1RB_Left	21.88	15.78	30.00	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Inner_1RB_Right	22.10	16.00	30.00	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Outer_Full	22.11	16.01	30.00	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Inner_1RB_Left	26.30	20.20	30.00	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Inner_1RB_Right	26.38	20.28	30.00	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Outer_Full	25.92	19.82	30.00	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Inner_1RB_Left	26.34	20.24	30.00	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Inner_1RB_Right	26.44	20.34	30.00	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	25.40	19.30	30.00	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Inner_1RB_Left	25.40	19.30	30.00	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Inner_1RB_Right	25.53	19.43	30.00	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Outer_Full	24.45	18.35	30.00	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Inner_1RB_Left	23.94	17.84	30.00	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Inner_1RB_Right	24.04	17.94	30.00	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Outer_Full	23.91	17.81	30.00	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Inner_1RB_Left	21.78	15.68	30.00	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Inner_1RB_Right	21.89	15.79	30.00	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Outer_Full	21.86	15.76	30.00	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Inner_1RB_Left	26.23	20.13	30.00	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Inner_1RB_Right	26.00	19.90	30.00	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	25.70	19.60	30.00	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Inner_1RB_Left	26.22	20.12	30.00	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Inner_1RB_Right	26.09	19.99	30.00	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	25.19	19.09	30.00	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Inner_1RB_Left	25.33	19.23	30.00	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Inner_1RB_Right	25.13	19.03	30.00	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	24.23	18.13	30.00	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Inner_1RB_Left	23.91	17.81	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.cn
t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 4 of 307

N77-3700-3980	30	15	DFT-64QAM	M	Inner_1RB_Right	23.58	17.48	30.00	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	23.69	17.59	30.00	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Inner_1RB_Left	21.65	15.55	30.00	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Inner_1RB_Right	21.38	15.28	30.00	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	21.58	15.48	30.00	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Inner_1RB_Left	26.52	20.42	30.00	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Inner_1RB_Right	26.71	20.61	30.00	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Outer_Full	26.14	20.04	30.00	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Inner_1RB_Left	26.55	20.45	30.00	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Inner_1RB_Right	26.72	20.62	30.00	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	25.74	19.64	30.00	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Inner_1RB_Left	25.70	19.60	30.00	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Inner_1RB_Right	25.85	19.75	30.00	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Outer_Full	24.74	18.64	30.00	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Inner_1RB_Left	24.17	18.07	30.00	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Inner_1RB_Right	24.34	18.24	30.00	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Outer_Full	24.10	18.00	30.00	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Inner_1RB_Left	21.92	15.82	30.00	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Inner_1RB_Right	22.13	16.03	30.00	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Outer_Full	22.08	15.98	30.00	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	26.28	20.18	30.00	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	26.41	20.31	30.00	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Outer_Full	25.96	19.86	30.00	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Inner_1RB_Left	26.29	20.19	30.00	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Inner_1RB_Right	26.40	20.30	30.00	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	25.40	19.30	30.00	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Inner_1RB_Left	25.44	19.34	30.00	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Inner_1RB_Right	25.56	19.46	30.00	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Outer_Full	24.43	18.33	30.00	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Inner_1RB_Left	23.86	17.76	30.00	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Inner_1RB_Right	24.08	17.98	30.00	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Outer_Full	23.94	17.84	30.00	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Inner_1RB_Left	21.68	15.58	30.00	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Inner_1RB_Right	21.87	15.77	30.00	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Outer_Full	21.91	15.81	30.00	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	26.30	20.20	30.00	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	26.00	19.90	30.00	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	25.75	19.65	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号厂房南面 邮编: 215000

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



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 5 of 307

N77-3700-3980	30	20	DFT-QPSK	M	Inner_1RB_Left	26.31	20.21	30.00	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Inner_1RB_Right	25.95	19.85	30.00	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	25.21	19.11	30.00	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Inner_1RB_Left	25.39	19.29	30.00	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Inner_1RB_Right	25.20	19.10	30.00	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	24.23	18.13	30.00	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Inner_1RB_Left	23.90	17.80	30.00	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Inner_1RB_Right	23.63	17.53	30.00	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	23.70	17.60	30.00	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Inner_1RB_Left	21.76	15.66	30.00	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Inner_1RB_Right	21.37	15.27	30.00	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	21.63	15.53	30.00	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	26.46	20.36	30.00	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	26.73	20.63	30.00	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Outer_Full	26.17	20.07	30.00	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Inner_1RB_Left	26.48	20.38	30.00	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Inner_1RB_Right	26.75	20.65	30.00	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	25.65	19.55	30.00	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Inner_1RB_Left	25.61	19.51	30.00	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Inner_1RB_Right	25.93	19.83	30.00	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Outer_Full	24.68	18.58	30.00	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Inner_1RB_Left	24.07	17.97	30.00	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Inner_1RB_Right	24.37	18.27	30.00	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Outer_Full	24.22	18.12	30.00	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Inner_1RB_Left	21.92	15.82	30.00	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Inner_1RB_Right	22.20	16.10	30.00	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Outer_Full	22.12	16.02	30.00	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	L	Inner_1RB_Left	26.30	20.20	30.00	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	L	Inner_1RB_Right	26.54	20.44	30.00	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	L	Outer_Full	26.04	19.94	30.00	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Inner_1RB_Left	26.39	20.29	30.00	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Inner_1RB_Right	26.60	20.50	30.00	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Outer_Full	25.50	19.40	30.00	PASS
N77-3700-3980	30	30	DFT-16QAM	L	Inner_1RB_Left	25.55	19.45	30.00	PASS
N77-3700-3980	30	30	DFT-16QAM	L	Inner_1RB_Right	25.68	19.58	30.00	PASS
N77-3700-3980	30	30	DFT-16QAM	L	Outer_Full	24.49	18.39	30.00	PASS
N77-3700-3980	30	30	DFT-64QAM	L	Inner_1RB_Left	23.94	17.84	30.00	PASS
N77-3700-3980	30	30	DFT-64QAM	L	Inner_1RB_Right	24.25	18.15	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.cn
t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 6 of 307

N77-3700-3980	30	30	DFT-64QAM	L	Outer_Full	24.02	17.92	30.00	PASS
N77-3700-3980	30	30	DFT-256QAM	L	Inner_1RB_Left	21.78	15.68	30.00	PASS
N77-3700-3980	30	30	DFT-256QAM	L	Inner_1RB_Right	22.01	15.91	30.00	PASS
N77-3700-3980	30	30	DFT-256QAM	L	Outer_Full	22.01	15.91	30.00	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	M	Inner_1RB_Left	26.35	20.25	30.00	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	M	Inner_1RB_Right	26.08	19.98	30.00	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	M	Outer_Full	25.86	19.76	30.00	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Inner_1RB_Left	26.36	20.26	30.00	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Inner_1RB_Right	26.11	20.01	30.00	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	25.36	19.26	30.00	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Inner_1RB_Left	25.54	19.44	30.00	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Inner_1RB_Right	25.27	19.17	30.00	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Outer_Full	24.30	18.20	30.00	PASS
N77-3700-3980	30	30	DFT-64QAM	M	Inner_1RB_Left	23.97	17.87	30.00	PASS
N77-3700-3980	30	30	DFT-64QAM	M	Inner_1RB_Right	23.73	17.63	30.00	PASS
N77-3700-3980	30	30	DFT-64QAM	M	Outer_Full	23.84	17.74	30.00	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Inner_1RB_Left	21.73	15.63	30.00	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Inner_1RB_Right	21.49	15.39	30.00	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Outer_Full	21.74	15.64	30.00	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	H	Inner_1RB_Left	26.28	20.18	30.00	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	H	Inner_1RB_Right	26.75	20.65	30.00	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	H	Outer_Full	26.14	20.04	30.00	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Inner_1RB_Left	26.31	20.21	30.00	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Inner_1RB_Right	26.79	20.69	30.00	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Outer_Full	25.63	19.53	30.00	PASS
N77-3700-3980	30	30	DFT-16QAM	H	Inner_1RB_Left	25.51	19.41	30.00	PASS
N77-3700-3980	30	30	DFT-16QAM	H	Inner_1RB_Right	25.92	19.82	30.00	PASS
N77-3700-3980	30	30	DFT-16QAM	H	Outer_Full	24.61	18.51	30.00	PASS
N77-3700-3980	30	30	DFT-64QAM	H	Inner_1RB_Left	23.93	17.83	30.00	PASS
N77-3700-3980	30	30	DFT-64QAM	H	Inner_1RB_Right	24.42	18.32	30.00	PASS
N77-3700-3980	30	30	DFT-64QAM	H	Outer_Full	24.16	18.06	30.00	PASS
N77-3700-3980	30	30	DFT-256QAM	H	Inner_1RB_Left	21.80	15.70	30.00	PASS
N77-3700-3980	30	30	DFT-256QAM	H	Inner_1RB_Right	22.22	16.12	30.00	PASS
N77-3700-3980	30	30	DFT-256QAM	H	Outer_Full	22.12	16.02	30.00	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	26.49	20.39	30.00	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	26.54	20.44	30.00	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Outer_Full	26.06	19.96	30.00	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Inner_1RB_Left	26.56	20.46	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-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

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

Report No.: SEWM2304000122RG02

Rev.: 01

Page: 7 of 307

N77-3700-3980	30	40	DFT-QPSK	L	Inner_1RB_Right	26.59	20.49	30.00	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	25.55	19.45	30.00	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Inner_1RB_Left	25.60	19.50	30.00	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Inner_1RB_Right	25.73	19.63	30.00	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Outer_Full	24.55	18.45	30.00	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Inner_1RB_Left	24.13	18.03	30.00	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Inner_1RB_Right	24.23	18.13	30.00	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Outer_Full	24.03	17.93	30.00	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Inner_1RB_Left	21.94	15.84	30.00	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Inner_1RB_Right	22.03	15.93	30.00	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Outer_Full	22.03	15.93	30.00	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	26.52	20.42	30.00	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	26.14	20.04	30.00	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	25.88	19.78	30.00	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Inner_1RB_Left	26.50	20.40	30.00	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Inner_1RB_Right	26.17	20.07	30.00	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	25.39	19.29	30.00	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Inner_1RB_Left	25.67	19.57	30.00	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Inner_1RB_Right	25.35	19.25	30.00	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	24.38	18.28	30.00	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Inner_1RB_Left	24.14	18.04	30.00	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Inner_1RB_Right	23.79	17.69	30.00	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Outer_Full	23.92	17.82	30.00	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Inner_1RB_Left	21.95	15.85	30.00	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Inner_1RB_Right	21.59	15.49	30.00	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	21.81	15.71	30.00	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	26.33	20.23	30.00	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	26.95	20.85	30.00	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Outer_Full	26.13	20.03	30.00	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Inner_1RB_Left	26.37	20.27	30.00	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Inner_1RB_Right	26.91	20.81	30.00	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Outer_Full	25.66	19.56	30.00	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Inner_1RB_Left	25.60	19.50	30.00	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Inner_1RB_Right	26.09	19.99	30.00	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Outer_Full	24.71	18.61	30.00	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Inner_1RB_Left	24.02	17.92	30.00	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Inner_1RB_Right	24.56	18.46	30.00	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Outer_Full	24.15	18.05	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.cn
t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 8 of 307

N77-3700-3980	30	40	DFT-256QAM	H	Inner_1RB_Left	21.93	15.83	30.00	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Inner_1RB_Right	22.41	16.31	30.00	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Outer_Full	22.23	16.13	30.00	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Inner_1RB_Left	26.10	20.00	30.00	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Inner_1RB_Right	26.20	20.10	30.00	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Outer_Full	25.91	19.81	30.00	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Inner_1RB_Left	26.14	20.04	30.00	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Inner_1RB_Right	26.27	20.17	30.00	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Outer_Full	25.40	19.30	30.00	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Inner_1RB_Left	25.30	19.20	30.00	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Inner_1RB_Right	25.35	19.25	30.00	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Outer_Full	24.42	18.32	30.00	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Inner_1RB_Left	23.71	17.61	30.00	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Inner_1RB_Right	23.87	17.77	30.00	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Outer_Full	23.78	17.68	30.00	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Inner_1RB_Left	21.62	15.52	30.00	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Inner_1RB_Right	21.60	15.50	30.00	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Outer_Full	21.88	15.78	30.00	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Inner_1RB_Left	26.17	20.07	30.00	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Inner_1RB_Right	25.98	19.88	30.00	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	25.68	19.58	30.00	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Inner_1RB_Left	26.19	20.09	30.00	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Inner_1RB_Right	25.97	19.87	30.00	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	25.19	19.09	30.00	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Inner_1RB_Left	25.29	19.19	30.00	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Inner_1RB_Right	25.18	19.08	30.00	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	24.20	18.10	30.00	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Inner_1RB_Left	23.78	17.68	30.00	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Inner_1RB_Right	23.56	17.46	30.00	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	23.68	17.58	30.00	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Inner_1RB_Left	21.60	15.50	30.00	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Inner_1RB_Right	21.45	15.35	30.00	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	21.58	15.48	30.00	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Inner_1RB_Left	26.23	20.13	30.00	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Inner_1RB_Right	26.65	20.55	30.00	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Outer_Full	25.96	19.86	30.00	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Inner_1RB_Left	26.22	20.12	30.00	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Inner_1RB_Right	26.70	20.60	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.cn
t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 9 of 307

N77-3700-3980	30	50	DFT-QPSK	H	Outer_Full	25.43	19.33	30.00	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Inner_1RB_Left	25.34	19.24	30.00	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Inner_1RB_Right	25.82	19.72	30.00	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Outer_Full	24.48	18.38	30.00	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Inner_1RB_Left	23.82	17.72	30.00	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Inner_1RB_Right	24.30	18.20	30.00	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Outer_Full	23.96	17.86	30.00	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Inner_1RB_Left	21.67	15.57	30.00	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Inner_1RB_Right	22.07	15.97	30.00	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Outer_Full	21.89	15.79	30.00	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Inner_1RB_Left	26.07	19.97	30.00	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Inner_1RB_Right	26.20	20.10	30.00	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Outer_Full	25.72	19.62	30.00	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Inner_1RB_Left	26.03	19.93	30.00	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Inner_1RB_Right	26.17	20.07	30.00	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Outer_Full	25.21	19.11	30.00	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Inner_1RB_Left	25.22	19.12	30.00	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Inner_1RB_Right	25.34	19.24	30.00	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Outer_Full	24.30	18.20	30.00	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Inner_1RB_Left	23.68	17.58	30.00	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Inner_1RB_Right	23.81	17.71	30.00	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Outer_Full	23.77	17.67	30.00	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Inner_1RB_Left	21.45	15.35	30.00	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Inner_1RB_Right	21.58	15.48	30.00	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Outer_Full	21.69	15.59	30.00	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Inner_1RB_Left	26.13	20.03	30.00	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Inner_1RB_Right	25.93	19.83	30.00	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	25.69	19.59	30.00	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Inner_1RB_Left	26.08	19.98	30.00	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Inner_1RB_Right	25.95	19.85	30.00	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	25.15	19.05	30.00	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Inner_1RB_Left	25.27	19.17	30.00	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Inner_1RB_Right	25.04	18.94	30.00	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	24.11	18.01	30.00	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Inner_1RB_Left	23.68	17.58	30.00	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Inner_1RB_Right	23.44	17.34	30.00	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	23.67	17.57	30.00	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Inner_1RB_Left	21.62	15.52	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.cn
t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 10 of 307

N77-3700-3980	30	60	DFT-256QAM	M	Inner_1RB_Right	21.27	15.17	30.00	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	21.60	15.50	30.00	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Inner_1RB_Left	26.28	20.18	30.00	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Inner_1RB_Right	26.68	20.58	30.00	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Outer_Full	25.94	19.84	30.00	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Inner_1RB_Left	26.32	20.22	30.00	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Inner_1RB_Right	26.69	20.59	30.00	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Outer_Full	25.45	19.35	30.00	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Inner_1RB_Left	25.43	19.33	30.00	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Inner_1RB_Right	25.79	19.69	30.00	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Outer_Full	24.44	18.34	30.00	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Inner_1RB_Left	23.87	17.77	30.00	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Inner_1RB_Right	24.30	18.20	30.00	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Outer_Full	23.93	17.83	30.00	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Inner_1RB_Left	21.67	15.57	30.00	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Inner_1RB_Right	22.13	16.03	30.00	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Outer_Full	21.94	15.84	30.00	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Inner_1RB_Left	25.98	19.88	30.00	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Inner_1RB_Right	26.12	20.02	30.00	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Outer_Full	25.77	19.67	30.00	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Inner_1RB_Left	25.99	19.89	30.00	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Inner_1RB_Right	26.14	20.04	30.00	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Outer_Full	25.32	19.22	30.00	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Inner_1RB_Left	25.15	19.05	30.00	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Inner_1RB_Right	25.29	19.19	30.00	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Outer_Full	24.23	18.13	30.00	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Inner_1RB_Left	23.59	17.49	30.00	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Inner_1RB_Right	23.75	17.65	30.00	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Outer_Full	23.69	17.59	30.00	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Inner_1RB_Left	21.39	15.29	30.00	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Inner_1RB_Right	21.61	15.51	30.00	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Outer_Full	21.72	15.62	30.00	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Inner_1RB_Left	25.98	19.88	30.00	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Inner_1RB_Right	25.63	19.53	30.00	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Outer_Full	25.47	19.37	30.00	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Inner_1RB_Left	26.00	19.90	30.00	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Inner_1RB_Right	25.73	19.63	30.00	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	25.01	18.91	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.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2304000122RG02

Rev.: 01

Page: 11 of 307

N77-3700-3980	30	70	DFT-16QAM	M	Inner_1RB_Left	25.20	19.10	30.00	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Inner_1RB_Right	24.89	18.79	30.00	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Outer_Full	24.00	17.90	30.00	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Inner_1RB_Left	23.62	17.52	30.00	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Inner_1RB_Right	23.34	17.24	30.00	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Outer_Full	23.57	17.47	30.00	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Inner_1RB_Left	21.47	15.37	30.00	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Inner_1RB_Right	21.12	15.02	30.00	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Outer_Full	21.46	15.36	30.00	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Inner_1RB_Left	25.89	19.79	30.00	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Inner_1RB_Right	26.21	20.11	30.00	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Outer_Full	25.58	19.48	30.00	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Inner_1RB_Left	25.93	19.83	30.00	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Inner_1RB_Right	26.21	20.11	30.00	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Outer_Full	25.15	19.05	30.00	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Inner_1RB_Left	25.04	18.94	30.00	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Inner_1RB_Right	25.40	19.30	30.00	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Outer_Full	24.08	17.98	30.00	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Inner_1RB_Left	23.57	17.47	30.00	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Inner_1RB_Right	23.94	17.84	30.00	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Outer_Full	23.57	17.47	30.00	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Inner_1RB_Left	21.33	15.23	30.00	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Inner_1RB_Right	21.66	15.56	30.00	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Outer_Full	21.53	15.43	30.00	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Inner_1RB_Left	25.96	19.86	30.00	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Inner_1RB_Right	26.08	19.98	30.00	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Outer_Full	25.65	19.55	30.00	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Inner_1RB_Left	25.99	19.89	30.00	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Inner_1RB_Right	26.04	19.94	30.00	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Outer_Full	25.24	19.14	30.00	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Inner_1RB_Left	25.09	18.99	30.00	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Inner_1RB_Right	25.19	19.09	30.00	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Outer_Full	24.26	18.16	30.00	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Inner_1RB_Left	23.58	17.48	30.00	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Inner_1RB_Right	23.69	17.59	30.00	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Outer_Full	23.69	17.59	30.00	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Inner_1RB_Left	21.44	15.34	30.00	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Inner_1RB_Right	21.58	15.48	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-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

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



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 12 of 307

N77-3700-3980	30	80	DFT-256QAM	L	Outer_Full	21.66	15.56	30.00	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Inner_1RB_Left	25.87	19.77	30.00	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Inner_1RB_Right	25.61	19.51	30.00	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Outer_Full	25.51	19.41	30.00	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Inner_1RB_Left	25.91	19.81	30.00	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Inner_1RB_Right	25.67	19.57	30.00	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	25.00	18.90	30.00	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Inner_1RB_Left	25.04	18.94	30.00	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Inner_1RB_Right	24.82	18.72	30.00	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	24.05	17.95	30.00	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Inner_1RB_Left	23.52	17.42	30.00	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Inner_1RB_Right	23.36	17.26	30.00	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	23.62	17.52	30.00	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Inner_1RB_Left	21.39	15.29	30.00	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Inner_1RB_Right	21.08	14.98	30.00	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	21.54	15.44	30.00	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Inner_1RB_Left	25.78	19.68	30.00	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Inner_1RB_Right	26.21	20.11	30.00	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Outer_Full	25.56	19.46	30.00	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Inner_1RB_Left	25.78	19.68	30.00	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Inner_1RB_Right	26.22	20.12	30.00	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Outer_Full	25.01	18.91	30.00	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Inner_1RB_Left	24.96	18.86	30.00	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Inner_1RB_Right	25.38	19.28	30.00	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Outer_Full	24.03	17.93	30.00	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Inner_1RB_Left	23.40	17.30	30.00	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Inner_1RB_Right	23.89	17.79	30.00	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Outer_Full	23.53	17.43	30.00	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Inner_1RB_Left	21.24	15.14	30.00	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Inner_1RB_Right	21.64	15.54	30.00	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Outer_Full	21.56	15.46	30.00	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Inner_1RB_Left	25.96	19.86	30.00	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Inner_1RB_Right	26.21	20.11	30.00	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Outer_Full	25.64	19.54	30.00	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Inner_1RB_Left	25.97	19.87	30.00	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Inner_1RB_Right	26.20	20.10	30.00	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Outer_Full	25.20	19.10	30.00	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Inner_1RB_Left	25.11	19.01	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.: SEWM2304000122RG02

Rev.: 01

Page: 13 of 307

N77-3700-3980	30	90	DFT-16QAM	L	Inner_1RB_Right	25.38	19.28	30.00	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Outer_Full	24.19	18.09	30.00	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Inner_1RB_Left	23.62	17.52	30.00	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Inner_1RB_Right	23.83	17.73	30.00	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Outer_Full	23.71	17.61	30.00	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Inner_1RB_Left	21.36	15.26	30.00	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Inner_1RB_Right	21.65	15.55	30.00	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Outer_Full	21.63	15.53	30.00	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Inner_1RB_Left	25.79	19.69	30.00	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Inner_1RB_Right	25.73	19.63	30.00	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	25.46	19.36	30.00	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Inner_1RB_Left	25.86	19.76	30.00	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Inner_1RB_Right	25.82	19.72	30.00	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	25.04	18.94	30.00	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Inner_1RB_Left	25.00	18.90	30.00	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Inner_1RB_Right	24.95	18.85	30.00	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	24.07	17.97	30.00	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Inner_1RB_Left	23.39	17.29	30.00	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Inner_1RB_Right	23.36	17.26	30.00	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Outer_Full	23.43	17.33	30.00	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Inner_1RB_Left	21.33	15.23	30.00	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Inner_1RB_Right	21.18	15.08	30.00	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Outer_Full	21.43	15.33	30.00	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Inner_1RB_Left	25.55	19.45	30.00	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Inner_1RB_Right	26.28	20.18	30.00	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Outer_Full	25.53	19.43	30.00	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Inner_1RB_Left	25.49	19.39	30.00	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Inner_1RB_Right	26.23	20.13	30.00	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Outer_Full	25.01	18.91	30.00	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Inner_1RB_Left	24.71	18.61	30.00	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Inner_1RB_Right	25.41	19.31	30.00	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Outer_Full	24.04	17.94	30.00	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Inner_1RB_Left	23.14	17.04	30.00	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Inner_1RB_Right	23.93	17.83	30.00	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Outer_Full	23.52	17.42	30.00	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Inner_1RB_Left	20.92	14.82	30.00	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Inner_1RB_Right	21.73	15.63	30.00	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Outer_Full	21.46	15.36	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.cn
t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 14 of 307

N77-3700-3980	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	25.90	19.80	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	26.39	20.29	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Outer_Full	25.69	19.59	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Left	25.93	19.83	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Right	26.34	20.24	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	25.16	19.06	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Left	25.06	18.96	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Right	25.52	19.42	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Outer_Full	24.19	18.09	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Left	23.55	17.45	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Right	23.99	17.89	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Outer_Full	23.65	17.55	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Left	21.33	15.23	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Right	21.84	15.74	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	21.58	15.48	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	25.70	19.60	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	25.93	19.83	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	25.55	19.45	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Left	25.66	19.56	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Right	25.99	19.89	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	25.05	18.95	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Left	24.84	18.74	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Right	25.17	19.07	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	24.01	17.91	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Left	23.33	17.23	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Right	23.46	17.36	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	23.53	17.43	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Left	21.08	14.98	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Right	21.37	15.27	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	21.51	15.41	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	25.27	19.17	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	26.32	20.22	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	25.58	19.48	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Left	25.25	19.15	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Right	26.26	20.16	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	25.04	18.94	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Left	24.39	18.29	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Right	25.55	19.45	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.cn
t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 15 of 307

N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	24.06	17.96	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Left	22.86	16.76	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Right	23.85	17.75	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	23.62	17.52	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Left	20.70	14.60	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Right	21.72	15.62	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	21.59	15.49	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-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号厂房南部 邮编: 215000

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

Report No.: SEWM2304000122RG02

Rev.: 01

Page: 16 of 307

Test Result for MIMO

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant1	Power Ant2	Total Power	EIRP	Verdict
N77-3700-3980	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	26.89	25.63	29.32	23.22	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	26.88	25.42	29.22	23.12	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Outer_Full	24.9	24.04	27.5	21.4	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Inner_1RB_Left	26.89	25.75	29.37	23.27	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Inner_1RB_Right	26.8	25.65	29.27	23.17	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Outer_Full	24.85	23.63	27.29	21.19	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Inner_1RB_Left	26.28	24.51	28.49	22.39	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Inner_1RB_Right	25.98	24.91	28.49	22.39	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Outer_Full	23.96	22.61	26.35	20.25	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Inner_1RB_Left	25.58	24.47	28.07	21.97	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Inner_1RB_Right	25.36	24.25	27.85	21.75	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Outer_Full	23.85	22.6	26.28	20.18	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Inner_1RB_Left	23.82	22.7	26.31	20.21	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Inner_1RB_Right	23.88	22.6	26.3	20.2	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Outer_Full	23.36	21.87	25.69	19.59	PASS
N77-3700-3980	30	10	CP-QPSK	L	Inner_1RB_Left	25.03	23.78	27.46	21.36	PASS
N77-3700-3980	30	10	CP-QPSK	L	Inner_1RB_Right	25	23.67	27.4	21.3	PASS
N77-3700-3980	30	10	CP-QPSK	L	Outer_Full	22.62	21.28	25.01	18.91	PASS
N77-3700-3980	30	10	CP-16QAM	L	Inner_1RB_Left	24.75	23.44	27.15	21.05	PASS
N77-3700-3980	30	10	CP-16QAM	L	Inner_1RB_Right	24.69	23.26	27.04	20.94	PASS
N77-3700-3980	30	10	CP-16QAM	L	Outer_Full	22.62	21.28	25.01	18.91	PASS
N77-3700-3980	30	10	CP-64QAM	L	Inner_1RB_Left	22.58	21.46	25.07	18.97	PASS
N77-3700-3980	30	10	CP-64QAM	L	Inner_1RB_Right	22.67	21.39	25.09	18.99	PASS
N77-3700-3980	30	10	CP-64QAM	L	Outer_Full	22.12	20.86	24.55	18.45	PASS
N77-3700-3980	30	10	CP-256QAM	L	Inner_1RB_Left	18.98	18.02	21.54	15.44	PASS
N77-3700-3980	30	10	CP-256QAM	L	Inner_1RB_Right	19.11	17.9	21.56	15.46	PASS
N77-3700-3980	30	10	CP-256QAM	L	Outer_Full	19.14	17.95	21.6	15.5	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	26.98	25.69	29.39	23.29	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	26.96	25.5	29.3	23.2	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	24.76	23.9	27.36	21.26	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Inner_1RB_Left	26.9	25.62	29.32	23.22	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Inner_1RB_Right	26.8	25.65	29.27	23.17	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.: SEWM2304000122RG02

Rev.: 01

Page: 17 of 307

N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	24.77	23.55	27.21	21.11	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Inner_1RB_Left	26.09	24.32	28.3	22.2	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Inner_1RB_Right	26.01	24.94	28.52	22.42	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	23.98	22.63	26.37	20.27	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Inner_1RB_Left	25.57	24.46	28.06	21.96	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Inner_1RB_Right	25.36	24.25	27.85	21.75	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	23.88	22.63	26.31	20.21	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Inner_1RB_Left	23.8	22.68	26.29	20.19	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Inner_1RB_Right	23.88	22.6	26.3	20.2	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	23.34	21.85	25.67	19.57	PASS
N77-3700-3980	30	10	CP-QPSK	M	Inner_1RB_Left	24.92	23.6	27.32	21.22	PASS
N77-3700-3980	30	10	CP-QPSK	M	Inner_1RB_Right	24.82	23.41	27.18	21.08	PASS
N77-3700-3980	30	10	CP-QPSK	M	Outer_Full	22.6	21.11	24.93	18.83	PASS
N77-3700-3980	30	10	CP-16QAM	M	Inner_1RB_Left	24.62	23.45	27.08	20.98	PASS
N77-3700-3980	30	10	CP-16QAM	M	Inner_1RB_Right	24.38	23.01	26.76	20.66	PASS
N77-3700-3980	30	10	CP-16QAM	M	Outer_Full	22.61	21.29	25.01	18.91	PASS
N77-3700-3980	30	10	CP-64QAM	M	Inner_1RB_Left	22.61	21.66	25.17	19.07	PASS
N77-3700-3980	30	10	CP-64QAM	M	Inner_1RB_Right	22.74	21.45	25.15	19.05	PASS
N77-3700-3980	30	10	CP-64QAM	M	Outer_Full	22.02	20.89	24.5	18.4	PASS
N77-3700-3980	30	10	CP-256QAM	M	Inner_1RB_Left	19.31	17.87	21.66	15.56	PASS
N77-3700-3980	30	10	CP-256QAM	M	Inner_1RB_Right	18.8	17.92	21.39	15.29	PASS
N77-3700-3980	30	10	CP-256QAM	M	Outer_Full	19.08	17.91	21.54	15.44	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	26.68	25.59	29.18	23.08	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Inner_1RB_Right	26.92	25.46	29.26	23.16	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Outer_Full	24.98	24.12	27.58	21.48	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Inner_1RB_Left	26.89	25.61	29.31	23.21	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Inner_1RB_Right	26.91	25.76	29.38	23.28	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	24.8	23.58	27.24	21.14	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Inner_1RB_Left	26.24	24.47	28.45	22.35	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Inner_1RB_Right	26.09	25.02	28.6	22.5	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Outer_Full	23.89	22.54	26.28	20.18	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Inner_1RB_Left	25.56	24.45	28.05	21.95	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Inner_1RB_Right	25.37	24.26	27.86	21.76	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Outer_Full	23.87	22.62	26.3	20.2	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Inner_1RB_Left	23.66	22.54	26.15	20.05	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Inner_1RB_Right	23.73	22.45	26.15	20.05	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Outer_Full	23.37	21.88	25.7	19.6	PASS
N77-3700-3980	30	10	CP-QPSK	H	Inner_1RB_Left	25.09	23.19	27.25	21.15	PASS



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

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

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

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

Report No.: SEWM2304000122RG02

Rev.: 01

Page: 18 of 307

N77-3700-3980	30	10	CP-QPSK	H	Inner_1RB_Right	25.29	23.79	27.61	21.51	PASS
N77-3700-3980	30	10	CP-QPSK	H	Outer_Full	22.78	21	24.99	18.89	PASS
N77-3700-3980	30	10	CP-16QAM	H	Inner_1RB_Left	24.48	22.77	26.72	20.62	PASS
N77-3700-3980	30	10	CP-16QAM	H	Inner_1RB_Right	24.87	23.42	27.22	21.12	PASS
N77-3700-3980	30	10	CP-16QAM	H	Outer_Full	22.84	21.11	25.07	18.97	PASS
N77-3700-3980	30	10	CP-64QAM	H	Inner_1RB_Left	22.78	21	24.99	18.89	PASS
N77-3700-3980	30	10	CP-64QAM	H	Inner_1RB_Right	22.83	21.43	25.2	19.1	PASS
N77-3700-3980	30	10	CP-64QAM	H	Outer_Full	22.35	20.68	24.61	18.51	PASS
N77-3700-3980	30	10	CP-256QAM	H	Inner_1RB_Left	19.17	17.56	21.45	15.35	PASS
N77-3700-3980	30	10	CP-256QAM	H	Inner_1RB_Right	19.25	17.69	21.55	15.45	PASS
N77-3700-3980	30	10	CP-256QAM	H	Outer_Full	19.4	17.71	21.65	15.55	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Inner_1RB_Left	26.89	25.63	29.32	23.22	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Inner_1RB_Right	26.94	25.48	29.28	23.18	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Outer_Full	24.82	23.96	27.42	21.32	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Inner_1RB_Left	26.82	25.54	29.24	23.14	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Inner_1RB_Right	26.73	25.58	29.2	23.1	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	24.72	23.5	27.16	21.06	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Inner_1RB_Left	26.28	24.51	28.49	22.39	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Inner_1RB_Right	26.17	25.1	28.68	22.58	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Outer_Full	23.86	22.51	26.25	20.15	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Inner_1RB_Left	25.54	24.43	28.03	21.93	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Inner_1RB_Right	25.48	24.37	27.97	21.87	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Outer_Full	23.75	22.5	26.18	20.08	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Inner_1RB_Left	23.82	22.7	26.31	20.21	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Inner_1RB_Right	23.9	22.62	26.32	20.22	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Outer_Full	23.45	21.96	25.78	19.68	PASS
N77-3700-3980	30	15	CP-QPSK	L	Inner_1RB_Left	25.05	24.04	27.58	21.48	PASS
N77-3700-3980	30	15	CP-QPSK	L	Inner_1RB_Right	25.03	23.76	27.45	21.35	PASS
N77-3700-3980	30	15	CP-QPSK	L	Outer_Full	22.6	21.43	25.06	18.96	PASS
N77-3700-3980	30	15	CP-16QAM	L	Inner_1RB_Left	24.54	23.36	27	20.9	PASS
N77-3700-3980	30	15	CP-16QAM	L	Inner_1RB_Right	25.08	23.48	27.36	21.26	PASS
N77-3700-3980	30	15	CP-16QAM	L	Outer_Full	22.73	21.46	25.15	19.05	PASS
N77-3700-3980	30	15	CP-64QAM	L	Inner_1RB_Left	22.74	21.56	25.2	19.1	PASS
N77-3700-3980	30	15	CP-64QAM	L	Inner_1RB_Right	22.75	21.58	25.21	19.11	PASS
N77-3700-3980	30	15	CP-64QAM	L	Outer_Full	22.18	20.97	24.63	18.53	PASS
N77-3700-3980	30	15	CP-256QAM	L	Inner_1RB_Left	19	17.93	21.51	15.41	PASS
N77-3700-3980	30	15	CP-256QAM	L	Inner_1RB_Right	19.48	17.86	21.76	15.66	PASS
N77-3700-3980	30	15	CP-256QAM	L	Outer_Full	19.23	18	21.67	15.57	PASS



