



Report No.: SEWM2208000155RG02

Rev.: 01

Page: 1 of 161

Appendix B.14

NR Band n77(3700-3980)



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Qeccheck@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

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Ant4:

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	LIMIT	Verdict
N77-3700-3980	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	24.58	27.18	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	24.54	27.14	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Outer_Full	24.15	26.75	30	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Inner_1RB_Left	24.47	27.07	30	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Inner_1RB_Right	24.61	27.21	30	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Outer_Full	23.65	26.25	30	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Inner_1RB_Left	23.62	26.22	30	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Inner_1RB_Right	23.53	26.13	30	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Outer_Full	22.65	25.25	30	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Inner_1RB_Left	21.47	24.07	30	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Inner_1RB_Right	21.67	24.27	30	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Outer_Full	22.09	24.69	30	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Inner_1RB_Left	20.01	22.61	30	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Inner_1RB_Right	19.92	22.52	30	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Outer_Full	20.03	22.63	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	24.25	26.85	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	24.06	26.66	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	23.75	26.35	30	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Inner_1RB_Left	24.14	26.74	30	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Inner_1RB_Right	24.03	26.63	30	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	23.3	25.9	30	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Inner_1RB_Left	23.2	25.8	30	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Inner_1RB_Right	23.19	25.79	30	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	22.26	24.86	30	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Inner_1RB_Left	21.15	23.75	30	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Inner_1RB_Right	21.15	23.75	30	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	21.74	24.34	30	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Inner_1RB_Left	19.56	22.16	30	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Inner_1RB_Right	19.54	22.14	30	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	19.62	22.22	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号厂房南面 邮编: 215000

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

Report No.: SEWM2208000155RG02

Rev.: 01

Page: 3 of 161

N77-3700-3980	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.94	26.54	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.92	26.52	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Outer_Full	23.54	26.14	30	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Inner_1RB_Left	23.95	26.55	30	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Inner_1RB_Right	23.83	26.43	30	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	23.05	25.65	30	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Inner_1RB_Left	23	25.6	30	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Inner_1RB_Right	23.08	25.68	30	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Outer_Full	22.01	24.61	30	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Inner_1RB_Left	21.12	23.72	30	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Inner_1RB_Right	20.88	23.48	30	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Outer_Full	21.53	24.13	30	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Inner_1RB_Left	19.31	21.91	30	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Inner_1RB_Right	19.38	21.98	30	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Outer_Full	19.4	22	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Inner_1RB_Left	24.68	27.28	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Inner_1RB_Right	24.68	27.28	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Outer_Full	24.03	26.63	30	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Inner_1RB_Left	24.56	27.16	30	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Inner_1RB_Right	24.54	27.14	30	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	23.57	26.17	30	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Inner_1RB_Left	23.59	26.19	30	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Inner_1RB_Right	23.75	26.35	30	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Outer_Full	22.57	25.17	30	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Inner_1RB_Left	21.46	24.06	30	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Inner_1RB_Right	21.75	24.35	30	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Outer_Full	22.02	24.62	30	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Inner_1RB_Left	19.86	22.46	30	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Inner_1RB_Right	19.98	22.58	30	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Outer_Full	20.06	22.66	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Inner_1RB_Left	24.33	26.93	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Inner_1RB_Right	24.18	26.78	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	23.86	26.46	30	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Inner_1RB_Left	24.22	26.82	30	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Inner_1RB_Right	24.11	26.71	30	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	23.33	25.93	30	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Inner_1RB_Left	23.25	25.85	30	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Inner_1RB_Right	23.26	25.86	30	PASS



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

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

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

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

Report No.: SEWM2208000155RG02

Rev.: 01

Page: 4 of 161

N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	22.24	24.84	30	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Inner_1RB_Left	21.38	23.98	30	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Inner_1RB_Right	21.28	23.88	30	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	21.71	24.31	30	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Inner_1RB_Left	19.75	22.35	30	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Inner_1RB_Right	19.51	22.11	30	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	19.7	22.3	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.98	26.58	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.9	26.5	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Outer_Full	23.51	26.11	30	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Inner_1RB_Left	23.95	26.55	30	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Inner_1RB_Right	23.98	26.58	30	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	23.02	25.62	30	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Inner_1RB_Left	23.06	25.66	30	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Inner_1RB_Right	23.01	25.61	30	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Outer_Full	21.97	24.57	30	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Inner_1RB_Left	21.12	23.72	30	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Inner_1RB_Right	20.83	23.43	30	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Outer_Full	21.44	24.04	30	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Inner_1RB_Left	19.3	21.9	30	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Inner_1RB_Right	19.43	22.03	30	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Outer_Full	19.49	22.09	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	24.61	27.21	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	24.57	27.17	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Outer_Full	24.06	26.66	30	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Inner_1RB_Left	24.41	27.01	30	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Inner_1RB_Right	24.59	27.19	30	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	23.55	26.15	30	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Inner_1RB_Left	23.55	26.15	30	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Inner_1RB_Right	23.66	26.26	30	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Outer_Full	22.54	25.14	30	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Inner_1RB_Left	21.59	24.19	30	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Inner_1RB_Right	21.71	24.31	30	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Outer_Full	22.1	24.7	30	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Inner_1RB_Left	19.91	22.51	30	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Inner_1RB_Right	19.92	22.52	30	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Outer_Full	20.03	22.63	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	24.33	26.93	30	PASS



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

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

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

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

Report No.: SEWM2208000155RG02

Rev.: 01

Page: 5 of 161

N77-3700-3980	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	24.04	26.64	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	23.87	26.47	30	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Inner_1RB_Left	24.24	26.84	30	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Inner_1RB_Right	24	26.6	30	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	23.34	25.94	30	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Inner_1RB_Left	23.24	25.84	30	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Inner_1RB_Right	23.17	25.77	30	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	22.29	24.89	30	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Inner_1RB_Left	21.19	23.79	30	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Inner_1RB_Right	21.18	23.78	30	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	21.73	24.33	30	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Inner_1RB_Left	19.67	22.27	30	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Inner_1RB_Right	19.4	22	30	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	19.79	22.39	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.92	26.52	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.96	26.56	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Outer_Full	23.55	26.15	30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Inner_1RB_Left	23.92	26.52	30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Inner_1RB_Right	23.93	26.53	30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	23.04	25.64	30	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Inner_1RB_Left	23.09	25.69	30	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Inner_1RB_Right	23.11	25.71	30	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Outer_Full	22.02	24.62	30	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Inner_1RB_Left	21.08	23.68	30	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Inner_1RB_Right	20.89	23.49	30	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Outer_Full	21.56	24.16	30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Inner_1RB_Left	19.39	21.99	30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Inner_1RB_Right	19.28	21.88	30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Outer_Full	19.52	22.12	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	24.72	27.32	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	24.69	27.29	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Outer_Full	24.18	26.78	30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Inner_1RB_Left	24.67	27.27	30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Inner_1RB_Right	24.65	27.25	30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	23.61	26.21	30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Inner_1RB_Left	23.38	25.98	30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Inner_1RB_Right	23.64	26.24	30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Outer_Full	22.58	25.18	30	PASS



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

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

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

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

Report No.: SEWM2208000155RG02

Rev.: 01

Page: 6 of 161

N77-3700-3980	30	40	DFT-64QAM	L	Inner_1RB_Left	21.82	24.42	30	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Inner_1RB_Right	21.54	24.14	30	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Outer_Full	22.14	24.74	30	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Inner_1RB_Left	20.04	22.64	30	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Inner_1RB_Right	19.98	22.58	30	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Outer_Full	20.11	22.71	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	24.43	27.03	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	24.06	26.66	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	23.81	26.41	30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Inner_1RB_Left	24.33	26.93	30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Inner_1RB_Right	23.96	26.56	30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	23.27	25.87	30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Inner_1RB_Left	23.51	26.11	30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Inner_1RB_Right	23.09	25.69	30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	22.22	24.82	30	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Inner_1RB_Left	21.37	23.97	30	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Inner_1RB_Right	20.96	23.56	30	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Outer_Full	21.82	24.42	30	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Inner_1RB_Left	19.88	22.48	30	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Inner_1RB_Right	19.35	21.95	30	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	19.78	22.38	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	23.93	26.53	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	24.19	26.79	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Outer_Full	23.63	26.23	30	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Inner_1RB_Left	23.87	26.47	30	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Inner_1RB_Right	24.15	26.75	30	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Outer_Full	23.12	25.72	30	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Inner_1RB_Left	23.03	25.63	30	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Inner_1RB_Right	23.3	25.9	30	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Outer_Full	22.04	24.64	30	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Inner_1RB_Left	20.83	23.43	30	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Inner_1RB_Right	21.36	23.96	30	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Outer_Full	21.53	24.13	30	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Inner_1RB_Left	19.36	21.96	30	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Inner_1RB_Right	19.6	22.2	30	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Outer_Full	19.62	22.22	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Inner_1RB_Left	24.55	27.15	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Inner_1RB_Right	24.49	27.09	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号厂房南面 邮编: 215000

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

Report No.: SEWM2208000155RG02

Rev.: 01

Page: 7 of 161

N77-3700-3980	30	50	DFT-PI2BPSK	L	Outer_Full	24.11	26.71	30	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Inner_1RB_Left	24.52	27.12	30	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Inner_1RB_Right	24.44	27.04	30	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Outer_Full	23.58	26.18	30	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Inner_1RB_Left	23.24	25.84	30	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Inner_1RB_Right	23.63	26.23	30	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Outer_Full	22.54	25.14	30	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Inner_1RB_Left	21.5	24.1	30	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Inner_1RB_Right	21.63	24.23	30	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Outer_Full	22.08	24.68	30	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Inner_1RB_Left	20.01	22.61	30	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Inner_1RB_Right	19.88	22.48	30	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Outer_Full	20.07	22.67	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Inner_1RB_Left	24.17	26.77	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Inner_1RB_Right	23.75	26.35	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	23.62	26.22	30	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Inner_1RB_Left	24.17	26.77	30	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Inner_1RB_Right	23.78	26.38	30	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	23.1	25.7	30	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Inner_1RB_Left	23.21	25.81	30	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Inner_1RB_Right	22.9	25.5	30	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	22.02	24.62	30	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Inner_1RB_Left	21.17	23.77	30	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Inner_1RB_Right	20.7	23.3	30	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	21.58	24.18	30	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Inner_1RB_Left	19.47	22.07	30	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Inner_1RB_Right	19.09	21.69	30	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	19.59	22.19	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Inner_1RB_Left	23.79	26.39	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Inner_1RB_Right	23.85	26.45	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Outer_Full	23.35	25.95	30	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Inner_1RB_Left	23.74	26.34	30	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Inner_1RB_Right	23.82	26.42	30	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Outer_Full	22.82	25.42	30	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Inner_1RB_Left	22.88	25.48	30	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Inner_1RB_Right	23.08	25.68	30	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Outer_Full	21.76	24.36	30	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Inner_1RB_Left	20.87	23.47	30	PASS



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

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

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

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

Report No.: SEWM2208000155RG02

Rev.: 01

Page: 8 of 161

N77-3700-3980	30	50	DFT-64QAM	H	Inner_1RB_Right	21.01	23.61	30	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Outer_Full	21.27	23.87	30	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Inner_1RB_Left	19.17	21.77	30	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Inner_1RB_Right	19.23	21.83	30	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Outer_Full	19.31	21.91	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Inner_1RB_Left	24.44	27.04	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Inner_1RB_Right	24.39	26.99	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Outer_Full	24	26.6	30	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Inner_1RB_Left	24.4	27	30	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Inner_1RB_Right	24.35	26.95	30	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Outer_Full	23.51	26.11	30	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Inner_1RB_Left	23.54	26.14	30	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Inner_1RB_Right	23.51	26.11	30	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Outer_Full	22.47	25.07	30	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Inner_1RB_Left	21.4	24	30	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Inner_1RB_Right	21.33	23.93	30	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Outer_Full	22.1	24.7	30	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Inner_1RB_Left	19.85	22.45	30	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Inner_1RB_Right	19.81	22.41	30	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Outer_Full	20	22.6	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Inner_1RB_Left	24.13	26.73	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Inner_1RB_Right	23.76	26.36	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	23.57	26.17	30	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Inner_1RB_Left	24.12	26.72	30	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Inner_1RB_Right	23.63	26.23	30	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	23.11	25.71	30	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Inner_1RB_Left	23.27	25.87	30	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Inner_1RB_Right	22.83	25.43	30	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	22	24.6	30	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Inner_1RB_Left	21.06	23.66	30	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Inner_1RB_Right	20.66	23.26	30	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	21.6	24.2	30	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Inner_1RB_Left	19.56	22.16	30	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Inner_1RB_Right	19.09	21.69	30	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	19.55	22.15	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Inner_1RB_Left	24.01	26.61	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Inner_1RB_Right	23.89	26.49	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Outer_Full	23.43	26.03	30	PASS



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

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

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

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

Report No.: SEWM2208000155RG02

Rev.: 01

Page: 9 of 161

N77-3700-3980	30	60	DFT-QPSK	H	Inner_1RB_Left	23.99	26.59	30	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Inner_1RB_Right	23.82	26.42	30	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Outer_Full	22.9	25.5	30	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Inner_1RB_Left	23.09	25.69	30	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Inner_1RB_Right	22.99	25.59	30	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Outer_Full	21.86	24.46	30	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Inner_1RB_Left	20.9	23.5	30	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Inner_1RB_Right	20.89	23.49	30	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Outer_Full	21.44	24.04	30	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Inner_1RB_Left	19.42	22.02	30	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Inner_1RB_Right	19.25	21.85	30	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Outer_Full	19.38	21.98	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Inner_1RB_Left	24.44	27.04	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Inner_1RB_Right	24.36	26.96	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Outer_Full	24.05	26.65	30	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Inner_1RB_Left	24.43	27.03	30	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Inner_1RB_Right	24.26	26.86	30	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Outer_Full	23.49	26.09	30	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Inner_1RB_Left	23.47	26.07	30	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Inner_1RB_Right	23.38	25.98	30	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Outer_Full	22.52	25.12	30	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Inner_1RB_Left	21.36	23.96	30	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Inner_1RB_Right	21.31	23.91	30	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Outer_Full	22.03	24.63	30	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Inner_1RB_Left	19.82	22.42	30	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Inner_1RB_Right	19.78	22.38	30	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Outer_Full	20.09	22.69	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Inner_1RB_Left	23.99	26.59	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Inner_1RB_Right	23.55	26.15	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Outer_Full	23.47	26.07	30	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Inner_1RB_Left	23.95	26.55	30	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Inner_1RB_Right	23.54	26.14	30	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	22.94	25.54	30	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Inner_1RB_Left	23.07	25.67	30	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Inner_1RB_Right	22.71	25.31	30	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Outer_Full	21.89	24.49	30	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Inner_1RB_Left	21.02	23.62	30	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Inner_1RB_Right	20.46	23.06	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号厂房南面 邮编: 215000

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



Report No.: SEWM2208000155RG02

Rev.: 01

Page: 10 of 161

N77-3700-3980	30	70	DFT-64QAM	M	Outer_Full	21.5	24.1	30	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Inner_1RB_Left	19.38	21.98	30	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Inner_1RB_Right	18.99	21.59	30	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Outer_Full	19.46	22.06	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Inner_1RB_Left	23.86	26.46	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Inner_1RB_Right	23.79	26.39	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Outer_Full	23.26	25.86	30	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Inner_1RB_Left	23.87	26.47	30	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Inner_1RB_Right	23.79	26.39	30	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Outer_Full	22.73	25.33	30	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Inner_1RB_Left	22.95	25.55	30	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Inner_1RB_Right	22.83	25.43	30	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Outer_Full	21.72	24.32	30	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Inner_1RB_Left	20.83	23.43	30	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Inner_1RB_Right	20.8	23.4	30	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Outer_Full	21.24	23.84	30	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Inner_1RB_Left	19.33	21.93	30	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Inner_1RB_Right	19.12	21.72	30	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Outer_Full	19.24	21.84	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Inner_1RB_Left	24.39	26.99	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Inner_1RB_Right	24.14	26.74	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Outer_Full	23.95	26.55	30	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Inner_1RB_Left	24.4	27	30	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Inner_1RB_Right	24.13	26.73	30	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Outer_Full	23.43	26.03	30	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Inner_1RB_Left	23.4	26	30	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Inner_1RB_Right	23.3	25.9	30	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Outer_Full	22.42	25.02	30	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Inner_1RB_Left	21.28	23.88	30	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Inner_1RB_Right	21.12	23.72	30	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Outer_Full	22	24.6	30	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Inner_1RB_Left	19.78	22.38	30	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Inner_1RB_Right	19.58	22.18	30	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Outer_Full	19.96	22.56	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Inner_1RB_Left	23.87	26.47	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Inner_1RB_Right	23.44	26.04	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Outer_Full	23.43	26.03	30	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Inner_1RB_Left	23.84	26.44	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号厂房南面 邮编: 215000

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

Report No.: SEWM2208000155RG02

Rev.: 01

Page: 11 of 161

N77-3700-3980	30	80	DFT-QPSK	M	Inner_1RB_Right	23.41	26.01	30	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	22.88	25.48	30	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Inner_1RB_Left	22.84	25.44	30	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Inner_1RB_Right	22.64	25.24	30	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	21.87	24.47	30	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Inner_1RB_Left	20.86	23.46	30	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Inner_1RB_Right	20.49	23.09	30	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	21.42	24.02	30	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Inner_1RB_Left	19.22	21.82	30	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Inner_1RB_Right	18.82	21.42	30	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	19.4	22	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Inner_1RB_Left	23.66	26.26	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Inner_1RB_Right	23.7	26.3	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Outer_Full	23.22	25.82	30	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Inner_1RB_Left	23.53	26.13	30	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Inner_1RB_Right	23.62	26.22	30	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Outer_Full	22.72	25.32	30	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Inner_1RB_Left	22.7	25.3	30	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Inner_1RB_Right	22.77	25.37	30	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Outer_Full	21.68	24.28	30	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Inner_1RB_Left	20.63	23.23	30	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Inner_1RB_Right	20.8	23.4	30	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Outer_Full	21.19	23.79	30	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Inner_1RB_Left	19.01	21.61	30	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Inner_1RB_Right	19.2	21.8	30	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Outer_Full	19.19	21.79	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Inner_1RB_Left	24.39	26.99	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Inner_1RB_Right	24.05	26.65	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Outer_Full	23.97	26.57	30	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Inner_1RB_Left	24.45	27.05	30	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Inner_1RB_Right	23.99	26.59	30	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Outer_Full	23.42	26.02	30	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Inner_1RB_Left	23.32	25.92	30	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Inner_1RB_Right	23.13	25.73	30	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Outer_Full	22.43	25.03	30	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Inner_1RB_Left	21.21	23.81	30	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Inner_1RB_Right	20.96	23.56	30	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Outer_Full	21.32	23.92	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-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

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

Report No.: SEWM2208000155RG02

Rev.: 01

Page: 12 of 161

N77-3700-3980	30	90	DFT-256QAM	L	Inner_1RB_Left	19.8	22.4	30	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Inner_1RB_Right	19.45	22.05	30	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Outer_Full	19.94	22.54	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Inner_1RB_Left	23.73	26.33	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Inner_1RB_Right	23.48	26.08	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	23.39	25.99	30	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Inner_1RB_Left	23.7	26.3	30	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Inner_1RB_Right	23.47	26.07	30	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	22.88	25.48	30	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Inner_1RB_Left	22.82	25.42	30	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Inner_1RB_Right	22.61	25.21	30	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	21.84	24.44	30	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Inner_1RB_Left	20.79	23.39	30	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Inner_1RB_Right	20.61	23.21	30	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Outer_Full	21.36	23.96	30	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Inner_1RB_Left	19.1	21.7	30	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Inner_1RB_Right	18.92	21.52	30	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Outer_Full	19.37	21.97	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Inner_1RB_Left	23.35	25.95	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Inner_1RB_Right	23.74	26.34	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Outer_Full	23.17	25.77	30	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Inner_1RB_Left	23.34	25.94	30	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Inner_1RB_Right	23.71	26.31	30	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Outer_Full	22.68	25.28	30	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Inner_1RB_Left	22.37	24.97	30	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Inner_1RB_Right	22.74	25.34	30	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Outer_Full	21.64	24.24	30	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Inner_1RB_Left	20.41	23.01	30	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Inner_1RB_Right	20.88	23.48	30	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Outer_Full	21.18	23.78	30	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Inner_1RB_Left	18.8	21.4	30	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Inner_1RB_Right	19.17	21.77	30	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Outer_Full	19.17	21.77	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	24.23	26.83	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	23.98	26.58	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Outer_Full	23.89	26.49	30	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Left	24.29	26.89	30	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Right	23.89	26.49	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-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

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



Report No.: SEWM2208000155RG02

Rev.: 01

Page: 13 of 161

N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	23.37	25.97	30	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Left	23.37	25.97	30	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Right	23.03	25.63	30	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Outer_Full	22.39	24.99	30	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Left	21.29	23.89	30	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Right	20.95	23.55	30	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Outer_Full	21.88	24.48	30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Left	19.67	22.27	30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Right	19.39	21.99	30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	19.86	22.46	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	23.75	26.35	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	23.66	26.26	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	23.38	25.98	30	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Left	23.72	26.32	30	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Right	23.63	26.23	30	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	22.86	25.46	30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Left	22.84	25.44	30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Right	22.73	25.33	30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	21.85	24.45	30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Left	20.77	23.37	30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Right	20.66	23.26	30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	21.37	23.97	30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Left	19.08	21.68	30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Right	19.03	21.63	30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	19.42	22.02	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	23.16	25.76	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	23.79	26.39	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	23.24	25.84	30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Left	23.12	25.72	30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Right	23.74	26.34	30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	22.7	25.3	30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Left	22.24	24.84	30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Right	22.86	25.46	30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	21.67	24.27	30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Left	20.15	22.75	30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Right	20.73	23.33	30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	21.15	23.75	30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Left	18.6	21.2	30	PASS



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

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

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

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



Report No.: SEWM2208000155RG02

Rev.: 01

Page: 14 of 161

N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Right	19.18	21.78	30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	19.14	21.74	30	PASS

ULMIMO Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant1	Power Ant2	Total Power	EIRP	limit	Verdict
N77-3700-3980	30	10	CP-QPSK	L	Inner_1RB_Left	20.04	19.63	22.85	25.45	30	PASS
N77-3700-3980	30	10	CP-QPSK	L	Inner_1RB_Right	20.01	19.65	22.84	25.44	30	PASS
N77-3700-3980	30	10	CP-QPSK	L	Outer_Full	18.58	18.11	21.36	23.96	30	PASS
N77-3700-3980	30	10	CP-16QAM	L	Inner_1RB_Left	19.36	18.9	22.15	24.75	30	PASS
N77-3700-3980	30	10	CP-16QAM	L	Inner_1RB_Right	19.35	18.75	22.07	24.67	30	PASS
N77-3700-3980	30	10	CP-16QAM	L	Outer_Full	18.5	18	21.27	23.87	30	PASS
N77-3700-3980	30	10	CP-64QAM	L	Inner_1RB_Left	18	16.65	20.39	22.99	30	PASS
N77-3700-3980	30	10	CP-64QAM	L	Inner_1RB_Right	18.05	17	20.57	23.17	30	PASS
N77-3700-3980	30	10	CP-64QAM	L	Outer_Full	18.09	17.52	20.82	23.42	30	PASS
N77-3700-3980	30	10	CP-256QAM	L	Inner_1RB_Left	15.12	14.52	17.84	20.44	30	PASS
N77-3700-3980	30	10	CP-256QAM	L	Inner_1RB_Right	15.21	14.47	17.87	20.47	30	PASS
N77-3700-3980	30	10	CP-256QAM	L	Outer_Full	15.15	14.32	17.77	20.37	30	PASS
N77-3700-3980	30	10	CP-QPSK	M	Inner_1RB_Left	19.67	18.67	22.21	24.81	30	PASS
N77-3700-3980	30	10	CP-QPSK	M	Inner_1RB_Right	19.55	19.14	22.36	24.96	30	PASS
N77-3700-3980	30	10	CP-QPSK	M	Outer_Full	18.22	17.36	20.82	23.42	30	PASS
N77-3700-3980	30	10	CP-16QAM	M	Inner_1RB_Left	19.06	18.18	21.65	24.25	30	PASS
N77-3700-3980	30	10	CP-16QAM	M	Inner_1RB_Right	18.99	18.49	21.76	24.36	30	PASS
N77-3700-3980	30	10	CP-16QAM	M	Outer_Full	18.19	17.34	20.80	23.4	30	PASS
N77-3700-3980	30	10	CP-64QAM	M	Inner_1RB_Left	17.75	16.29	20.09	22.69	30	PASS
N77-3700-3980	30	10	CP-64QAM	M	Inner_1RB_Right	16.66	16.66	19.67	22.27	30	PASS
N77-3700-3980	30	10	CP-64QAM	M	Outer_Full	17.72	16.85	20.32	22.92	30	PASS
N77-3700-3980	30	10	CP-256QAM	M	Inner_1RB_Left	15.42	15.42	18.43	21.03	30	PASS
N77-3700-3980	30	10	CP-256QAM	M	Inner_1RB_Right	15.32	15.32	18.33	20.93	30	PASS
N77-3700-3980	30	10	CP-256QAM	M	Outer_Full	15.25	15.25	18.26	20.86	30	PASS
N77-3700-3980	30	10	CP-QPSK	H	Inner_1RB_Left	19.37	19.46	22.43	25.03	30	PASS
N77-3700-3980	30	10	CP-QPSK	H	Inner_1RB_Right	19.43	19.51	22.48	25.08	30	PASS
N77-3700-3980	30	10	CP-QPSK	H	Outer_Full	18	17.8	20.91	23.51	30	PASS
N77-3700-3980	30	10	CP-16QAM	H	Inner_1RB_Left	18.82	18.79	21.82	24.42	30	PASS
N77-3700-3980	30	10	CP-16QAM	H	Inner_1RB_Right	18.73	18.74	21.75	24.35	30	PASS
N77-3700-3980	30	10	CP-16QAM	H	Outer_Full	17.99	17.82	20.92	23.52	30	PASS



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

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

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

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



Report No.: SEWM2208000155RG02

Rev.: 01

Page: 15 of 161

N77-3700-3980	30	10	CP-64QAM	H	Inner_1RB_Left	17.47	13.86	19.04	21.64	30	PASS
N77-3700-3980	30	10	CP-64QAM	H	Inner_1RB_Right	17.49	17.01	20.27	22.87	30	PASS
N77-3700-3980	30	10	CP-64QAM	H	Outer_Full	17.51	17.35	20.44	23.04	30	PASS
N77-3700-3980	30	10	CP-256QAM	H	Inner_1RB_Left	14.67	14.28	17.49	20.09	30	PASS
N77-3700-3980	30	10	CP-256QAM	H	Inner_1RB_Right	14.7	14.47	17.60	20.2	30	PASS
N77-3700-3980	30	10	CP-256QAM	H	Outer_Full	14.71	14.44	17.59	20.19	30	PASS
N77-3700-3980	30	15	CP-QPSK	L	Inner_1RB_Left	20.1	19.5	22.82	25.42	30	PASS
N77-3700-3980	30	15	CP-QPSK	L	Inner_1RB_Right	20.23	19.32	22.81	25.41	30	PASS
N77-3700-3980	30	15	CP-QPSK	L	Outer_Full	18.71	18.02	21.39	23.99	30	PASS
N77-3700-3980	30	15	CP-16QAM	L	Inner_1RB_Left	19.61	19.13	22.39	24.99	30	PASS
N77-3700-3980	30	15	CP-16QAM	L	Inner_1RB_Right	19.5	18.6	22.08	24.68	30	PASS
N77-3700-3980	30	15	CP-16QAM	L	Outer_Full	18.75	18.09	21.44	24.04	30	PASS
N77-3700-3980	30	15	CP-64QAM	L	Inner_1RB_Left	15.32	15.25	18.30	20.9	30	PASS
N77-3700-3980	30	15	CP-64QAM	L	Inner_1RB_Right	18.23	16.83	20.60	23.2	30	PASS
N77-3700-3980	30	15	CP-64QAM	L	Outer_Full	18.21	17.63	20.94	23.54	30	PASS
N77-3700-3980	30	15	CP-256QAM	L	Inner_1RB_Left	15.24	14.68	17.98	20.58	30	PASS
N77-3700-3980	30	15	CP-256QAM	L	Inner_1RB_Right	15.22	14.39	17.84	20.44	30	PASS
N77-3700-3980	30	15	CP-256QAM	L	Outer_Full	14.71	14.25	17.50	20.1	30	PASS
N77-3700-3980	30	15	CP-QPSK	M	Inner_1RB_Left	19.85	18.97	22.44	25.04	30	PASS
N77-3700-3980	30	15	CP-QPSK	M	Inner_1RB_Right	19.71	19.51	22.62	25.22	30	PASS
N77-3700-3980	30	15	CP-QPSK	M	Outer_Full	18.41	17.56	21.02	23.62	30	PASS
N77-3700-3980	30	15	CP-16QAM	M	Inner_1RB_Left	19.22	18.34	21.81	24.41	30	PASS
N77-3700-3980	30	15	CP-16QAM	M	Inner_1RB_Right	18.97	18.82	21.91	24.51	30	PASS
N77-3700-3980	30	15	CP-16QAM	M	Outer_Full	18.43	17.56	21.03	23.63	30	PASS
N77-3700-3980	30	15	CP-64QAM	M	Inner_1RB_Left	17.92	16.33	20.21	22.81	30	PASS
N77-3700-3980	30	15	CP-64QAM	M	Inner_1RB_Right	17.7	17	20.37	22.97	30	PASS
N77-3700-3980	30	15	CP-64QAM	M	Outer_Full	17.93	17.09	20.54	23.14	30	PASS
N77-3700-3980	30	15	CP-256QAM	M	Inner_1RB_Left	15.08	13.76	17.48	20.08	30	PASS
N77-3700-3980	30	15	CP-256QAM	M	Inner_1RB_Right	14.81	14.41	17.62	20.22	30	PASS
N77-3700-3980	30	15	CP-256QAM	M	Outer_Full	14.93	14.13	17.56	20.16	30	PASS
N77-3700-3980	30	15	CP-QPSK	H	Inner_1RB_Left	19.49	19.58	22.55	25.15	30	PASS
N77-3700-3980	30	15	CP-QPSK	H	Inner_1RB_Right	19.83	19.43	22.64	25.24	30	PASS
N77-3700-3980	30	15	CP-QPSK	H	Outer_Full	18.15	17.91	21.04	23.64	30	PASS
N77-3700-3980	30	15	CP-16QAM	H	Inner_1RB_Left	18.9	18.74	21.83	24.43	30	PASS
N77-3700-3980	30	15	CP-16QAM	H	Inner_1RB_Right	18.85	18.95	21.91	24.51	30	PASS
N77-3700-3980	30	15	CP-16QAM	H	Outer_Full	18.12	17.91	21.03	23.63	30	PASS
N77-3700-3980	30	15	CP-64QAM	H	Inner_1RB_Left	17.61	16.99	20.32	22.92	30	PASS
N77-3700-3980	30	15	CP-64QAM	H	Inner_1RB_Right	17.59	17.11	20.37	22.97	30	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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



Report No.: SEWM2208000155RG02

Rev.: 01

Page: 16 of 161

N77-3700-3980	30	15	CP-64QAM	H	Outer_Full	17.63	17.49	20.57	23.17	30	PASS
N77-3700-3980	30	15	CP-256QAM	H	Inner_1RB_Left	14.67	14.33	17.51	20.11	30	PASS
N77-3700-3980	30	15	CP-256QAM	H	Inner_1RB_Right	14.62	14.58	17.61	20.21	30	PASS
N77-3700-3980	30	15	CP-256QAM	H	Outer_Full	14.59	14.53	17.57	20.17	30	PASS
N77-3700-3980	30	20	CP-QPSK	L	Inner_1RB_Left	16.58	15.33	19.01	21.61	30	PASS
N77-3700-3980	30	20	CP-QPSK	L	Inner_1RB_Right	20.11	19.33	22.75	25.35	30	PASS
N77-3700-3980	30	20	CP-QPSK	L	Outer_Full	18.67	17.85	21.29	23.89	30	PASS
N77-3700-3980	30	20	CP-16QAM	L	Inner_1RB_Left	19.52	19.01	22.28	24.88	30	PASS
N77-3700-3980	30	20	CP-16QAM	L	Inner_1RB_Right	19.63	18.46	22.09	24.69	30	PASS
N77-3700-3980	30	20	CP-16QAM	L	Outer_Full	18.66	17.84	21.28	23.88	30	PASS
N77-3700-3980	30	20	CP-64QAM	L	Inner_1RB_Left	18.04	17.15	20.63	23.23	30	PASS
N77-3700-3980	30	20	CP-64QAM	L	Inner_1RB_Right	18.13	16.7	20.48	23.08	30	PASS
N77-3700-3980	30	20	CP-64QAM	L	Outer_Full	18.25	17.46	20.88	23.48	30	PASS
N77-3700-3980	30	20	CP-256QAM	L	Inner_1RB_Left	15.25	14.59	17.94	20.54	30	PASS
N77-3700-3980	30	20	CP-256QAM	L	Inner_1RB_Right	15.25	14.13	17.74	20.34	30	PASS
N77-3700-3980	30	20	CP-256QAM	L	Outer_Full	15.16	14.55	17.88	20.48	30	PASS
N77-3700-3980	30	20	CP-QPSK	M	Inner_1RB_Left	19.83	18.83	22.37	24.97	30	PASS
N77-3700-3980	30	20	CP-QPSK	M	Inner_1RB_Right	19.54	19.68	22.62	25.22	30	PASS
N77-3700-3980	30	20	CP-QPSK	M	Outer_Full	18.34	17.57	20.98	23.58	30	PASS
N77-3700-3980	30	20	CP-16QAM	M	Inner_1RB_Left	19.15	18.28	21.75	24.35	30	PASS
N77-3700-3980	30	20	CP-16QAM	M	Inner_1RB_Right	18.91	18.79	21.86	24.46	30	PASS
N77-3700-3980	30	20	CP-16QAM	M	Outer_Full	18.33	17.57	20.98	23.58	30	PASS
N77-3700-3980	30	20	CP-64QAM	M	Inner_1RB_Left	17.89	16.36	20.20	22.8	30	PASS
N77-3700-3980	30	20	CP-64QAM	M	Inner_1RB_Right	17.56	17.09	20.34	22.94	30	PASS
N77-3700-3980	30	20	CP-64QAM	M	Outer_Full	17.91	17.17	20.57	23.17	30	PASS
N77-3700-3980	30	20	CP-256QAM	M	Inner_1RB_Left	15.04	13.86	17.50	20.1	30	PASS
N77-3700-3980	30	20	CP-256QAM	M	Inner_1RB_Right	14.78	14.52	17.66	20.26	30	PASS
N77-3700-3980	30	20	CP-256QAM	M	Outer_Full	14.92	14.16	17.57	20.17	30	PASS
N77-3700-3980	30	20	CP-QPSK	H	Inner_1RB_Left	19.55	19.71	22.64	25.24	30	PASS
N77-3700-3980	30	20	CP-QPSK	H	Inner_1RB_Right	19.65	19.71	22.69	25.29	30	PASS
N77-3700-3980	30	20	CP-QPSK	H	Outer_Full	18.16	18	21.09	23.69	30	PASS
N77-3700-3980	30	20	CP-16QAM	H	Inner_1RB_Left	18.8	19.04	21.93	24.53	30	PASS
N77-3700-3980	30	20	CP-16QAM	H	Inner_1RB_Right	18.94	18.89	21.93	24.53	30	PASS
N77-3700-3980	30	20	CP-16QAM	H	Outer_Full	18.12	17.99	21.07	23.67	30	PASS
N77-3700-3980	30	20	CP-64QAM	H	Inner_1RB_Left	17.63	17.16	20.41	23.01	30	PASS
N77-3700-3980	30	20	CP-64QAM	H	Inner_1RB_Right	17.58	17.09	20.35	22.95	30	PASS
N77-3700-3980	30	20	CP-64QAM	H	Outer_Full	17.66	17.58	20.63	23.23	30	PASS
N77-3700-3980	30	20	CP-256QAM	H	Inner_1RB_Left	15.32	15.34	18.34	20.94	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



Report No.: SEWM2208000155RG02

Rev.: 01

Page: 17 of 161

N77-3700-3980	30	20	CP-256QAM	H	Inner_1RB_Right	15.41	15.23	18.33	20.93	30	PASS
N77-3700-3980	30	20	CP-256QAM	H	Outer_Full	15.32	15.24	18.29	20.89	30	PASS
N77-3700-3980	30	40	CP-QPSK	L	Inner_1RB_Left	20.35	19.65	23.02	25.62	30	PASS
N77-3700-3980	30	40	CP-QPSK	L	Inner_1RB_Right	20.27	19.84	23.07	25.67	30	PASS
N77-3700-3980	30	40	CP-QPSK	L	Outer_Full	18.73	17.98	21.38	23.98	30	PASS
N77-3700-3980	30	40	CP-16QAM	L	Inner_1RB_Left	19.45	19.1	22.29	24.89	30	PASS
N77-3700-3980	30	40	CP-16QAM	L	Inner_1RB_Right	19.67	18.94	22.33	24.93	30	PASS
N77-3700-3980	30	40	CP-16QAM	L	Outer_Full	18.69	17.87	21.31	23.91	30	PASS
N77-3700-3980	30	40	CP-64QAM	L	Inner_1RB_Left	18.3	14.25	19.74	22.34	30	PASS
N77-3700-3980	30	40	CP-64QAM	L	Inner_1RB_Right	18.18	17.15	20.71	23.31	30	PASS
N77-3700-3980	30	40	CP-64QAM	L	Outer_Full	18.27	17.48	20.90	23.5	30	PASS
N77-3700-3980	30	40	CP-256QAM	L	Inner_1RB_Left	15.44	14.79	18.14	20.74	30	PASS
N77-3700-3980	30	40	CP-256QAM	L	Inner_1RB_Right	15.33	14.66	18.02	20.62	30	PASS
N77-3700-3980	30	40	CP-256QAM	L	Outer_Full	14.83	14.23	17.55	20.15	30	PASS
N77-3700-3980	30	40	CP-QPSK	M	Inner_1RB_Left	19.92	19.55	22.75	25.35	30	PASS
N77-3700-3980	30	40	CP-QPSK	M	Inner_1RB_Right	19.46	19.41	22.45	25.05	30	PASS
N77-3700-3980	30	40	CP-QPSK	M	Outer_Full	18.32	17.82	21.09	23.69	30	PASS
N77-3700-3980	30	40	CP-16QAM	M	Inner_1RB_Left	19.3	18.93	22.13	24.73	30	PASS
N77-3700-3980	30	40	CP-16QAM	M	Inner_1RB_Right	18.92	18.86	21.90	24.5	30	PASS
N77-3700-3980	30	40	CP-16QAM	M	Outer_Full	18.35	17.81	21.10	23.7	30	PASS
N77-3700-3980	30	40	CP-64QAM	M	Inner_1RB_Left	17.96	17.09	20.56	23.16	30	PASS
N77-3700-3980	30	40	CP-64QAM	M	Inner_1RB_Right	17.48	17.06	20.29	22.89	30	PASS
N77-3700-3980	30	40	CP-64QAM	M	Outer_Full	17.82	17.33	20.59	23.19	30	PASS
N77-3700-3980	30	40	CP-256QAM	M	Inner_1RB_Left	15.14	14.54	17.86	20.46	30	PASS
N77-3700-3980	30	40	CP-256QAM	M	Inner_1RB_Right	14.69	14.49	17.60	20.2	30	PASS
N77-3700-3980	30	40	CP-256QAM	M	Outer_Full	14.92	14.38	17.67	20.27	30	PASS
N77-3700-3980	30	40	CP-QPSK	H	Inner_1RB_Left	19.48	19.99	22.75	25.35	30	PASS
N77-3700-3980	30	40	CP-QPSK	H	Inner_1RB_Right	19.77	19.72	22.76	25.36	30	PASS
N77-3700-3980	30	40	CP-QPSK	H	Outer_Full	18.15	18.07	21.12	23.72	30	PASS
N77-3700-3980	30	40	CP-16QAM	H	Inner_1RB_Left	19.02	19.02	22.03	24.63	30	PASS
N77-3700-3980	30	40	CP-16QAM	H	Inner_1RB_Right	19.23	19.03	22.14	24.74	30	PASS
N77-3700-3980	30	40	CP-16QAM	H	Outer_Full	18.2	18.02	21.12	23.72	30	PASS
N77-3700-3980	30	40	CP-64QAM	H	Inner_1RB_Left	14.33	14.25	17.30	19.9	30	PASS
N77-3700-3980	30	40	CP-64QAM	H	Inner_1RB_Right	17.76	17.22	20.51	23.11	30	PASS
N77-3700-3980	30	40	CP-64QAM	H	Outer_Full	17.65	17.6	20.64	23.24	30	PASS
N77-3700-3980	30	40	CP-256QAM	H	Inner_1RB_Left	14.67	14.57	17.63	20.23	30	PASS
N77-3700-3980	30	40	CP-256QAM	H	Inner_1RB_Right	14.93	14.7	17.83	20.43	30	PASS
N77-3700-3980	30	40	CP-256QAM	H	Outer_Full	14.7	14.73	17.73	20.33	30	PASS



