

Report No.: SUZR/2022/1002202

Rev.: 01

Page: 1 of 163

Appendix



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

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

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

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

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SC S	Bandwidth h	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N77-3700-3980	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	25.22	25.09	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	25.22	25.09	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Outer_Full	24.69	24.56	30	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Inner_1RB_Left	25.16	25.03	30	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Inner_1RB_Right	25.23	25.1	30	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Outer_Full	24.21	24.08	30	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Inner_1RB_Left	24.21	24.08	30	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Inner_1RB_Right	24.33	24.2	30	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Outer_Full	23.25	23.12	30	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Inner_1RB_Left	22.06	21.93	30	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Inner_1RB_Right	22.14	22.01	30	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Outer_Full	22.78	22.65	30	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Inner_1RB_Left	20.38	20.25	30	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Inner_1RB_Right	20.44	20.31	30	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Outer_Full	20.59	20.46	30	PASS
N77-3700-	30	10	DFT-	M	Inner_1RB_Left	25.51	25.38	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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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

3980			PI2BPSK						
N77-3700-3980	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	25.46	25.33	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	24.97	24.84	30	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Inner_1RB_Left	25.51	25.38	30	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Inner_1RB_Right	25.41	25.28	30	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	24.45	24.32	30	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Inner_1RB_Left	24.46	24.33	30	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Inner_1RB_Right	24.54	24.41	30	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	23.49	23.36	30	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Inner_1RB_Left	22.37	22.24	30	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Inner_1RB_Right	22.45	22.32	30	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	22.96	22.83	30	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Inner_1RB_Left	20.72	20.59	30	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Inner_1RB_Right	20.71	20.58	30	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	20.85	20.72	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	25.79	25.66	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Inner_1RB_Right	25.73	25.6	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Outer_Full	25.23	25.1	30	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Inner_1RB_Left	25.73	25.6	30	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Inner_1RB_Right	25.72	25.59	30	PASS



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

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

South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 4 of 163

3980					ht				
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	24.7	24.57	30	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Inner_1RB_Left	24.78	24.65	30	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Inner_1RB_Rig ht	24.7	24.57	30	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Outer_Full	23.83	23.7	30	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Inner_1RB_Left	22.58	22.45	30	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Inner_1RB_Rig ht	22.63	22.5	30	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Outer_Full	23.32	23.19	30	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Inner_1RB_Left	21.01	20.88	30	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Inner_1RB_Rig ht	21.01	20.88	30	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Outer_Full	21.12	20.99	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Inner_1RB_Left	25.41	25.28	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Inner_1RB_Rig ht	25.34	25.21	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Outer_Full	24.72	24.59	30	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Inner_1RB_Left	25.35	25.22	30	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Inner_1RB_Rig ht	25.31	25.18	30	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	24.29	24.16	30	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Inner_1RB_Left	24.49	24.36	30	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Inner_1RB_Rig ht	24.3	24.17	30	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Outer_Full	23.24	23.11	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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 5 of 163

3980									
N77-3700-3980	30	15	DFT-64QAM	L	Inner_1RB_Left	22.26	22.13	30	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Inner_1RB_Right	22.33	22.2	30	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Outer_Full	22.82	22.69	30	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Inner_1RB_Left	20.67	20.54	30	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Inner_1RB_Right	20.59	20.46	30	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Outer_Full	20.73	20.6	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Inner_1RB_Left	25.69	25.56	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Inner_1RB_Right	25.77	25.64	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	25.21	25.08	30	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Inner_1RB_Left	25.7	25.57	30	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Inner_1RB_Right	25.7	25.57	30	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	24.64	24.51	30	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Inner_1RB_Left	24.63	24.5	30	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Inner_1RB_Right	24.83	24.7	30	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	23.71	23.58	30	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Inner_1RB_Left	22.57	22.44	30	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Inner_1RB_Right	22.72	22.59	30	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	23.11	22.98	30	PASS
N77-3700-	30	15	DFT-	M	Inner_1RB_Left	20.99	20.86	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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 6 of 163

3980			256QAM						
N77-3700-3980	30	15	DFT-256QAM	M	Inner_1RB_Right	20.94	20.81	30	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	21.09	20.96	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Inner_1RB_Left	25.85	25.72	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Inner_1RB_Right	25.88	25.75	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Outer_Full	25.3	25.17	30	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Inner_1RB_Left	25.83	25.7	30	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Inner_1RB_Right	25.85	25.72	30	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	24.82	24.69	30	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Inner_1RB_Left	24.83	24.7	30	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Inner_1RB_Right	24.82	24.69	30	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Outer_Full	23.74	23.61	30	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Inner_1RB_Left	22.67	22.54	30	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Inner_1RB_Right	22.74	22.61	30	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Outer_Full	23.28	23.15	30	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Inner_1RB_Left	21.12	20.99	30	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Inner_1RB_Right	21.2	21.07	30	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Outer_Full	21.32	21.19	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	25.39	25.26	30	PASS
N77-3700-3980	30	20	DFT-	L	Inner_1RB_Right	25.32	25.19	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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 7 of 163

3980			PI2BPSK		ht				
N77-3700-3980	30	20	DFT-PI2BPSK	L	Outer_Full	24.8	24.67	30	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Inner_1RB_Left	25.35	25.22	30	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Inner_1RB_Rig ht	25.28	25.15	30	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	24.29	24.16	30	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Inner_1RB_Left	24.34	24.21	30	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Inner_1RB_Rig ht	24.28	24.15	30	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Outer_Full	23.26	23.13	30	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Inner_1RB_Left	22.42	22.29	30	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Inner_1RB_Rig ht	22.15	22.02	30	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Outer_Full	22.8	22.67	30	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Inner_1RB_Left	20.72	20.59	30	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Inner_1RB_Rig ht	20.6	20.47	30	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Outer_Full	20.77	20.64	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	25.66	25.53	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Inner_1RB_Rig ht	25.78	25.65	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	25.15	25.02	30	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Inner_1RB_Left	25.67	25.54	30	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Inner_1RB_Rig ht	25.69	25.56	30	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	24.65	24.52	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, Parsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区湖胜路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.: SUZR/2022/1002202

Rev.: 01

Page: 8 of 163

3980									
N77-3700-3980	30	20	DFT-16QAM	M	Inner_1RB_Left	24.65	24.52	30	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Inner_1RB_Right	24.74	24.61	30	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	23.65	23.52	30	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Inner_1RB_Left	22.48	22.35	30	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Inner_1RB_Right	22.56	22.43	30	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	23.14	23.01	30	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Inner_1RB_Left	20.95	20.82	30	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Inner_1RB_Right	21.04	20.91	30	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	21.2	21.07	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	25.79	25.66	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	25.83	25.7	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Outer_Full	25.36	25.23	30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Inner_1RB_Left	25.79	25.66	30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Inner_1RB_Right	25.91	25.78	30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	24.78	24.65	30	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Inner_1RB_Left	24.78	24.65	30	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Inner_1RB_Right	24.8	24.67	30	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Outer_Full	23.81	23.68	30	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Inner_1RB_Left	22.54	22.41	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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 9 of 163

3980									
N77-3700-3980	30	20	DFT-64QAM	H	Inner_1RB_Right	22.99	22.86	30	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Outer_Full	23.34	23.21	30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Inner_1RB_Left	21.12	20.99	30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Inner_1RB_Right	21.2	21.07	30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Outer_Full	21.27	21.14	30	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	L	Inner_1RB_Left	25.27	25.14	30	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	L	Inner_1RB_Right	25.23	25.1	30	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	L	Outer_Full	24.71	24.58	30	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Inner_1RB_Left	25.24	25.11	30	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Inner_1RB_Right	25.19	25.06	30	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Outer_Full	24.27	24.14	30	PASS
N77-3700-3980	30	30	DFT-16QAM	L	Inner_1RB_Left	24.33	24.2	30	PASS
N77-3700-3980	30	30	DFT-16QAM	L	Inner_1RB_Right	24.29	24.16	30	PASS
N77-3700-3980	30	30	DFT-16QAM	L	Outer_Full	23.29	23.16	30	PASS
N77-3700-3980	30	30	DFT-64QAM	L	Inner_1RB_Left	22.33	22.2	30	PASS
N77-3700-3980	30	30	DFT-64QAM	L	Inner_1RB_Right	22.36	22.23	30	PASS
N77-3700-3980	30	30	DFT-64QAM	L	Outer_Full	22.81	22.68	30	PASS
N77-3700-3980	30	30	DFT-256QAM	L	Inner_1RB_Left	20.49	20.36	30	PASS
N77-3700-3980	30	30	DFT-	L	Inner_1RB_Right	20.45	20.32	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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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

3980			256QAM		ht				
N77-3700-3980	30	30	DFT-256QAM	L	Outer_Full	20.75	20.62	30	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	M	Inner_1RB_Left	25.76	25.63	30	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	M	Inner_1RB_Rig ht	25.8	25.67	30	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	M	Outer_Full	25.18	25.05	30	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Inner_1RB_Left	25.76	25.63	30	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Inner_1RB_Rig ht	25.74	25.61	30	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	24.78	24.65	30	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Inner_1RB_Left	24.92	24.79	30	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Inner_1RB_Rig ht	24.8	24.67	30	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Outer_Full	23.81	23.68	30	PASS
N77-3700-3980	30	30	DFT-64QAM	M	Inner_1RB_Left	22.89	22.76	30	PASS
N77-3700-3980	30	30	DFT-64QAM	M	Inner_1RB_Rig ht	22.64	22.51	30	PASS
N77-3700-3980	30	30	DFT-64QAM	M	Outer_Full	23.3	23.17	30	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Inner_1RB_Left	21.07	20.94	30	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Inner_1RB_Rig ht	21.03	20.9	30	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Outer_Full	21.24	21.11	30	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	H	Inner_1RB_Left	26.02	25.89	30	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	H	Inner_1RB_Rig ht	26.06	25.93	30	PASS
N77-3700-3980	30	30	DFT-	H	Outer_Full	25.53	25.4	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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 11 of 163

3980			PI2BPSK						
N77-3700-3980	30	30	DFT-QPSK	H	Inner_1RB_Left	26.02	25.89	30	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Inner_1RB_Right	26.02	25.89	30	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Outer_Full	25.01	24.88	30	PASS
N77-3700-3980	30	30	DFT-16QAM	H	Inner_1RB_Left	24.99	24.86	30	PASS
N77-3700-3980	30	30	DFT-16QAM	H	Inner_1RB_Right	25.06	24.93	30	PASS
N77-3700-3980	30	30	DFT-16QAM	H	Outer_Full	23.96	23.83	30	PASS
N77-3700-3980	30	30	DFT-64QAM	H	Inner_1RB_Left	23.1	22.97	30	PASS
N77-3700-3980	30	30	DFT-64QAM	H	Inner_1RB_Right	23.02	22.89	30	PASS
N77-3700-3980	30	30	DFT-64QAM	H	Outer_Full	23.52	23.39	30	PASS
N77-3700-3980	30	30	DFT-256QAM	H	Inner_1RB_Left	21.29	21.16	30	PASS
N77-3700-3980	30	30	DFT-256QAM	H	Inner_1RB_Right	21.26	21.13	30	PASS
N77-3700-3980	30	30	DFT-256QAM	H	Outer_Full	21.47	21.34	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	25.51	25.38	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	25.34	25.21	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Outer_Full	24.92	24.79	30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Inner_1RB_Left	25.49	25.36	30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Inner_1RB_Right	25.32	25.19	30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	24.37	24.24	30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Inner_1RB_Left	24.38	24.25	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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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

3980									
N77-3700-3980	30	40	DFT-16QAM	L	Inner_1RB_Right	24.4	24.27	30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Outer_Full	23.37	23.24	30	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Inner_1RB_Left	22.31	22.18	30	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Inner_1RB_Right	22.38	22.25	30	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Outer_Full	22.82	22.69	30	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Inner_1RB_Left	20.72	20.59	30	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Inner_1RB_Right	20.56	20.43	30	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Outer_Full	20.81	20.68	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	25.92	25.79	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	25.83	25.7	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	25.25	25.12	30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Inner_1RB_Left	25.87	25.74	30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Inner_1RB_Right	25.8	25.67	30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	24.82	24.69	30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Inner_1RB_Left	25.02	24.89	30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Inner_1RB_Right	24.89	24.76	30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	23.81	23.68	30	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Inner_1RB_Left	23.03	22.9	30	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Inner_1RB_Right	22.68	22.55	30	PASS