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

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

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

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



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 19 of 307

N77-3700-3980	30	15	DFT-PI2BPSK	M	Inner_1RB_Left	26.98	25.69	29.39	23.29	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Inner_1RB_Right	26.89	25.43	29.23	23.13	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	24.83	23.97	27.43	21.33	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Inner_1RB_Left	27	25.72	29.42	23.32	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Inner_1RB_Right	26.88	25.73	29.35	23.25	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	24.87	23.65	27.31	21.21	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Inner_1RB_Left	26.25	24.48	28.46	22.36	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Inner_1RB_Right	26.07	25	28.58	22.48	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	23.81	22.46	26.2	20.1	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Inner_1RB_Left	25.59	24.48	28.08	21.98	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Inner_1RB_Right	25.43	24.32	27.92	21.82	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	23.84	22.59	26.27	20.17	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Inner_1RB_Left	23.87	22.75	26.36	20.26	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Inner_1RB_Right	23.89	22.61	26.31	20.21	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	23.4	21.91	25.73	19.63	PASS
N77-3700-3980	30	15	CP-QPSK	M	Inner_1RB_Left	25.21	24.12	27.71	21.61	PASS
N77-3700-3980	30	15	CP-QPSK	M	Inner_1RB_Right	24.89	23.76	27.37	21.27	PASS
N77-3700-3980	30	15	CP-QPSK	M	Outer_Full	22.65	21.57	25.15	19.05	PASS
N77-3700-3980	30	15	CP-16QAM	M	Inner_1RB_Left	24.79	23.79	27.33	21.23	PASS
N77-3700-3980	30	15	CP-16QAM	M	Inner_1RB_Right	24.9	23.48	27.26	21.16	PASS
N77-3700-3980	30	15	CP-16QAM	M	Outer_Full	22.73	21.53	25.18	19.08	PASS
N77-3700-3980	30	15	CP-64QAM	M	Inner_1RB_Left	22.94	21.93	25.47	19.37	PASS
N77-3700-3980	30	15	CP-64QAM	M	Inner_1RB_Right	22.66	21.38	25.08	18.98	PASS
N77-3700-3980	30	15	CP-64QAM	M	Outer_Full	22.16	21.1	24.67	18.57	PASS
N77-3700-3980	30	15	CP-256QAM	M	Inner_1RB_Left	19.07	18.1	21.62	15.52	PASS
N77-3700-3980	30	15	CP-256QAM	M	Inner_1RB_Right	19.29	17.68	21.57	15.47	PASS
N77-3700-3980	30	15	CP-256QAM	M	Outer_Full	19.25	18.14	21.74	15.64	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Inner_1RB_Left	26.73	25.55	29.19	23.45	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Inner_1RB_Right	26.78	25.32	29.12	23.02	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Outer_Full	24.85	23.99	27.45	21.35	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Inner_1RB_Left	26.87	25.59	29.29	23.19	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Inner_1RB_Right	26.79	25.64	29.26	23.16	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	24.88	23.66	27.32	21.22	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Inner_1RB_Left	26.23	24.46	28.44	22.34	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Inner_1RB_Right	25.97	24.9	28.48	22.38	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Outer_Full	23.92	22.57	26.31	20.21	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Inner_1RB_Left	25.43	24.32	27.92	21.82	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Inner_1RB_Right	25.46	24.35	27.95	21.85	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.: SEWM2304000122RG02

Rev.: 01

Page: 20 of 307

N77-3700-3980	30	15	DFT-64QAM	H	Outer_Full	23.82	22.57	26.25	20.15	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Inner_1RB_Left	23.81	22.69	26.3	20.2	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Inner_1RB_Right	23.78	22.5	26.2	20.1	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Outer_Full	23.38	21.89	25.71	19.61	PASS
N77-3700-3980	30	15	CP-QPSK	H	Inner_1RB_Left	25.06	23.1	27.2	21.1	PASS
N77-3700-3980	30	15	CP-QPSK	H	Inner_1RB_Right	25.2	23.72	27.53	21.43	PASS
N77-3700-3980	30	15	CP-QPSK	H	Outer_Full	22.82	20.94	24.99	18.89	PASS
N77-3700-3980	30	15	CP-16QAM	H	Inner_1RB_Left	24.53	22.68	26.71	20.61	PASS
N77-3700-3980	30	15	CP-16QAM	H	Inner_1RB_Right	24.72	23.15	27.02	20.92	PASS
N77-3700-3980	30	15	CP-16QAM	H	Outer_Full	22.76	21.01	24.98	18.88	PASS
N77-3700-3980	30	15	CP-64QAM	H	Inner_1RB_Left	22.86	20.93	25.01	18.91	PASS
N77-3700-3980	30	15	CP-64QAM	H	Inner_1RB_Right	22.89	21.55	25.28	19.18	PASS
N77-3700-3980	30	15	CP-64QAM	H	Outer_Full	22.23	20.53	24.47	18.37	PASS
N77-3700-3980	30	15	CP-256QAM	H	Inner_1RB_Left	19.01	17.62	21.38	15.28	PASS
N77-3700-3980	30	15	CP-256QAM	H	Inner_1RB_Right	19.44	17.83	21.72	15.62	PASS
N77-3700-3980	30	15	CP-256QAM	H	Outer_Full	19.3	17.6	21.54	15.44	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	26.82	25.65	29.28	23.18	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	26.84	25.38	29.18	23.08	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Outer_Full	24.9	24.04	27.5	21.4	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Inner_1RB_Left	26.86	25.58	29.28	23.18	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Inner_1RB_Right	26.76	25.61	29.23	23.13	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	24.87	23.65	27.31	21.21	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Inner_1RB_Left	26.28	24.51	28.49	22.39	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Inner_1RB_Right	26.12	25.05	28.63	22.53	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Outer_Full	23.99	22.64	26.38	20.28	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Inner_1RB_Left	25.64	24.53	28.13	22.03	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Inner_1RB_Right	25.39	24.28	27.88	21.78	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Outer_Full	23.83	22.58	26.26	20.16	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Inner_1RB_Left	23.77	22.65	26.26	20.16	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Inner_1RB_Right	23.9	22.62	26.32	20.22	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Outer_Full	23.38	21.89	25.71	19.61	PASS
N77-3700-3980	30	20	CP-QPSK	L	Inner_1RB_Left	25.04	23.98	27.55	21.45	PASS
N77-3700-3980	30	20	CP-QPSK	L	Inner_1RB_Right	24.96	23.92	27.48	21.38	PASS
N77-3700-3980	30	20	CP-QPSK	L	Outer_Full	22.62	21.36	25.05	18.95	PASS
N77-3700-3980	30	20	CP-16QAM	L	Inner_1RB_Left	24.55	23.39	27.02	20.92	PASS
N77-3700-3980	30	20	CP-16QAM	L	Inner_1RB_Right	24.67	23.5	27.13	21.03	PASS
N77-3700-3980	30	20	CP-16QAM	L	Outer_Full	22.7	21.39	25.1	19	PASS
N77-3700-3980	30	20	CP-64QAM	L	Inner_1RB_Left	22.68	21.56	25.17	19.07	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.: SEWM2304000122RG02

Rev.: 01

Page: 21 of 307

N77-3700-3980	30	20	CP-64QAM	L	Inner_1RB_Right	22.84	21.63	25.29	19.19	PASS
N77-3700-3980	30	20	CP-64QAM	L	Outer_Full	22.15	20.91	24.58	18.48	PASS
N77-3700-3980	30	20	CP-256QAM	L	Inner_1RB_Left	19.28	18.23	21.8	15.7	PASS
N77-3700-3980	30	20	CP-256QAM	L	Inner_1RB_Right	19.09	18.28	21.71	15.61	PASS
N77-3700-3980	30	20	CP-256QAM	L	Outer_Full	19.19	17.96	21.63	15.53	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	26.69	25.61	29.19	23.09	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	26.86	25.4	29.2	23.1	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	24.95	24.09	27.55	21.45	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Inner_1RB_Left	26.97	25.69	29.39	23.29	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Inner_1RB_Right	26.8	25.65	29.27	23.17	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	24.72	23.5	27.16	21.06	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Inner_1RB_Left	26.2	24.43	28.41	22.31	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Inner_1RB_Right	26	24.93	28.51	22.41	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	23.89	22.54	26.28	20.18	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Inner_1RB_Left	25.6	24.49	28.09	21.99	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Inner_1RB_Right	25.43	24.32	27.92	21.82	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	23.67	22.42	26.1	20	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Inner_1RB_Left	23.86	22.74	26.35	20.25	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Inner_1RB_Right	23.75	22.47	26.17	20.07	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	23.44	21.95	25.77	19.67	PASS
N77-3700-3980	30	20	CP-QPSK	M	Inner_1RB_Left	25.35	24.03	27.75	21.65	PASS
N77-3700-3980	30	20	CP-QPSK	M	Inner_1RB_Right	25.05	23.6	27.4	21.3	PASS
N77-3700-3980	30	20	CP-QPSK	M	Outer_Full	22.73	21.38	25.12	19.02	PASS
N77-3700-3980	30	20	CP-16QAM	M	Inner_1RB_Left	24.8	23.48	27.2	21.1	PASS
N77-3700-3980	30	20	CP-16QAM	M	Inner_1RB_Right	24.68	23.27	27.04	20.94	PASS
N77-3700-3980	30	20	CP-16QAM	M	Outer_Full	22.72	21.49	25.16	19.06	PASS
N77-3700-3980	30	20	CP-64QAM	M	Inner_1RB_Left	22.98	21.77	25.43	19.33	PASS
N77-3700-3980	30	20	CP-64QAM	M	Inner_1RB_Right	22.68	21.46	25.12	19.02	PASS
N77-3700-3980	30	20	CP-64QAM	M	Outer_Full	22.2	21.02	24.66	18.56	PASS
N77-3700-3980	30	20	CP-256QAM	M	Inner_1RB_Left	19.66	18.26	22.03	15.93	PASS
N77-3700-3980	30	20	CP-256QAM	M	Inner_1RB_Right	19.05	17.81	21.48	15.38	PASS
N77-3700-3980	30	20	CP-256QAM	M	Outer_Full	19.25	18.11	21.73	15.63	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	26.97	25.68	29.38	23.28	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	26.83	25.37	29.17	23.07	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Outer_Full	24.91	24.05	27.51	21.41	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Inner_1RB_Left	27.03	25.75	29.45	23.35	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Inner_1RB_Right	26.81	25.66	29.28	23.18	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	24.67	23.45	27.11	21.01	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.: SEWM2304000122RG02

Rev.: 01

Page: 22 of 307

N77-3700-3980	30	20	DFT-16QAM	H	Inner_1RB_Left	26.3	24.53	28.51	22.41	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Inner_1RB_Right	26.1	25.03	28.61	22.51	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Outer_Full	23.94	22.59	26.33	20.23	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Inner_1RB_Left	25.55	24.44	28.04	21.94	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Inner_1RB_Right	25.47	24.36	27.96	21.86	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Outer_Full	23.78	22.53	26.21	20.11	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Inner_1RB_Left	23.76	22.64	26.25	20.15	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Inner_1RB_Right	23.73	22.45	26.15	20.05	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Outer_Full	23.52	22.03	25.85	19.75	PASS
N77-3700-3980	30	20	CP-QPSK	H	Inner_1RB_Left	24.97	23.24	27.2	21.1	PASS
N77-3700-3980	30	20	CP-QPSK	H	Inner_1RB_Right	25.28	23.75	27.59	21.49	PASS
N77-3700-3980	30	20	CP-QPSK	H	Outer_Full	22.7	20.89	24.9	18.8	PASS
N77-3700-3980	30	20	CP-16QAM	H	Inner_1RB_Left	24.43	22.8	26.7	20.6	PASS
N77-3700-3980	30	20	CP-16QAM	H	Inner_1RB_Right	24.96	23.48	27.29	21.19	PASS
N77-3700-3980	30	20	CP-16QAM	H	Outer_Full	22.75	21	24.97	18.87	PASS
N77-3700-3980	30	20	CP-64QAM	H	Inner_1RB_Left	22.75	21.13	25.03	18.93	PASS
N77-3700-3980	30	20	CP-64QAM	H	Inner_1RB_Right	22.98	21.61	25.36	19.26	PASS
N77-3700-3980	30	20	CP-64QAM	H	Outer_Full	22.25	20.53	24.48	18.38	PASS
N77-3700-3980	30	20	CP-256QAM	H	Inner_1RB_Left	19.15	17.74	21.51	15.41	PASS
N77-3700-3980	30	20	CP-256QAM	H	Inner_1RB_Right	19.32	18.13	21.78	15.68	PASS
N77-3700-3980	30	20	CP-256QAM	H	Outer_Full	19.22	17.56	21.48	15.38	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	L	Inner_1RB_Left	26.99	25.7	29.4	23.3	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	L	Inner_1RB_Right	26.96	25.5	29.3	23.2	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	L	Outer_Full	24.96	24.1	27.56	21.46	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Inner_1RB_Left	26.82	25.54	29.24	23.14	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Inner_1RB_Right	26.73	25.58	29.2	23.1	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Outer_Full	24.87	23.65	27.31	21.21	PASS
N77-3700-3980	30	30	DFT-16QAM	L	Inner_1RB_Left	26.25	24.48	28.46	22.36	PASS
N77-3700-3980	30	30	DFT-16QAM	L	Inner_1RB_Right	26.01	24.94	28.52	22.42	PASS
N77-3700-3980	30	30	DFT-16QAM	L	Outer_Full	23.95	22.6	26.34	20.24	PASS
N77-3700-3980	30	30	DFT-64QAM	L	Inner_1RB_Left	25.58	24.47	28.07	21.97	PASS
N77-3700-3980	30	30	DFT-64QAM	L	Inner_1RB_Right	25.47	24.36	27.96	21.86	PASS
N77-3700-3980	30	30	DFT-64QAM	L	Outer_Full	23.75	22.5	26.18	20.08	PASS
N77-3700-3980	30	30	DFT-256QAM	L	Inner_1RB_Left	23.86	22.74	26.35	20.25	PASS
N77-3700-3980	30	30	DFT-256QAM	L	Inner_1RB_Right	23.79	22.51	26.21	20.11	PASS
N77-3700-3980	30	30	DFT-256QAM	L	Outer_Full	23.48	21.99	25.81	19.71	PASS
N77-3700-3980	30	30	CP-QPSK	L	Inner_1RB_Left	25	23.92	27.5	21.4	PASS
N77-3700-3980	30	30	CP-QPSK	L	Inner_1RB_Right	25.13	23.76	27.51	21.41	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.: SEWM2304000122RG02

Rev.: 01

Page: 23 of 307

N77-3700-3980	30	30	CP-QPSK	L	Outer_Full	22.74	21.47	25.16	19.06	PASS
N77-3700-3980	30	30	CP-16QAM	L	Inner_1RB_Left	24.6	23.43	27.06	20.96	PASS
N77-3700-3980	30	30	CP-16QAM	L	Inner_1RB_Right	25	23.85	27.47	21.37	PASS
N77-3700-3980	30	30	CP-16QAM	L	Outer_Full	22.79	21.58	25.24	19.14	PASS
N77-3700-3980	30	30	CP-64QAM	L	Inner_1RB_Left	22.79	21.65	25.27	19.17	PASS
N77-3700-3980	30	30	CP-64QAM	L	Inner_1RB_Right	22.84	21.5	25.23	19.13	PASS
N77-3700-3980	30	30	CP-64QAM	L	Outer_Full	22.2	21.08	24.69	18.59	PASS
N77-3700-3980	30	30	CP-256QAM	L	Inner_1RB_Left	19.2	17.89	21.6	15.5	PASS
N77-3700-3980	30	30	CP-256QAM	L	Inner_1RB_Right	19.32	18.15	21.78	15.68	PASS
N77-3700-3980	30	30	CP-256QAM	L	Outer_Full	19.22	18.15	21.73	15.63	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	M	Inner_1RB_Left	27.05	25.76	29.46	23.36	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	M	Inner_1RB_Right	26.83	25.37	29.17	23.07	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	M	Outer_Full	24.8	23.94	27.4	21.3	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Inner_1RB_Left	27.02	25.74	29.44	23.34	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Inner_1RB_Right	26.81	25.66	29.28	23.18	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	24.76	23.54	27.2	21.1	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Inner_1RB_Left	26.17	24.4	28.38	22.28	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Inner_1RB_Right	26.08	25.01	28.59	22.49	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Outer_Full	23.8	22.45	26.19	20.09	PASS
N77-3700-3980	30	30	DFT-64QAM	M	Inner_1RB_Left	25.46	24.35	27.95	21.85	PASS
N77-3700-3980	30	30	DFT-64QAM	M	Inner_1RB_Right	25.53	24.42	28.02	21.92	PASS
N77-3700-3980	30	30	DFT-64QAM	M	Outer_Full	23.89	22.64	26.32	20.22	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Inner_1RB_Left	23.68	22.56	26.17	20.07	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Inner_1RB_Right	23.9	22.62	26.32	20.22	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Outer_Full	23.43	21.94	25.76	19.66	PASS
N77-3700-3980	30	30	CP-QPSK	M	Inner_1RB_Left	25.5	24.06	27.85	21.75	PASS
N77-3700-3980	30	30	CP-QPSK	M	Inner_1RB_Right	24.99	23.72	27.41	21.31	PASS
N77-3700-3980	30	30	CP-QPSK	M	Outer_Full	22.74	21.39	25.13	19.03	PASS
N77-3700-3980	30	30	CP-16QAM	M	Inner_1RB_Left	25.09	23.72	27.47	21.37	PASS
N77-3700-3980	30	30	CP-16QAM	M	Inner_1RB_Right	24.97	23.69	27.39	21.29	PASS
N77-3700-3980	30	30	CP-16QAM	M	Outer_Full	22.8	21.53	25.22	19.12	PASS
N77-3700-3980	30	30	CP-64QAM	M	Inner_1RB_Left	23.08	21.74	25.47	19.37	PASS
N77-3700-3980	30	30	CP-64QAM	M	Inner_1RB_Right	22.64	21.4	25.07	18.97	PASS
N77-3700-3980	30	30	CP-64QAM	M	Outer_Full	22.29	21.08	24.74	18.64	PASS
N77-3700-3980	30	30	CP-256QAM	M	Inner_1RB_Left	19.44	18.06	21.81	15.71	PASS
N77-3700-3980	30	30	CP-256QAM	M	Inner_1RB_Right	18.89	17.99	21.47	15.37	PASS
N77-3700-3980	30	30	CP-256QAM	M	Outer_Full	19.32	18.12	21.77	15.67	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	H	Inner_1RB_Left	26.67	25.58	29.17	23.07	PASS



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

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

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

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



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 24 of 307

N77-3700-3980	30	30	DFT-PI2BPSK	H	Inner_1RB_Right	26.96	25.5	29.3	23.2	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	H	Outer_Full	24.83	23.97	27.43	21.33	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Inner_1RB_Left	27.02	25.74	29.44	23.34	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Inner_1RB_Right	26.79	25.64	29.26	23.16	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Outer_Full	24.76	23.54	27.2	21.1	PASS
N77-3700-3980	30	30	DFT-16QAM	H	Inner_1RB_Left	26.11	24.34	28.32	22.22	PASS
N77-3700-3980	30	30	DFT-16QAM	H	Inner_1RB_Right	25.99	24.92	28.5	22.4	PASS
N77-3700-3980	30	30	DFT-16QAM	H	Outer_Full	23.86	22.51	26.25	20.15	PASS
N77-3700-3980	30	30	DFT-64QAM	H	Inner_1RB_Left	25.55	24.44	28.04	21.94	PASS
N77-3700-3980	30	30	DFT-64QAM	H	Inner_1RB_Right	25.36	24.25	27.85	21.75	PASS
N77-3700-3980	30	30	DFT-64QAM	H	Outer_Full	23.86	22.61	26.29	20.19	PASS
N77-3700-3980	30	30	DFT-256QAM	H	Inner_1RB_Left	23.87	22.75	26.36	20.26	PASS
N77-3700-3980	30	30	DFT-256QAM	H	Inner_1RB_Right	23.79	22.51	26.21	20.11	PASS
N77-3700-3980	30	30	DFT-256QAM	H	Outer_Full	23.54	22.05	25.87	19.77	PASS
N77-3700-3980	30	30	CP-QPSK	H	Inner_1RB_Left	24.88	23.69	27.34	21.24	PASS
N77-3700-3980	30	30	CP-QPSK	H	Inner_1RB_Right	25.18	23.71	27.52	21.42	PASS
N77-3700-3980	30	30	CP-QPSK	H	Outer_Full	22.71	20.98	24.94	18.84	PASS
N77-3700-3980	30	30	CP-16QAM	H	Inner_1RB_Left	24.54	23.48	27.05	20.95	PASS
N77-3700-3980	30	30	CP-16QAM	H	Inner_1RB_Right	24.87	23.54	27.27	21.17	PASS
N77-3700-3980	30	30	CP-16QAM	H	Outer_Full	22.72	21.04	24.97	18.87	PASS
N77-3700-3980	30	30	CP-64QAM	H	Inner_1RB_Left	22.56	21.6	25.12	19.02	PASS
N77-3700-3980	30	30	CP-64QAM	H	Inner_1RB_Right	22.96	21.49	25.3	19.2	PASS
N77-3700-3980	30	30	CP-64QAM	H	Outer_Full	22.26	20.65	24.54	18.44	PASS
N77-3700-3980	30	30	CP-256QAM	H	Inner_1RB_Left	19.01	18.19	21.63	15.53	PASS
N77-3700-3980	30	30	CP-256QAM	H	Inner_1RB_Right	19.49	18.24	21.92	15.82	PASS
N77-3700-3980	30	30	CP-256QAM	H	Outer_Full	19.24	17.63	21.52	15.42	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	26.76	25.9	29.36	23.26	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	26.98	25.52	29.32	23.22	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Outer_Full	24.83	23.97	27.43	21.33	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Inner_1RB_Left	26.99	25.71	29.41	23.31	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Inner_1RB_Right	26.75	25.6	29.22	23.12	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	24.89	23.67	27.33	21.23	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Inner_1RB_Left	26.26	24.49	28.47	22.37	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Inner_1RB_Right	26	24.93	28.51	22.41	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Outer_Full	23.89	22.54	26.28	20.18	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Inner_1RB_Left	25.58	24.47	28.07	21.97	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Inner_1RB_Right	25.54	24.43	28.03	21.93	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Outer_Full	23.67	22.42	26.1	20	PASS



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

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

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

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



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 25 of 307

N77-3700-3980	30	40	DFT-256QAM	L	Inner_1RB_Left	23.84	22.72	26.33	20.23	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Inner_1RB_Right	23.84	22.56	26.26	20.16	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Outer_Full	23.5	22.01	25.83	19.73	PASS
N77-3700-3980	30	40	CP-QPSK	L	Inner_1RB_Left	25.37	24.16	27.82	21.72	PASS
N77-3700-3980	30	40	CP-QPSK	L	Inner_1RB_Right	25.33	23.89	27.68	21.58	PASS
N77-3700-3980	30	40	CP-QPSK	L	Outer_Full	22.74	21.53	25.19	19.09	PASS
N77-3700-3980	30	40	CP-16QAM	L	Inner_1RB_Left	24.77	23.74	27.3	21.2	PASS
N77-3700-3980	30	40	CP-16QAM	L	Inner_1RB_Right	24.95	23.51	27.3	21.2	PASS
N77-3700-3980	30	40	CP-16QAM	L	Outer_Full	22.8	21.53	25.22	19.12	PASS
N77-3700-3980	30	40	CP-64QAM	L	Inner_1RB_Left	22.79	21.77	25.32	19.22	PASS
N77-3700-3980	30	40	CP-64QAM	L	Inner_1RB_Right	23	21.59	25.36	19.26	PASS
N77-3700-3980	30	40	CP-64QAM	L	Outer_Full	22.27	21.05	24.71	18.61	PASS
N77-3700-3980	30	40	CP-256QAM	L	Inner_1RB_Left	19.1	18.23	21.7	15.6	PASS
N77-3700-3980	30	40	CP-256QAM	L	Inner_1RB_Right	19.23	18.11	21.72	15.62	PASS
N77-3700-3980	30	40	CP-256QAM	L	Outer_Full	19.29	18.1	21.75	15.65	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	26.87	25.69	29.33	23.23	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	26.78	25.32	29.12	23.02	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	24.85	23.99	27.45	21.35	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Inner_1RB_Left	26.91	25.63	29.33	23.23	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Inner_1RB_Right	26.72	25.57	29.19	23.09	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	24.87	23.65	27.31	21.21	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Inner_1RB_Left	26.26	24.49	28.47	22.37	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Inner_1RB_Right	26.11	25.04	28.62	22.52	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	23.94	22.59	26.33	20.23	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Inner_1RB_Left	25.63	24.52	28.12	22.02	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Inner_1RB_Right	25.45	24.34	27.94	21.84	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Outer_Full	23.68	22.43	26.11	20.01	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Inner_1RB_Left	23.78	22.66	26.27	20.17	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Inner_1RB_Right	23.73	22.45	26.15	20.05	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	23.55	22.06	25.88	19.78	PASS
N77-3700-3980	30	40	CP-QPSK	M	Inner_1RB_Left	25.59	24.06	27.9	21.8	PASS
N77-3700-3980	30	40	CP-QPSK	M	Inner_1RB_Right	25.21	23.82	27.58	21.48	PASS
N77-3700-3980	30	40	CP-QPSK	M	Outer_Full	22.82	21.38	25.17	19.07	PASS
N77-3700-3980	30	40	CP-16QAM	M	Inner_1RB_Left	25.18	23.75	27.53	21.43	PASS
N77-3700-3980	30	40	CP-16QAM	M	Inner_1RB_Right	24.9	23.83	27.41	21.31	PASS
N77-3700-3980	30	40	CP-16QAM	M	Outer_Full	22.86	21.52	25.25	19.15	PASS
N77-3700-3980	30	40	CP-64QAM	M	Inner_1RB_Left	23.1	21.82	25.52	19.42	PASS
N77-3700-3980	30	40	CP-64QAM	M	Inner_1RB_Right	22.78	21.72	25.29	19.19	PASS



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

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

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

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



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 26 of 307

N77-3700-3980	30	40	CP-64QAM	M	Outer_Full	22.38	21.14	24.81	18.71	PASS
N77-3700-3980	30	40	CP-256QAM	M	Inner_1RB_Left	19.7	18.54	22.17	16.07	PASS
N77-3700-3980	30	40	CP-256QAM	M	Inner_1RB_Right	19.25	18.29	21.81	15.71	PASS
N77-3700-3980	30	40	CP-256QAM	M	Outer_Full	19.37	18.1	21.79	15.69	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	26.71	25.53	29.17	23.07	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	26.89	25.43	29.23	23.13	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Outer_Full	24.93	24.07	27.53	21.43	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Inner_1RB_Left	26.96	25.68	29.38	23.28	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Inner_1RB_Right	26.72	25.57	29.19	23.09	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Outer_Full	24.77	23.55	27.21	21.11	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Inner_1RB_Left	26.3	24.53	28.51	22.41	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Inner_1RB_Right	26.16	25.09	28.67	22.57	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Outer_Full	23.89	22.54	26.28	20.18	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Inner_1RB_Left	25.64	24.53	28.13	22.03	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Inner_1RB_Right	25.46	24.35	27.95	21.85	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Outer_Full	23.71	22.46	26.14	20.04	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Inner_1RB_Left	23.84	22.72	26.33	20.23	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Inner_1RB_Right	23.86	22.58	26.28	20.18	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Outer_Full	23.55	22.06	25.88	19.78	PASS
N77-3700-3980	30	40	CP-QPSK	H	Inner_1RB_Left	26.68	25.57	29.17	23.07	PASS
N77-3700-3980	30	40	CP-QPSK	H	Inner_1RB_Right	26.89	25.43	29.23	23.13	PASS
N77-3700-3980	30	40	CP-QPSK	H	Outer_Full	22.82	21.18	25.09	18.99	PASS
N77-3700-3980	30	40	CP-16QAM	H	Inner_1RB_Left	24.49	22.98	26.81	20.71	PASS
N77-3700-3980	30	40	CP-16QAM	H	Inner_1RB_Right	24.94	23.51	27.29	21.19	PASS
N77-3700-3980	30	40	CP-16QAM	H	Outer_Full	22.69	21.23	25.03	18.93	PASS
N77-3700-3980	30	40	CP-64QAM	H	Inner_1RB_Left	22.57	21.18	24.94	18.84	PASS
N77-3700-3980	30	40	CP-64QAM	H	Inner_1RB_Right	23.01	21.71	25.42	19.32	PASS
N77-3700-3980	30	40	CP-64QAM	H	Outer_Full	22.22	20.8	24.58	18.48	PASS
N77-3700-3980	30	40	CP-256QAM	H	Inner_1RB_Left	19.32	18.06	21.75	15.65	PASS
N77-3700-3980	30	40	CP-256QAM	H	Inner_1RB_Right	19.29	18.01	21.71	15.61	PASS
N77-3700-3980	30	40	CP-256QAM	H	Outer_Full	19.25	17.82	21.6	15.5	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Inner_1RB_Left	26.83	25.67	29.30	23.20	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Inner_1RB_Right	26.78	25.32	29.12	23.02	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Outer_Full	24.82	23.96	27.42	21.32	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Inner_1RB_Left	26.97	25.69	29.39	23.29	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Inner_1RB_Right	26.81	25.66	29.28	23.18	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Outer_Full	24.84	23.62	27.28	21.18	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Inner_1RB_Left	26.28	24.51	28.49	22.39	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.: SEWM2304000122RG02

Rev.: 01

Page: 27 of 307

N77-3700-3980	30	50	DFT-16QAM	L	Inner_1RB_Right	26.12	25.05	28.63	22.53	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Outer_Full	23.97	22.62	26.36	20.26	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Inner_1RB_Left	25.45	24.34	27.94	21.84	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Inner_1RB_Right	25.49	24.38	27.98	21.88	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Outer_Full	23.85	22.6	26.28	20.18	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Inner_1RB_Left	23.85	22.73	26.34	20.24	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Inner_1RB_Right	23.69	22.41	26.11	20.01	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Outer_Full	23.42	21.93	25.75	19.65	PASS
N77-3700-3980	30	50	CP-QPSK	L	Inner_1RB_Left	25.08	23.74	27.47	21.37	PASS
N77-3700-3980	30	50	CP-QPSK	L	Inner_1RB_Right	24.89	23.63	27.32	21.22	PASS
N77-3700-3980	30	50	CP-QPSK	L	Outer_Full	22.71	21.21	25.03	18.93	PASS
N77-3700-3980	30	50	CP-16QAM	L	Inner_1RB_Left	24.63	23.22	26.99	20.89	PASS
N77-3700-3980	30	50	CP-16QAM	L	Inner_1RB_Right	24.51	23.02	26.84	20.74	PASS
N77-3700-3980	30	50	CP-16QAM	L	Outer_Full	22.73	21.19	25.04	18.94	PASS
N77-3700-3980	30	50	CP-64QAM	L	Inner_1RB_Left	22.8	21.51	25.21	19.11	PASS
N77-3700-3980	30	50	CP-64QAM	L	Inner_1RB_Right	22.57	21.34	25.01	18.91	PASS
N77-3700-3980	30	50	CP-64QAM	L	Outer_Full	22.23	20.72	24.55	18.45	PASS
N77-3700-3980	30	50	CP-256QAM	L	Inner_1RB_Left	19.03	17.91	21.52	15.42	PASS
N77-3700-3980	30	50	CP-256QAM	L	Inner_1RB_Right	18.92	17.73	21.38	15.28	PASS
N77-3700-3980	30	50	CP-256QAM	L	Outer_Full	19.16	17.69	21.5	15.4	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Inner_1RB_Left	26.78	25.54	29.21	23.11	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Inner_1RB_Right	26.97	25.51	29.31	23.21	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	24.82	23.96	27.42	21.32	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Inner_1RB_Left	26.88	25.6	29.3	23.2	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Inner_1RB_Right	26.75	25.6	29.22	23.12	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	24.81	23.59	27.25	21.15	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Inner_1RB_Left	26.15	24.38	28.36	22.26	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Inner_1RB_Right	26.19	25.12	28.7	22.6	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	23.97	22.62	26.36	20.26	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Inner_1RB_Left	25.55	24.44	28.04	21.94	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Inner_1RB_Right	25.39	24.28	27.88	21.78	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	23.88	22.63	26.31	20.21	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Inner_1RB_Left	23.87	22.75	26.36	20.26	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Inner_1RB_Right	23.7	22.42	26.12	20.02	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	23.39	21.9	25.72	19.62	PASS
N77-3700-3980	30	50	CP-QPSK	M	Inner_1RB_Left	25.19	23.79	27.56	21.46	PASS
N77-3700-3980	30	50	CP-QPSK	M	Inner_1RB_Right	24.98	23.8	27.44	21.34	PASS
N77-3700-3980	30	50	CP-QPSK	M	Outer_Full	22.64	21.2	24.99	18.89	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.: SEWM2304000122RG02