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

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

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

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



Report No.: SEWM2208000155RG02

Rev.: 01

Page: 18 of 161

N77-3700-3980	30	50	CP-QPSK	L	Inner_1RB_Left	20.21	19.65	22.95	25.55	30	PASS
N77-3700-3980	30	50	CP-QPSK	L	Inner_1RB_Right	20.04	19.13	22.62	25.22	30	PASS
N77-3700-3980	30	50	CP-QPSK	L	Outer_Full	18.72	17.78	21.29	23.89	30	PASS
N77-3700-3980	30	50	CP-16QAM	L	Inner_1RB_Left	19.38	18.88	22.15	24.75	30	PASS
N77-3700-3980	30	50	CP-16QAM	L	Inner_1RB_Right	19.6	18.33	22.02	24.62	30	PASS
N77-3700-3980	30	50	CP-16QAM	L	Outer_Full	18.67	17.72	21.23	23.83	30	PASS
N77-3700-3980	30	50	CP-64QAM	L	Inner_1RB_Left	17.24	16.99	20.13	22.73	30	PASS
N77-3700-3980	30	50	CP-64QAM	L	Inner_1RB_Right	18.13	16.62	20.45	23.05	30	PASS
N77-3700-3980	30	50	CP-64QAM	L	Outer_Full	18.19	17.3	20.78	23.38	30	PASS
N77-3700-3980	30	50	CP-256QAM	L	Inner_1RB_Left	15.22	14.49	17.88	20.48	30	PASS
N77-3700-3980	30	50	CP-256QAM	L	Inner_1RB_Right	15.18	14.08	17.68	20.28	30	PASS
N77-3700-3980	30	50	CP-256QAM	L	Outer_Full	15.13	14.39	17.79	20.39	30	PASS
N77-3700-3980	30	50	CP-QPSK	M	Inner_1RB_Left	19.69	19.09	22.41	25.01	30	PASS
N77-3700-3980	30	50	CP-QPSK	M	Inner_1RB_Right	19.28	19.48	22.39	24.99	30	PASS
N77-3700-3980	30	50	CP-QPSK	M	Outer_Full	18.23	17.63	20.95	23.55	30	PASS
N77-3700-3980	30	50	CP-16QAM	M	Inner_1RB_Left	19.1	18.5	21.82	24.42	30	PASS
N77-3700-3980	30	50	CP-16QAM	M	Inner_1RB_Right	18.87	18.86	21.88	24.48	30	PASS
N77-3700-3980	30	50	CP-16QAM	M	Outer_Full	18.23	17.63	20.95	23.55	30	PASS
N77-3700-3980	30	50	CP-64QAM	M	Inner_1RB_Left	17.7	16.69	20.23	22.83	30	PASS
N77-3700-3980	30	50	CP-64QAM	M	Inner_1RB_Right	17.46	16.92	20.21	22.81	30	PASS
N77-3700-3980	30	50	CP-64QAM	M	Outer_Full	17.7	17.1	20.42	23.02	30	PASS
N77-3700-3980	30	50	CP-256QAM	M	Inner_1RB_Left	14.86	14.03	17.48	20.08	30	PASS
N77-3700-3980	30	50	CP-256QAM	M	Inner_1RB_Right	14.56	14.23	17.41	20.01	30	PASS
N77-3700-3980	30	50	CP-256QAM	M	Outer_Full	14.71	14.18	17.46	20.06	30	PASS
N77-3700-3980	30	50	CP-QPSK	H	Inner_1RB_Left	19.4	19.08	22.25	24.85	30	PASS
N77-3700-3980	30	50	CP-QPSK	H	Inner_1RB_Right	19.43	19.46	22.46	25.06	30	PASS
N77-3700-3980	30	50	CP-QPSK	H	Outer_Full	17.94	17.84	20.90	23.5	30	PASS
N77-3700-3980	30	50	CP-16QAM	H	Inner_1RB_Left	18.64	18.66	21.66	24.26	30	PASS
N77-3700-3980	30	50	CP-16QAM	H	Inner_1RB_Right	18.83	18.82	21.84	24.44	30	PASS
N77-3700-3980	30	50	CP-16QAM	H	Outer_Full	17.99	17.87	20.94	23.54	30	PASS
N77-3700-3980	30	50	CP-64QAM	H	Inner_1RB_Left	17.39	16.72	20.08	22.68	30	PASS
N77-3700-3980	30	50	CP-64QAM	H	Inner_1RB_Right	17.53	16.93	20.25	22.85	30	PASS
N77-3700-3980	30	50	CP-64QAM	H	Outer_Full	17.47	17.37	20.43	23.03	30	PASS
N77-3700-3980	30	50	CP-256QAM	H	Inner_1RB_Left	14.54	14.16	17.36	19.96	30	PASS
N77-3700-3980	30	50	CP-256QAM	H	Inner_1RB_Right	14.6	14.42	17.52	20.12	30	PASS
N77-3700-3980	30	50	CP-256QAM	H	Outer_Full	14.42	14.47	17.46	20.06	30	PASS
N77-3700-3980	30	60	CP-QPSK	L	Inner_1RB_Left	20.17	19.52	22.87	25.47	30	PASS
N77-3700-3980	30	60	CP-QPSK	L	Inner_1RB_Right	20.06	19.61	22.85	25.45	30	PASS



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

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

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

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



Report No.: SEWM2208000155RG02

Rev.: 01

Page: 19 of 161

N77-3700-3980	30	60	CP-QPSK	L	Outer_Full	18.66	17.7	21.22	23.82	30	PASS
N77-3700-3980	30	60	CP-16QAM	L	Inner_1RB_Left	19.48	18.74	22.14	24.74	30	PASS
N77-3700-3980	30	60	CP-16QAM	L	Inner_1RB_Right	19.46	18.93	22.21	24.81	30	PASS
N77-3700-3980	30	60	CP-16QAM	L	Outer_Full	18.67	17.7	21.22	23.82	30	PASS
N77-3700-3980	30	60	CP-64QAM	L	Inner_1RB_Left	16.36	16.25	19.32	21.92	30	PASS
N77-3700-3980	30	60	CP-64QAM	L	Inner_1RB_Right	18.03	16.94	20.53	23.13	30	PASS
N77-3700-3980	30	60	CP-64QAM	L	Outer_Full	17.18	16.32	19.78	22.38	30	PASS
N77-3700-3980	30	60	CP-256QAM	L	Inner_1RB_Left	15.2	14.42	17.84	20.44	30	PASS
N77-3700-3980	30	60	CP-256QAM	L	Inner_1RB_Right	15.25	15.32	18.30	20.9	30	PASS
N77-3700-3980	30	60	CP-256QAM	L	Outer_Full	15.12	14.38	17.78	20.38	30	PASS
N77-3700-3980	30	60	CP-QPSK	M	Inner_1RB_Left	19.64	18.75	22.23	24.83	30	PASS
N77-3700-3980	30	60	CP-QPSK	M	Inner_1RB_Right	19.28	19.38	22.34	24.94	30	PASS
N77-3700-3980	30	60	CP-QPSK	M	Outer_Full	18.14	17.63	20.90	23.5	30	PASS
N77-3700-3980	30	60	CP-16QAM	M	Inner_1RB_Left	19.04	18.32	21.71	24.31	30	PASS
N77-3700-3980	30	60	CP-16QAM	M	Inner_1RB_Right	18.83	19.16	22.01	24.61	30	PASS
N77-3700-3980	30	60	CP-16QAM	M	Outer_Full	18.17	17.61	20.91	23.51	30	PASS
N77-3700-3980	30	60	CP-64QAM	M	Inner_1RB_Left	15.32	15.22	18.28	20.88	30	PASS
N77-3700-3980	30	60	CP-64QAM	M	Inner_1RB_Right	17.37	16.96	20.18	22.78	30	PASS
N77-3700-3980	30	60	CP-64QAM	M	Outer_Full	17.71	17.12	20.44	23.04	30	PASS
N77-3700-3980	30	60	CP-256QAM	M	Inner_1RB_Left	14.81	13.76	17.33	19.93	30	PASS
N77-3700-3980	30	60	CP-256QAM	M	Inner_1RB_Right	14.54	14.3	17.43	20.03	30	PASS
N77-3700-3980	30	60	CP-256QAM	M	Outer_Full	14.75	14.2	17.49	20.09	30	PASS
N77-3700-3980	30	60	CP-QPSK	H	Inner_1RB_Left	19.59	18.52	22.10	24.7	30	PASS
N77-3700-3980	30	60	CP-QPSK	H	Inner_1RB_Right	19.42	19.54	22.49	25.09	30	PASS
N77-3700-3980	30	60	CP-QPSK	H	Outer_Full	18.01	17.84	20.94	23.54	30	PASS
N77-3700-3980	30	60	CP-16QAM	H	Inner_1RB_Left	18.99	18.15	21.60	24.2	30	PASS
N77-3700-3980	30	60	CP-16QAM	H	Inner_1RB_Right	18.85	19.04	21.96	24.56	30	PASS
N77-3700-3980	30	60	CP-16QAM	H	Outer_Full	18.04	17.88	20.97	23.57	30	PASS
N77-3700-3980	30	60	CP-64QAM	H	Inner_1RB_Left	17.65	13.18	18.98	21.58	30	PASS
N77-3700-3980	30	60	CP-64QAM	H	Inner_1RB_Right	17.49	17.08	20.30	22.9	30	PASS
N77-3700-3980	30	60	CP-64QAM	H	Outer_Full	17.55	17.38	20.48	23.08	30	PASS
N77-3700-3980	30	60	CP-256QAM	H	Inner_1RB_Left	14.73	13.55	17.19	19.79	30	PASS
N77-3700-3980	30	60	CP-256QAM	H	Inner_1RB_Right	14.62	14.47	17.56	20.16	30	PASS
N77-3700-3980	30	60	CP-256QAM	H	Outer_Full	14.57	14.49	17.54	20.14	30	PASS
N77-3700-3980	30	70	CP-QPSK	L	Inner_1RB_Left	19.98	19.47	22.74	25.34	30	PASS
N77-3700-3980	30	70	CP-QPSK	L	Inner_1RB_Right	19.99	19.27	22.66	25.26	30	PASS
N77-3700-3980	30	70	CP-QPSK	L	Outer_Full	18.53	17.69	21.14	23.74	30	PASS
N77-3700-3980	30	70	CP-16QAM	L	Inner_1RB_Left	19.25	18.71	22.00	24.6	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号厂房南楼 邮编: 215000

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



Report No.: SEWM2208000155RG02

Rev.: 01

Page: 20 of 161

N77-3700-3980	30	70	CP-16QAM	L	Inner_1RB_Right	19.3	18.59	21.97	24.57	30	PASS
N77-3700-3980	30	70	CP-16QAM	L	Outer_Full	18.57	17.65	21.14	23.74	30	PASS
N77-3700-3980	30	70	CP-64QAM	L	Inner_1RB_Left	16.25	16.25	19.26	21.86	30	PASS
N77-3700-3980	30	70	CP-64QAM	L	Inner_1RB_Right	17.83	16.59	20.26	22.86	30	PASS
N77-3700-3980	30	70	CP-64QAM	L	Outer_Full	18.05	17.21	20.66	23.26	30	PASS
N77-3700-3980	30	70	CP-256QAM	L	Inner_1RB_Left	15.04	14.33	17.71	20.31	30	PASS
N77-3700-3980	30	70	CP-256QAM	L	Inner_1RB_Right	15.04	14.1	17.61	20.21	30	PASS
N77-3700-3980	30	70	CP-256QAM	L	Outer_Full	15.07	14.4	17.76	20.36	30	PASS
N77-3700-3980	30	70	CP-QPSK	M	Inner_1RB_Left	19.5	18.69	22.12	24.72	30	PASS
N77-3700-3980	30	70	CP-QPSK	M	Inner_1RB_Right	19.16	19.33	22.26	24.86	30	PASS
N77-3700-3980	30	70	CP-QPSK	M	Outer_Full	18.02	17.59	20.82	23.42	30	PASS
N77-3700-3980	30	70	CP-16QAM	M	Inner_1RB_Left	18.79	18.09	21.46	24.06	30	PASS
N77-3700-3980	30	70	CP-16QAM	M	Inner_1RB_Right	18.69	18.55	21.63	24.23	30	PASS
N77-3700-3980	30	70	CP-16QAM	M	Outer_Full	18.06	17.5	20.80	23.4	30	PASS
N77-3700-3980	30	70	CP-64QAM	M	Inner_1RB_Left	17.48	16.13	19.87	22.47	30	PASS
N77-3700-3980	30	70	CP-64QAM	M	Inner_1RB_Right	17.06	16.81	19.95	22.55	30	PASS
N77-3700-3980	30	70	CP-64QAM	M	Outer_Full	17.57	17	20.30	22.9	30	PASS
N77-3700-3980	30	70	CP-256QAM	M	Inner_1RB_Left	14.63	13.55	17.13	19.73	30	PASS
N77-3700-3980	30	70	CP-256QAM	M	Inner_1RB_Right	14.28	14.27	17.29	19.89	30	PASS
N77-3700-3980	30	70	CP-256QAM	M	Outer_Full	14.59	14.18	17.40	20	30	PASS
N77-3700-3980	30	70	CP-QPSK	H	Inner_1RB_Left	19.41	19.19	22.31	24.91	30	PASS
N77-3700-3980	30	70	CP-QPSK	H	Inner_1RB_Right	19.43	19.6	22.53	25.13	30	PASS
N77-3700-3980	30	70	CP-QPSK	H	Outer_Full	17.87	17.92	20.91	23.51	30	PASS
N77-3700-3980	30	70	CP-16QAM	H	Inner_1RB_Left	18.86	18.43	21.66	24.26	30	PASS
N77-3700-3980	30	70	CP-16QAM	H	Inner_1RB_Right	18.81	18.88	21.86	24.46	30	PASS
N77-3700-3980	30	70	CP-16QAM	H	Outer_Full	17.92	17.96	20.95	23.55	30	PASS
N77-3700-3980	30	70	CP-64QAM	H	Inner_1RB_Left	17.43	16.6	20.05	22.65	30	PASS
N77-3700-3980	30	70	CP-64QAM	H	Inner_1RB_Right	17.4	17.12	20.27	22.87	30	PASS
N77-3700-3980	30	70	CP-64QAM	H	Outer_Full	17.4	17.48	20.45	23.05	30	PASS
N77-3700-3980	30	70	CP-256QAM	H	Inner_1RB_Left	14.6	14.03	17.33	19.93	30	PASS
N77-3700-3980	30	70	CP-256QAM	H	Inner_1RB_Right	14.5	14.35	17.44	20.04	30	PASS
N77-3700-3980	30	70	CP-256QAM	H	Outer_Full	14.34	14.56	17.46	20.06	30	PASS
N77-3700-3980	30	80	CP-QPSK	L	Inner_1RB_Left	19.79	19.16	22.50	25.1	30	PASS
N77-3700-3980	30	80	CP-QPSK	L	Inner_1RB_Right	19.69	18.85	22.30	24.9	30	PASS
N77-3700-3980	30	80	CP-QPSK	L	Outer_Full	18.44	16.29	20.51	23.11	30	PASS
N77-3700-3980	30	80	CP-16QAM	L	Inner_1RB_Left	19.11	18.64	21.89	24.49	30	PASS
N77-3700-3980	30	80	CP-16QAM	L	Inner_1RB_Right	18.97	18.16	21.59	24.19	30	PASS
N77-3700-3980	30	80	CP-16QAM	L	Outer_Full	18.47	17.5	21.02	23.62	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号厂房南座 邮编: 215000

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



Report No.: SEWM2208000155RG02

Rev.: 01

Page: 21 of 161

N77-3700-3980	30	80	CP-64QAM	L	Inner_1RB_Left	15.72	15.25	18.50	21.1	30	PASS
N77-3700-3980	30	80	CP-64QAM	L	Inner_1RB_Right	17.68	16.21	20.02	22.62	30	PASS
N77-3700-3980	30	80	CP-64QAM	L	Outer_Full	18.01	17.05	20.57	23.17	30	PASS
N77-3700-3980	30	80	CP-256QAM	L	Inner_1RB_Left	15.01	14.29	17.68	20.28	30	PASS
N77-3700-3980	30	80	CP-256QAM	L	Inner_1RB_Right	14.83	13.76	17.34	19.94	30	PASS
N77-3700-3980	30	80	CP-256QAM	L	Outer_Full	15.03	14.2	17.65	20.25	30	PASS
N77-3700-3980	30	80	CP-QPSK	M	Inner_1RB_Left	21.32	21.36	24.35	26.95	30	PASS
N77-3700-3980	30	80	CP-QPSK	M	Inner_1RB_Right	19.23	19.12	22.19	24.79	30	PASS
N77-3700-3980	30	80	CP-QPSK	M	Outer_Full	18	17.53	20.78	23.38	30	PASS
N77-3700-3980	30	80	CP-16QAM	M	Inner_1RB_Left	18.57	18.09	21.35	23.95	30	PASS
N77-3700-3980	30	80	CP-16QAM	M	Inner_1RB_Right	18.36	18.34	21.36	23.96	30	PASS
N77-3700-3980	30	80	CP-16QAM	M	Outer_Full	18.02	17.52	20.79	23.39	30	PASS
N77-3700-3980	30	80	CP-64QAM	M	Inner_1RB_Left	17.36	16.11	19.79	22.39	30	PASS
N77-3700-3980	30	80	CP-64QAM	M	Inner_1RB_Right	17.03	16.67	19.86	22.46	30	PASS
N77-3700-3980	30	80	CP-64QAM	M	Outer_Full	17.51	17.06	20.30	22.9	30	PASS
N77-3700-3980	30	80	CP-256QAM	M	Inner_1RB_Left	14.5	13.51	17.04	19.64	30	PASS
N77-3700-3980	30	80	CP-256QAM	M	Inner_1RB_Right	14.11	14.03	17.08	19.68	30	PASS
N77-3700-3980	30	80	CP-256QAM	M	Outer_Full	14.58	14.11	17.36	19.96	30	PASS
N77-3700-3980	30	80	CP-QPSK	H	Inner_1RB_Left	19.1	19.05	22.09	24.69	30	PASS
N77-3700-3980	30	80	CP-QPSK	H	Inner_1RB_Right	19.43	19.39	22.42	25.02	30	PASS
N77-3700-3980	30	80	CP-QPSK	H	Outer_Full	17.81	17.83	20.83	23.43	30	PASS
N77-3700-3980	30	80	CP-16QAM	H	Inner_1RB_Left	18.6	18.43	21.53	24.13	30	PASS
N77-3700-3980	30	80	CP-16QAM	H	Inner_1RB_Right	18.77	18.76	21.78	24.38	30	PASS
N77-3700-3980	30	80	CP-16QAM	H	Outer_Full	17.83	17.83	20.84	23.44	30	PASS
N77-3700-3980	30	80	CP-64QAM	H	Inner_1RB_Left	17.27	16.58	19.95	22.55	30	PASS
N77-3700-3980	30	80	CP-64QAM	H	Inner_1RB_Right	17.33	17.15	20.25	22.85	30	PASS
N77-3700-3980	30	80	CP-64QAM	H	Outer_Full	17.35	17.39	20.38	22.98	30	PASS
N77-3700-3980	30	80	CP-256QAM	H	Inner_1RB_Left	14.44	14.01	17.24	19.84	30	PASS
N77-3700-3980	30	80	CP-256QAM	H	Inner_1RB_Right	14.42	14.22	17.33	19.93	30	PASS
N77-3700-3980	30	80	CP-256QAM	H	Outer_Full	14.3	14.37	17.35	19.95	30	PASS
N77-3700-3980	30	90	CP-QPSK	L	Inner_1RB_Left	19.88	19.23	22.58	25.18	30	PASS
N77-3700-3980	30	90	CP-QPSK	L	Inner_1RB_Right	19.4	18.99	22.21	24.81	30	PASS
N77-3700-3980	30	90	CP-QPSK	L	Outer_Full	18.44	17.56	21.03	23.63	30	PASS
N77-3700-3980	30	90	CP-16QAM	L	Inner_1RB_Left	19.15	18.89	22.03	24.63	30	PASS
N77-3700-3980	30	90	CP-16QAM	L	Inner_1RB_Right	18.85	18.35	21.62	24.22	30	PASS
N77-3700-3980	30	90	CP-16QAM	L	Outer_Full	18.46	17.58	21.05	23.65	30	PASS
N77-3700-3980	30	90	CP-64QAM	L	Inner_1RB_Left	15.33	15.25	18.30	20.9	30	PASS
N77-3700-3980	30	90	CP-64QAM	L	Inner_1RB_Right	17.49	16.62	20.09	22.69	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号厂房南座 邮编: 215000

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



Report No.: SEWM2208000155RG02

Rev.: 01

Page: 22 of 161

N77-3700-3980	30	90	CP-64QAM	L	Outer_Full	17.97	17.05	20.54	23.14	30	PASS
N77-3700-3980	30	90	CP-256QAM	L	Inner_1RB_Left	15.02	14.27	17.67	20.27	30	PASS
N77-3700-3980	30	90	CP-256QAM	L	Inner_1RB_Right	14.64	15.25	17.97	20.57	30	PASS
N77-3700-3980	30	90	CP-256QAM	L	Outer_Full	15.01	14.26	17.66	20.26	30	PASS
N77-3700-3980	30	90	CP-QPSK	M	Inner_1RB_Left	19.14	18.93	22.05	24.65	30	PASS
N77-3700-3980	30	90	CP-QPSK	M	Inner_1RB_Right	18.99	18.91	21.96	24.56	30	PASS
N77-3700-3980	30	90	CP-QPSK	M	Outer_Full	17.98	17.52	20.77	23.37	30	PASS
N77-3700-3980	30	90	CP-16QAM	M	Inner_1RB_Left	18.58	18.36	21.48	24.08	30	PASS
N77-3700-3980	30	90	CP-16QAM	M	Inner_1RB_Right	18.38	18.3	21.35	23.95	30	PASS
N77-3700-3980	30	90	CP-16QAM	M	Outer_Full	17.92	17.53	20.74	23.34	30	PASS
N77-3700-3980	30	90	CP-64QAM	M	Inner_1RB_Left	15.25	15.32	18.30	20.9	30	PASS
N77-3700-3980	30	90	CP-64QAM	M	Inner_1RB_Right	17.16	16.38	19.80	22.4	30	PASS
N77-3700-3980	30	90	CP-64QAM	M	Outer_Full	17.49	17.02	20.27	22.87	30	PASS
N77-3700-3980	30	90	CP-256QAM	M	Inner_1RB_Left	14.46	13.76	17.13	19.73	30	PASS
N77-3700-3980	30	90	CP-256QAM	M	Inner_1RB_Right	14.16	14.33	17.26	19.86	30	PASS
N77-3700-3980	30	90	CP-256QAM	M	Outer_Full	14.53	14.07	17.32	19.92	30	PASS
N77-3700-3980	30	90	CP-QPSK	H	Inner_1RB_Left	18.91	18.35	21.65	24.25	30	PASS
N77-3700-3980	30	90	CP-QPSK	H	Inner_1RB_Right	19.27	19.75	22.53	25.13	30	PASS
N77-3700-3980	30	90	CP-QPSK	H	Outer_Full	17.77	17.71	20.75	23.35	30	PASS
N77-3700-3980	30	90	CP-16QAM	H	Inner_1RB_Left	18.29	17.81	21.07	23.67	30	PASS
N77-3700-3980	30	90	CP-16QAM	H	Inner_1RB_Right	18.54	19.02	21.80	24.4	30	PASS
N77-3700-3980	30	90	CP-16QAM	H	Outer_Full	17.8	17.79	20.81	23.41	30	PASS
N77-3700-3980	30	90	CP-64QAM	H	Inner_1RB_Left	15.32	15.25	18.30	20.9	30	PASS
N77-3700-3980	30	90	CP-64QAM	H	Inner_1RB_Right	17.34	17.12	20.24	22.84	30	PASS
N77-3700-3980	30	90	CP-64QAM	H	Outer_Full	17.27	17.26	20.28	22.88	30	PASS
N77-3700-3980	30	90	CP-256QAM	H	Inner_1RB_Left	14.09	13.25	16.70	19.3	30	PASS
N77-3700-3980	30	90	CP-256QAM	H	Inner_1RB_Right	14.42	14.33	17.39	19.99	30	PASS
N77-3700-3980	30	90	CP-256QAM	H	Outer_Full	14.23	14.31	17.28	19.88	30	PASS
N77-3700-3980	30	100	CP-QPSK	L	Inner_1RB_Left	19.79	19.12	22.48	25.08	30	PASS
N77-3700-3980	30	100	CP-QPSK	L	Inner_1RB_Right	19.46	18.75	22.13	24.73	30	PASS
N77-3700-3980	30	100	CP-QPSK	L	Outer_Full	18.34	17.44	20.92	23.52	30	PASS
N77-3700-3980	30	100	CP-16QAM	L	Inner_1RB_Left	19.11	18.58	21.86	24.46	30	PASS
N77-3700-3980	30	100	CP-16QAM	L	Inner_1RB_Right	18.78	18.07	21.45	24.05	30	PASS
N77-3700-3980	30	100	CP-16QAM	L	Outer_Full	18.36	17.36	20.90	23.5	30	PASS
N77-3700-3980	30	100	CP-64QAM	L	Inner_1RB_Left	17.84	16.69	20.31	22.91	30	PASS
N77-3700-3980	30	100	CP-64QAM	L	Inner_1RB_Right	17.45	16.16	19.86	22.46	30	PASS
N77-3700-3980	30	100	CP-64QAM	L	Outer_Full	17.86	16.95	20.44	23.04	30	PASS
N77-3700-3980	30	100	CP-256QAM	L	Inner_1RB_Left	14.32	15.25	17.82	20.42	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-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

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



Report No.: SEWM2208000155RG02

Rev.: 01

Page: 23 of 161

N77-3700-3980	30	100	CP-256QAM	L	Inner_1RB_Right	15.22	15.36	18.30	20.9	30	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	15.143	15.25	18.21	20.81	30	PASS
N77-3700-3980	30	100	CP-QPSK	M	Inner_1RB_Left	19.23	19.18	22.22	24.82	30	PASS
N77-3700-3980	30	100	CP-QPSK	M	Inner_1RB_Right	19.17	18.76	21.98	24.58	30	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	17.97	17.46	20.73	23.33	30	PASS
N77-3700-3980	30	100	CP-16QAM	M	Inner_1RB_Left	18.55	18.49	21.53	24.13	30	PASS
N77-3700-3980	30	100	CP-16QAM	M	Inner_1RB_Right	18.57	18.04	21.32	23.92	30	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	17.95	17.49	20.74	23.34	30	PASS
N77-3700-3980	30	100	CP-64QAM	M	Inner_1RB_Left	17.28	16.59	19.96	22.56	30	PASS
N77-3700-3980	30	100	CP-64QAM	M	Inner_1RB_Right	17.15	16.18	19.70	22.3	30	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	17.47	16.96	20.23	22.83	30	PASS
N77-3700-3980	30	100	CP-256QAM	M	Inner_1RB_Left	14.44	14.06	17.26	19.86	30	PASS
N77-3700-3980	30	100	CP-256QAM	M	Inner_1RB_Right	14.25	13.59	16.94	19.54	30	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	14.45	14.11	17.29	19.89	30	PASS
N77-3700-3980	30	100	CP-QPSK	H	Inner_1RB_Left	18.69	18.65	21.68	24.28	30	PASS
N77-3700-3980	30	100	CP-QPSK	H	Inner_1RB_Right	19.44	19.87	22.67	25.27	30	PASS
N77-3700-3980	30	100	CP-QPSK	H	Outer_Full	17.69	17.76	20.74	23.34	30	PASS
N77-3700-3980	30	100	CP-16QAM	H	Inner_1RB_Left	17.96	18.08	21.03	23.63	30	PASS
N77-3700-3980	30	100	CP-16QAM	H	Inner_1RB_Right	18.91	18.97	21.95	24.55	30	PASS
N77-3700-3980	30	100	CP-16QAM	H	Outer_Full	17.7	17.7	20.71	23.31	30	PASS
N77-3700-3980	30	100	CP-64QAM	H	Inner_1RB_Left	16.61	16.16	19.40	22	30	PASS
N77-3700-3980	30	100	CP-64QAM	H	Inner_1RB_Right	15.25	17.15	19.31	21.91	30	PASS
N77-3700-3980	30	100	CP-64QAM	H	Outer_Full	17.22	17.21	20.23	22.83	30	PASS
N77-3700-3980	30	100	CP-256QAM	H	Inner_1RB_Left	13.86	13.54	16.71	19.31	30	PASS
N77-3700-3980	30	100	CP-256QAM	H	Inner_1RB_Right	14.04	14.65	17.37	19.97	30	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	14.27	14.31	17.30	19.9	30	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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



Report No.: SEWM2208000155RG02
Rev.: 01
Page: 24 of 161

Peak-to-Average Ratio for SA

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	9.69	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	100%	0.00	9.58	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	100%	0.00	9.92	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	100%	0.00	9.88	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	100%	0.00	10.07	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	100%	0.00	10.28	≤13	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

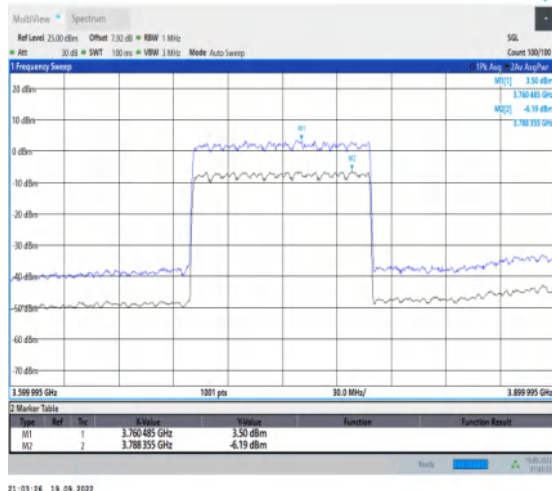
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2208000155RG02

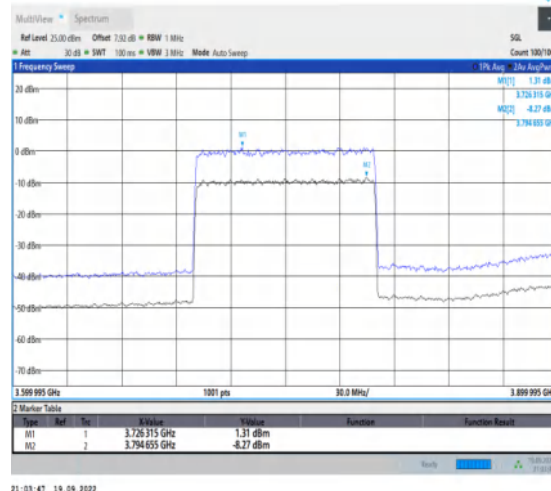
Rev.: 01

Page: 25 of 161

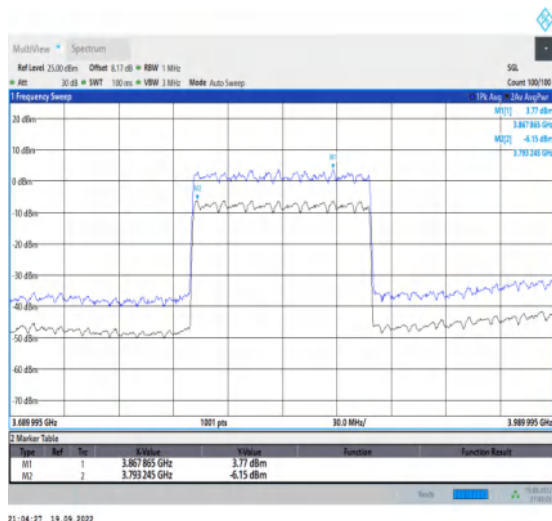
Test Graphs



1-N77-3700-3980--30-100-L-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.69-100%-0.00-9.69-PASS-≤13



1-N77-3700-3980--30-100-L-2-CP-256QAM-Outer_Full-273@0-Ant1-9.58-100%-0.00-9.58-PASS-≤13



1-N77-3700-3980--30-100-M-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.92-100%-0.00-9.92-PASS-≤13



1-N77-3700-3980--30-100-M-2-CP-256QAM-Outer_Full-273@0-Ant1-9.88-100%-0.00-9.88-PASS-≤13



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

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

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

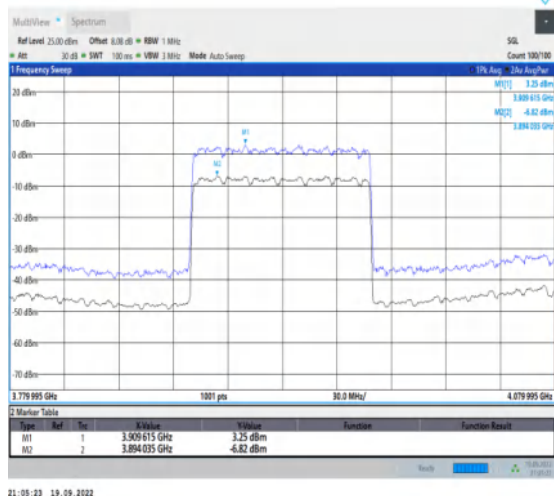
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

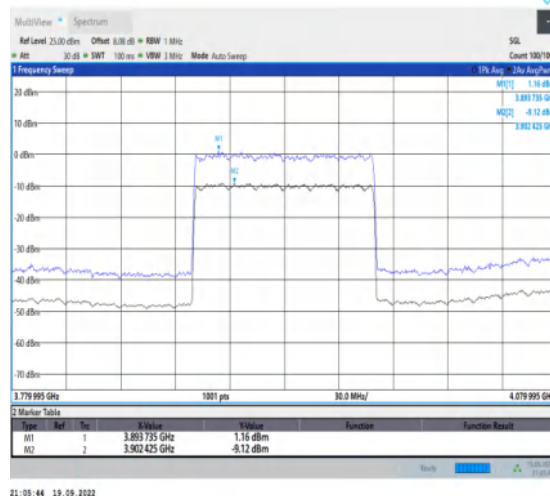
Report No.: SEWM2208000155RG02

Rev.: 01

Page: 26 of 161



1-N77-3700-3980--30-100-H-1-DFT-256QAM-Outer_
Full-270@0-Ant1-10.07-100%-0.00-10.07-PASS-≤13



1-N77-3700-3980--30-100-H-2-CP-256QAM-Outer_
Full-273@0-Ant1-10.28-100%-0.00-10.28-PASS-≤13



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 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.: SEWM2208000155RG02
Rev.: 01
Page: 27 of 161

Modulation characteristics for SA

Test Result

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



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

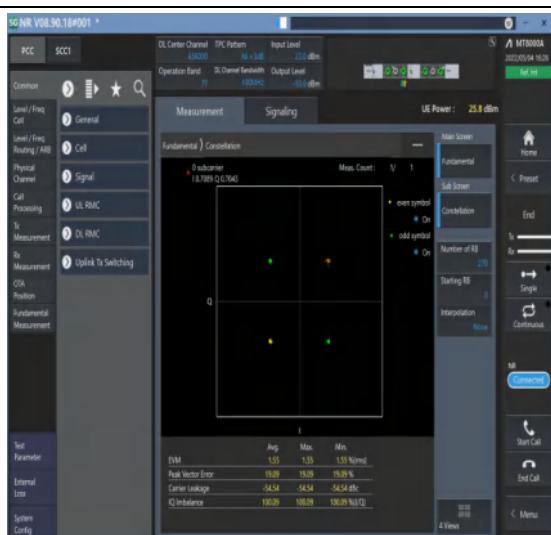
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

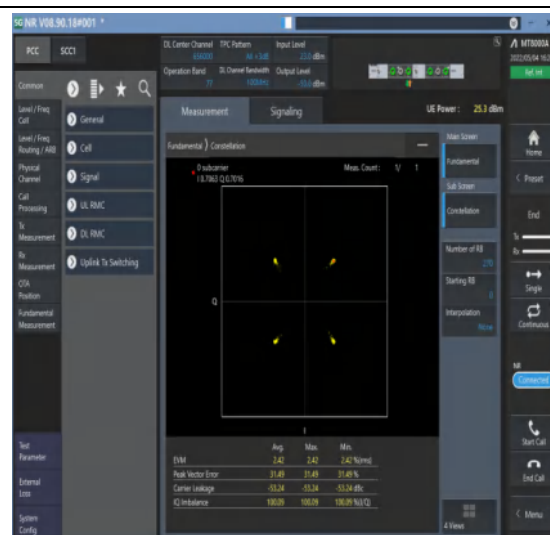
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2208000155RG02
Rev.: 01
Page: 28 of 161

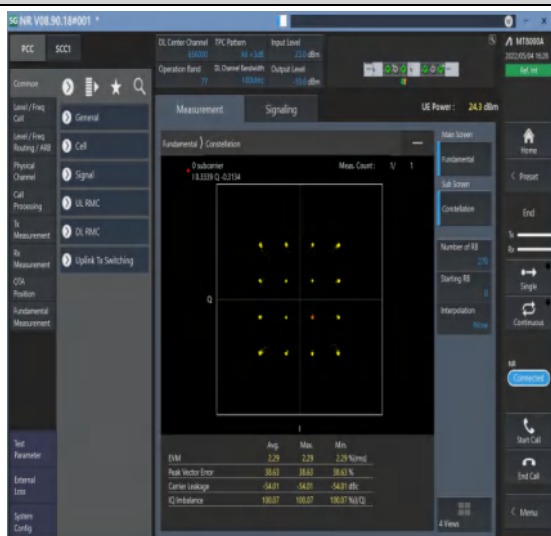
Test Graphs



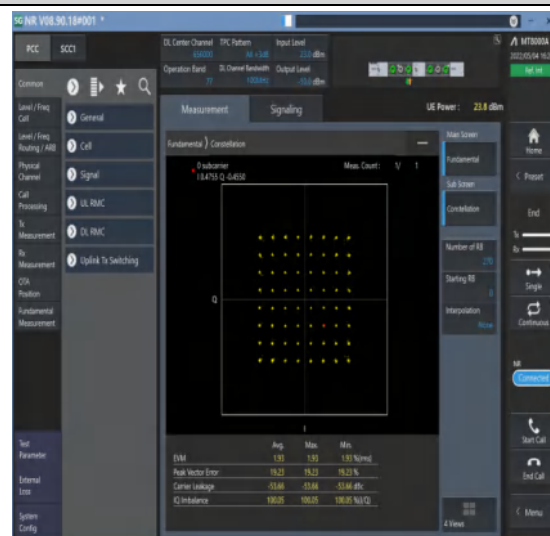
1-N77-3700-3980--30-100-M-1-DFT-PI2BPSK-Outer_Full-270@0-Ant1-see graph-PASS



