

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 1 of 195

Appendix B.42

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

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

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

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

Member of the SGS Group (SGS SA)

Effective (Isotropic) Radiated Power Output Data for SA

Test ResultAnt0

Band	SC S	Bandwidth h	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N77-3700-3980	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	25.92	22.44	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	25.74	22.26	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Outer_Full	24.37	20.89	30	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Inner_1RB_Left	25.87	22.39	30	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Inner_1RB_Right	25.68	22.2	30	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Outer_Full	24.94	21.46	30	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Inner_1RB_Left	23.53	20.05	30	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Inner_1RB_Right	23.45	19.97	30	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Outer_Full	22.71	19.23	30	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Inner_1RB_Left	21.5	18.02	30	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Inner_1RB_Right	21.47	17.99	30	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Outer_Full	21.37	17.89	30	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Inner_1RB_Left	19.76	16.28	30	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Inner_1RB_Right	19.68	16.2	30	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Outer_Full	19.67	16.19	30	PASS
N77-3700-	30	10	DFT-	M	Inner_1RB_Left	25.54	22.06	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-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

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

Member of the SGS Group (SGS SA)



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 3 of 195

3980			PI2BPSK						
N77-3700-3980	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	25.44	21.96	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	24.15	20.67	30	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Inner_1RB_Left	25.72	22.24	30	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Inner_1RB_Right	25.58	22.1	30	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	23.57	20.09	30	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Inner_1RB_Left	24.53	21.05	30	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Inner_1RB_Right	24.56	21.08	30	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	22.7	19.22	30	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Inner_1RB_Left	22.5	19.02	30	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Inner_1RB_Right	22.47	18.99	30	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	22.19	18.71	30	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Inner_1RB_Left	20.2	16.72	30	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Inner_1RB_Right	19.98	16.5	30	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	20.09	16.61	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	24.91	21.43	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Inner_1RB_Right	24.71	21.23	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Outer_Full	23.49	20.01	30	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Inner_1RB_Left	24.9	21.42	30	PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 4 of 195

N77-3700-3980	30	10	DFT-QPSK	H	Inner_1RB_Right	24.84	21.36	30	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	23.85	20.37	30	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Inner_1RB_Left	22.7	19.22	30	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Inner_1RB_Right	22.58	19.1	30	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Outer_Full	22.33	18.85	30	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Inner_1RB_Left	21.63	18.15	30	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Inner_1RB_Right	21.36	17.88	30	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Outer_Full	21.2	17.72	30	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Inner_1RB_Left	19.25	15.77	30	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Inner_1RB_Right	19.08	15.6	30	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Outer_Full	19.43	15.95	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Inner_1RB_Left	25.84	22.36	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Inner_1RB_Right	25.61	22.13	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Outer_Full	24.3	20.82	30	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Inner_1RB_Left	25.89	22.41	30	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Inner_1RB_Right	25.7	22.22	30	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	23.88	20.4	30	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Inner_1RB_Left	24.9	21.42	30	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Inner_1RB_Right	24.79	21.31	30	PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 5 of 195

3980					t				
N77-3700-3980	30	15	DFT-16QAM	L	Outer_Full	22.87	19.39	30	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Inner_1RB_Left	22.86	19.38	30	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Inner_1RB_Right	22.78	19.3	30	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Outer_Full	22.23	18.75	30	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Inner_1RB_Left	20.36	16.88	30	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Inner_1RB_Right	20.22	16.74	30	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Outer_Full	20.22	16.74	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Inner_1RB_Left	25.77	22.29	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Inner_1RB_Right	25.31	21.83	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	24.23	20.75	30	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Inner_1RB_Left	25.62	22.14	30	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Inner_1RB_Right	25.24	21.76	30	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	24.93	21.45	30	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Inner_1RB_Left	23.83	20.35	30	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Inner_1RB_Right	23.39	19.91	30	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	23.66	20.18	30	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Inner_1RB_Left	22.5	19.02	30	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Inner_1RB_Right	22.54	19.06	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)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 6 of 195

N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	22.26	18.78	30	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Inner_1RB_Left	20.23	16.75	30	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Inner_1RB_Right	20.03	16.55	30	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	20.22	16.74	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Inner_1RB_Left	25.54	22.06	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Inner_1RB_Right	24.89	21.41	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Outer_Full	23.66	20.18	30	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Inner_1RB_Left	25.27	21.79	30	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Inner_1RB_Right	24.77	21.29	30	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	24.55	21.07	30	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Inner_1RB_Left	23.55	20.07	30	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Inner_1RB_Right	23.45	19.97	30	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Outer_Full	23.43	19.95	30	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Inner_1RB_Left	22.27	18.79	30	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Inner_1RB_Right	22.23	18.75	30	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Outer_Full	21.48	18	30	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Inner_1RB_Left	19.49	16.01	30	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Inner_1RB_Right	19.43	15.95	30	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Outer_Full	19.44	15.96	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.: SEWM2311000473RG02

Rev.: 01

Page: 7 of 195

3980									
N77-3700-3980	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	25.9	22.42	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	25.6	22.12	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Outer_Full	24.47	20.99	30	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Inner_1RB_Left	25.92	22.44	30	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Inner_1RB_Right	25.7	22.22	30	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	23.98	20.5	30	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Inner_1RB_Left	24.78	21.3	30	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Inner_1RB_Right	24.65	21.17	30	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Outer_Full	22.95	19.47	30	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Inner_1RB_Left	22.98	19.5	30	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Inner_1RB_Right	22.64	19.16	30	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Outer_Full	22.26	18.78	30	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Inner_1RB_Left	20.31	16.83	30	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Inner_1RB_Right	20.08	16.6	30	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Outer_Full	20.35	16.87	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	25.75	22.27	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	25.44	21.96	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	24.02	20.54	30	PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 8 of 195

N77-3700-3980	30	20	DFT-QPSK	M	Inner_1RB_Left	25.73	22.25	30	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Inner_1RB_Right	25.5	22.02	30	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	23.68	20.2	30	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Inner_1RB_Left	24.78	21.3	30	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Inner_1RB_Right	24.25	20.77	30	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	22.6	19.12	30	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Inner_1RB_Left	22.7	19.22	30	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Inner_1RB_Right	22.44	18.96	30	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	22.2	18.72	30	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Inner_1RB_Left	20.18	16.7	30	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Inner_1RB_Right	19.78	16.3	30	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	20.09	16.61	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	25.17	21.69	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	24.87	21.39	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Outer_Full	23.38	19.9	30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Inner_1RB_Left	25.1	21.62	30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Inner_1RB_Right	24.72	21.24	30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	24.25	20.77	30	PASS
N77-3700-	30	20	DFT-16QAM	H	Inner_1RB_Left	22.75	19.27	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)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 9 of 195

3980									
N77-3700-3980	30	20	DFT-16QAM	H	Inner_1RB_Right	22.64	19.16	30	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Outer_Full	22.62	19.14	30	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Inner_1RB_Left	21.57	18.09	30	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Inner_1RB_Right	21.76	18.28	30	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Outer_Full	21.14	17.66	30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Inner_1RB_Left	19.72	16.24	30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Inner_1RB_Right	19.31	15.83	30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Outer_Full	19.47	15.99	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	26.09	22.61	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	25.63	22.15	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Outer_Full	24.42	20.94	30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Inner_1RB_Left	26	22.52	30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Inner_1RB_Right	25.66	22.18	30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	23.72	20.24	30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Inner_1RB_Left	24.94	21.46	30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Inner_1RB_Right	24.68	21.2	30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Outer_Full	22.78	19.3	30	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Inner_1RB_Left	22.9	19.42	30	PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 10 of 195

N77-3700-3980	30	40	DFT-64QAM	L	Inner_1RB_Right	22.69	19.21	30	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Outer_Full	22.19	18.71	30	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Inner_1RB_Left	20.48	17	30	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Inner_1RB_Right	20.22	16.74	30	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Outer_Full	20.22	16.74	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	25.68	22.2	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	25.37	21.89	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	24.18	20.7	30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Inner_1RB_Left	25.72	22.24	30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Inner_1RB_Right	25.16	21.68	30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	25.25	21.77	30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Inner_1RB_Left	23.57	20.09	30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Inner_1RB_Right	23.37	19.89	30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	23.63	20.15	30	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Inner_1RB_Left	22.63	19.15	30	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Inner_1RB_Right	22.4	18.92	30	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Outer_Full	22.09	18.61	30	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Inner_1RB_Left	20.25	16.77	30	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Inner_1RB_Right	19.9	16.42	30	PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 11 of 195

3980					t				
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	20.24	16.76	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	25.35	21.87	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	24.82	21.34	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Outer_Full	23.59	20.11	30	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Inner_1RB_Left	25.47	21.99	30	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Inner_1RB_Right	24.71	21.23	30	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Outer_Full	24.69	21.21	30	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Inner_1RB_Left	23.56	20.08	30	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Inner_1RB_Right	23.46	19.98	30	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Outer_Full	22.73	19.25	30	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Inner_1RB_Left	21.56	18.08	30	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Inner_1RB_Right	21.39	17.91	30	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Outer_Full	21.2	17.72	30	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Inner_1RB_Left	19.92	16.44	30	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Inner_1RB_Right	19.33	15.85	30	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Outer_Full	19.65	16.17	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Inner_1RB_Left	26.04	22.56	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Inner_1RB_Right	25.63	22.15	30	PASS



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

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

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

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

Member of the SGS Group (SGS SA)



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 12 of 195

N77-3700-3980	30	50	DFT-PI2BPSK	L	Outer_Full	24.37	20.89	30	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Inner_1RB_Left	25.49	22.01	30	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Inner_1RB_Right	25.57	22.09	30	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Outer_Full	23.84	20.36	30	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Inner_1RB_Left	24.94	21.46	30	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Inner_1RB_Right	24.63	21.15	30	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Outer_Full	22.76	19.28	30	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Inner_1RB_Left	23.16	19.68	30	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Inner_1RB_Right	22.53	19.05	30	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Outer_Full	22.21	18.73	30	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Inner_1RB_Left	20.62	17.14	30	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Inner_1RB_Right	20.09	16.61	30	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Outer_Full	20.24	16.76	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Inner_1RB_Left	25.81	22.33	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Inner_1RB_Right	25.18	21.7	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	24.04	20.56	30	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Inner_1RB_Left	25.78	22.3	30	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Inner_1RB_Right	25.18	21.7	30	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	23.49	20.01	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.: SEWM2311000473RG02

Rev.: 01

Page: 13 of 195

3980									
N77-3700-3980	30	50	DFT-16QAM	M	Inner_1RB_Left	24.84	21.36	30	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Inner_1RB_Right	24.21	20.73	30	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	22.58	19.1	30	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Inner_1RB_Left	22.68	19.2	30	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Inner_1RB_Right	22.08	18.6	30	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	22.1	18.62	30	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Inner_1RB_Left	20.21	16.73	30	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Inner_1RB_Right	19.74	16.26	30	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	20.15	16.67	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Inner_1RB_Left	25.56	22.08	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Inner_1RB_Right	24.71	21.23	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Outer_Full	23.78	20.3	30	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Inner_1RB_Left	25.62	22.14	30	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Inner_1RB_Right	24.59	21.11	30	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Outer_Full	23.27	19.79	30	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Inner_1RB_Left	24.54	21.06	30	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Inner_1RB_Right	23.62	20.14	30	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Outer_Full	22.11	18.63	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)



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 14 of 195

N77-3700-3980	30	50	DFT-64QAM	H	Inner_1RB_Left	22.52	19.04	30	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Inner_1RB_Right	21.72	18.24	30	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Outer_Full	21.78	18.3	30	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Inner_1RB_Left	20	16.52	30	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Inner_1RB_Right	18.95	15.47	30	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Outer_Full	19.72	16.24	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Inner_1RB_Left	25.98	22.5	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Inner_1RB_Right	25.19	21.71	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Outer_Full	24.17	20.69	30	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Inner_1RB_Left	26.12	22.64	30	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Inner_1RB_Right	25.38	21.9	30	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Outer_Full	23.74	20.26	30	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Inner_1RB_Left	25.07	21.59	30	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Inner_1RB_Right	24.17	20.69	30	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Outer_Full	22.85	19.37	30	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Inner_1RB_Left	22.68	19.2	30	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Inner_1RB_Right	22.17	18.69	30	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Outer_Full	22.22	18.74	30	PASS
N77-3700-	30	60	DFT-256QAM	L	Inner_1RB_Left	20.4	16.92	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
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 15 of 195

3980									
N77-3700-3980	30	60	DFT-256QAM	L	Inner_1RB_Right	19.9	16.42	30	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Outer_Full	20.23	16.75	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Inner_1RB_Left	25.84	22.36	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Inner_1RB_Right	25.24	21.76	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	24.02	20.54	30	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Inner_1RB_Left	25.8	22.32	30	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Inner_1RB_Right	25.08	21.6	30	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	23.5	20.02	30	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Inner_1RB_Left	24.64	21.16	30	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Inner_1RB_Right	24.16	20.68	30	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	22.64	19.16	30	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Inner_1RB_Left	22.87	19.39	30	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Inner_1RB_Right	22.03	18.55	30	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	22.01	18.53	30	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Inner_1RB_Left	20.42	16.94	30	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Inner_1RB_Right	19.62	16.14	30	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	20.11	16.63	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Inner_1RB_Left	24.79	21.31	30	PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 16 of 195