Rev.: 01

Page: 28 of 307

N77-3700-3980	30	50	CP-16QAM	M	Inner_1RB_Left	24.71	23.41	27.12	21.02	PASS
N77-3700-3980	30	50	CP-16QAM	M	Inner_1RB_Right	24.81	23.58	27.25	21.15	PASS
N77-3700-3980	30	50	CP-16QAM	M	Outer_Full	22.6	21.34	25.03	18.93	PASS
N77-3700-3980	30	50	CP-64QAM	M	Inner_1RB_Left	22.78	21.57	25.23	19.13	PASS
N77-3700-3980	30	50	CP-64QAM	M	Inner_1RB_Right	22.67	21.63	25.19	19.09	PASS
N77-3700-3980	30	50	CP-64QAM	M	Outer_Full	22.12	20.9	24.56	18.46	PASS
N77-3700-3980	30	50	CP-256QAM	M	Inner_1RB_Left	19.12	18.04	21.62	15.52	PASS
N77-3700-3980	30	50	CP-256QAM	M	Inner_1RB_Right	19.25	18.31	21.82	15.72	PASS
N77-3700-3980	30	50	CP-256QAM	M	Outer_Full	19.1	17.88	21.54	15.44	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Inner_1RB_Left	26.86	25.56	29.27	23.17	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Inner_1RB_Right	26.89	25.43	29.23	23.13	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Outer_Full	24.87	24.01	27.47	21.37	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Inner_1RB_Left	26.85	25.57	29.27	23.17	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Inner_1RB_Right	26.86	25.71	29.33	23.23	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Outer_Full	24.79	23.57	27.23	21.13	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Inner_1RB_Left	26.31	24.54	28.52	22.42	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Inner_1RB_Right	26.02	24.95	28.53	22.43	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Outer_Full	23.84	22.49	26.23	20.13	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Inner_1RB_Left	25.51	24.4	28	21.9	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Inner_1RB_Right	25.41	24.3	27.9	21.8	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Outer_Full	23.76	22.51	26.19	20.09	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Inner_1RB_Left	23.79	22.67	26.28	20.18	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Inner_1RB_Right	23.83	22.55	26.25	20.15	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Outer_Full	23.36	21.87	25.69	19.59	PASS
N77-3700-3980	30	50	CP-QPSK	H	Inner_1RB_Left	24.79	23.11	27.04	20.94	PASS
N77-3700-3980	30	50	CP-QPSK	H	Inner_1RB_Right	25.2	23.63	27.5	21.4	PASS
N77-3700-3980	30	50	CP-QPSK	H	Outer_Full	22.54	20.93	24.82	18.72	PASS
N77-3700-3980	30	50	CP-16QAM	H	Inner_1RB_Left	24.35	22.8	26.65	20.55	PASS
N77-3700-3980	30	50	CP-16QAM	H	Inner_1RB_Right	24.74	23.15	27.03	20.93	PASS
N77-3700-3980	30	50	CP-16QAM	H	Outer_Full	22.57	21.05	24.89	18.79	PASS
N77-3700-3980	30	50	CP-64QAM	H	Inner_1RB_Left	22.46	20.99	24.8	18.7	PASS
N77-3700-3980	30	50	CP-64QAM	H	Inner_1RB_Right	22.88	21.61	25.3	19.2	PASS
N77-3700-3980	30	50	CP-64QAM	H	Outer_Full	21.93	20.54	24.3	18.2	PASS
N77-3700-3980	30	50	CP-256QAM	H	Inner_1RB_Left	19.01	17.64	21.39	15.29	PASS
N77-3700-3980	30	50	CP-256QAM	H	Inner_1RB_Right	19.36	18.1	21.79	15.69	PASS
N77-3700-3980	30	50	CP-256QAM	H	Outer_Full	18.94	17.56	21.31	15.21	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Inner_1RB_Left	26.99	25.7	29.4	23.3	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Inner_1RB_Right	26.81	25.35	29.15	23.05	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.: SEWM2304000122RG02

Rev.: 01

Page: 29 of 307

N77-3700-3980	30	60	DFT-PI2BPSK	L	Outer_Full	24.82	23.96	27.42	21.32	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Inner_1RB_Left	26.96	25.68	29.38	23.28	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Inner_1RB_Right	26.86	25.71	29.33	23.23	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Outer_Full	24.74	23.52	27.18	21.08	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Inner_1RB_Left	26.26	24.49	28.47	22.37	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Inner_1RB_Right	26.18	25.11	28.69	22.59	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Outer_Full	23.78	22.43	26.17	20.07	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Inner_1RB_Left	25.51	24.4	28	21.9	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Inner_1RB_Right	25.47	24.36	27.96	21.86	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Outer_Full	23.76	22.51	26.19	20.09	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Inner_1RB_Left	23.88	22.76	26.37	20.27	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Inner_1RB_Right	23.88	22.6	26.3	20.2	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Outer_Full	23.5	22.01	25.83	19.73	PASS
N77-3700-3980	30	60	CP-QPSK	L	Inner_1RB_Left	24.85	23.56	27.26	21.16	PASS
N77-3700-3980	30	60	CP-QPSK	L	Inner_1RB_Right	24.9	23.5	27.27	21.17	PASS
N77-3700-3980	30	60	CP-QPSK	L	Outer_Full	22.6	21.16	24.95	18.85	PASS
N77-3700-3980	30	60	CP-16QAM	L	Inner_1RB_Left	24.42	23.17	26.85	20.75	PASS
N77-3700-3980	30	60	CP-16QAM	L	Inner_1RB_Right	24.49	23.03	26.83	20.73	PASS
N77-3700-3980	30	60	CP-16QAM	L	Outer_Full	22.59	21.13	24.93	18.83	PASS
N77-3700-3980	30	60	CP-64QAM	L	Inner_1RB_Left	22.52	21.37	24.99	18.89	PASS
N77-3700-3980	30	60	CP-64QAM	L	Inner_1RB_Right	22.51	21.25	24.94	18.84	PASS
N77-3700-3980	30	60	CP-64QAM	L	Outer_Full	22.13	20.66	24.47	18.37	PASS
N77-3700-3980	30	60	CP-256QAM	L	Inner_1RB_Left	19.09	17.72	21.47	15.37	PASS
N77-3700-3980	30	60	CP-256QAM	L	Inner_1RB_Right	18.96	17.84	21.45	15.35	PASS
N77-3700-3980	30	60	CP-256QAM	L	Outer_Full	19.17	17.67	21.49	15.39	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Inner_1RB_Left	26.79	25.58	29.24	23.14	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Inner_1RB_Right	26.91	25.45	29.25	23.15	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	24.95	24.09	27.55	21.45	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Inner_1RB_Left	26.98	25.7	29.4	23.3	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Inner_1RB_Right	26.73	25.58	29.2	23.1	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	24.74	23.52	27.18	21.08	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Inner_1RB_Left	26.25	24.48	28.46	22.36	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Inner_1RB_Right	26.1	25.03	28.61	22.51	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	23.96	22.61	26.35	20.25	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Inner_1RB_Left	25.63	24.52	28.12	22.02	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Inner_1RB_Right	25.46	24.35	27.95	21.85	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	23.78	22.53	26.21	20.11	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Inner_1RB_Left	23.84	22.72	26.33	20.23	PASS



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

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

South of No. 6 Plant, No. 1, 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.cn
t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 30 of 307

N77-3700-3980	30	60	DFT-256QAM	M	Inner_1RB_Right	23.74	22.46	26.16	20.06	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	23.33	21.84	25.66	19.56	PASS
N77-3700-3980	30	60	CP-QPSK	M	Inner_1RB_Left	25.06	23.61	27.41	21.31	PASS
N77-3700-3980	30	60	CP-QPSK	M	Inner_1RB_Right	24.95	23.61	27.34	21.24	PASS
N77-3700-3980	30	60	CP-QPSK	M	Outer_Full	22.75	21.26	25.08	18.98	PASS
N77-3700-3980	30	60	CP-16QAM	M	Inner_1RB_Left	24.8	23.42	27.17	21.07	PASS
N77-3700-3980	30	60	CP-16QAM	M	Inner_1RB_Right	24.65	23.58	27.16	21.06	PASS
N77-3700-3980	30	60	CP-16QAM	M	Outer_Full	22.59	21.37	25.03	18.93	PASS
N77-3700-3980	30	60	CP-64QAM	M	Inner_1RB_Left	22.75	21.55	25.2	19.1	PASS
N77-3700-3980	30	60	CP-64QAM	M	Inner_1RB_Right	22.74	21.76	25.29	19.19	PASS
N77-3700-3980	30	60	CP-64QAM	M	Outer_Full	22.13	20.95	24.59	18.49	PASS
N77-3700-3980	30	60	CP-256QAM	M	Inner_1RB_Left	19	18.25	21.65	15.55	PASS
N77-3700-3980	30	60	CP-256QAM	M	Inner_1RB_Right	19.03	17.97	21.54	15.44	PASS
N77-3700-3980	30	60	CP-256QAM	M	Outer_Full	19.17	18	21.63	15.53	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Inner_1RB_Left	26.59	25.43	29.06	22.96	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Inner_1RB_Right	26.84	25.38	29.18	23.08	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Outer_Full	24.98	24.12	27.58	21.48	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Inner_1RB_Left	26.98	25.7	29.4	23.3	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Inner_1RB_Right	26.72	25.57	29.19	23.09	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Outer_Full	24.87	23.65	27.31	21.21	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Inner_1RB_Left	26.26	24.49	28.47	22.37	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Inner_1RB_Right	26.06	24.99	28.57	22.47	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Outer_Full	23.88	22.53	26.27	20.17	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Inner_1RB_Left	25.62	24.51	28.11	22.01	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Inner_1RB_Right	25.52	24.41	28.01	21.91	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Outer_Full	23.74	22.49	26.17	20.07	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Inner_1RB_Left	23.82	22.7	26.31	20.21	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Inner_1RB_Right	23.75	22.47	26.17	20.07	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Outer_Full	23.34	21.85	25.67	19.57	PASS
N77-3700-3980	30	60	CP-QPSK	H	Inner_1RB_Left	24.88	23.39	27.21	21.11	PASS
N77-3700-3980	30	60	CP-QPSK	H	Inner_1RB_Right	25.14	23.74	27.51	21.41	PASS
N77-3700-3980	30	60	CP-QPSK	H	Outer_Full	22.54	20.99	24.84	18.74	PASS
N77-3700-3980	30	60	CP-16QAM	H	Inner_1RB_Left	24.57	23.04	26.88	20.78	PASS
N77-3700-3980	30	60	CP-16QAM	H	Inner_1RB_Right	24.76	23.22	27.07	20.97	PASS
N77-3700-3980	30	60	CP-16QAM	H	Outer_Full	22.48	21.06	24.84	18.74	PASS
N77-3700-3980	30	60	CP-64QAM	H	Inner_1RB_Left	22.71	21.21	25.03	18.93	PASS
N77-3700-3980	30	60	CP-64QAM	H	Inner_1RB_Right	23	21.51	25.33	19.23	PASS
N77-3700-3980	30	60	CP-64QAM	H	Outer_Full	22.08	20.6	24.41	18.31	PASS



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

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

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

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



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 31 of 307

N77-3700-3980	30	60	CP-256QAM	H	Inner_1RB_Left	19.09	17.7	21.46	15.36	PASS
N77-3700-3980	30	60	CP-256QAM	H	Inner_1RB_Right	19.19	18.03	21.66	15.56	PASS
N77-3700-3980	30	60	CP-256QAM	H	Outer_Full	19.12	17.64	21.45	15.35	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Inner_1RB_Left	26.73	25.64	29.23	23.13	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Inner_1RB_Right	26.88	25.42	29.22	23.12	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Outer_Full	24.97	24.11	27.57	21.47	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Inner_1RB_Left	26.84	25.56	29.26	23.16	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Inner_1RB_Right	26.84	25.69	29.31	23.21	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Outer_Full	24.74	23.52	27.18	21.08	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Inner_1RB_Left	26.26	24.49	28.47	22.37	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Inner_1RB_Right	25.98	24.91	28.49	22.39	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Outer_Full	23.86	22.51	26.25	20.15	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Inner_1RB_Left	25.64	24.53	28.13	22.03	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Inner_1RB_Right	25.37	24.26	27.86	21.76	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Outer_Full	23.87	22.62	26.3	20.2	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Inner_1RB_Left	23.84	22.72	26.33	20.23	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Inner_1RB_Right	23.79	22.51	26.21	20.11	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Outer_Full	23.43	21.94	25.76	19.66	PASS
N77-3700-3980	30	70	CP-QPSK	L	Inner_1RB_Left	17.64	23.57	24.56	18.46	PASS
N77-3700-3980	30	70	CP-QPSK	L	Inner_1RB_Right	24.82	23.53	27.23	21.13	PASS
N77-3700-3980	30	70	CP-QPSK	L	Outer_Full	22.41	21.12	24.82	18.72	PASS
N77-3700-3980	30	70	CP-16QAM	L	Inner_1RB_Left	24.34	23.05	26.75	20.65	PASS
N77-3700-3980	30	70	CP-16QAM	L	Inner_1RB_Right	24.37	22.95	26.73	20.63	PASS
N77-3700-3980	30	70	CP-16QAM	L	Outer_Full	22.47	21.08	24.84	18.74	PASS
N77-3700-3980	30	70	CP-64QAM	L	Inner_1RB_Left	22.44	21.31	24.92	18.82	PASS
N77-3700-3980	30	70	CP-64QAM	L	Inner_1RB_Right	22.59	21.1	24.92	18.82	PASS
N77-3700-3980	30	70	CP-64QAM	L	Outer_Full	21.96	20.6	24.34	18.24	PASS
N77-3700-3980	30	70	CP-256QAM	L	Inner_1RB_Left	18.76	17.64	21.25	15.15	PASS
N77-3700-3980	30	70	CP-256QAM	L	Inner_1RB_Right	19.13	17.36	21.34	15.24	PASS
N77-3700-3980	30	70	CP-256QAM	L	Outer_Full	18.99	17.6	21.36	15.26	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Inner_1RB_Left	26.97	25.61	29.35	23.25	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Inner_1RB_Right	26.8	25.34	29.14	23.04	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Outer_Full	24.98	24.12	27.58	21.48	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Inner_1RB_Left	26.88	25.6	29.3	23.2	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Inner_1RB_Right	26.72	25.57	29.19	23.09	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	24.76	23.54	27.2	21.1	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Inner_1RB_Left	26.15	24.38	28.36	22.26	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Inner_1RB_Right	26.04	24.97	28.55	22.45	PASS



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

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

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

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



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 32 of 307

N77-3700-3980	30	70	DFT-16QAM	M	Outer_Full	23.83	22.48	26.22	20.12	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Inner_1RB_Left	25.48	24.37	27.97	21.87	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Inner_1RB_Right	25.46	24.35	27.95	21.85	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Outer_Full	23.85	22.6	26.28	20.18	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Inner_1RB_Left	23.76	22.64	26.25	20.15	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Inner_1RB_Right	23.88	22.6	26.3	20.2	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Outer_Full	23.42	21.93	25.75	19.65	PASS
N77-3700-3980	30	70	CP-QPSK	M	Inner_1RB_Left	25.1	23.72	27.47	21.37	PASS
N77-3700-3980	30	70	CP-QPSK	M	Inner_1RB_Right	24.76	23.33	27.11	21.01	PASS
N77-3700-3980	30	70	CP-QPSK	M	Outer_Full	22.5	21.08	24.86	18.76	PASS
N77-3700-3980	30	70	CP-16QAM	M	Inner_1RB_Left	24.62	23.27	27.01	20.91	PASS
N77-3700-3980	30	70	CP-16QAM	M	Inner_1RB_Right	24.25	22.89	26.63	20.53	PASS
N77-3700-3980	30	70	CP-16QAM	M	Outer_Full	22.49	21.17	24.89	18.79	PASS
N77-3700-3980	30	70	CP-64QAM	M	Inner_1RB_Left	22.68	21.48	25.13	19.03	PASS
N77-3700-3980	30	70	CP-64QAM	M	Inner_1RB_Right	22.61	21.28	25.01	18.91	PASS
N77-3700-3980	30	70	CP-64QAM	M	Outer_Full	22.02	20.81	24.47	18.37	PASS
N77-3700-3980	30	70	CP-256QAM	M	Inner_1RB_Left	18.98	17.75	21.42	15.32	PASS
N77-3700-3980	30	70	CP-256QAM	M	Inner_1RB_Right	18.93	17.72	21.38	15.28	PASS
N77-3700-3980	30	70	CP-256QAM	M	Outer_Full	18.98	17.77	21.43	15.33	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Inner_1RB_Left	26.86	25.59	29.28	23.18	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Inner_1RB_Right	26.99	25.53	29.33	23.23	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Outer_Full	24.76	23.9	27.36	21.26	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Inner_1RB_Left	26.9	25.62	29.32	23.22	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Inner_1RB_Right	26.79	25.64	29.26	23.16	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Outer_Full	24.7	23.48	27.14	21.04	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Inner_1RB_Left	26.13	24.36	28.34	22.24	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Inner_1RB_Right	26.19	25.12	28.7	22.6	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Outer_Full	23.9	22.55	26.29	20.19	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Inner_1RB_Left	25.64	24.53	28.13	22.03	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Inner_1RB_Right	25.35	24.24	27.84	21.74	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Outer_Full	23.82	22.57	26.25	20.15	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Inner_1RB_Left	23.87	22.75	26.36	20.26	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Inner_1RB_Right	23.9	22.62	26.32	20.22	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Outer_Full	23.5	22.01	25.83	19.73	PASS
N77-3700-3980	30	70	CP-QPSK	H	Inner_1RB_Left	24.92	23.12	27.12	21.02	PASS
N77-3700-3980	30	70	CP-QPSK	H	Inner_1RB_Right	25.17	23.39	27.38	21.28	PASS
N77-3700-3980	30	70	CP-QPSK	H	Outer_Full	22.53	20.68	24.71	18.61	PASS
N77-3700-3980	30	70	CP-16QAM	H	Inner_1RB_Left	24.75	22.92	26.94	20.84	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.: SEWM2304000122RG02

Rev.: 01

Page: 33 of 307

N77-3700-3980	30	70	CP-16QAM	H	Inner_1RB_Right	24.54	22.95	26.83	20.73	PASS
N77-3700-3980	30	70	CP-16QAM	H	Outer_Full	22.6	20.68	24.76	18.66	PASS
N77-3700-3980	30	70	CP-64QAM	H	Inner_1RB_Left	22.64	20.94	24.88	18.78	PASS
N77-3700-3980	30	70	CP-64QAM	H	Inner_1RB_Right	22.84	21.11	25.07	18.97	PASS
N77-3700-3980	30	70	CP-64QAM	H	Outer_Full	22.01	20.35	24.27	18.17	PASS
N77-3700-3980	30	70	CP-256QAM	H	Inner_1RB_Left	19.07	17.47	21.35	15.25	PASS
N77-3700-3980	30	70	CP-256QAM	H	Inner_1RB_Right	18.95	17.59	21.33	15.23	PASS
N77-3700-3980	30	70	CP-256QAM	H	Outer_Full	19.08	17.4	21.33	15.23	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Inner_1RB_Left	26.57	25.44	29.05	22.95	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Inner_1RB_Right	26.81	25.35	29.15	23.05	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Outer_Full	24.82	23.96	27.42	21.32	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Inner_1RB_Left	26.85	25.57	29.27	23.17	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Inner_1RB_Right	26.91	25.76	29.38	23.28	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Outer_Full	24.77	23.55	27.21	21.11	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Inner_1RB_Left	26.14	24.37	28.35	22.25	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Inner_1RB_Right	26.04	24.97	28.55	22.45	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Outer_Full	23.82	22.47	26.21	20.11	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Inner_1RB_Left	25.57	24.46	28.06	21.96	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Inner_1RB_Right	25.35	24.24	27.84	21.74	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Outer_Full	23.69	22.44	26.12	20.02	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Inner_1RB_Left	23.83	22.71	26.32	20.22	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Inner_1RB_Right	23.83	22.55	26.25	20.15	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Outer_Full	23.37	21.88	25.7	19.6	PASS
N77-3700-3980	30	80	CP-QPSK	L	Inner_1RB_Left	24.69	23.32	27.07	20.97	PASS
N77-3700-3980	30	80	CP-QPSK	L	Inner_1RB_Right	24.75	23.57	27.21	21.11	PASS
N77-3700-3980	30	80	CP-QPSK	L	Outer_Full	22.4	21	24.77	18.67	PASS
N77-3700-3980	30	80	CP-16QAM	L	Inner_1RB_Left	24.69	23.22	27.03	20.93	PASS
N77-3700-3980	30	80	CP-16QAM	L	Inner_1RB_Right	24.25	23	26.68	20.58	PASS
N77-3700-3980	30	80	CP-16QAM	L	Outer_Full	22.42	21.01	24.78	18.68	PASS
N77-3700-3980	30	80	CP-64QAM	L	Inner_1RB_Left	22.56	21.22	24.95	18.85	PASS
N77-3700-3980	30	80	CP-64QAM	L	Inner_1RB_Right	22.44	21.28	24.91	18.81	PASS
N77-3700-3980	30	80	CP-64QAM	L	Outer_Full	21.9	20.63	24.32	18.22	PASS
N77-3700-3980	30	80	CP-256QAM	L	Inner_1RB_Left	18.73	17.72	21.26	15.16	PASS
N77-3700-3980	30	80	CP-256QAM	L	Inner_1RB_Right	18.57	17.5	21.08	14.98	PASS
N77-3700-3980	30	80	CP-256QAM	L	Outer_Full	18.94	17.64	21.35	15.25	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Inner_1RB_Left	26.87	25.73	29.35	23.25	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Inner_1RB_Right	26.9	25.44	29.24	23.14	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Outer_Full	24.88	24.02	27.48	21.38	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.: SEWM2304000122RG02

Rev.: 01

Page: 34 of 307

N77-3700-3980	30	80	DFT-QPSK	M	Inner_1RB_Left	27.01	25.73	29.43	23.33	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Inner_1RB_Right	26.7	25.55	29.17	23.07	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	24.7	23.48	27.14	21.04	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Inner_1RB_Left	26.18	24.41	28.39	22.29	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Inner_1RB_Right	26.12	25.05	28.63	22.53	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	23.85	22.5	26.24	20.14	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Inner_1RB_Left	25.5	24.39	27.99	21.89	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Inner_1RB_Right	25.5	24.39	27.99	21.89	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	23.7	22.45	26.13	20.03	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Inner_1RB_Left	23.68	22.56	26.17	20.07	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Inner_1RB_Right	23.9	22.62	26.32	20.22	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	23.46	21.97	25.79	19.69	PASS
N77-3700-3980	30	80	CP-QPSK	M	Inner_1RB_Left	25.35	23.64	27.59	21.49	PASS
N77-3700-3980	30	80	CP-QPSK	M	Inner_1RB_Right	24.78	23.13	27.04	20.94	PASS
N77-3700-3980	30	80	CP-QPSK	M	Outer_Full	22.59	21.05	24.9	18.8	PASS
N77-3700-3980	30	80	CP-16QAM	M	Inner_1RB_Left	24.49	22.86	26.76	20.66	PASS
N77-3700-3980	30	80	CP-16QAM	M	Inner_1RB_Right	24.25	22.46	26.46	20.36	PASS
N77-3700-3980	30	80	CP-16QAM	M	Outer_Full	22.59	21.16	24.94	18.84	PASS
N77-3700-3980	30	80	CP-64QAM	M	Inner_1RB_Left	22.62	21.18	24.97	18.87	PASS
N77-3700-3980	30	80	CP-64QAM	M	Inner_1RB_Right	22.23	20.75	24.56	18.46	PASS
N77-3700-3980	30	80	CP-64QAM	M	Outer_Full	21.97	20.7	24.39	18.29	PASS
N77-3700-3980	30	80	CP-256QAM	M	Inner_1RB_Left	19.25	17.5	21.47	15.37	PASS
N77-3700-3980	30	80	CP-256QAM	M	Inner_1RB_Right	18.55	17.63	21.12	15.02	PASS
N77-3700-3980	30	80	CP-256QAM	M	Outer_Full	18.95	17.77	21.41	15.31	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Inner_1RB_Left	26.75	25.64	29.24	23.14	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Inner_1RB_Right	26.98	25.52	29.32	23.22	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Outer_Full	24.81	23.95	27.41	21.31	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Inner_1RB_Left	26.9	25.62	29.32	23.22	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Inner_1RB_Right	26.81	25.66	29.28	23.18	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Outer_Full	24.67	23.45	27.11	21.01	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Inner_1RB_Left	26.26	24.49	28.47	22.37	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Inner_1RB_Right	26.15	25.08	28.66	22.56	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Outer_Full	23.85	22.5	26.24	20.14	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Inner_1RB_Left	25.53	24.42	28.02	21.92	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Inner_1RB_Right	25.53	24.42	28.02	21.92	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Outer_Full	23.73	22.48	26.16	20.06	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Inner_1RB_Left	23.73	22.61	26.22	20.12	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Inner_1RB_Right	23.81	22.53	26.23	20.13	PASS



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

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

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

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



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 35 of 307

N77-3700-3980	30	80	DFT-256QAM	H	Outer_Full	23.48	21.99	25.81	19.71	PASS
N77-3700-3980	30	80	CP-QPSK	H	Inner_1RB_Left	25.15	23.66	27.48	21.38	PASS
N77-3700-3980	30	80	CP-QPSK	H	Inner_1RB_Right	25.13	23.4	27.36	21.26	PASS
N77-3700-3980	30	80	CP-QPSK	H	Outer_Full	22.55	20.77	24.76	18.66	PASS
N77-3700-3980	30	80	CP-16QAM	H	Inner_1RB_Left	24.51	23.16	26.9	20.8	PASS
N77-3700-3980	30	80	CP-16QAM	H	Inner_1RB_Right	24.54	22.91	26.81	20.71	PASS
N77-3700-3980	30	80	CP-16QAM	H	Outer_Full	22.48	20.83	24.74	18.64	PASS
N77-3700-3980	30	80	CP-64QAM	H	Inner_1RB_Left	22.65	21.33	25.05	18.95	PASS
N77-3700-3980	30	80	CP-64QAM	H	Inner_1RB_Right	22.67	21.17	24.99	18.89	PASS
N77-3700-3980	30	80	CP-64QAM	H	Outer_Full	22.09	20.45	24.36	18.26	PASS
N77-3700-3980	30	80	CP-256QAM	H	Inner_1RB_Left	18.76	17.49	21.18	15.08	PASS
N77-3700-3980	30	80	CP-256QAM	H	Inner_1RB_Right	18.92	17.87	21.44	15.34	PASS
N77-3700-3980	30	80	CP-256QAM	H	Outer_Full	19.1	17.47	21.37	15.27	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Inner_1RB_Left	26.79	25.68	29.28	23.18	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Inner_1RB_Right	26.86	25.4	29.2	23.1	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Outer_Full	24.9	24.04	27.5	21.4	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Inner_1RB_Left	26.85	25.57	29.27	23.17	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Inner_1RB_Right	26.71	25.56	29.18	23.08	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Outer_Full	24.67	23.45	27.11	21.01	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Inner_1RB_Left	26.26	24.49	28.47	22.37	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Inner_1RB_Right	26.11	25.04	28.62	22.52	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Outer_Full	23.89	22.54	26.28	20.18	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Inner_1RB_Left	25.62	24.51	28.11	22.01	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Inner_1RB_Right	25.37	24.26	27.86	21.76	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Outer_Full	23.84	22.59	26.27	20.17	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Inner_1RB_Left	23.79	22.67	26.28	20.18	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Inner_1RB_Right	23.74	22.46	26.16	20.06	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Outer_Full	23.44	21.95	25.77	19.67	PASS
N77-3700-3980	30	90	CP-QPSK	L	Inner_1RB_Left	24.71	23.45	27.14	21.04	PASS
N77-3700-3980	30	90	CP-QPSK	L	Inner_1RB_Right	24.8	23.5	27.21	21.11	PASS
N77-3700-3980	30	90	CP-QPSK	L	Outer_Full	22.5	21.09	24.86	18.76	PASS
N77-3700-3980	30	90	CP-16QAM	L	Inner_1RB_Left	24.17	22.92	26.6	20.5	PASS
N77-3700-3980	30	90	CP-16QAM	L	Inner_1RB_Right	24.58	22.98	26.86	20.76	PASS
N77-3700-3980	30	90	CP-16QAM	L	Outer_Full	22.47	21.06	24.83	18.73	PASS
N77-3700-3980	30	90	CP-64QAM	L	Inner_1RB_Left	22.58	21.14	24.93	18.83	PASS
N77-3700-3980	30	90	CP-64QAM	L	Inner_1RB_Right	22.58	21.19	24.95	18.85	PASS
N77-3700-3980	30	90	CP-64QAM	L	Outer_Full	21.96	20.56	24.33	18.23	PASS
N77-3700-3980	30	90	CP-256QAM	L	Inner_1RB_Left	18.73	18	21.39	15.29	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.: SEWM2304000122RG02

Rev.: 01

Page: 36 of 307

N77-3700-3980	30	90	CP-256QAM	L	Inner_1RB_Right	19.2	17.43	21.41	15.31	PASS
N77-3700-3980	30	90	CP-256QAM	L	Outer_Full	19.01	17.58	21.36	15.26	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Inner_1RB_Left	27.03	25.51	29.35	23.25	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Inner_1RB_Right	26.81	25.35	29.15	23.05	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	24.83	23.97	27.43	21.33	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Inner_1RB_Left	26.88	25.6	29.3	23.2	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Inner_1RB_Right	26.81	25.66	29.28	23.18	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	24.88	23.66	27.32	21.22	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Inner_1RB_Left	26.23	24.46	28.44	22.34	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Inner_1RB_Right	25.97	24.9	28.48	22.38	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	23.87	22.52	26.26	20.16	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Inner_1RB_Left	25.59	24.48	28.08	21.98	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Inner_1RB_Right	25.36	24.25	27.85	21.75	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Outer_Full	23.82	22.57	26.25	20.15	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Inner_1RB_Left	23.7	22.58	26.19	20.09	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Inner_1RB_Right	23.74	22.46	26.16	20.06	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Outer_Full	23.52	22.03	25.85	19.75	PASS
N77-3700-3980	30	90	CP-QPSK	M	Inner_1RB_Left	24.86	23.53	27.26	21.16	PASS
N77-3700-3980	30	90	CP-QPSK	M	Inner_1RB_Right	24.69	23.2	27.02	20.92	PASS
N77-3700-3980	30	90	CP-QPSK	M	Outer_Full	22.5	21.2	24.91	18.81	PASS
N77-3700-3980	30	90	CP-16QAM	M	Inner_1RB_Left	24.52	22.76	26.74	20.64	PASS
N77-3700-3980	30	90	CP-16QAM	M	Inner_1RB_Right	24.37	22.72	26.63	20.53	PASS
N77-3700-3980	30	90	CP-16QAM	M	Outer_Full	22.53	21.19	24.92	18.82	PASS
N77-3700-3980	30	90	CP-64QAM	M	Inner_1RB_Left	22.51	21.14	24.89	18.79	PASS
N77-3700-3980	30	90	CP-64QAM	M	Inner_1RB_Right	22.49	20.91	24.78	18.68	PASS
N77-3700-3980	30	90	CP-64QAM	M	Outer_Full	21.96	20.69	24.38	18.28	PASS
N77-3700-3980	30	90	CP-256QAM	M	Inner_1RB_Left	18.88	17.55	21.28	15.18	PASS
N77-3700-3980	30	90	CP-256QAM	M	Inner_1RB_Right	18.88	17.28	21.16	15.06	PASS
N77-3700-3980	30	90	CP-256QAM	M	Outer_Full	18.94	17.74	21.39	15.29	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Inner_1RB_Left	26.72	25.64	29.22	23.12	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Inner_1RB_Right	26.81	25.35	29.15	23.05	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Outer_Full	24.94	24.08	27.54	21.44	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Inner_1RB_Left	26.87	25.59	29.29	23.19	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Inner_1RB_Right	26.91	25.76	29.38	23.28	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Outer_Full	24.81	23.59	27.25	21.15	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Inner_1RB_Left	26.3	24.53	28.51	22.41	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Inner_1RB_Right	26	24.93	28.51	22.41	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Outer_Full	23.92	22.57	26.31	20.21	PASS



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

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

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

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



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 37 of 307

N77-3700-3980	30	90	DFT-64QAM	H	Inner_1RB_Left	25.45	24.34	27.94	21.84	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Inner_1RB_Right	25.52	24.41	28.01	21.91	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Outer_Full	23.88	22.63	26.31	20.21	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Inner_1RB_Left	23.66	22.54	26.15	20.05	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Inner_1RB_Right	23.68	22.4	26.1	20	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Outer_Full	23.54	22.05	25.87	19.77	PASS
N77-3700-3980	30	90	CP-QPSK	H	Inner_1RB_Left	24.56	22.94	26.84	20.74	PASS
N77-3700-3980	30	90	CP-QPSK	H	Inner_1RB_Right	25.1	23.51	27.39	21.29	PASS
N77-3700-3980	30	90	CP-QPSK	H	Outer_Full	22.45	20.8	24.71	18.61	PASS
N77-3700-3980	30	90	CP-16QAM	H	Inner_1RB_Left	24.24	22.47	26.45	20.35	PASS
N77-3700-3980	30	90	CP-16QAM	H	Inner_1RB_Right	24.72	22.82	26.88	20.78	PASS
N77-3700-3980	30	90	CP-16QAM	H	Outer_Full	22.52	20.84	24.77	18.67	PASS
N77-3700-3980	30	90	CP-64QAM	H	Inner_1RB_Left	22.22	20.61	24.5	18.4	PASS
N77-3700-3980	30	90	CP-64QAM	H	Inner_1RB_Right	22.81	21.18	25.08	18.98	PASS
N77-3700-3980	30	90	CP-64QAM	H	Outer_Full	21.99	20.42	24.29	18.19	PASS
N77-3700-3980	30	90	CP-256QAM	H	Inner_1RB_Left	18.87	16.91	21.01	14.91	PASS
N77-3700-3980	30	90	CP-256QAM	H	Inner_1RB_Right	19.03	17.45	21.32	15.22	PASS
N77-3700-3980	30	90	CP-256QAM	H	Outer_Full	18.99	17.45	21.3	15.2	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	26.68	25.39	29.09	22.99	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	26.88	25.42	29.22	23.12	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Outer_Full	24.94	24.08	27.54	21.44	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Left	26.88	25.6	29.3	23.2	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Right	26.74	25.59	29.21	23.11	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	24.75	23.53	27.19	21.09	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Left	26.21	24.44	28.42	22.32	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Right	26.12	25.05	28.63	22.53	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Outer_Full	23.9	22.55	26.29	20.19	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Left	25.53	24.42	28.02	21.92	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Right	25.44	24.33	27.93	21.83	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Outer_Full	23.79	22.54	26.22	20.12	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Left	23.81	22.69	26.3	20.2	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Right	23.84	22.56	26.26	20.16	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	23.39	21.9	25.72	19.62	PASS
N77-3700-3980	30	100	CP-QPSK	L	Inner_1RB_Left	24.69	23.37	27.09	20.99	PASS
N77-3700-3980	30	100	CP-QPSK	L	Inner_1RB_Right	24.97	23.45	27.29	21.19	PASS
N77-3700-3980	30	100	CP-QPSK	L	Outer_Full	22.38	21.09	24.79	18.69	PASS
N77-3700-3980	30	100	CP-16QAM	L	Inner_1RB_Left	24.37	23.14	26.81	20.71	PASS
N77-3700-3980	30	100	CP-16QAM	L	Inner_1RB_Right	24.37	22.96	26.73	20.63	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.: SEWM2304000122RG02