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

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

South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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

3980					ht				
N77-3700-3980	30	40	DFT-64QAM	M	Outer_Full	23.33	23.2	30	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Inner_1RB_Left	21.15	21.02	30	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Inner_1RB_Rig ht	21.11	20.98	30	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	21.32	21.19	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	26.07	25.94	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Inner_1RB_Rig ht	26.14	26.01	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Outer_Full	25.39	25.26	30	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Inner_1RB_Left	26.03	25.9	30	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Inner_1RB_Rig ht	26.02	25.89	30	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Outer_Full	24.97	24.84	30	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Inner_1RB_Left	25.05	24.92	30	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Inner_1RB_Rig ht	25.02	24.89	30	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Outer_Full	23.95	23.82	30	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Inner_1RB_Left	23	22.87	30	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Inner_1RB_Rig ht	22.94	22.81	30	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Outer_Full	23.49	23.36	30	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Inner_1RB_Left	21.28	21.15	30	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Inner_1RB_Rig ht	21.3	21.17	30	PASS
N77-3700-3980	30	40	DFT-	H	Outer_Full	21.42	21.29	30	PASS



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

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

South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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

3980			256QAM						
N77-3700-3980	30	50	DFT-PI2BPSK	L	Inner_1RB_Left	25.35	25.22	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Inner_1RB_Right	25.07	24.94	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Outer_Full	24.75	24.62	30	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Inner_1RB_Left	25.3	25.17	30	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Inner_1RB_Right	25.05	24.92	30	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Outer_Full	24.27	24.14	30	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Inner_1RB_Left	24.33	24.2	30	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Inner_1RB_Right	24.09	23.96	30	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Outer_Full	23.24	23.11	30	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Inner_1RB_Left	22.17	22.04	30	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Inner_1RB_Right	21.85	21.72	30	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Outer_Full	22.72	22.59	30	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Inner_1RB_Left	20.61	20.48	30	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Inner_1RB_Right	20.31	20.18	30	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Outer_Full	20.6	20.47	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Inner_1RB_Left	25.62	25.49	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Inner_1RB_Right	25.72	25.59	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	25.1	24.97	30	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Inner_1RB_Left	25.59	25.46	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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 15 of 163

3980									
N77-3700-3980	30	50	DFT-QPSK	M	Inner_1RB_Right	25.68	25.55	30	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	24.6	24.47	30	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Inner_1RB_Left	24.76	24.63	30	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Inner_1RB_Right	24.7	24.57	30	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	23.51	23.38	30	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Inner_1RB_Left	22.57	22.44	30	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Inner_1RB_Right	22.53	22.4	30	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	23.03	22.9	30	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Inner_1RB_Left	20.99	20.86	30	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Inner_1RB_Right	20.97	20.84	30	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	21.14	21.01	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Inner_1RB_Left	25.7	25.57	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Inner_1RB_Right	25.74	25.61	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Outer_Full	25.14	25.01	30	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Inner_1RB_Left	25.68	25.55	30	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Inner_1RB_Right	25.67	25.54	30	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Outer_Full	24.67	24.54	30	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Inner_1RB_Left	24.85	24.72	30	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Inner_1RB_Right	24.86	24.73	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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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

3980					ht				
N77-3700-3980	30	50	DFT-16QAM	H	Outer_Full	23.57	23.44	30	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Inner_1RB_Left	22.62	22.49	30	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Inner_1RB_Rig ht	22.6	22.47	30	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Outer_Full	23.12	22.99	30	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Inner_1RB_Left	20.98	20.85	30	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Inner_1RB_Rig ht	20.97	20.84	30	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Outer_Full	21.14	21.01	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Inner_1RB_Left	25.21	25.08	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Inner_1RB_Rig ht	24.95	24.82	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Outer_Full	24.63	24.5	30	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Inner_1RB_Left	25.15	25.02	30	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Inner_1RB_Rig ht	24.96	24.83	30	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Outer_Full	24.09	23.96	30	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Inner_1RB_Left	24.11	23.98	30	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Inner_1RB_Rig ht	24.01	23.88	30	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Outer_Full	23.1	22.97	30	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Inner_1RB_Left	22.17	22.04	30	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Inner_1RB_Rig ht	21.91	21.78	30	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Outer_Full	22.71	22.58	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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 17 of 163

3980									
N77-3700-3980	30	60	DFT-256QAM	L	Inner_1RB_Left	20.46	20.33	30	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Inner_1RB_Right	20.31	20.18	30	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Outer_Full	20.55	20.42	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Inner_1RB_Left	25.58	25.45	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Inner_1RB_Right	25.48	25.35	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	25.04	24.91	30	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Inner_1RB_Left	25.52	25.39	30	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Inner_1RB_Right	25.5	25.37	30	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	24.6	24.47	30	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Inner_1RB_Left	24.68	24.55	30	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Inner_1RB_Right	24.5	24.37	30	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	23.55	23.42	30	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Inner_1RB_Left	22.49	22.36	30	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Inner_1RB_Right	22.38	22.25	30	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	23.1	22.97	30	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Inner_1RB_Left	20.92	20.79	30	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Inner_1RB_Right	20.79	20.66	30	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	21.07	20.94	30	PASS
N77-3700-	30	60	DFT-	H	Inner_1RB_Left	25.67	25.54	30	PASS



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

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

South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 18 of 163

3980			PI2BPSK						
N77-3700-3980	30	60	DFT-PI2BPSK	H	Inner_1RB_Right	25.75	25.62	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Outer_Full	25.24	25.11	30	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Inner_1RB_Left	25.67	25.54	30	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Inner_1RB_Right	25.63	25.5	30	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Outer_Full	24.73	24.6	30	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Inner_1RB_Left	24.72	24.59	30	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Inner_1RB_Right	24.81	24.68	30	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Outer_Full	23.62	23.49	30	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Inner_1RB_Left	22.53	22.4	30	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Inner_1RB_Right	22.7	22.57	30	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Outer_Full	23.17	23.04	30	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Inner_1RB_Left	21	20.87	30	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Inner_1RB_Right	20.96	20.83	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Inner_1RB_Left	25.13	25	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Inner_1RB_Right	24.82	24.69	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Outer_Full	24.46	24.33	30	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Inner_1RB_Left	25.08	24.95	30	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Inner_1RB_Right	24.75	24.62	30	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Outer_Full	23.98	23.85	30	PASS



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

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

South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 19 of 163

3980									
N77-3700-3980	30	70	DFT-16QAM	L	Inner_1RB_Left	24.06	23.93	30	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Inner_1RB_Right	23.85	23.72	30	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Outer_Full	22.97	22.84	30	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Inner_1RB_Left	22.1	21.97	30	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Inner_1RB_Right	21.64	21.51	30	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Outer_Full	22.5	22.37	30	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Inner_1RB_Left	20.26	20.13	30	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Inner_1RB_Right	20.13	20	30	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Outer_Full	20.53	20.4	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Inner_1RB_Left	25.47	25.34	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Inner_1RB_Right	25.19	25.06	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Outer_Full	24.92	24.79	30	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Inner_1RB_Left	25.4	25.27	30	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Inner_1RB_Right	25.23	25.1	30	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	24.47	24.34	30	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Inner_1RB_Left	24.45	24.32	30	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Inner_1RB_Right	24.18	24.05	30	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Outer_Full	23.38	23.25	30	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Inner_1RB_Left	22.46	22.33	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-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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 20 of 163

3980									
N77-3700-3980	30	70	DFT-64QAM	M	Inner_1RB_Right	22.15	22.02	30	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Outer_Full	22.97	22.84	30	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Inner_1RB_Left	20.75	20.62	30	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Inner_1RB_Right	20.48	20.35	30	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Outer_Full	20.95	20.82	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Inner_1RB_Left	25.5	25.37	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Inner_1RB_Right	25.64	25.51	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Outer_Full	24.97	24.84	30	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Inner_1RB_Left	25.42	25.29	30	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Inner_1RB_Right	25.57	25.44	30	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Outer_Full	24.47	24.34	30	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Inner_1RB_Left	24.45	24.32	30	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Inner_1RB_Right	24.63	24.5	30	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Outer_Full	23.45	23.32	30	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Inner_1RB_Left	22.35	22.22	30	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Inner_1RB_Right	22.5	22.37	30	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Outer_Full	23.02	22.89	30	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Inner_1RB_Left	20.72	20.59	30	PASS
N77-3700-3980	30	70	DFT-	H	Inner_1RB_Right	20.9	20.77	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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 21 of 163

3980			256QAM		ht				
N77-3700-3980	30	70	DFT-256QAM	H	Outer_Full	20.99	20.86	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Inner_1RB_Left	24.96	24.83	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Inner_1RB_Rig ht	24.81	24.68	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Outer_Full	24.47	24.34	30	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Inner_1RB_Left	24.9	24.77	30	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Inner_1RB_Rig ht	24.77	24.64	30	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Outer_Full	23.98	23.85	30	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Inner_1RB_Left	23.98	23.85	30	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Inner_1RB_Rig ht	23.8	23.67	30	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Outer_Full	23.03	22.9	30	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Inner_1RB_Left	22.1	21.97	30	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Inner_1RB_Rig ht	21.71	21.58	30	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Outer_Full	22.49	22.36	30	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Inner_1RB_Left	20.29	20.16	30	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Inner_1RB_Rig ht	20.07	19.94	30	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Outer_Full	20.45	20.32	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Inner_1RB_Left	25.41	25.28	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Inner_1RB_Rig ht	25.15	25.02	30	PASS
N77-3700-3980	30	80	DFT-	M	Outer_Full	24.9	24.77	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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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

3980			PI2BPSK						
N77-3700-3980	30	80	DFT-QPSK	M	Inner_1RB_Left	25.37	25.24	30	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Inner_1RB_Right	25.19	25.06	30	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	24.41	24.28	30	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Inner_1RB_Left	24.37	24.24	30	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Inner_1RB_Right	24.09	23.96	30	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	23.39	23.26	30	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Inner_1RB_Left	22.44	22.31	30	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Inner_1RB_Right	22.12	21.99	30	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	22.87	22.74	30	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Inner_1RB_Left	20.75	20.62	30	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Inner_1RB_Right	20.42	20.29	30	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	20.85	20.72	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Inner_1RB_Left	25.24	25.11	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Inner_1RB_Right	25.57	25.44	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Outer_Full	24.94	24.81	30	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Inner_1RB_Left	25.25	25.12	30	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Inner_1RB_Right	25.54	25.41	30	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Outer_Full	24.38	24.25	30	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Inner_1RB_Left	24.36	24.23	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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 23 of 163

3980									
N77-3700-3980	30	80	DFT-16QAM	H	Inner_1RB_Right	24.7	24.57	30	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Outer_Full	23.46	23.33	30	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Inner_1RB_Left	22.2	22.07	30	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Inner_1RB_Right	22.5	22.37	30	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Outer_Full	22.92	22.79	30	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Inner_1RB_Left	20.53	20.4	30	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Inner_1RB_Right	20.85	20.72	30	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Outer_Full	20.96	20.83	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Inner_1RB_Left	25.15	25.02	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Inner_1RB_Right	24.76	24.63	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Outer_Full	24.35	24.22	30	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Inner_1RB_Left	25.04	24.91	30	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Inner_1RB_Right	24.67	24.54	30	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Outer_Full	23.97	23.84	30	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Inner_1RB_Left	24.12	23.99	30	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Inner_1RB_Right	23.89	23.76	30	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Outer_Full	22.87	22.74	30	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Inner_1RB_Left	22.01	21.88	30	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Inner_1RB_Right	21.68	21.55	30	PASS



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

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

South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 24 of 163

3980					ht				
N77-3700-3980	30	90	DFT-64QAM	L	Outer_Full	22.43	22.3	30	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Inner_1RB_Left	20.32	20.19	30	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Inner_1RB_Rig ht	20.04	19.91	30	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Outer_Full	20.4	20.27	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Inner_1RB_Left	25.38	25.25	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Inner_1RB_Rig ht	25.15	25.02	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	24.85	24.72	30	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Inner_1RB_Left	25.33	25.2	30	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Inner_1RB_Rig ht	25.11	24.98	30	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	24.35	24.22	30	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Inner_1RB_Left	24.47	24.34	30	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Inner_1RB_Rig ht	24.28	24.15	30	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	23.37	23.24	30	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Inner_1RB_Left	22.37	22.24	30	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Inner_1RB_Rig ht	22.15	22.02	30	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Outer_Full	22.88	22.75	30	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Inner_1RB_Left	20.64	20.51	30	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Inner_1RB_Rig ht	20.48	20.35	30	PASS
N77-3700-3980	30	90	DFT-	M	Outer_Full	20.91	20.78	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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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