N77-3700-3980	30	60	DFT-PI2BPSK	H	Inner_1RB_Right	24.83	21.35	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Outer_Full	23.81	20.33	30	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Inner_1RB_Left	25.85	22.37	30	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Inner_1RB_Right	24.67	21.19	30	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Outer_Full	23.27	19.79	30	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Inner_1RB_Left	24.76	21.28	30	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Inner_1RB_Right	23.73	20.25	30	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Outer_Full	22.19	18.71	30	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Inner_1RB_Left	22.81	19.33	30	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Inner_1RB_Right	21.74	18.26	30	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Outer_Full	21.74	18.26	30	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Inner_1RB_Left	20.25	16.77	30	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Inner_1RB_Right	19.27	15.79	30	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Outer_Full	19.68	16.2	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Inner_1RB_Left	25.96	22.48	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Inner_1RB_Right	25.22	21.74	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Outer_Full	24.25	20.77	30	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Inner_1RB_Left	26.11	22.63	30	PASS
N77-3700-	30	70	DFT-QPSK	L	Inner_1RB_Right	25.2	21.72	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)



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 17 of 195

3980					t				
N77-3700-3980	30	70	DFT-QPSK	L	Outer_Full	25.28	21.8	30	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Inner_1RB_Left	24.55	21.07	30	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Inner_1RB_Right	23.49	20.01	30	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Outer_Full	23.65	20.17	30	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Inner_1RB_Left	22.66	19.18	30	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Inner_1RB_Right	22.43	18.95	30	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Outer_Full	22.19	18.71	30	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Inner_1RB_Left	20.37	16.89	30	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Inner_1RB_Right	19.64	16.16	30	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Outer_Full	20.22	16.74	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Inner_1RB_Left	25.92	22.44	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Inner_1RB_Right	25.14	21.66	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Outer_Full	24.08	20.6	30	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Inner_1RB_Left	23.93	20.45	30	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Inner_1RB_Right	24.95	21.47	30	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	23.5	20.02	30	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Inner_1RB_Left	24.86	21.38	30	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Inner_1RB_Right	23.97	20.49	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)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 18 of 195

N77-3700-3980	30	70	DFT-16QAM	M	Outer_Full	22.62	19.14	30	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Inner_1RB_Left	22.74	19.26	30	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Inner_1RB_Right	21.98	18.5	30	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Outer_Full	22.09	18.61	30	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Inner_1RB_Left	20.27	16.79	30	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Inner_1RB_Right	19.36	15.88	30	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Outer_Full	19.93	16.45	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Inner_1RB_Left	25.81	22.33	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Inner_1RB_Right	24.66	21.18	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Outer_Full	24	20.52	30	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Inner_1RB_Left	24.57	21.09	30	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Inner_1RB_Right	24.73	21.25	30	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Outer_Full	23.39	19.91	30	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Inner_1RB_Left	24.83	21.35	30	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Inner_1RB_Right	23.58	20.1	30	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Outer_Full	22.43	18.95	30	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Inner_1RB_Left	22.68	19.2	30	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Inner_1RB_Right	21.7	18.22	30	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Outer_Full	21.82	18.34	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.: SEWM2311000473RG02

Rev.: 01

Page: 19 of 195

3980									
N77-3700-3980	30	70	DFT-256QAM	H	Inner_1RB_Left	20.27	16.79	30	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Inner_1RB_Right	19.24	15.76	30	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Outer_Full	19.78	16.3	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Inner_1RB_Left	26.02	22.54	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Inner_1RB_Right	25.15	21.67	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Outer_Full	24.29	20.81	30	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Inner_1RB_Left	26.01	22.53	30	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Inner_1RB_Right	25.26	21.78	30	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Outer_Full	23.65	20.17	30	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Inner_1RB_Left	25.07	21.59	30	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Inner_1RB_Right	24.21	20.73	30	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Outer_Full	22.76	19.28	30	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Inner_1RB_Left	22.82	19.34	30	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Inner_1RB_Right	21.99	18.51	30	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Outer_Full	22.32	18.84	30	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Inner_1RB_Left	20.51	17.03	30	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Inner_1RB_Right	19.26	15.78	30	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Outer_Full	20.16	16.68	30	PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 20 of 195

N77-3700-3980	30	80	DFT-PI2BPSK	M	Inner_1RB_Left	25.93	22.45	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Inner_1RB_Right	24.91	21.43	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Outer_Full	24.1	20.62	30	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Inner_1RB_Left	25.8	22.32	30	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Inner_1RB_Right	24.94	21.46	30	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	23.5	20.02	30	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Inner_1RB_Left	24.74	21.26	30	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Inner_1RB_Right	23.89	20.41	30	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	22.51	19.03	30	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Inner_1RB_Left	22.96	19.48	30	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Inner_1RB_Right	21.86	18.38	30	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	21.93	18.45	30	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Inner_1RB_Left	20.46	16.98	30	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Inner_1RB_Right	19.36	15.88	30	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	20.1	16.62	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Inner_1RB_Left	25.77	22.29	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Inner_1RB_Right	24.8	21.32	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Outer_Full	23.96	20.48	30	PASS
N77-3700-	30	80	DFT-QPSK	H	Inner_1RB_Left	25.75	22.27	30	PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 21 of 195

3980									
N77-3700-3980	30	80	DFT-QPSK	H	Inner_1RB_Right	24.76	21.28	30	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Outer_Full	23.45	19.97	30	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Inner_1RB_Left	24.83	21.35	30	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Inner_1RB_Right	23.76	20.28	30	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Outer_Full	22.41	18.93	30	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Inner_1RB_Left	22.89	19.41	30	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Inner_1RB_Right	21.61	18.13	30	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Outer_Full	21.85	18.37	30	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Inner_1RB_Left	20.27	16.79	30	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Inner_1RB_Right	19.21	15.73	30	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Outer_Full	19.79	16.31	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Inner_1RB_Left	25.98	22.5	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Inner_1RB_Right	24.94	21.46	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Outer_Full	24.27	20.79	30	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Inner_1RB_Left	24.14	20.66	30	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Inner_1RB_Right	25	21.52	30	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Outer_Full	23.67	20.19	30	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Inner_1RB_Left	25.08	21.6	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.: SEWM2311000473RG02

Rev.: 01

Page: 22 of 195

N77-3700-3980	30	90	DFT-16QAM	L	Inner_1RB_Right	24.01	20.53	30	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Outer_Full	22.79	19.31	30	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Inner_1RB_Left	23.1	19.62	30	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Inner_1RB_Right	21.9	18.42	30	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Outer_Full	22.23	18.75	30	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Inner_1RB_Left	20.66	17.18	30	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Inner_1RB_Right	19.3	15.82	30	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Outer_Full	20.07	16.59	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Inner_1RB_Left	26.08	22.6	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Inner_1RB_Right	24.66	21.18	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	24.11	20.63	30	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Inner_1RB_Left	25.98	22.5	30	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Inner_1RB_Right	24.69	21.21	30	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	23.67	20.19	30	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Inner_1RB_Left	24.87	21.39	30	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Inner_1RB_Right	23.86	20.38	30	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	22.36	18.88	30	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Inner_1RB_Left	23.01	19.53	30	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Inner_1RB_Right	21.77	18.29	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)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 23 of 195

3980					t				
N77-3700-3980	30	90	DFT-64QAM	M	Outer_Full	21.92	18.44	30	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Inner_1RB_Left	20.34	16.86	30	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Inner_1RB_Right	19.06	15.58	30	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Outer_Full	20.06	16.58	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Inner_1RB_Left	25.89	22.41	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Inner_1RB_Right	24.64	21.16	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Outer_Full	24.06	20.58	30	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Inner_1RB_Left	25.83	22.35	30	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Inner_1RB_Right	24.8	21.32	30	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Outer_Full	23.69	20.21	30	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Inner_1RB_Left	24.95	21.47	30	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Inner_1RB_Right	23.79	20.31	30	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Outer_Full	22.57	19.09	30	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Inner_1RB_Left	22.78	19.3	30	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Inner_1RB_Right	21.59	18.11	30	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Outer_Full	21.91	18.43	30	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Inner_1RB_Left	20.43	16.95	30	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Inner_1RB_Right	19.05	15.57	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)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 24 of 195

N77-3700-3980	30	90	DFT-256QAM	H	Outer_Full	19.97	16.49	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	26.04	22.56	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	24.66	21.18	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Outer_Full	24.19	20.71	30	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Left	26.08	22.6	30	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Right	24.77	21.29	30	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	23.61	20.13	30	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Left	24.97	21.49	30	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Right	23.55	20.07	30	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Outer_Full	22.47	18.99	30	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Left	23	19.52	30	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Right	21.66	18.18	30	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Outer_Full	22.08	18.6	30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Left	20.36	16.88	30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Right	19	15.52	30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	19.9	16.42	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	26.12	22.64	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	24.7	21.22	30	PASS
N77-3700-	30	100	DFT-	M	Outer_Full	24.16	20.68	30	PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 25 of 195

3980			PI2BPSK						
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Left	26.23	22.75	30	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Right	24.56	21.08	30	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	23.56	20.08	30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Left	24.97	21.49	30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Right	23.55	20.07	30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	22.56	19.08	30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Left	22.99	19.51	30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Right	21.66	18.18	30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	21.94	18.46	30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Left	20.46	16.98	30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Right	19.14	15.66	30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	20.01	16.53	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	26.06	22.58	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	24.75	21.27	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	23.92	20.44	30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Left	26.1	22.62	30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Right	24.72	21.24	30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	23.46	19.98	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
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 26 of 195

N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Left	25.16	21.68	30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Right	23.71	20.23	30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	22.62	19.14	30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Left	22.98	19.5	30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Right	21.7	18.22	30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	22.09	18.61	30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Left	20.49	17.01	30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Right	19.04	15.56	30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	20.07	16.59	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)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 27 of 195

Effective (Isotropic) Radiated Power Output Data for MIMO

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant0 (dBm)	Power Ant6 (dBm)	Total Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N77-3700-3980	30	10	DFT-QPSK	L	Inner_1RB_Left	26.12	25.40	28.79	25.31	30	PAS S
N77-3700-3980	30	10	DFT-16QAM	L	Inner_1RB_Left	25.03	24.50	27.78	24.30	30	PAS S
N77-3700-3980	30	10	DFT-QPSK	M	Inner_1RB_Left	25.76	25.28	28.54	25.06	30	PAS S
N77-3700-3980	30	10	DFT-16QAM	M	Inner_1RB_Left	24.78	24.32	27.57	24.09	30	PAS S
N77-3700-3980	30	10	DFT-QPSK	H	Inner_1RB_Left	25.76	25.10	28.45	24.97	30	PAS S
N77-3700-3980	30	10	DFT-16QAM	H	Inner_1RB_Left	24.41	24.26	27.35	23.87	30	PAS S
N77-3700-3980	30	15	DFT-QPSK	L	Inner_1RB_Left	25.89	25.32	28.62	25.14	30	PAS S
N77-3700-3980	30	15	DFT-16QAM	L	Inner_1RB_Left	25.34	24.90	28.14	24.66	30	PAS S
N77-3700-3980	30	15	DFT-QPSK	M	Inner_1RB_Left	25.89	25.33	28.63	25.15	30	PAS S
N77-3700-3980	30	15	DFT-16QAM	M	Inner_1RB_Left	25.27	24.58	27.95	24.47	30	PAS S
N77-3700-3980	30	15	DFT-QPSK	H	Inner_1RB_Left	25.56	25.10	28.35	24.87	30	PAS S
N77-3700-3980	30	15	DFT-16QAM	H	Inner_1RB_Left	25.05	24.41	27.75	24.27	30	PAS S
N77-3700-3980	30	20	DFT-QPSK	L	Inner_1RB_Left	26.25	25.53	28.92	25.44	30	PAS S
N77-3700-3980	30	20	DFT-16QAM	L	Inner_1RB_Left	24.99	24.74	27.88	24.40	30	PAS S
N77-3700-3980	30	20	DFT-QPSK	M	Inner_1RB_Left	25.98	25.44	28.73	25.25	30	PAS



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

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

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

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

Member of the SGS Group (SGS SA)