Rev.: 01

Page: 38 of 307

N77-3700-3980	30	100	CP-16QAM	L	Outer_Full	22.42	21.1	24.82	18.72	PASS
N77-3700-3980	30	100	CP-64QAM	L	Inner_1RB_Left	22.41	21.24	24.87	18.77	PASS
N77-3700-3980	30	100	CP-64QAM	L	Inner_1RB_Right	22.59	21.07	24.91	18.81	PASS
N77-3700-3980	30	100	CP-64QAM	L	Outer_Full	21.96	20.62	24.35	18.25	PASS
N77-3700-3980	30	100	CP-256QAM	L	Inner_1RB_Left	18.91	17.78	21.39	15.29	PASS
N77-3700-3980	30	100	CP-256QAM	L	Inner_1RB_Right	19.19	17.5	21.44	15.34	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	18.96	17.63	21.36	15.26	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	27	25.71	29.41	23.31	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	26.87	25.41	29.21	23.11	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	24.97	24.11	27.57	21.47	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Left	26.99	25.71	29.41	23.31	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Right	26.82	25.67	29.29	23.19	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	24.85	23.63	27.29	21.19	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Left	26.18	24.41	28.39	22.29	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Right	26.05	24.98	28.56	22.46	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	23.77	22.42	26.16	20.06	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Left	25.64	24.53	28.13	22.03	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Right	25.53	24.42	28.02	21.92	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	23.79	22.54	26.22	20.12	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Left	23.85	22.73	26.34	20.24	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Right	23.89	22.61	26.31	20.21	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	23.51	22.02	25.84	19.74	PASS
N77-3700-3980	30	100	CP-QPSK	M	Inner_1RB_Left	24.78	23.07	27.02	20.92	PASS
N77-3700-3980	30	100	CP-QPSK	M	Inner_1RB_Right	24.79	23.33	27.13	21.03	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	22.47	20.98	24.8	18.7	PASS
N77-3700-3980	30	100	CP-16QAM	M	Inner_1RB_Left	24.27	22.68	26.56	20.46	PASS
N77-3700-3980	30	100	CP-16QAM	M	Inner_1RB_Right	24.48	22.89	26.77	20.67	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	22.46	21.11	24.85	18.75	PASS
N77-3700-3980	30	100	CP-64QAM	M	Inner_1RB_Left	22.53	21.03	24.85	18.75	PASS
N77-3700-3980	30	100	CP-64QAM	M	Inner_1RB_Right	22.48	21.14	24.87	18.77	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	22.04	20.74	24.45	18.35	PASS
N77-3700-3980	30	100	CP-256QAM	M	Inner_1RB_Left	19.03	17.42	21.31	15.21	PASS
N77-3700-3980	30	100	CP-256QAM	M	Inner_1RB_Right	18.91	17.64	21.33	15.23	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	18.98	17.71	21.4	15.3	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	26.87	25.46	29.23	23.13	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	26.94	25.48	29.28	23.18	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	24.88	24.02	27.48	21.38	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Left	26.79	25.44	29.18	23.08	PASS



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

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

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

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

Report No.: SEWM2304000122RG02

Rev.: 01

Page: 39 of 307

N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Right	26.88	25.73	29.35	23.25	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	24.79	23.57	27.23	21.13	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Left	26.31	24.54	28.52	22.42	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Right	26.09	25.02	28.6	22.5	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	23.84	22.49	26.23	20.13	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Left	25.63	24.52	28.12	22.02	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Right	25.5	24.39	27.99	21.89	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	23.69	22.44	26.12	20.02	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Left	23.69	22.57	26.18	20.08	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Right	23.82	22.54	26.24	20.14	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	23.55	22.06	25.88	19.78	PASS
N77-3700-3980	30	100	CP-QPSK	H	Inner_1RB_Left	24.5	22.37	26.57	20.47	PASS
N77-3700-3980	30	100	CP-QPSK	H	Inner_1RB_Right	25.16	23.47	27.41	21.31	PASS
N77-3700-3980	30	100	CP-QPSK	H	Outer_Full	22.58	20.78	24.78	18.68	PASS
N77-3700-3980	30	100	CP-16QAM	H	Inner_1RB_Left	24.06	22.07	26.19	20.09	PASS
N77-3700-3980	30	100	CP-16QAM	H	Inner_1RB_Right	24.78	23.05	27.01	20.91	PASS
N77-3700-3980	30	100	CP-16QAM	H	Outer_Full	22.47	20.91	24.77	18.67	PASS
N77-3700-3980	30	100	CP-64QAM	H	Inner_1RB_Left	21.98	20.09	24.15	18.05	PASS
N77-3700-3980	30	100	CP-64QAM	H	Inner_1RB_Right	22.92	21.25	25.18	19.08	PASS
N77-3700-3980	30	100	CP-64QAM	H	Outer_Full	21.99	20.49	24.31	18.21	PASS
N77-3700-3980	30	100	CP-256QAM	H	Inner_1RB_Left	18.54	16.57	20.68	14.58	PASS
N77-3700-3980	30	100	CP-256QAM	H	Inner_1RB_Right	19.26	17.69	21.56	15.46	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	19	17.36	21.27	15.17	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.: SEWM2304000122RG02

Rev.: 01

Page: 40 of 307

Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	9.83	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	10.38	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	9.89	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	10.30	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	9.38	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	10.19	≤13	PASS

Test Result for MIMO

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	19.6%	7.08	2.60	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	19.6%	7.08	2.93	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	19.6%	7.08	2.55	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	19.6%	7.08	2.14	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	19.6%	7.08	2.48	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	19.6%	7.08	2.83	≤13	PASS



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

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

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

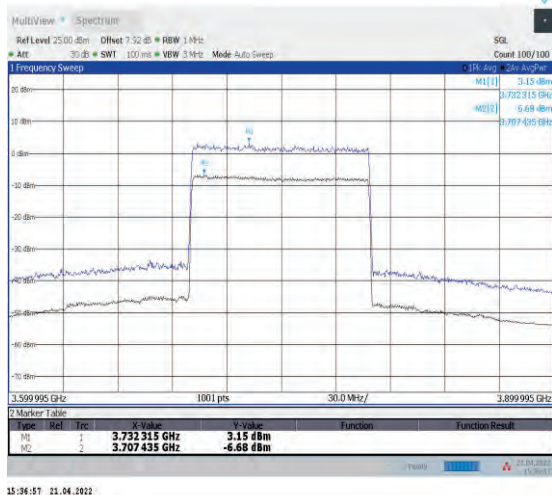
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2304000122RG02

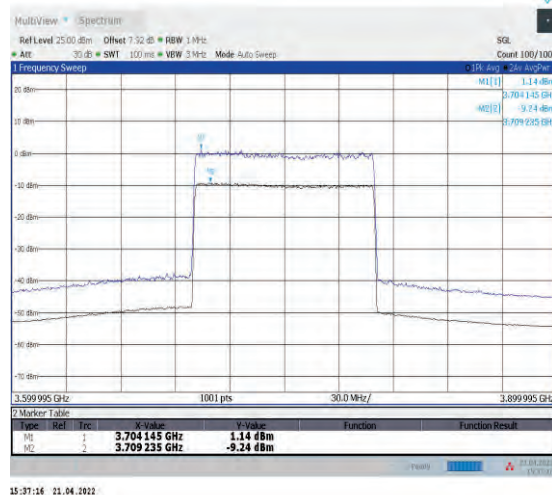
Rev.: 01

Page: 41 of 307

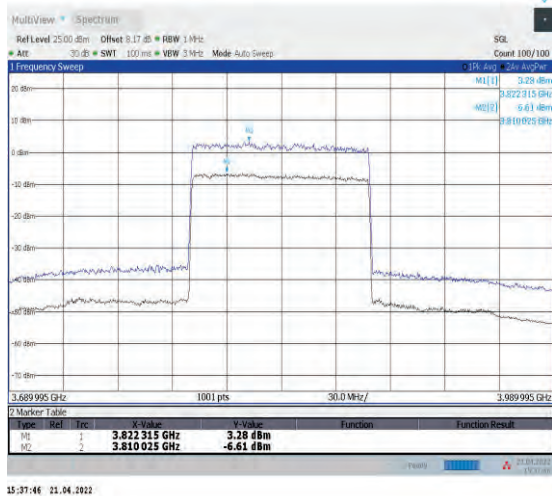
Test Graphs



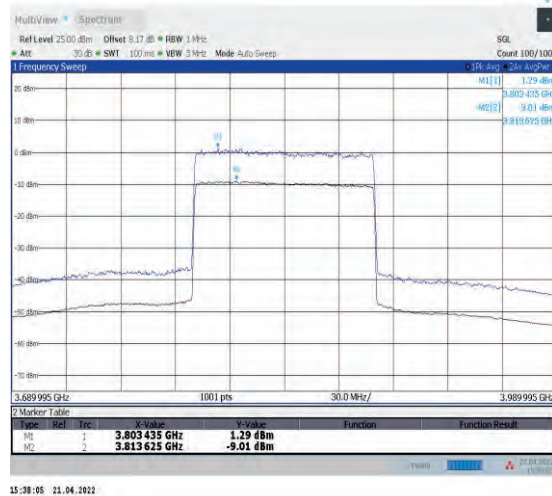
1-N77-3700-3980--30-100-L-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.83-100%-0.00-9.83-PASS-≤13



1-N77-3700-3980--30-100-L-2-CP-256QAM-Outer_Full-273@0-Ant1-10.38-100%-0.00-10.38-PASS-≤13



1-N77-3700-3980--30-100-M-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.89-100%-0.00-9.89-PASS-≤13



1-N77-3700-3980--30-100-M-2-CP-256QAM-Outer_Full-273@0-Ant1-10.30-100%-0.00-10.30-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号厂房南楼 邮编: 215000

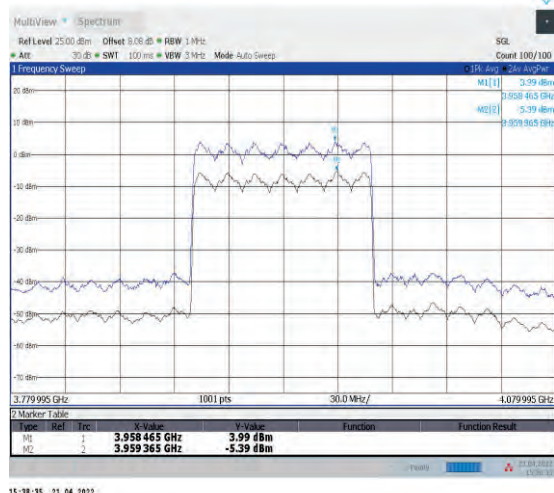
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

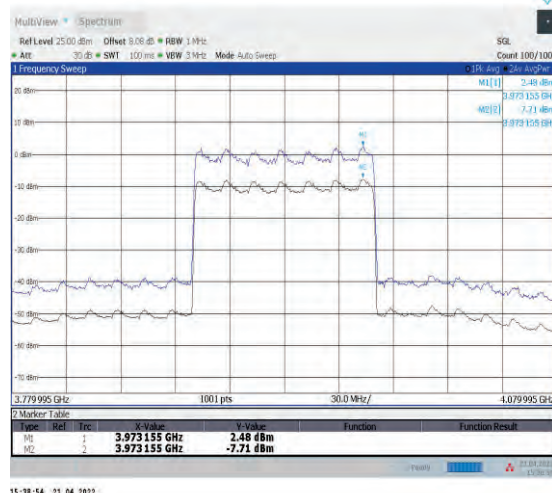
Report No.: SEWM2304000122RG02

Rev.: 01

Page: 42 of 307



1-N77-3700-3980--30-100-H-1-DFT-256QAM-Outer
_Full-270@0-Ant1-9.38-100%-0.00-9.38-PASS-≤13



1-N77-3700-3980--30-100-H-2-CP-256QAM-Outer_F
ull-273@0-Ant1-10.19-100%-0.00-10.19-PASS-≤13



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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2304000122RG02

Rev.: 01

Page: 43 of 307

Test Graphs for MIMO



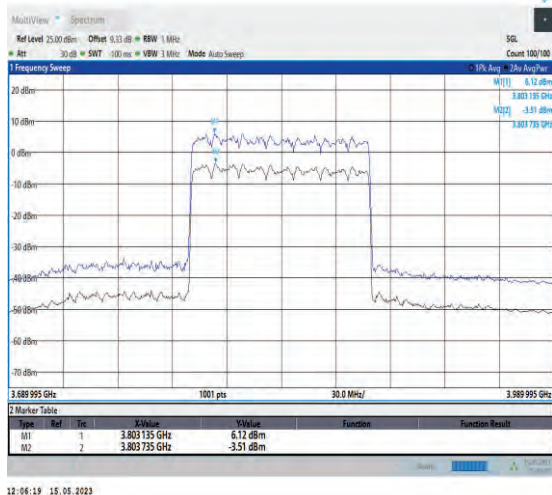
1-N77-3700-3980-PC1-30-100-L-1-DFT-256QAM-Out_Full-270@0-Ant1-9.68-19.6%-7.08-2.60-PASS-≤

13



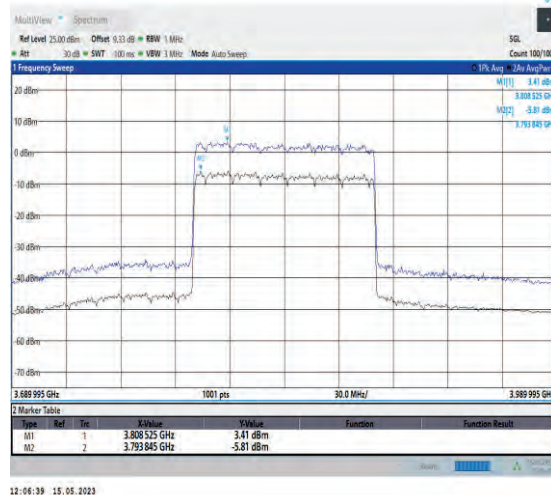
1-N77-3700-3980-PC1-30-100-L-2-CP-256QAM-Out_Full-273@0-Ant1-10.01-19.6%-7.08-2.93-PASS-≤

13



1-N77-3700-3980-PC1-30-100-M-1-DFT-256QAM-Out_Full-270@0-Ant1-9.63-19.6%-7.08-2.55-PASS-≤

13



1-N77-3700-3980-PC1-30-100-M-2-CP-256QAM-Out_Full-273@0-Ant1-9.22-19.6%-7.08-2.14-PASS-≤

13



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

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

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

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

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

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

Member of the SGS Group (SGS SA)

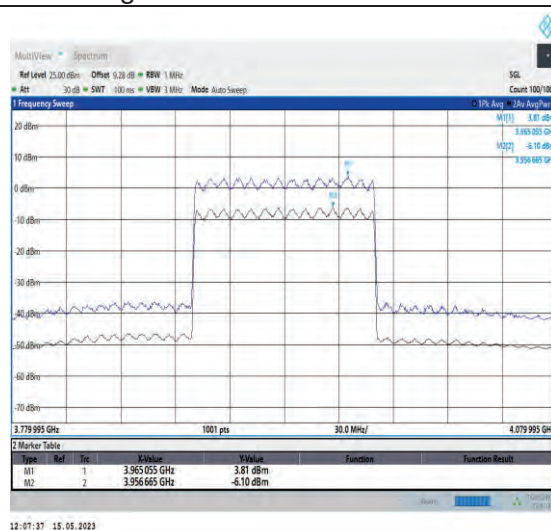
Report No.: SEWM2304000122RG02

Rev.: 01

Page: 44 of 307



1-N77-3700-3980-PC1-30-100-H-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.56-19.6%-7.08-2.48-PASS-≤13



1-N77-3700-3980-PC1-30-100-H-2-CP-256QAM-Outer_Full-273@0-Ant1-9.91-19.6%-7.08-2.83-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.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2304000122RG02

Rev.: 01

Page: 45 of 307

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.

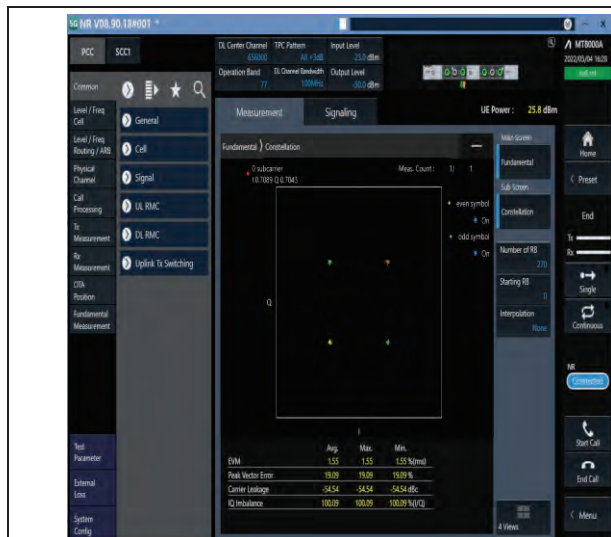
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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号厂房南部 邮编: 215000

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

Report No.: SEWM2304000122RG02
Rev.: 01
Page: 46 of 307

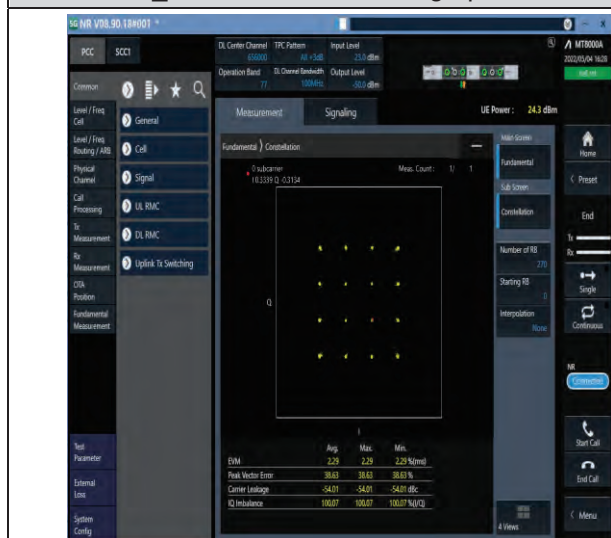
Test Graphs



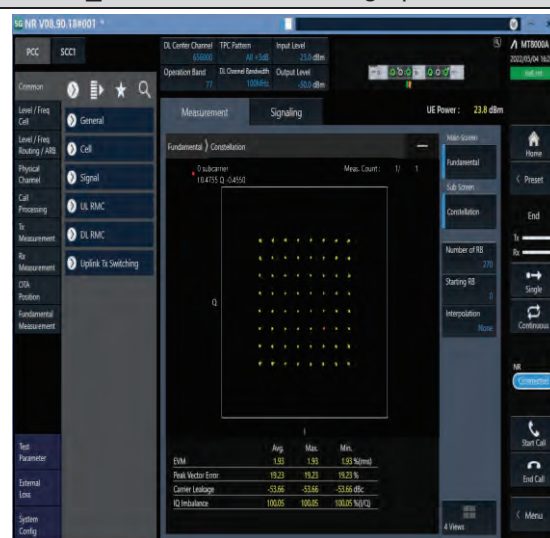
1-N77-3700-3980-PC2-30-100-M-1-DFT-PI2BPSK-Out_Full-270@0-Ant1-see graph-PASS



1-N77-3700-3980-PC2-30-100-M-2-DFT-QPSK-Out_Full-270@0-Ant1-see graph-PASS



1-N77-3700-3980-PC2-30-100-M-3-DFT-16QAM-Out_Full-270@0-Ant1-see graph-PASS



1-N77-3700-3980-PC2-30-100-M-4-DFT-64QAM-Out_Full-270@0-Ant1-see graph-PASS

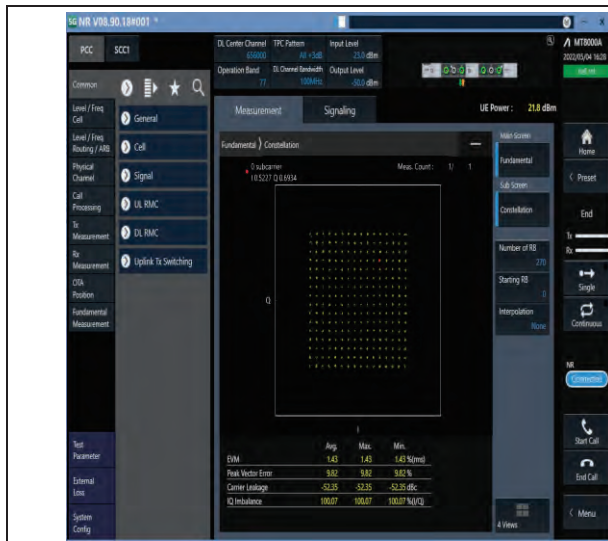


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

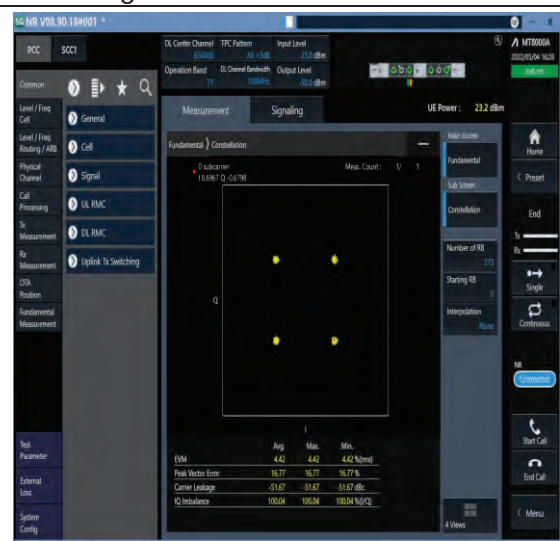
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

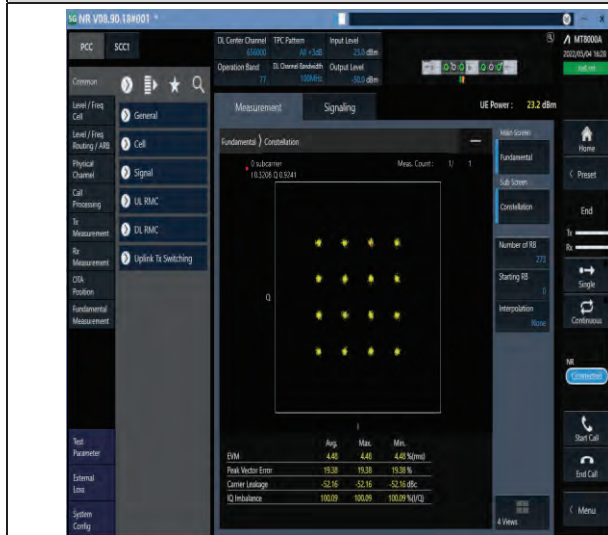
Member of the SGS Group (SGS SA)



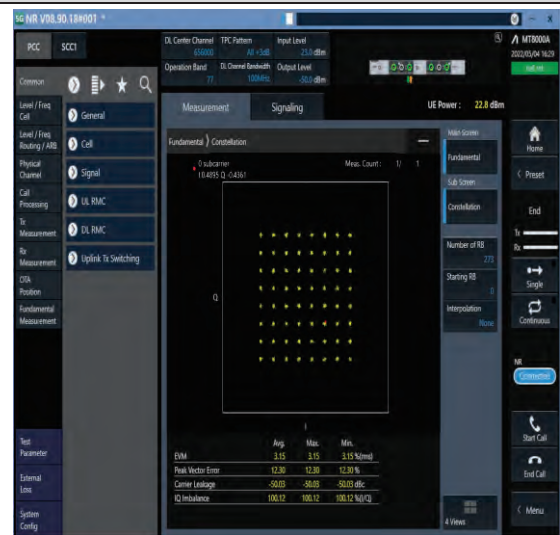
1-N77-3700-3980-PC2-30-100-M-5-DFT-256QAM-Outer_Full-270@0-Ant1-see graph-PASS



1-N77-3700-3980-PC2-30-100-M-6-CP-QPSK-Outer_Full-273@0-Ant1-see graph-PASS



1-N77-3700-3980-PC2-30-100-M-7-CP-16QAM-Outer_Full-273@0-Ant1-see graph-PASS



1-N77-3700-3980-PC2-30-100-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

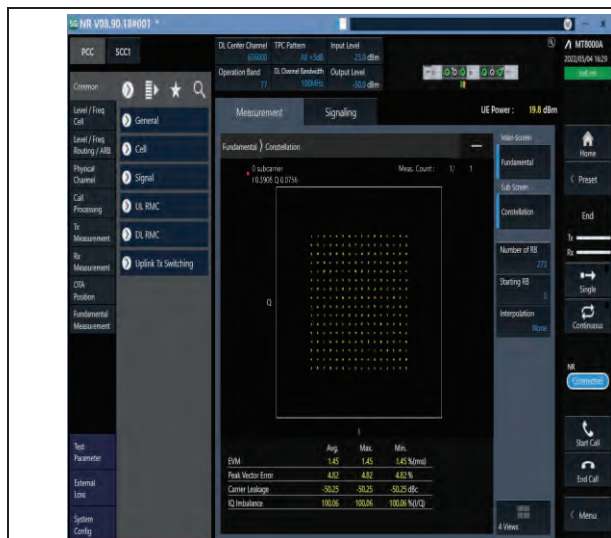
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南 邮编: 215000

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

Report No.: SEWM2304000122RG02

Rev.: 01

Page: 48 of 307



1-N77-3700-3980-PC2-30-100-M-9-CP-256QAM-Out
er_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.

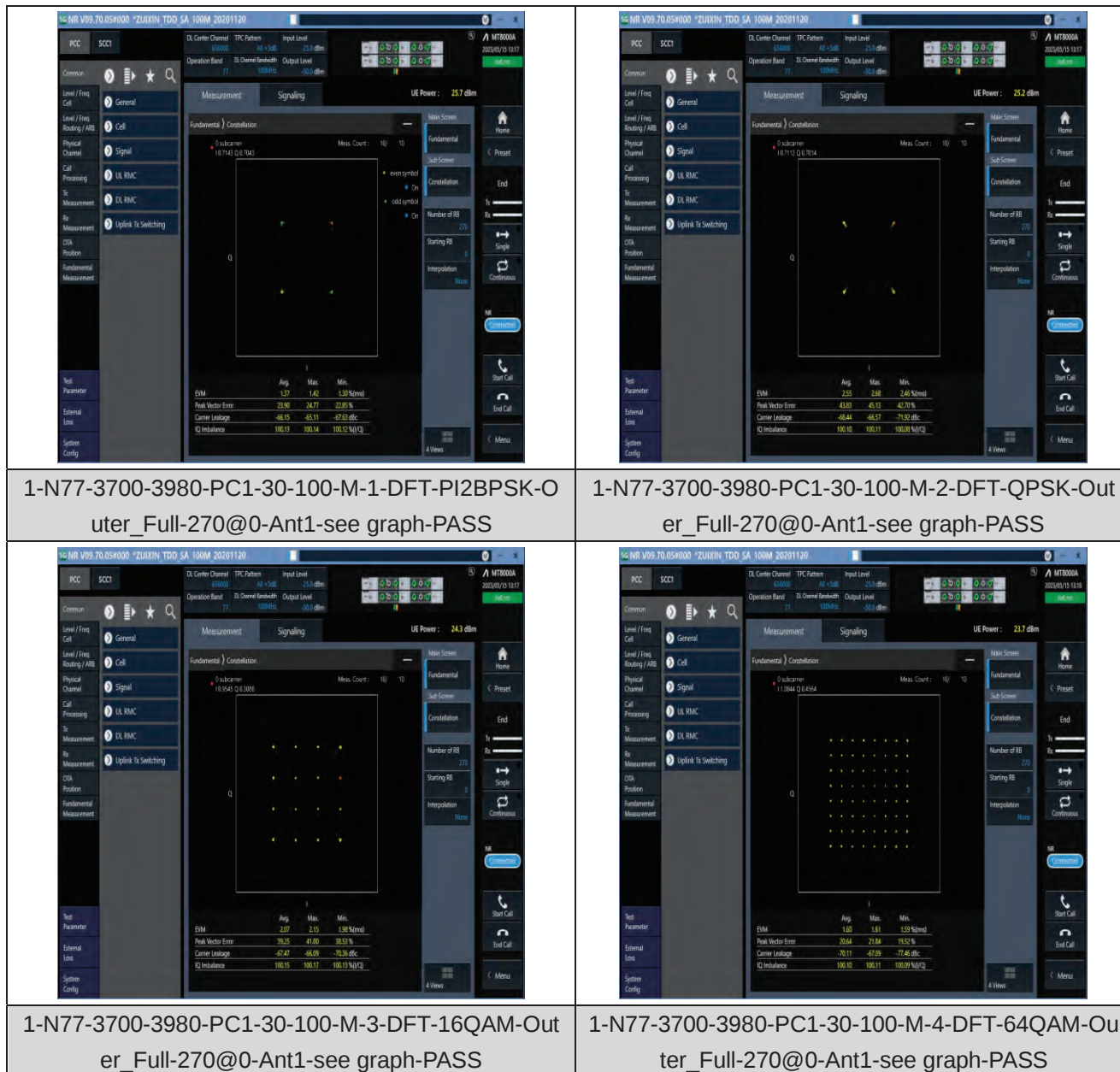
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2304000122RG02
Rev.: 01
Page: 49 of 307

Test Graphs for MIMO

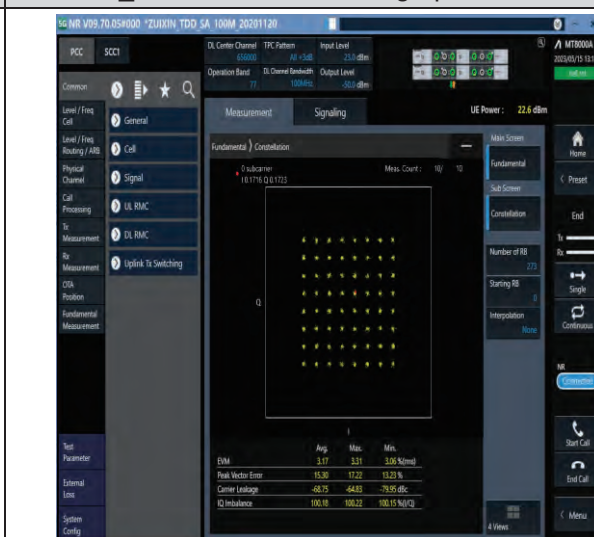
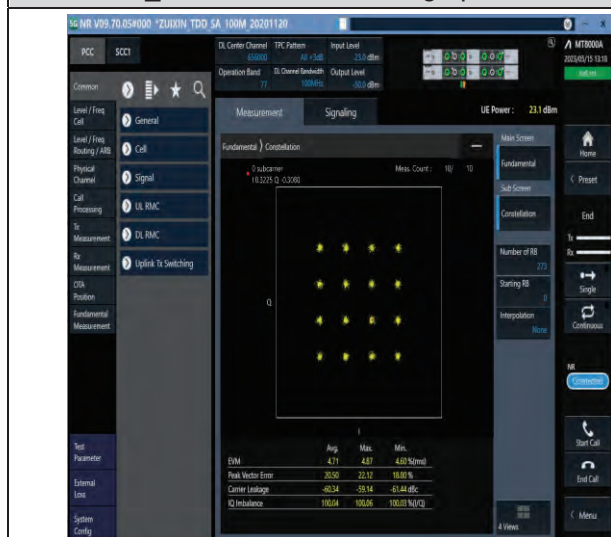
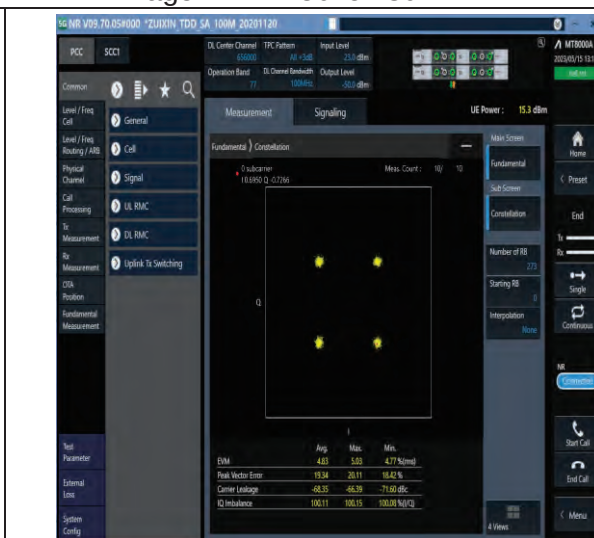
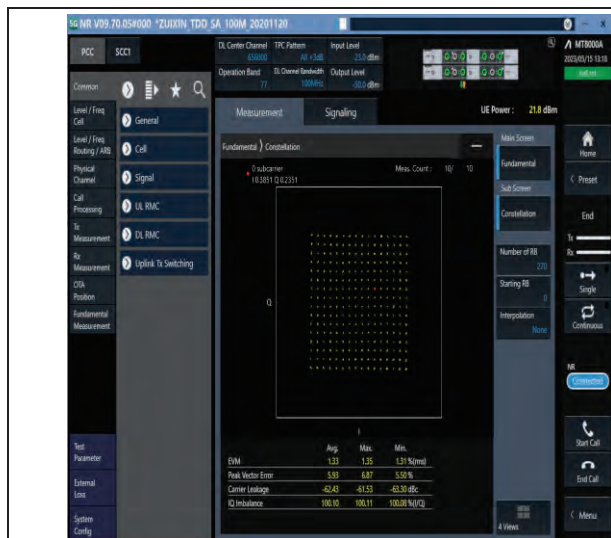


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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号厂房南部 邮编: 215000

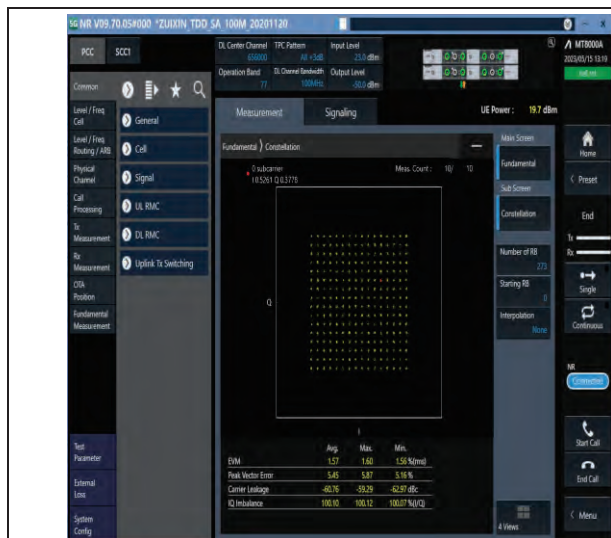
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 51 of 307