3980			256QAM						
N77-3700-3980	30	90	DFT-PI2BPSK	H	Inner_1RB_Left	25.11	24.98	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Inner_1RB_Right	25.61	25.48	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Outer_Full	24.9	24.77	30	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Inner_1RB_Left	25.01	24.88	30	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Inner_1RB_Right	25.58	25.45	30	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Outer_Full	24.42	24.29	30	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Inner_1RB_Left	24.19	24.06	30	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Inner_1RB_Right	24.69	24.56	30	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Outer_Full	23.41	23.28	30	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Inner_1RB_Left	22.01	21.88	30	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Inner_1RB_Right	22.62	22.49	30	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Outer_Full	22.91	22.78	30	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Inner_1RB_Left	20.42	20.29	30	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Inner_1RB_Right	20.83	20.7	30	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Outer_Full	20.89	20.76	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	24.98	24.85	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	24.81	24.68	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Outer_Full	24.42	24.29	30	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Left	24.96	24.83	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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 26 of 163

3980									
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Right	24.75	24.62	30	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	23.89	23.76	30	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Left	24.1	23.97	30	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Right	23.89	23.76	30	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Outer_Full	22.94	22.81	30	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Left	21.99	21.86	30	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Right	21.78	21.65	30	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Outer_Full	22.45	22.32	30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Left	20.3	20.17	30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Right	20.02	19.89	30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	20.5	20.37	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	25.34	25.21	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	25.24	25.11	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	24.89	24.76	30	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Left	25.32	25.19	30	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Right	25.17	25.04	30	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	24.37	24.24	30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Left	24.38	24.25	30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Right	24.21	24.08	30	PASS



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

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

South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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

3980					ht				
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	23.38	23.25	30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Left	22.35	22.22	30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Rig ht	22.15	22.02	30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	22.85	22.72	30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Left	20.66	20.53	30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Rig ht	20.57	20.44	30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	20.89	20.76	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	25.06	24.93	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Rig ht	25.71	25.58	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	24.94	24.81	30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Left	25.12	24.99	30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Rig ht	25.68	25.55	30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	24.42	24.29	30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Left	24.12	23.99	30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Rig ht	24.76	24.63	30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	23.43	23.3	30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Left	21.99	21.86	30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Rig ht	22.65	22.52	30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	22.92	22.79	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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 28 of 163

3980									
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Left	20.38	20.25	30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Right	21	20.87	30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	20.92	20.79	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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 29 of 163

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	19.4%	7.12	2.82	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	19.4%	7.12	3.10	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	19.4%	7.12	2.64	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	19.4%	7.12	3.02	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	19.4%	7.12	2.04	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	19.4%	7.12	3.17	≤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-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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

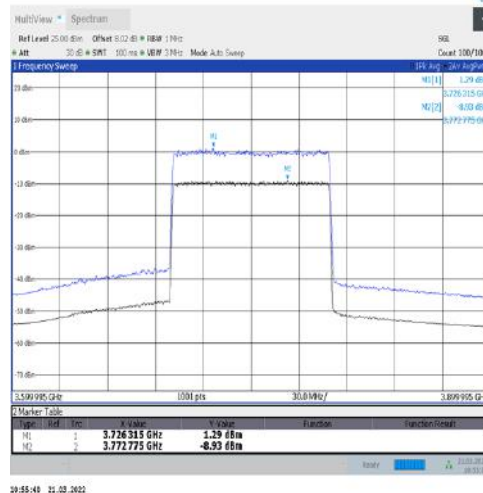
Rev.: 01

Page: 30 of 163

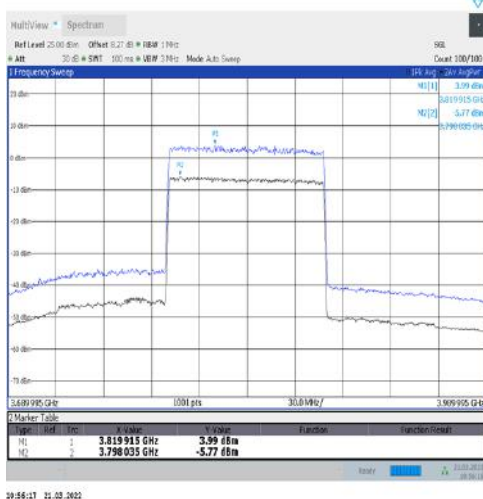
Test Graphs



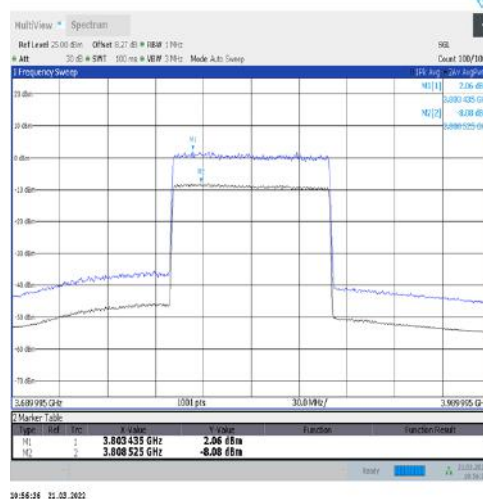
1-N77-3700-3980-30-100-L-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.94-19.4%-7.12-2.82-PASS-≤13



1-N77-3700-3980-30-100-L-2-CP-256QAM-Outer_Full-273@0-Ant1-10.22-19.4%-7.12-3.10-PASS-≤13



1-N77-3700-3980-30-100-M-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.76-19.4%-7.12-2.64-PASS-≤13



1-N77-3700-3980-30-100-M-2-CP-256QAM-Outer_Full-273@0-Ant1-10.14-19.4%-7.12-3.02-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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国 (江苏) 自由贸易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

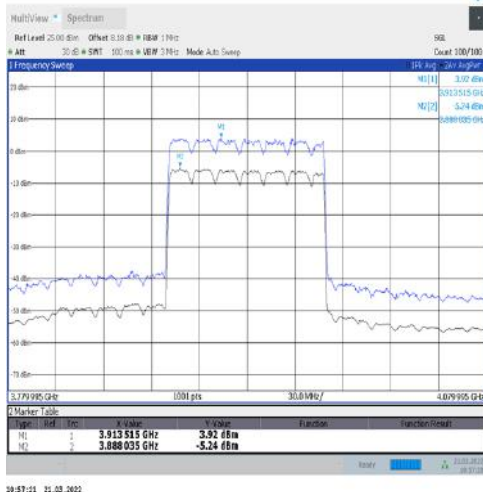
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

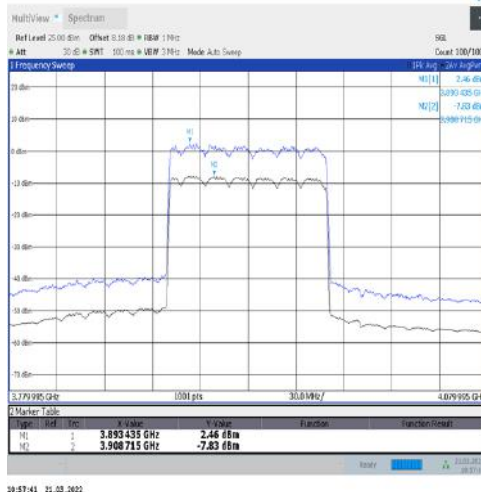
Report No.: SUZR/2022/1002202

Rev.: 01

Page: 31 of 163



1-N77-3700-3980-30-100-H-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.16-19.4%-7.12-2.04-PASS-≤13



1-N77-3700-3980-30-100-H-2-CP-256QAM-Outer_Full-273@0-Ant1-10.29-19.4%-7.12-3.17-PASS-≤13



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

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

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

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

Rev.: 01

Page: 32 of 163

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



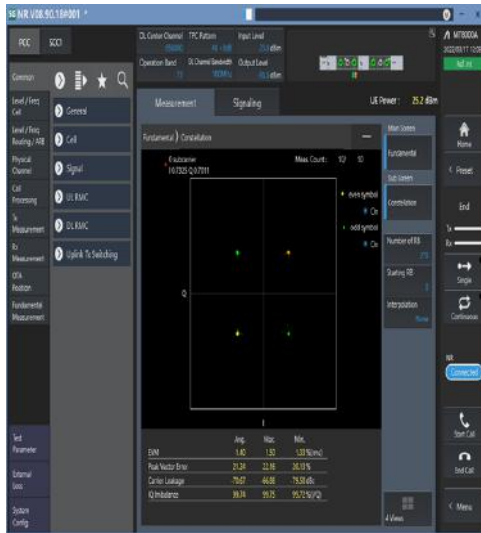
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

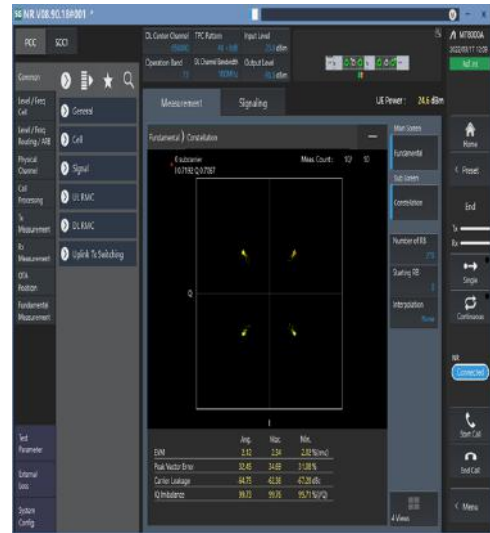
South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号6号厂房南楼 邮编: 215000

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

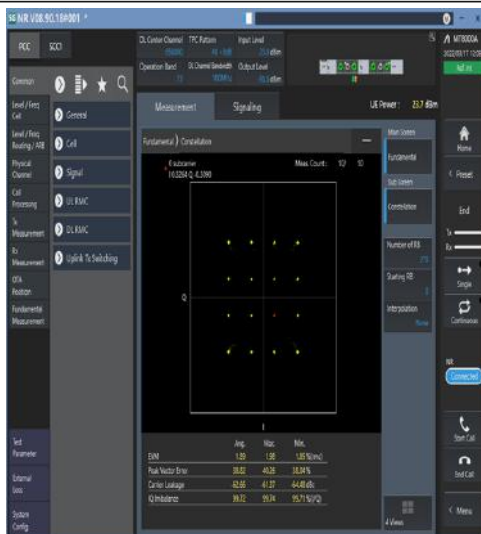
Test Graphs



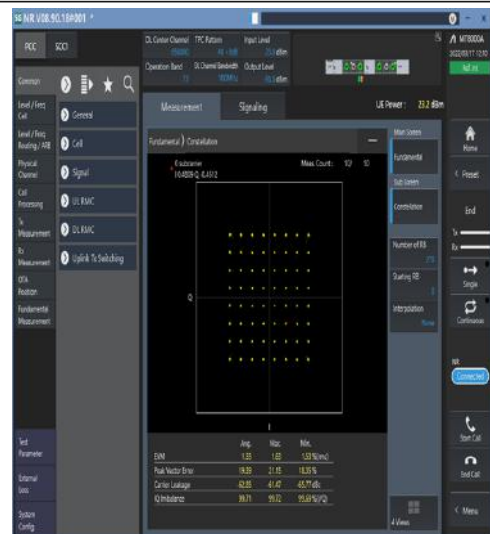
1-N77-3700-3980-30-100-M-1-DFT-PI2BPSK-
Outer_Full-270@0-Ant1-see graph-PASS