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 28 of 195

											S
N77-3700-3980	30	20	DFT-16QAM	M	Inner_1RB_Left	25.07	24.36	27.74	24.26	30	PAS S
N77-3700-3980	30	20	DFT-QPSK	H	Inner_1RB_Left	25.85	25.23	28.56	25.08	30	PAS S
N77-3700-3980	30	20	DFT-16QAM	H	Inner_1RB_Left	24.80	24.03	27.44	23.96	30	PAS S
N77-3700-3980	30	40	DFT-QPSK	L	Inner_1RB_Left	26.03	25.63	28.84	25.36	30	PAS S
N77-3700-3980	30	40	DFT-16QAM	L	Inner_1RB_Left	25.20	24.60	27.92	24.44	30	PAS S
N77-3700-3980	30	40	DFT-QPSK	M	Inner_1RB_Left	25.85	25.26	28.58	25.10	30	PAS S
N77-3700-3980	30	40	DFT-16QAM	M	Inner_1RB_Left	24.99	24.12	27.59	24.11	30	PAS S
N77-3700-3980	30	40	DFT-QPSK	H	Inner_1RB_Left	26.19	24.64	28.49	25.01	30	PAS S
N77-3700-3980	30	40	DFT-16QAM	H	Inner_1RB_Left	25.21	23.97	27.64	24.16	30	PAS S
N77-3700-3980	30	50	DFT-QPSK	L	Inner_1RB_Left	26.22	25.25	28.77	25.29	30	PAS S
N77-3700-3980	30	50	DFT-16QAM	L	Inner_1RB_Left	25.24	24.33	27.82	24.34	30	PAS S
N77-3700-3980	30	50	DFT-QPSK	M	Inner_1RB_Left	25.71	25.09	28.42	24.94	30	PAS S
N77-3700-3980	30	50	DFT-16QAM	M	Inner_1RB_Left	24.89	24.03	27.49	24.01	30	PAS S
N77-3700-3980	30	50	DFT-QPSK	H	Inner_1RB_Left	26.24	24.96	28.66	25.18	30	PAS S
N77-3700-3980	30	50	DFT-16QAM	H	Inner_1RB_Left	25.16	23.98	27.62	24.14	30	PAS S
N77-3700-3980	30	60	DFT-QPSK	L	Inner_1RB_Left	26.31	25.59	28.98	25.50	30	PAS S
N77-3700-3980	30	60	DFT-16QAM	L	Inner_1RB_Left	25.24	24.48	27.89	24.41	30	PAS S
N77-3700-3980	30	60	DFT-QPSK	M	Inner_1RB_Left	25.85	24.85	28.39	24.91	30	PAS S



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

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

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

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

Member of the SGS Group (SGS SA)



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 29 of 195

N77-3700-3980	30	60	DFT-16QAM	M	Inner_1RB_Left	24.84	24.02	27.46	23.98	30	PAS S
N77-3700-3980	30	60	DFT-QPSK	H	Inner_1RB_Left	25.83	25.18	28.53	25.05	30	PAS S
N77-3700-3980	30	60	DFT-16QAM	H	Inner_1RB_Left	24.74	24.10	27.44	23.96	30	PAS S
N77-3700-3980	30	70	DFT-QPSK	L	Inner_1RB_Left	25.99	25.25	28.65	25.17	30	PAS S
N77-3700-3980	30	70	DFT-16QAM	L	Inner_1RB_Left	25.13	24.07	27.64	24.16	30	PAS S
N77-3700-3980	30	70	DFT-QPSK	M	Inner_1RB_Left	25.58	24.99	28.31	24.83	30	PAS S
N77-3700-3980	30	70	DFT-16QAM	M	Inner_1RB_Left	24.70	23.77	27.27	23.79	30	PAS S
N77-3700-3980	30	70	DFT-QPSK	H	Inner_1RB_Left	25.68	25.29	28.50	25.02	30	PAS S
N77-3700-3980	30	70	DFT-16QAM	H	Inner_1RB_Left	24.48	24.44	27.47	23.99	30	PAS S
N77-3700-3980	30	80	DFT-QPSK	L	Inner_1RB_Left	26.07	25.62	28.86	25.38	30	PAS S
N77-3700-3980	30	80	DFT-16QAM	L	Inner_1RB_Left	25.13	24.28	27.74	24.26	30	PAS S
N77-3700-3980	30	80	DFT-QPSK	M	Inner_1RB_Left	25.63	24.89	28.29	24.81	30	PAS S
N77-3700-3980	30	80	DFT-16QAM	M	Inner_1RB_Left	24.61	23.86	27.26	23.78	30	PAS S
N77-3700-3980	30	80	DFT-QPSK	H	Inner_1RB_Left	25.73	25.29	28.53	25.05	30	PAS S
N77-3700-3980	30	80	DFT-16QAM	H	Inner_1RB_Left	24.64	24.24	27.45	23.97	30	PAS S
N77-3700-3980	30	90	DFT-QPSK	L	Inner_1RB_Left	26.15	25.54	28.87	25.39	30	PAS S
N77-3700-3980	30	90	DFT-16QAM	L	Inner_1RB_Left	25.08	24.41	27.77	24.29	30	PAS S
N77-3700-3980	30	90	DFT-QPSK	M	Inner_1RB_Left	25.59	24.93	28.28	24.80	30	PAS S
N77-3700-3980	30	90	DFT-16QAM	M	Inner_1RB_Left	24.72	23.92	27.35	23.87	30	PAS



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

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

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

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

Member of the SGS Group (SGS SA)



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 30 of 195

											S
N77-3700-3980	30	90	DFT-QPSK	H	Inner_1RB_Left	25.66	25.09	28.39	24.91	30	PAS S
N77-3700-3980	30	90	DFT-16QAM	H	Inner_1RB_Left	24.53	24.17	27.36	23.88	30	PAS S
N77-3700-3980	30	100	DFT- PI2BPSK	L	Inner_1RB_Left	25.75	25.07	28.43	24.95	30	PAS S
N77-3700-3980	30	100	DFT- PI2BPSK	L	Inner_1RB_Right	25.78	24.96	28.40	24.92	30	PAS S
N77-3700-3980	30	100	DFT- PI2BPSK	L	Outer_Full	24.02	23.36	26.71	23.23	30	PAS S
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Left	25.53	25.37	28.46	24.98	30	PAS S
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Right	25.50	25.27	28.40	24.92	30	PAS S
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	24.43	23.40	26.96	23.48	30	PAS S
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Left	25.27	24.42	27.88	24.40	30	PAS S
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Right	24.65	23.87	27.29	23.81	30	PAS S
N77-3700-3980	30	100	DFT-16QAM	L	Outer_Full	22.99	22.43	25.73	22.25	30	PAS S
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Left	22.96	22.36	25.68	22.20	30	PAS S
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Right	22.56	21.92	25.26	21.78	30	PAS S
N77-3700-3980	30	100	DFT-64QAM	L	Outer_Full	22.61	21.94	25.30	21.82	30	PAS S
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Left	20.17	22.12	24.26	20.78	30	PAS S
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Right	19.66	21.81	23.88	20.40	30	PAS S
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	20.54	22.26	24.49	21.01	30	PAS S
N77-3700-3980	30	100	DFT- PI2BPSK	M	Inner_1RB_Left	25.85	24.94	28.43	24.95	30	PAS S



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

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

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

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

Member of the SGS Group (SGS SA)



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 31 of 195

N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	25.86	25.25	28.58	25.10	30	PAS S
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	23.84	22.98	26.44	22.96	30	PAS S
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Left	25.90	24.85	28.42	24.94	30	PAS S
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Right	25.95	24.99	28.51	25.03	30	PAS S
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	24.05	23.14	26.63	23.15	30	PAS S
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Left	24.87	24.09	27.51	24.03	30	PAS S
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Right	24.90	24.09	27.52	24.04	30	PAS S
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	23.00	22.21	25.63	22.15	30	PAS S
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Left	22.78	21.93	25.39	21.91	30	PAS S
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Right	22.86	22.12	25.52	22.04	30	PAS S
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	22.46	21.61	25.07	21.59	30	PAS S
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Left	19.92	21.75	23.94	20.46	30	PAS S
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Right	19.95	21.88	24.03	20.55	30	PAS S
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	20.53	21.99	24.33	20.85	30	PAS S
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	25.54	24.88	28.23	24.75	30	PAS S
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	25.68	25.23	28.47	24.99	30	PAS S
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	23.91	23.17	26.57	23.09	30	PAS S
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Left	25.54	25.14	28.35	24.87	30	PAS S
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Right	25.60	25.46	28.54	25.06	30	PAS



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

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

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

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

Member of the SGS Group (SGS SA)



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 32 of 195

											S
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	24.12	23.36	26.77	23.29	30	PAS S
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Left	24.40	23.83	27.13	23.65	30	PAS S
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Right	24.62	24.38	27.51	24.03	30	PAS S
N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	22.96	22.37	25.69	22.21	30	PAS S
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Left	22.54	21.68	25.14	21.66	30	PAS S
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Right	22.60	22.22	25.42	21.94	30	PAS S
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	22.21	21.57	24.91	21.43	30	PAS S
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Left	20.11	21.62	23.94	20.46	30	PAS S
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Right	20.14	22.07	24.22	20.74	30	PAS S
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	20.34	21.89	24.19	20.71	30	PAS S



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

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

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

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

Member of the SGS Group (SGS SA)



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 33 of 195

Peak-to-Average Ratio for SA

Peak-to-Average Ratio(PAPR)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	100%	0.00	9.66	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	100%	0.00	9.77	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	100%	0.00	9.76	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	100%	0.00	9.66	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	100%	0.00	10.01	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	100%	0.00	10.11	≤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

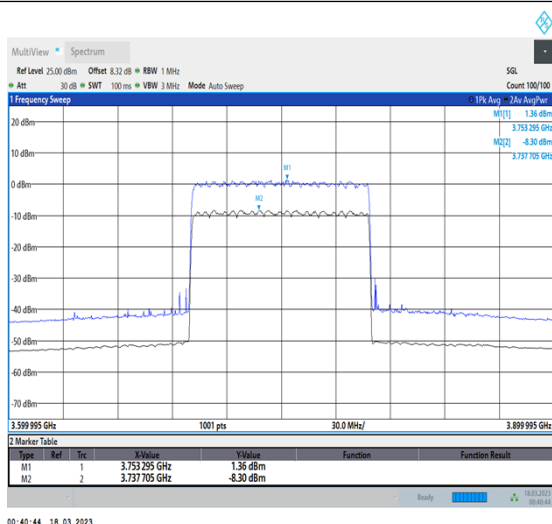
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

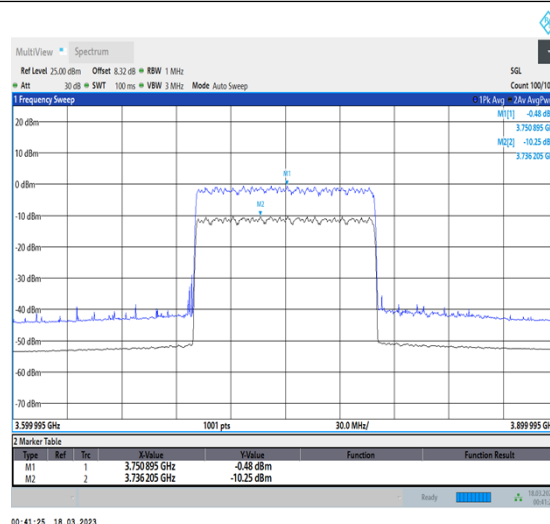
Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02
Rev.: 01
Page: 34 of 195

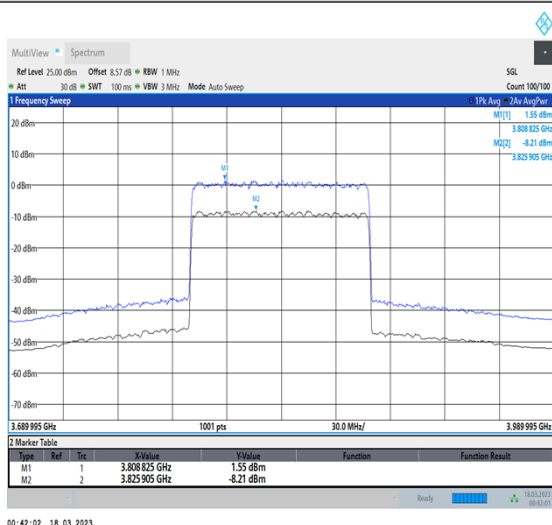
Test Graphs



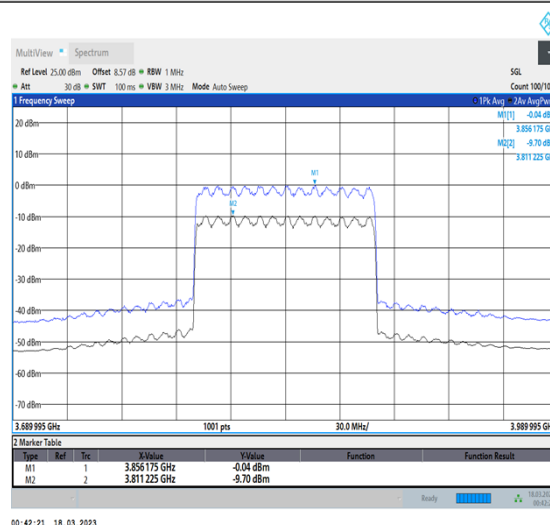
1-N77-3700-3980-30-100-L-1-DFT-256QAM-Outer_Full-270@0-Ant0-9.66-100%-0.00-9.66-PASS-≤13



1-N77-3700-3980-30-100-L-2-CP-256QAM-Outer_Full-273@0-Ant0-9.77-100%-0.00-9.77-PASS-≤13



1-N77-3700-3980-30-100-M-1-DFT-256QAM-Outer_Full-270@0-Ant0-9.76-100%-0.00-9.76-PASS-≤13



1-N77-3700-3980-30-100-M-2-CP-256QAM-Outer_Full-273@0-Ant0-9.66-100%-0.00-9.66-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) 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号厂房南面 邮编: 215000