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



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



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



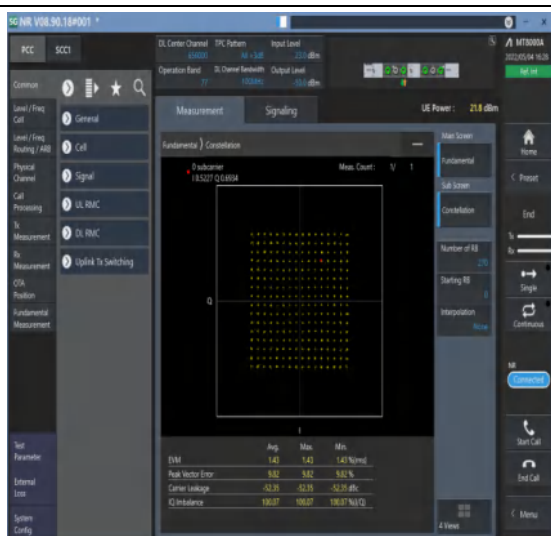
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

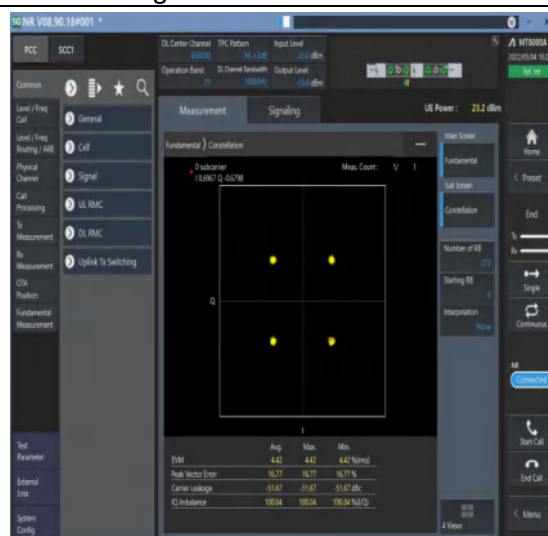
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

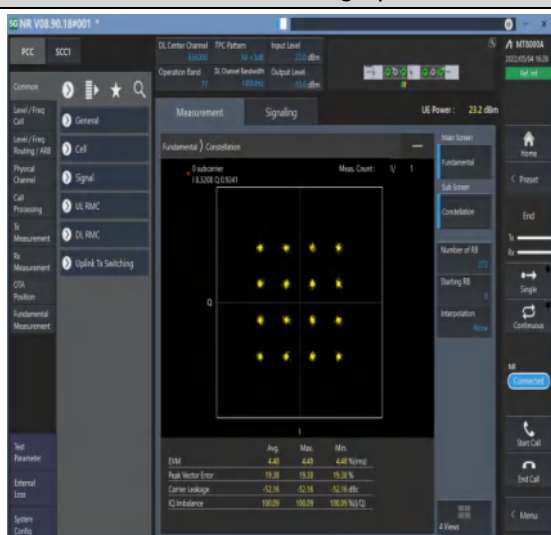
Member of the SGS Group (SGS SA)



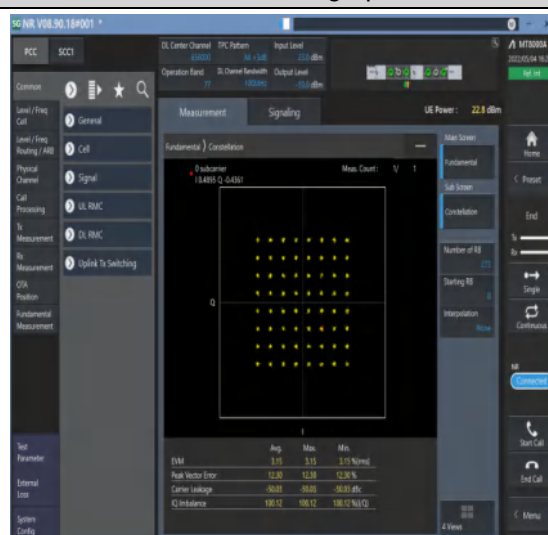
1-N77-3700-3980--30-100-M-5-DFT-256QAM-Outer_Fu
Full-270@0-Ant1-see graph-PASS



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



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

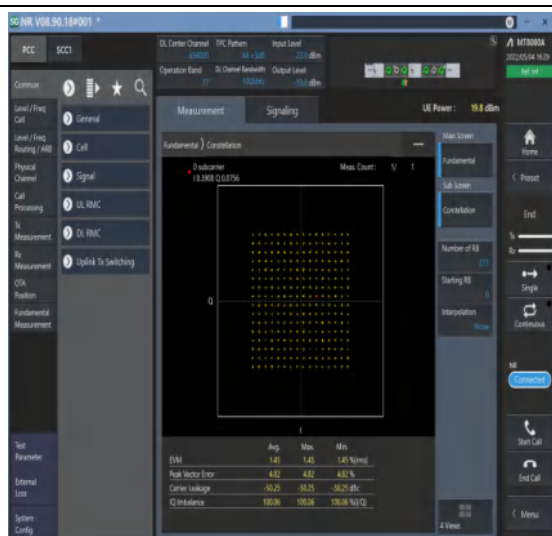


1-N77-3700-3980--30-100-M-8-CP-64QAM-Outer_F
ull-273@0-Ant1-see graph-PASS

Report No.: SEWM2208000155RG02

Rev.: 01

Page: 30 of 161



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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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.: SEWM2208000155RG02
 Rev.: 01
 Page: 31 of 161

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	8.571	9.220	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Outer_Full	8.583	9.620	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Outer_Full	8.59	9.360	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Outer_Full	8.58	9.400	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Outer_Full	8.571	9.660	PASS
N77-3700-3980	30	10	CP-QPSK	L	Outer_Full	8.562	9.660	PASS
N77-3700-3980	30	10	CP-16QAM	L	Outer_Full	8.571	9.560	PASS
N77-3700-3980	30	10	CP-64QAM	L	Outer_Full	8.556	9.680	PASS
N77-3700-3980	30	10	CP-256QAM	L	Outer_Full	8.582	9.480	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	8.593	9.600	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	8.586	9.720	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	8.595	9.680	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	8.581	9.520	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	8.567	9.560	PASS
N77-3700-3980	30	10	CP-QPSK	M	Outer_Full	8.604	9.320	PASS
N77-3700-3980	30	10	CP-16QAM	M	Outer_Full	8.583	9.740	PASS
N77-3700-3980	30	10	CP-64QAM	M	Outer_Full	8.585	9.700	PASS
N77-3700-3980	30	10	CP-256QAM	M	Outer_Full	8.567	9.640	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	8.547	9.200	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Outer_Full	8.564	9.660	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Outer_Full	8.563	9.620	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Outer_Full	8.557	9.480	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Outer_Full	8.552	9.460	PASS
N77-3700-3980	30	10	CP-QPSK	H	Outer_Full	8.577	9.720	PASS
N77-3700-3980	30	10	CP-16QAM	H	Outer_Full	8.576	9.580	PASS
N77-3700-3980	30	10	CP-64QAM	H	Outer_Full	8.601	9.600	PASS
N77-3700-3980	30	10	CP-256QAM	H	Outer_Full	8.593	9.400	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	12.905	13.980	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Outer_Full	12.911	13.770	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Outer_Full	12.886	13.620	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Outer_Full	12.832	14.130	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
 Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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

Report No.: SEWM2208000155RG02

Rev.: 01

Page: 32 of 161

N77-3700-3980	30	15	DFT-256QAM	L	Outer_Full	12.818	13.800	PASS
N77-3700-3980	30	15	CP-QPSK	L	Outer_Full	13.588	14.700	PASS
N77-3700-3980	30	15	CP-16QAM	L	Outer_Full	13.567	15.000	PASS
N77-3700-3980	30	15	CP-64QAM	L	Outer_Full	13.584	14.640	PASS
N77-3700-3980	30	15	CP-256QAM	L	Outer_Full	13.586	14.880	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	12.933	14.400	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	12.82	14.190	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	12.853	14.490	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	12.877	14.040	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	12.865	13.710	PASS
N77-3700-3980	30	15	CP-QPSK	M	Outer_Full	13.601	14.850	PASS
N77-3700-3980	30	15	CP-16QAM	M	Outer_Full	13.599	15.270	PASS
N77-3700-3980	30	15	CP-64QAM	M	Outer_Full	13.627	15.240	PASS
N77-3700-3980	30	15	CP-256QAM	M	Outer_Full	13.57	14.550	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	12.883	13.800	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Outer_Full	12.822	14.130	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Outer_Full	12.814	14.220	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Outer_Full	12.888	14.010	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Outer_Full	12.84	14.040	PASS
N77-3700-3980	30	15	CP-QPSK	H	Outer_Full	13.617	14.790	PASS
N77-3700-3980	30	15	CP-16QAM	H	Outer_Full	13.548	14.820	PASS
N77-3700-3980	30	15	CP-64QAM	H	Outer_Full	13.572	14.790	PASS
N77-3700-3980	30	15	CP-256QAM	H	Outer_Full	13.568	14.820	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	17.793	18.840	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Outer_Full	17.792	19.040	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Outer_Full	17.842	18.680	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Outer_Full	17.874	19.200	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Outer_Full	17.857	19.040	PASS
N77-3700-3980	30	20	CP-QPSK	L	Outer_Full	18.175	18.920	PASS
N77-3700-3980	30	20	CP-16QAM	L	Outer_Full	18.217	19.680	PASS
N77-3700-3980	30	20	CP-64QAM	L	Outer_Full	18.196	19.400	PASS
N77-3700-3980	30	20	CP-256QAM	L	Outer_Full	18.243	19.240	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	17.842	18.920	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	17.783	19.080	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	17.843	18.600	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	17.815	19.120	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	17.75	18.880	PASS
N77-3700-3980	30	20	CP-QPSK	M	Outer_Full	18.179	19.360	PASS



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

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

Report No.: SEWM2208000155RG02

Rev.: 01

Page: 33 of 161

N77-3700-3980	30	20	CP-16QAM	M	Outer_Full	18.172	19.200	PASS
N77-3700-3980	30	20	CP-64QAM	M	Outer_Full	18.224	19.720	PASS
N77-3700-3980	30	20	CP-256QAM	M	Outer_Full	18.116	19.600	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	17.79	19.000	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Outer_Full	17.824	18.800	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Outer_Full	17.861	19.200	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Outer_Full	17.774	18.880	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Outer_Full	17.838	19.240	PASS
N77-3700-3980	30	20	CP-QPSK	H	Outer_Full	18.222	19.360	PASS
N77-3700-3980	30	20	CP-16QAM	H	Outer_Full	18.107	19.280	PASS
N77-3700-3980	30	20	CP-64QAM	H	Outer_Full	18.16	19.240	PASS
N77-3700-3980	30	20	CP-256QAM	H	Outer_Full	18.243	19.440	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	35.712	37.200	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Outer_Full	35.751	37.600	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Outer_Full	35.733	37.520	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Outer_Full	35.826	37.520	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Outer_Full	35.852	37.520	PASS
N77-3700-3980	30	40	CP-QPSK	L	Outer_Full	37.778	39.760	PASS
N77-3700-3980	30	40	CP-16QAM	L	Outer_Full	37.776	39.600	PASS
N77-3700-3980	30	40	CP-64QAM	L	Outer_Full	37.815	40.080	PASS
N77-3700-3980	30	40	CP-256QAM	L	Outer_Full	37.788	39.520	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	35.846	37.680	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	35.746	37.760	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	35.8	37.760	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Outer_Full	35.67	38.000	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	35.846	37.600	PASS
N77-3700-3980	30	40	CP-QPSK	M	Outer_Full	37.764	39.600	PASS
N77-3700-3980	30	40	CP-16QAM	M	Outer_Full	37.913	39.840	PASS
N77-3700-3980	30	40	CP-64QAM	M	Outer_Full	37.788	39.840	PASS
N77-3700-3980	30	40	CP-256QAM	M	Outer_Full	37.696	40.080	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Outer_Full	35.733	37.200	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Outer_Full	35.835	37.360	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Outer_Full	35.671	37.520	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Outer_Full	35.678	37.280	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Outer_Full	35.712	37.600	PASS
N77-3700-3980	30	40	CP-QPSK	H	Outer_Full	37.864	39.440	PASS
N77-3700-3980	30	40	CP-16QAM	H	Outer_Full	37.831	39.520	PASS
N77-3700-3980	30	40	CP-64QAM	H	Outer_Full	37.769	39.680	PASS



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

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

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

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

Report No.: SEWM2208000155RG02

Rev.: 01

Page: 34 of 161

N77-3700-3980	30	40	CP-256QAM	H	Outer_Full	37.909	39.600	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Outer_Full	45.732	47.700	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Outer_Full	45.739	47.400	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Outer_Full	45.728	47.400	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Outer_Full	45.778	47.400	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Outer_Full	45.818	48.200	PASS
N77-3700-3980	30	50	CP-QPSK	L	Outer_Full	47.487	49.700	PASS
N77-3700-3980	30	50	CP-16QAM	L	Outer_Full	47.348	49.200	PASS
N77-3700-3980	30	50	CP-64QAM	L	Outer_Full	47.388	50.000	PASS
N77-3700-3980	30	50	CP-256QAM	L	Outer_Full	47.415	49.400	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	45.748	47.400	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	45.705	47.900	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	45.718	47.400	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	45.615	47.600	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	45.652	47.500	PASS
N77-3700-3980	30	50	CP-QPSK	M	Outer_Full	47.481	49.800	PASS
N77-3700-3980	30	50	CP-16QAM	M	Outer_Full	47.449	49.800	PASS
N77-3700-3980	30	50	CP-64QAM	M	Outer_Full	47.443	49.600	PASS
N77-3700-3980	30	50	CP-256QAM	M	Outer_Full	47.302	49.200	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Outer_Full	45.816	47.800	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Outer_Full	45.721	47.600	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Outer_Full	45.656	47.400	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Outer_Full	45.765	47.500	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Outer_Full	45.674	47.900	PASS
N77-3700-3980	30	50	CP-QPSK	H	Outer_Full	47.416	49.600	PASS
N77-3700-3980	30	50	CP-16QAM	H	Outer_Full	47.4	49.700	PASS
N77-3700-3980	30	50	CP-64QAM	H	Outer_Full	47.432	49.300	PASS
N77-3700-3980	30	50	CP-256QAM	H	Outer_Full	47.317	49.400	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Outer_Full	57.909	60.000	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Outer_Full	57.814	60.000	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Outer_Full	57.702	59.760	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Outer_Full	57.708	60.000	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Outer_Full	57.789	60.240	PASS
N77-3700-3980	30	60	CP-QPSK	L	Outer_Full	57.804	60.000	PASS
N77-3700-3980	30	60	CP-16QAM	L	Outer_Full	57.824	60.120	PASS
N77-3700-3980	30	60	CP-64QAM	L	Outer_Full	57.71	60.120	PASS
N77-3700-3980	30	60	CP-256QAM	L	Outer_Full	57.766	59.880	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	58.016	60.000	PASS



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

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

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

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

Report No.: SEWM2208000155RG02

Rev.: 01

Page: 35 of 161

N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	57.816	60.000	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	58.029	59.880	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	57.914	59.880	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	57.905	59.760	PASS
N77-3700-3980	30	60	CP-QPSK	M	Outer_Full	57.781	59.640	PASS
N77-3700-3980	30	60	CP-16QAM	M	Outer_Full	57.685	59.640	PASS
N77-3700-3980	30	60	CP-64QAM	M	Outer_Full	57.8	59.760	PASS
N77-3700-3980	30	60	CP-256QAM	M	Outer_Full	57.646	59.760	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Outer_Full	57.782	59.880	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Outer_Full	57.971	59.760	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Outer_Full	57.878	59.760	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Outer_Full	57.768	60.240	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Outer_Full	58.021	60.000	PASS
N77-3700-3980	30	60	CP-QPSK	H	Outer_Full	57.821	60.120	PASS
N77-3700-3980	30	60	CP-16QAM	H	Outer_Full	57.612	60.240	PASS
N77-3700-3980	30	60	CP-64QAM	H	Outer_Full	57.563	59.520	PASS
N77-3700-3980	30	60	CP-256QAM	H	Outer_Full	57.791	60.120	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Outer_Full	64.131	66.220	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Outer_Full	64.236	66.500	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Outer_Full	64.19	66.220	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Outer_Full	64.243	66.220	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Outer_Full	64.215	66.220	PASS
N77-3700-3980	30	70	CP-QPSK	L	Outer_Full	67.514	69.720	PASS
N77-3700-3980	30	70	CP-16QAM	L	Outer_Full	67.461	69.580	PASS
N77-3700-3980	30	70	CP-64QAM	L	Outer_Full	67.384	69.860	PASS
N77-3700-3980	30	70	CP-256QAM	L	Outer_Full	67.439	69.440	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	64.16	66.360	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Outer_Full	64.357	66.640	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Outer_Full	64.263	66.360	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Outer_Full	64.199	66.780	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Outer_Full	64.123	67.060	PASS
N77-3700-3980	30	70	CP-QPSK	M	Outer_Full	67.532	69.720	PASS
N77-3700-3980	30	70	CP-16QAM	M	Outer_Full	67.256	69.860	PASS
N77-3700-3980	30	70	CP-64QAM	M	Outer_Full	67.342	69.580	PASS
N77-3700-3980	30	70	CP-256QAM	M	Outer_Full	67.242	69.440	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Outer_Full	64.264	66.220	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Outer_Full	64.381	66.360	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Outer_Full	64.356	66.780	PASS



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

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

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

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

Report No.: SEWM2208000155RG02

Rev.: 01

Page: 36 of 161

N77-3700-3980	30	70	DFT-64QAM	H	Outer_Full	64.308	66.500	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Outer_Full	64.417	66.500	PASS
N77-3700-3980	30	70	CP-QPSK	H	Outer_Full	67.44	69.440	PASS
N77-3700-3980	30	70	CP-16QAM	H	Outer_Full	67.36	70.000	PASS
N77-3700-3980	30	70	CP-64QAM	H	Outer_Full	67.244	69.440	PASS
N77-3700-3980	30	70	CP-256QAM	H	Outer_Full	67.475	69.580	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Outer_Full	76.989	80.160	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Outer_Full	77.301	80.160	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Outer_Full	77.415	80.160	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Outer_Full	77.074	80.160	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Outer_Full	76.872	80.000	PASS
N77-3700-3980	30	80	CP-QPSK	L	Outer_Full	77.42	80.640	PASS
N77-3700-3980	30	80	CP-16QAM	L	Outer_Full	77.405	80.480	PASS
N77-3700-3980	30	80	CP-64QAM	L	Outer_Full	77.203	81.120	PASS
N77-3700-3980	30	80	CP-256QAM	L	Outer_Full	77.303	80.640	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	77.022	80.480	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Outer_Full	76.991	80.480	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	77.203	80.320	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	76.987	80.320	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	77.056	80.320	PASS
N77-3700-3980	30	80	CP-QPSK	M	Outer_Full	77.378	80.480	PASS
N77-3700-3980	30	80	CP-16QAM	M	Outer_Full	77.623	80.640	PASS
N77-3700-3980	30	80	CP-64QAM	M	Outer_Full	77.449	80.640	PASS
N77-3700-3980	30	80	CP-256QAM	M	Outer_Full	77.432	80.480	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Outer_Full	77.167	80.160	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Outer_Full	77.077	80.320	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Outer_Full	77.095	80.320	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Outer_Full	77.163	80.320	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Outer_Full	76.952	80.320	PASS
N77-3700-3980	30	80	CP-QPSK	H	Outer_Full	77.313	80.640	PASS
N77-3700-3980	30	80	CP-16QAM	H	Outer_Full	77.544	80.480	PASS
N77-3700-3980	30	80	CP-64QAM	H	Outer_Full	77.453	80.800	PASS
N77-3700-3980	30	80	CP-256QAM	H	Outer_Full	77.385	80.640	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Outer_Full	86.513	90.000	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Outer_Full	86.69	90.000	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Outer_Full	86.766	90.360	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Outer_Full	86.646	90.000	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Outer_Full	86.608	90.000	PASS



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

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

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

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

Report No.: SEWM2208000155RG02

Rev.: 01

Page: 37 of 161

N77-3700-3980	30	90	CP-QPSK	L	Outer_Full	87.234	90.900	PASS
N77-3700-3980	30	90	CP-16QAM	L	Outer_Full	87.407	90.720	PASS
N77-3700-3980	30	90	CP-64QAM	L	Outer_Full	87.337	90.540	PASS
N77-3700-3980	30	90	CP-256QAM	L	Outer_Full	87.244	90.720	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	86.658	89.820	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	86.813	90.360	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	86.614	90.000	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Outer_Full	86.701	90.180	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Outer_Full	86.503	90.360	PASS
N77-3700-3980	30	90	CP-QPSK	M	Outer_Full	87.559	90.540	PASS
N77-3700-3980	30	90	CP-16QAM	M	Outer_Full	87.397	90.720	PASS
N77-3700-3980	30	90	CP-64QAM	M	Outer_Full	87.287	90.720	PASS
N77-3700-3980	30	90	CP-256QAM	M	Outer_Full	87.356	90.720	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Outer_Full	86.634	90.000	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Outer_Full	86.637	90.000	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Outer_Full	86.733	90.000	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Outer_Full	86.847	90.000	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Outer_Full	86.749	90.180	PASS
N77-3700-3980	30	90	CP-QPSK	H	Outer_Full	87.489	90.720	PASS
N77-3700-3980	30	90	CP-16QAM	H	Outer_Full	87.159	90.720	PASS
N77-3700-3980	30	90	CP-64QAM	H	Outer_Full	87.377	90.720	PASS
N77-3700-3980	30	90	CP-256QAM	H	Outer_Full	87.253	90.720	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	96.416	99.800	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Outer_Full	96.311	99.800	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Outer_Full	96.41	100.000	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Outer_Full	96.317	100.000	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	96.593	100.000	PASS
N77-3700-3980	30	100	CP-QPSK	L	Outer_Full	97.335	100.600	PASS
N77-3700-3980	30	100	CP-16QAM	L	Outer_Full	97.555	100.800	PASS
N77-3700-3980	30	100	CP-64QAM	L	Outer_Full	97.307	100.800	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	97.312	100.800	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	96.349	99.800	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	96.557	100.000	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	96.163	100.000	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	96.444	100.000	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	96.404	99.600	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	97.365	100.800	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	97.343	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



Report No.: SEWM2208000155RG02

Rev.: 01

Page: 38 of 161

N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	97.364	101.000	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	97.31	101.000	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	96.301	99.800	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	96.356	99.800	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	96.412	99.800	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	96.425	100.000	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	96.451	99.800	PASS
N77-3700-3980	30	100	CP-QPSK	H	Outer_Full	97.33	100.800	PASS
N77-3700-3980	30	100	CP-16QAM	H	Outer_Full	97.219	101.000	PASS
N77-3700-3980	30	100	CP-64QAM	H	Outer_Full	97.155	100.800	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	97.223	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

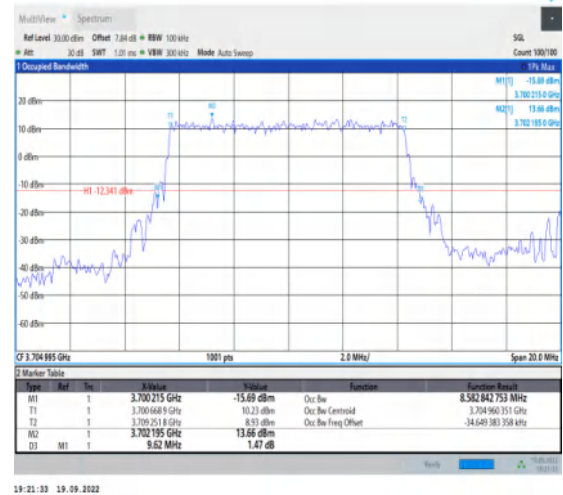
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2208000155RG02
Rev.: 01
Page: 39 of 161

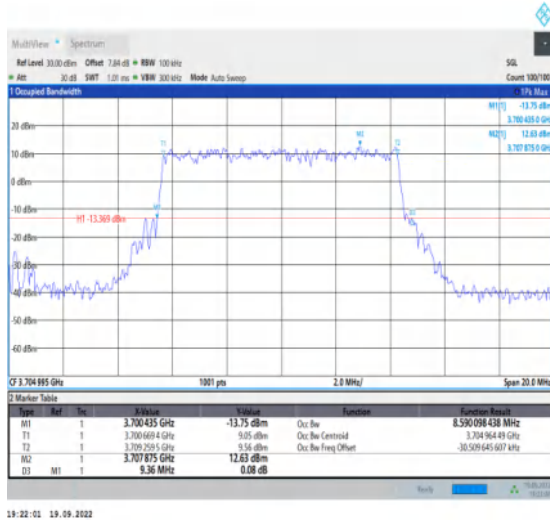
Test Graphs



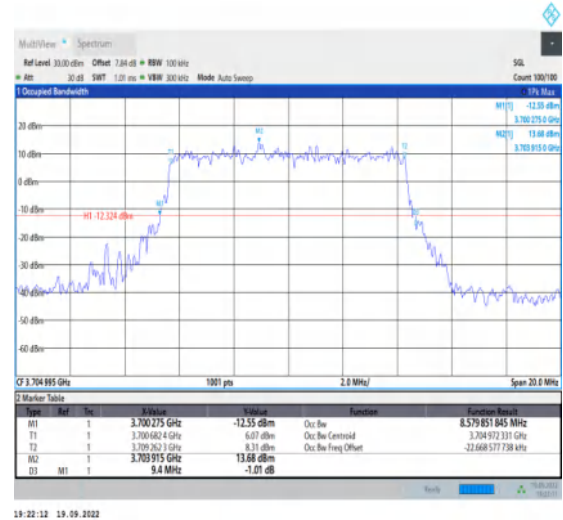
1-N77-3700-3980--30-10-L-1-DFT-QPSK-Outer_Full
-24@0-Ant1-8.571-9.220≤10-PASS



1-N77-3700-3980--30-10-L-2-DFT-PI2BPSK-Outer_Full
-24@0-Ant1-8.583-9.620≤10-PASS



1-N77-3700-3980--30-10-L-3-DFT-16QAM-Outer_Full
I-24@0-Ant1-8.59-9.360≤10-PASS



1-N77-3700-3980--30-10-L-4-DFT-64QAM-Outer_Full
I-24@0-Ant1-8.58-9.400≤10-PASS



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

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

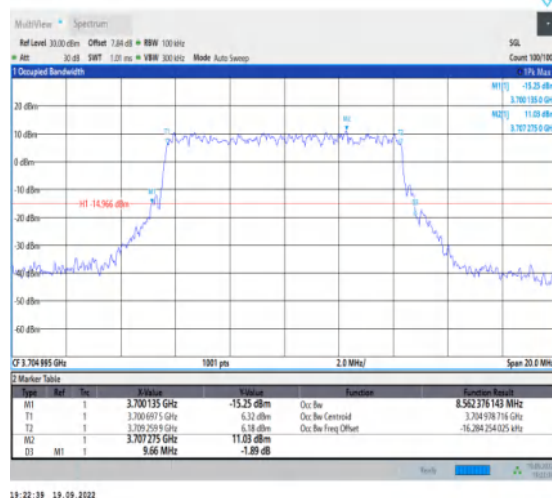
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SEWM2208000155RG02

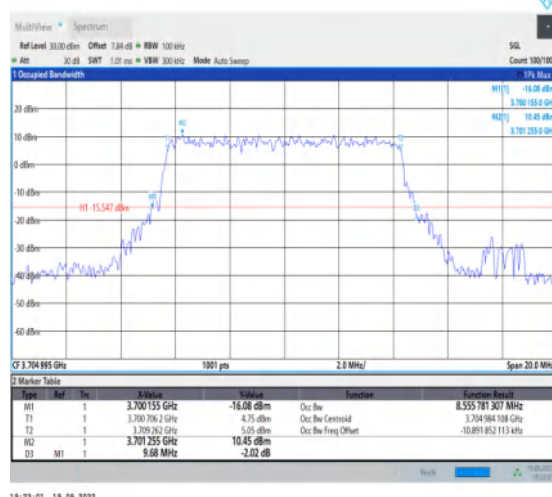
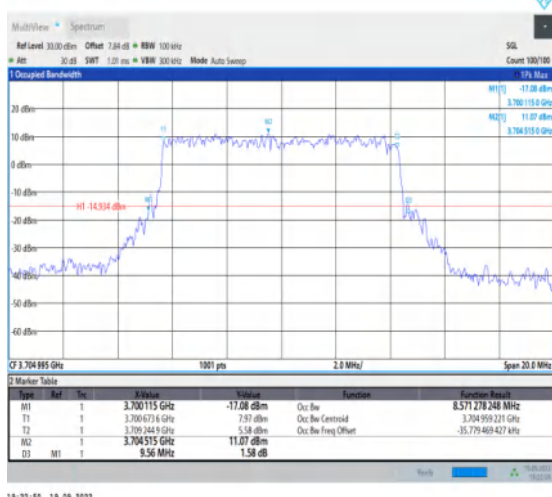
Rev.: 01

Page: 40 of 161



1-N77-3700-3980--30-10-L-5-DFT-256QAM-Outer_Full-24@0-Ant1-8.571-9.660-≤10-PASS

1-N77-3700-3980--30-10-L-6-CP-QPSK-Outer_Full-24@0-Ant1-8.562-9.660-≤10-PASS



1-N77-3700-3980--30-10-L-7-CP-16QAM-Outer_Full-24@0-Ant1-8.571-9.560-≤10-PASS

1-N77-3700-3980--30-10-L-8-CP-64QAM-Outer_Full-24@0-Ant1-8.556-9.680-≤10-PASS



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

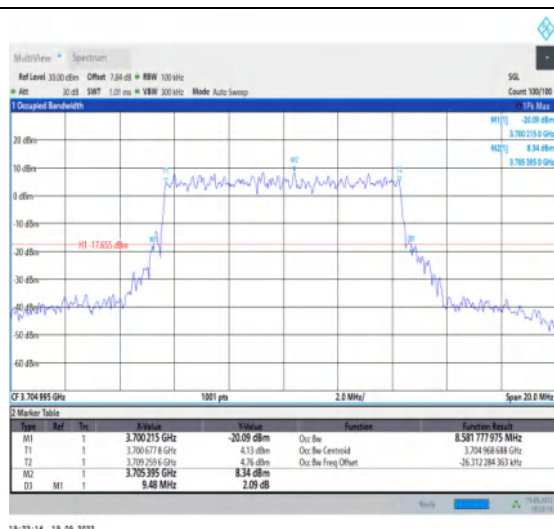
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

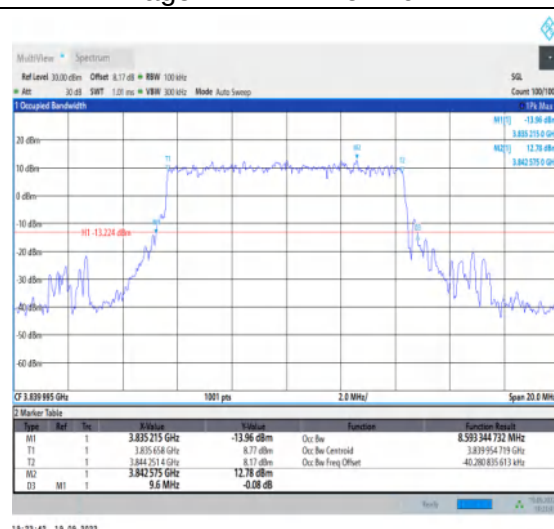
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

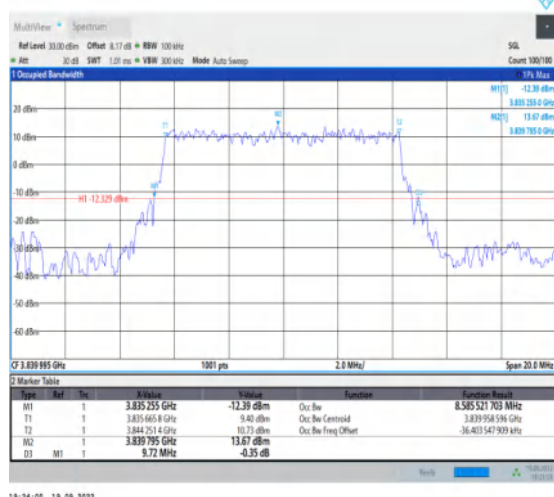
Report No.: SEWM2208000155RG02
Rev.: 01
Page: 41 of 161



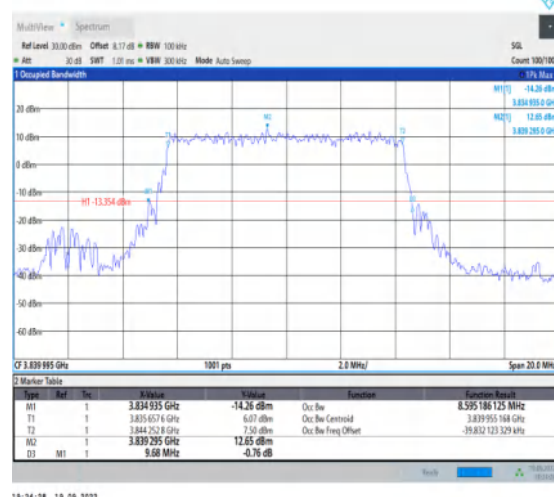
1-N77-3700-3980--30-10-L-9-CP-256QAM-Outer_Full-24@0-Ant1-8.582-9.480-≤10-PASS



1-N77-3700-3980--30-10-M-1-DFT-QPSK-Outer_Full-24@0-Ant1-8.593-9.600-≤10-PASS



1-N77-3700-3980--30-10-M-2-DFT-PI2BPSK-Outer_Full-24@0-Ant1-8.586-9.720-≤10-PASS



1-N77-3700-3980--30-10-M-3-DFT-16QAM-Outer_Full-24@0-Ant1-8.595-9.680-≤10-PASS



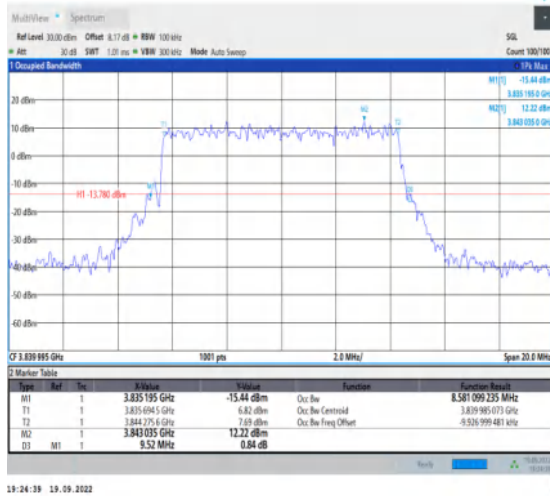
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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胜浦路1号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)



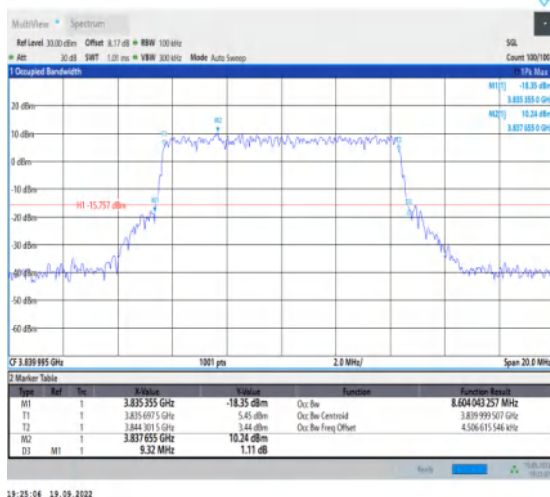
19:24:39 19-09-2022



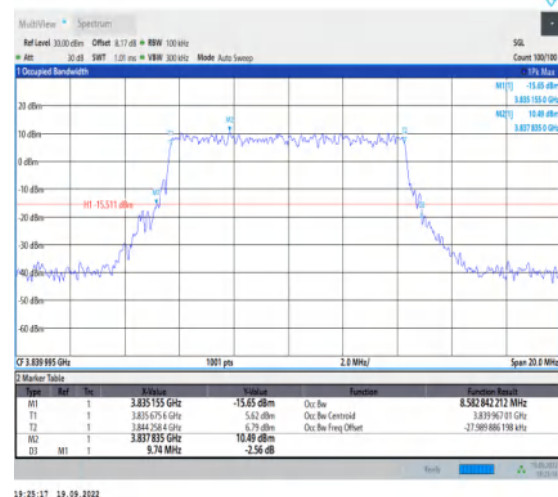
19:24:32 19-09-2022

1-N77-3700-3980--30-10-M-4-DFT-64QAM-Outer_F ull-24@0-Ant1-8.581-9.520-≤10-PASS

1-N77-3700-3980--30-10-M-5-DFT-256QAM-Outer_F ull-24@0-Ant1-8.567-9.560-≤10-PASS



19:25:06 19-09-2022



19:25:17 19-09-2022

1-N77-3700-3980--30-10-M-6-CP-QPSK-Outer_F ull-24@0-Ant1-8.604-9.320-≤10-PASS

1-N77-3700-3980--30-10-M-7-CP-16QAM-Outer_F ull-24@0-Ant1-8.583-9.740-≤10-PASS



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

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

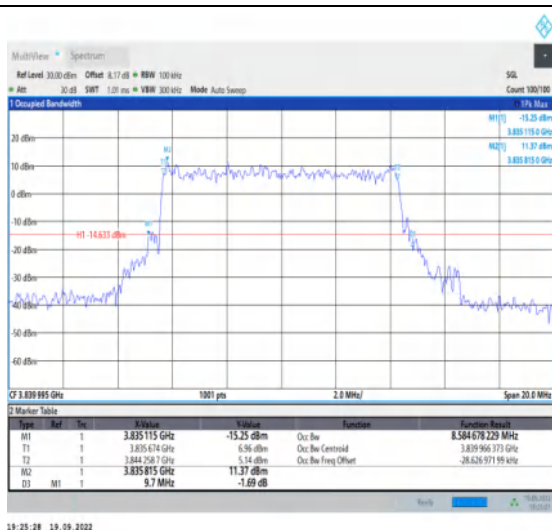
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区胜浦路1号6号厂房南座 邮编: 215000