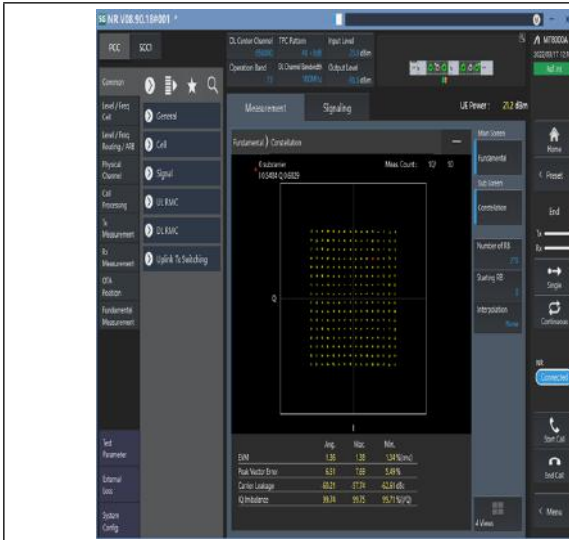
1-N77-3700-3980-30-100-M-2-DFT-QPSK-
Outer_Full-270@0-Ant1-see graph-PASS



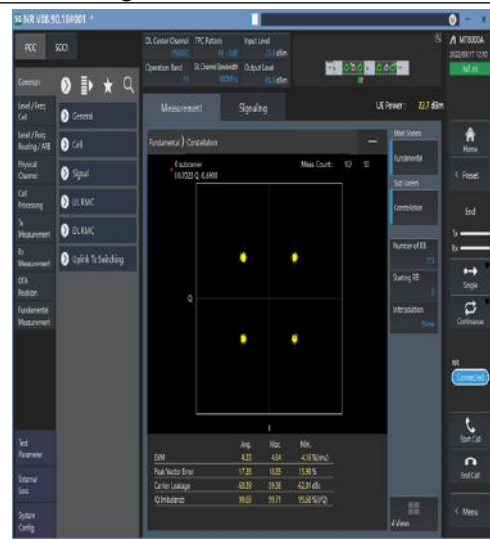
1-N77-3700-3980-30-100-M-3-DFT-16QAM-
Outer_Full-270@0-Ant1-see graph-PASS



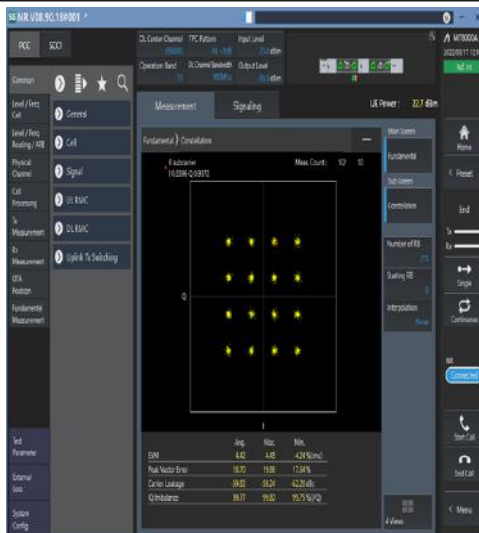
1-N77-3700-3980-30-100-M-4-DFT-64QAM-
Outer_Full-270@0-Ant1-see graph-PASS



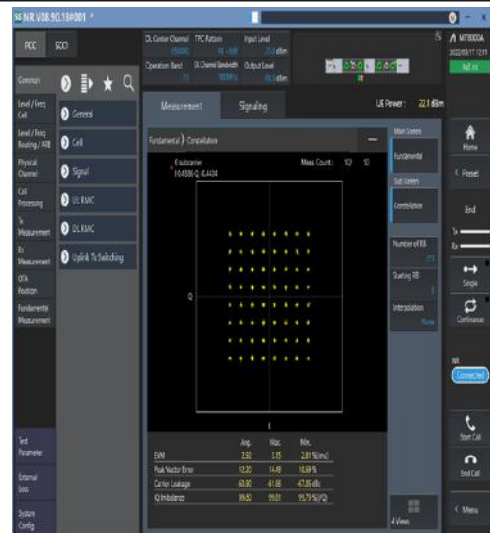
1-N77-3700-3980-30-100-M-5-DFT-256QAM-Outer_Full-270@0-Ant1-see graph-PASS



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



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

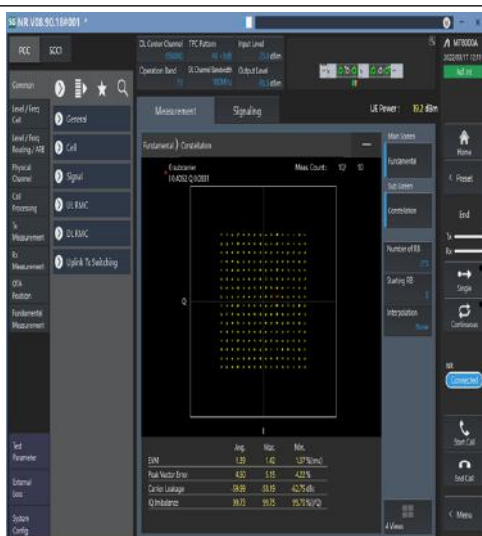


1-N77-3700-3980-30-100-M-8-CP-64QAM-Outer_Full-273@0-Ant1-see graph-PASS

Report No.: SUZR/2022/1002202

Rev.: 01

Page: 35 of 163



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



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

For more information or to request a copy of the testing/inspection report & certificate, please contact us at telephone: (66-755) 8307 1443, or email: CN.Dochterick@sgs.com.

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

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

Report No.: SUZR/2022/1002202

Rev.: 01

Page: 36 of 163

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	8.618	9.720	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Outer_Full	8.582	9.500	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Outer_Full	8.593	9.880	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Outer_Full	8.599	9.900	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Outer_Full	8.587	9.920	PASS
N77-3700-3980	30	10	CP-QPSK	L	Outer_Full	8.61	9.980	PASS
N77-3700-3980	30	10	CP-16QAM	L	Outer_Full	8.584	9.820	PASS
N77-3700-3980	30	10	CP-64QAM	L	Outer_Full	8.624	10.020	PASS
N77-3700-3980	30	10	CP-256QAM	L	Outer_Full	8.594	9.900	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	8.6	9.620	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	8.576	9.620	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	8.635	10.060	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	8.577	9.780	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	8.581	9.600	PASS
N77-3700-3980	30	10	CP-QPSK	M	Outer_Full	8.6	9.880	PASS
N77-3700-3980	30	10	CP-16QAM	M	Outer_Full	8.606	10.080	PASS
N77-3700-3980	30	10	CP-64QAM	M	Outer_Full	8.625	9.880	PASS
N77-3700-3980	30	10	CP-256QAM	M	Outer_Full	8.582	9.720	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	8.59	9.780	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Outer_Full	8.58	9.600	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Outer_Full	8.603	9.860	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Outer_Full	8.59	9.800	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Outer_Full	8.602	9.900	PASS
N77-3700-3980	30	10	CP-QPSK	H	Outer_Full	8.644	9.940	PASS
N77-3700-3980	30	10	CP-16QAM	H	Outer_Full	8.604	10.080	PASS
N77-3700-3980	30	10	CP-64QAM	H	Outer_Full	8.627	10.160	PASS
N77-3700-3980	30	10	CP-256QAM	H	Outer_Full	8.568	9.520	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	12.918	14.490	PASS
N77-3700-3980	30	15	DFT-	L	Outer_Full	12.946	14.670	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> 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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 37 of 163

			PI2BPSK					
N77-3700-3980	30	15	DFT-16QAM	L	Outer_Full	12.917	14.370	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Outer_Full	12.893	14.310	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Outer_Full	12.874	14.400	PASS
N77-3700-3980	30	15	CP-QPSK	L	Outer_Full	13.582	15.240	PASS
N77-3700-3980	30	15	CP-16QAM	L	Outer_Full	13.595	15.300	PASS
N77-3700-3980	30	15	CP-64QAM	L	Outer_Full	13.652	15.210	PASS
N77-3700-3980	30	15	CP-256QAM	L	Outer_Full	13.592	15.270	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	12.923	14.550	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	12.946	14.550	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	12.925	14.730	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	12.909	14.520	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	12.865	14.310	PASS
N77-3700-3980	30	15	CP-QPSK	M	Outer_Full	13.589	15.090	PASS
N77-3700-3980	30	15	CP-16QAM	M	Outer_Full	13.609	15.360	PASS
N77-3700-3980	30	15	CP-64QAM	M	Outer_Full	13.668	15.330	PASS
N77-3700-3980	30	15	CP-256QAM	M	Outer_Full	13.612	15.330	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	12.914	14.490	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Outer_Full	12.932	14.460	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Outer_Full	12.91	14.430	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Outer_Full	12.901	14.310	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Outer_Full	12.872	14.430	PASS
N77-3700-3980	30	15	CP-QPSK	H	Outer_Full	13.59	15.360	PASS
N77-3700-3980	30	15	CP-16QAM	H	Outer_Full	13.605	15.210	PASS
N77-3700-3980	30	15	CP-64QAM	H	Outer_Full	13.644	15.180	PASS
N77-3700-3980	30	15	CP-256QAM	H	Outer_Full	13.587	15.120	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	17.888	19.360	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Outer_Full	17.873	19.520	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Outer_Full	17.885	19.480	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Outer_Full	17.88	19.480	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Outer_Full	17.837	19.280	PASS
N77-3700-3980	30	20	CP-QPSK	L	Outer_Full	18.179	19.800	PASS
N77-3700-3980	30	20	CP-16QAM	L	Outer_Full	18.222	20.000	PASS
N77-3700-3980	30	20	CP-64QAM	L	Outer_Full	18.211	19.840	PASS
N77-3700-3980	30	20	CP-256QAM	L	Outer_Full	18.25	19.920	PASS



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

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

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

Report No.: SUZR/2022/1002202

Rev.: 01

Page: 38 of 163

N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	17.854	19.480	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	17.857	19.520	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	17.873	19.200	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	17.891	19.520	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	17.868	19.480	PASS
N77-3700-3980	30	20	CP-QPSK	M	Outer_Full	18.185	19.840	PASS
N77-3700-3980	30	20	CP-16QAM	M	Outer_Full	18.205	19.760	PASS
N77-3700-3980	30	20	CP-64QAM	M	Outer_Full	18.199	19.880	PASS
N77-3700-3980	30	20	CP-256QAM	M	Outer_Full	18.229	19.760	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	17.872	19.440	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Outer_Full	17.844	19.520	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Outer_Full	17.883	19.760	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Outer_Full	17.871	19.320	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Outer_Full	17.849	19.400	PASS
N77-3700-3980	30	20	CP-QPSK	H	Outer_Full	18.183	20.080	PASS
N77-3700-3980	30	20	CP-16QAM	H	Outer_Full	18.212	19.760	PASS
N77-3700-3980	30	20	CP-64QAM	H	Outer_Full	18.239	20.080	PASS
N77-3700-3980	30	20	CP-256QAM	H	Outer_Full	18.226	19.760	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Outer_Full	26.803	28.860	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	L	Outer_Full	26.839	28.860	PASS
N77-3700-3980	30	30	DFT-16QAM	L	Outer_Full	26.84	28.740	PASS
N77-3700-3980	30	30	DFT-64QAM	L	Outer_Full	26.818	28.740	PASS
N77-3700-3980	30	30	DFT-256QAM	L	Outer_Full	26.839	28.800	PASS
N77-3700-3980	30	30	CP-QPSK	L	Outer_Full	27.83	29.940	PASS
N77-3700-3980	30	30	CP-16QAM	L	Outer_Full	27.861	29.820	PASS
N77-3700-3980	30	30	CP-64QAM	L	Outer_Full	27.833	29.640	PASS
N77-3700-3980	30	30	CP-256QAM	L	Outer_Full	27.843	29.640	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	26.796	28.920	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	M	Outer_Full	26.819	28.860	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Outer_Full	26.84	28.740	PASS
N77-3700-3980	30	30	DFT-64QAM	M	Outer_Full	26.822	28.740	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Outer_Full	26.847	28.800	PASS
N77-3700-3980	30	30	CP-QPSK	M	Outer_Full	27.838	29.880	PASS
N77-3700-3980	30	30	CP-16QAM	M	Outer_Full	27.867	29.880	PASS