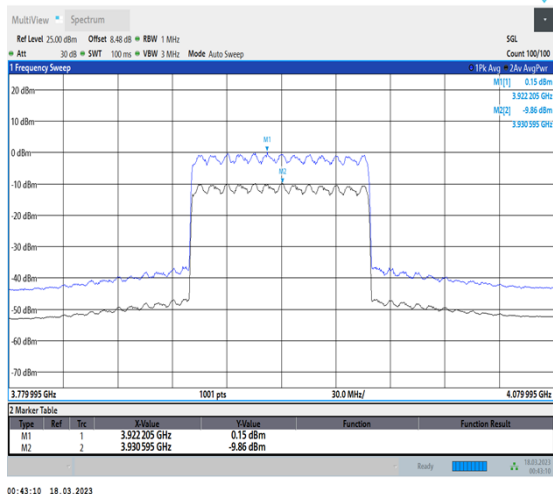
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

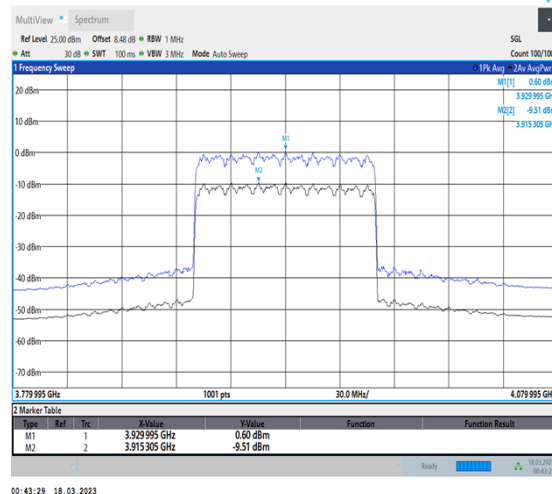
Report No.: SEWM2311000473RG02

Rev.: 01

Page: 35 of 195



1-N77-3700-3980-30-100-H-1-DFT-256QAM-
Outer_Full-270@0-Ant0-10.01-100%-0.00-10.01-
PASS≤13



1-N77-3700-3980-30-100-H-2-CP-256QAM-
Outer_Full-273@0-Ant0-10.11-100%-0.00-10.11-
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.: SEWM2311000473RG02

Rev.: 01

Page: 36 of 195

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	8.565	9.140	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Outer_Full	8.552	9.300	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Outer_Full	8.57	9.080	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Outer_Full	8.565	9.160	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Outer_Full	8.573	9.200	PASS
N77-3700-3980	30	10	CP-QPSK	L	Outer_Full	8.55	9.340	PASS
N77-3700-3980	30	10	CP-16QAM	L	Outer_Full	8.57	9.160	PASS
N77-3700-3980	30	10	CP-64QAM	L	Outer_Full	8.554	9.200	PASS
N77-3700-3980	30	10	CP-256QAM	L	Outer_Full	8.541	9.320	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	8.589	9.360	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	8.587	9.240	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	8.621	9.020	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	8.586	9.220	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	8.552	9.220	PASS
N77-3700-3980	30	10	CP-QPSK	M	Outer_Full	8.569	9.220	PASS
N77-3700-3980	30	10	CP-16QAM	M	Outer_Full	8.558	9.260	PASS
N77-3700-3980	30	10	CP-64QAM	M	Outer_Full	8.546	9.200	PASS
N77-3700-3980	30	10	CP-256QAM	M	Outer_Full	8.536	9.220	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	8.578	9.180	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Outer_Full	8.613	9.260	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Outer_Full	8.593	9.220	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Outer_Full	8.573	9.180	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Outer_Full	8.573	9.060	PASS
N77-3700-3980	30	10	CP-QPSK	H	Outer_Full	8.559	9.180	PASS
N77-3700-3980	30	10	CP-16QAM	H	Outer_Full	8.593	9.180	PASS
N77-3700-3980	30	10	CP-64QAM	H	Outer_Full	8.581	9.280	PASS
N77-3700-3980	30	10	CP-256QAM	H	Outer_Full	8.58	9.120	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	12.89	13.770	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Outer_Full	12.823	13.620	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Outer_Full	12.841	13.560	PASS



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

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

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

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

Member of the SGS Group (SGS SA)



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 37 of 195

N77-3700-3980	30	15	DFT-64QAM	L	Outer_Full	12.87	13.710	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Outer_Full	12.83	13.620	PASS
N77-3700-3980	30	15	CP-QPSK	L	Outer_Full	13.574	14.250	PASS
N77-3700-3980	30	15	CP-16QAM	L	Outer_Full	13.59	14.280	PASS
N77-3700-3980	30	15	CP-64QAM	L	Outer_Full	13.556	14.250	PASS
N77-3700-3980	30	15	CP-256QAM	L	Outer_Full	13.579	14.400	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	12.89	13.500	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	12.81	13.560	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	12.836	13.710	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	12.89	13.650	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	12.859	13.830	PASS
N77-3700-3980	30	15	CP-QPSK	M	Outer_Full	13.56	14.220	PASS
N77-3700-3980	30	15	CP-16QAM	M	Outer_Full	13.575	14.430	PASS
N77-3700-3980	30	15	CP-64QAM	M	Outer_Full	13.563	14.460	PASS
N77-3700-3980	30	15	CP-256QAM	M	Outer_Full	13.588	14.280	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	12.894	13.590	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Outer_Full	12.873	13.590	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Outer_Full	12.884	13.680	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Outer_Full	12.87	13.620	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Outer_Full	12.884	13.560	PASS
N77-3700-3980	30	15	CP-QPSK	H	Outer_Full	13.595	14.220	PASS
N77-3700-3980	30	15	CP-16QAM	H	Outer_Full	13.579	14.400	PASS
N77-3700-3980	30	15	CP-64QAM	H	Outer_Full	13.533	14.340	PASS
N77-3700-3980	30	15	CP-256QAM	H	Outer_Full	13.585	14.340	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	17.759	18.680	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Outer_Full	17.843	18.680	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Outer_Full	17.811	18.720	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Outer_Full	17.777	18.680	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Outer_Full	17.718	18.760	PASS
N77-3700-3980	30	20	CP-QPSK	L	Outer_Full	18.245	19.080	PASS
N77-3700-3980	30	20	CP-16QAM	L	Outer_Full	18.241	18.920	PASS
N77-3700-3980	30	20	CP-64QAM	L	Outer_Full	18.184	19.080	PASS
N77-3700-3980	30	20	CP-256QAM	L	Outer_Full	18.143	18.960	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	17.856	18.680	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	17.834	18.640	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	17.636	18.640	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	17.845	18.720	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 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.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 38 of 195

N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	17.824	18.720	PASS
N77-3700-3980	30	20	CP-QPSK	M	Outer_Full	18.165	19.040	PASS
N77-3700-3980	30	20	CP-16QAM	M	Outer_Full	18.237	19.280	PASS
N77-3700-3980	30	20	CP-64QAM	M	Outer_Full	18.207	19.200	PASS
N77-3700-3980	30	20	CP-256QAM	M	Outer_Full	18.129	19.160	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	17.784	18.480	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Outer_Full	17.724	18.760	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Outer_Full	17.886	18.760	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Outer_Full	17.801	18.680	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Outer_Full	17.864	18.640	PASS
N77-3700-3980	30	20	CP-QPSK	H	Outer_Full	18.17	19.160	PASS
N77-3700-3980	30	20	CP-16QAM	H	Outer_Full	18.208	19.000	PASS
N77-3700-3980	30	20	CP-64QAM	H	Outer_Full	18.143	18.880	PASS
N77-3700-3980	30	20	CP-256QAM	H	Outer_Full	18.234	19.000	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	35.795	37.440	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Outer_Full	35.78	37.280	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Outer_Full	35.594	37.280	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Outer_Full	35.805	37.280	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Outer_Full	35.744	37.440	PASS
N77-3700-3980	30	40	CP-QPSK	L	Outer_Full	37.831	39.360	PASS
N77-3700-3980	30	40	CP-16QAM	L	Outer_Full	37.77	39.360	PASS
N77-3700-3980	30	40	CP-64QAM	L	Outer_Full	37.891	39.840	PASS
N77-3700-3980	30	40	CP-256QAM	L	Outer_Full	37.955	39.760	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	35.813	37.280	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	35.73	37.360	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	35.828	37.360	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Outer_Full	35.684	37.440	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	35.889	37.280	PASS
N77-3700-3980	30	40	CP-QPSK	M	Outer_Full	37.851	39.360	PASS
N77-3700-3980	30	40	CP-16QAM	M	Outer_Full	37.828	39.520	PASS
N77-3700-3980	30	40	CP-64QAM	M	Outer_Full	37.826	39.680	PASS
N77-3700-3980	30	40	CP-256QAM	M	Outer_Full	37.848	39.680	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Outer_Full	35.791	37.360	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Outer_Full	35.727	37.360	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Outer_Full	35.747	37.360	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Outer_Full	35.848	37.520	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Outer_Full	35.772	37.360	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号厂房南面 邮编：215000

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

Member of the SGS Group (SGS SA)



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 39 of 195

N77-3700-3980	30	40	CP-QPSK	H	Outer_Full	37.897	39.440	PASS
N77-3700-3980	30	40	CP-16QAM	H	Outer_Full	37.938	39.440	PASS
N77-3700-3980	30	40	CP-64QAM	H	Outer_Full	37.829	39.440	PASS
N77-3700-3980	30	40	CP-256QAM	H	Outer_Full	37.792	39.600	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Outer_Full	45.654	47.400	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Outer_Full	45.681	47.500	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Outer_Full	45.701	47.400	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Outer_Full	45.643	47.400	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Outer_Full	45.651	47.400	PASS
N77-3700-3980	30	50	CP-QPSK	L	Outer_Full	47.428	49.300	PASS
N77-3700-3980	30	50	CP-16QAM	L	Outer_Full	47.451	49.200	PASS
N77-3700-3980	30	50	CP-64QAM	L	Outer_Full	47.363	49.400	PASS
N77-3700-3980	30	50	CP-256QAM	L	Outer_Full	47.36	49.300	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	45.722	47.500	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	45.59	47.600	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	45.735	47.400	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	45.763	47.400	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	45.648	47.500	PASS
N77-3700-3980	30	50	CP-QPSK	M	Outer_Full	47.321	49.200	PASS
N77-3700-3980	30	50	CP-16QAM	M	Outer_Full	47.292	49.300	PASS
N77-3700-3980	30	50	CP-64QAM	M	Outer_Full	47.398	49.400	PASS
N77-3700-3980	30	50	CP-256QAM	M	Outer_Full	47.377	49.200	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Outer_Full	45.649	47.400	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Outer_Full	45.739	47.400	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Outer_Full	45.747	47.600	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Outer_Full	45.637	47.500	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Outer_Full	45.793	47.300	PASS
N77-3700-3980	30	50	CP-QPSK	H	Outer_Full	47.547	49.300	PASS
N77-3700-3980	30	50	CP-16QAM	H	Outer_Full	47.395	49.200	PASS
N77-3700-3980	30	50	CP-64QAM	H	Outer_Full	47.427	49.500	PASS
N77-3700-3980	30	50	CP-256QAM	H	Outer_Full	47.364	49.100	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Outer_Full	57.73	59.880	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Outer_Full	57.858	60.000	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Outer_Full	57.755	59.760	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Outer_Full	57.857	59.640	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Outer_Full	58.052	59.760	PASS
N77-3700-3980	30	60	CP-QPSK	L	Outer_Full	57.507	59.880	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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 40 of 195

N77-3700-3980	30	60	CP-16QAM	L	Outer_Full	57.66	59.640	PASS
N77-3700-3980	30	60	CP-64QAM	L	Outer_Full	57.673	59.880	PASS
N77-3700-3980	30	60	CP-256QAM	L	Outer_Full	57.759	59.640	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	57.886	59.640	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	57.755	59.760	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	57.842	59.760	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	57.828	59.760	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	57.806	59.640	PASS
N77-3700-3980	30	60	CP-QPSK	M	Outer_Full	57.714	59.760	PASS
N77-3700-3980	30	60	CP-16QAM	M	Outer_Full	57.844	59.880	PASS
N77-3700-3980	30	60	CP-64QAM	M	Outer_Full	57.712	59.760	PASS
N77-3700-3980	30	60	CP-256QAM	M	Outer_Full	57.759	59.640	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Outer_Full	57.814	59.880	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Outer_Full	57.877	59.760	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Outer_Full	57.664	59.760	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Outer_Full	57.702	59.760	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Outer_Full	57.777	59.760	PASS
N77-3700-3980	30	60	CP-QPSK	H	Outer_Full	57.936	59.520	PASS
N77-3700-3980	30	60	CP-16QAM	H	Outer_Full	57.886	59.760	PASS
N77-3700-3980	30	60	CP-64QAM	H	Outer_Full	57.771	59.760	PASS
N77-3700-3980	30	60	CP-256QAM	H	Outer_Full	57.687	59.640	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Outer_Full	64.054	66.500	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Outer_Full	64.334	66.220	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Outer_Full	64.4	66.220	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Outer_Full	64.263	66.220	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Outer_Full	64.136	66.360	PASS
N77-3700-3980	30	70	CP-QPSK	L	Outer_Full	67.364	69.440	PASS
N77-3700-3980	30	70	CP-16QAM	L	Outer_Full	67.388	69.580	PASS
N77-3700-3980	30	70	CP-64QAM	L	Outer_Full	67.37	69.440	PASS
N77-3700-3980	30	70	CP-256QAM	L	Outer_Full	67.401	69.440	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	64.376	66.360	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Outer_Full	64.216	66.360	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Outer_Full	64.232	66.360	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Outer_Full	64.171	66.360	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Outer_Full	64.294	66.360	PASS
N77-3700-3980	30	70	CP-QPSK	M	Outer_Full	67.295	69.440	PASS
N77-3700-3980	30	70	CP-16QAM	M	Outer_Full	67.121	69.440	PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 41 of 195