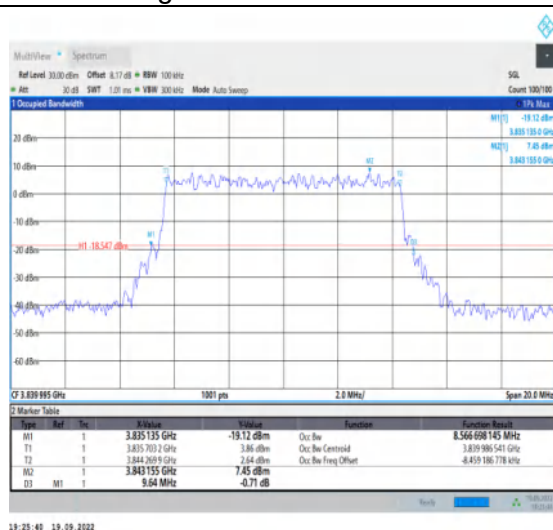
t (86-512) 62992980 www.sgs.com cn

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

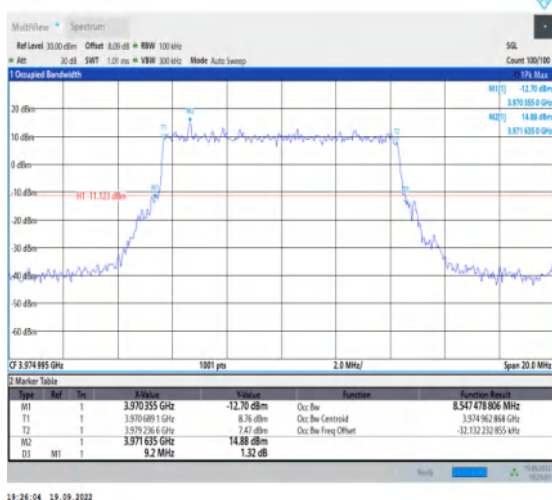
Report No.: SEWM2208000155RG02
Rev.: 01
Page: 43 of 161



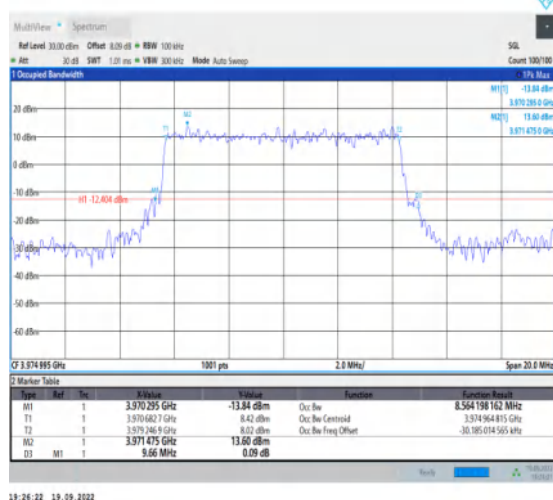
1-N77-3700-3980--30-10-M-8-CP-64QAM-Outer_Ful
I-24@0-Ant1-8.585-9.700-≤10-PASS



1-N77-3700-3980--30-10-M-9-CP-256QAM-Outer_Fu
II-24@0-Ant1-8.567-9.640-≤10-PASS



1-N77-3700-3980--30-10-H-1-DFT-QPSK-Outer_Full
-24@0-Ant1-8.547-9.200-≤10-PASS



1-N77-3700-3980--30-10-H-2-DFT-PI2BPSK-Outer_F
ull-24@0-Ant1-8.564-9.660-≤10-PASS



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

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

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

Report No.: SEWM2208000155RG02
Rev.: 01
Page: 44 of 161



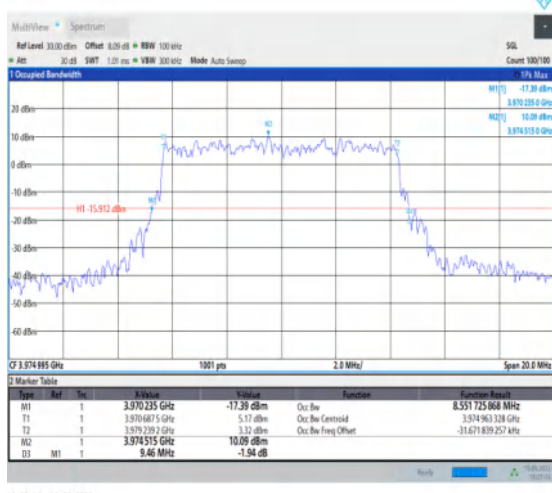
19:26:50 19-09-2022



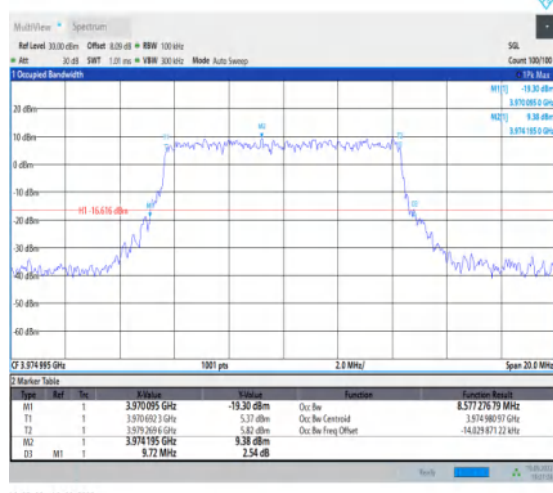
19:27:01 19-09-2022

1-N77-3700-3980--30-10-H-3-DFT-16QAM-Outer_Full-24@0-Ant1-8.563-9.620-≤10-PASS

1-N77-3700-3980--30-10-H-4-DFT-64QAM-Outer_Full-24@0-Ant1-8.557-9.480-≤10-PASS



19:27:14 19-09-2022



19:27:28 19-09-2022

1-N77-3700-3980--30-10-H-5-DFT-256QAM-Outer_Full-24@0-Ant1-8.552-9.460-≤10-PASS

1-N77-3700-3980--30-10-H-6-CP-QPSK-Outer_Full-24@0-Ant1-8.577-9.720-≤10-PASS



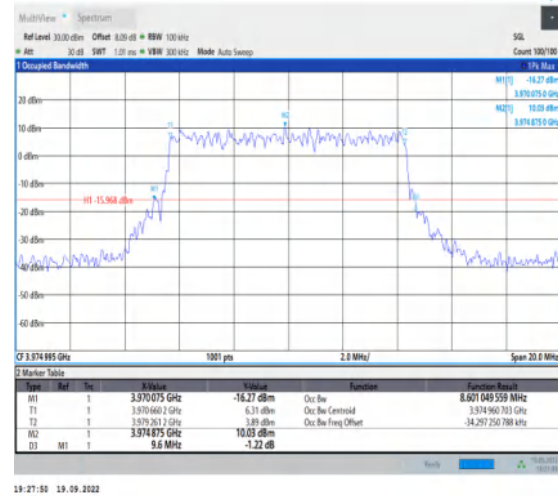
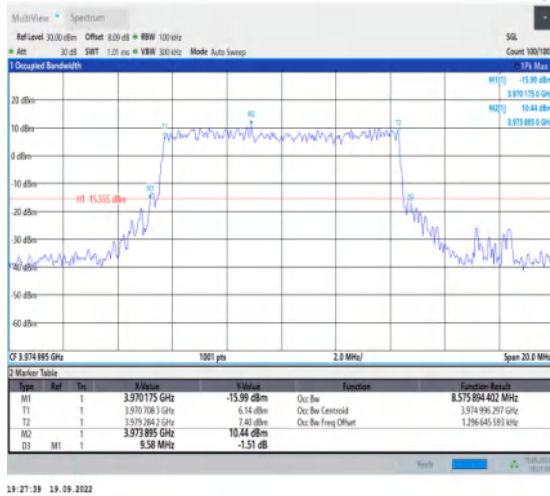
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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胜浦路1号6号厂房南座 邮编：215000

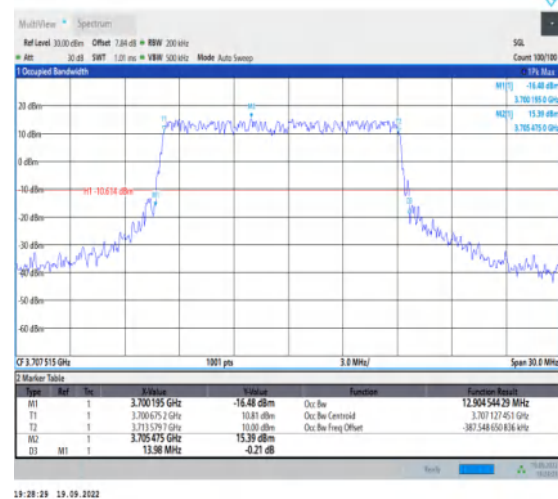
t (86-512) 62992980 www.sgs.com
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



1-N77-3700-3980--30-10-H-7-CP-16QAM-Outer_Full
I-24@0-Ant1-8.576-9.580-≤10-PASS

1-N77-3700-3980--30-10-H-8-CP-64QAM-Outer_Full
-24@0-Ant1-8.601-9.600-≤10-PASS



1-N77-3700-3980--30-10-H-9-CP-256QAM-Outer_Full
-24@0-Ant1-8.593-9.400-≤10-PASS

1-N77-3700-3980--30-15-L-1-DFT-QPSK-Outer_Full-36@0-Ant1-12.905-13.980-≤15-PASS



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

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

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

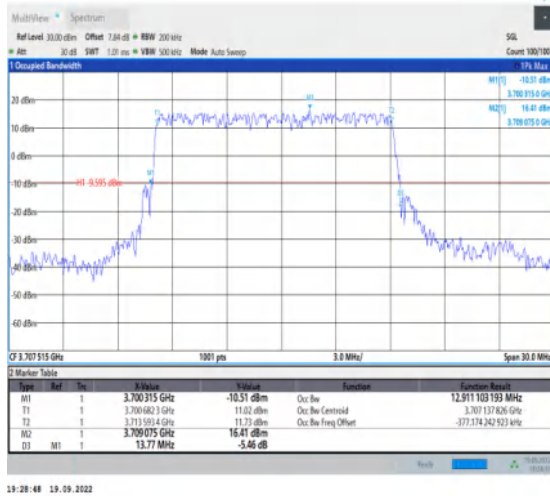
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2208000155RG02

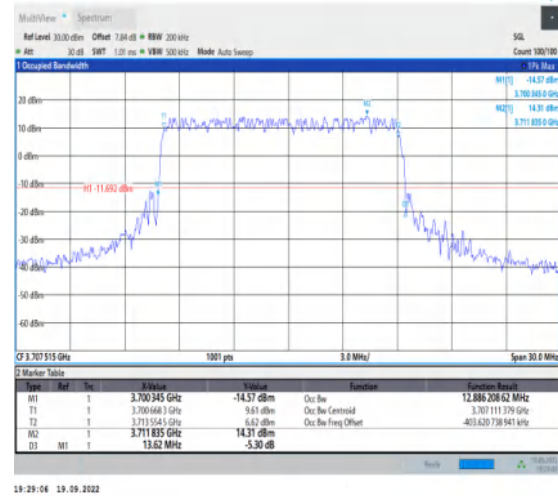
Rev.: 01

Page: 46 of 161



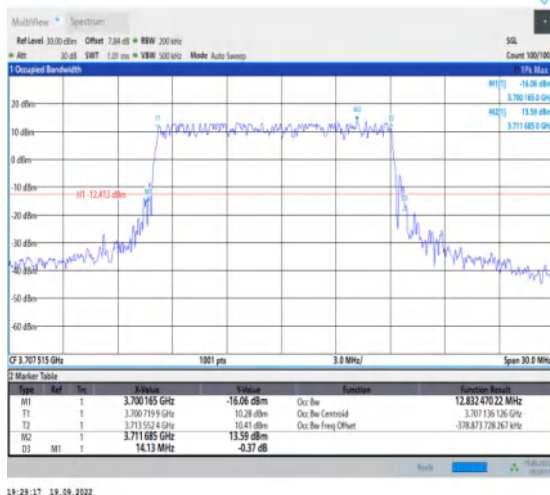
19-28-48 19-09-2022

1-N77-3700-3980--30-15-L-2-DFT-PI2BPSK-Out_ Full-36@0-Ant1-12.911-13.770-≤15-PASS



19-29-06 19-09-2022

1-N77-3700-3980--30-15-L-3-DFT-16QAM-Out_ Full-36@0-Ant1-12.886-13.620-≤15-PASS



19-29-17 19-09-2022

1-N77-3700-3980--30-15-L-4-DFT-64QAM-Out_ Full-36@0-Ant1-12.832-14.130-≤15-PASS



19-29-30 19-09-2022

1-N77-3700-3980--30-15-L-5-DFT-256QAM-Out_ Full-36@0-Ant1-12.818-13.800-≤15-PASS



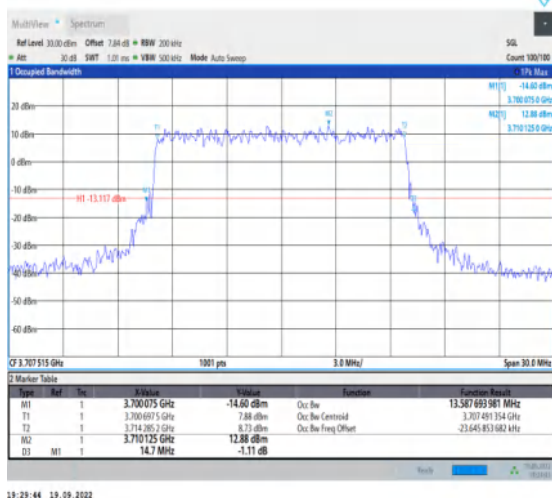
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

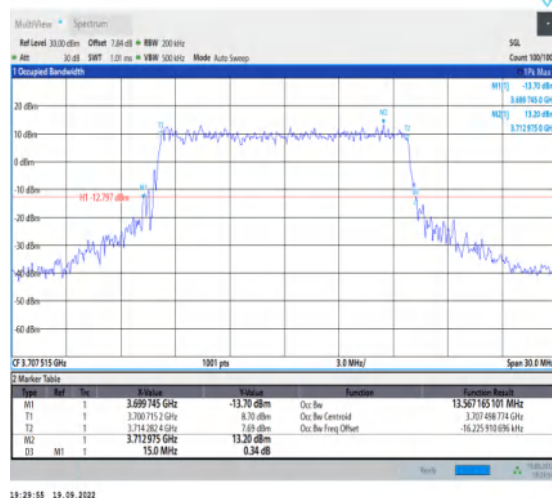
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000

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

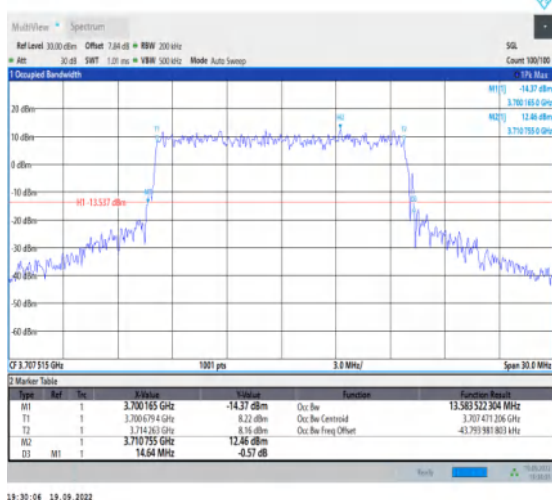
Member of the SGS Group (SGS SA)



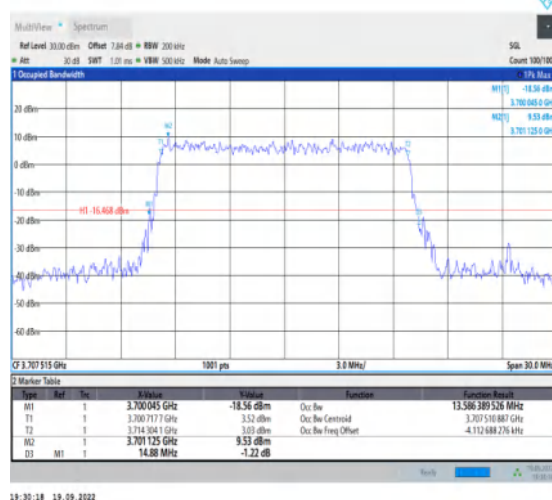
1-N77-3700-3980--30-15-L-6-CP-QPSK-Outet_Full-38@0-Ant1-13.588-14.700-≤15-PASS



1-N77-3700-3980--30-15-L-7-CP-16QAM-Outet_Full-38@0-Ant1-13.567-15.000-≤15-PASS



1-N77-3700-3980--30-15-L-8-CP-64QAM-Outet_Full-38@0-Ant1-13.584-14.640-≤15-PASS



1-N77-3700-3980--30-15-L-9-CP-256QAM-Outet_Full-38@0-Ant1-13.586-14.880-≤15-PASS



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

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

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

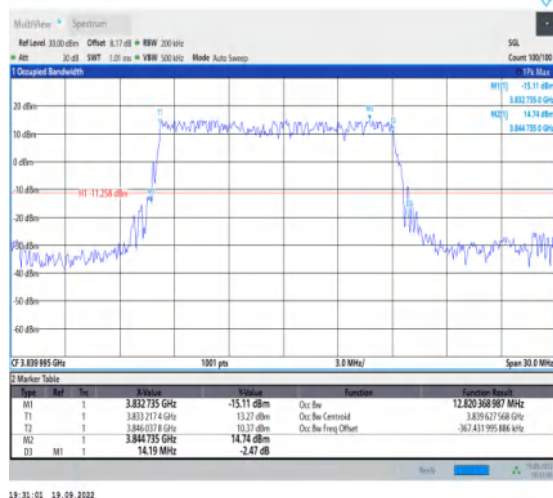
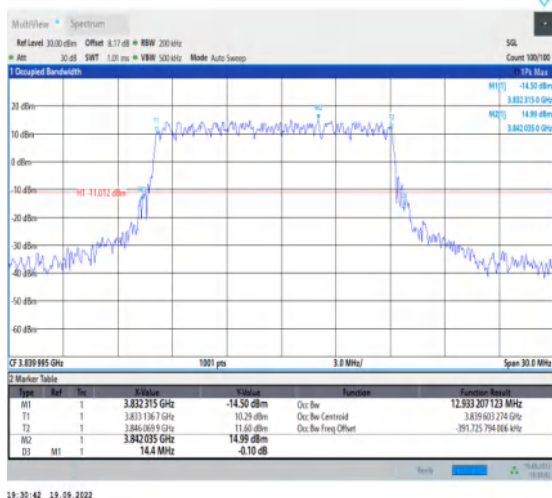
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2208000155RG02

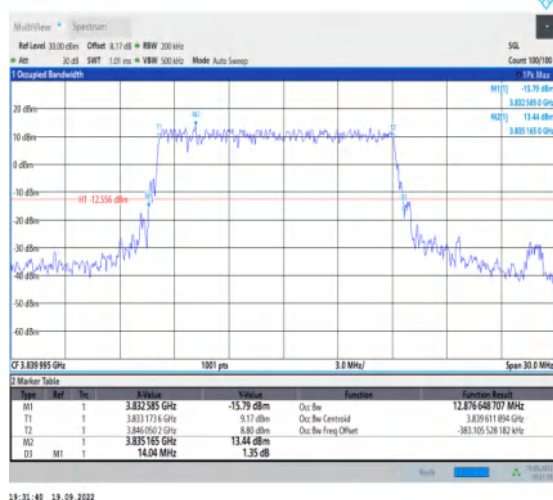
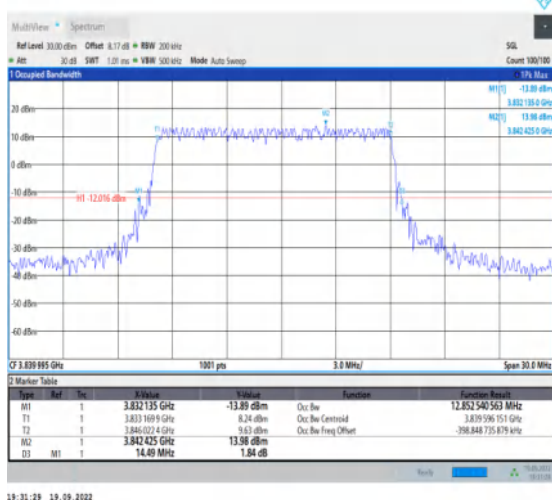
Rev.: 01

Page: 48 of 161



1-N77-3700-3980--30-15-M-1-DFT-QPSK-Outer_Ful
I-36@0-Ant1-12.933-14.400-≤15-PASS

1-N77-3700-3980--30-15-M-2-DFT-PI2BPSK-Outer_Full-36@0-Ant1-12.82-14.190-≤15-PASS



1-N77-3700-3980--30-15-M-3-DFT-16QAM-Outer_Full-36@0-Ant1-12.853-14.490-≤15-PASS

1-N77-3700-3980--30-15-M-4-DFT-64QAM-Outer_Full-36@0-Ant1-12.877-14.040-≤15-PASS



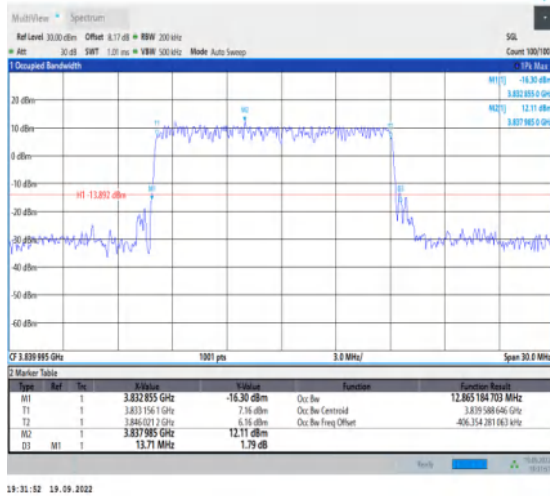
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

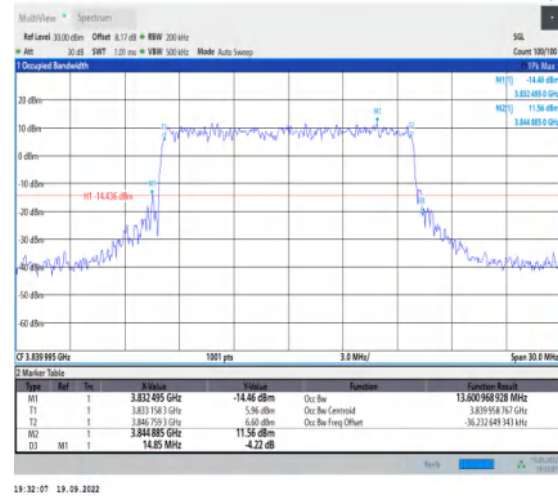
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



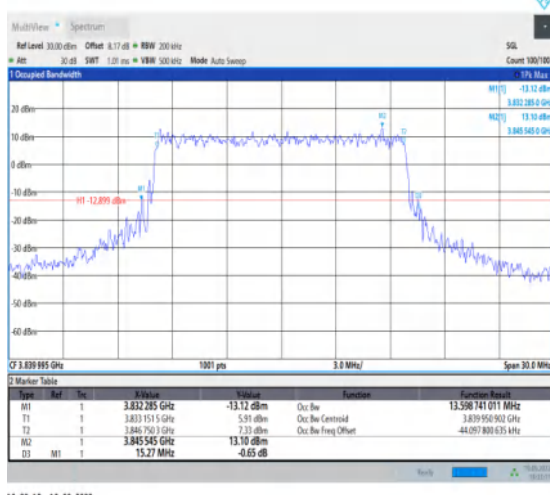
19-11-12 19-09-2022

1-N77-3700-3980--30-15-M-5-DFT-256QAM-Outer_Full-36@0-Ant1-12.865-13.710-≤15-PASS



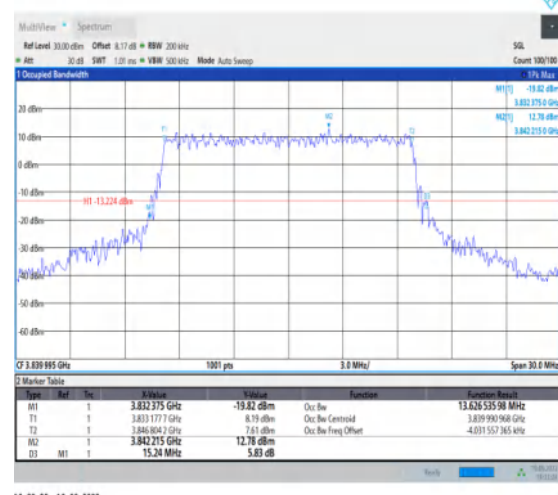
19-11-12 19-09-2022

1-N77-3700-3980--30-15-M-6-CP-QPSK-Outer_Full-38@0-Ant1-13.601-14.850-≤15-PASS



19-11-12 19-09-2022

1-N77-3700-3980--30-15-M-7-CP-16QAM-Outer_Full-38@0-Ant1-13.599-15.270-≤15-PASS



19-11-12 19-09-2022

1-N77-3700-3980--30-15-M-8-CP-64QAM-Outer_Full-38@0-Ant1-13.627-15.240-≤15-PASS



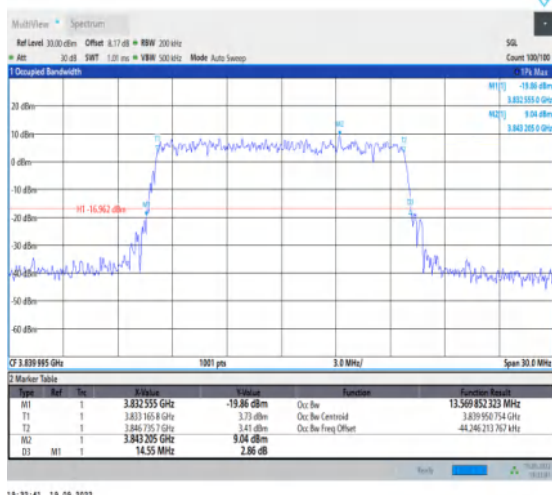
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

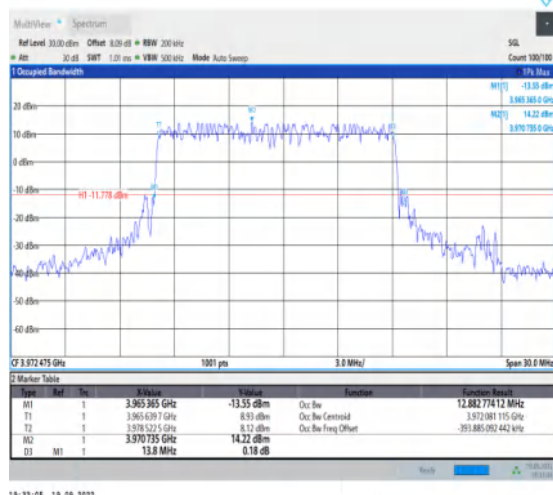
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



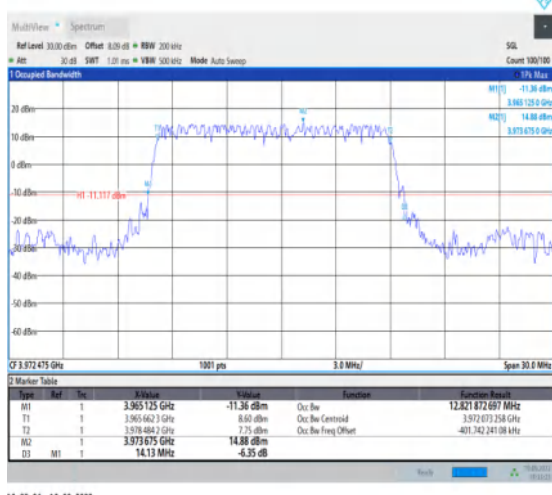
19:32:42 19-09-2022

1-N77-3700-3980--30-15-M-9-CP-256QAM-Outer_Full-38@0-Ant1-13.57-14.550-≤15-PASS



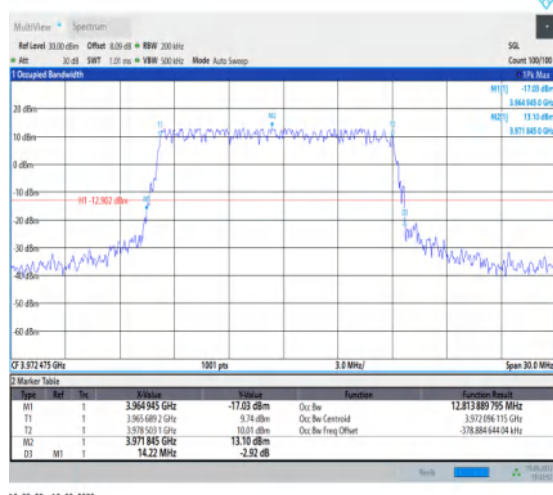
19:33:05 19-09-2022

1-N77-3700-3980--30-15-H-1-DFT-QPSK-Outer_Full-36@0-Ant1-12.883-13.800-≤15-PASS



19:33:24 19-09-2022

1-N77-3700-3980--30-15-H-2-DFT-PI2BPSK-Outer_Full-36@0-Ant1-12.822-14.130-≤15-PASS



19:33:52 19-09-2022

1-N77-3700-3980--30-15-H-3-DFT-16QAM-Outer_Full-36@0-Ant1-12.814-14.220-≤15-PASS



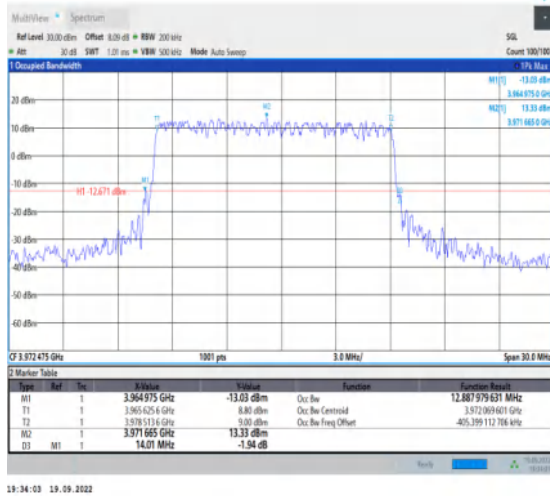
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

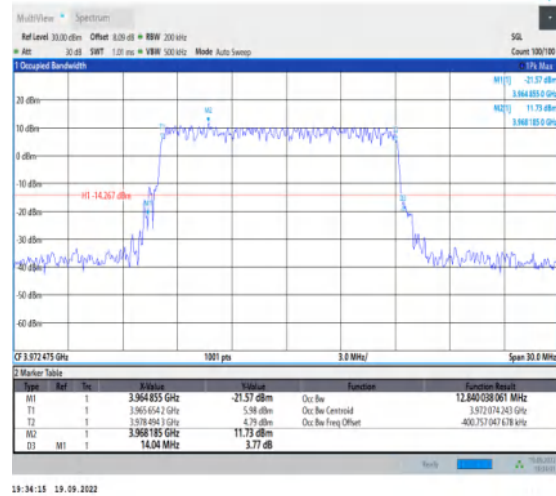
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



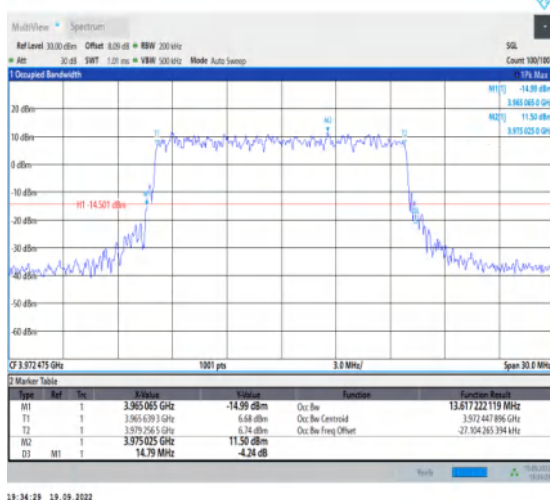
19-34-03 19-09-2022

1-N77-3700-3980--30-15-H-4-DFT-64QAM-Outer_Full-36@0-Ant1-12.888-14.010-≤15-PASS



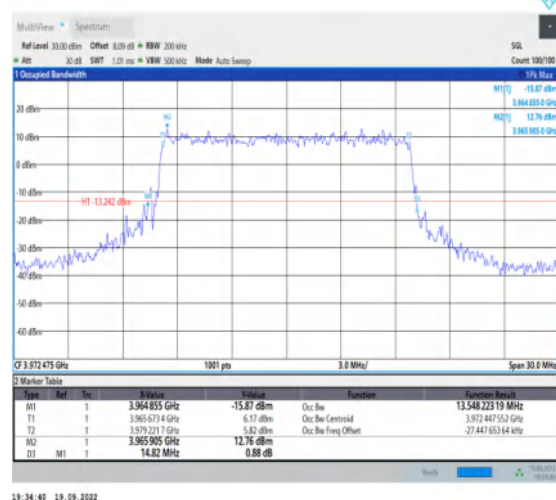
19-34-15 19-09-2022

1-N77-3700-3980--30-15-H-5-DFT-256QAM-Outer_Full-36@0-Ant1-12.84-14.040-≤15-PASS



19-34-29 19-09-2022

1-N77-3700-3980--30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant1-13.617-14.790-≤15-PASS



19-34-40 19-09-2022

1-N77-3700-3980--30-15-H-7-CP-16QAM-Outer_Full-38@0-Ant1-13.548-14.820-≤15-PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 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胜浦路1号6号厂房南座 邮编: 215000

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

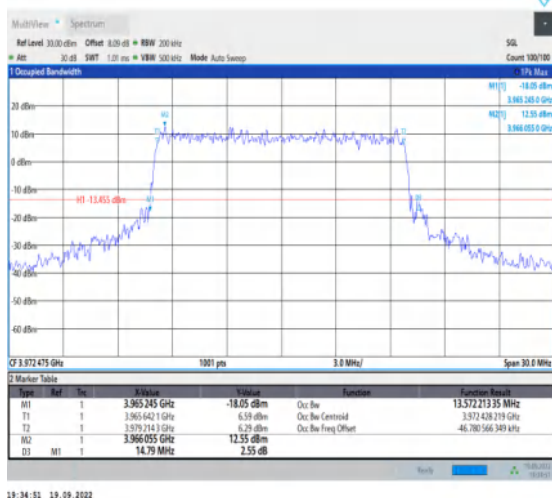
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2208000155RG02

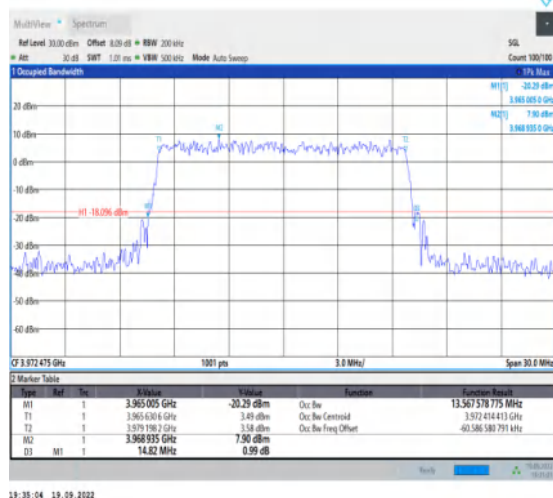
Rev.: 01

Page: 52 of 161



19:34:52 19-09-2022

1-N77-3700-3980--30-15-H-8-CP-64QAM-Outer_Ful
I-38@0-Ant1-13.572-14.790-≤15-PASS



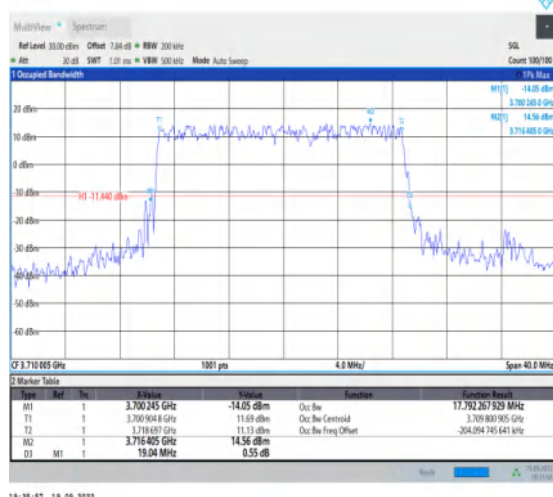
19:35:04 19-09-2022

1-N77-3700-3980--30-15-H-9-CP-256QAM-Outer_Fu
II-38@0-Ant1-13.568-14.820-≤15-PASS



19:35:38 19-09-2022

1-N77-3700-3980--30-20-L-1-DFT-QPSK-Outer_Full
-50@0-Ant1-17.793-18.840-≤20-PASS



19:35:57 19-09-2022

1-N77-3700-3980--30-20-L-2-DFT-PI2BPSK-Outer_Full
-50@0-Ant1-17.792-19.040-≤20-PASS



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

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

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

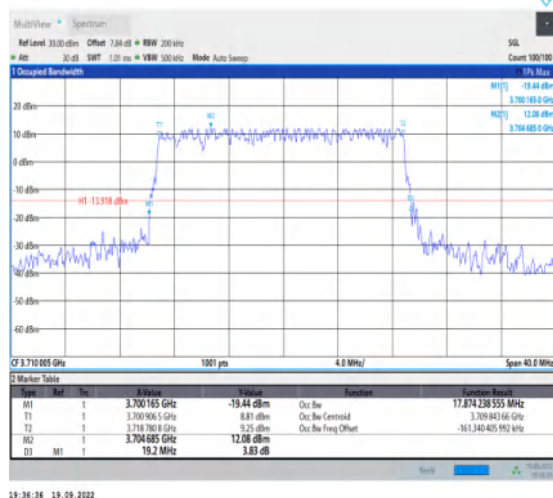
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

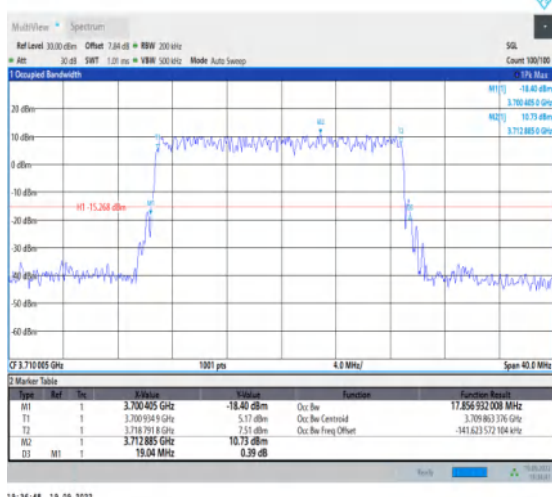
Report No.: SEWM2208000155RG02
Rev.: 01
Page: 53 of 161



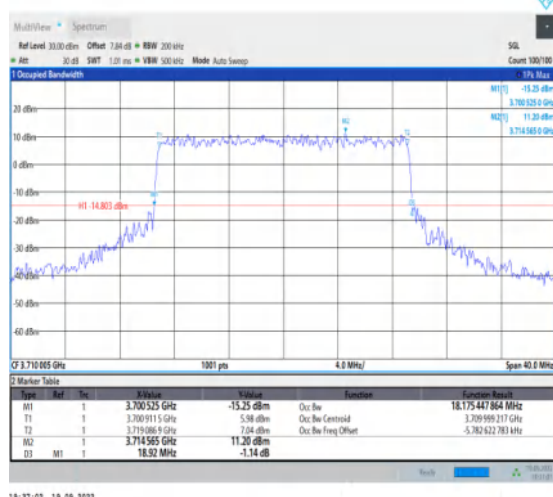
1-N77-3700-3980--30-20-L-3-DFT-16QAM-Outer_Fu
I-50@0-Ant1-17.842-18.680-≤20-PASS