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

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

South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 39 of 163

N77-3700-3980	30	30	CP-64QAM	M	Outer_Full	27.841	29.940	PASS
N77-3700-3980	30	30	CP-256QAM	M	Outer_Full	27.837	29.520	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Outer_Full	26.798	28.920	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	H	Outer_Full	26.808	28.860	PASS
N77-3700-3980	30	30	DFT-16QAM	H	Outer_Full	26.846	28.740	PASS
N77-3700-3980	30	30	DFT-64QAM	H	Outer_Full	26.816	28.740	PASS
N77-3700-3980	30	30	DFT-256QAM	H	Outer_Full	26.843	28.800	PASS
N77-3700-3980	30	30	CP-QPSK	H	Outer_Full	27.833	29.880	PASS
N77-3700-3980	30	30	CP-16QAM	H	Outer_Full	27.853	29.820	PASS
N77-3700-3980	30	30	CP-64QAM	H	Outer_Full	27.831	29.700	PASS
N77-3700-3980	30	30	CP-256QAM	H	Outer_Full	27.836	29.520	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	35.704	38.240	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Outer_Full	35.761	38.000	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Outer_Full	35.748	38.240	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Outer_Full	35.851	38.000	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Outer_Full	35.712	37.920	PASS
N77-3700-3980	30	40	CP-QPSK	L	Outer_Full	37.875	40.320	PASS
N77-3700-3980	30	40	CP-16QAM	L	Outer_Full	37.88	40.400	PASS
N77-3700-3980	30	40	CP-64QAM	L	Outer_Full	37.847	40.400	PASS
N77-3700-3980	30	40	CP-256QAM	L	Outer_Full	37.841	40.000	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	35.724	38.160	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	35.755	38.160	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	35.735	38.240	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Outer_Full	35.867	38.320	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	35.733	38.160	PASS
N77-3700-3980	30	40	CP-QPSK	M	Outer_Full	37.886	40.240	PASS
N77-3700-3980	30	40	CP-16QAM	M	Outer_Full	37.863	40.480	PASS
N77-3700-3980	30	40	CP-64QAM	M	Outer_Full	37.856	40.400	PASS
N77-3700-3980	30	40	CP-256QAM	M	Outer_Full	37.866	40.240	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Outer_Full	35.724	38.160	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Outer_Full	35.762	38.080	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Outer_Full	35.69	38.160	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Outer_Full	35.844	38.160	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Outer_Full	35.715	38.000	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained 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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 40 of 163

N77-3700-3980	30	40	CP-QPSK	H	Outer_Full	37.869	40.320	PASS
N77-3700-3980	30	40	CP-16QAM	H	Outer_Full	37.846	40.320	PASS
N77-3700-3980	30	40	CP-64QAM	H	Outer_Full	37.829	40.400	PASS
N77-3700-3980	30	40	CP-256QAM	H	Outer_Full	37.871	40.480	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Outer_Full	45.775	48.300	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Outer_Full	45.688	48.000	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Outer_Full	45.678	48.000	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Outer_Full	45.705	48.200	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Outer_Full	45.7	48.100	PASS
N77-3700-3980	30	50	CP-QPSK	L	Outer_Full	47.43	50.100	PASS
N77-3700-3980	30	50	CP-16QAM	L	Outer_Full	47.429	49.800	PASS
N77-3700-3980	30	50	CP-64QAM	L	Outer_Full	47.415	50.000	PASS
N77-3700-3980	30	50	CP-256QAM	L	Outer_Full	47.35	49.800	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	45.752	48.300	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	45.685	48.000	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	45.682	48.100	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	45.739	48.200	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	45.711	48.200	PASS
N77-3700-3980	30	50	CP-QPSK	M	Outer_Full	47.401	50.000	PASS
N77-3700-3980	30	50	CP-16QAM	M	Outer_Full	47.424	50.100	PASS
N77-3700-3980	30	50	CP-64QAM	M	Outer_Full	47.428	50.300	PASS
N77-3700-3980	30	50	CP-256QAM	M	Outer_Full	47.385	50.000	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Outer_Full	45.761	48.100	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Outer_Full	45.67	48.100	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Outer_Full	45.68	48.000	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Outer_Full	45.711	48.100	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Outer_Full	45.695	48.100	PASS
N77-3700-3980	30	50	CP-QPSK	H	Outer_Full	47.452	50.100	PASS
N77-3700-3980	30	50	CP-16QAM	H	Outer_Full	47.423	50.000	PASS
N77-3700-3980	30	50	CP-64QAM	H	Outer_Full	47.432	50.100	PASS
N77-3700-3980	30	50	CP-256QAM	H	Outer_Full	47.389	49.800	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Outer_Full	57.844	60.480	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Outer_Full	57.892	60.360	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Outer_Full	57.922	60.360	PASS



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

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

South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 41 of 163

N77-3700-3980	30	60	DFT-64QAM	L	Outer_Full	57.931	60.600	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Outer_Full	57.954	60.480	PASS
N77-3700-3980	30	60	CP-QPSK	L	Outer_Full	57.773	60.480	PASS
N77-3700-3980	30	60	CP-16QAM	L	Outer_Full	57.852	60.480	PASS
N77-3700-3980	30	60	CP-64QAM	L	Outer_Full	57.75	60.360	PASS
N77-3700-3980	30	60	CP-256QAM	L	Outer_Full	57.767	60.240	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	57.796	60.360	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	57.835	60.360	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	57.954	60.360	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	57.915	60.480	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	57.958	60.480	PASS
N77-3700-3980	30	60	CP-QPSK	M	Outer_Full	57.813	60.480	PASS
N77-3700-3980	30	60	CP-16QAM	M	Outer_Full	57.867	60.480	PASS
N77-3700-3980	30	60	CP-64QAM	M	Outer_Full	57.779	60.600	PASS
N77-3700-3980	30	60	CP-256QAM	M	Outer_Full	57.784	60.360	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Outer_Full	57.791	60.480	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Outer_Full	57.856	60.480	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Outer_Full	57.944	60.360	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Outer_Full	57.913	60.600	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Outer_Full	57.964	60.480	PASS
N77-3700-3980	30	60	CP-QPSK	H	Outer_Full	57.795	60.480	PASS
N77-3700-3980	30	60	CP-16QAM	H	Outer_Full	57.845	60.480	PASS
N77-3700-3980	30	60	CP-64QAM	H	Outer_Full	57.793	60.600	PASS
N77-3700-3980	30	60	CP-256QAM	H	Outer_Full	57.813	60.480	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Outer_Full	64.279	66.920	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Outer_Full	64.236	67.200	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Outer_Full	64.204	66.780	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Outer_Full	64.3	66.920	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Outer_Full	64.303	66.920	PASS
N77-3700-3980	30	70	CP-QPSK	L	Outer_Full	67.585	70.140	PASS
N77-3700-3980	30	70	CP-16QAM	L	Outer_Full	67.456	70.140	PASS
N77-3700-3980	30	70	CP-64QAM	L	Outer_Full	67.35	70.140	PASS
N77-3700-3980	30	70	CP-256QAM	L	Outer_Full	67.439	70.140	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	64.246	66.780	PASS
N77-3700-3980	30	70	DFT-	M	Outer_Full	64.327	67.200	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 42 of 163

			PI2BPSK					
N77-3700-3980	30	70	DFT-16QAM	M	Outer_Full	64.193	66.920	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Outer_Full	64.277	66.920	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Outer_Full	64.33	67.060	PASS
N77-3700-3980	30	70	CP-QPSK	M	Outer_Full	67.541	70.280	PASS
N77-3700-3980	30	70	CP-16QAM	M	Outer_Full	67.443	70.280	PASS
N77-3700-3980	30	70	CP-64QAM	M	Outer_Full	67.336	70.140	PASS
N77-3700-3980	30	70	CP-256QAM	M	Outer_Full	67.521	70.140	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Outer_Full	64.154	67.060	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Outer_Full	64.251	67.200	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Outer_Full	64.253	66.920	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Outer_Full	64.301	67.060	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Outer_Full	64.333	67.060	PASS
N77-3700-3980	30	70	CP-QPSK	H	Outer_Full	67.572	70.280	PASS
N77-3700-3980	30	70	CP-16QAM	H	Outer_Full	67.465	70.280	PASS
N77-3700-3980	30	70	CP-64QAM	H	Outer_Full	67.345	70.140	PASS
N77-3700-3980	30	70	CP-256QAM	H	Outer_Full	67.52	70.140	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Outer_Full	77.218	80.960	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Outer_Full	77.224	80.960	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Outer_Full	77.263	80.800	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Outer_Full	77.167	80.640	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Outer_Full	77.202	80.640	PASS
N77-3700-3980	30	80	CP-QPSK	L	Outer_Full	77.647	81.120	PASS
N77-3700-3980	30	80	CP-16QAM	L	Outer_Full	77.657	81.280	PASS
N77-3700-3980	30	80	CP-64QAM	L	Outer_Full	77.424	81.120	PASS
N77-3700-3980	30	80	CP-256QAM	L	Outer_Full	77.446	81.120	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	77.207	80.800	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Outer_Full	77.223	80.960	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	77.264	80.960	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	77.159	80.480	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	77.177	80.640	PASS
N77-3700-3980	30	80	CP-QPSK	M	Outer_Full	77.661	81.120	PASS
N77-3700-3980	30	80	CP-16QAM	M	Outer_Full	77.55	81.280	PASS
N77-3700-3980	30	80	CP-64QAM	M	Outer_Full	77.371	81.280	PASS
N77-3700-3980	30	80	CP-256QAM	M	Outer_Full	77.461	81.120	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained 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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·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8号厂房南楼 邮编: 215000

t (86-512) 62982980 www.sgs.com.cn
t (86-512) 62982980 sgs.china@sgs.com

Report No.: SUZR/2022/1002202

Rev.: 01

Page: 43 of 163

N77-3700-3980	30	80	DFT-QPSK	H	Outer_Full	77.237	80.800	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Outer_Full	77.281	80.800	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Outer_Full	77.266	80.800	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Outer_Full	77.128	80.960	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Outer_Full	77.21	80.800	PASS
N77-3700-3980	30	80	CP-QPSK	H	Outer_Full	77.678	80.960	PASS
N77-3700-3980	30	80	CP-16QAM	H	Outer_Full	77.613	81.120	PASS
N77-3700-3980	30	80	CP-64QAM	H	Outer_Full	77.389	81.120	PASS
N77-3700-3980	30	80	CP-256QAM	H	Outer_Full	77.471	81.120	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Outer_Full	85.567	89.460	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Outer_Full	85.629	89.460	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Outer_Full	85.656	89.460	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Outer_Full	85.775	89.640	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Outer_Full	85.573	89.460	PASS
N77-3700-3980	30	90	CP-QPSK	L	Outer_Full	87.431	91.080	PASS
N77-3700-3980	30	90	CP-16QAM	L	Outer_Full	87.394	91.260	PASS
N77-3700-3980	30	90	CP-64QAM	L	Outer_Full	87.441	91.080	PASS
N77-3700-3980	30	90	CP-256QAM	L	Outer_Full	87.33	91.260	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	85.542	89.460	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	85.668	89.460	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	85.583	89.280	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Outer_Full	85.786	89.640	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Outer_Full	85.54	89.460	PASS
N77-3700-3980	30	90	CP-QPSK	M	Outer_Full	87.401	90.900	PASS
N77-3700-3980	30	90	CP-16QAM	M	Outer_Full	87.342	91.080	PASS
N77-3700-3980	30	90	CP-64QAM	M	Outer_Full	87.471	91.080	PASS
N77-3700-3980	30	90	CP-256QAM	M	Outer_Full	87.256	91.080	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Outer_Full	85.577	89.460	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Outer_Full	85.699	89.460	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Outer_Full	85.667	89.460	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Outer_Full	85.787	89.640	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Outer_Full	85.566	89.280	PASS
N77-3700-3980	30	90	CP-QPSK	H	Outer_Full	87.398	91.080	PASS
N77-3700-3980	30	90	CP-16QAM	H	Outer_Full	87.351	91.260	PASS



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

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

South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 44 of 163

N77-3700-3980	30	90	CP-64QAM	H	Outer_Full	87.476	91.260	PASS
N77-3700-3980	30	90	CP-256QAM	H	Outer_Full	87.292	91.260	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	96.266	100.200	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Outer_Full	96.34	100.200	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Outer_Full	96.212	100.400	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Outer_Full	96.243	100.400	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	96.403	100.200	PASS
N77-3700-3980	30	100	CP-QPSK	L	Outer_Full	97.373	101.200	PASS
N77-3700-3980	30	100	CP-16QAM	L	Outer_Full	97.488	101.400	PASS
N77-3700-3980	30	100	CP-64QAM	L	Outer_Full	97.506	101.600	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	97.38	101.200	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	96.214	100.400	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	96.298	100.400	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	96.167	100.600	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	96.215	100.200	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	96.366	100.400	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	97.327	101.200	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	97.501	101.400	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	97.442	101.200	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	97.3	101.200	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	96.23	100.200	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	96.315	100.400	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	96.216	100.400	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	96.22	100.200	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	96.439	100.400	PASS
N77-3700-3980	30	100	CP-QPSK	H	Outer_Full	97.349	101.200	PASS
N77-3700-3980	30	100	CP-16QAM	H	Outer_Full	97.502	101.400	PASS
N77-3700-3980	30	100	CP-64QAM	H	Outer_Full	97.434	101.600	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	97.339	101.200	PASS