N77-3700-3980	30	70	CP-64QAM	M	Outer_Full	67.285	69.720	PASS
N77-3700-3980	30	70	CP-256QAM	M	Outer_Full	67.236	69.580	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Outer_Full	64.204	66.360	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Outer_Full	64.142	66.360	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Outer_Full	64.203	66.220	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Outer_Full	64.21	66.220	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Outer_Full	64.143	66.080	PASS
N77-3700-3980	30	70	CP-QPSK	H	Outer_Full	67.316	69.440	PASS
N77-3700-3980	30	70	CP-16QAM	H	Outer_Full	67.34	69.440	PASS
N77-3700-3980	30	70	CP-64QAM	H	Outer_Full	67.338	69.440	PASS
N77-3700-3980	30	70	CP-256QAM	H	Outer_Full	67.372	69.580	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Outer_Full	76.972	80.160	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Outer_Full	77.003	80.000	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Outer_Full	76.941	80.160	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Outer_Full	76.86	80.160	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Outer_Full	77.155	80.160	PASS
N77-3700-3980	30	80	CP-QPSK	L	Outer_Full	77.489	80.480	PASS
N77-3700-3980	30	80	CP-16QAM	L	Outer_Full	77.302	80.320	PASS
N77-3700-3980	30	80	CP-64QAM	L	Outer_Full	77.499	80.640	PASS
N77-3700-3980	30	80	CP-256QAM	L	Outer_Full	77.245	80.640	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	77.202	80.160	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Outer_Full	77.113	80.160	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	77.184	80.000	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	77.004	80.320	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	77.03	80.320	PASS
N77-3700-3980	30	80	CP-QPSK	M	Outer_Full	77.455	80.480	PASS
N77-3700-3980	30	80	CP-16QAM	M	Outer_Full	77.368	80.640	PASS
N77-3700-3980	30	80	CP-64QAM	M	Outer_Full	77.488	80.480	PASS
N77-3700-3980	30	80	CP-256QAM	M	Outer_Full	77.322	80.640	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Outer_Full	77.088	80.320	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Outer_Full	77.041	80.320	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Outer_Full	77.062	80.320	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Outer_Full	76.863	80.320	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Outer_Full	76.886	80.320	PASS
N77-3700-3980	30	80	CP-QPSK	H	Outer_Full	77.349	80.640	PASS
N77-3700-3980	30	80	CP-16QAM	H	Outer_Full	77.468	80.480	PASS
N77-3700-3980	30	80	CP-64QAM	H	Outer_Full	77.429	80.320	PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 42 of 195

N77-3700-3980	30	80	CP-256QAM	H	Outer_Full	77.377	80.640	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Outer_Full	85.775	88.920	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Outer_Full	85.725	89.100	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Outer_Full	85.61	88.740	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Outer_Full	85.515	88.920	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Outer_Full	85.734	88.920	PASS
N77-3700-3980	30	90	CP-QPSK	L	Outer_Full	87.339	90.720	PASS
N77-3700-3980	30	90	CP-16QAM	L	Outer_Full	87.329	90.720	PASS
N77-3700-3980	30	90	CP-64QAM	L	Outer_Full	87.219	90.900	PASS
N77-3700-3980	30	90	CP-256QAM	L	Outer_Full	87.286	90.720	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	85.596	88.920	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	85.457	88.920	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	85.909	88.920	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Outer_Full	85.658	88.920	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Outer_Full	85.683	88.920	PASS
N77-3700-3980	30	90	CP-QPSK	M	Outer_Full	87.274	90.720	PASS
N77-3700-3980	30	90	CP-16QAM	M	Outer_Full	87.488	90.720	PASS
N77-3700-3980	30	90	CP-64QAM	M	Outer_Full	87.248	90.720	PASS
N77-3700-3980	30	90	CP-256QAM	M	Outer_Full	87.15	90.900	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Outer_Full	85.503	88.920	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Outer_Full	85.611	88.920	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Outer_Full	85.488	88.920	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Outer_Full	85.864	88.920	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Outer_Full	85.497	88.740	PASS
N77-3700-3980	30	90	CP-QPSK	H	Outer_Full	87.554	90.720	PASS
N77-3700-3980	30	90	CP-16QAM	H	Outer_Full	87.174	90.720	PASS
N77-3700-3980	30	90	CP-64QAM	H	Outer_Full	87.313	90.900	PASS
N77-3700-3980	30	90	CP-256QAM	H	Outer_Full	87.397	90.720	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	96.139	99.800	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Outer_Full	96.259	99.800	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Outer_Full	96.284	99.800	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Outer_Full	96.103	99.800	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	96.088	99.800	PASS
N77-3700-3980	30	100	CP-QPSK	L	Outer_Full	97.248	100.800	PASS
N77-3700-3980	30	100	CP-16QAM	L	Outer_Full	97.246	100.800	PASS
N77-3700-3980	30	100	CP-64QAM	L	Outer_Full	97.043	100.800	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	97.083	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号厂房南面 邮编：215000

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

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 43 of 195

N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	96.239	99.800	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	96.435	99.800	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	96.029	99.800	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	96.346	99.800	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	96.274	99.800	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	97.361	101.000	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	97.514	100.800	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	97.152	100.800	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	97.321	100.800	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	96.12	99.800	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	96.129	99.800	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	96.495	99.800	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	95.998	99.800	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	96.036	99.800	PASS
N77-3700-3980	30	100	CP-QPSK	H	Outer_Full	97.214	100.800	PASS
N77-3700-3980	30	100	CP-16QAM	H	Outer_Full	97.193	101.000	PASS
N77-3700-3980	30	100	CP-64QAM	H	Outer_Full	97.421	100.600	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	97.141	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

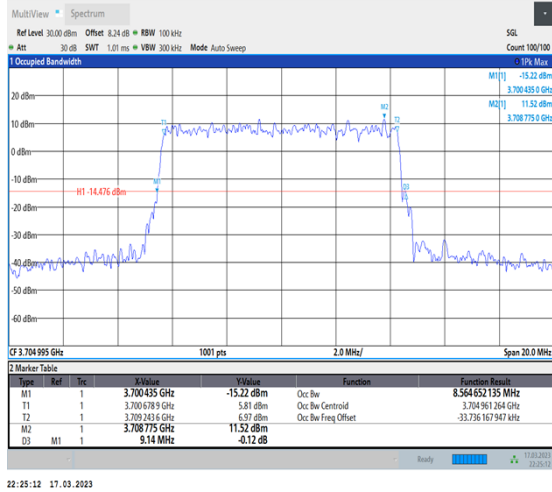
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

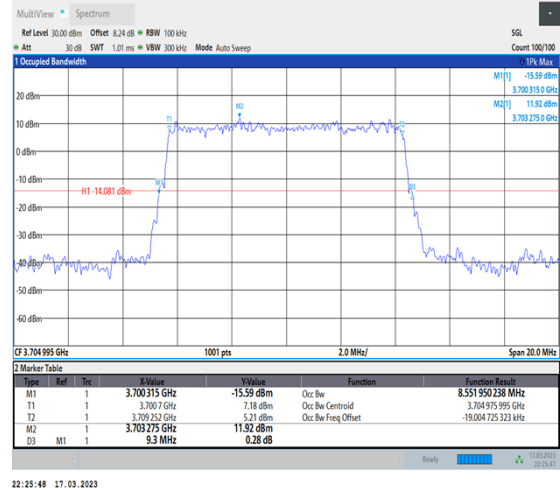
Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02
Rev.: 01
Page: 44 of 195

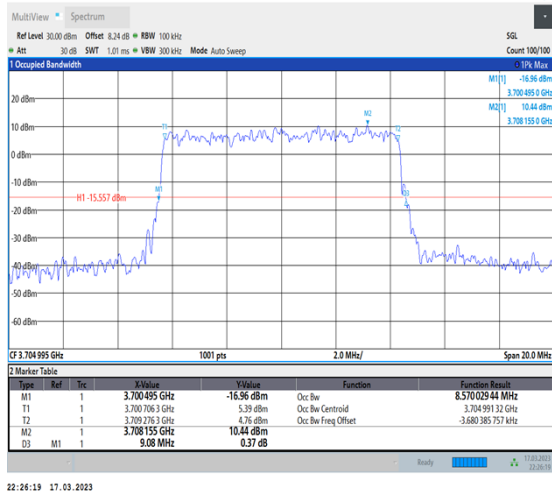
Test Graphs



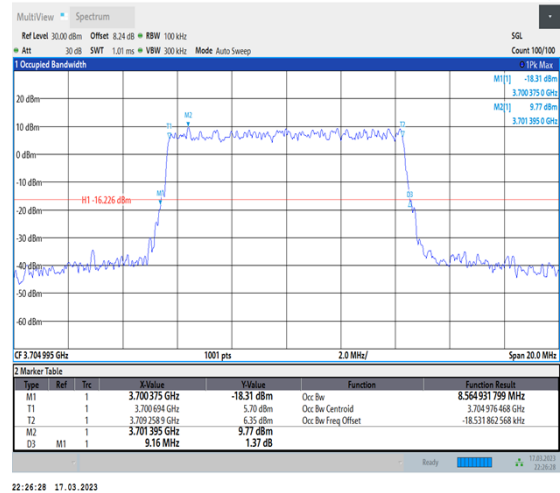
1-N77-3700-3980-30-10-L-1-DFT-QPSK-Outer_Full-24@0-Ant0-8.565-9.140-≤10-PASS



1-N77-3700-3980-30-10-L-2-DFT-PI2BPSK-Outer_Full-24@0-Ant0-8.552-9.300-≤10-PASS



1-N77-3700-3980-30-10-L-3-DFT-16QAM-Outer_Full-24@0-Ant0-8.57-9.080-≤10-PASS



1-N77-3700-3980-30-10-L-4-DFT-64QAM-Outer_Full-24@0-Ant0-8.565-9.160-≤10-PASS



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

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

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

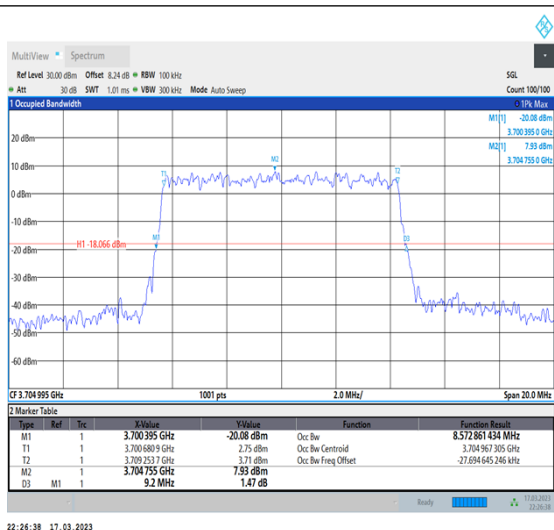
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

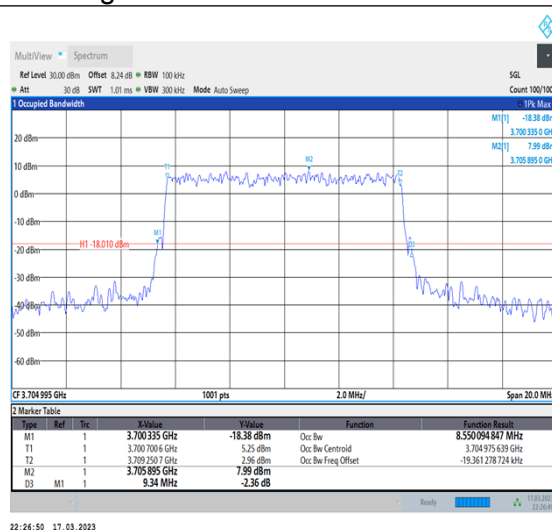
Rev.: 01

Page: 45 of 195



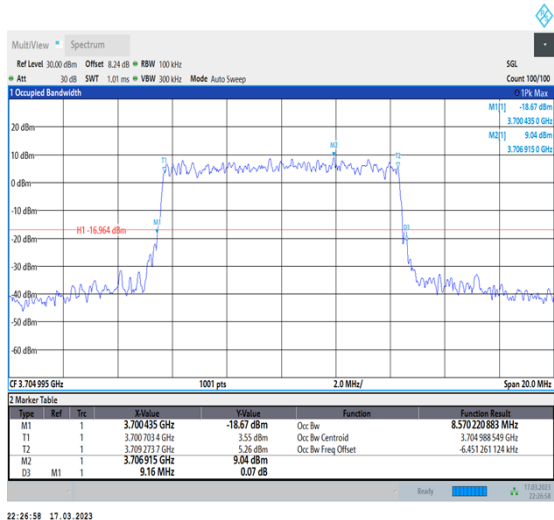
22:26:38 17.03.2023

1-N77-3700-3980-30-10-L-5-DFT-256QAM-Outer_Full-24@0-Ant0-8.573-9.200-≤10-PASS



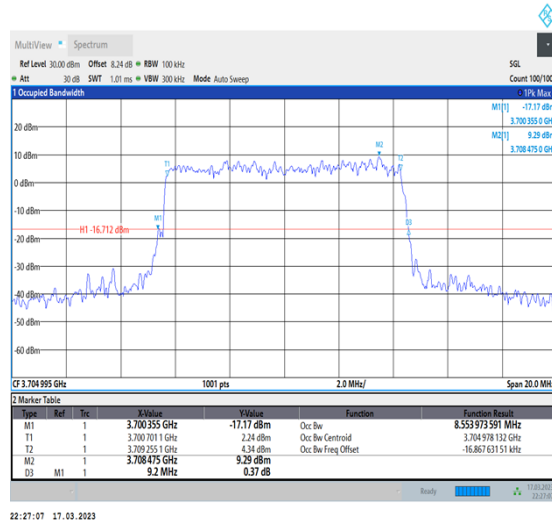
22:26:50 17.03.2023

1-N77-3700-3980-30-10-L-6-CP-QPSK-Outer_Full-24@0-Ant0-8.55-9.340-≤10-PASS



22:26:58 17.03.2023

1-N77-3700-3980-30-10-L-7-CP-16QAM-Outer_Full-24@0-Ant0-8.57-9.160-≤10-PASS



22:27:07 17.03.2023

1-N77-3700-3980-30-10-L-8-CP-64QAM-Outer_Full-24@0-Ant0-8.554-9.200-≤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