1-N77-3700-3980-PC1-30-100-M-9-CP-256QAM-Out
er_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号厂房南部 邮编: 215000

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

Report No.: SEWM2304000122RG02

Rev.: 01

Page: 52 of 307

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	8.628	9.580	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Outer_Full	8.569	9.220	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Outer_Full	8.620	9.640	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Outer_Full	8.567	9.580	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Outer_Full	8.548	9.640	PASS
N77-3700-3980	30	10	CP-QPSK	L	Outer_Full	8.624	9.620	PASS
N77-3700-3980	30	10	CP-16QAM	L	Outer_Full	8.597	9.180	PASS
N77-3700-3980	30	10	CP-64QAM	L	Outer_Full	8.611	9.740	PASS
N77-3700-3980	30	10	CP-256QAM	L	Outer_Full	8.591	9.780	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	8.598	9.840	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	8.581	9.420	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	8.630	9.380	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	8.592	9.440	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	8.545	9.540	PASS
N77-3700-3980	30	10	CP-QPSK	M	Outer_Full	8.598	9.820	PASS
N77-3700-3980	30	10	CP-16QAM	M	Outer_Full	8.608	9.820	PASS
N77-3700-3980	30	10	CP-64QAM	M	Outer_Full	8.591	9.780	PASS
N77-3700-3980	30	10	CP-256QAM	M	Outer_Full	8.593	9.420	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	8.586	9.240	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Outer_Full	8.560	9.420	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Outer_Full	8.567	9.380	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Outer_Full	8.595	9.300	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Outer_Full	8.564	9.560	PASS
N77-3700-3980	30	10	CP-QPSK	H	Outer_Full	8.589	9.600	PASS
N77-3700-3980	30	10	CP-16QAM	H	Outer_Full	8.599	9.840	PASS
N77-3700-3980	30	10	CP-64QAM	H	Outer_Full	8.604	9.760	PASS
N77-3700-3980	30	10	CP-256QAM	H	Outer_Full	8.571	9.460	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	12.905	14.250	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Outer_Full	12.865	14.250	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Outer_Full	12.825	13.920	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Outer_Full	12.889	13.740	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Outer_Full	12.852	13.740	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.: SEWM2304000122RG02

Rev.: 01

Page: 53 of 307

N77-3700-3980	30	15	CP-QPSK	L	Outer_Full	13.611	15.030	PASS
N77-3700-3980	30	15	CP-16QAM	L	Outer_Full	13.597	14.760	PASS
N77-3700-3980	30	15	CP-64QAM	L	Outer_Full	13.579	14.640	PASS
N77-3700-3980	30	15	CP-256QAM	L	Outer_Full	13.551	14.700	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	12.875	14.160	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	12.848	14.130	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	12.800	14.250	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	12.868	14.340	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	12.866	14.070	PASS
N77-3700-3980	30	15	CP-QPSK	M	Outer_Full	13.579	14.580	PASS
N77-3700-3980	30	15	CP-16QAM	M	Outer_Full	13.560	14.670	PASS
N77-3700-3980	30	15	CP-64QAM	M	Outer_Full	13.659	15.210	PASS
N77-3700-3980	30	15	CP-256QAM	M	Outer_Full	13.579	14.310	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	12.857	13.620	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Outer_Full	12.84	14.070	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Outer_Full	12.866	14.310	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Outer_Full	12.874	14.250	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Outer_Full	12.861	14.340	PASS
N77-3700-3980	30	15	CP-QPSK	H	Outer_Full	13.532	14.730	PASS
N77-3700-3980	30	15	CP-16QAM	H	Outer_Full	13.589	14.850	PASS
N77-3700-3980	30	15	CP-64QAM	H	Outer_Full	13.552	14.820	PASS
N77-3700-3980	30	15	CP-256QAM	H	Outer_Full	13.605	15.090	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	17.775	18.840	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Outer_Full	17.753	18.880	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Outer_Full	17.788	18.840	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Outer_Full	17.778	18.960	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Outer_Full	17.852	18.960	PASS
N77-3700-3980	30	20	CP-QPSK	L	Outer_Full	18.183	19.280	PASS
N77-3700-3980	30	20	CP-16QAM	L	Outer_Full	18.239	19.800	PASS
N77-3700-3980	30	20	CP-64QAM	L	Outer_Full	18.215	19.520	PASS
N77-3700-3980	30	20	CP-256QAM	L	Outer_Full	18.164	19.480	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	17.660	18.920	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	17.817	19.160	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	17.770	18.800	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	17.842	19.200	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	17.833	19.000	PASS
N77-3700-3980	30	20	CP-QPSK	M	Outer_Full	18.153	19.320	PASS
N77-3700-3980	30	20	CP-16QAM	M	Outer_Full	18.191	19.360	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.: SEWM2304000122RG02

Rev.: 01

Page: 54 of 307

N77-3700-3980	30	20	CP-64QAM	M	Outer_Full	18.248	19.720	PASS
N77-3700-3980	30	20	CP-256QAM	M	Outer_Full	18.242	19.360	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	17.876	18.840	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Outer_Full	17.851	19.080	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Outer_Full	17.804	19.120	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Outer_Full	17.820	18.680	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Outer_Full	17.856	18.920	PASS
N77-3700-3980	30	20	CP-QPSK	H	Outer_Full	18.206	19.440	PASS
N77-3700-3980	30	20	CP-16QAM	H	Outer_Full	18.190	19.520	PASS
N77-3700-3980	30	20	CP-64QAM	H	Outer_Full	18.248	19.280	PASS
N77-3700-3980	30	20	CP-256QAM	H	Outer_Full	18.214	19.320	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Outer_Full	26.886	28.380	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	L	Outer_Full	26.744	28.140	PASS
N77-3700-3980	30	30	DFT-16QAM	L	Outer_Full	26.795	28.380	PASS
N77-3700-3980	30	30	DFT-64QAM	L	Outer_Full	26.809	28.380	PASS
N77-3700-3980	30	30	DFT-256QAM	L	Outer_Full	26.784	28.380	PASS
N77-3700-3980	30	30	CP-QPSK	L	Outer_Full	27.859	29.700	PASS
N77-3700-3980	30	30	CP-16QAM	L	Outer_Full	27.782	29.220	PASS
N77-3700-3980	30	30	CP-64QAM	L	Outer_Full	27.833	29.400	PASS
N77-3700-3980	30	30	CP-256QAM	L	Outer_Full	27.852	28.980	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	26.857	28.440	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	M	Outer_Full	26.710	28.020	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Outer_Full	26.770	27.780	PASS
N77-3700-3980	30	30	DFT-64QAM	M	Outer_Full	26.747	28.140	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Outer_Full	26.842	28.020	PASS
N77-3700-3980	30	30	CP-QPSK	M	Outer_Full	27.809	29.220	PASS
N77-3700-3980	30	30	CP-16QAM	M	Outer_Full	27.893	29.160	PASS
N77-3700-3980	30	30	CP-64QAM	M	Outer_Full	27.843	29.280	PASS
N77-3700-3980	30	30	CP-256QAM	M	Outer_Full	27.798	29.220	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Outer_Full	26.826	28.500	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	H	Outer_Full	26.774	28.200	PASS
N77-3700-3980	30	30	DFT-16QAM	H	Outer_Full	26.665	28.380	PASS
N77-3700-3980	30	30	DFT-64QAM	H	Outer_Full	26.756	28.620	PASS
N77-3700-3980	30	30	DFT-256QAM	H	Outer_Full	26.788	28.320	PASS
N77-3700-3980	30	30	CP-QPSK	H	Outer_Full	27.806	29.460	PASS
N77-3700-3980	30	30	CP-16QAM	H	Outer_Full	27.85	29.040	PASS
N77-3700-3980	30	30	CP-64QAM	H	Outer_Full	27.794	29.100	PASS
N77-3700-3980	30	30	CP-256QAM	H	Outer_Full	27.825	29.280	PASS



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

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

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

Report No.: SEWM2304000122RG02

Rev.: 01

Page: 55 of 307

N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	35.818	37.680	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Outer_Full	35.776	37.840	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Outer_Full	35.643	37.280	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Outer_Full	35.791	37.760	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Outer_Full	35.765	37.200	PASS
N77-3700-3980	30	40	CP-QPSK	L	Outer_Full	37.912	39.680	PASS
N77-3700-3980	30	40	CP-16QAM	L	Outer_Full	37.895	39.360	PASS
N77-3700-3980	30	40	CP-64QAM	L	Outer_Full	37.849	39.840	PASS
N77-3700-3980	30	40	CP-256QAM	L	Outer_Full	37.853	39.680	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	35.718	37.840	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	35.824	37.280	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	35.847	38.080	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Outer_Full	35.834	37.360	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	35.784	37.440	PASS
N77-3700-3980	30	40	CP-QPSK	M	Outer_Full	37.813	39.840	PASS
N77-3700-3980	30	40	CP-16QAM	M	Outer_Full	37.803	39.520	PASS
N77-3700-3980	30	40	CP-64QAM	M	Outer_Full	37.826	39.600	PASS
N77-3700-3980	30	40	CP-256QAM	M	Outer_Full	37.710	39.440	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Outer_Full	35.792	37.680	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Outer_Full	35.784	37.920	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Outer_Full	35.662	37.600	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Outer_Full	35.729	37.760	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Outer_Full	35.616	37.680	PASS
N77-3700-3980	30	40	CP-QPSK	H	Outer_Full	37.742	39.840	PASS
N77-3700-3980	30	40	CP-16QAM	H	Outer_Full	37.823	39.760	PASS
N77-3700-3980	30	40	CP-64QAM	H	Outer_Full	37.892	39.840	PASS
N77-3700-3980	30	40	CP-256QAM	H	Outer_Full	37.692	40.160	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Outer_Full	45.778	48.000	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Outer_Full	45.567	47.500	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Outer_Full	45.628	47.400	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Outer_Full	45.669	47.700	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Outer_Full	45.651	48.100	PASS
N77-3700-3980	30	50	CP-QPSK	L	Outer_Full	47.326	49.600	PASS
N77-3700-3980	30	50	CP-16QAM	L	Outer_Full	47.468	49.300	PASS
N77-3700-3980	30	50	CP-64QAM	L	Outer_Full	47.472	50.000	PASS
N77-3700-3980	30	50	CP-256QAM	L	Outer_Full	47.286	49.200	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	45.668	47.900	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	45.741	47.400	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号厂房南楼 邮编: 215000

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

Report No.: SEWM2304000122RG02

Rev.: 01

Page: 56 of 307

N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	45.588	47.400	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	45.591	47.500	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	45.772	47.400	PASS
N77-3700-3980	30	50	CP-QPSK	M	Outer_Full	47.429	49.300	PASS
N77-3700-3980	30	50	CP-16QAM	M	Outer_Full	47.375	49.400	PASS
N77-3700-3980	30	50	CP-64QAM	M	Outer_Full	47.529	49.600	PASS
N77-3700-3980	30	50	CP-256QAM	M	Outer_Full	47.381	49.200	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Outer_Full	45.751	47.900	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Outer_Full	45.652	47.500	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Outer_Full	45.677	47.400	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Outer_Full	45.645	48.100	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Outer_Full	45.762	47.500	PASS
N77-3700-3980	30	50	CP-QPSK	H	Outer_Full	47.473	49.000	PASS
N77-3700-3980	30	50	CP-16QAM	H	Outer_Full	47.484	49.600	PASS
N77-3700-3980	30	50	CP-64QAM	H	Outer_Full	47.345	49.900	PASS
N77-3700-3980	30	50	CP-256QAM	H	Outer_Full	47.494	49.400	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Outer_Full	57.736	59.880	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Outer_Full	57.711	59.640	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Outer_Full	57.848	59.880	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Outer_Full	57.775	60.120	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Outer_Full	57.802	60.120	PASS
N77-3700-3980	30	60	CP-QPSK	L	Outer_Full	57.576	59.880	PASS
N77-3700-3980	30	60	CP-16QAM	L	Outer_Full	57.956	60.240	PASS
N77-3700-3980	30	60	CP-64QAM	L	Outer_Full	57.727	59.880	PASS
N77-3700-3980	30	60	CP-256QAM	L	Outer_Full	57.530	59.640	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	57.836	59.880	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	57.792	59.520	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	57.599	59.760	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	58.009	60.000	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	58.033	60.240	PASS
N77-3700-3980	30	60	CP-QPSK	M	Outer_Full	57.755	60.120	PASS
N77-3700-3980	30	60	CP-16QAM	M	Outer_Full	57.692	59.760	PASS
N77-3700-3980	30	60	CP-64QAM	M	Outer_Full	57.489	59.640	PASS
N77-3700-3980	30	60	CP-256QAM	M	Outer_Full	57.863	60.000	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Outer_Full	57.938	59.880	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Outer_Full	57.985	60.120	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Outer_Full	57.925	60.240	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Outer_Full	57.943	60.000	PASS



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

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

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

Report No.: SEWM2304000122RG02

Rev.: 01

Page: 57 of 307

N77-3700-3980	30	60	DFT-256QAM	H	Outer_Full	57.883	59.880	PASS
N77-3700-3980	30	60	CP-QPSK	H	Outer_Full	57.705	60.240	PASS
N77-3700-3980	30	60	CP-16QAM	H	Outer_Full	57.860	60.120	PASS
N77-3700-3980	30	60	CP-64QAM	H	Outer_Full	57.677	59.760	PASS
N77-3700-3980	30	60	CP-256QAM	H	Outer_Full	57.615	59.880	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Outer_Full	64.288	66.220	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Outer_Full	64.186	66.220	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Outer_Full	64.386	66.360	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Outer_Full	64.220	66.500	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Outer_Full	64.365	66.220	PASS
N77-3700-3980	30	70	CP-QPSK	L	Outer_Full	67.374	69.720	PASS
N77-3700-3980	30	70	CP-16QAM	L	Outer_Full	67.341	69.580	PASS
N77-3700-3980	30	70	CP-64QAM	L	Outer_Full	67.319	69.720	PASS
N77-3700-3980	30	70	CP-256QAM	L	Outer_Full	67.518	69.720	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	64.179	66.220	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Outer_Full	64.144	66.220	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Outer_Full	64.143	66.220	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Outer_Full	64.324	66.640	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Outer_Full	64.272	66.360	PASS
N77-3700-3980	30	70	CP-QPSK	M	Outer_Full	66.922	69.160	PASS
N77-3700-3980	30	70	CP-16QAM	M	Outer_Full	67.421	69.580	PASS
N77-3700-3980	30	70	CP-64QAM	M	Outer_Full	67.457	69.720	PASS
N77-3700-3980	30	70	CP-256QAM	M	Outer_Full	67.330	69.440	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Outer_Full	64.297	66.360	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Outer_Full	64.127	66.360	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Outer_Full	64.110	66.220	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Outer_Full	64.424	66.220	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Outer_Full	64.391	66.500	PASS
N77-3700-3980	30	70	CP-QPSK	H	Outer_Full	67.322	69.860	PASS
N77-3700-3980	30	70	CP-16QAM	H	Outer_Full	67.355	69.720	PASS
N77-3700-3980	30	70	CP-64QAM	H	Outer_Full	67.540	69.440	PASS
N77-3700-3980	30	70	CP-256QAM	H	Outer_Full	67.331	69.720	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Outer_Full	77.195	80.320	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Outer_Full	77.200	80.640	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Outer_Full	77.359	80.480	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Outer_Full	77.063	80.480	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Outer_Full	77.243	80.320	PASS
N77-3700-3980	30	80	CP-QPSK	L	Outer_Full	77.325	80.640	PASS



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

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

South of No. 6 Plant, No. 1, 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.: SEWM2304000122RG02

Rev.: 01

Page: 58 of 307

N77-3700-3980	30	80	CP-16QAM	L	Outer_Full	77.502	80.480	PASS
N77-3700-3980	30	80	CP-64QAM	L	Outer_Full	77.415	80.640	PASS
N77-3700-3980	30	80	CP-256QAM	L	Outer_Full	77.399	80.800	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	77.059	80.320	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Outer_Full	77.234	80.480	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	77.027	80.320	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	76.984	80.320	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	76.972	80.320	PASS
N77-3700-3980	30	80	CP-QPSK	M	Outer_Full	77.408	80.640	PASS
N77-3700-3980	30	80	CP-16QAM	M	Outer_Full	77.311	80.800	PASS
N77-3700-3980	30	80	CP-64QAM	M	Outer_Full	77.426	80.960	PASS
N77-3700-3980	30	80	CP-256QAM	M	Outer_Full	77.469	80.480	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Outer_Full	77.203	80.320	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Outer_Full	77.301	80.320	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Outer_Full	77.147	80.320	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Outer_Full	77.104	80.160	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Outer_Full	77.042	80.320	PASS
N77-3700-3980	30	80	CP-QPSK	H	Outer_Full	77.504	80.640	PASS
N77-3700-3980	30	80	CP-16QAM	H	Outer_Full	77.560	80.640	PASS
N77-3700-3980	30	80	CP-64QAM	H	Outer_Full	77.522	80.640	PASS
N77-3700-3980	30	80	CP-256QAM	H	Outer_Full	77.518	80.800	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Outer_Full	85.747	88.920	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Outer_Full	85.634	88.920	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Outer_Full	85.670	88.740	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Outer_Full	85.821	88.920	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Outer_Full	85.856	89.100	PASS
N77-3700-3980	30	90	CP-QPSK	L	Outer_Full	87.557	91.260	PASS
N77-3700-3980	30	90	CP-16QAM	L	Outer_Full	87.461	90.720	PASS
N77-3700-3980	30	90	CP-64QAM	L	Outer_Full	87.545	90.900	PASS
N77-3700-3980	30	90	CP-256QAM	L	Outer_Full	87.422	90.900	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	85.425	88.920	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	85.678	88.920	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	85.607	89.100	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Outer_Full	85.713	88.920	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Outer_Full	85.645	88.920	PASS
N77-3700-3980	30	90	CP-QPSK	M	Outer_Full	87.184	90.720	PASS
N77-3700-3980	30	90	CP-16QAM	M	Outer_Full	87.306	90.900	PASS
N77-3700-3980	30	90	CP-64QAM	M	Outer_Full	87.299	90.720	PASS



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

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

South of No. 6 Plant, No. 1, 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.: SEWM2304000122RG02

Rev.: 01

Page: 59 of 307

N77-3700-3980	30	90	CP-256QAM	M	Outer_Full	87.313	90.720	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Outer_Full	85.820	89.100	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Outer_Full	85.524	88.920	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Outer_Full	85.563	89.100	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Outer_Full	85.589	88.920	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Outer_Full	85.609	88.920	PASS
N77-3700-3980	30	90	CP-QPSK	H	Outer_Full	87.552	90.720	PASS
N77-3700-3980	30	90	CP-16QAM	H	Outer_Full	87.566	91.080	PASS
N77-3700-3980	30	90	CP-64QAM	H	Outer_Full	87.548	90.900	PASS
N77-3700-3980	30	90	CP-256QAM	H	Outer_Full	87.426	90.900	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	96.336	99.800	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Outer_Full	96.448	99.800	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Outer_Full	96.192	99.600	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Outer_Full	96.218	99.600	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	96.269	99.800	PASS
N77-3700-3980	30	100	CP-QPSK	L	Outer_Full	97.654	101.000	PASS
N77-3700-3980	30	100	CP-16QAM	L	Outer_Full	97.391	101.000	PASS
N77-3700-3980	30	100	CP-64QAM	L	Outer_Full	97.270	100.600	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	97.428	101.000	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	96.201	100.000	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	95.908	99.600	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	96.266	99.800	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	96.054	100.000	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	96.436	100.000	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	97.249	100.800	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	96.989	100.800	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	97.355	100.600	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	97.258	101.000	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	96.293	99.800	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	96.350	99.800	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	96.454	99.800	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	96.412	99.600	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	96.360	99.800	PASS
N77-3700-3980	30	100	CP-QPSK	H	Outer_Full	97.468	101.000	PASS
N77-3700-3980	30	100	CP-16QAM	H	Outer_Full	97.474	100.800	PASS
N77-3700-3980	30	100	CP-64QAM	H	Outer_Full	97.514	101.000	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	97.551	100.800	PASS



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

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

South of No. 6 Plant, No. 1, 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.: SEWM2304000122RG02

Rev.: 01

Page: 60 of 307

Test Result for MIMO

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N77-3700-3980	30	10	DFT-QPSK	L	Outer_Full	8.593	9.280	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Outer_Full	8.611	9.620	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Outer_Full	8.598	9.340	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Outer_Full	8.571	9.420	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Outer_Full	8.562	9.640	PASS
N77-3700-3980	30	10	CP-QPSK	L	Outer_Full	8.577	9.760	PASS
N77-3700-3980	30	10	CP-16QAM	L	Outer_Full	8.587	9.680	PASS
N77-3700-3980	30	10	CP-64QAM	L	Outer_Full	8.583	9.460	PASS
N77-3700-3980	30	10	CP-256QAM	L	Outer_Full	8.602	9.420	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	8.588	9.820	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	8.574	9.600	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	8.596	9.480	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	8.613	9.660	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	8.603	9.500	PASS
N77-3700-3980	30	10	CP-QPSK	M	Outer_Full	8.597	9.920	PASS
N77-3700-3980	30	10	CP-16QAM	M	Outer_Full	8.586	9.720	PASS
N77-3700-3980	30	10	CP-64QAM	M	Outer_Full	8.588	9.640	PASS
N77-3700-3980	30	10	CP-256QAM	M	Outer_Full	8.594	9.680	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	8.639	9.500	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Outer_Full	8.608	9.560	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Outer_Full	8.588	9.360	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Outer_Full	8.567	9.820	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Outer_Full	8.586	9.820	PASS
N77-3700-3980	30	10	CP-QPSK	H	Outer_Full	8.581	9.480	PASS
N77-3700-3980	30	10	CP-16QAM	H	Outer_Full	8.583	9.900	PASS
N77-3700-3980	30	10	CP-64QAM	H	Outer_Full	8.601	9.380	PASS
N77-3700-3980	30	10	CP-256QAM	H	Outer_Full	8.564	9.340	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	12.842	13.890	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Outer_Full	12.819	14.160	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Outer_Full	12.913	14.100	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Outer_Full	12.863	13.980	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Outer_Full	12.853	13.740	PASS
N77-3700-3980	30	15	CP-QPSK	L	Outer_Full	13.552	14.970	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/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号厂房南部 邮编: 215000

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

Report No.: SEWM2304000122RG02

Rev.: 01

Page: 61 of 307

N77-3700-3980	30	15	CP-16QAM	L	Outer_Full	13.585	14.700	PASS
N77-3700-3980	30	15	CP-64QAM	L	Outer_Full	13.535	14.490	PASS
N77-3700-3980	30	15	CP-256QAM	L	Outer_Full	13.610	14.490	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	12.844	14.220	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	12.827	14.040	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	12.891	13.950	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	12.867	14.310	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	12.769	14.010	PASS
N77-3700-3980	30	15	CP-QPSK	M	Outer_Full	13.575	14.760	PASS
N77-3700-3980	30	15	CP-16QAM	M	Outer_Full	13.577	14.610	PASS
N77-3700-3980	30	15	CP-64QAM	M	Outer_Full	13.593	14.520	PASS
N77-3700-3980	30	15	CP-256QAM	M	Outer_Full	13.572	15.000	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	12.844	13.920	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Outer_Full	12.868	14.310	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Outer_Full	12.837	14.160	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Outer_Full	12.886	14.160	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Outer_Full	12.825	13.800	PASS
N77-3700-3980	30	15	CP-QPSK	H	Outer_Full	13.583	14.910	PASS
N77-3700-3980	30	15	CP-16QAM	H	Outer_Full	13.627	14.820	PASS
N77-3700-3980	30	15	CP-64QAM	H	Outer_Full	13.555	14.550	PASS
N77-3700-3980	30	15	CP-256QAM	H	Outer_Full	13.653	14.670	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	17.832	18.800	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Outer_Full	17.796	19.000	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Outer_Full	17.811	19.000	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Outer_Full	17.887	18.960	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Outer_Full	17.770	19.000	PASS
N77-3700-3980	30	20	CP-QPSK	L	Outer_Full	18.221	19.480	PASS
N77-3700-3980	30	20	CP-16QAM	L	Outer_Full	18.239	19.280	PASS
N77-3700-3980	30	20	CP-64QAM	L	Outer_Full	18.224	19.720	PASS
N77-3700-3980	30	20	CP-256QAM	L	Outer_Full	18.213	19.280	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	17.774	18.920	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	17.782	18.920	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	17.971	19.480	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	17.794	19.200	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	17.834	19.120	PASS
N77-3700-3980	30	20	CP-QPSK	M	Outer_Full	18.216	19.560	PASS
N77-3700-3980	30	20	CP-16QAM	M	Outer_Full	18.190	19.040	PASS
N77-3700-3980	30	20	CP-64QAM	M	Outer_Full	18.214	19.480	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.: SEWM2304000122RG02

Rev.: 01

Page: 62 of 307

N77-3700-3980	30	20	CP-256QAM	M	Outer_Full	18.209	19.360	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	17.719	19.280	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Outer_Full	17.780	19.000	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Outer_Full	17.837	19.160	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Outer_Full	17.881	18.720	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Outer_Full	17.747	19.000	PASS
N77-3700-3980	30	20	CP-QPSK	H	Outer_Full	18.153	19.360	PASS
N77-3700-3980	30	20	CP-16QAM	H	Outer_Full	18.223	19.520	PASS
N77-3700-3980	30	20	CP-64QAM	H	Outer_Full	18.165	19.520	PASS
N77-3700-3980	30	20	CP-256QAM	H	Outer_Full	18.178	19.360	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Outer_Full	26.768	28.140	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	L	Outer_Full	26.759	28.080	PASS
N77-3700-3980	30	30	DFT-16QAM	L	Outer_Full	26.781	28.140	PASS
N77-3700-3980	30	30	DFT-64QAM	L	Outer_Full	26.686	28.560	PASS
N77-3700-3980	30	30	DFT-256QAM	L	Outer_Full	26.746	27.840	PASS
N77-3700-3980	30	30	CP-QPSK	L	Outer_Full	27.797	29.580	PASS
N77-3700-3980	30	30	CP-16QAM	L	Outer_Full	27.825	29.640	PASS
N77-3700-3980	30	30	CP-64QAM	L	Outer_Full	27.834	29.100	PASS
N77-3700-3980	30	30	CP-256QAM	L	Outer_Full	27.881	29.220	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	26.743	28.560	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	M	Outer_Full	26.831	28.140	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Outer_Full	26.833	28.500	PASS
N77-3700-3980	30	30	DFT-64QAM	M	Outer_Full	26.759	28.500	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Outer_Full	26.816	28.380	PASS
N77-3700-3980	30	30	CP-QPSK	M	Outer_Full	27.831	29.280	PASS
N77-3700-3980	30	30	CP-16QAM	M	Outer_Full	27.752	29.400	PASS
N77-3700-3980	30	30	CP-64QAM	M	Outer_Full	27.854	29.400	PASS
N77-3700-3980	30	30	CP-256QAM	M	Outer_Full	27.880	29.100	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Outer_Full	26.812	28.440	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	H	Outer_Full	26.784	28.140	PASS
N77-3700-3980	30	30	DFT-16QAM	H	Outer_Full	26.808	28.080	PASS
N77-3700-3980	30	30	DFT-64QAM	H	Outer_Full	26.727	28.440	PASS
N77-3700-3980	30	30	DFT-256QAM	H	Outer_Full	26.705	28.080	PASS
N77-3700-3980	30	30	CP-QPSK	H	Outer_Full	27.820	29.340	PASS
N77-3700-3980	30	30	CP-16QAM	H	Outer_Full	27.881	29.280	PASS
N77-3700-3980	30	30	CP-64QAM	H	Outer_Full	27.811	28.860	PASS
N77-3700-3980	30	30	CP-256QAM	H	Outer_Full	27.827	29.220	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	35.698	37.920	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.: SEWM2304000122RG02

Rev.: 01

Page: 63 of 307

N77-3700-3980	30	40	DFT-PI2BPSK	L	Outer_Full	35.737	37.200	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Outer_Full	35.793	37.600	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Outer_Full	35.711	37.760	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Outer_Full	35.752	37.680	PASS
N77-3700-3980	30	40	CP-QPSK	L	Outer_Full	37.831	39.840	PASS
N77-3700-3980	30	40	CP-16QAM	L	Outer_Full	37.757	39.520	PASS
N77-3700-3980	30	40	CP-64QAM	L	Outer_Full	37.720	39.600	PASS
N77-3700-3980	30	40	CP-256QAM	L	Outer_Full	37.682	39.760	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	35.598	37.600	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	35.737	37.440	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	35.819	37.920	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Outer_Full	35.749	37.440	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	35.762	37.680	PASS
N77-3700-3980	30	40	CP-QPSK	M	Outer_Full	37.758	39.840	PASS
N77-3700-3980	30	40	CP-16QAM	M	Outer_Full	37.736	40.000	PASS
N77-3700-3980	30	40	CP-64QAM	M	Outer_Full	37.716	39.680	PASS
N77-3700-3980	30	40	CP-256QAM	M	Outer_Full	37.738	39.680	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Outer_Full	35.697	37.840	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Outer_Full	35.683	37.920	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Outer_Full	35.722	37.840	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Outer_Full	35.818	37.920	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Outer_Full	35.694	37.760	PASS
N77-3700-3980	30	40	CP-QPSK	H	Outer_Full	37.835	39.440	PASS
N77-3700-3980	30	40	CP-16QAM	H	Outer_Full	37.826	39.680	PASS
N77-3700-3980	30	40	CP-64QAM	H	Outer_Full	37.699	39.440	PASS
N77-3700-3980	30	40	CP-256QAM	H	Outer_Full	37.830	39.680	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Outer_Full	45.608	47.700	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Outer_Full	45.645	47.600	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Outer_Full	45.619	47.500	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Outer_Full	45.630	47.500	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Outer_Full	45.630	47.300	PASS
N77-3700-3980	30	50	CP-QPSK	L	Outer_Full	47.448	49.400	PASS
N77-3700-3980	30	50	CP-16QAM	L	Outer_Full	47.397	49.400	PASS
N77-3700-3980	30	50	CP-64QAM	L	Outer_Full	47.460	49.400	PASS
N77-3700-3980	30	50	CP-256QAM	L	Outer_Full	47.513	49.200	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	45.586	47.600	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	45.704	47.700	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	45.748	47.500	PASS



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

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

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

Report No.: SEWM2304000122RG02

Rev.: 01

Page: 64 of 307

N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	45.818	47.500	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	45.723	47.700	PASS
N77-3700-3980	30	50	CP-QPSK	M	Outer_Full	47.356	49.900	PASS
N77-3700-3980	30	50	CP-16QAM	M	Outer_Full	47.515	49.700	PASS
N77-3700-3980	30	50	CP-64QAM	M	Outer_Full	47.486	49.300	PASS
N77-3700-3980	30	50	CP-256QAM	M	Outer_Full	47.492	49.400	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Outer_Full	45.692	48.000	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Outer_Full	45.592	47.700	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Outer_Full	45.630	47.400	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Outer_Full	45.522	48.000	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Outer_Full	45.574	47.300	PASS
N77-3700-3980	30	50	CP-QPSK	H	Outer_Full	47.421	49.800	PASS
N77-3700-3980	30	50	CP-16QAM	H	Outer_Full	47.356	49.900	PASS
N77-3700-3980	30	50	CP-64QAM	H	Outer_Full	47.324	49.500	PASS
N77-3700-3980	30	50	CP-256QAM	H	Outer_Full	47.415	49.600	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Outer_Full	57.674	60.000	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Outer_Full	57.910	59.760	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Outer_Full	57.896	59.640	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Outer_Full	57.754	59.880	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Outer_Full	57.726	60.000	PASS
N77-3700-3980	30	60	CP-QPSK	L	Outer_Full	57.793	60.120	PASS
N77-3700-3980	30	60	CP-16QAM	L	Outer_Full	57.620	59.880	PASS
N77-3700-3980	30	60	CP-64QAM	L	Outer_Full	57.812	60.120	PASS
N77-3700-3980	30	60	CP-256QAM	L	Outer_Full	57.668	59.760	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	57.699	60.120	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	57.856	60.000	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	57.977	59.880	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	57.955	59.760	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	57.673	59.640	PASS
N77-3700-3980	30	60	CP-QPSK	M	Outer_Full	57.556	60.000	PASS
N77-3700-3980	30	60	CP-16QAM	M	Outer_Full	57.695	59.760	PASS
N77-3700-3980	30	60	CP-64QAM	M	Outer_Full	57.719	59.880	PASS
N77-3700-3980	30	60	CP-256QAM	M	Outer_Full	57.669	59.880	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Outer_Full	57.824	59.880	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Outer_Full	57.817	59.760	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Outer_Full	57.937	60.000	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Outer_Full	57.649	59.640	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Outer_Full	57.863	60.120	PASS