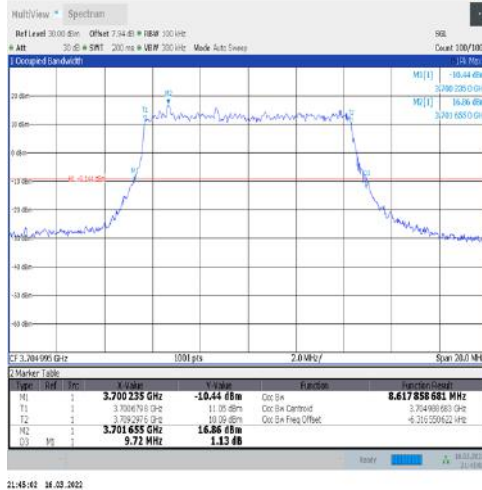
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

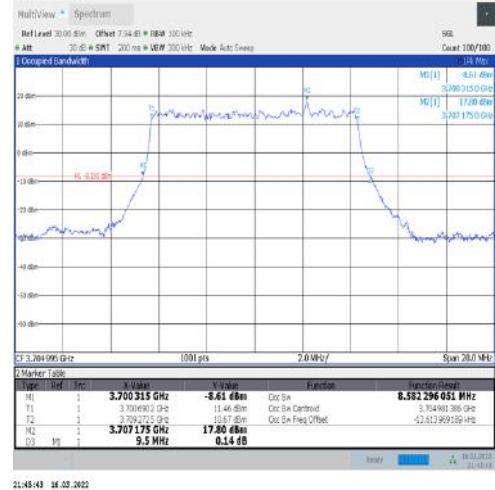
South of No. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
 中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编：215000

t (86-512) 62982980 www.sgs.com.cn
 t (86-512) 62982980 sgs.china@sgs.com

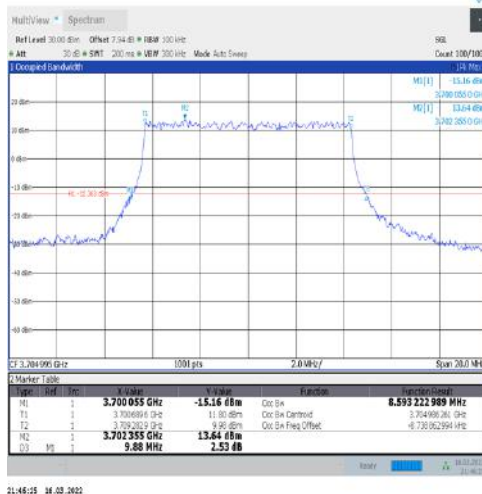
Test Graphs



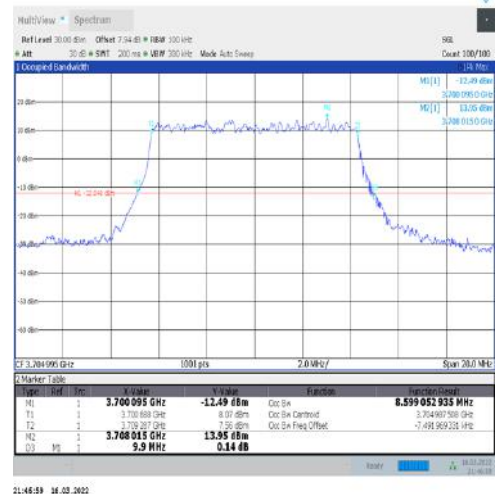
1-N77-3700-3980-30-10-L-1-DFT-QPSK-Outer_Full-24@0-Ant1-8.618-9.720-≤10-PASS



1-N77-3700-3980-30-10-L-2-DFT-PI2BPSK-Outer_Full-24@0-Ant1-8.582-9.500-≤10-PASS



1-N77-3700-3980-30-10-L-3-DFT-16QAM-Outer_Full-24@0-Ant1-8.593-9.880-≤10-PASS



1-N77-3700-3980-30-10-L-4-DFT-64QAM-Outer_Full-24@0-Ant1-8.599-9.900-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·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号厂房南楼 邮编：215000

t (86-512) 62982980 www.sgs.com.cn
t (86-512) 62982980 sgs.china@sgs.com

Report No.: SUZR/2022/1002202

Rev.: 01

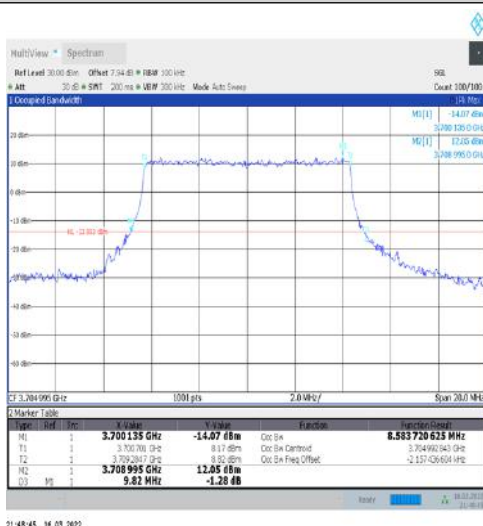
Page: 46 of 163



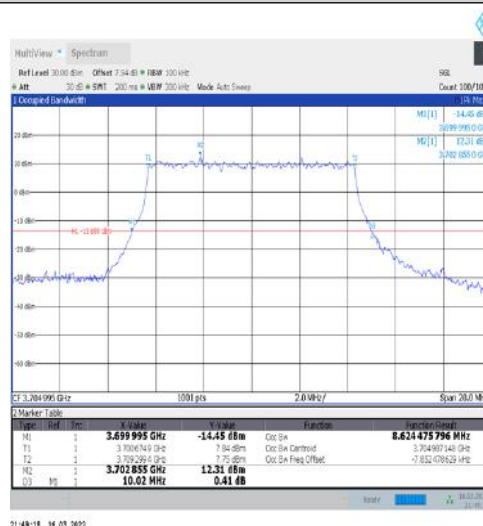
1-N77-3700-3980-30-10-L-5-DFT-256QAM-Outer_Full-24@0-Ant1-8.587-9.920-≤10-PASS



1-N77-3700-3980-30-10-L-6-CP-QPSK-Outer_Full-24@0-Ant1-8.61-9.980-≤10-PASS



1-N77-3700-3980-30-10-L-7-CP-16QAM-Outer_Full-24@0-Ant1-8.584-9.820-≤10-PASS



1-N77-3700-3980-30-10-L-8-CP-64QAM-Outer_Full-24@0-Ant1-8.624-10.020-≤10-PASS



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

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

South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易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

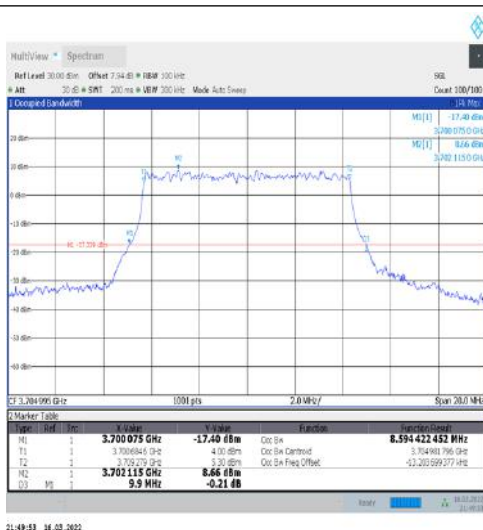
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

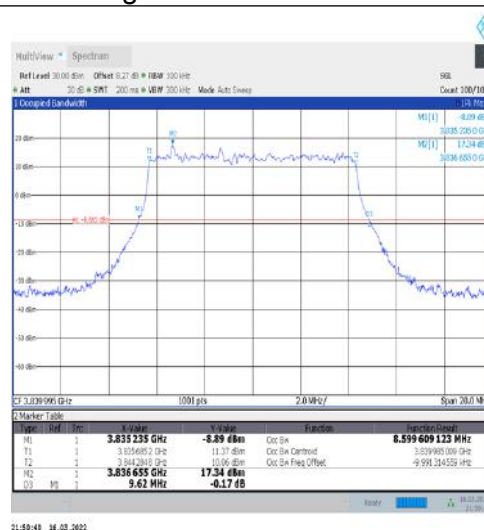
Report No.: SUZR/2022/1002202

Rev.: 01

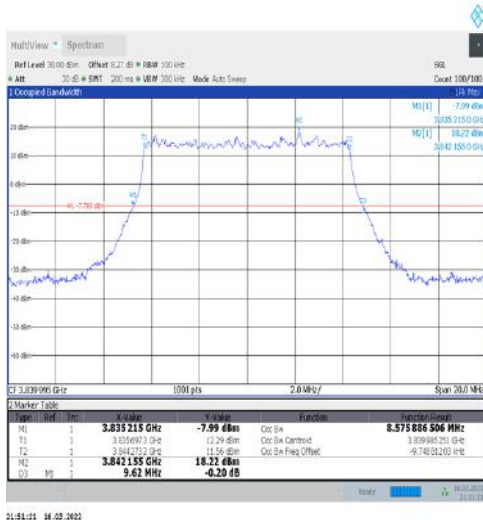
Page: 47 of 163



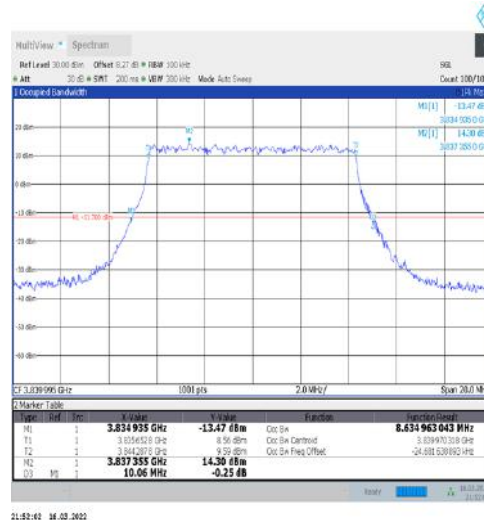
1-N77-3700-3980-30-10-L-9-CP-256QAM-Outer_Full-24@0-Ant1-8.594-9.900-≤10-PASS



1-N77-3700-3980-30-10-M-1-DFT-QPSK-Outer_Full-24@0-Ant1-8.6-9.620-≤10-PASS



1-N77-3700-3980-30-10-M-2-DFT-PI2BPSK-Outer_Full-24@0-Ant1-8.576-9.620-≤10-PASS



1-N77-3700-3980-30-10-M-3-DFT-16QAM-Outer_Full-24@0-Ant1-8.635-10.060-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 48 of 163



1-N77-3700-3980-30-10-M-4-DFT-64QAM-Outer_Full-24@0-Ant1-8.577-9.780-≤10-PASS



1-N77-3700-3980-30-10-M-5-DFT-256QAM-Outer_Full-24@0-Ant1-8.581-9.600-≤10-PASS



1-N77-3700-3980-30-10-M-6-CP-QPSK-Outer_Full-24@0-Ant1-8.6-9.880-≤10-PASS



1-N77-3700-3980-30-10-M-7-CP-16QAM-Outer_Full-24@0-Ant1-8.606-10.080-≤10-PASS



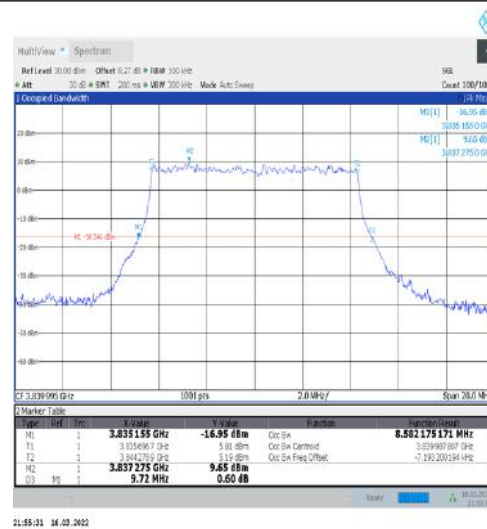
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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