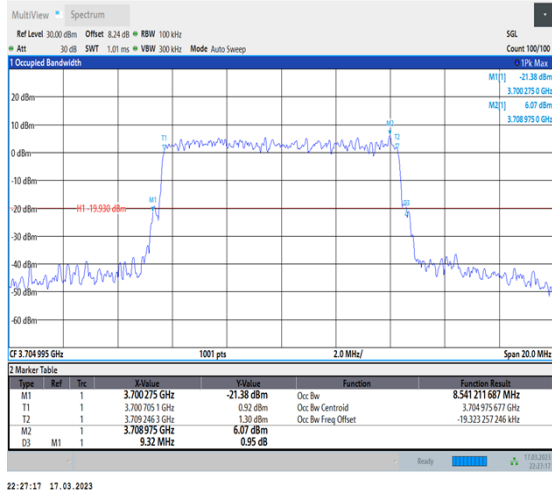
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

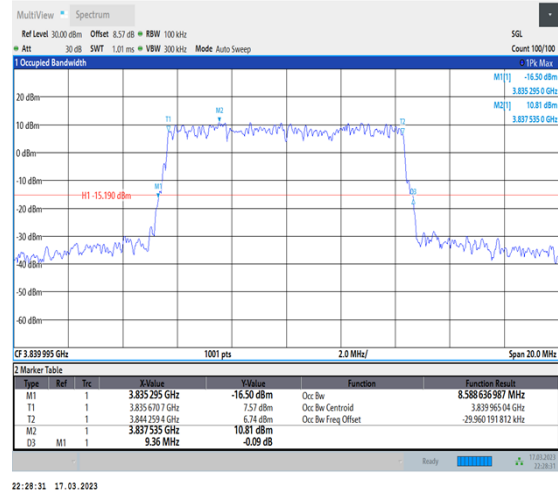
Rev.: 01

Page: 46 of 195



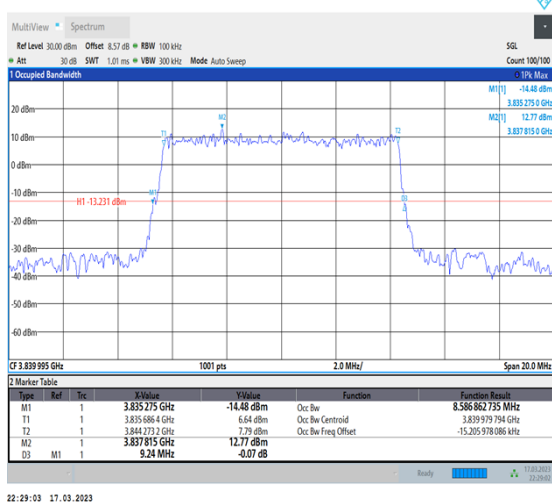
22:27:17 17.03.2023

1-N77-3700-3980-30-10-L-9-CP-256QAM-Outer_Full-24@0-Ant0-8.541-9.320-≤10-PASS



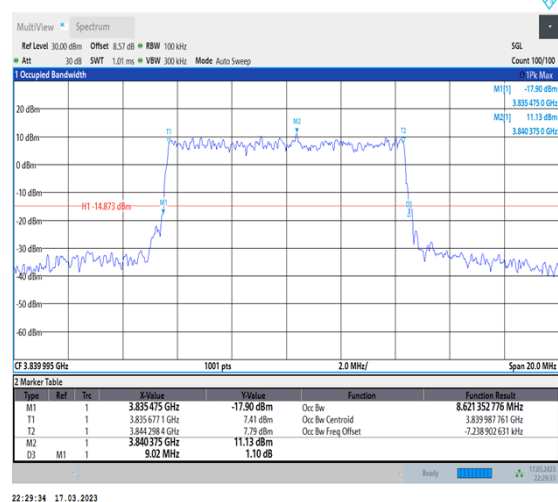
22:28:31 17.03.2023

1-N77-3700-3980-30-10-M-1-DFT-QPSK-Outer_Full-24@0-Ant0-8.589-9.360-≤10-PASS



22:29:03 17.03.2023

1-N77-3700-3980-30-10-M-2-DFT-PI2BPSK-Outer_Full-24@0-Ant0-8.587-9.240-≤10-PASS



22:29:34 17.03.2023

1-N77-3700-3980-30-10-M-3-DFT-16QAM-Outer_Full-24@0-Ant0-8.621-9.020-≤10-PASS



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

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

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

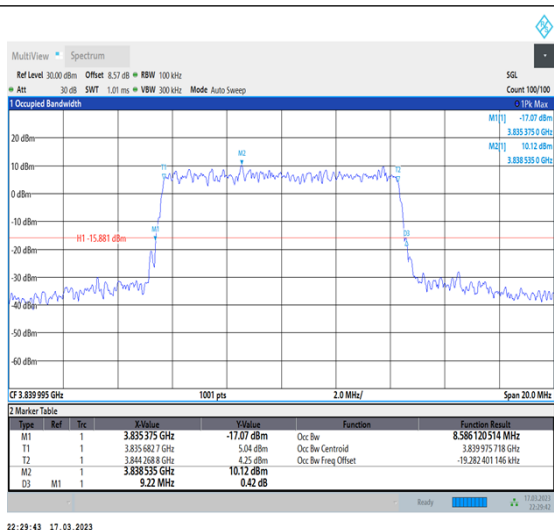
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

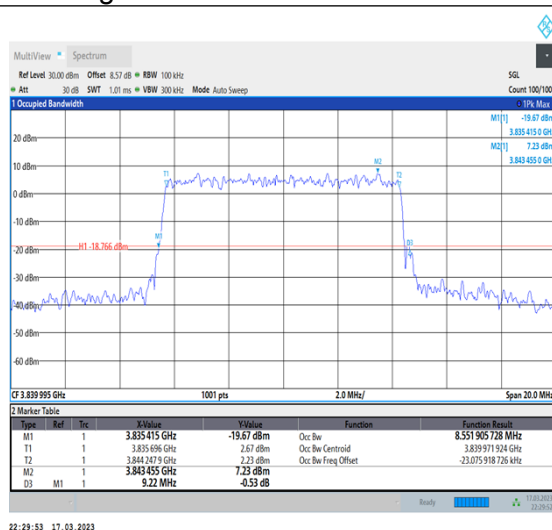
Rev.: 01

Page: 47 of 195



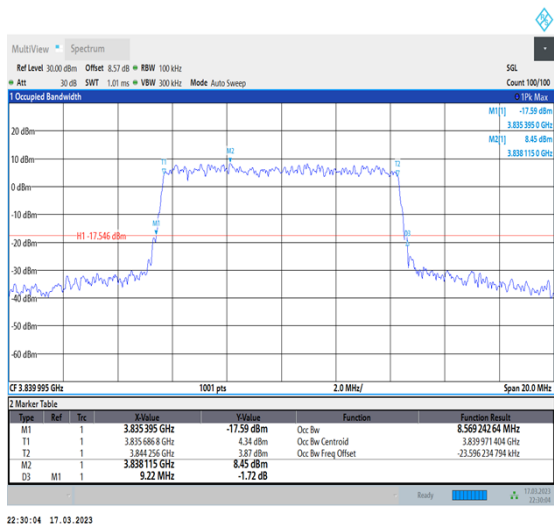
22:29:43 17.03.2023

1-N77-3700-3980-30-10-M-4-DFT-64QAM-Outer_Full-24@0-Ant0-8.586-9.220-≤10-PASS



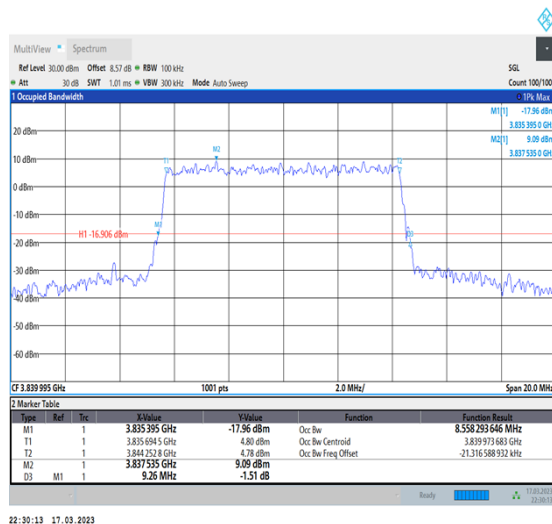
22:29:53 17.03.2023

1-N77-3700-3980-30-10-M-5-DFT-256QAM-Outer_Full-24@0-Ant0-8.552-9.220-≤10-PASS



22:30:04 17.03.2023

1-N77-3700-3980-30-10-M-6-CP-QPSK-Outer_Full-24@0-Ant0-8.569-9.220-≤10-PASS



22:30:13 17.03.2023

1-N77-3700-3980-30-10-M-7-CP-16QAM-Outer_Full-24@0-Ant0-8.558-9.260-≤10-PASS



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

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

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

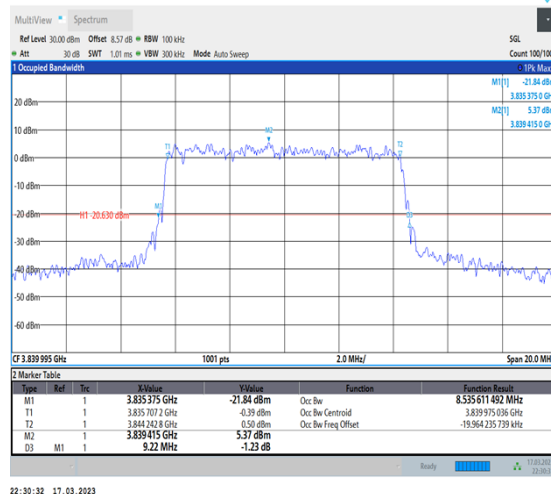
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

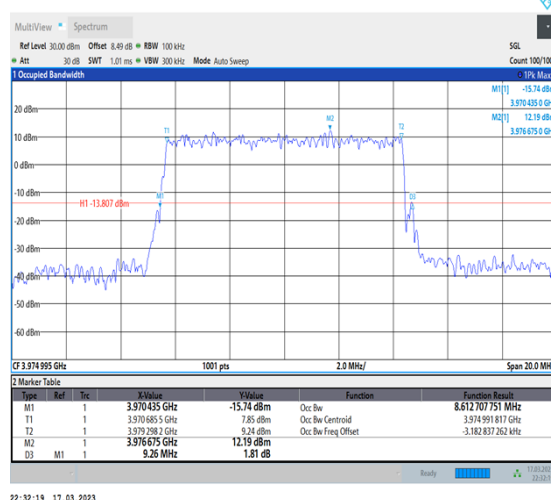
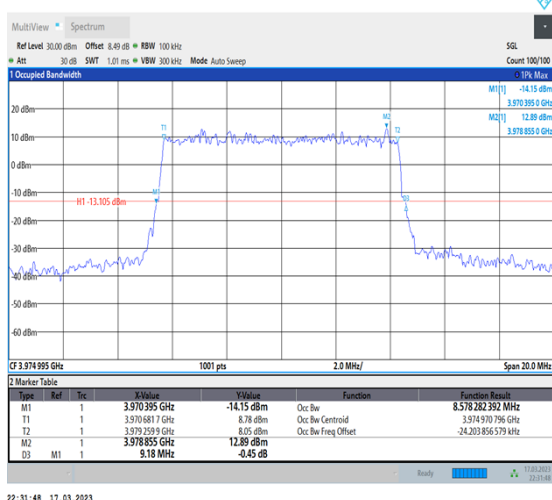
Rev.: 01