1-N77-3700-3980--30-20-L-4-DFT-64QAM-Outer_Ful
I-50@0-Ant1-17.874-19.200-≤20-PASS



1-N77-3700-3980--30-20-L-5-DFT-256QAM-Outer_F
ull-50@0-Ant1-17.857-19.040-≤20-PASS



1-N77-3700-3980--30-20-L-6-CP-QPSK-Outer_Full-5
1@0-Ant1-18.175-18.920-≤20-PASS



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

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

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

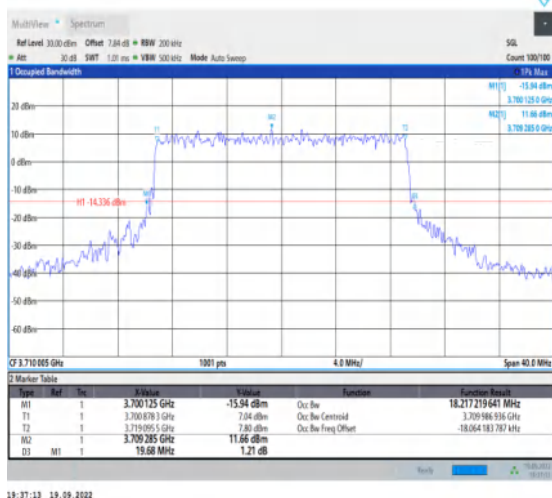
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

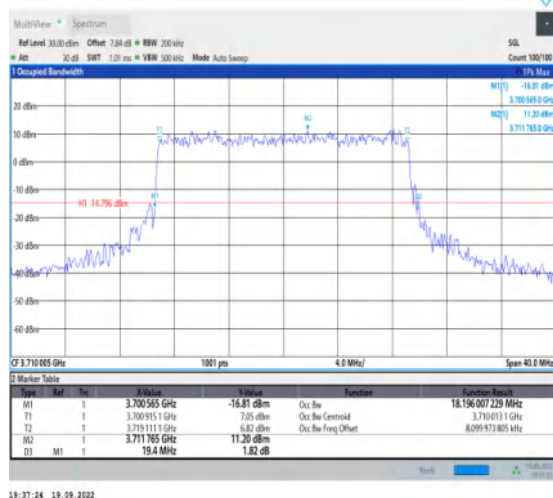
Report No.: SEWM2208000155RG02

Rev.: 01

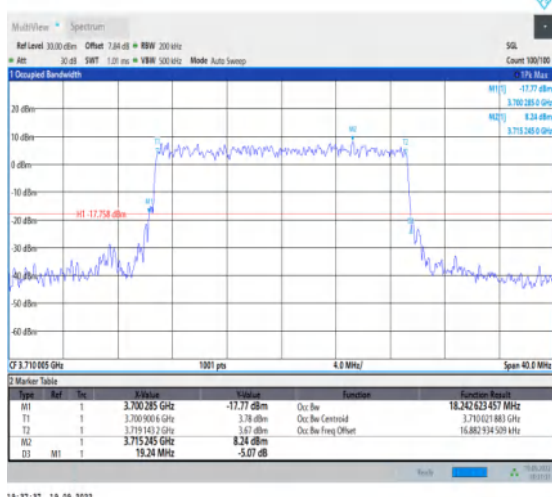
Page: 54 of 161



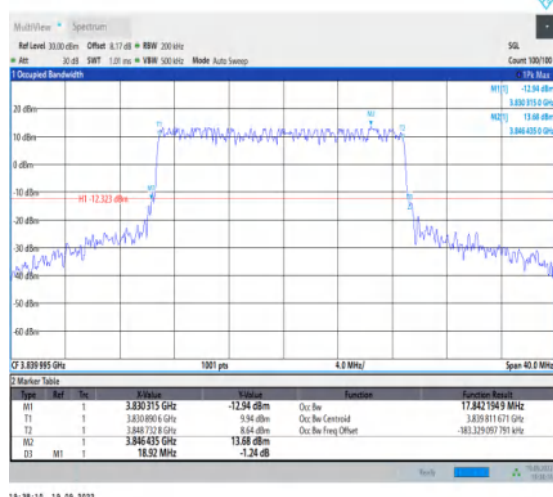
1-N77-3700-3980--30-20-L-7-CP-16QAM-Outer_Full
-51@0-Ant1-18.217-19.680-≤20-PASS



1-N77-3700-3980--30-20-L-8-CP-64QAM-Outer_Full-
51@0-Ant1-18.196-19.400-≤20-PASS



1-N77-3700-3980--30-20-L-9-CP-256QAM-Outer_Full-
ull-51@0-Ant1-18.243-19.240-≤20-PASS



1-N77-3700-3980--30-20-M-1-DFT-QPSK-Outer_Full
-50@0-Ant1-17.842-18.920-≤20-PASS



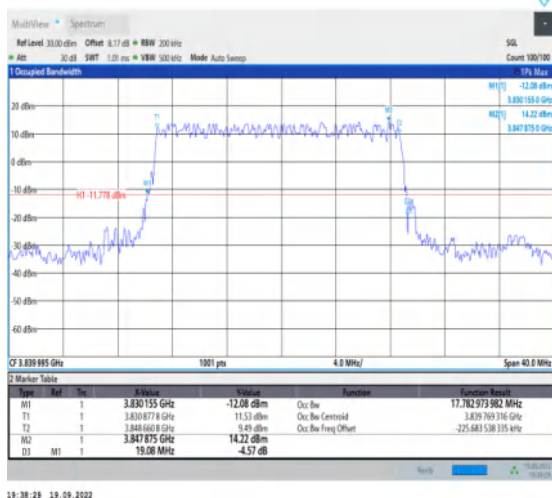
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

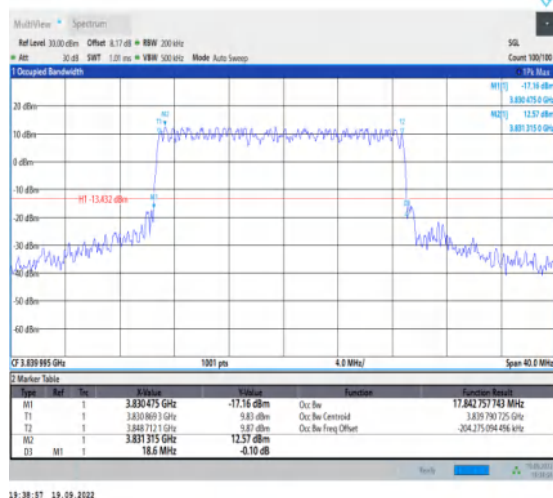
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区胜浦路1号6号厂房南座 邮编：215000

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

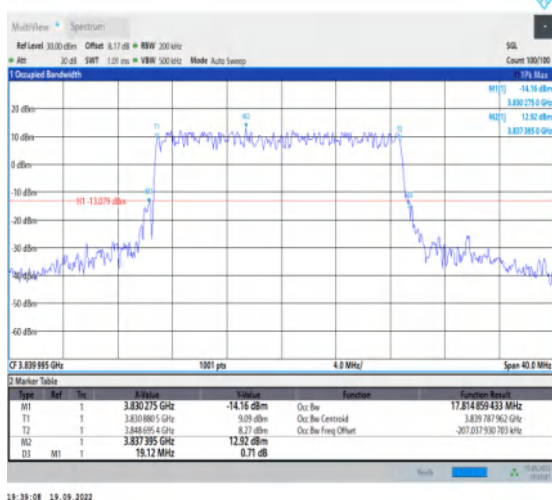
Member of the SGS Group (SGS SA)



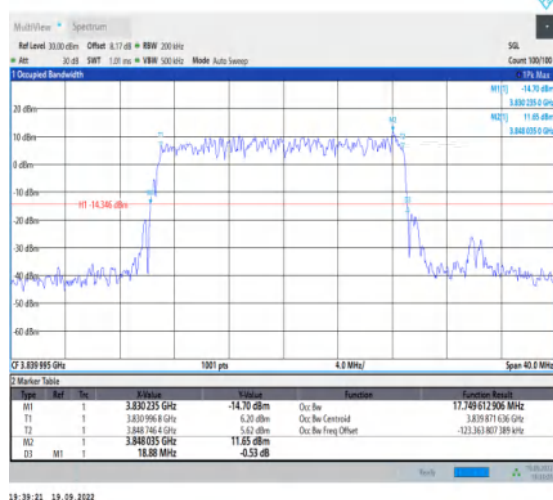
1-N77-3700-3980--30-20-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-17.783-19.080-≤20-PASS



1-N77-3700-3980--30-20-M-3-DFT-16QAM-Outer_FuII-50@0-Ant1-17.843-18.600-≤20-PASS



1-N77-3700-3980--30-20-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-17.815-19.120-≤20-PASS



1-N77-3700-3980--30-20-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-17.75-18.880-≤20-PASS

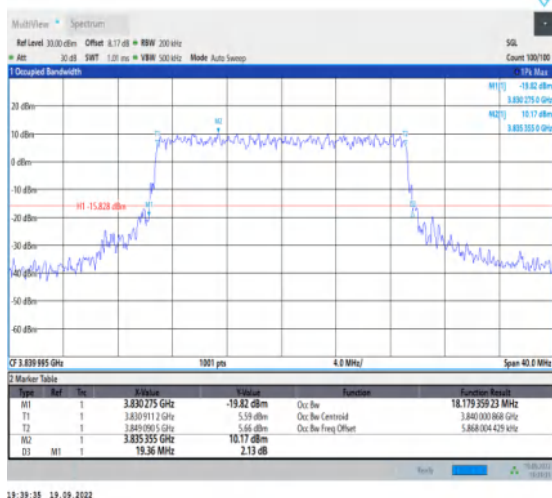


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

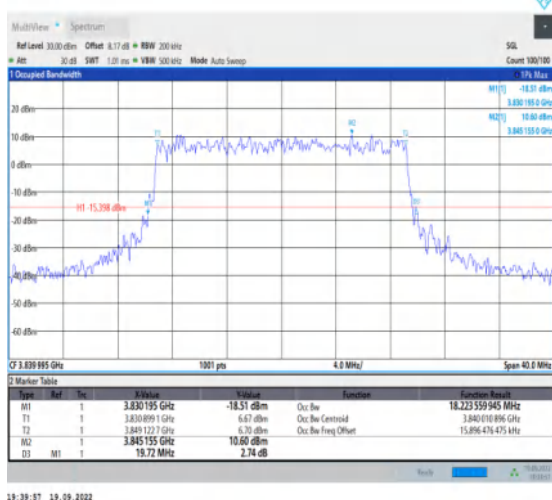
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com



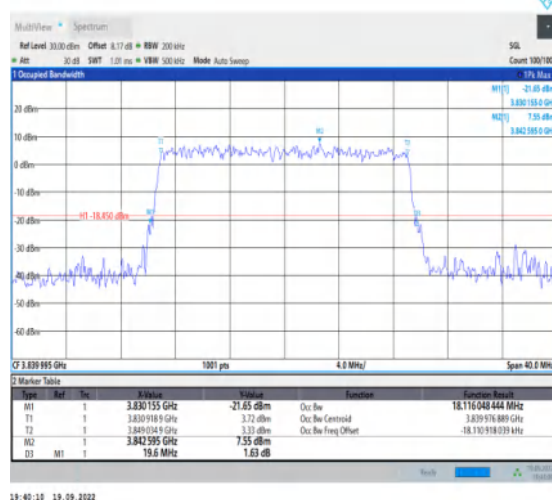
1-N77-3700-3980--30-20-M-6-CP-QPSK-Outet_Full-51@0-Ant1-18.179-19.360-≤20-PASS



1-N77-3700-3980--30-20-M-7-CP-16QAM-Outet_Full-51@0-Ant1-18.172-19.200-≤20-PASS



1-N77-3700-3980--30-20-M-8-CP-64QAM-Outet_Full-51@0-Ant1-18.224-19.720-≤20-PASS



1-N77-3700-3980--30-20-M-9-CP-256QAM-Outet_Full-51@0-Ant1-18.116-19.600-≤20-PASS



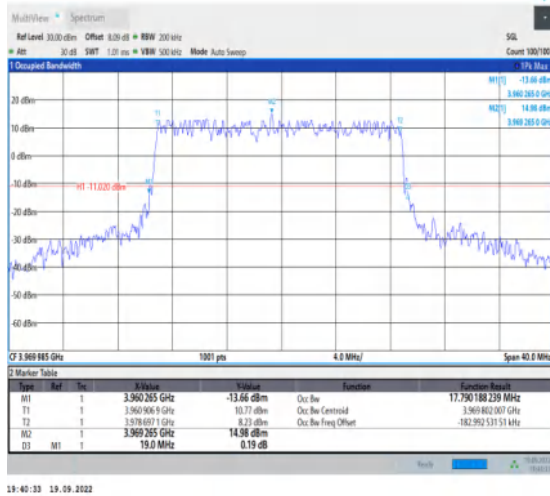
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

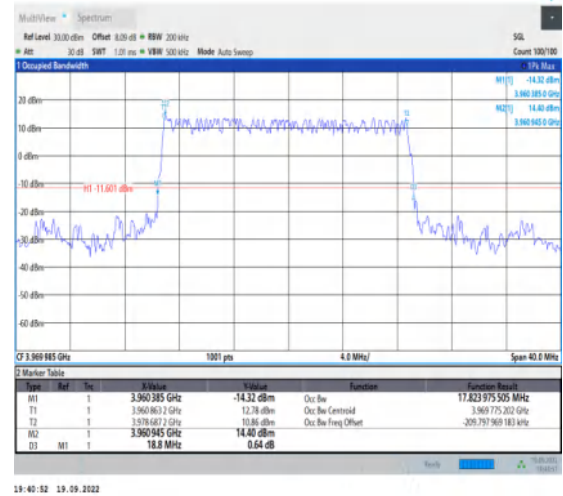
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)



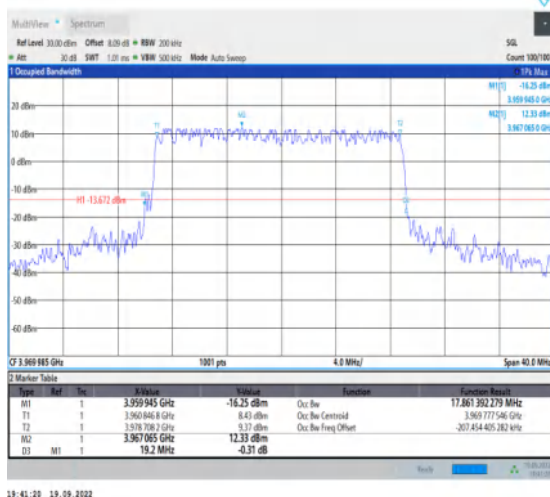
19:40:33 19-09-2022



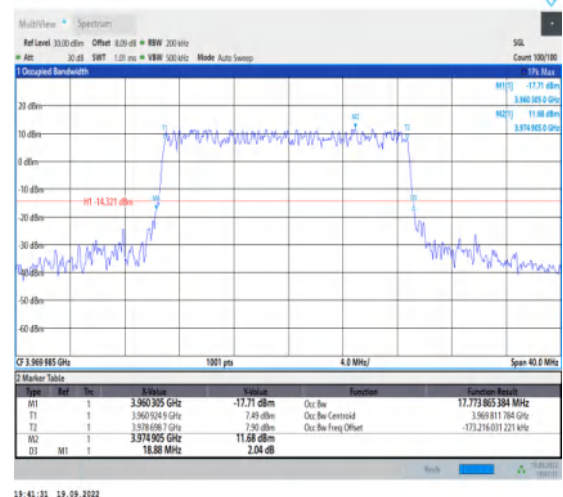
19:40:32 19-09-2022

1-N77-3700-3980--30-20-H-1-DFT-QPSK-Outer_Full
-50@0-Ant1-17.79-19.000-≤20-PASS

1-N77-3700-3980--30-20-H-2-DFT-PI2BPSK-Outer_Full
-50@0-Ant1-17.824-18.800-≤20-PASS



19:41:20 19-09-2022



19:41:31 19-09-2022

1-N77-3700-3980--30-20-H-3-DFT-16QAM-Outer_Full
-50@0-Ant1-17.861-19.200-≤20-PASS

1-N77-3700-3980--30-20-H-4-DFT-64QAM-Outer_Full
-50@0-Ant1-17.774-18.880-≤20-PASS



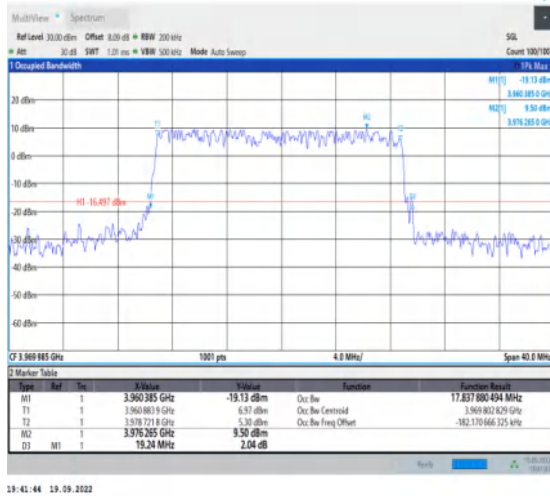
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

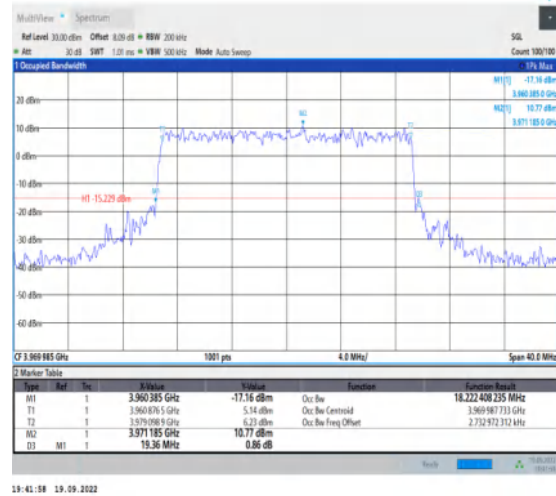
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



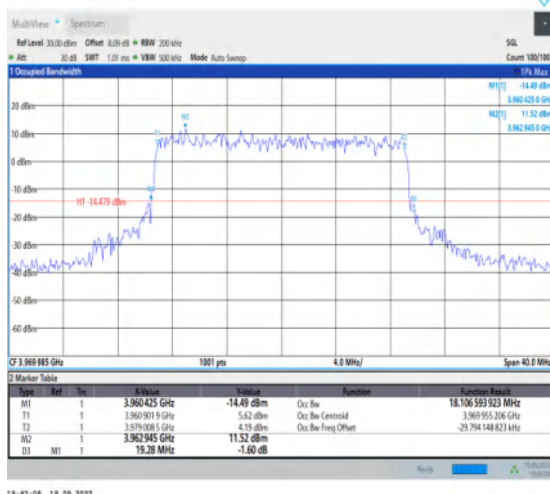
19-41:44 19-09-2022

1-N77-3700-3980--30-20-H-5-DFT-256QAM-Outer_Full-50@0-Ant1-17.838-19.240-≤20-PASS



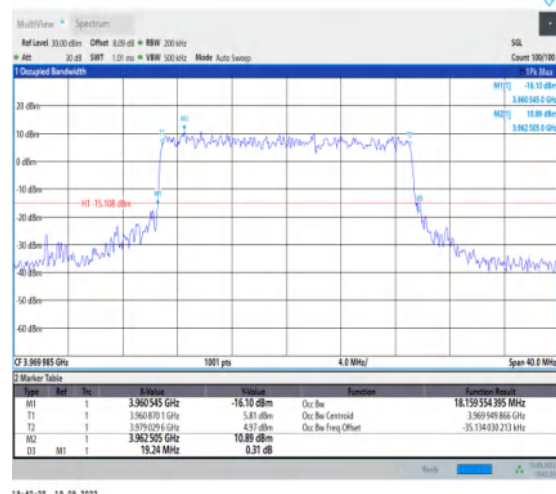
19-41:58 19-09-2022

1-N77-3700-3980--30-20-H-6-CP-QPSK-Outer_Full-51@0-Ant1-18.222-19.360-≤20-PASS



19-42:09 19-09-2022

1-N77-3700-3980--30-20-H-7-CP-16QAM-Outer_Full-51@0-Ant1-18.107-19.280-≤20-PASS



19-42:20 19-09-2022

1-N77-3700-3980--30-20-H-8-CP-64QAM-Outer_Full-51@0-Ant1-18.16-19.240-≤20-PASS



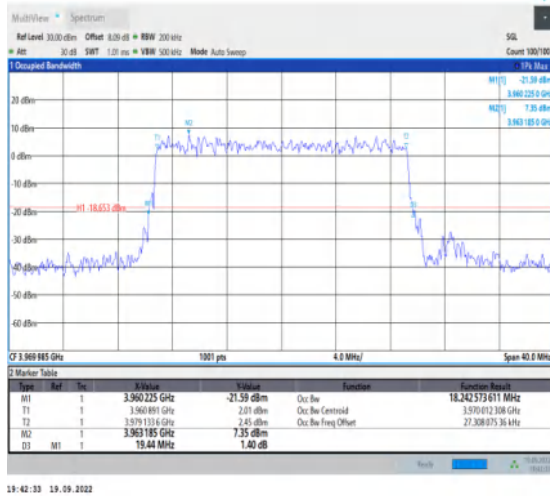
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

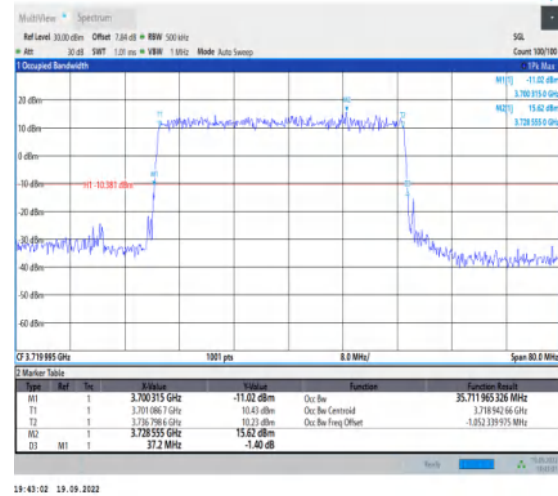
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



19:42:33 19-09-2022

1-N77-3700-3980--30-20-H-9-CP-256QAM-Outer_Full-51@0-Ant1-18.243-19.440-≤20-PASS



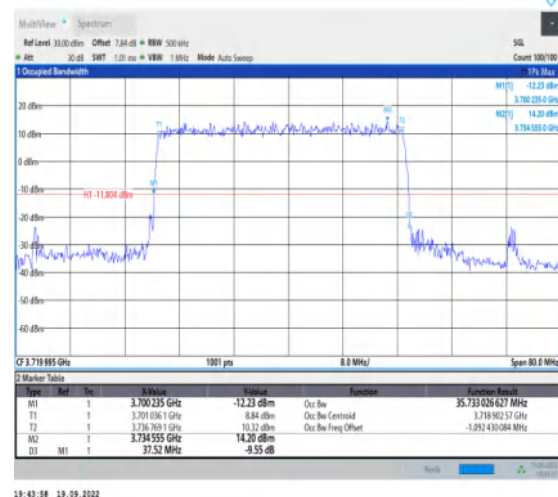
19:43:02 19-09-2022

1-N77-3700-3980--30-40-L-1-DFT-QPSK-Outer_Full-100@0-Ant1-35.712-37.200-≤40-PASS



19:43:30 19-09-2022

1-N77-3700-3980--30-40-L-2-DFT-P12BPSK-Outer_Full-100@0-Ant1-35.751-37.600-≤40-PASS



19:43:58 19-09-2022

1-N77-3700-3980--30-40-L-3-DFT-16QAM-Outer_Full-100@0-Ant1-35.733-37.520-≤40-PASS



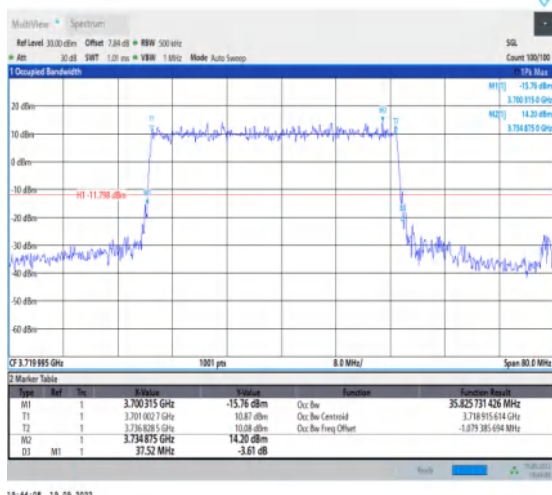
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 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胜浦路1号6号厂房南座 邮编：215000

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

Report No.: SEWM2208000155RG02
Rev.: 01
Page: 60 of 161



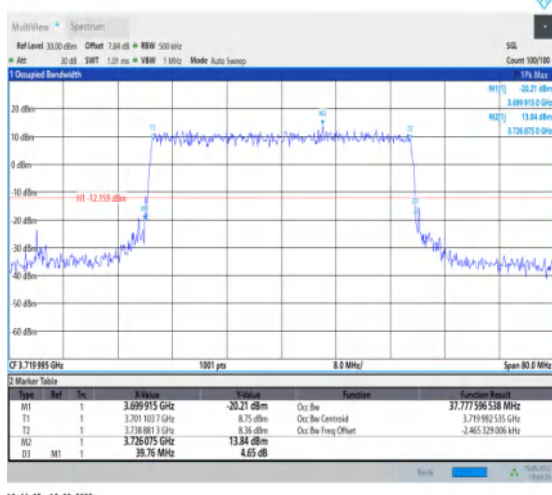
19-04-08 19-09-2022

1-N77-3700-3980--30-40-L-4-DFT-64QAM-Outer_Fu II-100@0-Ant1-35.826-37.520-≤40-PASS



19-04-21 19-09-2022

1-N77-3700-3980--30-40-L-5-DFT-256QAM-Outer_F ull-100@0-Ant1-35.852-37.520-≤40-PASS



19-04-38 19-09-2022

1-N77-3700-3980--30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant1-37.778-39.760-≤40-PASS



19-04-06 19-09-2022

1-N77-3700-3980--30-40-L-7-CP-16QAM-Outer_Full-106@0-Ant1-37.776-39.600-≤40-PASS



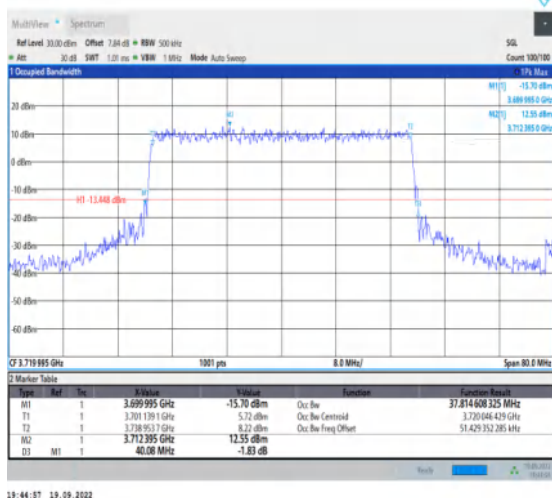
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

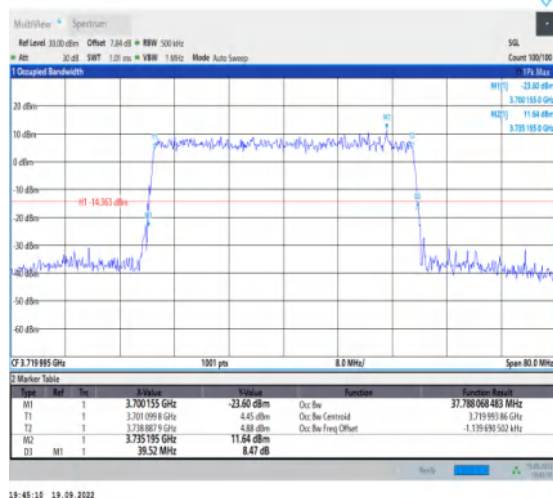
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区胜浦路1号6号厂房南座 邮编：215000
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

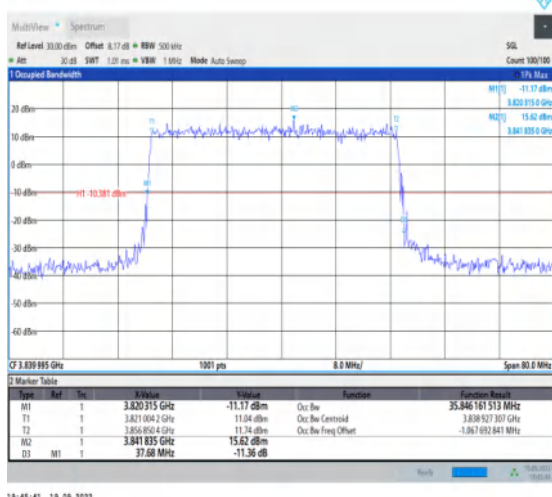
Report No.: SEWM2208000155RG02
Rev.: 01
Page: 61 of 161



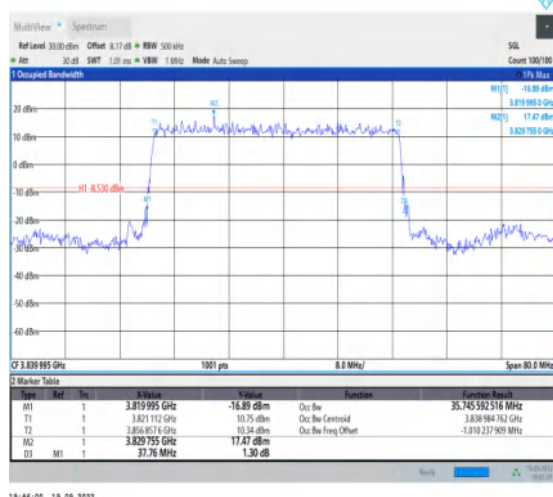
1-N77-3700-3980--30-40-L-8-CP-64QAM-Outer_Full
-106@0-Ant1-37.815-40.080-≤40-PASS



1-N77-3700-3980--30-40-L-9-CP-256QAM-Outer_Ful
I-106@0-Ant1-37.788-39.520-≤40-PASS



1-N77-3700-3980--30-40-M-1-DFT-QPSK-Outer_Ful
I-100@0-Ant1-35.846-37.680-≤40-PASS



1-N77-3700-3980--30-40-M-2-DFT-PI2BPSK-Outer_Full
Full-100@0-Ant1-35.746-37.760-≤40-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胜浦路1号6号厂房南座 邮编: 215000

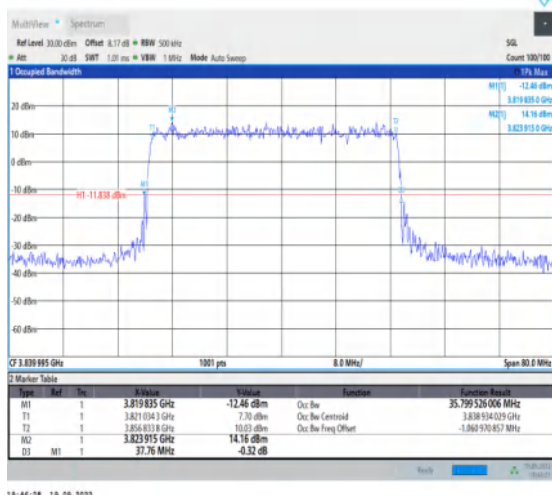
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2208000155RG02

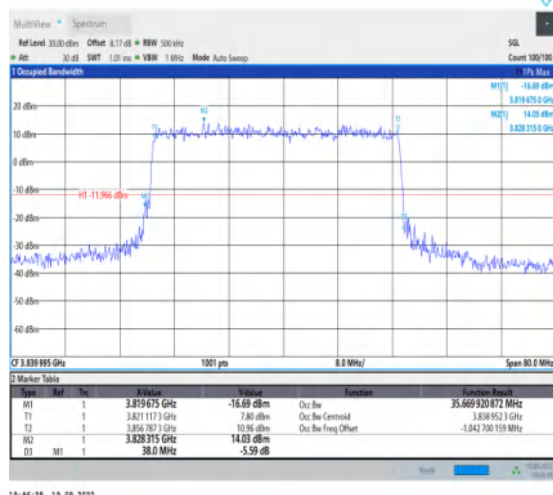
Rev.: 01

Page: 62 of 161



19:46:28 19-09-2022

1-N77-3700-3980--30-40-M-3-DFT-16QAM-Outer_Full-100@0-Ant1-35.8-37.760-≤40-PASS



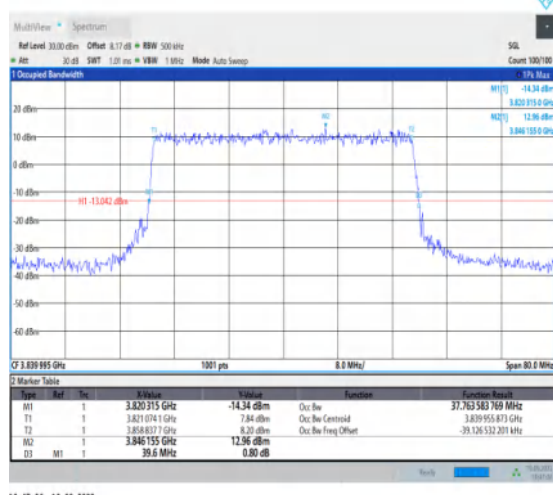
19:46:39 19-09-2022

1-N77-3700-3980--30-40-M-4-DFT-64QAM-Outer_Full-100@0-Ant1-35.67-38.000-≤40-PASS



19:46:52 19-09-2022

1-N77-3700-3980--30-40-M-5-DFT-256QAM-Outer_Full-100@0-Ant1-35.846-37.600-≤40-PASS



19:47:06 19-09-2022

1-N77-3700-3980--30-40-M-6-CP-QPSK-Outer_Full-106@0-Ant1-37.764-39.600-≤40-PASS



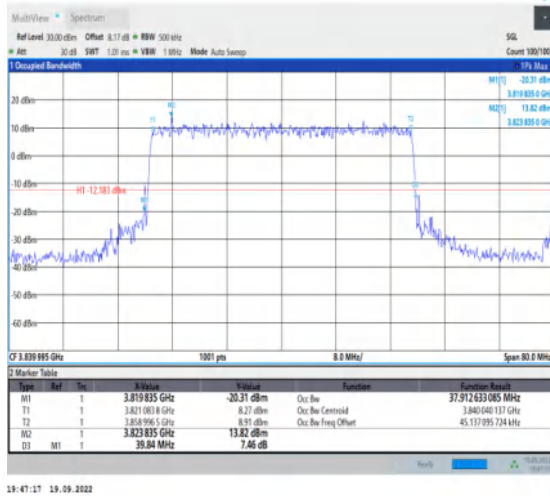
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

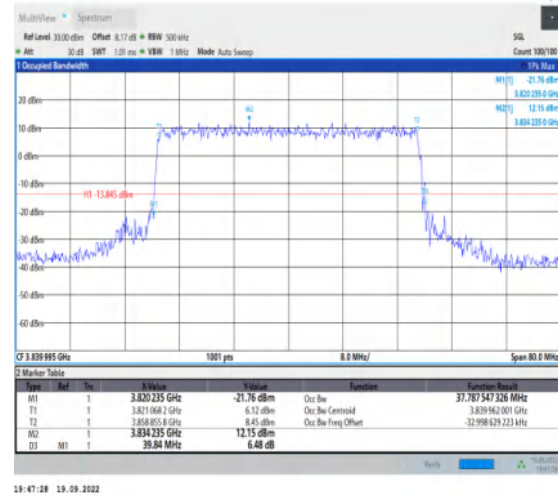
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区胜浦路1号6号厂房南座 邮编：215000

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

Member of the SGS Group (SGS SA)



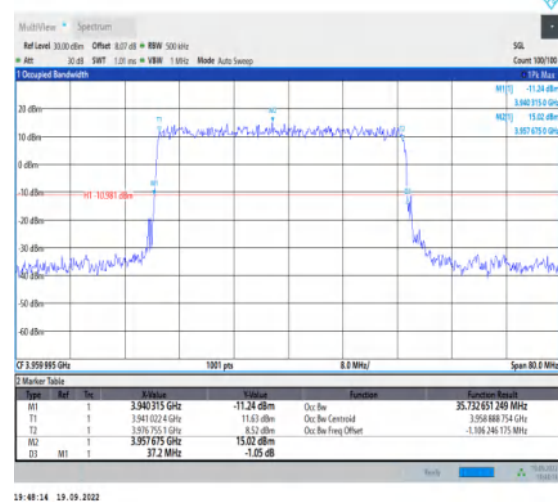
1-N77-3700-3980--30-40-M-7-CP-16QAM-Outer_Ful I-106@0-Ant1-37.913-39.840-≤40-PASS



1-N77-3700-3980--30-40-M-8-CP-64QAM-Outer_Full -106@0-Ant1-37.788-39.840-≤40-PASS

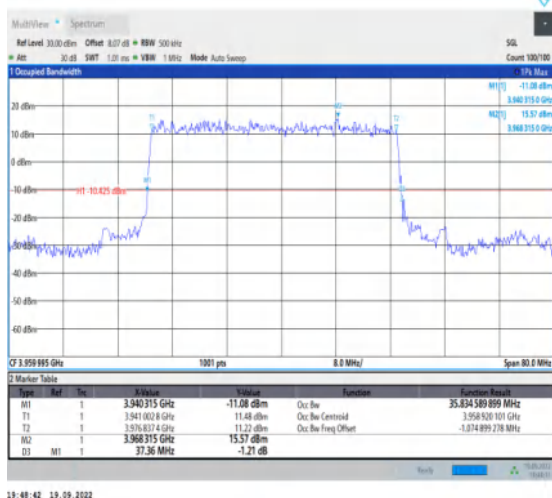


1-N77-3700-3980--30-40-M-9-CP-256QAM-Outer_Full-106@0-Ant1-37.696-40.080-≤40-PASS

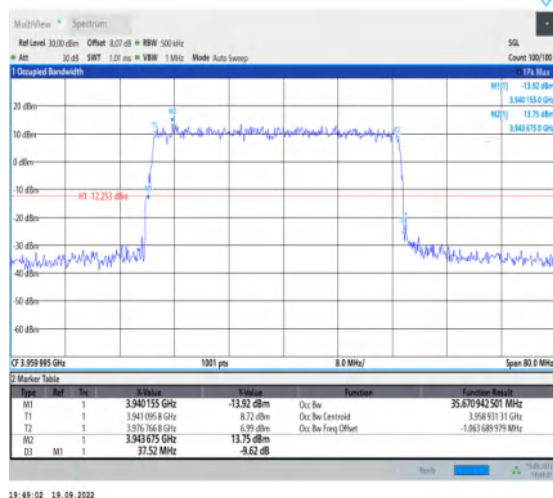


1-N77-3700-3980--30-40-H-1-DFT-QPSK-Outer_Full-100@0-Ant1-35.733-37.200-≤40-PASS





1-N77-3700-3980--30-40-H-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-35.835-37.360-≤40-PASS



1-N77-3700-3980--30-40-H-3-DFT-16QAM-Outer_Full-100@0-Ant1-35.671-37.520-≤40-PASS



1-N77-3700-3980--30-40-H-4-DFT-64QAM-Outer_Full-100@0-Ant1-35.678-37.280-≤40-PASS