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

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

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



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 65 of 307

N77-3700-3980	30	60	CP-QPSK	H	Outer_Full	57.806	59.760	PASS
N77-3700-3980	30	60	CP-16QAM	H	Outer_Full	57.677	59.520	PASS
N77-3700-3980	30	60	CP-64QAM	H	Outer_Full	57.834	60.000	PASS
N77-3700-3980	30	60	CP-256QAM	H	Outer_Full	57.573	60.120	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Outer_Full	64.181	66.080	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Outer_Full	64.319	66.640	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Outer_Full	64.121	66.220	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Outer_Full	64.216	66.220	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Outer_Full	64.300	66.780	PASS
N77-3700-3980	30	70	CP-QPSK	L	Outer_Full	67.404	70.000	PASS
N77-3700-3980	30	70	CP-16QAM	L	Outer_Full	67.365	69.860	PASS
N77-3700-3980	30	70	CP-64QAM	L	Outer_Full	67.384	69.440	PASS
N77-3700-3980	30	70	CP-256QAM	L	Outer_Full	67.289	69.720	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	64.295	66.220	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Outer_Full	64.188	66.360	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Outer_Full	64.410	66.220	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Outer_Full	64.333	66.500	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Outer_Full	64.297	66.220	PASS
N77-3700-3980	30	70	CP-QPSK	M	Outer_Full	67.415	69.440	PASS
N77-3700-3980	30	70	CP-16QAM	M	Outer_Full	67.303	69.860	PASS
N77-3700-3980	30	70	CP-64QAM	M	Outer_Full	67.489	69.720	PASS
N77-3700-3980	30	70	CP-256QAM	M	Outer_Full	67.476	69.580	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Outer_Full	64.317	66.920	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Outer_Full	64.148	66.360	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Outer_Full	63.949	66.220	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Outer_Full	64.324	66.640	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Outer_Full	64.259	66.500	PASS
N77-3700-3980	30	70	CP-QPSK	H	Outer_Full	67.515	69.720	PASS
N77-3700-3980	30	70	CP-16QAM	H	Outer_Full	67.324	69.580	PASS
N77-3700-3980	30	70	CP-64QAM	H	Outer_Full	67.388	69.580	PASS
N77-3700-3980	30	70	CP-256QAM	H	Outer_Full	67.476	69.860	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Outer_Full	77.125	80.320	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Outer_Full	77.081	80.480	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Outer_Full	77.111	80.320	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Outer_Full	76.907	80.320	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Outer_Full	77.181	80.160	PASS
N77-3700-3980	30	80	CP-QPSK	L	Outer_Full	77.481	80.480	PASS
N77-3700-3980	30	80	CP-16QAM	L	Outer_Full	77.692	80.640	PASS



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

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

South of No. 6 Plant, No. 1, 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.: SEWM2304000122RG02

Rev.: 01

Page: 66 of 307

N77-3700-3980	30	80	CP-64QAM	L	Outer_Full	77.158	80.480	PASS
N77-3700-3980	30	80	CP-256QAM	L	Outer_Full	77.457	80.640	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	76.923	80.640	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Outer_Full	77.212	80.480	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	76.987	80.320	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	77.173	80.640	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	77.116	80.160	PASS
N77-3700-3980	30	80	CP-QPSK	M	Outer_Full	77.606	80.640	PASS
N77-3700-3980	30	80	CP-16QAM	M	Outer_Full	77.412	80.800	PASS
N77-3700-3980	30	80	CP-64QAM	M	Outer_Full	77.658	80.480	PASS
N77-3700-3980	30	80	CP-256QAM	M	Outer_Full	77.302	80.480	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Outer_Full	76.989	80.320	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Outer_Full	77.189	80.320	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Outer_Full	77.353	80.000	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Outer_Full	76.853	80.160	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Outer_Full	77.017	80.320	PASS
N77-3700-3980	30	80	CP-QPSK	H	Outer_Full	77.359	80.800	PASS
N77-3700-3980	30	80	CP-16QAM	H	Outer_Full	77.521	80.800	PASS
N77-3700-3980	30	80	CP-64QAM	H	Outer_Full	77.469	80.800	PASS
N77-3700-3980	30	80	CP-256QAM	H	Outer_Full	77.246	80.480	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Outer_Full	85.393	89.100	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Outer_Full	85.704	89.460	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Outer_Full	85.788	88.920	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Outer_Full	85.722	88.920	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Outer_Full	85.515	88.920	PASS
N77-3700-3980	30	90	CP-QPSK	L	Outer_Full	87.334	90.540	PASS
N77-3700-3980	30	90	CP-16QAM	L	Outer_Full	87.385	90.900	PASS
N77-3700-3980	30	90	CP-64QAM	L	Outer_Full	87.383	90.720	PASS
N77-3700-3980	30	90	CP-256QAM	L	Outer_Full	87.234	90.720	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	85.758	88.920	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	85.648	88.920	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	85.698	88.920	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Outer_Full	85.403	89.100	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Outer_Full	85.755	89.460	PASS
N77-3700-3980	30	90	CP-QPSK	M	Outer_Full	87.629	90.900	PASS
N77-3700-3980	30	90	CP-16QAM	M	Outer_Full	87.467	90.720	PASS
N77-3700-3980	30	90	CP-64QAM	M	Outer_Full	87.400	91.260	PASS
N77-3700-3980	30	90	CP-256QAM	M	Outer_Full	87.475	90.720	PASS



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

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

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

Report No.: SEWM2304000122RG02

Rev.: 01

Page: 67 of 307

N77-3700-3980	30	90	DFT-QPSK	H	Outer_Full	85.586	89.280	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Outer_Full	85.581	88.920	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Outer_Full	85.536	88.920	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Outer_Full	85.345	88.920	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Outer_Full	85.722	88.920	PASS
N77-3700-3980	30	90	CP-QPSK	H	Outer_Full	87.387	90.900	PASS
N77-3700-3980	30	90	CP-16QAM	H	Outer_Full	87.277	90.720	PASS
N77-3700-3980	30	90	CP-64QAM	H	Outer_Full	87.074	90.900	PASS
N77-3700-3980	30	90	CP-256QAM	H	Outer_Full	87.398	90.720	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	96.071	99.800	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Outer_Full	96.397	99.600	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Outer_Full	96.343	99.600	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Outer_Full	96.382	99.800	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	96.351	99.800	PASS
N77-3700-3980	30	100	CP-QPSK	L	Outer_Full	97.309	101.000	PASS
N77-3700-3980	30	100	CP-16QAM	L	Outer_Full	97.263	100.800	PASS
N77-3700-3980	30	100	CP-64QAM	L	Outer_Full	97.211	100.600	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	97.369	101.000	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	96.454	99.600	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	96.302	100.000	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	96.331	99.800	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	96.283	99.800	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	96.372	99.800	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	97.480	100.800	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	97.692	100.800	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	97.490	100.800	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	97.429	101.000	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	96.195	99.800	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	96.313	99.800	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	96.198	99.800	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	96.332	99.800	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	95.954	99.800	PASS
N77-3700-3980	30	100	CP-QPSK	H	Outer_Full	97.117	100.800	PASS
N77-3700-3980	30	100	CP-16QAM	H	Outer_Full	97.112	101.000	PASS
N77-3700-3980	30	100	CP-64QAM	H	Outer_Full	97.219	101.000	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	97.279	100.800	PASS



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

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

South of No. 6 Plant, No. 1, 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

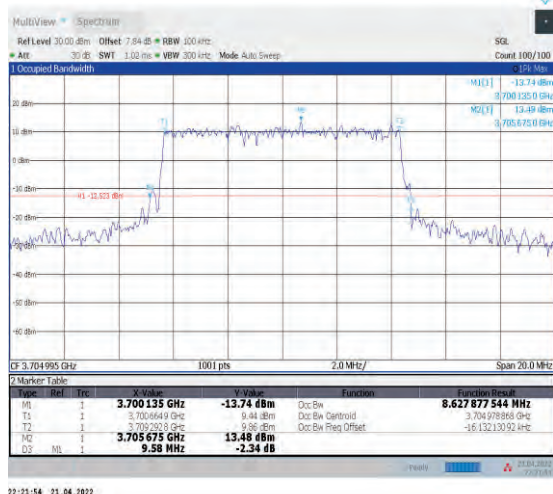
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2304000122RG02

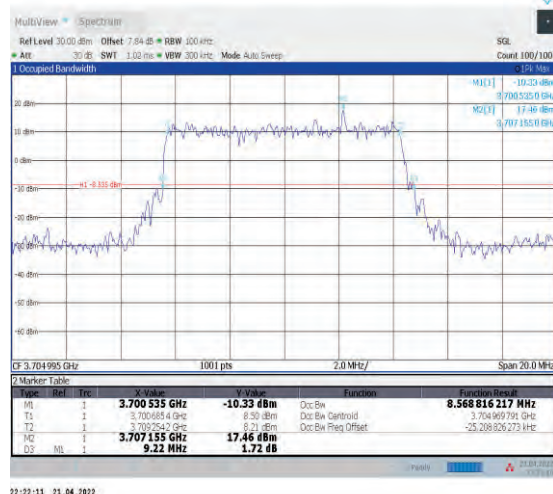
Rev.: 01

Page: 68 of 307

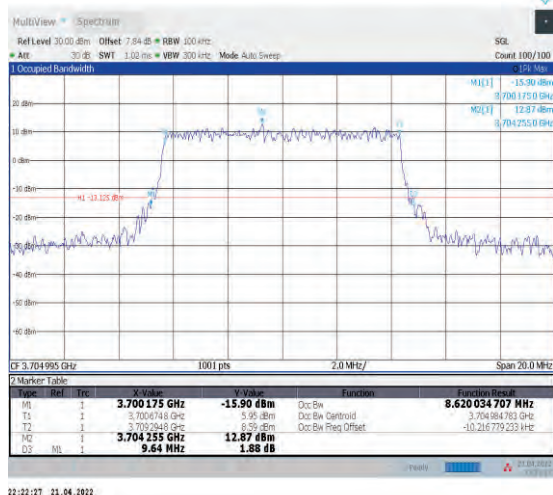
Test Graphs



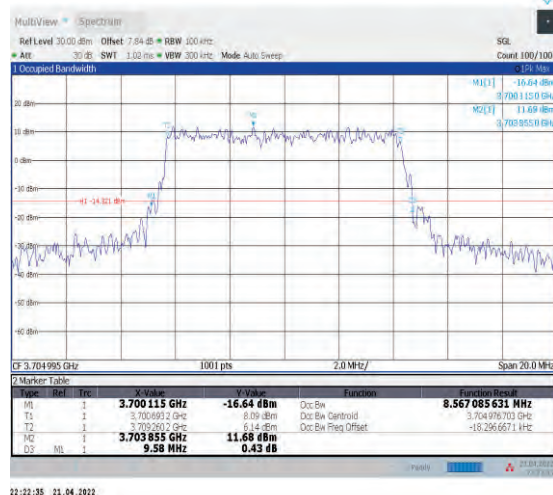
1-N77-3700-3980--30-10-L-1-DFT-QPSK-Outter_Full
-24@0-Ant1-8.628-9.580-≤10-PASS



1-N77-3700-3980--30-10-L-2-DFT-PI2BPSK-Outter_Full
-24@0-Ant1-8.569-9.220-≤10-PASS



1-N77-3700-3980--30-10-L-3-DFT-16QAM-Outter_Full
-24@0-Ant1-8.62-9.640-≤10-PASS



1-N77-3700-3980--30-10-L-4-DFT-64QAM-Outter_Full
-24@0-Ant1-8.567-9.580-≤10-PASS



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

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

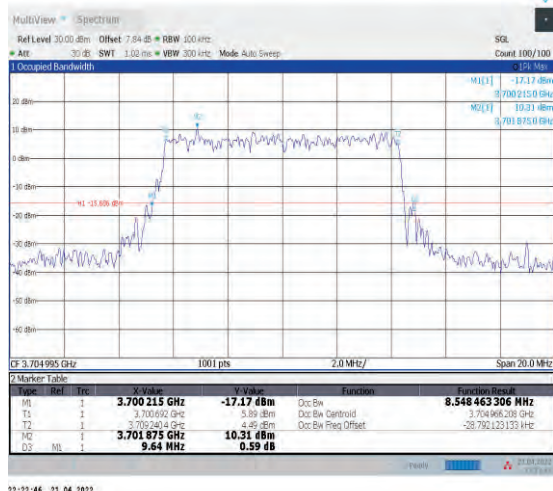
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000

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

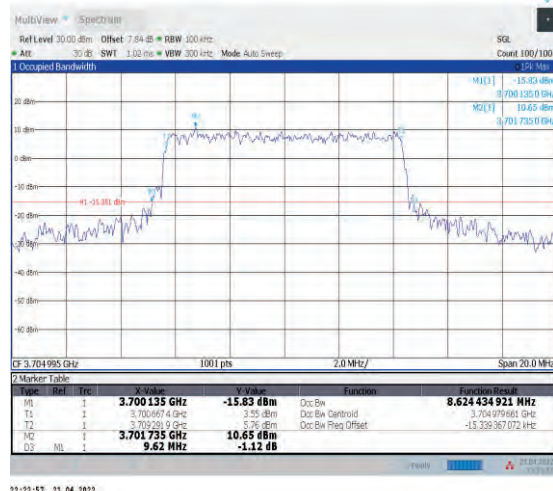
Report No.: SEWM2304000122RG02

Rev.: 01

Page: 69 of 307



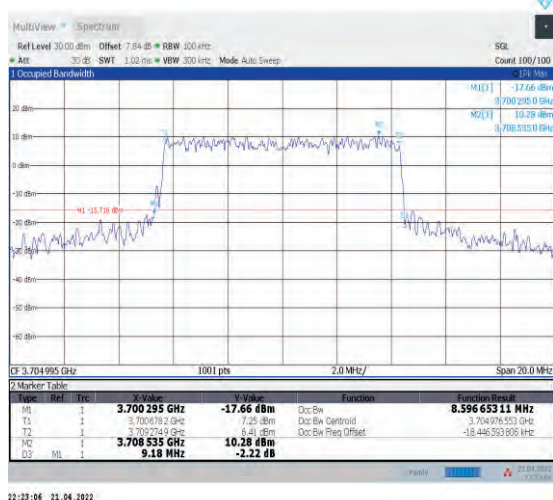
22:12:46 21.04.2022



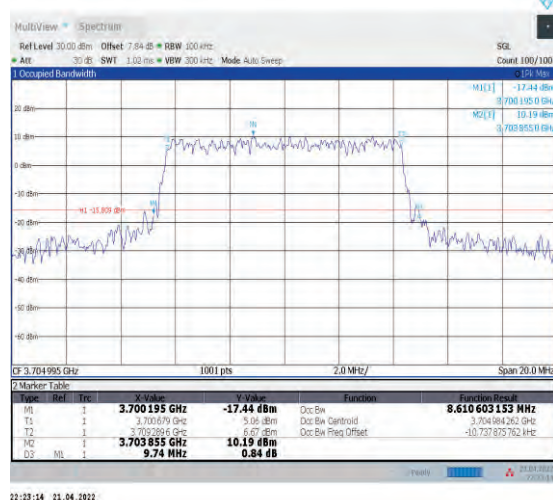
22:12:57 21.04.2022

1-N77-3700-3980--30-10-L-5-DFT-256QAM-Outer_Full-24@0-Ant1-8.548-9.640≤10-PASS

1-N77-3700-3980--30-10-L-6-CP-QPSK-Outer_Full-24@0-Ant1-8.624-9.620≤10-PASS



22:13:06 21.04.2022



22:13:16 21.04.2022

1-N77-3700-3980--30-10-L-7-CP-16QAM-Outer_Full-24@0-Ant1-8.597-9.180≤10-PASS

1-N77-3700-3980--30-10-L-8-CP-64QAM-Outer_Full-24@0-Ant1-8.611-9.740≤10-PASS



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

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

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

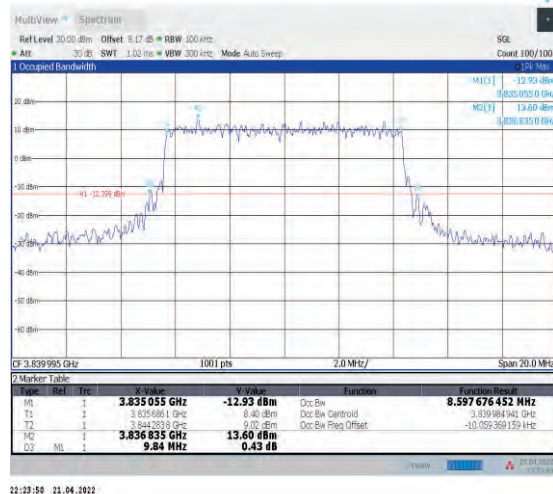
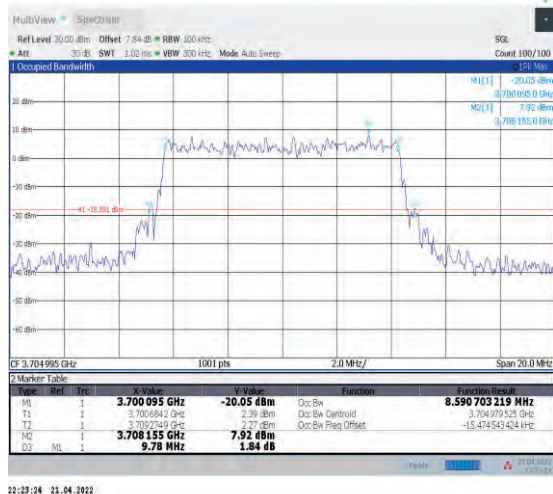
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2304000122RG02

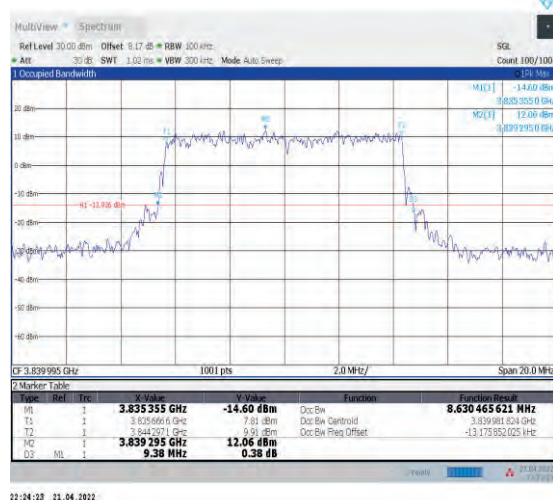
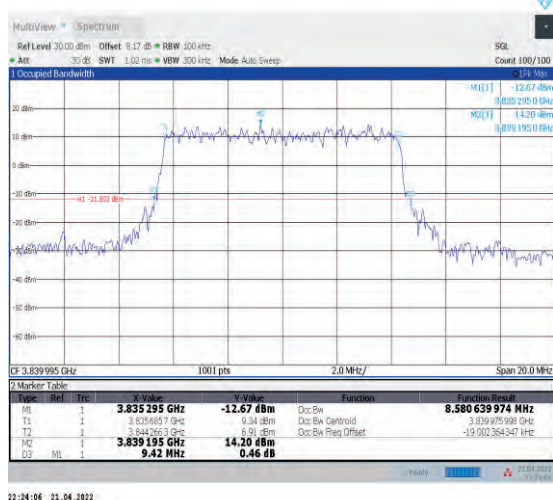
Rev.: 01

Page: 70 of 307



1-N77-3700-3980--30-10-L-9-CP-256QAM-Outer_Fu
Il-24@0-Ant1-8.591-9.780-≤10-PASS

1-N77-3700-3980--30-10-M-1-DFT-QPSK-Outer_Full
-24@0-Ant1-8.598-9.840-≤10-PASS



1-N77-3700-3980--30-10-M-2-DFT-PI2BPSK-Outer_Full-24@0-Ant1-8.581-9.420-≤10-PASS

1-N77-3700-3980--30-10-M-3-DFT-16QAM-Outer_Fu
Il-24@0-Ant1-8.63-9.380-≤10-PASS



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

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

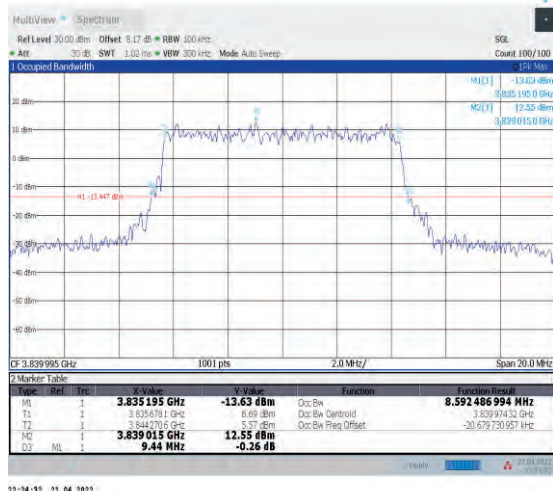
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000

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

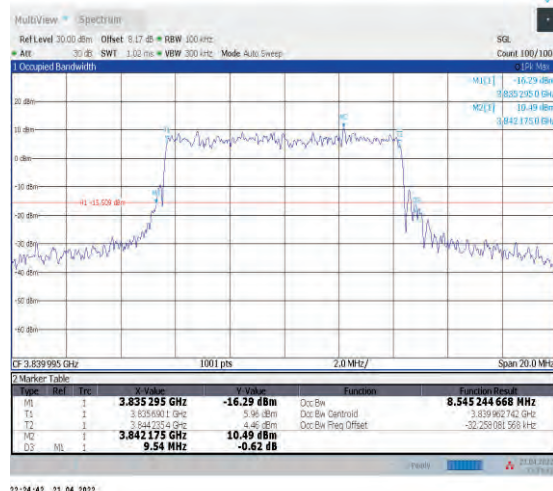
Report No.: SEWM2304000122RG02

Rev.: 01

Page: 71 of 307



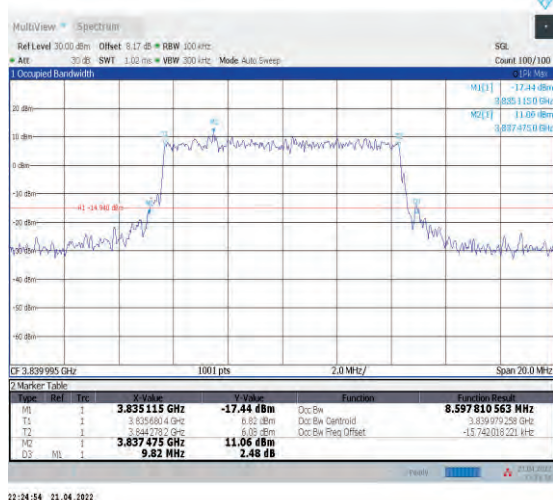
22:04:32 21.04.2022



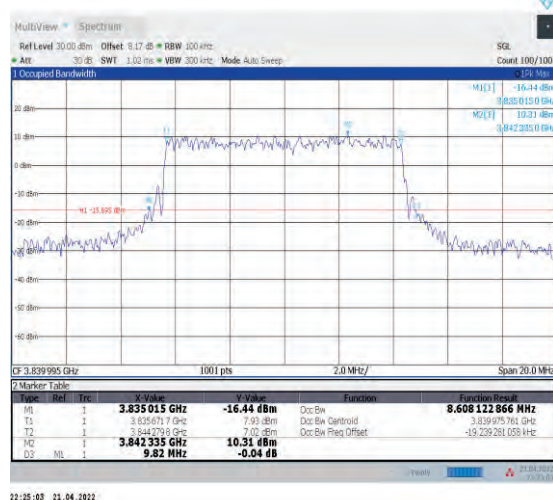
22:04:43 21.04.2022

1-N77-3700-3980--30-10-M-4-DFT-64QAM-Outer_F ull-24@0-Ant1-8.592-9.440-≤10-PASS

1-N77-3700-3980--30-10-M-5-DFT-256QAM-Outer_F ull-24@0-Ant1-8.545-9.540-≤10-PASS



22:04:54 21.04.2022



22:05:03 21.04.2022

1-N77-3700-3980--30-10-M-6-CP-QPSK-Outer_F ull-24@0-Ant1-8.598-9.820-≤10-PASS

1-N77-3700-3980--30-10-M-7-CP-16QAM-Outer_F ull-24@0-Ant1-8.608-9.820-≤10-PASS



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

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

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

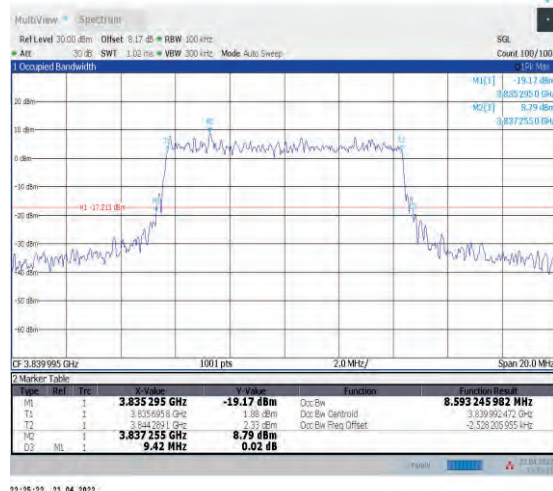
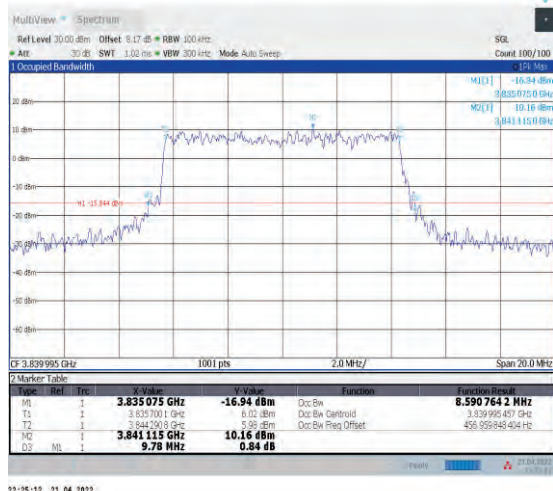
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2304000122RG02

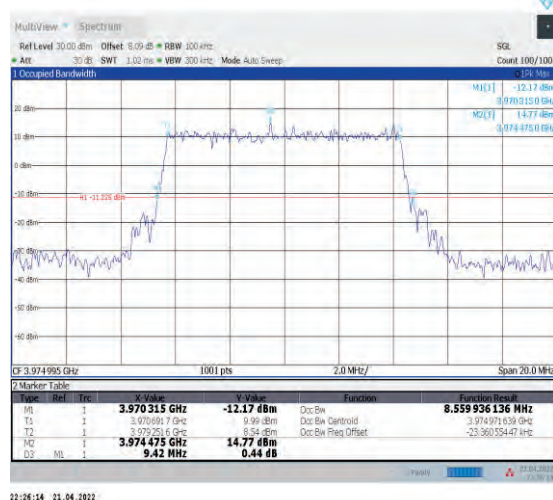
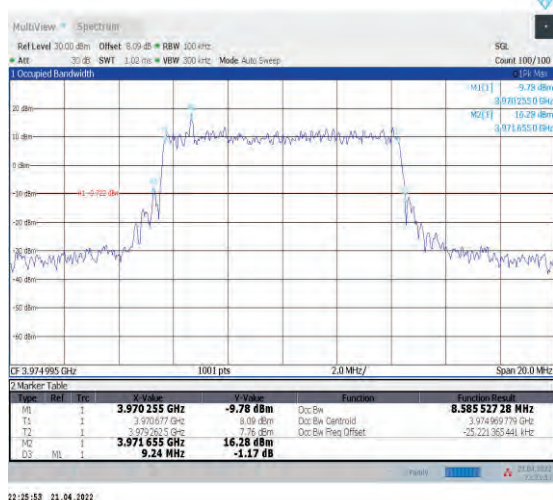
Rev.: 01

Page: 72 of 307



1-N77-3700-3980--30-10-M-8-CP-64QAM-Outer_Ful
I-24@0-Ant1-8.591-9.780-≤10-PASS

1-N77-3700-3980--30-10-M-9-CP-256QAM-Outer_F
ull-24@0-Ant1-8.593-9.420-≤10-PASS



1-N77-3700-3980--30-10-H-1-DFT-QPSK-Outer_Full
-24@0-Ant1-8.586-9.240-≤10-PASS

1-N77-3700-3980--30-10-H-2-DFT-PI2BPSK-Outer_
Full-24@0-Ant1-8.56-9.420-≤10-PASS



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

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

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

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

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

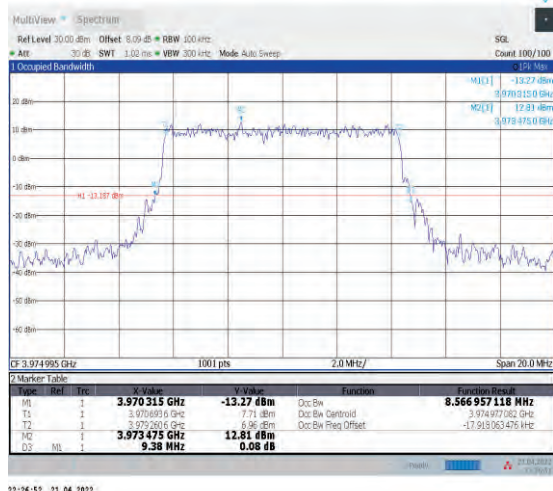
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

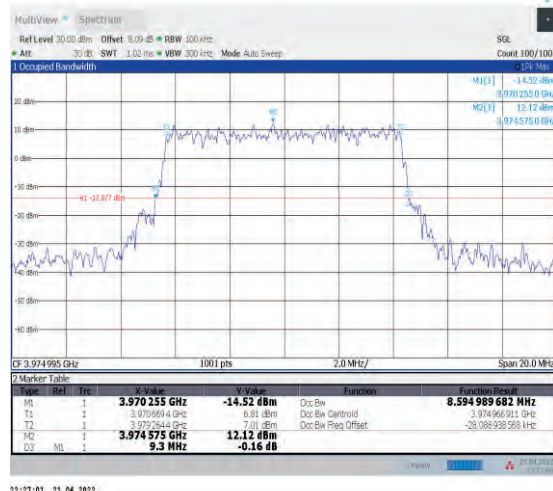
Report No.: SEWM2304000122RG02

Rev.: 01

Page: 73 of 307



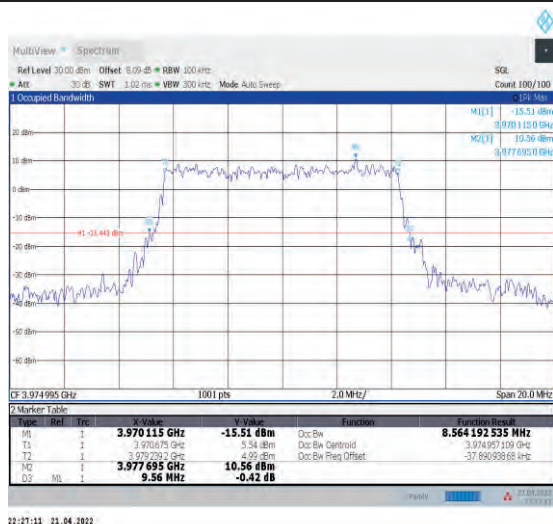
22:16:52 21.04.2022



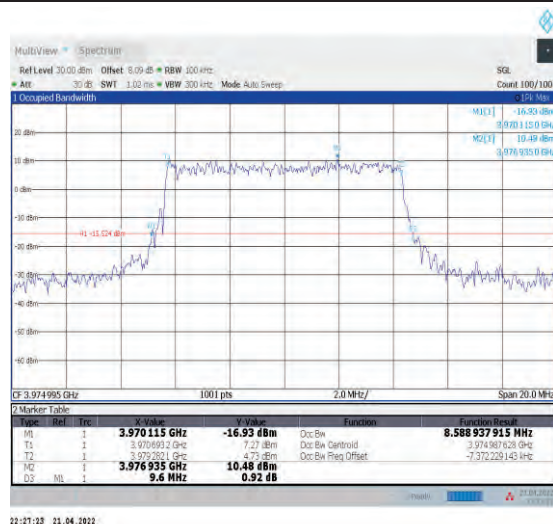
22:17:01 21.04.2022

1-N77-3700-3980--30-10-H-3-DFT-16QAM-Outer_F ull-24@0-Ant1-8.567-9.380-≤10-PASS

1-N77-3700-3980--30-10-H-4-DFT-64QAM-Outer_Fu ll-24@0-Ant1-8.595-9.300-≤10-PASS



22:17:11 21.04.2022



22:17:23 21.04.2022

1-N77-3700-3980--30-10-H-5-DFT-256QAM-Outer_F ull-24@0-Ant1-8.564-9.560-≤10-PASS

1-N77-3700-3980--30-10-H-6-CP-QPSK-Outer_Full-24@0-Ant1-8.589-9.600-≤10-PASS



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

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

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

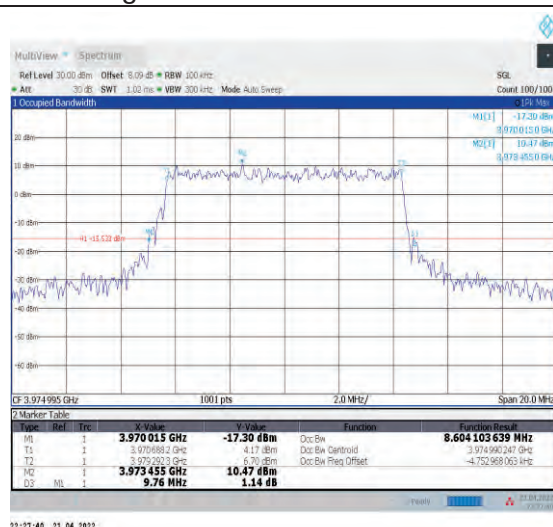
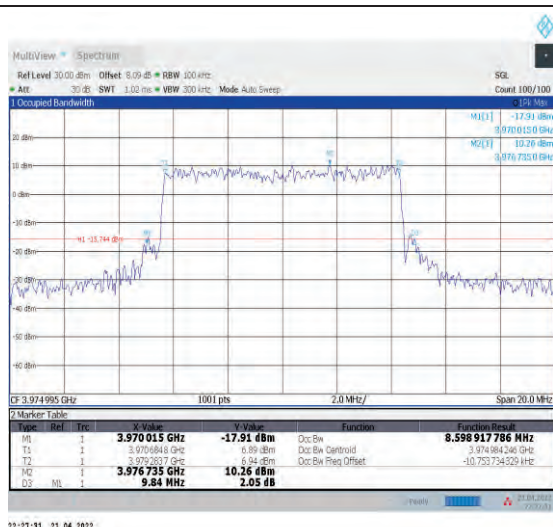
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2304000122RG02

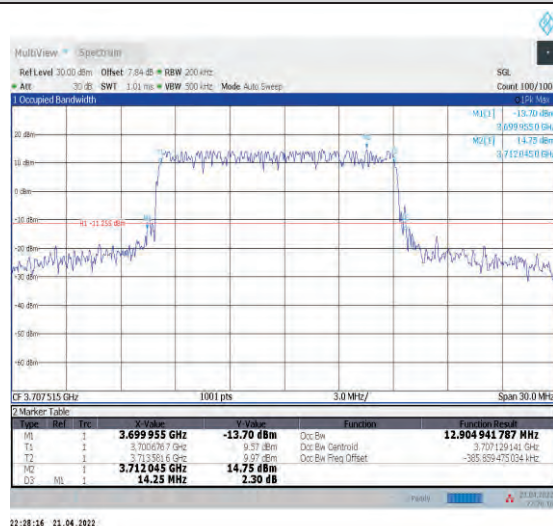
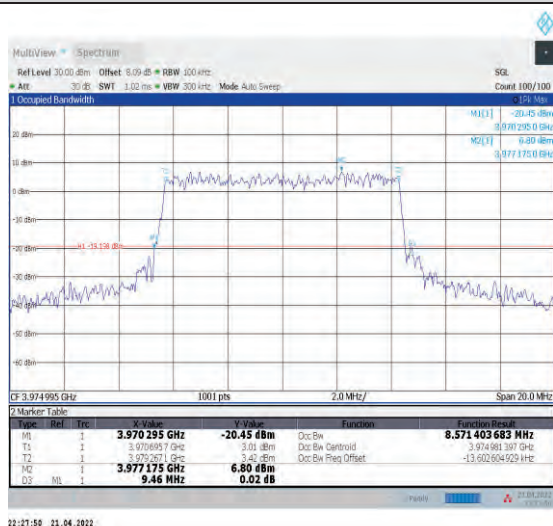
Rev.: 01