Page: 48 of 195



1-N77-3700-3980-30-10-M-8-CP-64QAM-Outer_Full-24@0-Ant0-8.546-9.200-≤10-PASS

1-N77-3700-3980-30-10-M-9-CP-256QAM-Outer_Full-24@0-Ant0-8.536-9.220-≤10-PASS



1-N77-3700-3980-30-10-H-1-DFT-QPSK-Outer_Full-24@0-Ant0-8.578-9.180-≤10-PASS

1-N77-3700-3980-30-10-H-2-DFT-P12BPSK-Outer_Full-24@0-Ant0-8.613-9.260-≤10-PASS



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

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

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

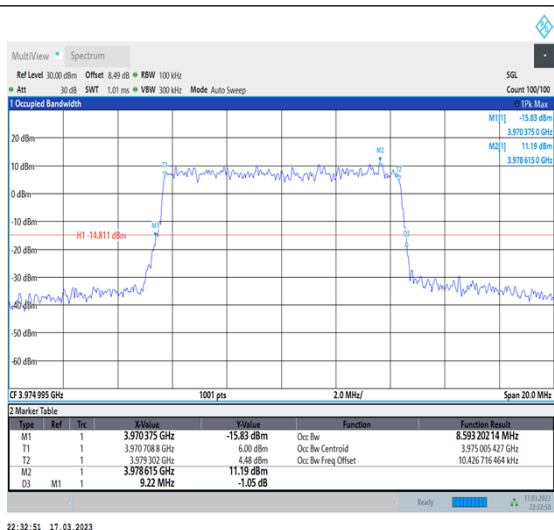
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

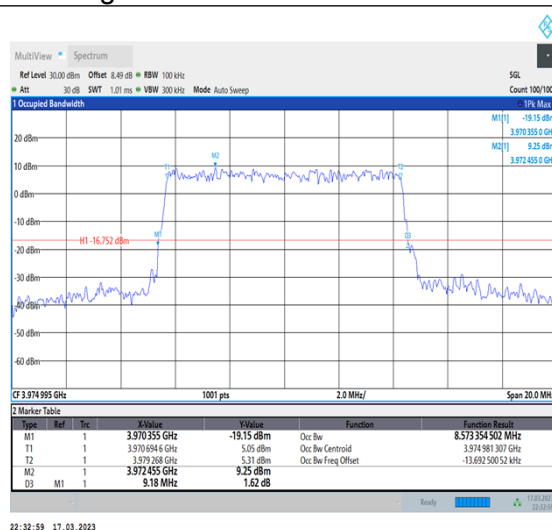
Rev.: 01

Page: 49 of 195



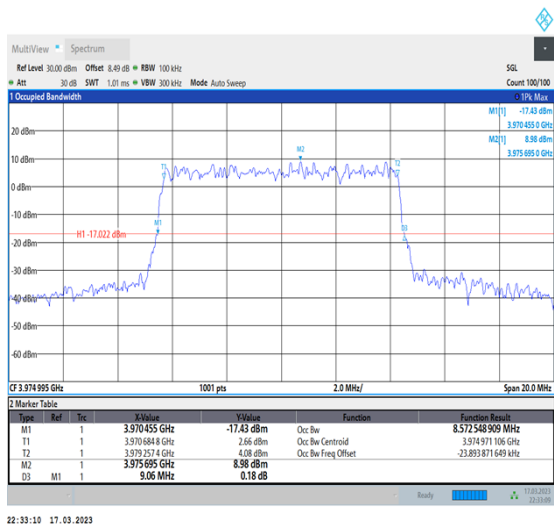
22:32:51 17.03.2023

1-N77-3700-3980-30-10-H-3-DFT-16QAM-Outer_Full-24@0-Ant0-8.593-9.220-≤10-PASS



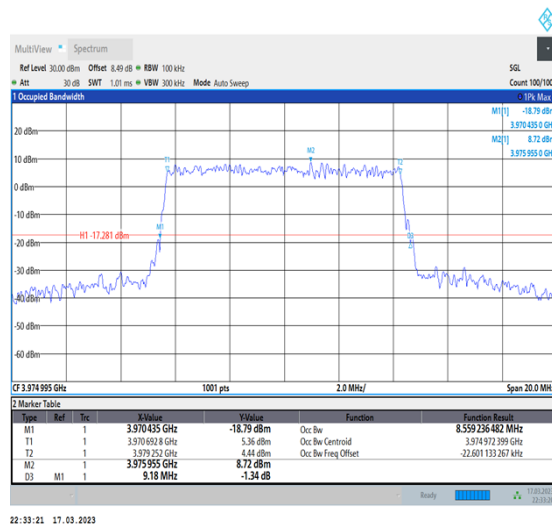
22:32:59 17.03.2023

1-N77-3700-3980-30-10-H-4-DFT-64QAM-Outer_Full-24@0-Ant0-8.573-9.180-≤10-PASS



22:33:10 17.03.2023

1-N77-3700-3980-30-10-H-5-DFT-256QAM-Outer_Full-24@0-Ant0-8.573-9.060-≤10-PASS



22:33:21 17.03.2023

1-N77-3700-3980-30-10-H-6-CP-QPSK-Outer_Full-24@0-Ant0-8.559-9.180-≤10-PASS



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

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

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

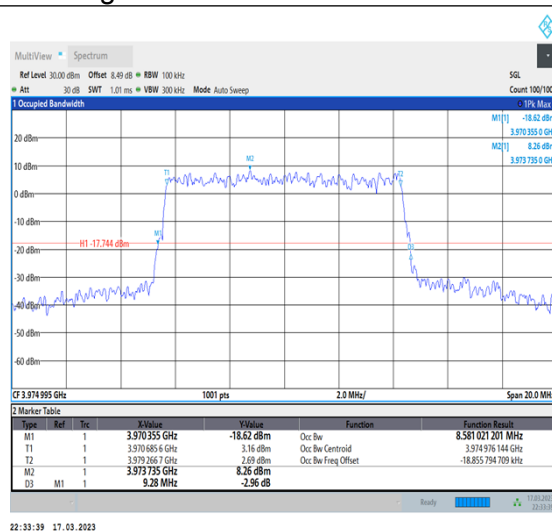
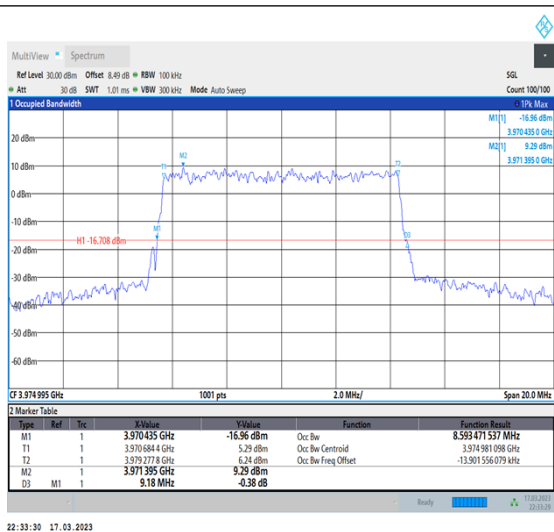
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

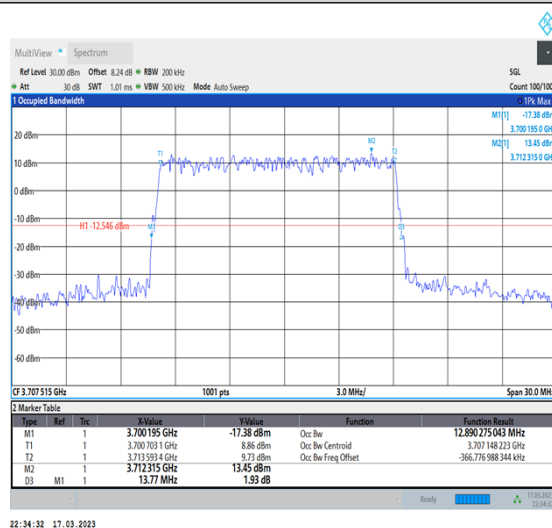
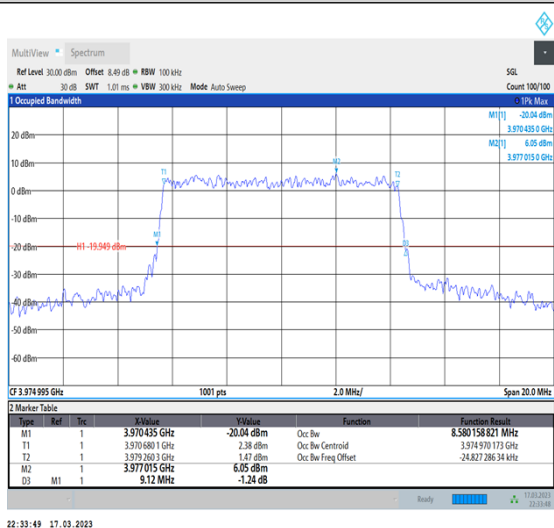
Rev.: 01

Page: 50 of 195



1-N77-3700-3980-30-10-H-7-CP-16QAM-Outer_Full-24@0-Ant0-8.593-9.180-≤10-PASS

1-N77-3700-3980-30-10-H-8-CP-64QAM-Outer_Full-24@0-Ant0-8.581-9.280-≤10-PASS



1-N77-3700-3980-30-10-H-9-CP-256QAM-Outer_Full-24@0-Ant0-8.58-9.120-≤10-PASS

1-N77-3700-3980-30-15-L-1-DFT-QPSK-Outer_Full-36@0-Ant0-12.89-13.770-≤15-PASS



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

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

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

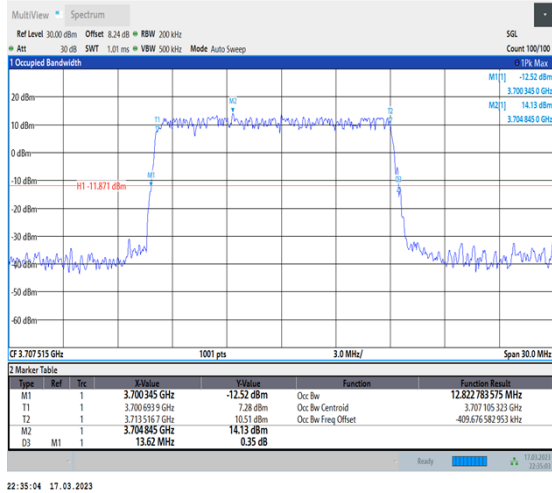
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

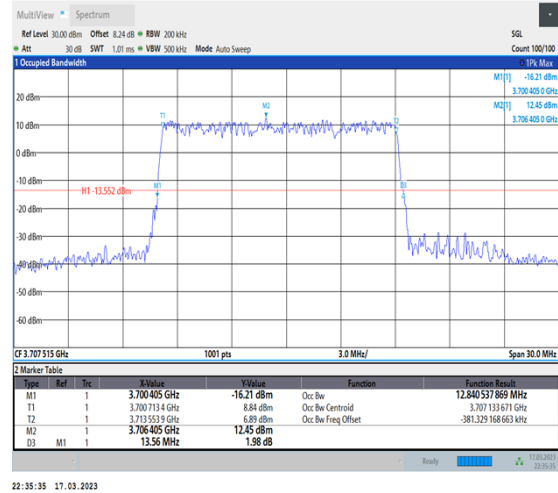
Report No.: SEWM2311000473RG02

Rev.: 01

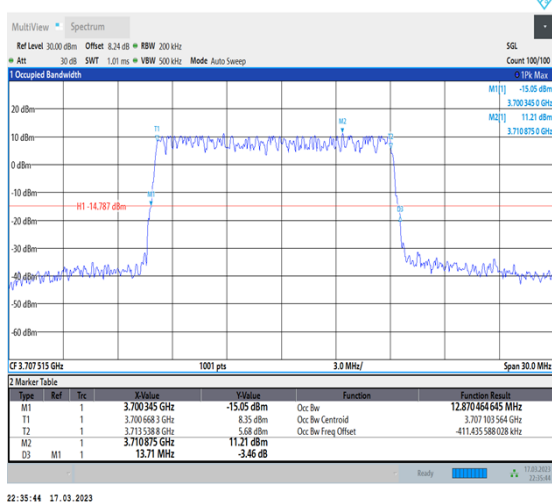
Page: 51 of 195



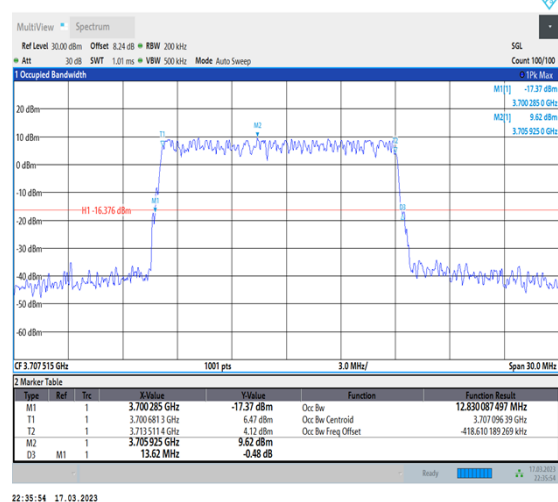
1-N77-3700-3980-30-15-L-2-DFT-PI2BPSK-Outer_Full-36@0-Ant0-12.823-13.620-≤15-PASS