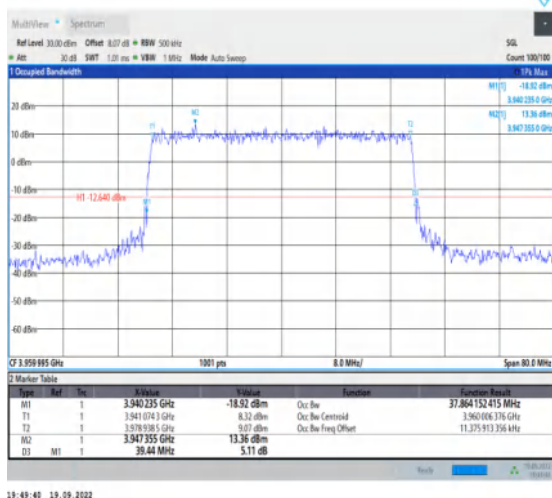
1-N77-3700-3980--30-40-H-5-DFT-256QAM-Outer_Full-100@0-Ant1-35.712-37.600-≤40-PASS



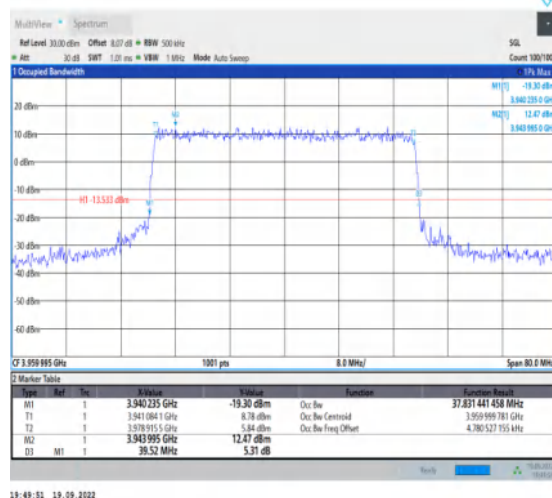
Report No.: SEWM2208000155RG02

Rev.: 01

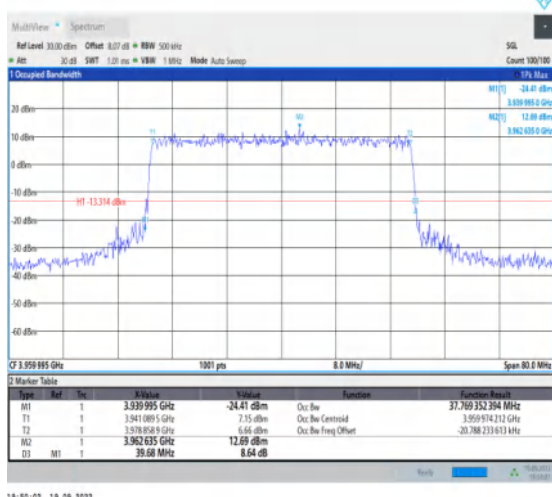
Page: 65 of 161



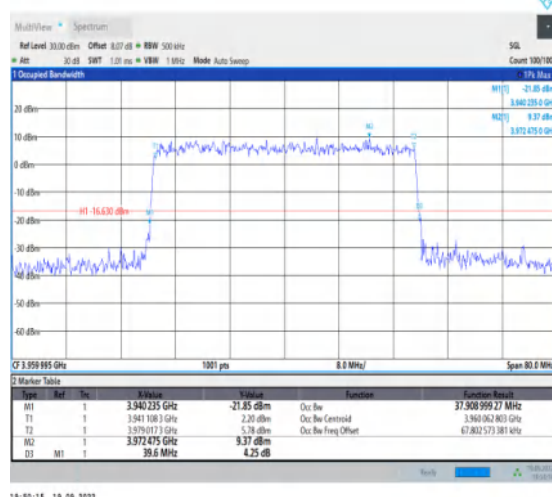
1-N77-3700-3980--30-40-H-6-CP-QPSK-Outet_Full-106@0-Ant1-37.864-39.440-≤40-PASS



1-N77-3700-3980--30-40-H-7-CP-16QAM-Outet_Full-106@0-Ant1-37.831-39.520-≤40-PASS



1-N77-3700-3980--30-40-H-8-CP-64QAM-Outet_Ful-I-106@0-Ant1-37.769-39.680-≤40-PASS



1-N77-3700-3980--30-40-H-9-CP-256QAM-Outet_Fu-II-106@0-Ant1-37.909-39.600-≤40-PASS



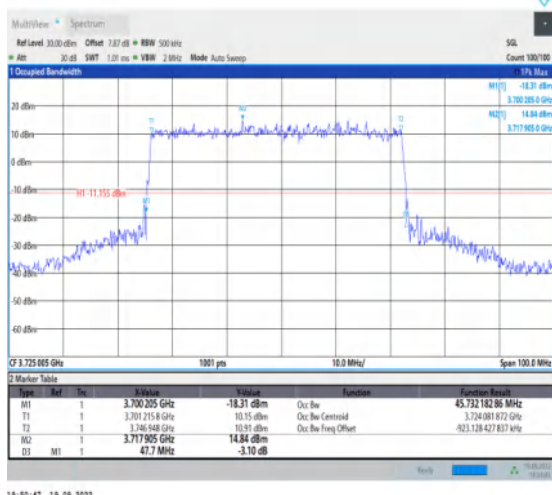
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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胜浦路1号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)



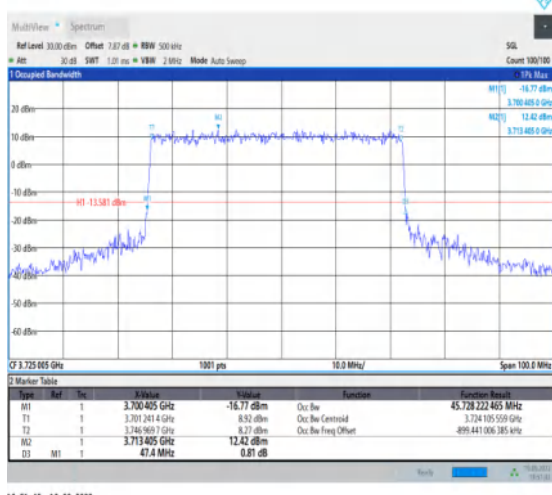
19:50:47 19-09-2022

1-N77-3700-3980--30-50-L-1-DFT-QPSK-Outer_Full
-128@0-Ant1-45.732-47.700-≤50-PASS



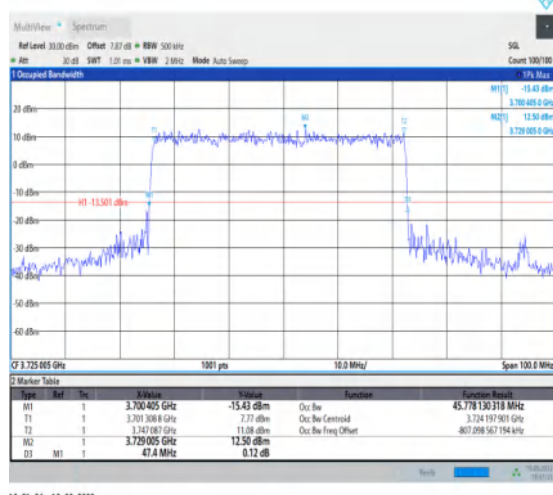
19:51:18 19-09-2022

1-N77-3700-3980--30-50-L-2-DFT-PI2BPSK-Outer_Full
-128@0-Ant1-45.739-47.400-≤50-PASS



19:51:43 19-09-2022

1-N77-3700-3980--30-50-L-3-DFT-16QAM-Outer_Full
-128@0-Ant1-45.728-47.400-≤50-PASS



19:51:54 19-09-2022

1-N77-3700-3980--30-50-L-4-DFT-64QAM-Outer_Full
-128@0-Ant1-45.778-47.400-≤50-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)

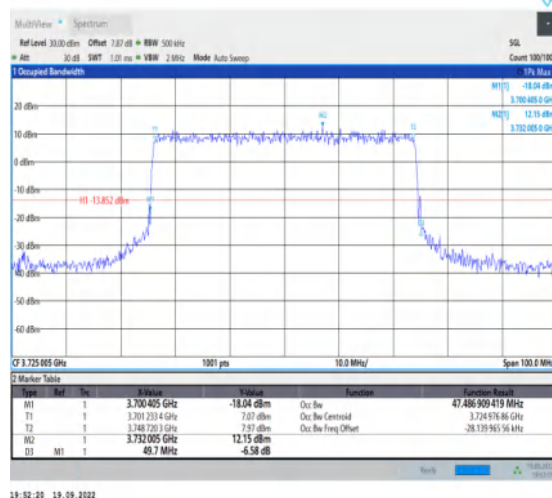
Report No.: SEWM2208000155RG02

Rev.: 01

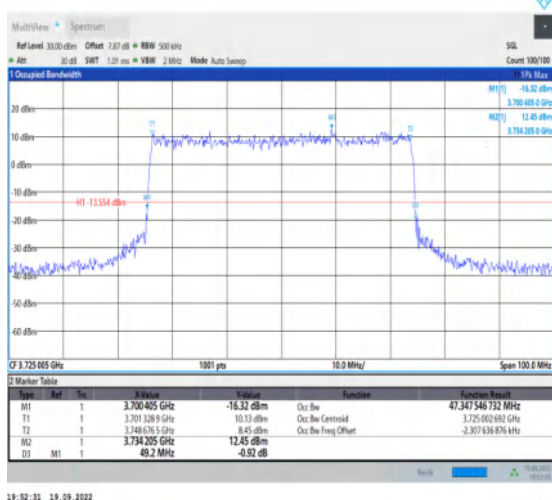
Page: 67 of 161



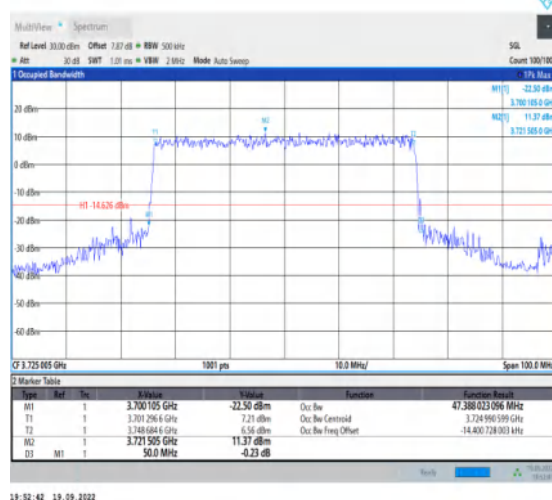
1-N77-3700-3980--30-50-L-5-DFT-256QAM-Outer_Full-128@0-Ant1-45.818-48.200-≤50-PASS



1-N77-3700-3980--30-50-L-6-CP-QPSK-Outer_Full-133@0-Ant1-47.487-49.700-≤50-PASS



1-N77-3700-3980--30-50-L-7-CP-16QAM-Outer_Full-133@0-Ant1-47.348-49.200-≤50-PASS



1-N77-3700-3980--30-50-L-8-CP-64QAM-Outer_Full-133@0-Ant1-47.388-50.000-≤50-PASS



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

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

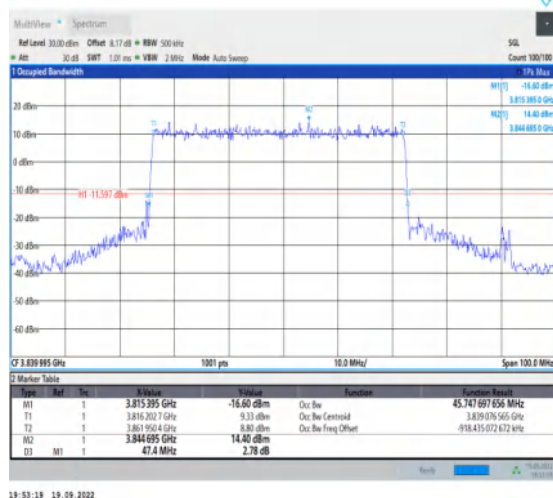
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

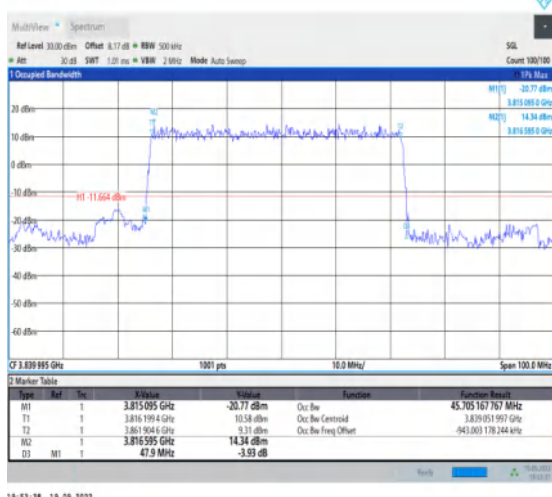
Report No.: SEWM2208000155RG02
Rev.: 01
Page: 68 of 161



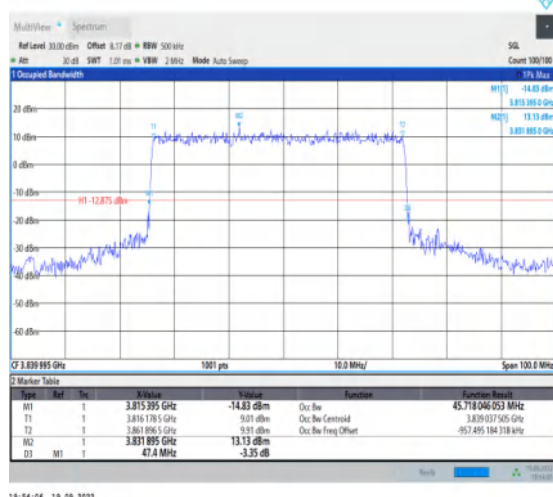
1-N77-3700-3980--30-50-L-9-CP-256QAM-Outer_Full-133@0-Ant1-47.415-49.400-≤50-PASS



1-N77-3700-3980--30-50-M-1-DFT-QPSK-Outer_Full-128@0-Ant1-45.748-47.400-≤50-PASS



1-N77-3700-3980--30-50-M-2-DFT-PI2BPSK-Outer_Full-128@0-Ant1-45.705-47.900-≤50-PASS



1-N77-3700-3980--30-50-M-3-DFT-16QAM-Outer_Full-128@0-Ant1-45.718-47.400-≤50-PASS



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

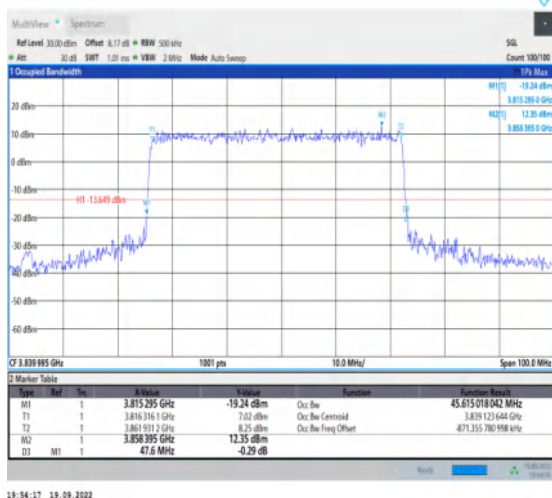
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

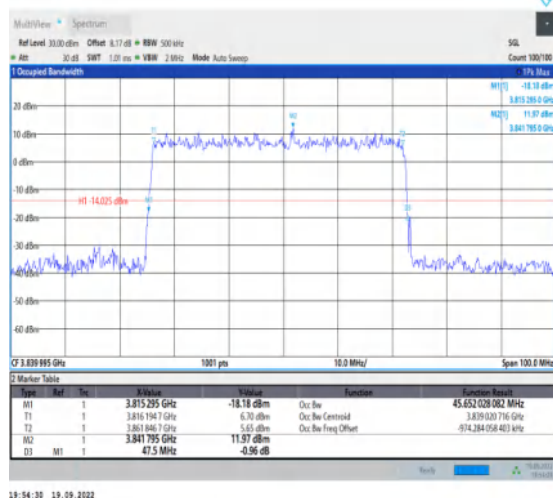
t (86-512) 62992980 www.sgs.com
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

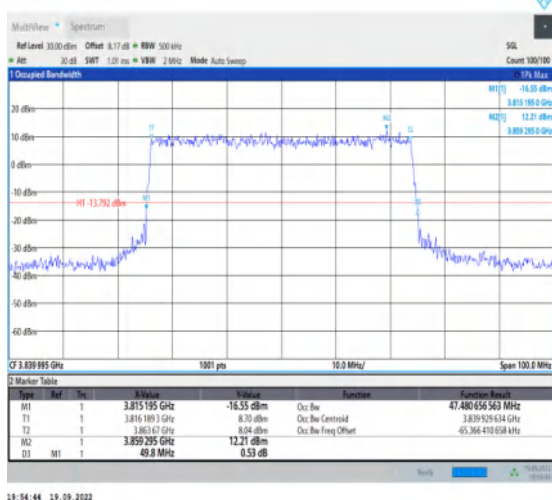
Report No.: SEWM2208000155RG02
Rev.: 01
Page: 69 of 161



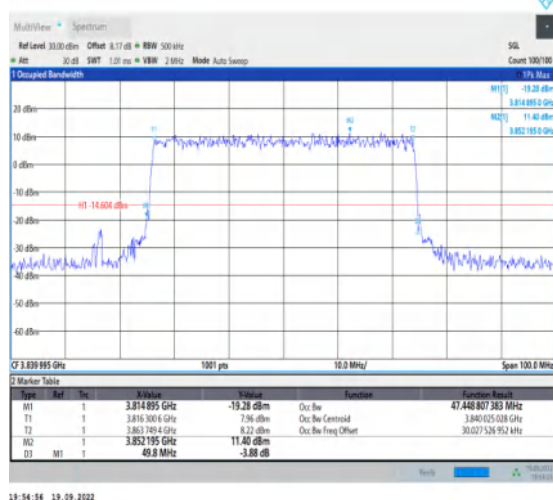
1-N77-3700-3980--30-50-M-4-DFT-64QAM-Outer_Full-128@0-Ant1-45.615-47.600-≤50-PASS



1-N77-3700-3980--30-50-M-5-DFT-256QAM-Outer_Full-128@0-Ant1-45.652-47.500-≤50-PASS



1-N77-3700-3980--30-50-M-6-CP-QPSK-Outer_Full-133@0-Ant1-47.481-49.800-≤50-PASS



1-N77-3700-3980--30-50-M-7-CP-16QAM-Outer_Full-133@0-Ant1-47.449-49.800-≤50-PASS



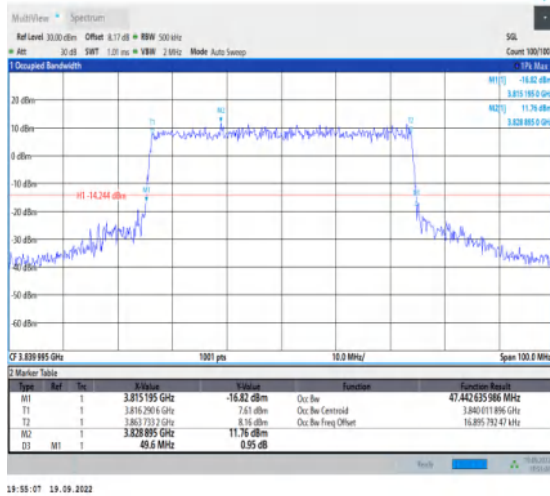
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

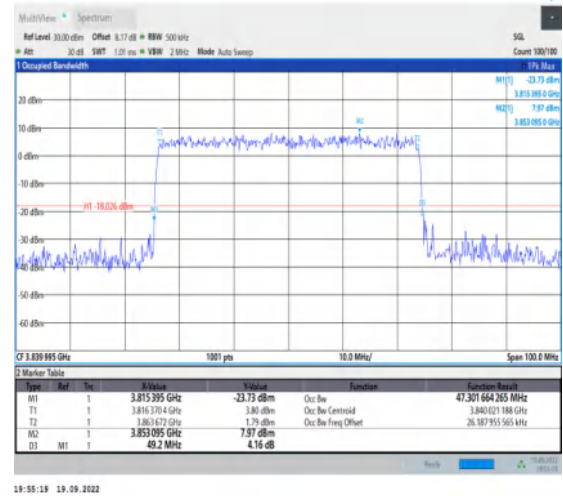
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区胜浦路1号6号厂房南楼 邮编：215000

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

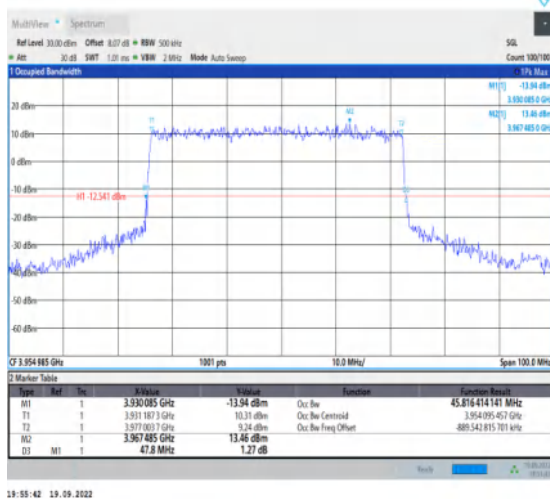
Member of the SGS Group (SGS SA)



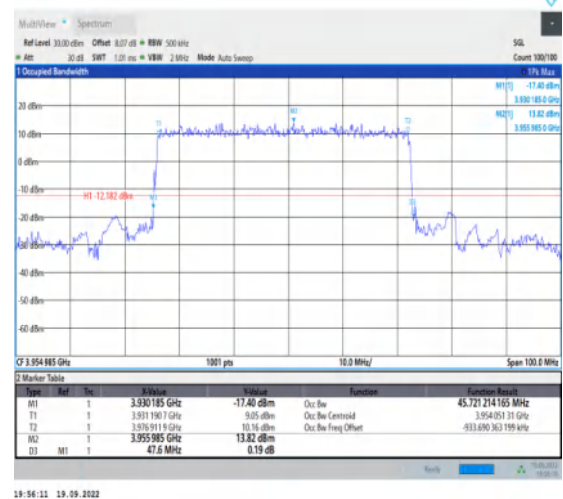
1-N77-3700-3980--30-50-M-8-CP-64QAM-Outer_Ful
I-133@0-Ant1-47.443-49.600-≤50-PASS



1-N77-3700-3980--30-50-M-9-CP-256QAM-Outer_Fu
II-133@0-Ant1-47.302-49.200-≤50-PASS



1-N77-3700-3980--30-50-H-1-DFT-QPSK-Outer_Full
-128@0-Ant1-45.816-47.800-≤50-PASS



1-N77-3700-3980--30-50-H-2-DFT-PI2BPSK-Outer_F
ull-128@0-Ant1-45.721-47.600-≤50-PASS



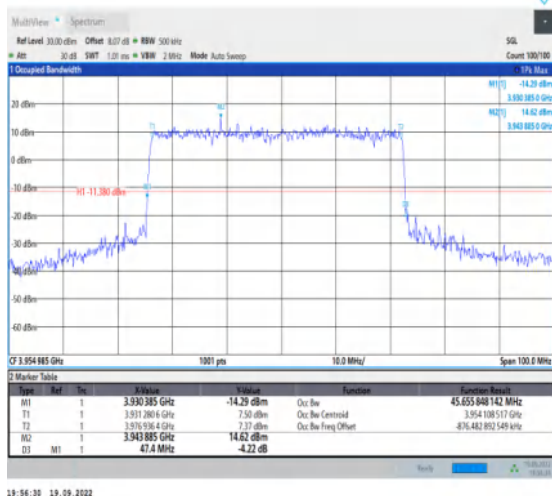
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

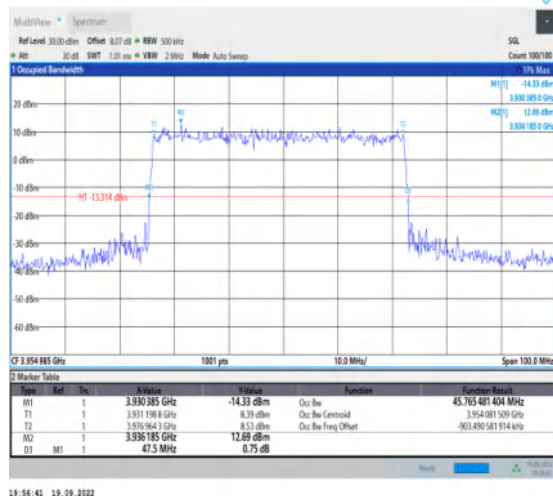
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)



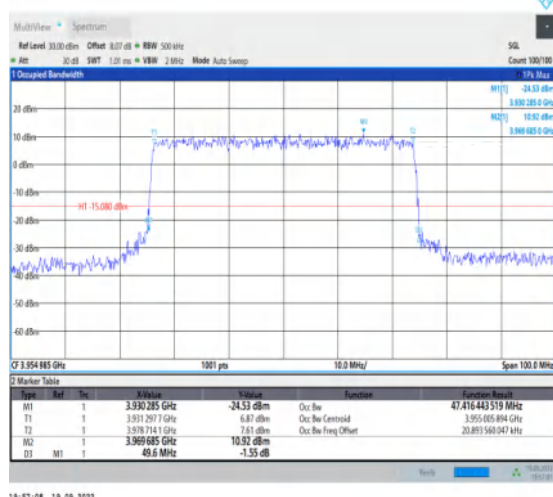
1-N77-3700-3980--30-50-H-3-DFT-16QAM-Outer_Full-128@0-Ant1-45.656-47.400-≤50-PASS



1-N77-3700-3980--30-50-H-4-DFT-64QAM-Outer_Full-128@0-Ant1-45.765-47.500-≤50-PASS



1-N77-3700-3980--30-50-H-5-DFT-256QAM-Outer_Full-128@0-Ant1-45.674-47.900-≤50-PASS



1-N77-3700-3980--30-50-H-6-CP-QPSK-Outer_Full-133@0-Ant1-47.416-49.600-≤50-PASS



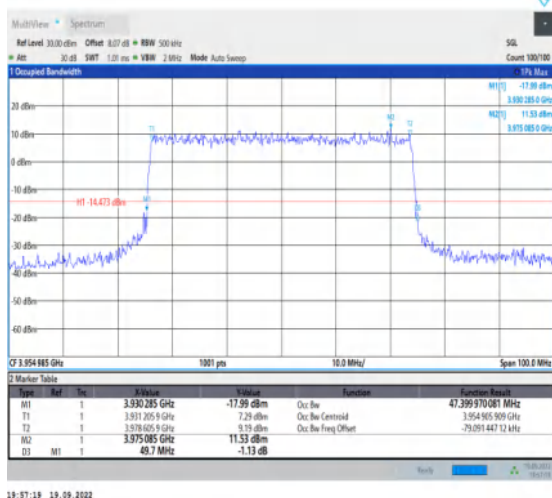
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

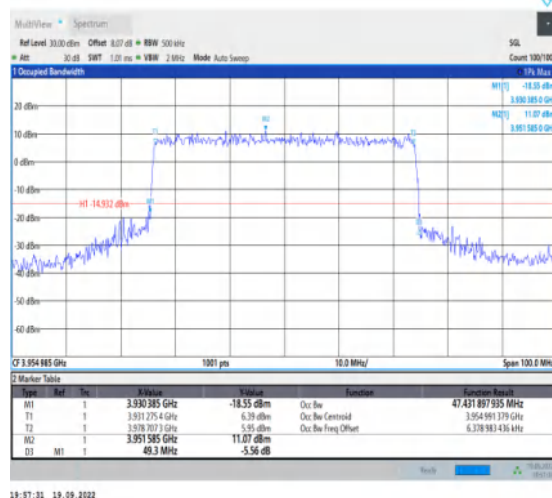
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区胜浦路1号6号厂房南楼 邮编: 215000

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

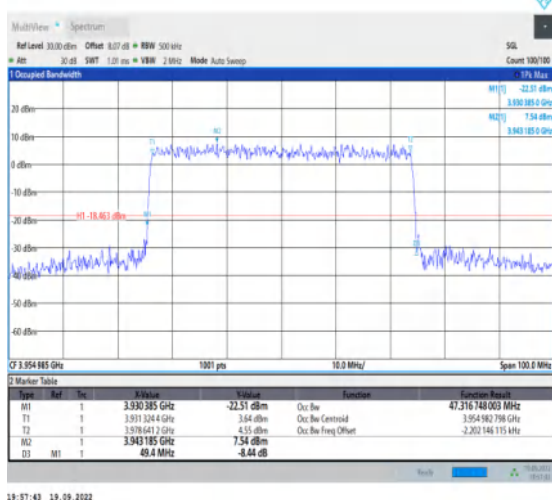
Member of the SGS Group (SGS SA)



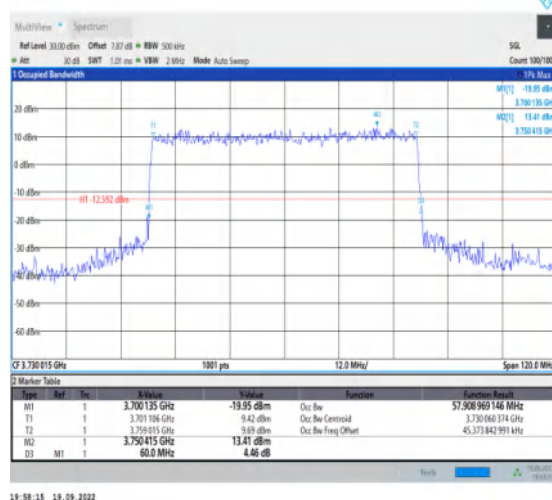
1-N77-3700-3980--30-50-H-7-CP-16QAM-Outer_Full
I-133@0-Ant1-47.4-49.700-≤50-PASS



1-N77-3700-3980--30-50-H-8-CP-64QAM-Outer_Full
-133@0-Ant1-47.432-49.300-≤50-PASS



1-N77-3700-3980--30-50-H-9-CP-256QAM-Outer_Full
ull-133@0-Ant1-47.317-49.400-≤50-PASS



1-N77-3700-3980--30-60-L-1-DFT-QPSK-Outer_Full
162@0-Ant1-57.909-60.000-≤60-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胜浦路1号6号厂房南座 邮编: 215000

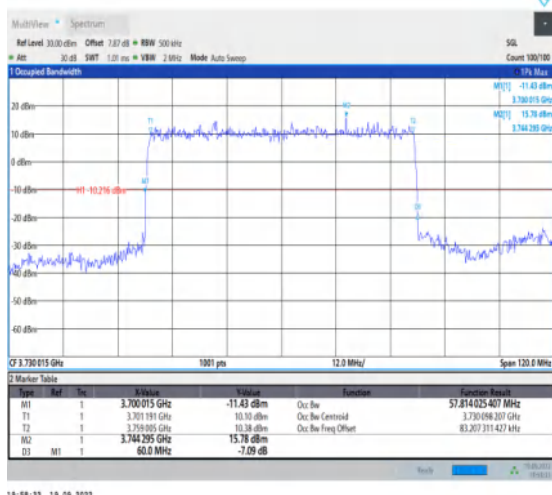
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2208000155RG02

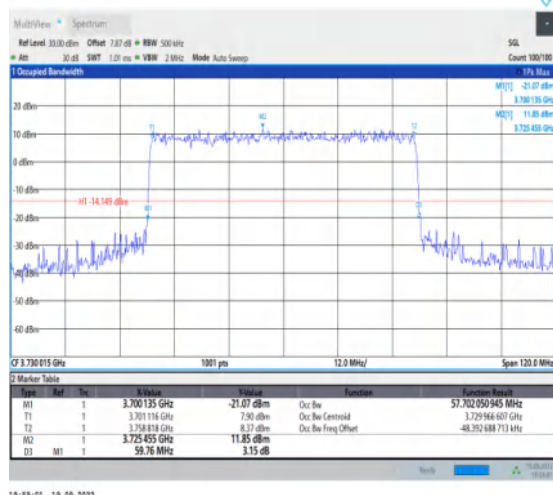
Rev.: 01

Page: 73 of 161



19-09-30 19-09-2022

1-N77-3700-3980--30-60-L-2-DFT-PI2BPSK-Outer_Full-162@0-Ant1-57.814-60.000-≤60-PASS



19-09-01 19-09-2022

1-N77-3700-3980--30-60-L-3-DFT-16QAM-Outer_Full-162@0-Ant1-57.702-59.760-≤60-PASS



19-09-12 19-09-2022

1-N77-3700-3980--30-60-L-4-DFT-64QAM-Outer_Full-162@0-Ant1-57.708-60.000-≤60-PASS



19-09-25 19-09-2022

1-N77-3700-3980--30-60-L-5-DFT-256QAM-Outer_Full-162@0-Ant1-57.789-60.240-≤60-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

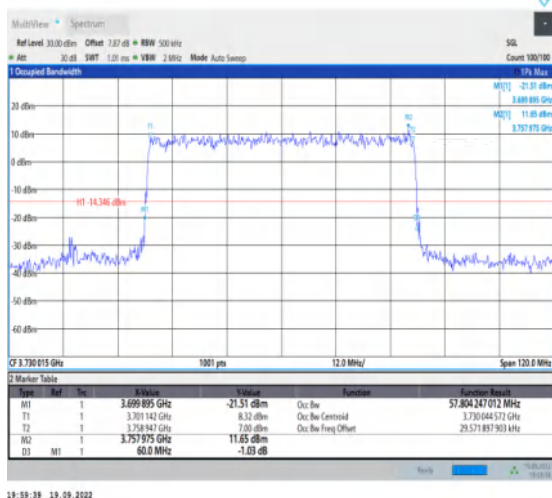
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

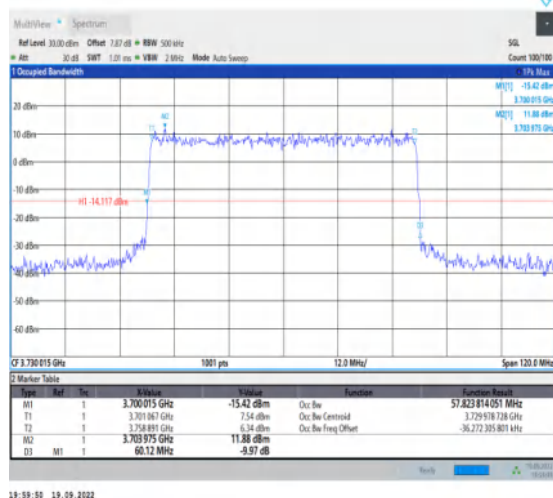
Report No.: SEWM2208000155RG02

Rev.: 01

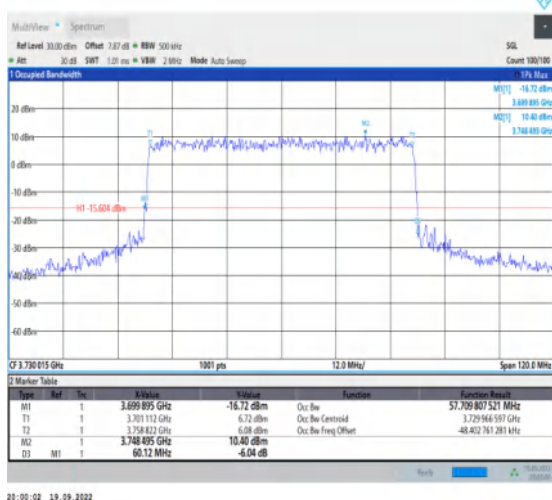
Page: 74 of 161



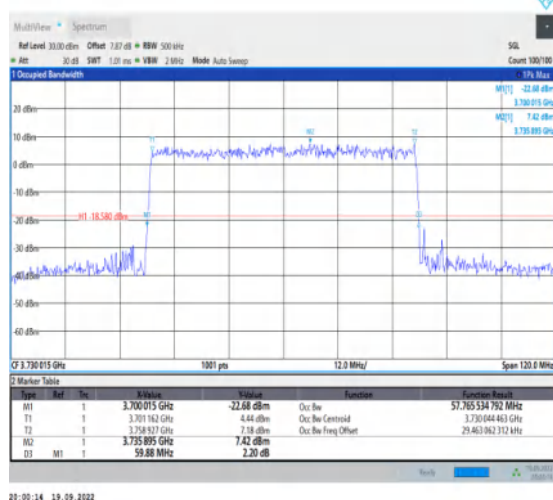
1-N77-3700-3980--30-60-L-6-CP-QPSK-Outet_Full-162@0-Ant1-57.804-60.000-≤60-PASS



1-N77-3700-3980--30-60-L-7-CP-16QAM-Outet_Full-162@0-Ant1-57.824-60.120-≤60-PASS



1-N77-3700-3980--30-60-L-8-CP-64QAM-Outet_Full-162@0-Ant1-57.71-60.120-≤60-PASS



1-N77-3700-3980--30-60-L-9-CP-256QAM-Outet_Full-162@0-Ant1-57.766-59.880-≤60-PASS



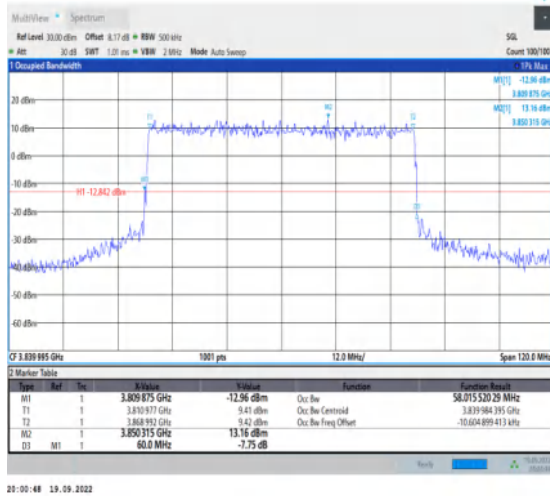
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

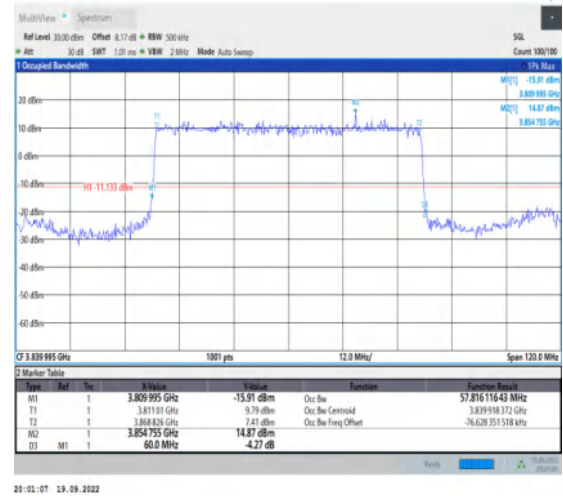
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区胜浦路1号6号厂房南座 邮编: 215000

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

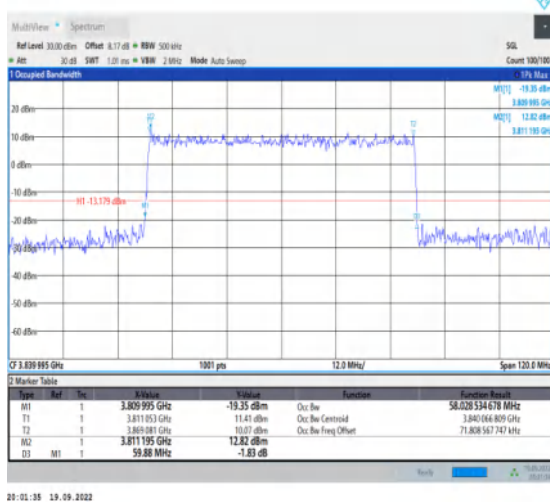
Member of the SGS Group (SGS SA)