Page: 74 of 307



1-N77-3700-3980--30-10-H-7-CP-16QAM-Outer_Full
-24@0-Ant1-8.599-9.840≤10-PASS

1-N77-3700-3980--30-10-H-8-CP-64QAM-Outer_Full
-24@0-Ant1-8.604-9.760≤10-PASS



1-N77-3700-3980--30-10-H-9-CP-256QAM-Outer_F
ull-24@0-Ant1-8.571-9.460≤10-PASS

1-N77-3700-3980--30-15-L-1-DFT-QPSK-Outer_Full-
36@0-Ant1-12.905-14.250≤15-PASS



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

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

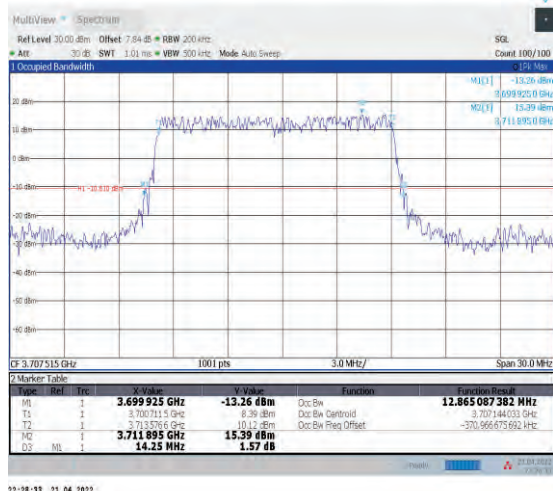
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000

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

Report No.: SEWM2304000122RG02

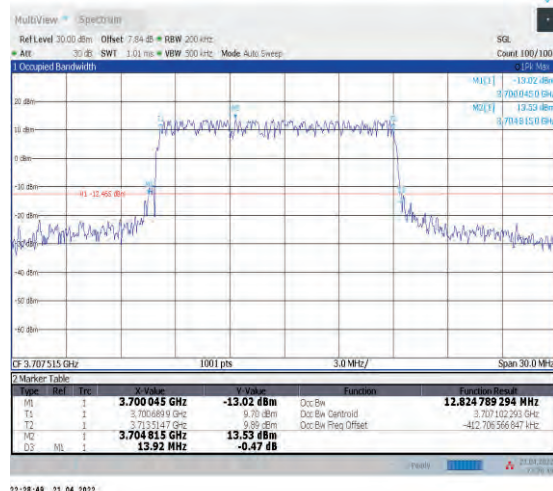
Rev.: 01

Page: 75 of 307



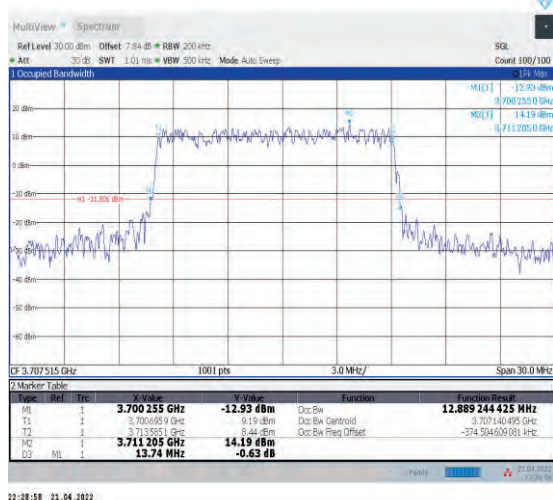
22:18:33 21.04.2022

1-N77-3700-3980--30-15-L-2-DFT-PI2BPSK-Outet_Full-36@0-Ant1-12.865-14.250-≤15-PASS



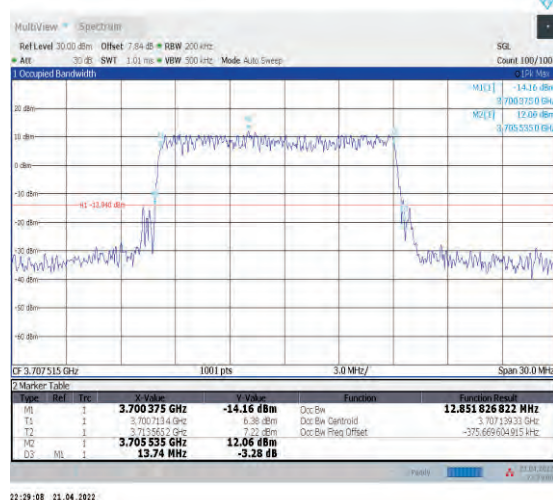
22:18:49 21.04.2022

1-N77-3700-3980--30-15-L-3-DFT-16QAM-Outet_Full-36@0-Ant1-12.825-13.920-≤15-PASS



22:18:58 21.04.2022

1-N77-3700-3980--30-15-L-4-DFT-64QAM-Outet_Full-36@0-Ant1-12.889-13.740-≤15-PASS



22:19:08 21.04.2022

1-N77-3700-3980--30-15-L-5-DFT-256QAM-Outet_Full-36@0-Ant1-12.852-13.740-≤15-PASS



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

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

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

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

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

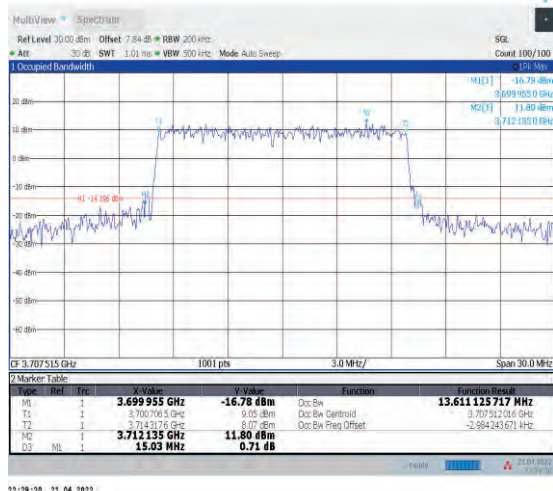
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2304000122RG02

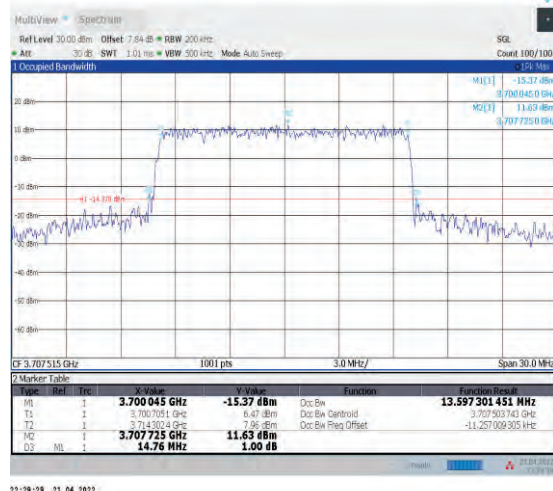
Rev.: 01

Page: 76 of 307



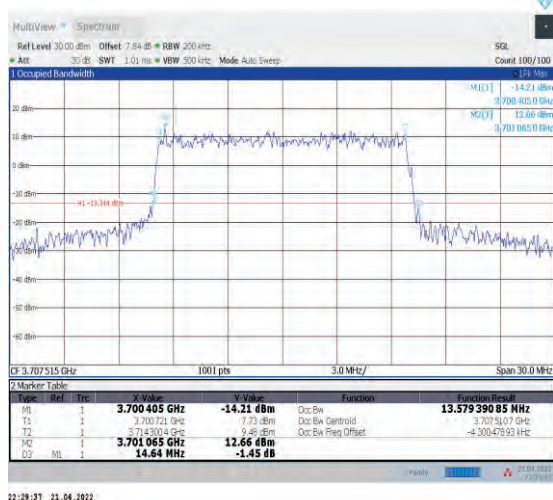
22:29:29 21.04.2022

1-N77-3700-3980--30-15-L-6-CP-QPSK-Outet_Full-38@0-Ant1-13.611-15.030-≤15-PASS



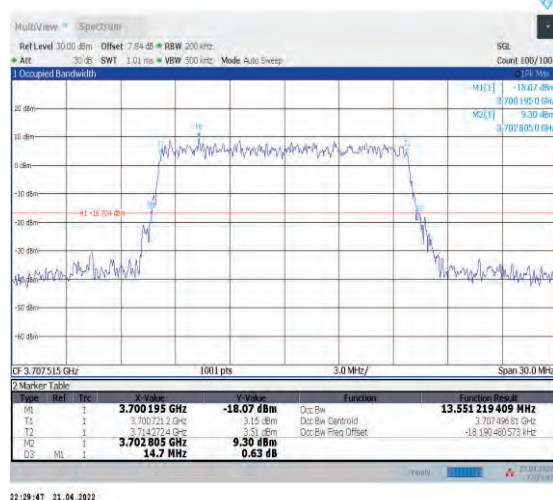
22:29:29 21.04.2022

1-N77-3700-3980--30-15-L-7-CP-16QAM-Outet_Full-38@0-Ant1-13.597-14.760-≤15-PASS



22:29:37 21.04.2022

1-N77-3700-3980--30-15-L-8-CP-64QAM-Outet_Full-38@0-Ant1-13.579-14.640-≤15-PASS



22:29:47 21.04.2022

1-N77-3700-3980--30-15-L-9-CP-256QAM-Outet_Full-38@0-Ant1-13.551-14.700-≤15-PASS



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

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

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

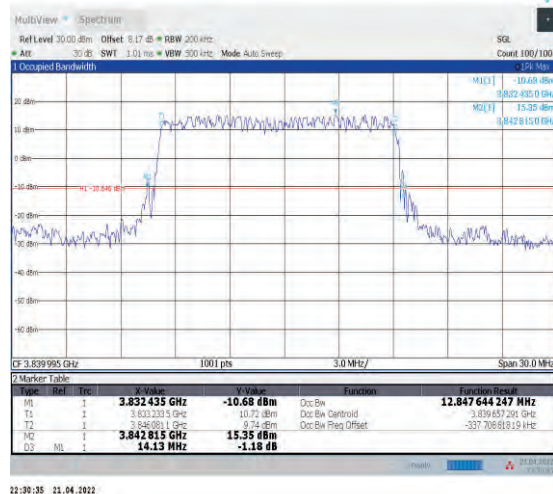
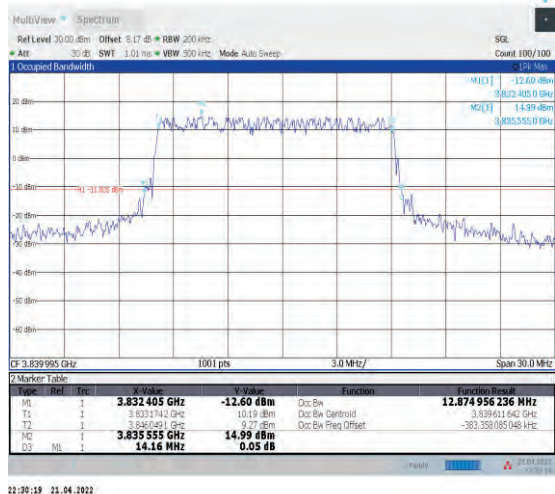
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2304000122RG02

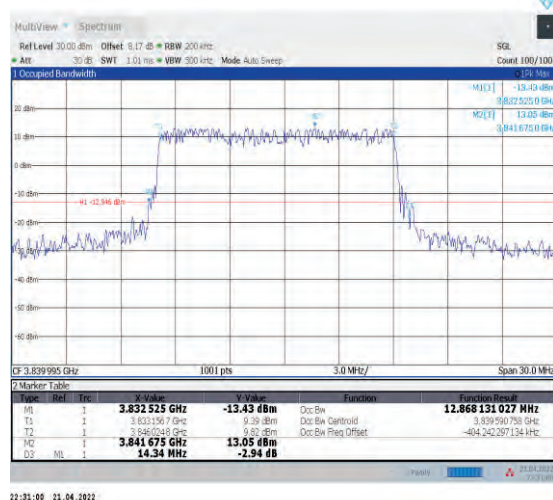
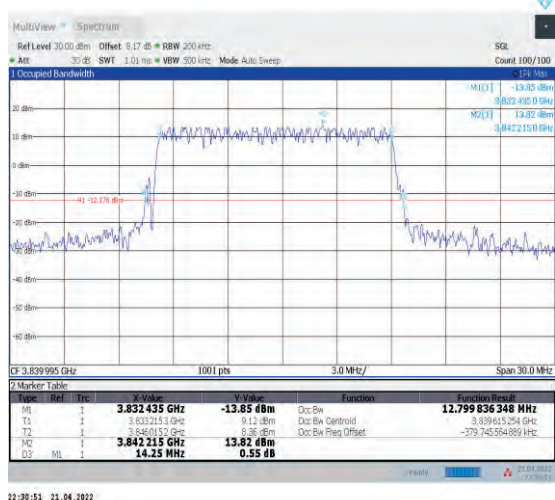
Rev.: 01

Page: 77 of 307



1-N77-3700-3980--30-15-M-1-DFT-QPSK-Outer_Full
-36@0-Ant1-12.875-14.160≤15-PASS

1-N77-3700-3980--30-15-M-2-DFT-PI2BPSK-Outer_Full
-36@0-Ant1-12.848-14.130≤15-PASS



1-N77-3700-3980--30-15-M-3-DFT-16QAM-Outer_Full
-36@0-Ant1-12.8-14.250≤15-PASS

1-N77-3700-3980--30-15-M-4-DFT-64QAM-Outer_Full
-36@0-Ant1-12.868-14.340≤15-PASS



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

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

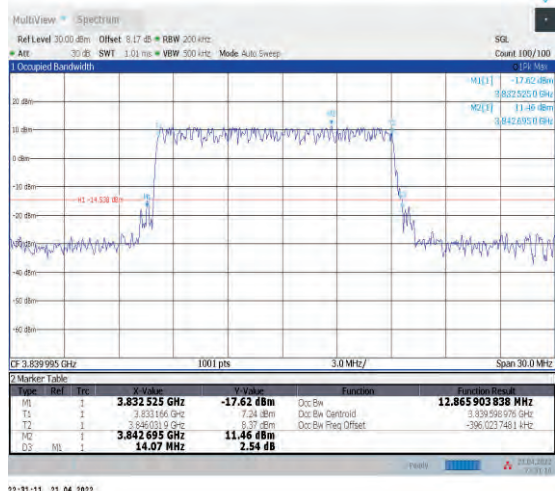
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

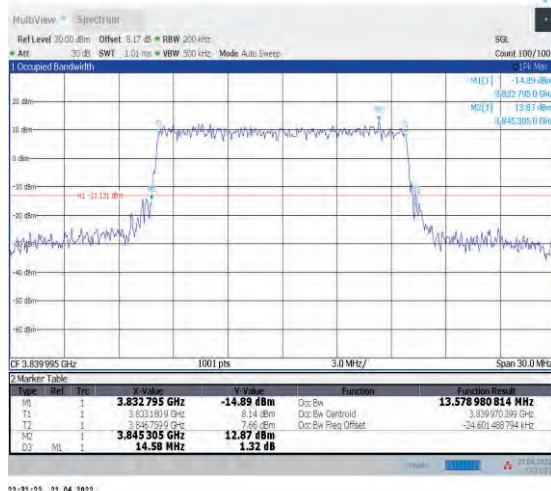
Report No.: SEWM2304000122RG02

Rev.: 01

Page: 78 of 307



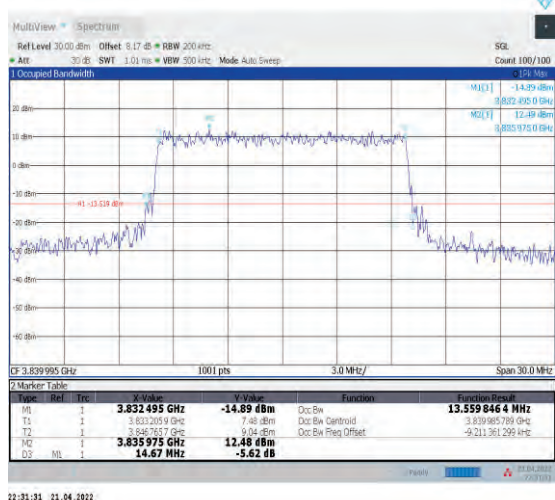
22.01.11 21.04.2022



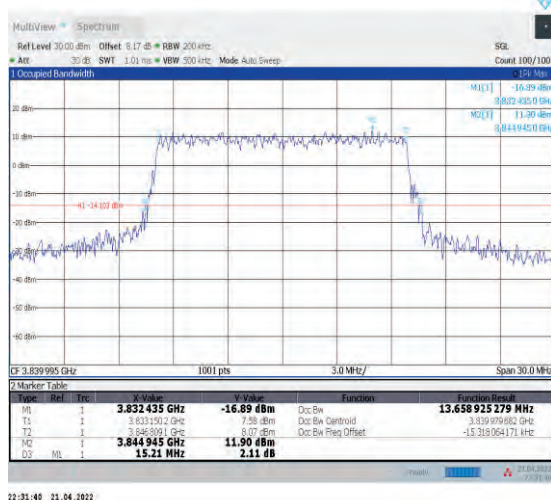
22.01.12 21.04.2022

1-N77-3700-3980--30-15-M-5-DFT-256QAM-Outer_Full-36@0-Ant1-12.866-14.070-≤15-PASS

1-N77-3700-3980--30-15-M-6-CP-QPSK-Outer_Full-38@0-Ant1-13.579-14.580-≤15-PASS



22.01.11 21.04.2022



22.01.11 21.04.2022

1-N77-3700-3980--30-15-M-7-CP-16QAM-Outer_Full-38@0-Ant1-13.56-14.670-≤15-PASS

1-N77-3700-3980--30-15-M-8-CP-64QAM-Outer_Full-38@0-Ant1-13.659-15.210-≤15-PASS



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

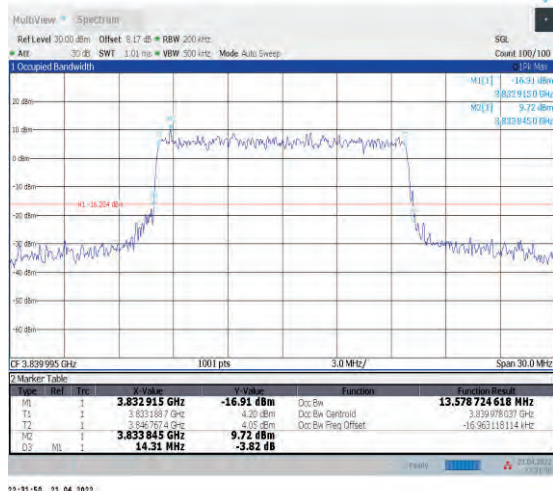
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

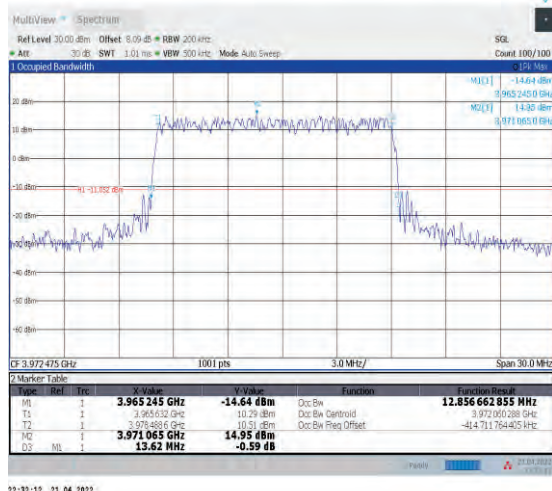
Report No.: SEWM2304000122RG02

Rev.: 01

Page: 79 of 307



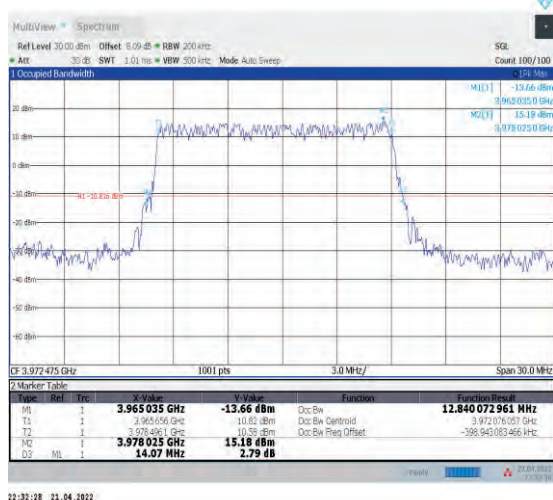
22:31:59 21.04.2022



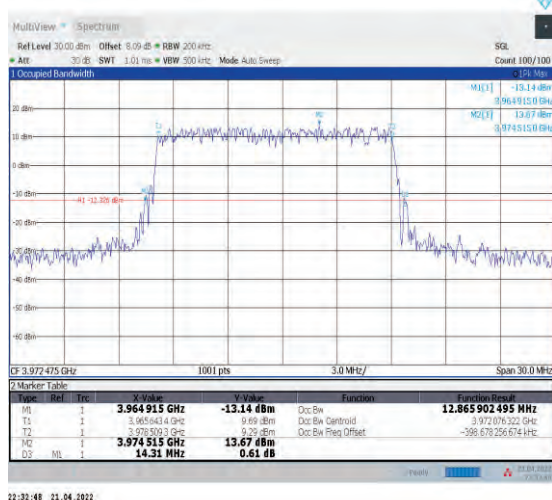
22:32:12 21.04.2022

1-N77-3700-3980--30-15-M-9-CP-256QAM-Outer_Full-38@0-Ant1-13.579-14.310-≤15-PASS

1-N77-3700-3980--30-15-H-1-DFT-QPSK-Outer_Full-36@0-Ant1-12.857-13.620-≤15-PASS



22:32:28 21.04.2022



22:32:48 21.04.2022

1-N77-3700-3980--30-15-H-2-DFT-PI2BPSK-Outer_Full-36@0-Ant1-12.84-14.070-≤15-PASS

1-N77-3700-3980--30-15-H-3-DFT-16QAM-Outer_Full-36@0-Ant1-12.866-14.310-≤15-PASS



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

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

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

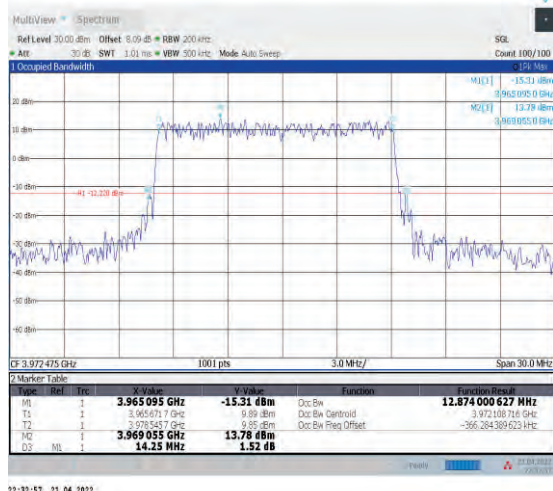
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2304000122RG02

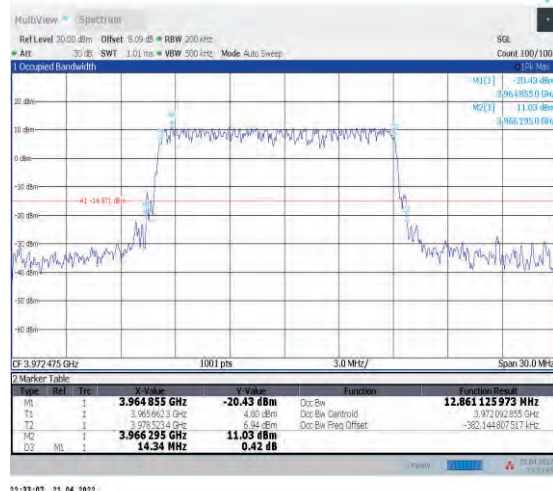
Rev.: 01

Page: 80 of 307



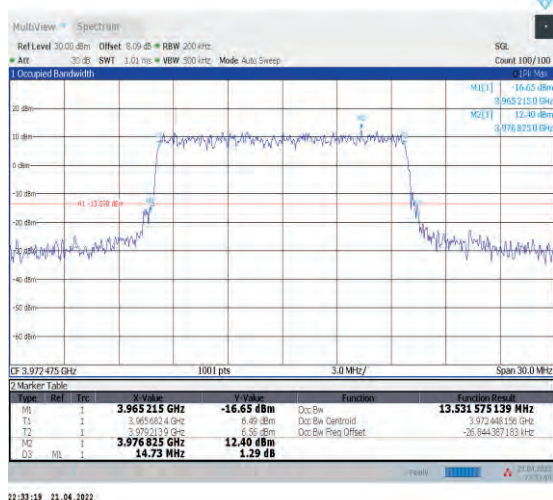
22:30:57 21.04.2022

1-N77-3700-3980--30-15-H-4-DFT-64QAM-Outer_Full-36@0-Ant1-12.874-14.250-≤15-PASS



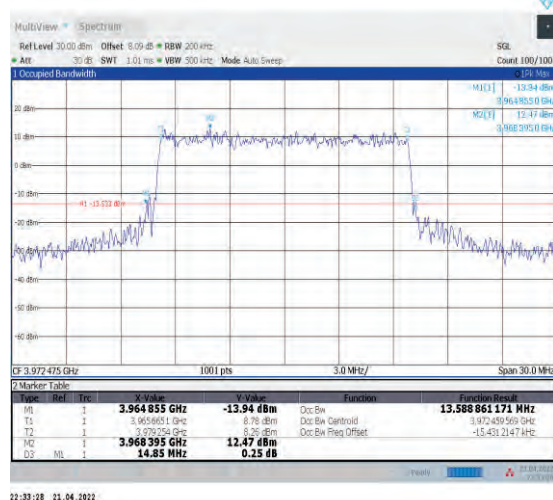
22:30:57 21.04.2022

1-N77-3700-3980--30-15-H-5-DFT-256QAM-Outer_Full-36@0-Ant1-12.861-14.340-≤15-PASS



22:30:19 21.04.2022

1-N77-3700-3980--30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant1-13.532-14.730-≤15-PASS



22:30:28 21.04.2022

1-N77-3700-3980--30-15-H-7-CP-16QAM-Outer_Full-38@0-Ant1-13.589-14.850-≤15-PASS



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

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

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

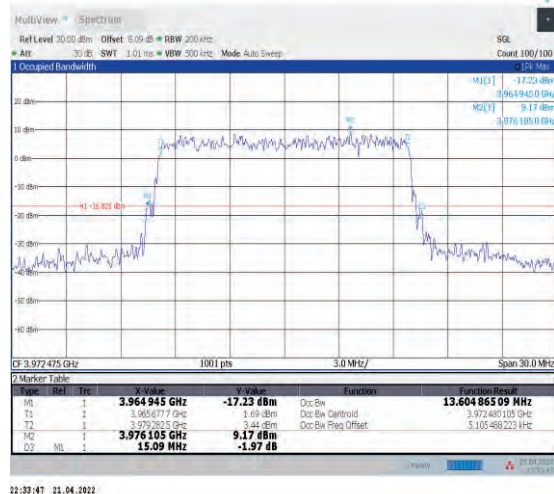
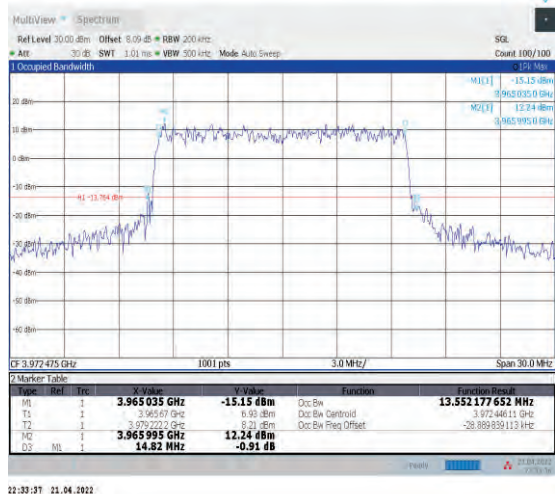
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2304000122RG02

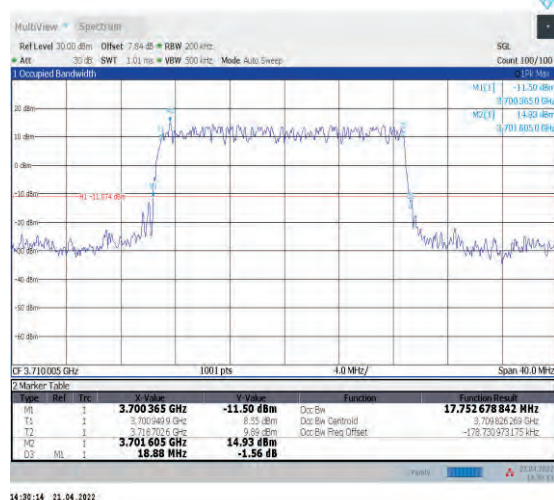
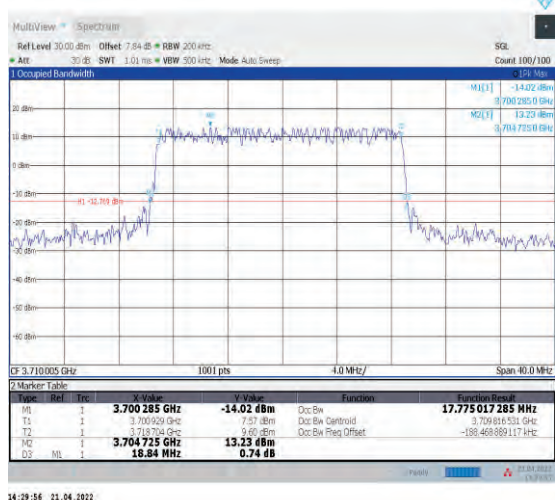
Rev.: 01

Page: 81 of 307



1-N77-3700-3980--30-15-H-8-CP-64QAM-Outer_Full
-38@0-Ant1-13.552-14.820≤15-PASS

1-N77-3700-3980--30-15-H-9-CP-256QAM-Outer_Fu
11-38@0-Ant1-13.605-15.090≤15-PASS



1-N77-3700-3980--30-20-L-1-DFT-QPSK-Outer_Full
-50@0-Ant1-17.775-18.840≤20-PASS

1-N77-3700-3980--30-20-L-2-DFT-PI2BPSK-Outer_Full
-50@0-Ant1-17.753-18.880≤20-PASS



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

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

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

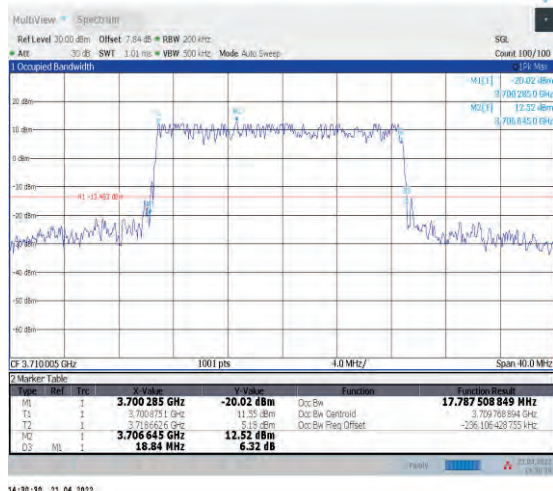
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2304000122RG02

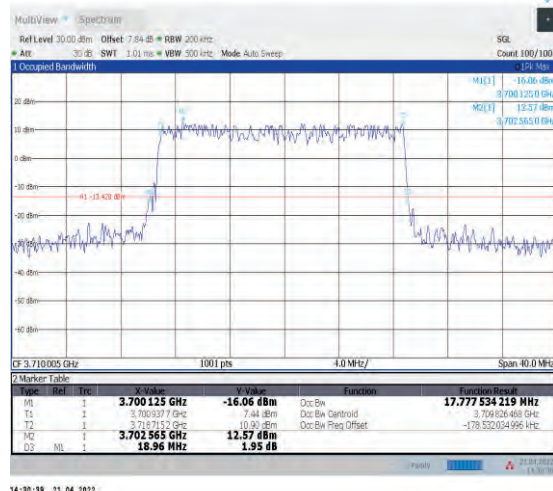
Rev.: 01

Page: 82 of 307



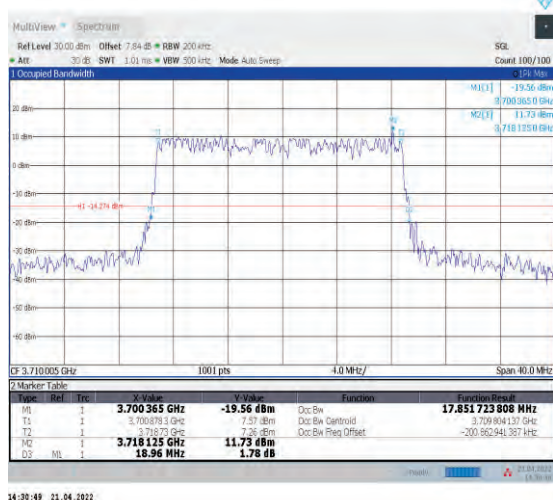
14:30:39 21.04.2022

1-N77-3700-3980--30-20-L-3-DFT-16QAM-Outter_Fu
ll-50@0-Ant1-17.788-18.840-≤20-PASS