1-N77-3700-3980-30-15-L-3-DFT-16QAM-Outer_Full-36@0-Ant0-12.841-13.560-≤15-PASS



1-N77-3700-3980-30-15-L-4-DFT-64QAM-Outer_Full-36@0-Ant0-12.87-13.710-≤15-PASS



1-N77-3700-3980-30-15-L-5-DFT-256QAM-Outer_Full-36@0-Ant0-12.83-13.620-≤15-PASS



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

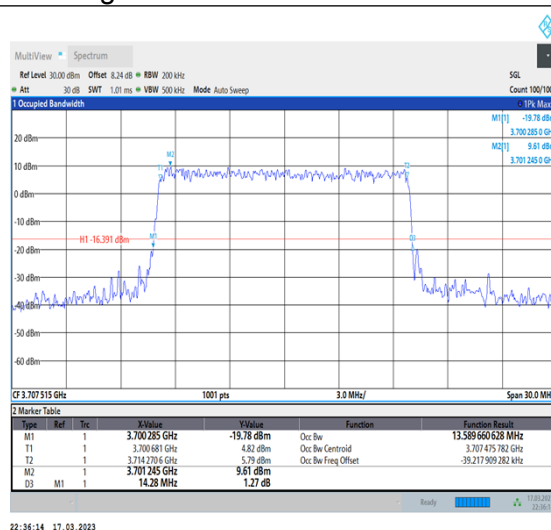
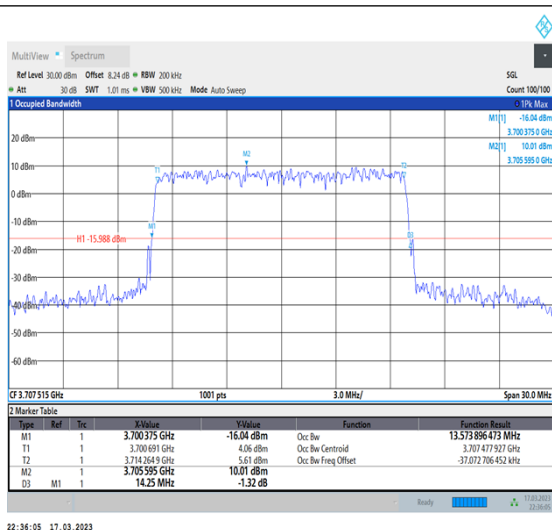
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

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

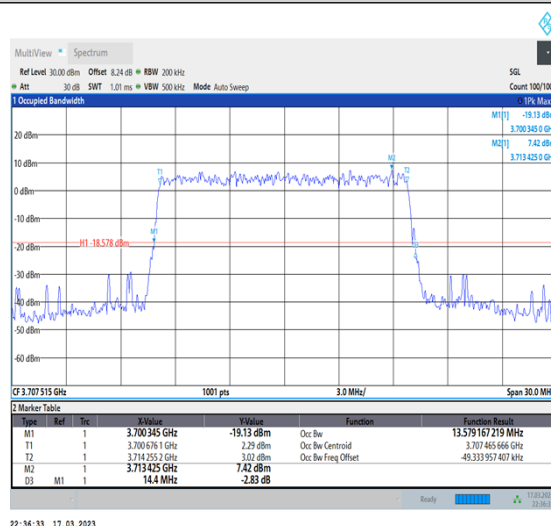
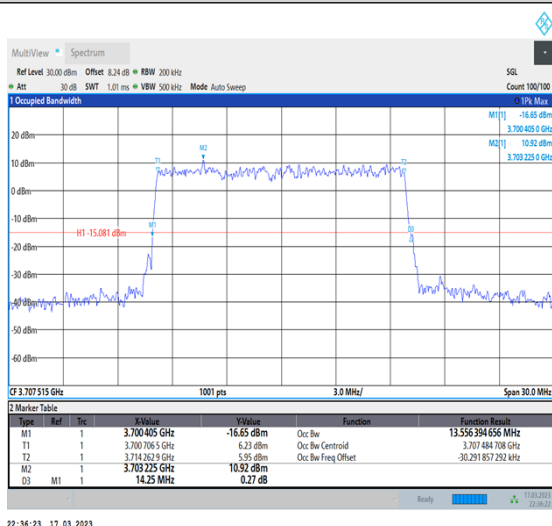
Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02
Rev.: 01
Page: 52 of 195



1-N77-3700-3980-30-15-L-6-CP-QPSK-Outer_Full-38@0-Ant0-13.574-14.250-≤15-PASS

1-N77-3700-3980-30-15-L-7-CP-16QAM-Outer_Full-38@0-Ant0-13.59-14.280-≤15-PASS



1-N77-3700-3980-30-15-L-8-CP-64QAM-Outer_Full-38@0-Ant0-13.556-14.250-≤15-PASS

1-N77-3700-3980-30-15-L-9-CP-256QAM-Outer_Full-38@0-Ant0-13.579-14.400-≤15-PASS



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

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

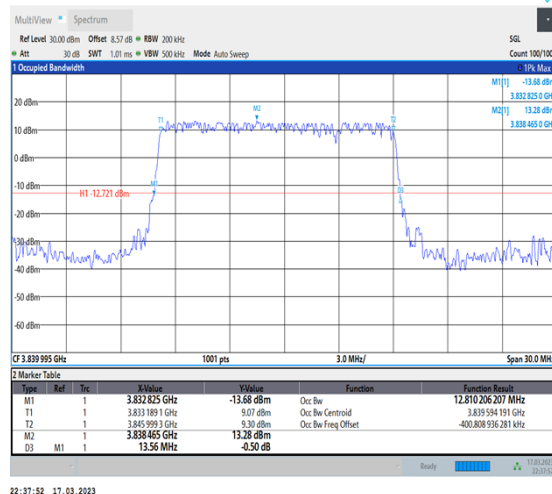
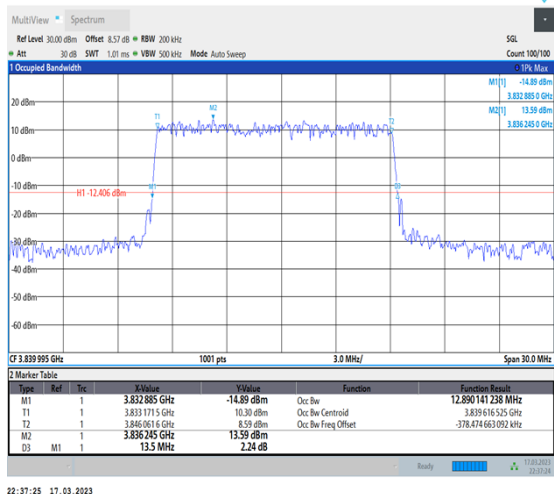
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2311000473RG02

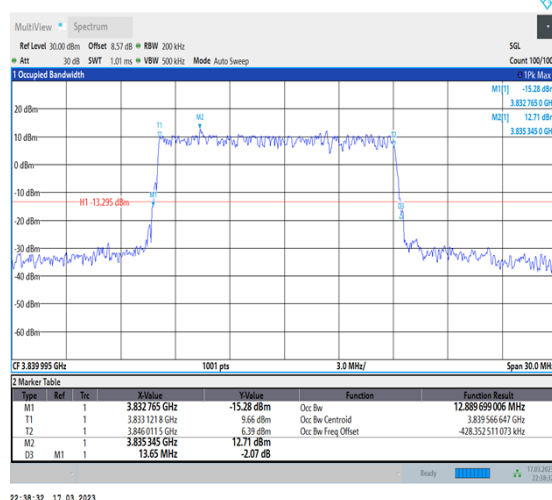
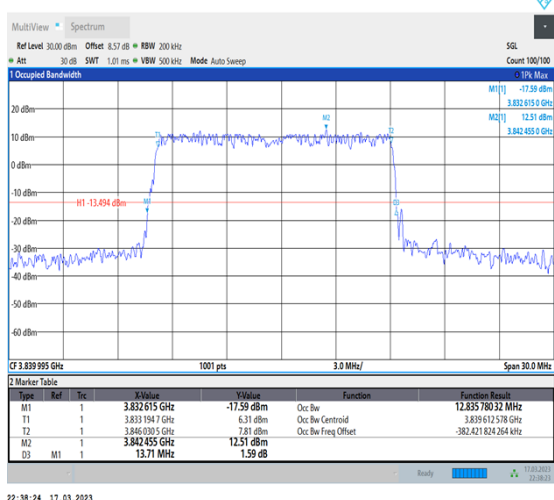
Rev.: 01

Page: 53 of 195



1-N77-3700-3980-30-15-M-1-DFT-QPSK-Outer_Full-36@0-Ant0-12.89-13.500-≤15-PASS

1-N77-3700-3980-30-15-M-2-DFT-PI2BPSK-Outer_Full-36@0-Ant0-12.81-13.560-≤15-PASS



1-N77-3700-3980-30-15-M-3-DFT-16QAM-Outer_Full-36@0-Ant0-12.836-13.710-≤15-PASS

1-N77-3700-3980-30-15-M-4-DFT-64QAM-Outer_Full-36@0-Ant0-12.89-13.650-≤15-PASS



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

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

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

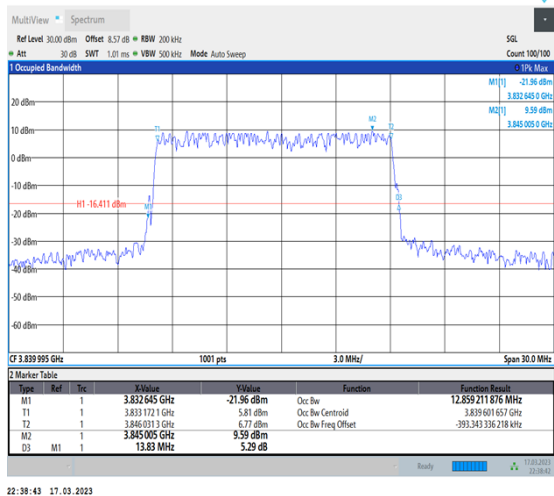
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

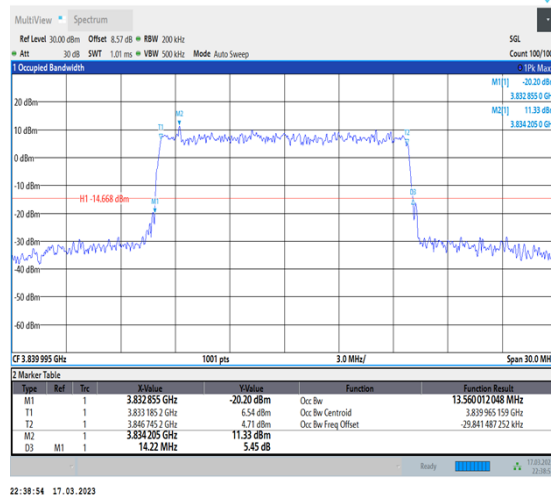
Report No.: SEWM2311000473RG02

Rev.: 01

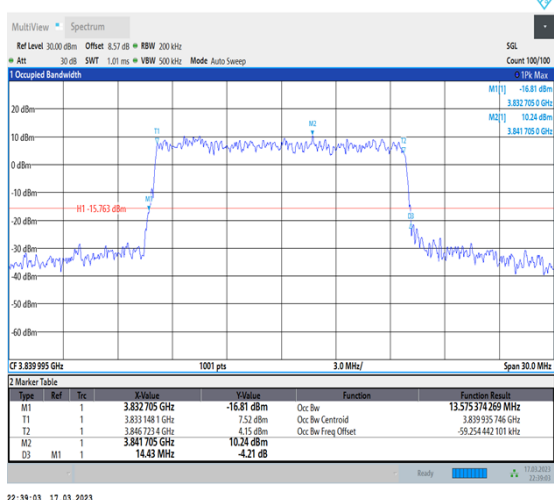
Page: 54 of 195



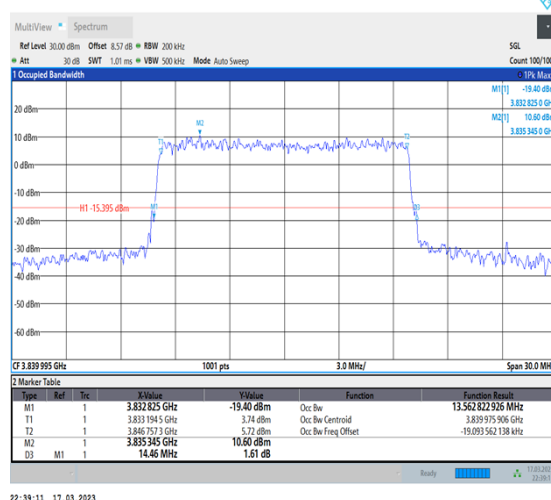
1-N77-3700-3980-30-15-M-5-DFT-256QAM-Outer_Full-36@0-Ant0-12.859-13.830-≤15-PASS



1-N77-3700-3980-30-15-M-6-CP-QPSK-Outer_Full-38@0-Ant0-13.56-14.220-≤15-PASS



1-N77-3700-3980-30-15-M-7-CP-16QAM-Outer_Full-38@0-Ant0-13.575-14.430-≤15-PASS



1-N77-3700-3980-30-15-M-8-CP-64QAM-Outer_Full-38@0-Ant0-13.563-14.460-≤15-PASS



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

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

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