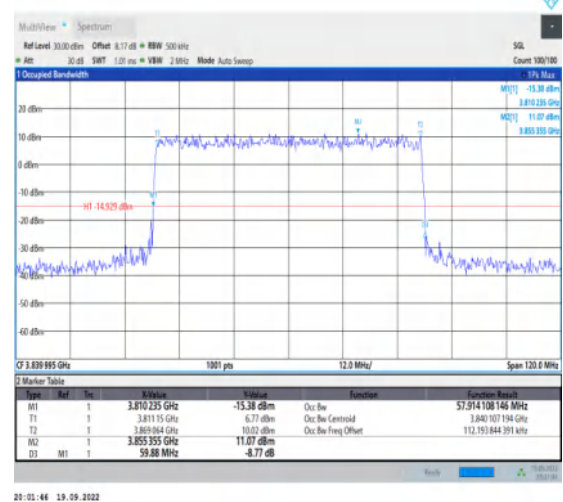
1-N77-3700-3980--30-60-M-1-DFT-QPSK-Outet_Ful
I-162@0-Ant1-58.016-60.000-≤60-PASS



1-N77-3700-3980--30-60-M-2-DFT-PI2BPSK-Outet_Full-162@0-Ant1-57.816-60.000-≤60-PASS

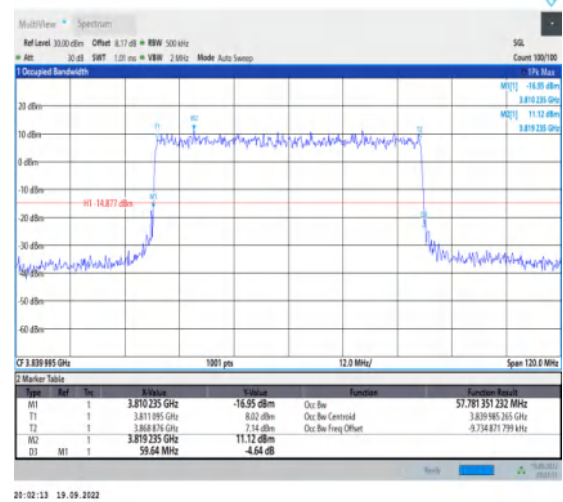
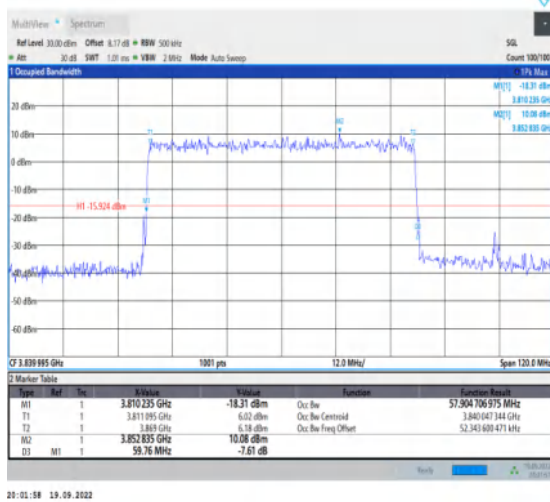


1-N77-3700-3980--30-60-M-3-DFT-16QAM-Outet_Full-162@0-Ant1-58.029-59.880-≤60-PASS



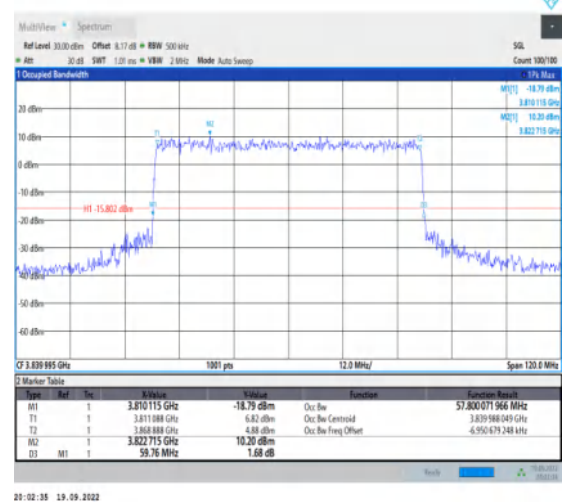
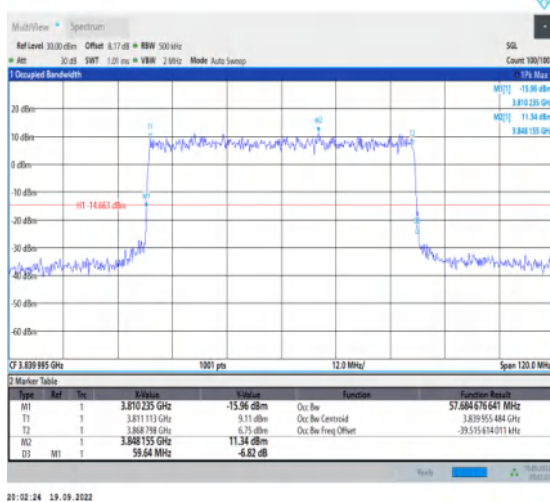
1-N77-3700-3980--30-60-M-4-DFT-64QAM-Outet_Full-162@0-Ant1-57.914-59.880-≤60-PASS





1-N77-3700-3980--30-60-M-5-DFT-256QAM-Outer_Full-162@0-Ant1-57.905-59.760-≤60-PASS

1-N77-3700-3980--30-60-M-6-CP-QPSK-Outer_Full-162@0-Ant1-57.781-59.640-≤60-PASS



1-N77-3700-3980--30-60-M-7-CP-16QAM-Outer_Full-162@0-Ant1-57.685-59.640-≤60-PASS

1-N77-3700-3980--30-60-M-8-CP-64QAM-Outer_Full-162@0-Ant1-57.8-59.760-≤60-PASS



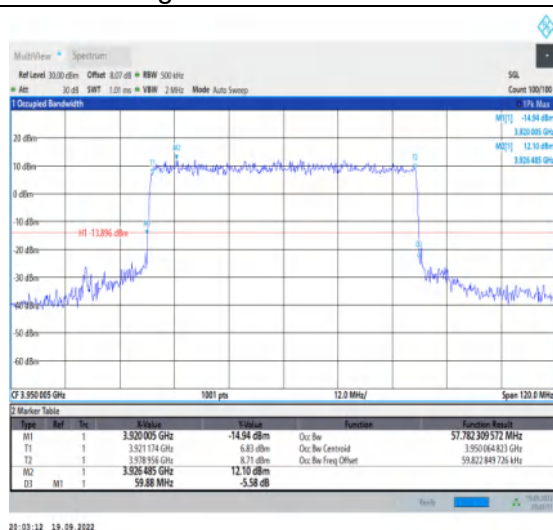
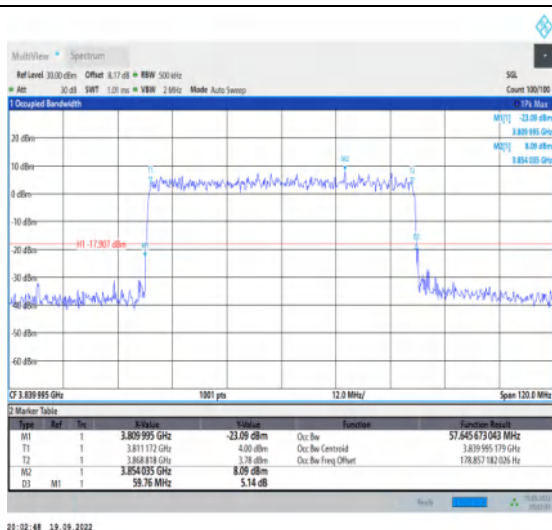
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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胜浦路1号的6号厂房南面 邮编: 215000

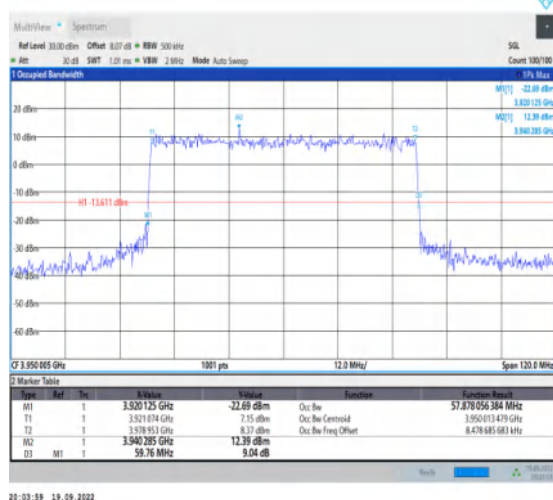
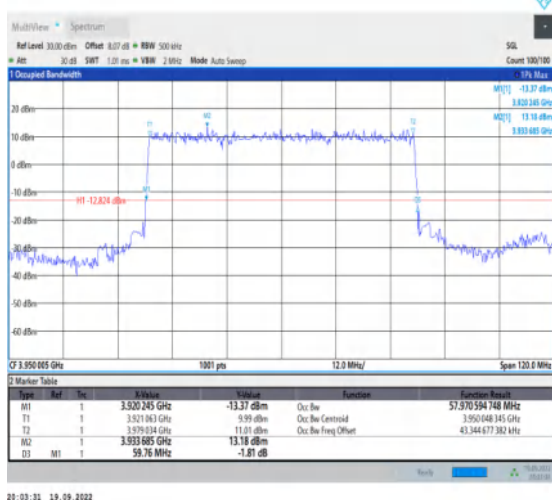
t (86-512) 62992980 www.sgs.com
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



1-N77-3700-3980--30-60-M-9-CP-256QAM-Outer_Full-162@0-Ant1-57.646-59.760-≤60-PASS

1-N77-3700-3980--30-60-H-1-DFT-QPSK-Outer_Full-162@0-Ant1-57.782-59.880-≤60-PASS



1-N77-3700-3980--30-60-H-2-DFT-PI2BPSK-Outer_Full-162@0-Ant1-57.971-59.760-≤60-PASS

1-N77-3700-3980--30-60-H-3-DFT-16QAM-Outer_Full-162@0-Ant1-57.878-59.760-≤60-PASS

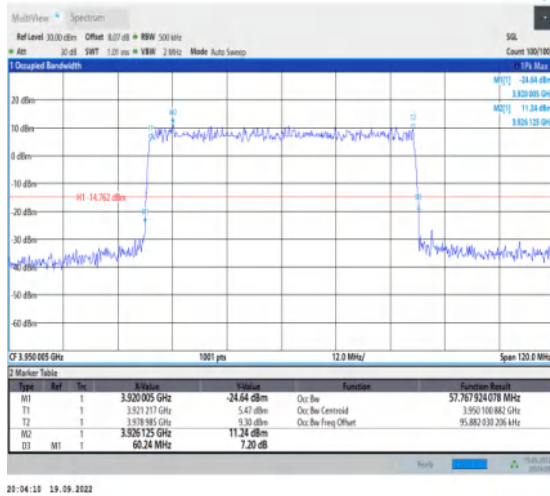


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

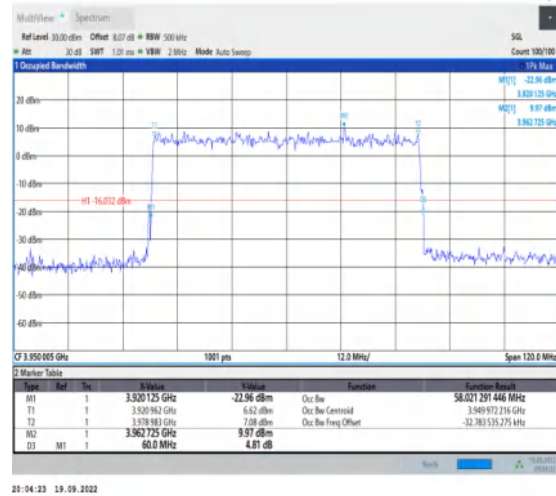
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编：215000

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



21-04-18 19:09:22

1-N77-3700-3980--30-60-H-4-DFT-64QAM-Outer_Full-162@0-Ant1-57.768-60.240-≤60-PASS



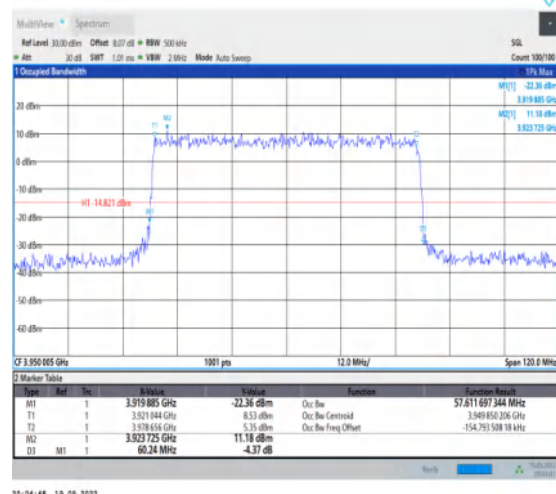
21-04-23 19:09:22

1-N77-3700-3980--30-60-H-5-DFT-256QAM-Outer_Full-162@0-Ant1-58.021-60.000-≤60-PASS



21-04-17 19:09:22

1-N77-3700-3980--30-60-H-6-CP-QPSK-Outer_Full-162@0-Ant1-57.821-60.120-≤60-PASS



21-04-18 19:09:22

1-N77-3700-3980--30-60-H-7-CP-16QAM-Outer_Full-162@0-Ant1-57.612-60.240-≤60-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胜浦路1号6号厂房南座 邮编: 215000

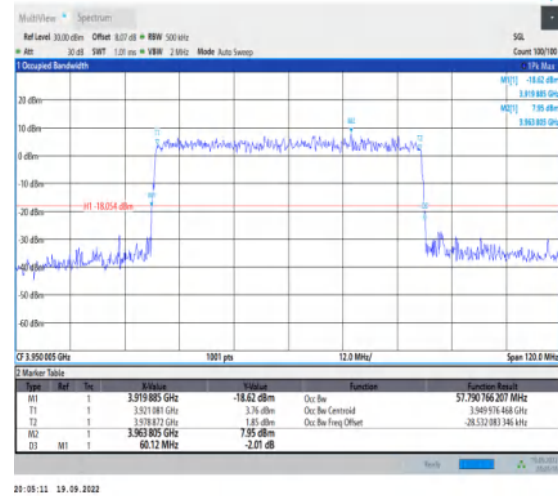
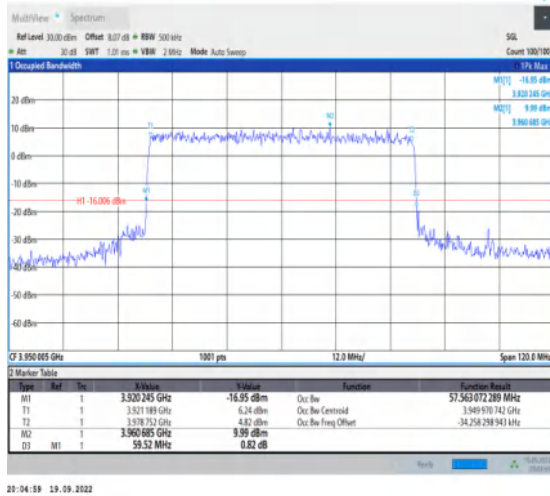
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2208000155RG02

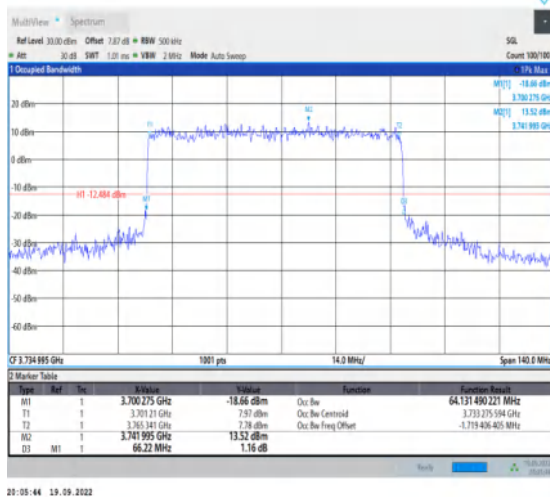
Rev.: 01

Page: 79 of 161



1-N77-3700-3980--30-60-H-8-CP-64QAM-Outer_Ful
I-162@0-Ant1-57.563-59.520-≤60-PASS

1-N77-3700-3980--30-60-H-9-CP-256QAM-Outer_Fu
II-162@0-Ant1-57.791-60.120-≤60-PASS



1-N77-3700-3980--30-70-L-1-DFT-QPSK-Outer_Full
-180@0-Ant1-64.131-66.220-≤70-PASS

1-N77-3700-3980--30-70-L-2-DFT-PI2BPSK-Outer_F
ull-180@0-Ant1-64.236-66.500-≤70-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.

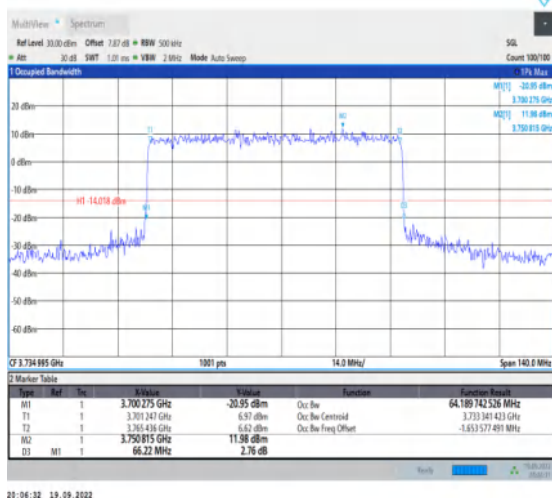
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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胜浦路1号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

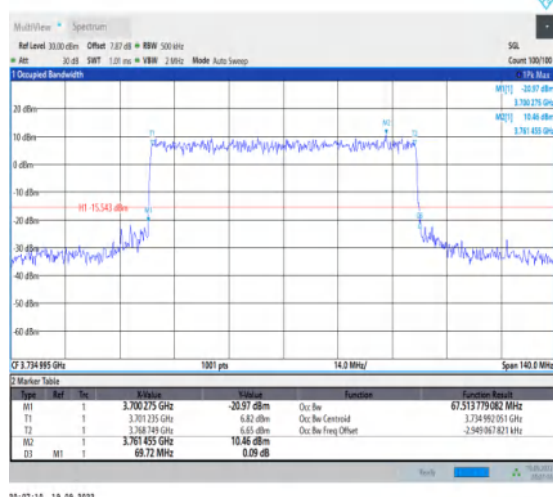
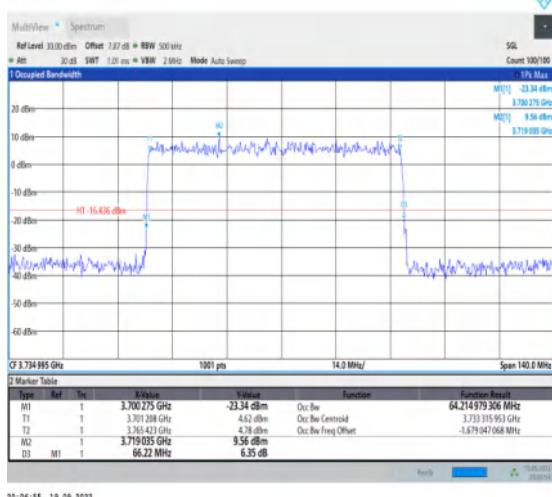
Member of the SGS Group (SGS SA)

Report No.: SEWM2208000155RG02
Rev.: 01
Page: 80 of 161



1-N77-3700-3980--30-70-L-3-DFT-16QAM-Outer_Fu
ll-180@0-Ant1-64.19-66.220-≤70-PASS

1-N77-3700-3980--30-70-L-4-DFT-64QAM-Outer_Ful
l-180@0-Ant1-64.243-66.220-≤70-PASS



1-N77-3700-3980--30-70-L-5-DFT-256QAM-Outer_F
ull-180@0-Ant1-64.215-66.220-≤70-PASS

1-N77-3700-3980--30-70-L-6-CP-QPSK-Outer_Full-1
89@0-Ant1-67.514-69.720-≤70-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胜浦路1号6号厂房南座 邮编：215000

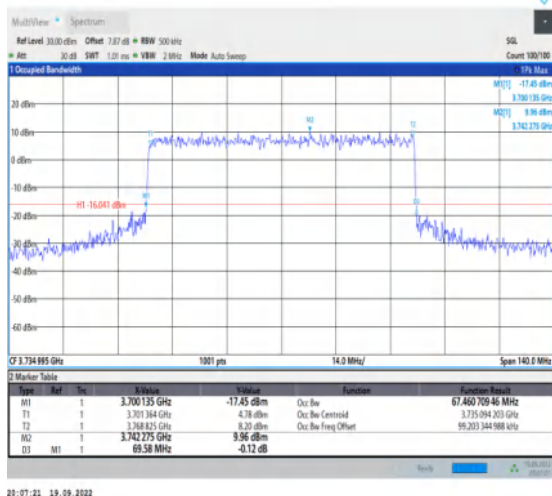
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

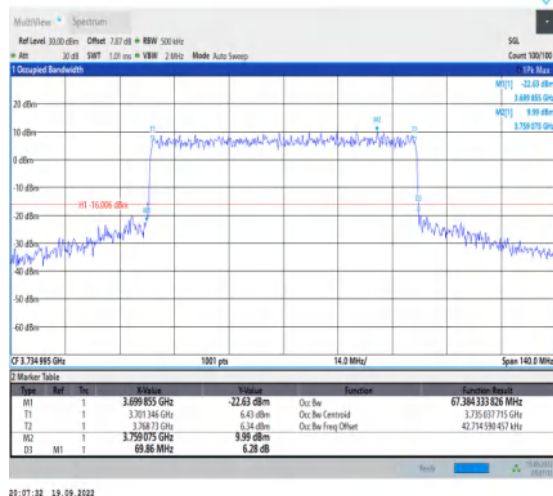
Report No.: SEWM2208000155RG02

Rev.: 01

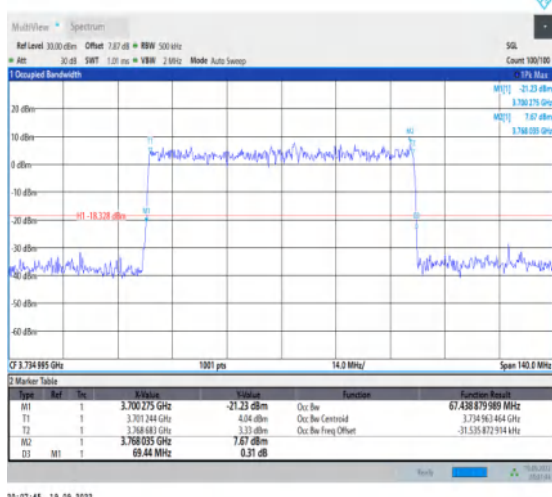
Page: 81 of 161



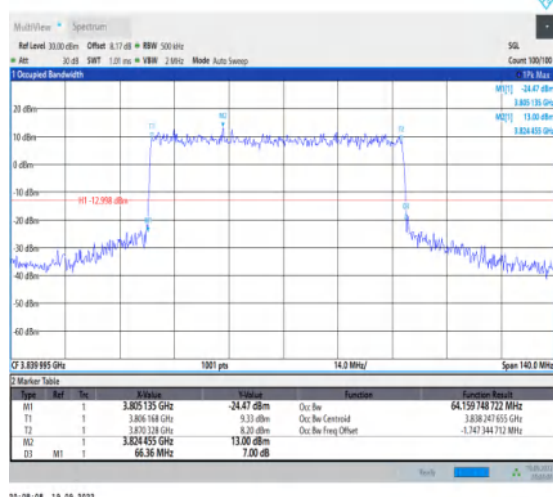
1-N77-3700-3980--30-70-L-7-CP-16QAM-Outer_Full
-189@0-Ant1-67.461-69.580-≤70-PASS



1-N77-3700-3980--30-70-L-8-CP-64QAM-Outer_Full
-189@0-Ant1-67.384-69.860-≤70-PASS



1-N77-3700-3980--30-70-L-9-CP-256QAM-Outer_Full
-189@0-Ant1-67.439-69.440-≤70-PASS



1-N77-3700-3980--30-70-M-1-DFT-QPSK-Outer_Full
-180@0-Ant1-64.16-66.360-≤70-PASS



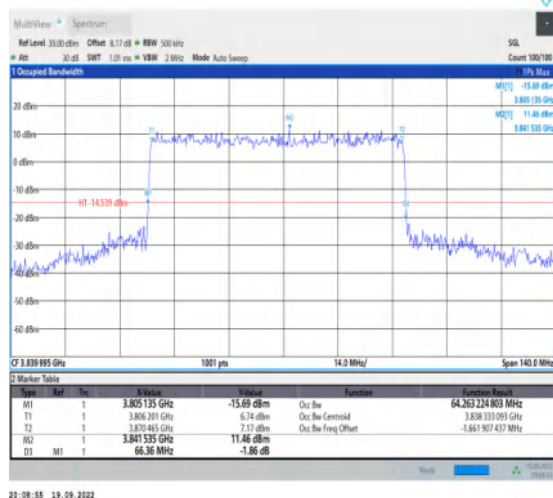
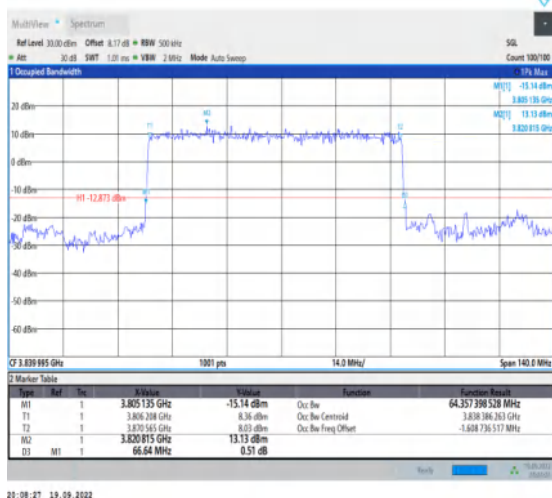
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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胜浦路1号6号厂房南座 邮编: 215000

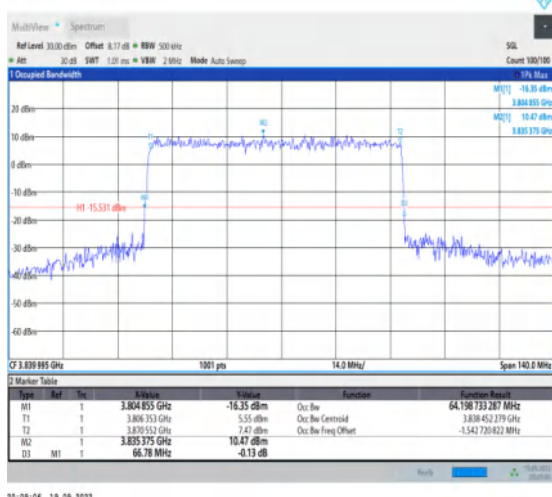
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



1-N77-3700-3980--30-70-M-2-DFT-PI2BPSK-Outer_Full-180@0-Ant1-64.357-66.640-≤70-PASS

1-N77-3700-3980--30-70-M-3-DFT-16QAM-Outer_Full-180@0-Ant1-64.263-66.360-≤70-PASS



1-N77-3700-3980--30-70-M-4-DFT-64QAM-Outer_Full-180@0-Ant1-64.199-66.780-≤70-PASS

1-N77-3700-3980--30-70-M-5-DFT-256QAM-Outer_Full-180@0-Ant1-64.123-67.060-≤70-PASS



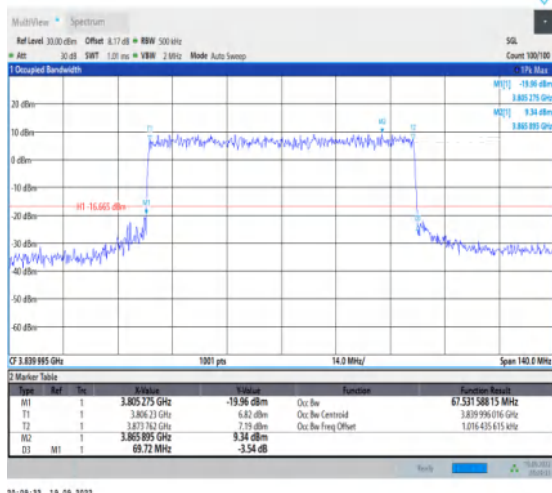
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

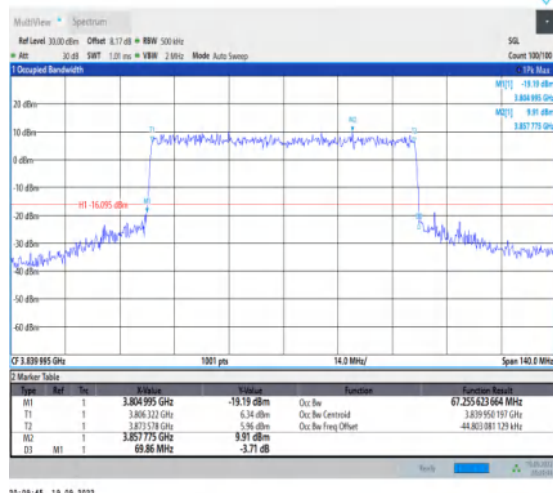
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区胜浦路1号6号厂房南楼 邮编：215000

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

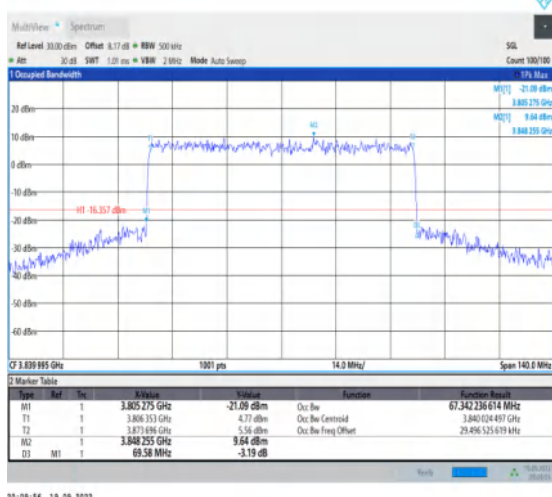
Member of the SGS Group (SGS SA)



1-N77-3700-3980--30-70-M-6-CP-QPSK-Outer_Full-189@0-Ant1-67.532-69.720-<70-PASS



1-N77-3700-3980--30-70-M-7-CP-16QAM-Outer_Full-189@0-Ant1-67.256-69.860-<70-PASS



1-N77-3700-3980--30-70-M-8-CP-64QAM-Outer_Ful-I-189@0-Ant1-67.342-69.580-<70-PASS



1-N77-3700-3980--30-70-M-9-CP-256QAM-Outer_Fu-II-189@0-Ant1-67.242-69.440-<70-PASS

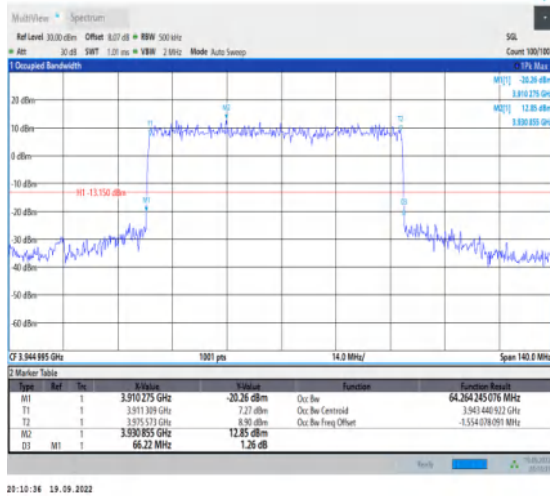


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

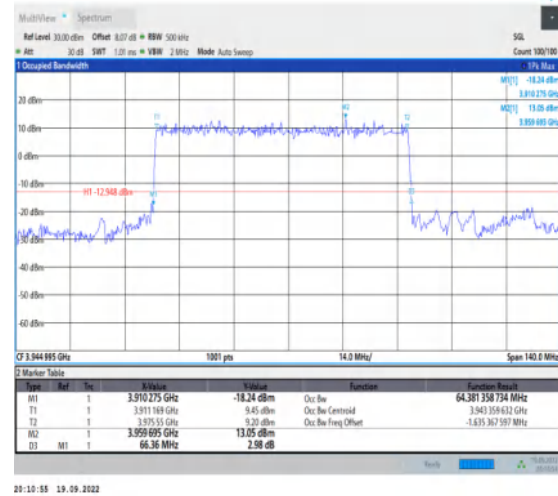
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区胜浦路1号6号厂房南座 邮编: 215000

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



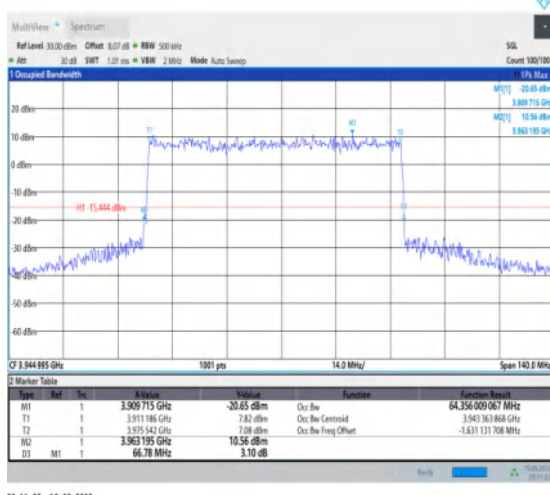
20-10-16 19:09:2022

1-N77-3700-3980--30-70-H-1-DFT-QPSK-Outer_Full
-180@0-Ant1-64.264-66.220-≤70-PASS



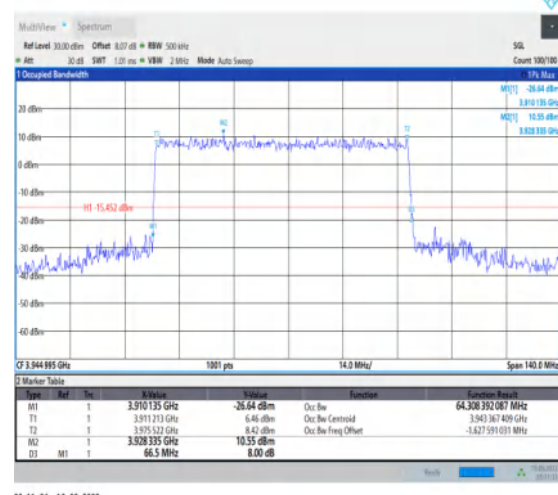
20-10-16 19:09:2022

1-N77-3700-3980--30-70-H-2-DFT-PI2BPSK-Outer_Full
-180@0-Ant1-64.381-66.360-≤70-PASS



20-11-23 19:09:2022

1-N77-3700-3980--30-70-H-3-DFT-16QAM-Outer_Full
-180@0-Ant1-64.356-66.780-≤70-PASS



20-11-24 19:09:2022

1-N77-3700-3980--30-70-H-4-DFT-64QAM-Outer_Full
-180@0-Ant1-64.308-66.500-≤70-PASS



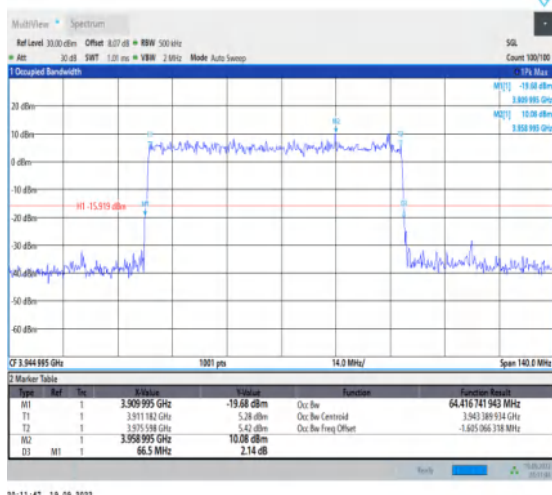
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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胜浦路1号6号厂房南座 邮编: 215000

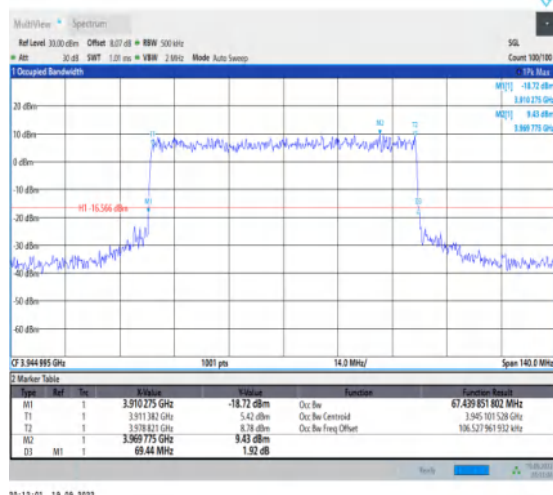
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



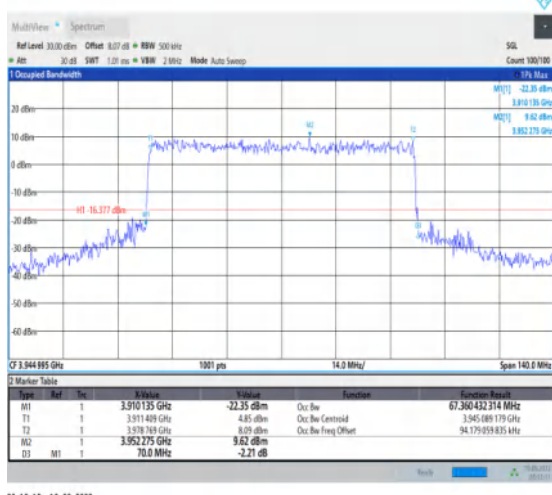
20-11-47 19-09-2022

1-N77-3700-3980--30-70-H-5-DFT-256QAM-Outer_Full-180@0-Ant1-64.417-66.500-≤70-PASS



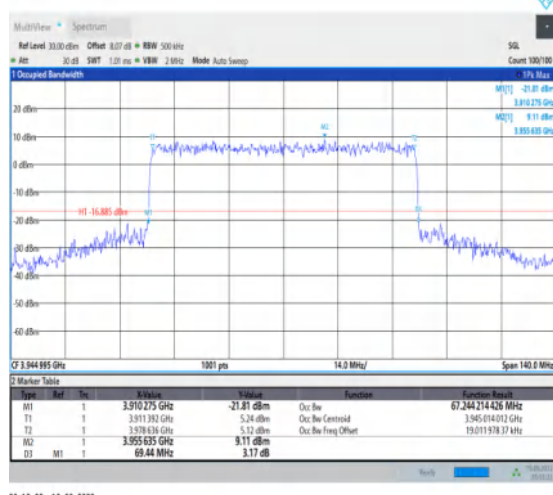
20-12-01 19-09-2022

1-N77-3700-3980--30-70-H-6-CP-QPSK-Outer_Full-189@0-Ant1-67.44-69.440-≤70-PASS



20-12-12 19-09-2022

1-N77-3700-3980--30-70-H-7-CP-16QAM-Outer_Full-189@0-Ant1-67.36-70.000-≤70-PASS



20-12-23 19-09-2022

1-N77-3700-3980--30-70-H-8-CP-64QAM-Outer_Full-189@0-Ant1-67.244-69.440-≤70-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胜浦路1号6号厂房南楼 邮编: 215000