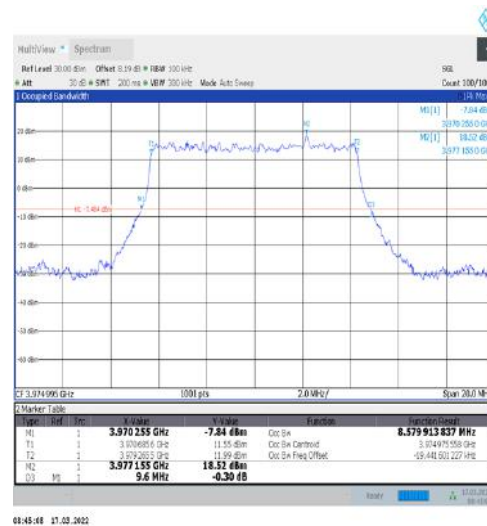
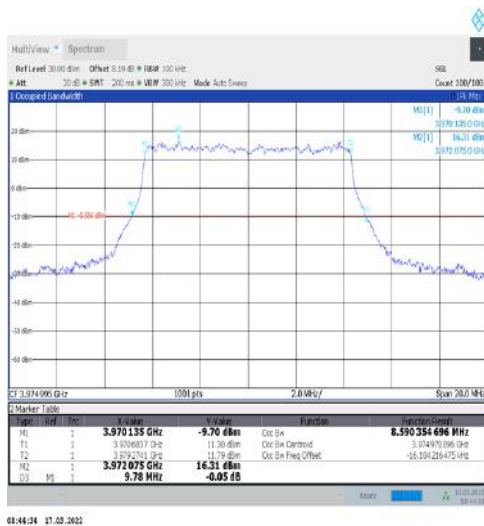
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



1-N77-3700-3980-30-10-M-8-CP-64QAM-Outer_Full-24@0-Ant1-8.625-9.880-≤10-PASS

1-N77-3700-3980-30-10-M-9-CP-256QAM-Outer_Full-24@0-Ant1-8.582-9.720-≤10-PASS



1-N77-3700-3980-30-10-H-1-DFT-QPSK-Outer_Full-24@0-Ant1-8.59-9.780-≤10-PASS

1-N77-3700-3980-30-10-H-2-DFT-P12BPSK-Outer_Full-24@0-Ant1-8.58-9.600-≤10-PASS



Report No.: SUZR/2022/1002202

Rev.: 01

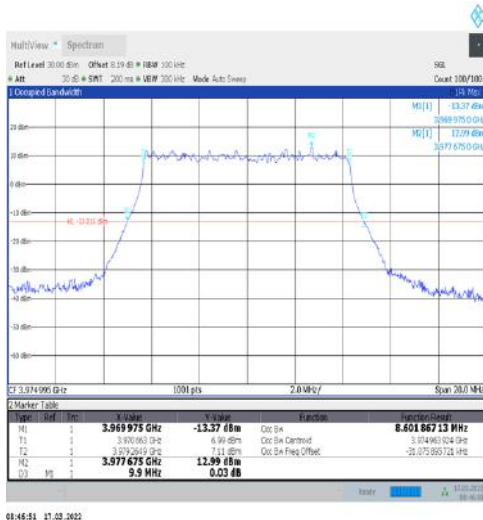
Page: 50 of 163



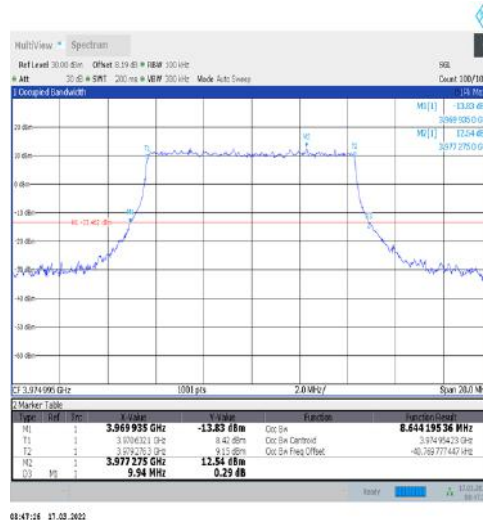
1-N77-3700-3980-30-10-H-3-DFT-16QAM-Outer_Full-24@0-Ant1-8.603-9.860≤10-PASS



1-N77-3700-3980-30-10-H-4-DFT-64QAM-Outer_Full-24@0-Ant1-8.59-9.800≤10-PASS



1-N77-3700-3980-30-10-H-5-DFT-256QAM-Outer_Full-24@0-Ant1-8.602-9.900≤10-PASS



1-N77-3700-3980-30-10-H-6-CP-QPSK-Outer_Full-24@0-Ant1-8.644-9.940≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn

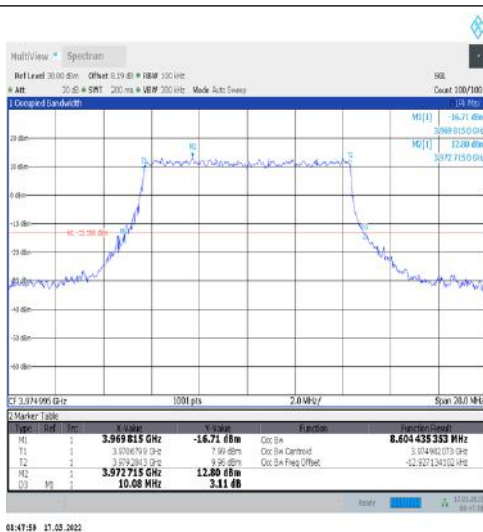
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

Rev.: 01

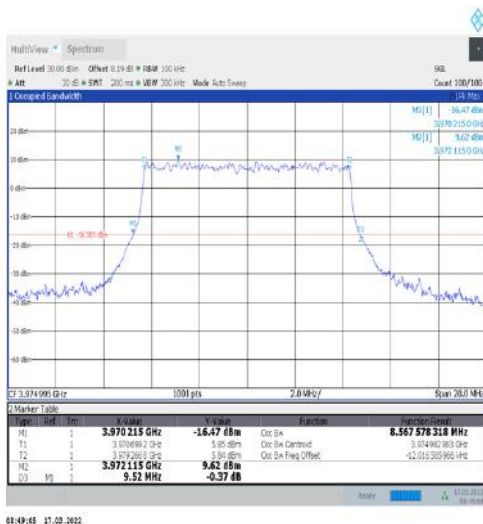
Page: 51 of 163



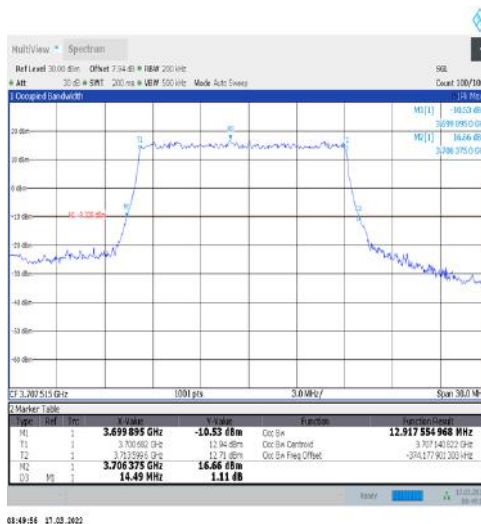
1-N77-3700-3980-30-10-H-7-CP-16QAM-Outer_Full-24@0-Ant1-8.604-10.080-≤10-PASS



1-N77-3700-3980-30-10-H-8-CP-64QAM-Outer_Full-24@0-Ant1-8.627-10.160-≤10-PASS



1-N77-3700-3980-30-10-H-9-CP-256QAM-Outer_Full-24@0-Ant1-8.568-9.520-≤10-PASS



1-N77-3700-3980-30-15-L-1-DFT-QPSK-Outer_Full-36@0-Ant1-12.918-14.490-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 52 of 163



1-N77-3700-3980-30-15-L-2-DFT-PI2BPSK-Outer_Full-36@0-Ant1-12.946-14.670-≤15-PASS



1-N77-3700-3980-30-15-L-3-DFT-16QAM-Outer_Full-36@0-Ant1-12.917-14.370-≤15-PASS



1-N77-3700-3980-30-15-L-4-DFT-64QAM-Outer_Full-36@0-Ant1-12.893-14.310-≤15-PASS



1-N77-3700-3980-30-15-L-5-DFT-256QAM-Outer_Full-36@0-Ant1-12.874-14.400-≤15-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易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

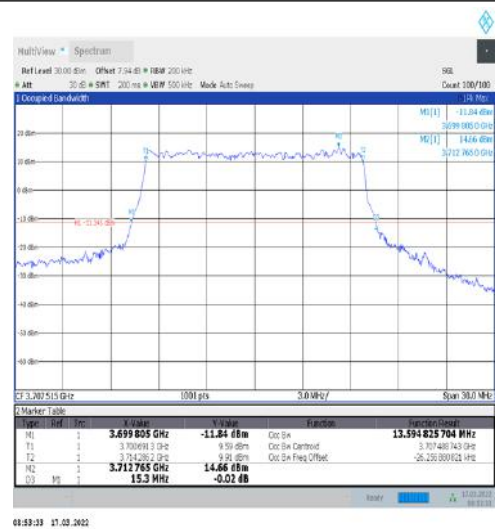
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

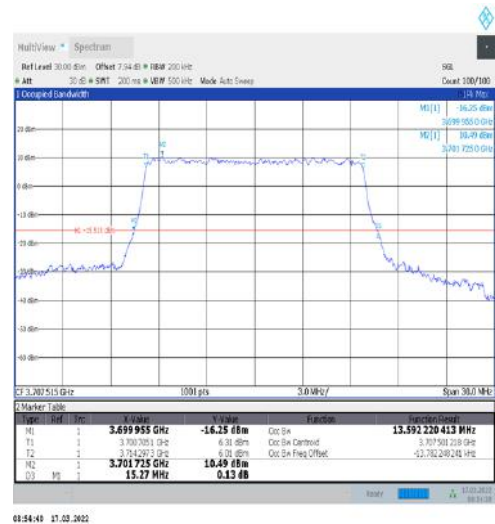
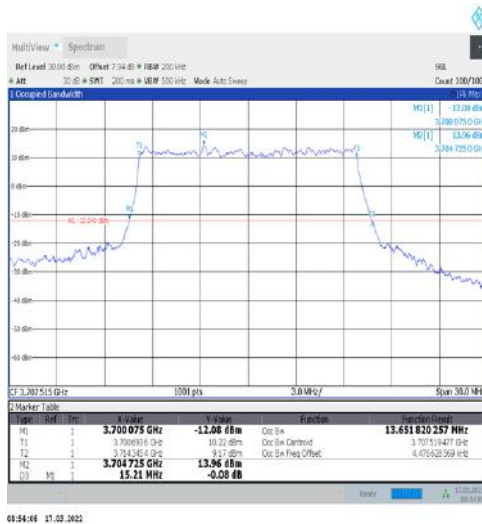
Rev.: 01

Page: 53 of 163



1-N77-3700-3980-30-15-L-6-CP-QPSK-Outer_Full-38@0-Ant1-13.582-15.240-≤15-PASS

1-N77-3700-3980-30-15-L-7-CP-16QAM-Outer_Full-38@0-Ant1-13.595-15.300-≤15-PASS



1-N77-3700-3980-30-15-L-8-CP-64QAM-Outer_Full-38@0-Ant1-13.652-15.210-≤15-PASS

1-N77-3700-3980-30-15-L-9-CP-256QAM-Outer_Full-38@0-Ant1-13.592-15.270-≤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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南端 邮编: 215000