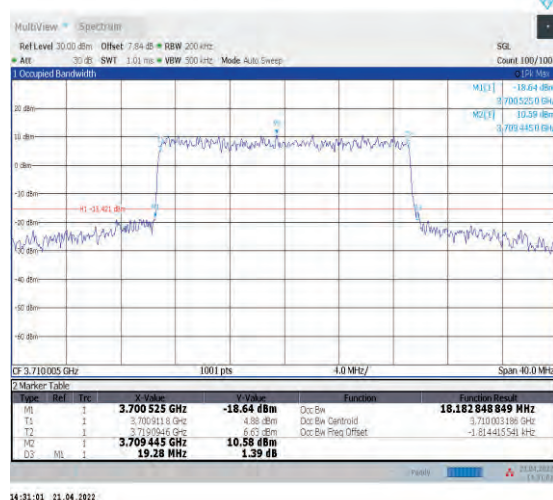
14:30:39 21.04.2022

1-N77-3700-3980--30-20-L-4-DFT-64QAM-Outter_Ful
l-50@0-Ant1-17.778-18.960-≤20-PASS



14:30:49 21.04.2022

1-N77-3700-3980--30-20-L-5-DFT-256QAM-Outter_F
ull-50@0-Ant1-17.852-18.960-≤20-PASS



14:31:01 21.04.2022

1-N77-3700-3980--30-20-L-6-CP-QPSK-Outter_Full-5
1@0-Ant1-18.183-19.280-≤20-PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

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

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

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

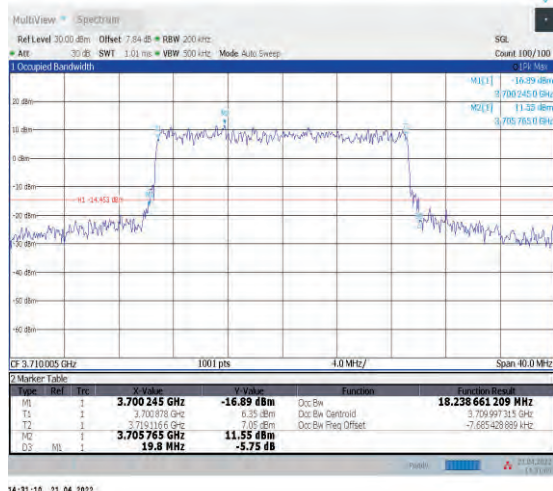
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

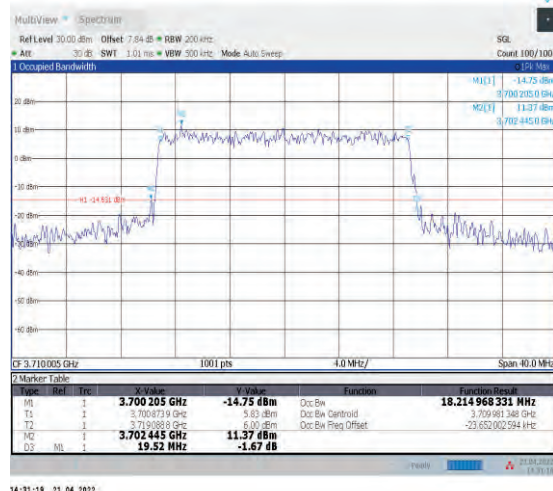
Report No.: SEWM2304000122RG02

Rev.: 01

Page: 83 of 307



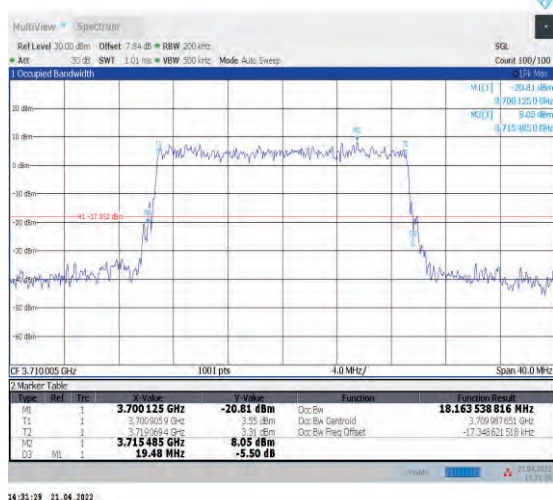
14:31:10 21.04.2022



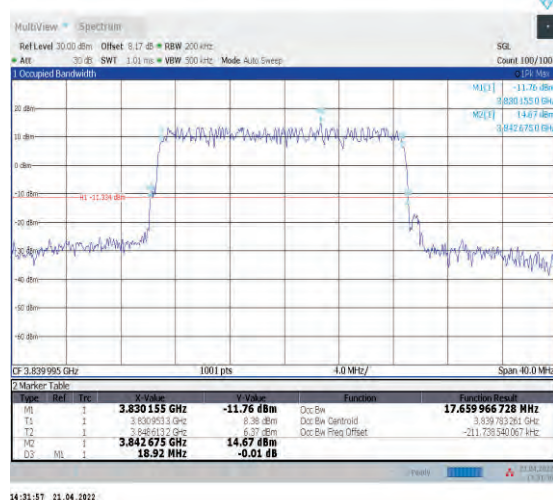
14:31:19 21.04.2022

1-N77-3700-3980--30-20-L-7-CP-16QAM-Outer_Full
-51@0-Ant1-18.239-19.800-≤20-PASS

1-N77-3700-3980--30-20-L-8-CP-64QAM-Outer_Full-
51@0-Ant1-18.215-19.520-≤20-PASS



14:31:29 21.04.2022



14:31:57 21.04.2022

1-N77-3700-3980--30-20-L-9-CP-256QAM-Outer_Fu
ll-51@0-Ant1-18.164-19.480-≤20-PASS

1-N77-3700-3980--30-20-M-1-DFT-QPSK-Outer_Full
-50@0-Ant1-17.66-18.920-≤20-PASS



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

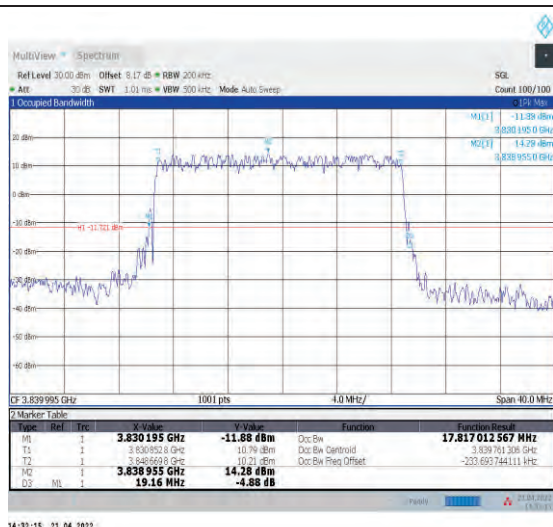
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

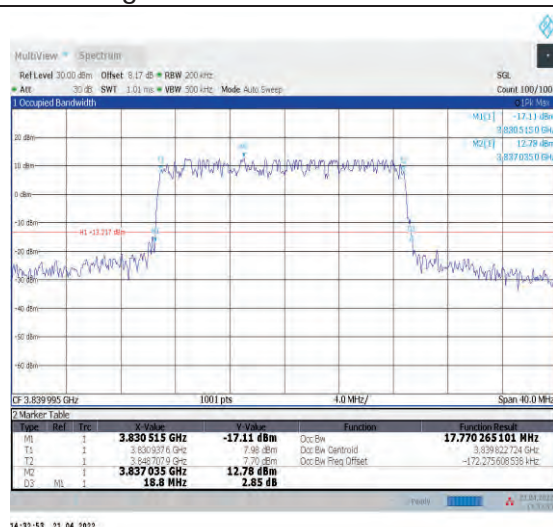
Report No.: SEWM2304000122RG02

Rev.: 01

Page: 84 of 307



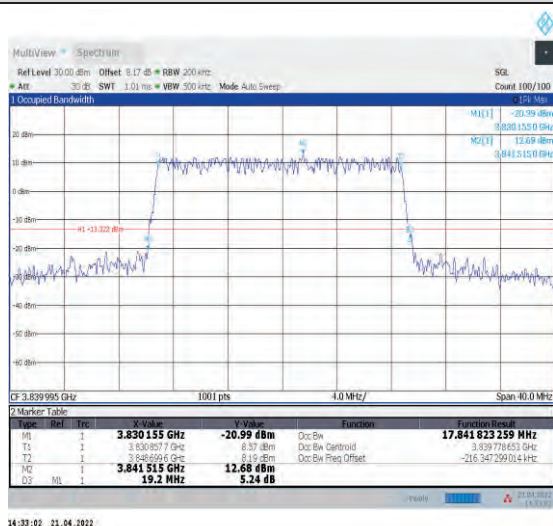
14:32:18 21.04.2022



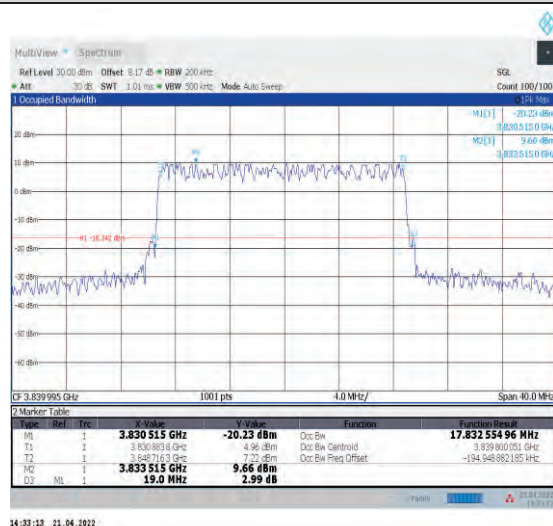
14:32:59 21.04.2022

1-N77-3700-3980--30-20-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-17.817-19.160-≤20-PASS

1-N77-3700-3980--30-20-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-17.77-18.800-≤20-PASS



14:33:02 21.04.2022



14:33:13 21.04.2022

1-N77-3700-3980--30-20-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-17.842-19.200-≤20-PASS

1-N77-3700-3980--30-20-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-17.833-19.000-≤20-PASS



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

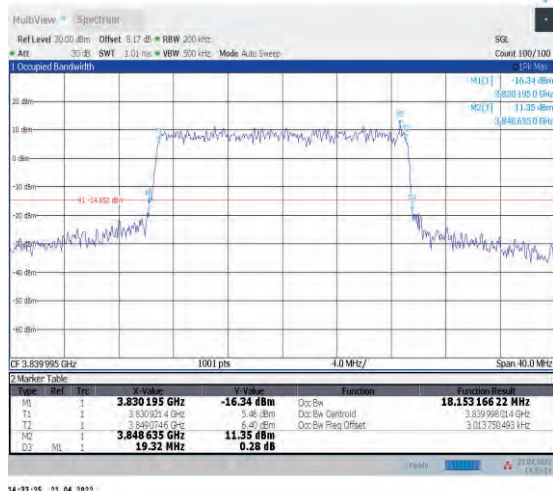
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SEWM2304000122RG02

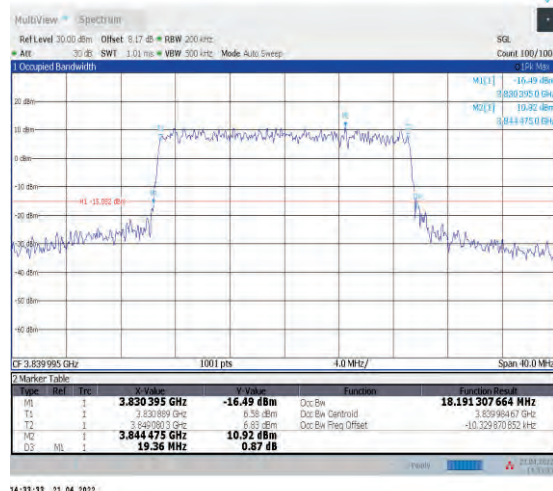
Rev.: 01

Page: 85 of 307



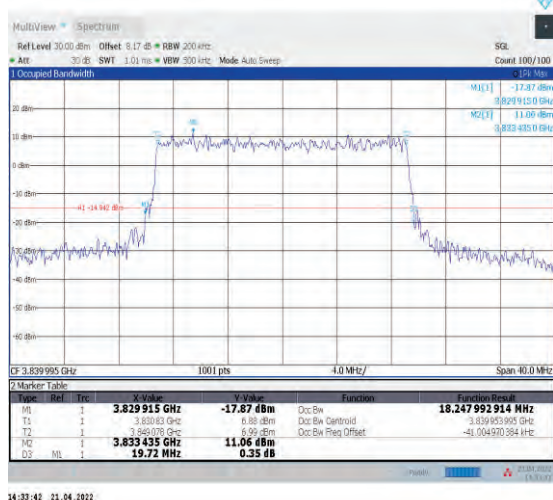
14:33:28 21.04.2022

1-N77-3700-3980--30-20-M-6-CP-QPSK-Outer_Full-51@0-Ant1-18.153-19.320-≤20-PASS



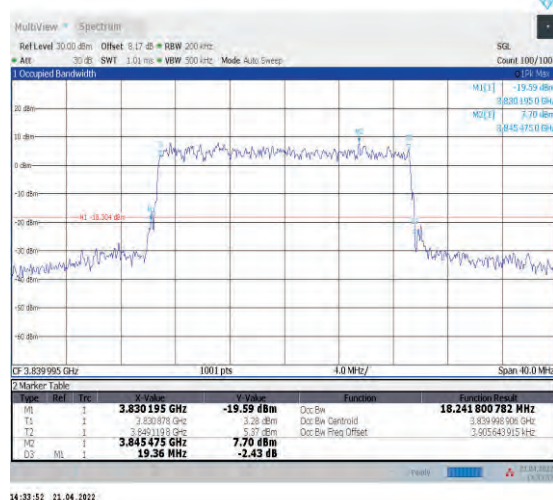
14:33:39 21.04.2022

1-N77-3700-3980--30-20-M-7-CP-16QAM-Outer_Full-51@0-Ant1-18.191-19.360-≤20-PASS



14:33:42 21.04.2022

1-N77-3700-3980--30-20-M-8-CP-64QAM-Outer_Full-51@0-Ant1-18.248-19.720-≤20-PASS



14:33:52 21.04.2022

1-N77-3700-3980--30-20-M-9-CP-256QAM-Outer_Full-51@0-Ant1-18.242-19.360-≤20-PASS



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

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

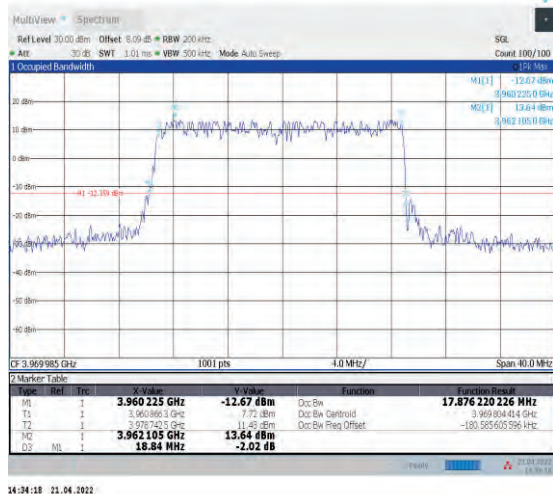
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000

Member of the SGS Group (SGS SA)

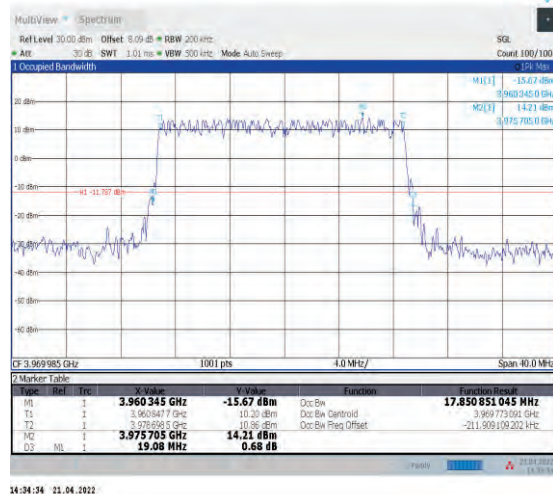
Report No.: SEWM2304000122RG02

Rev.: 01

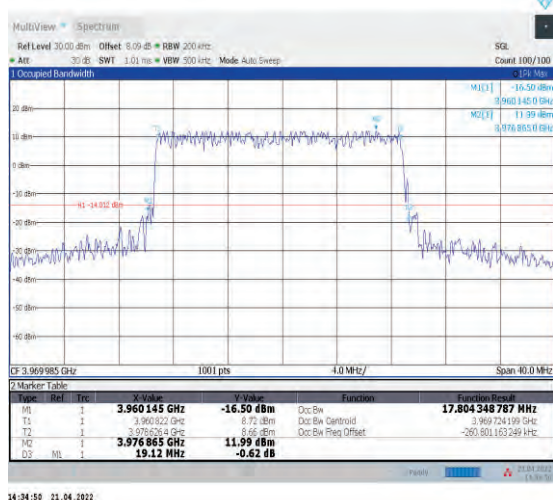
Page: 86 of 307



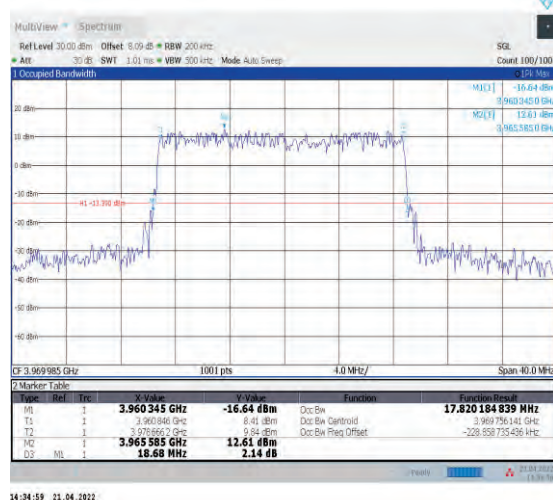
1-N77-3700-3980--30-20-H-1-DFT-QPSK-Outer_Full
-50@0-Ant1-17.876-18.840-≤20-PASS



1-N77-3700-3980--30-20-H-2-DFT-PI2BPSK-Outer_Full
-50@0-Ant1-17.851-19.080-≤20-PASS



1-N77-3700-3980--30-20-H-3-DFT-16QAM-Outer_Full
-50@0-Ant1-17.804-19.120-≤20-PASS



1-N77-3700-3980--30-20-H-4-DFT-64QAM-Outer_Full
-50@0-Ant1-17.82-18.680-≤20-PASS



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

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

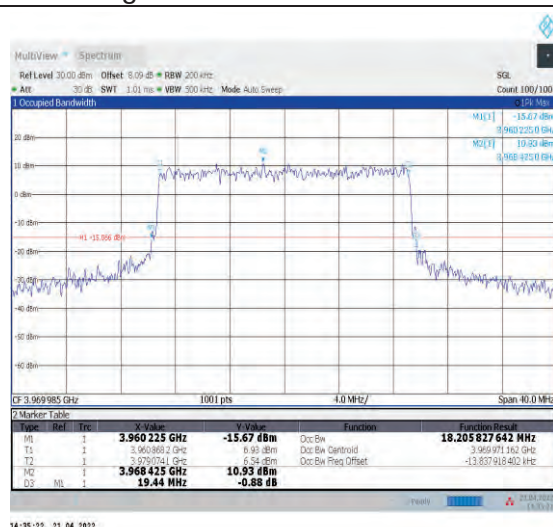
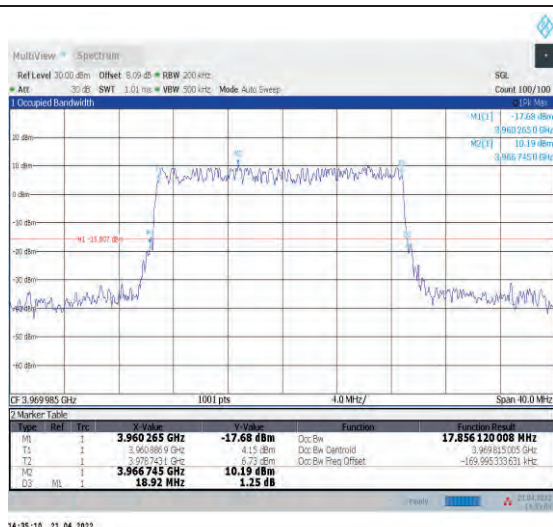
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

Member of the SGS Group (SGS SA)

Report No.: SEWM2304000122RG02

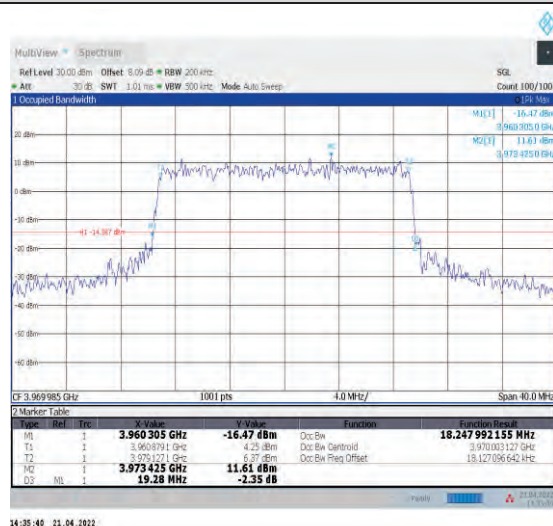
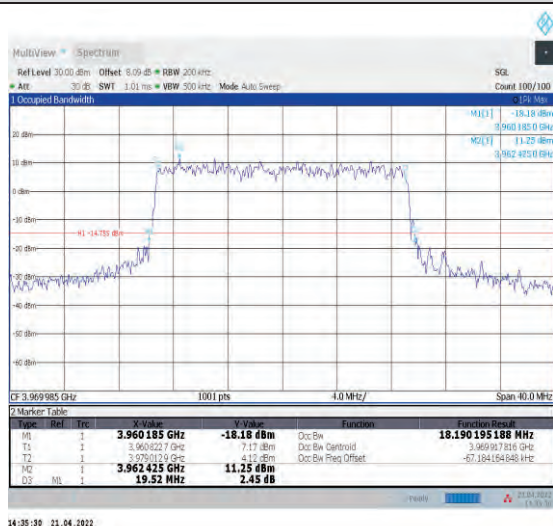
Rev.: 01

Page: 87 of 307



1-N77-3700-3980--30-20-H-5-DFT-256QAM-Outet_Full-50@0-Ant1-17.856-18.920-≤20-PASS

1-N77-3700-3980--30-20-H-6-CP-QPSK-Outet_Full-51@0-Ant1-18.206-19.440-≤20-PASS



1-N77-3700-3980--30-20-H-7-CP-16QAM-Outet_Full-51@0-Ant1-18.19-19.520-≤20-PASS

1-N77-3700-3980--30-20-H-8-CP-64QAM-Outet_Full-51@0-Ant1-18.248-19.280-≤20-PASS



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

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

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

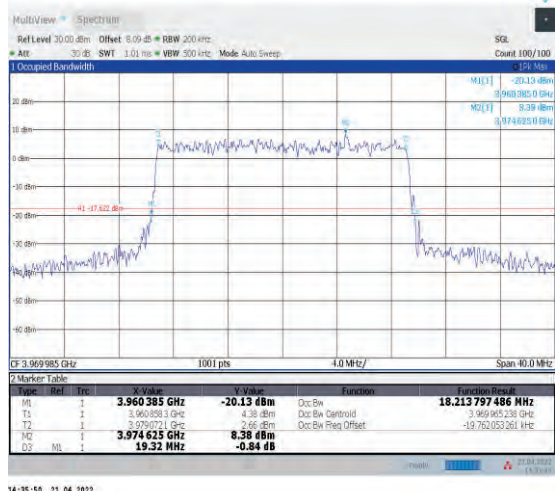
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2304000122RG02

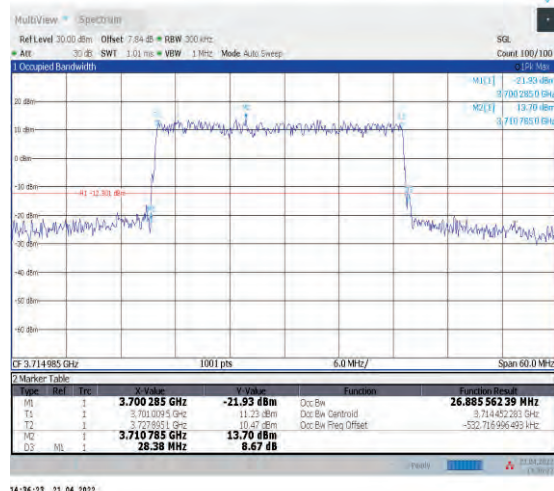
Rev.: 01

Page: 88 of 307



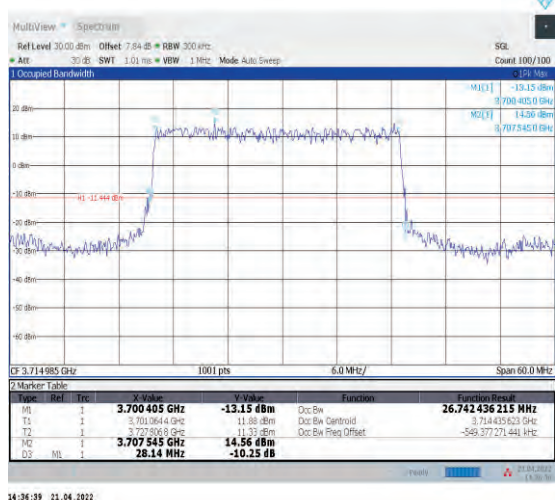
14:35:59 21.04.2022

1-N77-3700-3980--30-20-H-9-CP-256QAM-Outer_Full-51@0-Ant1-18.214-19.320-≤20-PASS



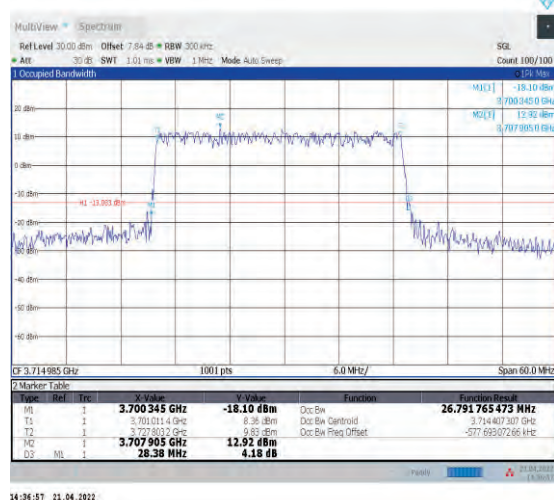
14:36:13 21.04.2022

1-N77-3700-3980--30-30-L-1-DFT-QPSK-Outer_Full-75@0-Ant1-26.886-28.380-≤30-PASS



14:36:39 21.04.2022

1-N77-3700-3980--30-30-L-2-DFT-16QAM-Outer_Full-75@0-Ant1-26.744-28.140-≤30-PASS



14:36:57 21.04.2022

1-N77-3700-3980--30-30-L-3-DFT-16QAM-Outer_Full-75@0-Ant1-26.795-28.380-≤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

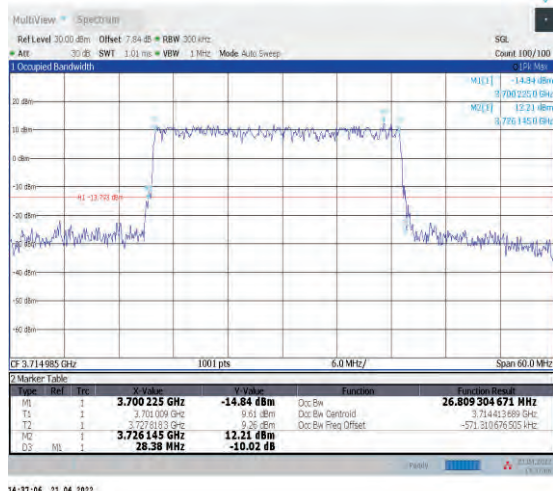
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2304000122RG02

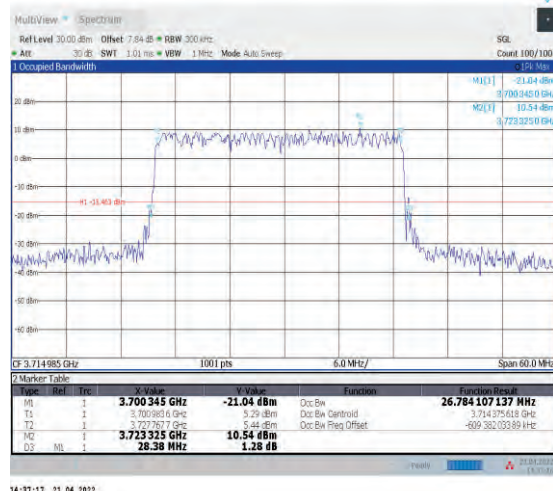
Rev.: 01

Page: 89 of 307



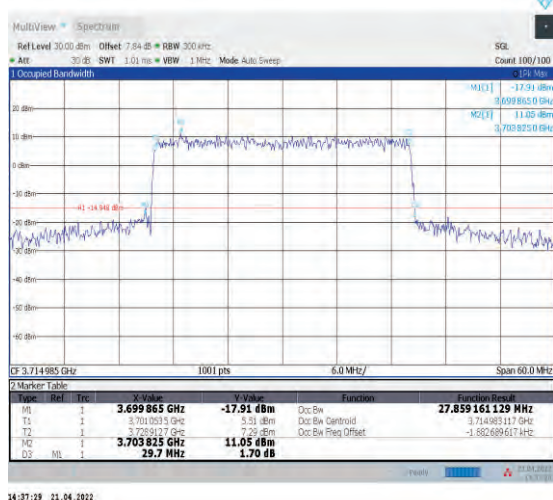
14:37:04 21.04.2022

1-N77-3700-3980--30-30-L-4-DFT-64QAM-Outer_Fu ll-75@0-Ant1-26.809-28.380-≤30-PASS



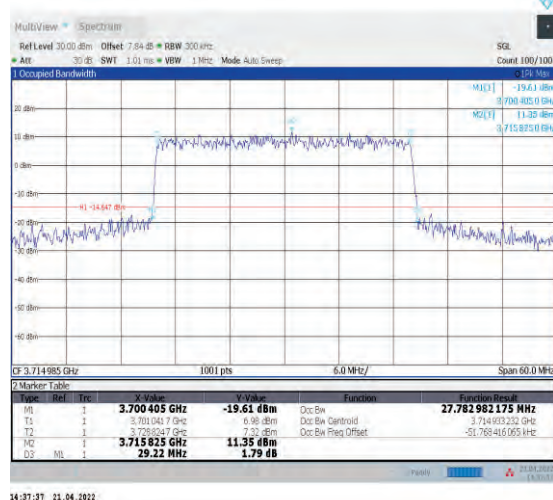
14:37:17 21.04.2022

1-N77-3700-3980--30-30-L-5-DFT-256QAM-Outer_F ull-75@0-Ant1-26.784-28.380-≤30-PASS



14:37:29 21.04.2022

1-N77-3700-3980--30-30-L-6-CP-QPSK-Outer_Full-78@0-Ant1-27.859-29.700-≤30-PASS



14:37:37 21.04.2022

1-N77-3700-3980--30-30-L-7-CP-16QAM-Outer_Full-78@0-Ant1-27.782-29.220-≤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

Member of the SGS Group (SGS SA)

Report No.: SEWM2304000122RG02

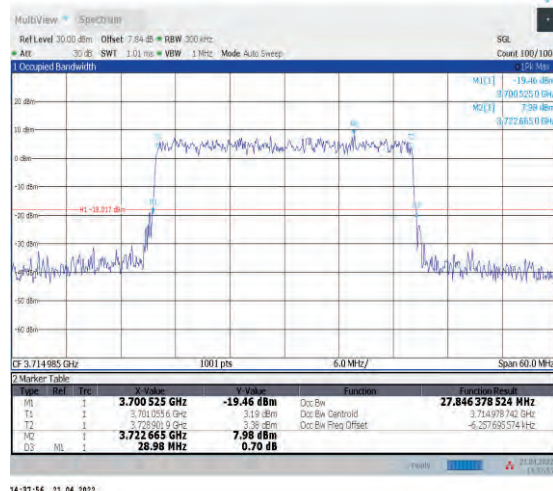
Rev.: 01

Page: 90 of 307



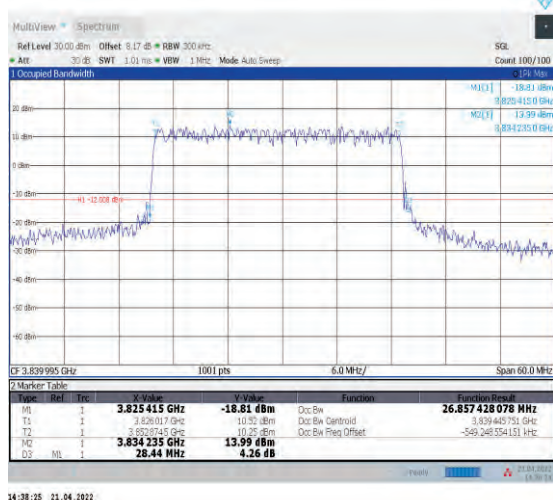
14:37:46 21.04.2022

1-N77-3700-3980--30-30-L-8-CP-64QAM-Outer_Full
-78@0-Ant1-27.833-29.400-≤30-PASS



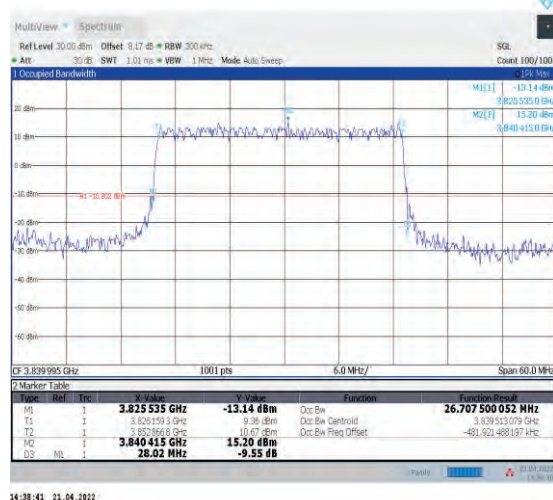
14:37:56 21.04.2022

1-N77-3700-3980--30-30-L-9-CP-256QAM-Outer_Ful
I-78@0-Ant1-27.852-28.980-≤30-PASS



14:38:25 21.04.2022

1-N77-3700-3980--30-30-M-1-DFT-QPSK-Outer_Full
-75@0-Ant1-26.857-28.440-≤30-PASS



14:38:41 21.04.2022

1-N77-3700-3980--30-30-M-2-DFT-PI2BPSK-Outer_Full
Full-75@0-Ant1-26.71-28.020-≤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

Member of the SGS Group (SGS SA)