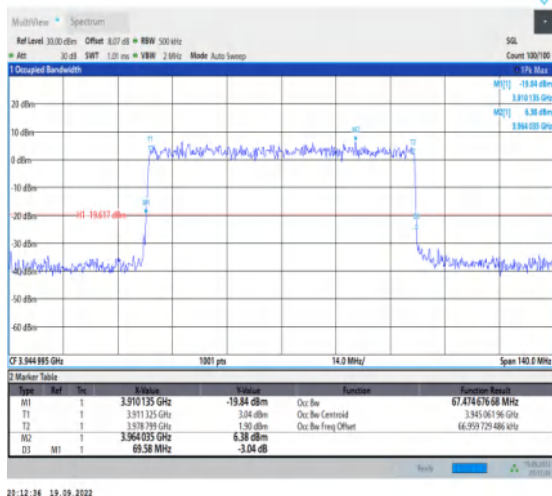
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

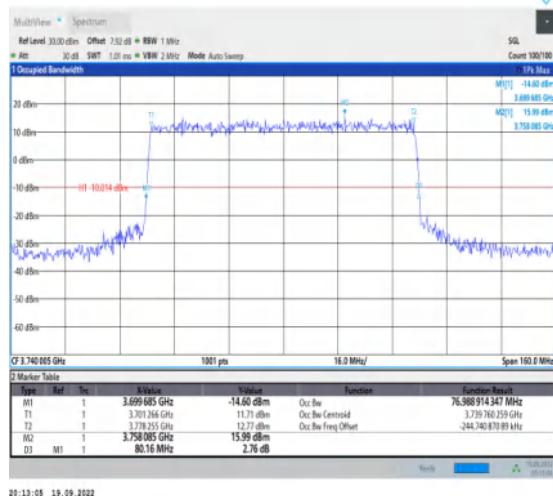
Report No.: SEWM2208000155RG02

Rev.: 01

Page: 86 of 161



20-12-36 19-09-2022



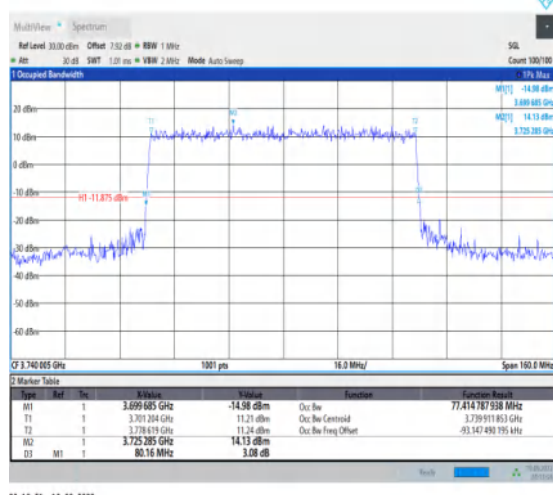
20-13-05 19-09-2022

1-N77-3700-3980--30-70-H-9-CP-256QAM-Outer_Full-189@0-Ant1-67.475-69.580-≤70-PASS

1-N77-3700-3980--30-80-L-1-DFT-QPSK-Outer_Full-216@0-Ant1-76.989-80.160-≤80-PASS



20-13-23 19-09-2022



20-13-31 19-09-2022

1-N77-3700-3980--30-80-L-2-DFT-P12BPSK-Outer_Full-216@0-Ant1-77.301-80.160-≤80-PASS

1-N77-3700-3980--30-80-L-3-DFT-16QAM-Outer_Full-216@0-Ant1-77.415-80.160-≤80-PASS



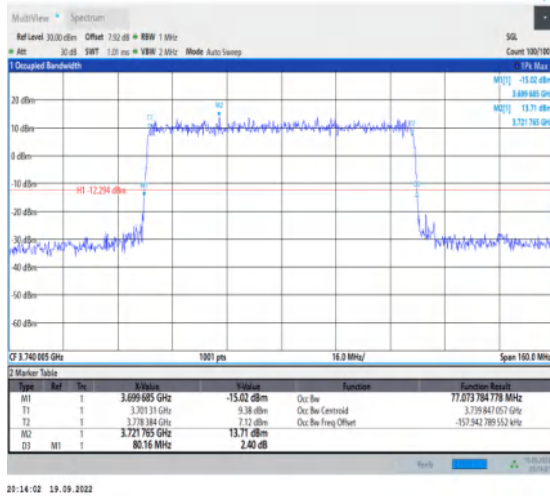
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

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

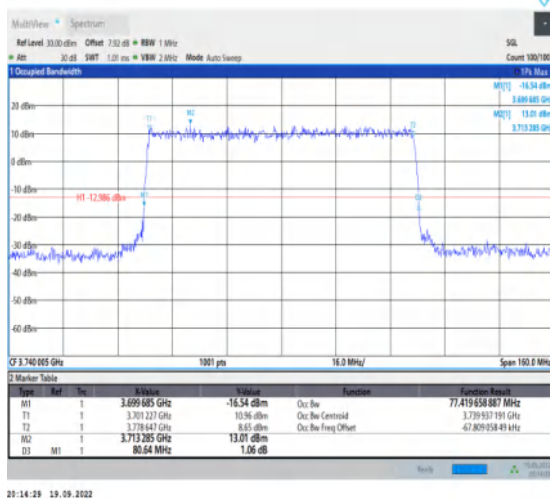
Member of the SGS Group (SGS SA)



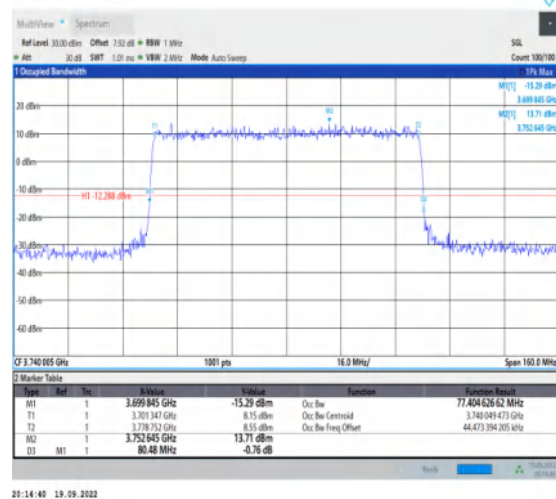
1-N77-3700-3980--30-80-L-4-DFT-64QAM-Outer_Fu II-216@0-Ant1-77.074-80.160-≤80-PASS



1-N77-3700-3980--30-80-L-5-DFT-256QAM-Outer_F ull-216@0-Ant1-76.872-80.000-≤80-PASS



1-N77-3700-3980--30-80-L-6-CP-QPSK-Outer_Full-217@0-Ant1-77.42-80.640-≤80-PASS



1-N77-3700-3980--30-80-L-7-CP-16QAM-Outer_Full-217@0-Ant1-77.405-80.480-≤80-PASS



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

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

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

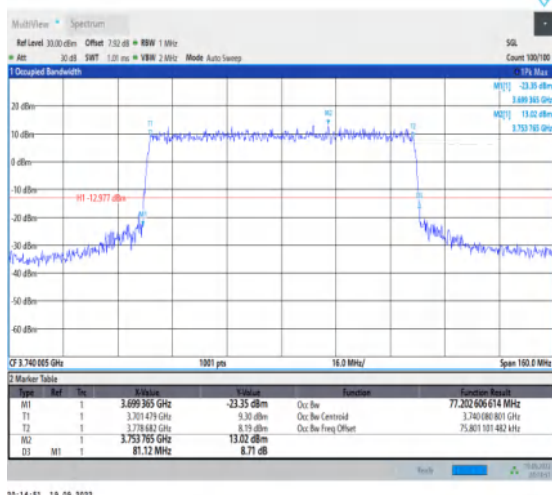
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2208000155RG02

Rev.: 01

Page: 88 of 161



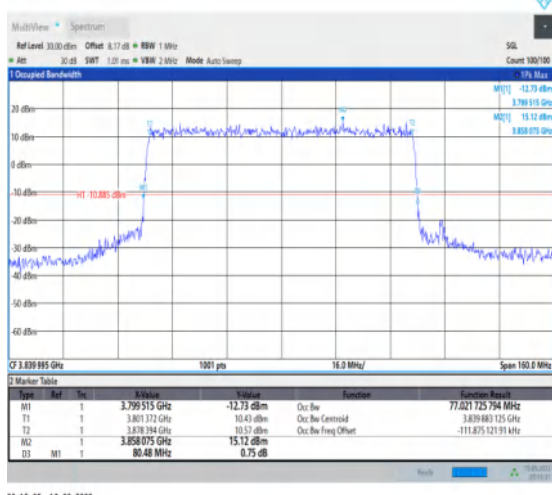
20:14:52 19-09-2022

1-N77-3700-3980--30-80-L-8-CP-64QAM-Outer_Full
-217@0-Ant1-77.203-81.120-≤80-PASS



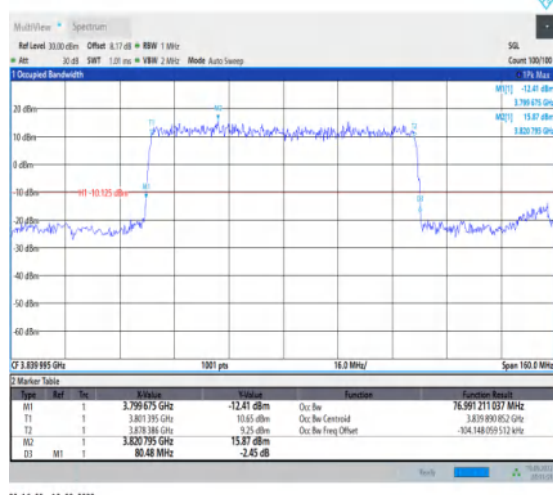
20:15:04 19-09-2022

1-N77-3700-3980--30-80-L-9-CP-256QAM-Outer_Ful
I-217@0-Ant1-77.303-80.640-≤80-PASS



20:15:32 19-09-2022

1-N77-3700-3980--30-80-M-1-DFT-QPSK-Outer_Ful
I-216@0-Ant1-77.022-80.480-≤80-PASS



20:16:00 19-09-2022

1-N77-3700-3980--30-80-M-2-DFT-PI2BPSK-Outer_Full
Full-216@0-Ant1-76.991-80.480-≤80-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胜浦路1号6号厂房南面 邮编: 215000

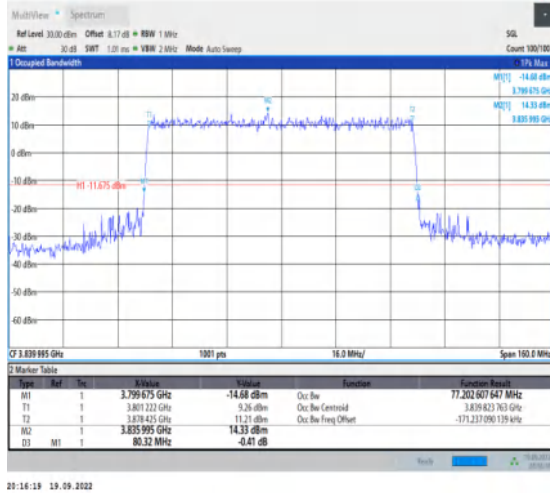
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2208000155RG02

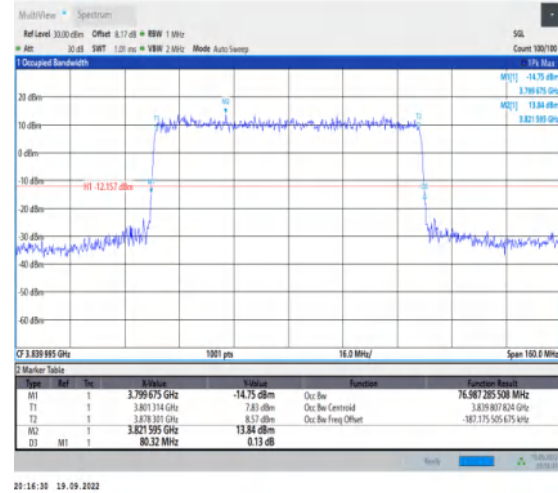
Rev.: 01

Page: 89 of 161



20:16:18 19-09-2022

1-N77-3700-3980--30-80-M-3-DFT-16QAM-Outer_Full-216@0-Ant1-77.203-80.320-≤80-PASS



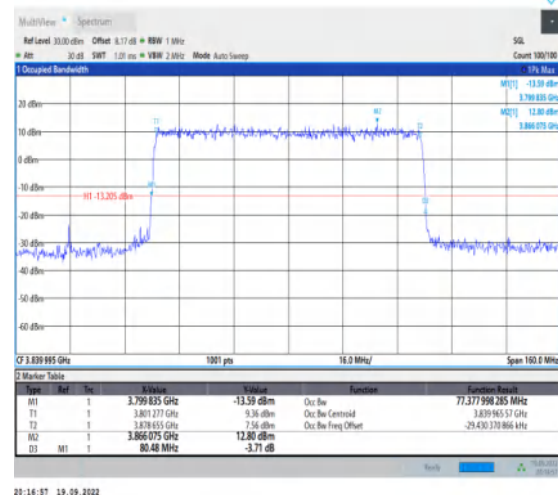
20:16:20 19-09-2022

1-N77-3700-3980--30-80-M-4-DFT-64QAM-Outer_Full-216@0-Ant1-76.987-80.320-≤80-PASS



20:16:43 19-09-2022

1-N77-3700-3980--30-80-M-5-DFT-256QAM-Outer_Full-216@0-Ant1-77.056-80.320-≤80-PASS



20:16:57 19-09-2022

1-N77-3700-3980--30-80-M-6-CP-QPSK-Outer_Full-217@0-Ant1-77.378-80.480-≤80-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胜浦路1号6号厂房南楼 邮编: 215000

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

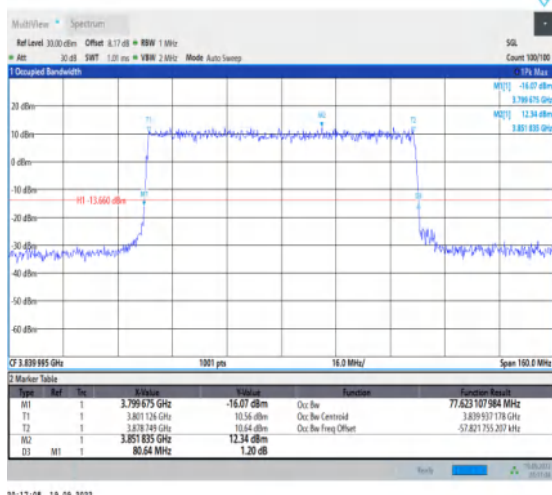
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2208000155RG02

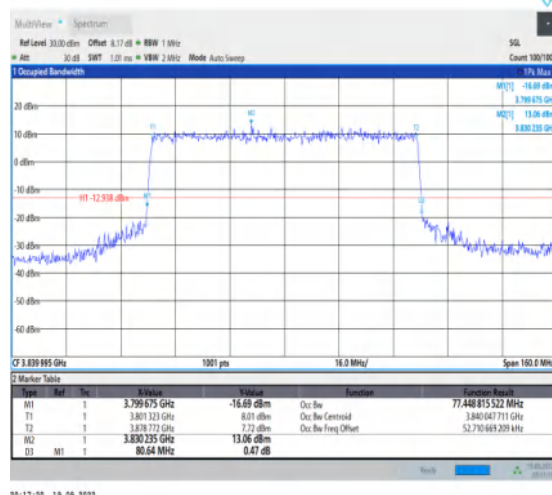
Rev.: 01

Page: 90 of 161



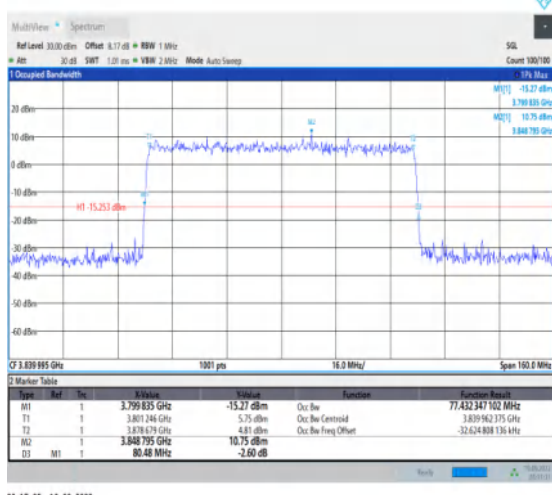
20:17:08 19-09-2022

1-N77-3700-3980--30-80-M-7-CP-16QAM-Outer_Ful
I-217@0-Ant1-77.623-80.640-≤80-PASS



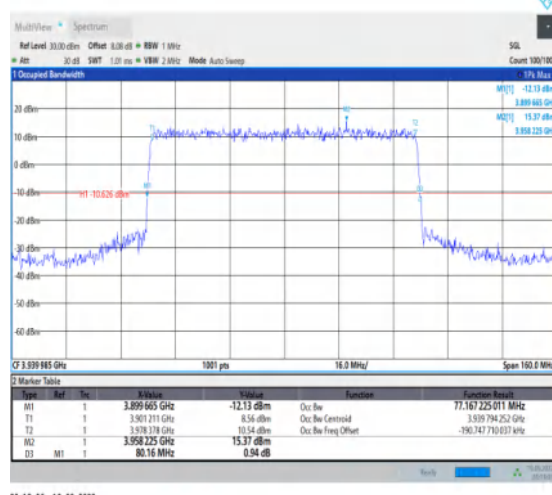
20:17:20 19-09-2022

1-N77-3700-3980--30-80-M-8-CP-64QAM-Outer_Full
-217@0-Ant1-77.449-80.640-≤80-PASS



20:17:32 19-09-2022

1-N77-3700-3980--30-80-M-9-CP-256QAM-Outer_F
ull-217@0-Ant1-77.432-80.480-≤80-PASS



20:18:06 19-09-2022

1-N77-3700-3980--30-80-H-1-DFT-QPSK-Outer_Full-
216@0-Ant1-77.167-80.160-≤80-PASS



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

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

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

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

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

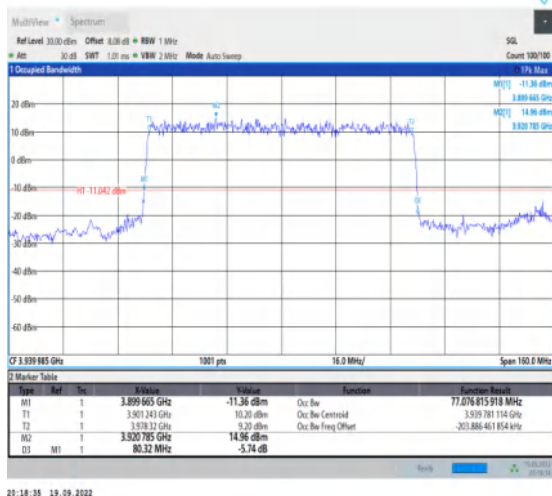
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

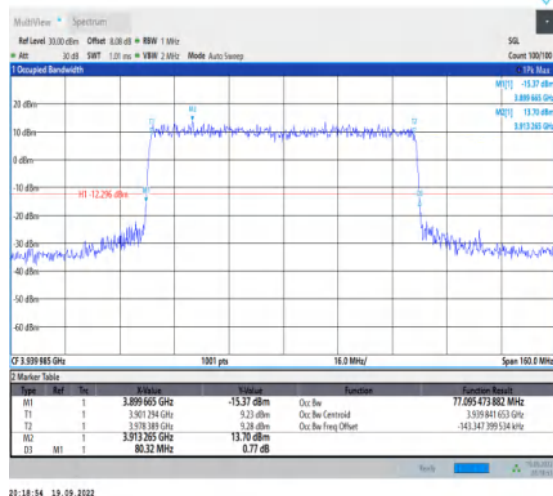
Report No.: SEWM2208000155RG02

Rev.: 01

Page: 91 of 161



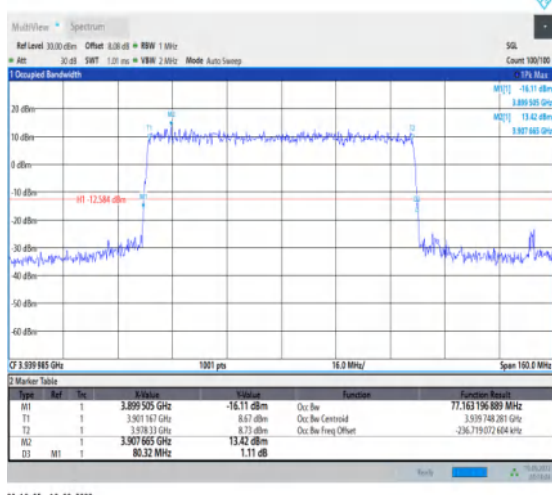
20:18:38 19-09-2022



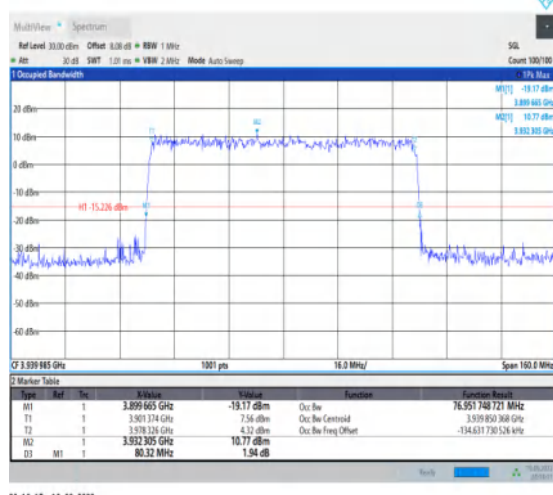
20:18:54 19-09-2022

1-N77-3700-3980--30-80-H-2-DFT-PI2BPSK-Outer_Full-216@0-Ant1-77.077-80.320-≤80-PASS

1-N77-3700-3980--30-80-H-3-DFT-16QAM-Outer_Ful I-216@0-Ant1-77.095-80.320-≤80-PASS



20:19:08 19-09-2022



20:19:17 19-09-2022

1-N77-3700-3980--30-80-H-4-DFT-64QAM-Outer_Full-216@0-Ant1-77.163-80.320-≤80-PASS

1-N77-3700-3980--30-80-H-5-DFT-256QAM-Outer_Full-216@0-Ant1-76.952-80.320-≤80-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.

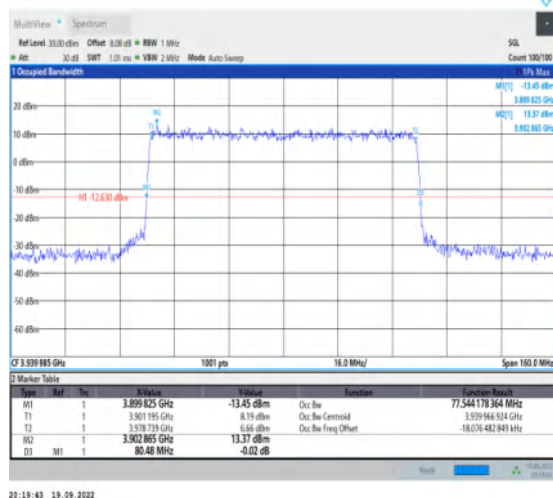
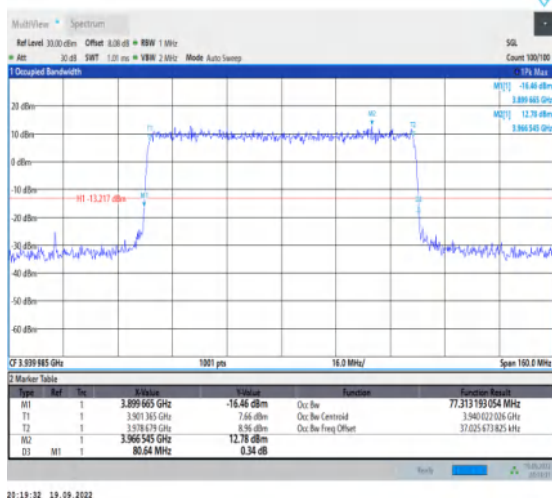
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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胜浦路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

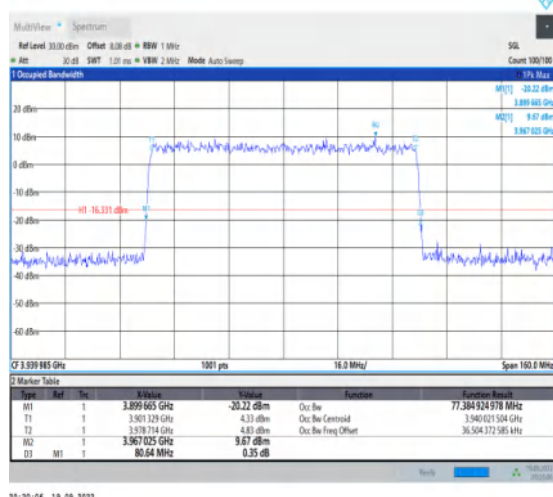
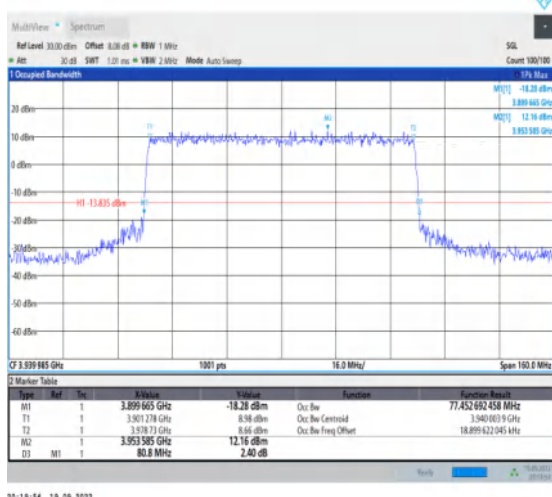
Member of the SGS Group (SGS SA)

Report No.: SEWM2208000155RG02
Rev.: 01
Page: 92 of 161



1-N77-3700-3980--30-80-H-6-CP-QPSK-Outet_Full-217@0-Ant1-77.313-80.640-≤80-PASS

1-N77-3700-3980--30-80-H-7-CP-16QAM-Outet_Full-217@0-Ant1-77.544-80.480-≤80-PASS



1-N77-3700-3980--30-80-H-8-CP-64QAM-Outet_Full-217@0-Ant1-77.453-80.800-≤80-PASS

1-N77-3700-3980--30-80-H-9-CP-256QAM-Outet_Full-217@0-Ant1-77.385-80.640-≤80-PASS



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

Attention: To check the authenticity of testing / inspection 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胜浦路1号6号厂房南座 邮编: 215000

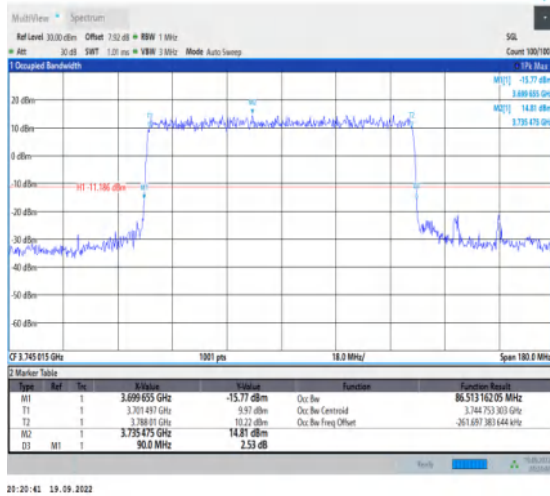
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2208000155RG02

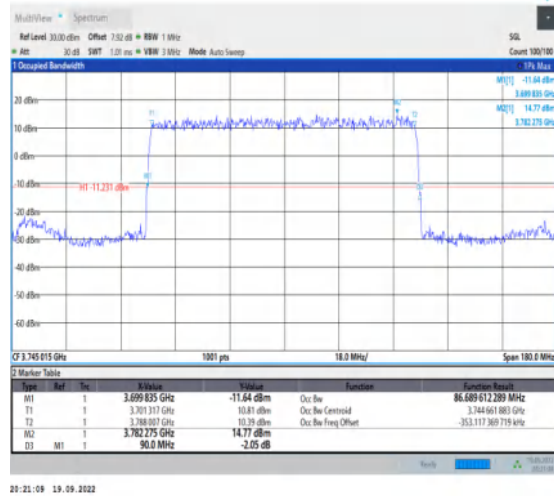
Rev.: 01

Page: 93 of 161



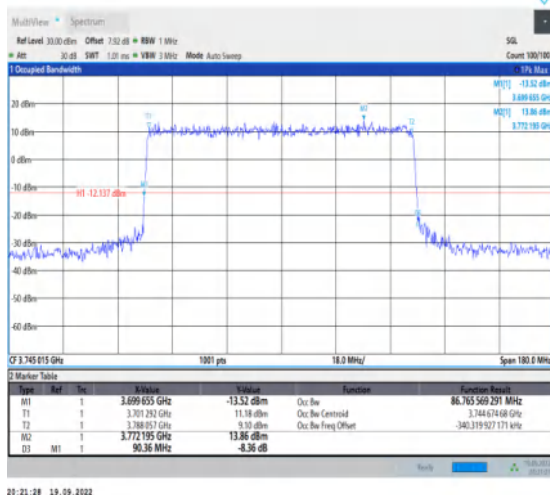
20:20:42 19-09-2022

1-N77-3700-3980--30-90-L-1-DFT-QPSK-Outer_Full
-243@0-Ant1-86.513-90.000-≤90-PASS



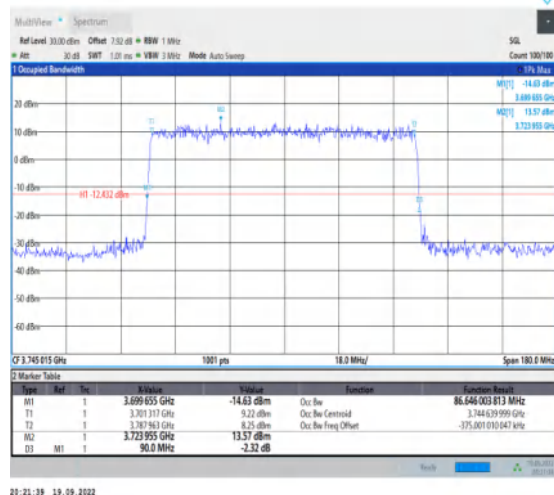
20:21:09 19-09-2022

1-N77-3700-3980--30-90-L-2-DFT-PI2BPSK-Outer_Full
-243@0-Ant1-86.69-90.000-≤90-PASS



20:21:28 19-09-2022

1-N77-3700-3980--30-90-L-3-DFT-16QAM-Outer_Full
-243@0-Ant1-86.766-90.360-≤90-PASS



20:21:39 19-09-2022

1-N77-3700-3980--30-90-L-4-DFT-64QAM-Outer_Full
-243@0-Ant1-86.646-90.000-≤90-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胜浦路1号6号厂房南座 邮编: 215000

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

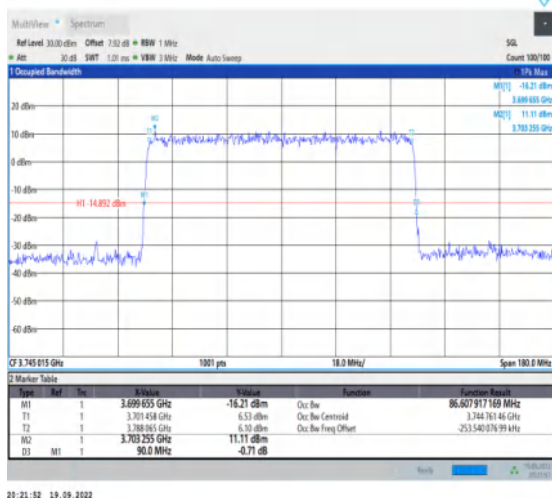
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

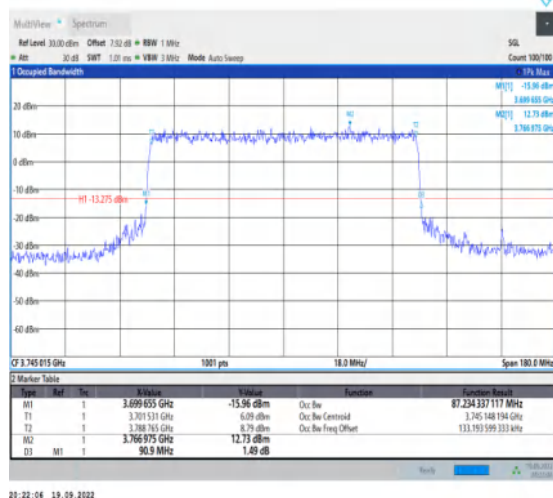
Report No.: SEWM2208000155RG02

Rev.: 01

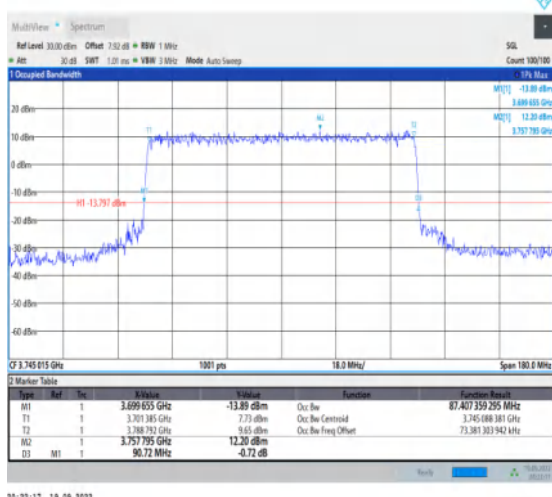
Page: 94 of 161



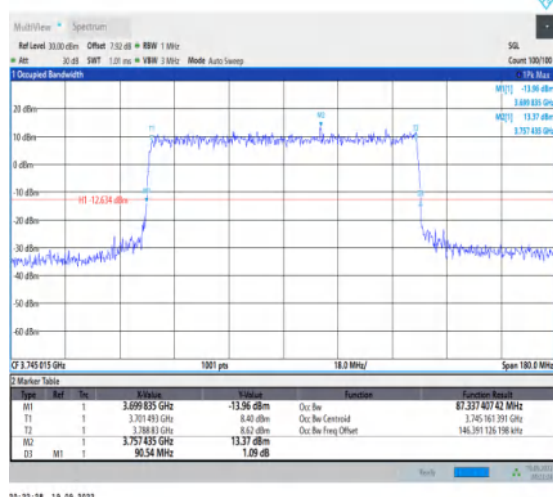
1-N77-3700-3980--30-90-L-5-DFT-256QAM-Outer_Full-243@0-Ant1-86.608-90.000-≤90-PASS



1-N77-3700-3980--30-90-L-6-CP-QPSK-Outer_Full-245@0-Ant1-87.234-90.900-≤90-PASS



1-N77-3700-3980--30-90-L-7-CP-16QAM-Outer_Full-245@0-Ant1-87.407-90.720-≤90-PASS



1-N77-3700-3980--30-90-L-8-CP-64QAM-Outer_Full-245@0-Ant1-87.337-90.540-≤90-PASS



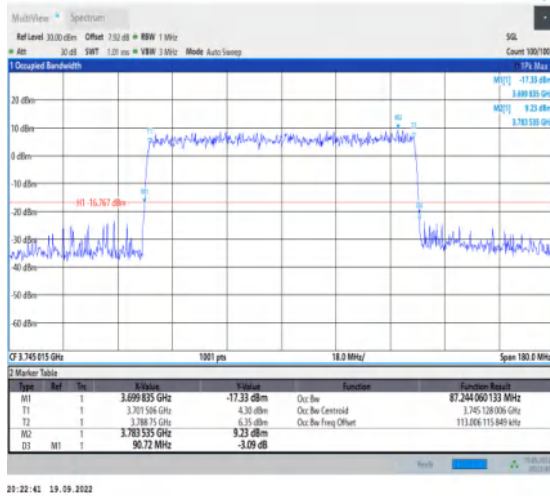
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

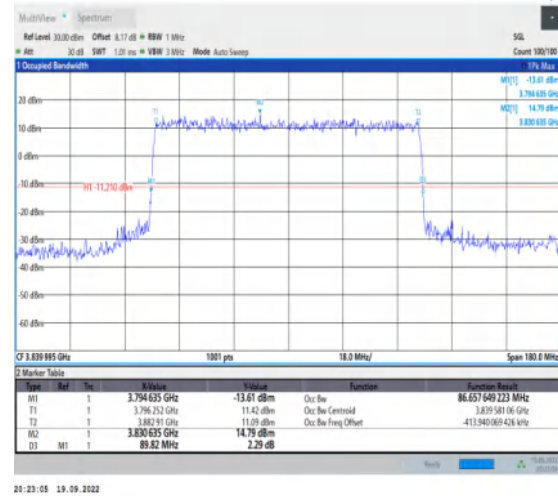
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)



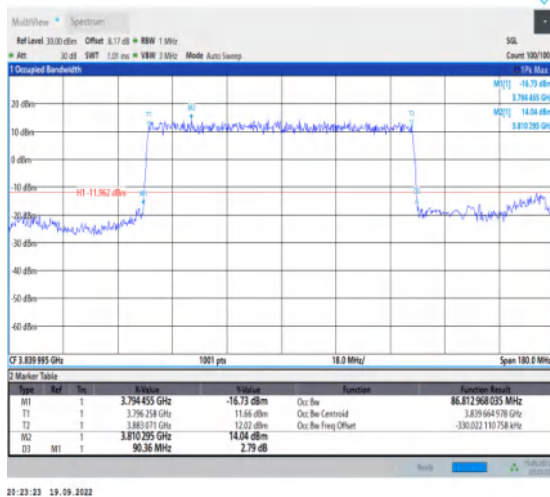
20:22:42 19.09.2022



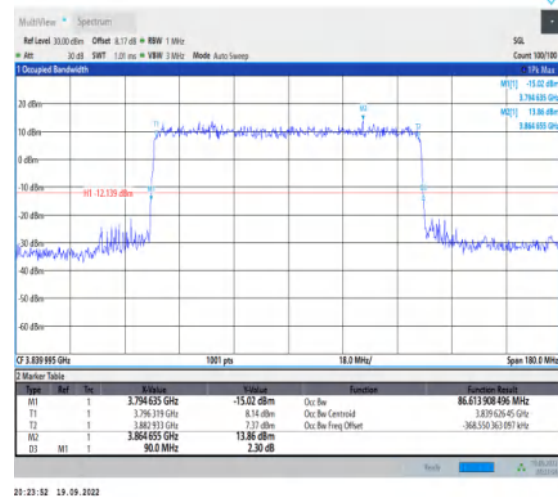
20:23:05 19.09.2022

1-N77-3700-3980--30-90-L-9-CP-256QAM-Outer_Full-245@0-Ant1-87.244-90.720-≤90-PASS

1-N77-3700-3980--30-90-M-1-DFT-QPSK-Outer_Full-243@0-Ant1-86.658-89.820-≤90-PASS



20:23:23 19.09.2022



20:23:52 19.09.2022

1-N77-3700-3980--30-90-M-2-DFT-PI2BPSK-Outer_Full-243@0-Ant1-86.813-90.360-≤90-PASS

1-N77-3700-3980--30-90-M-3-DFT-16QAM-Outer_Full-243@0-Ant1-86.614-90.000-≤90-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胜浦路1号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