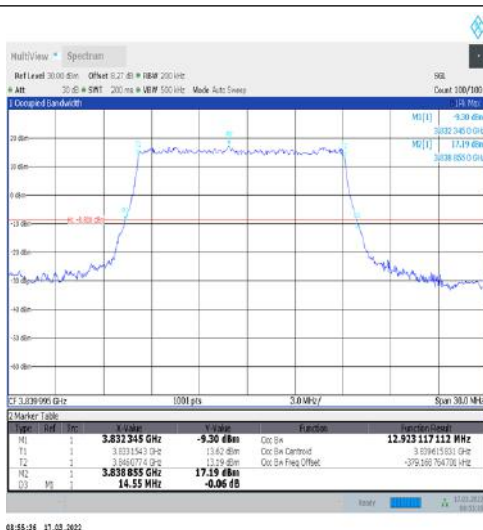
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

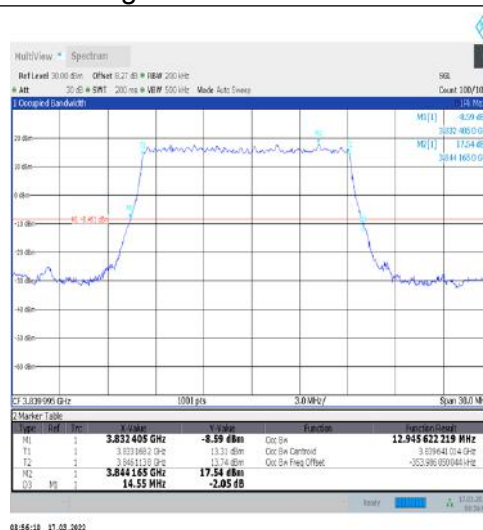
Report No.: SUZR/2022/1002202

Rev.: 01

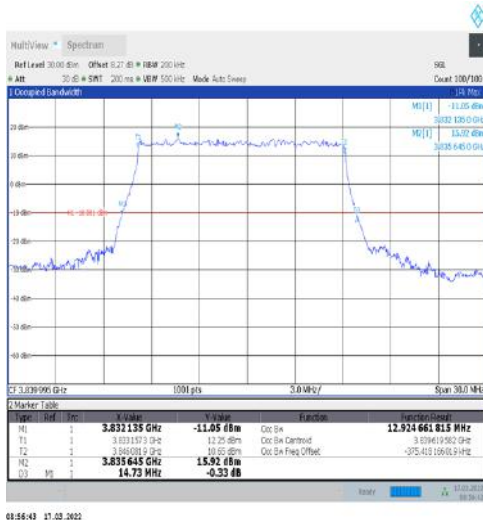
Page: 54 of 163



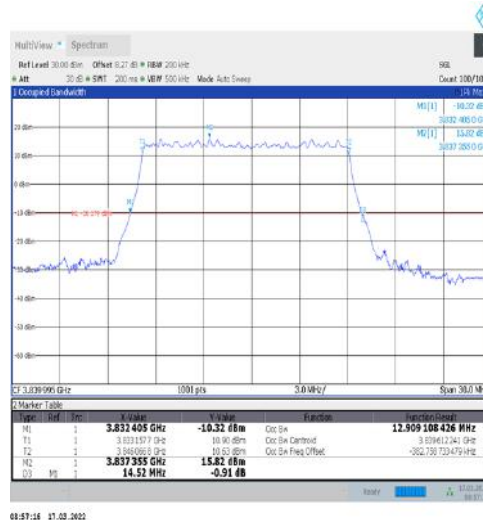
1-N77-3700-3980-30-15-M-1-DFT-QPSK-Outer_Full-36@0-Ant1-12.923-14.550-≤15-PASS



1-N77-3700-3980-30-15-M-2-DFT-PI2BPSK-Outer_Full-36@0-Ant1-12.946-14.550-≤15-PASS



1-N77-3700-3980-30-15-M-3-DFT-16QAM-Outer_Full-36@0-Ant1-12.925-14.730-≤15-PASS



1-N77-3700-3980-30-15-M-4-DFT-64QAM-Outer_Full-36@0-Ant1-12.909-14.520-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易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

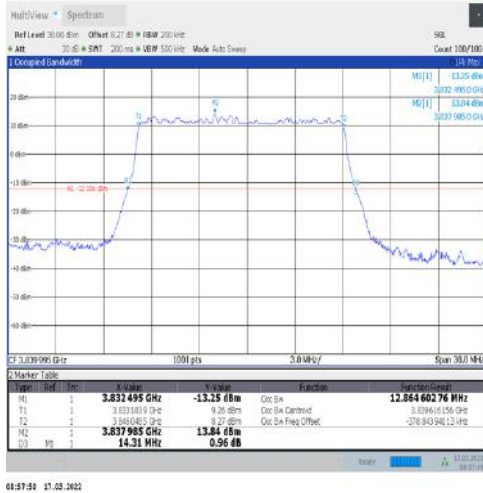
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

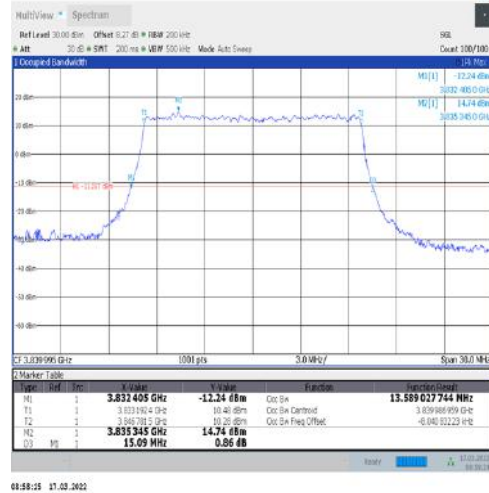
Report No.: SUZR/2022/1002202

Rev.: 01

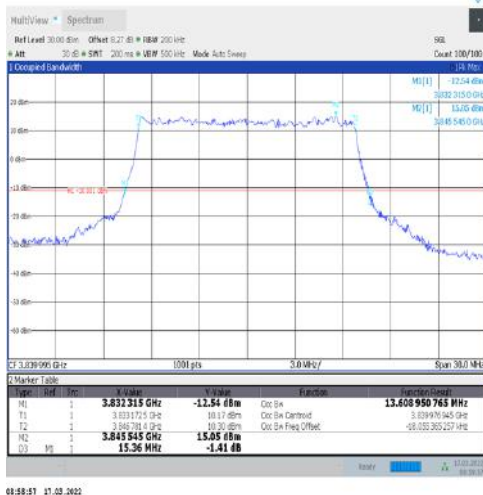
Page: 55 of 163



1-N77-3700-3980-30-15-M-5-DFT-256QAM-Outer_Full-36@0-Ant1-12.865-14.310-≤15-PASS



1-N77-3700-3980-30-15-M-6-CP-QPSK-Outer_Full-38@0-Ant1-13.589-15.090-≤15-PASS



1-N77-3700-3980-30-15-M-7-CP-16QAM-Outer_Full-38@0-Ant1-13.609-15.360-≤15-PASS



1-N77-3700-3980-30-15-M-8-CP-64QAM-Outer_Full-38@0-Ant1-13.668-15.330-≤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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易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

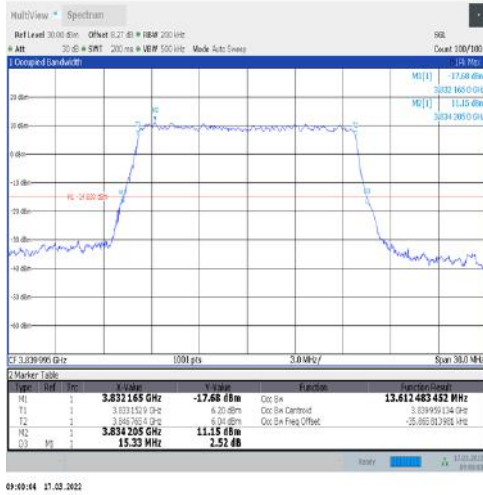
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

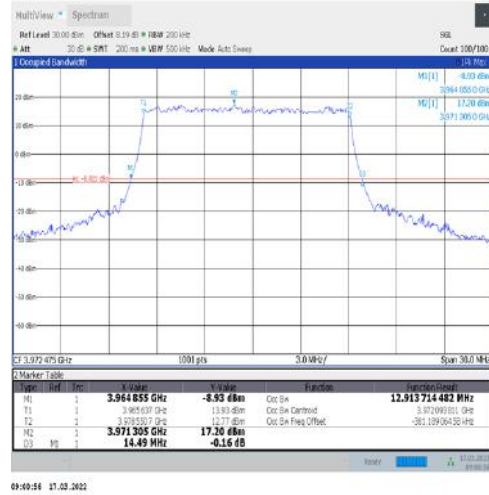
Report No.: SUZR/2022/1002202

Rev.: 01

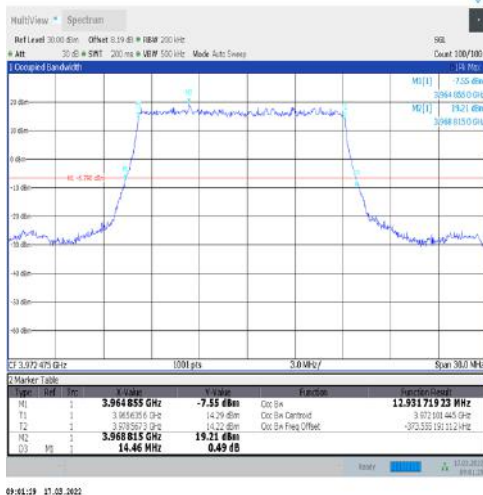
Page: 56 of 163



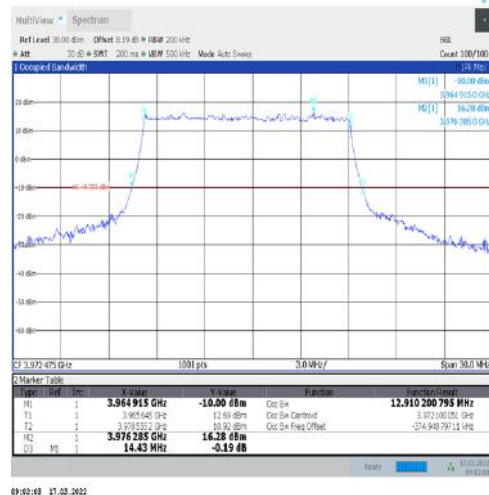
1-N77-3700-3980-30-15-M-9-CP-256QAM-Outer_Full-38@0-Ant1-13.612-15.330-≤15-PASS



1-N77-3700-3980-30-15-H-1-DFT-QPSK-Outer_Full-36@0-Ant1-12.914-14.490-≤15-PASS



1-N77-3700-3980-30-15-H-2-DFT-PI2BPSK-Outer_Full-36@0-Ant1-12.932-14.460-≤15-PASS



1-N77-3700-3980-30-15-H-3-DFT-16QAM-Outer_Full-36@0-Ant1-12.91-14.430-≤15-PASS



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

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

South of No. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易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

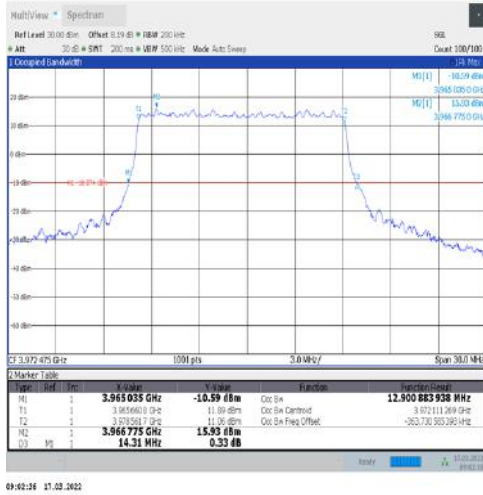
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

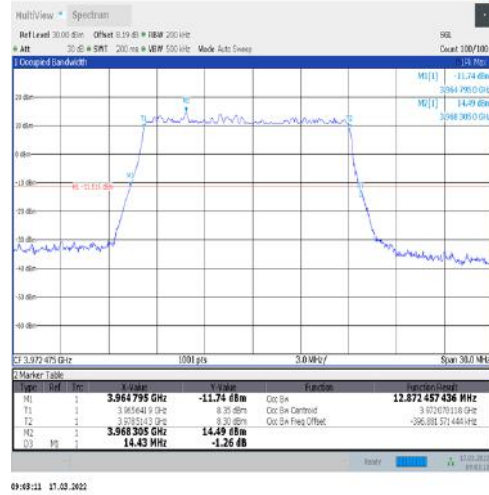
Report No.: SUZR/2022/1002202

Rev.: 01

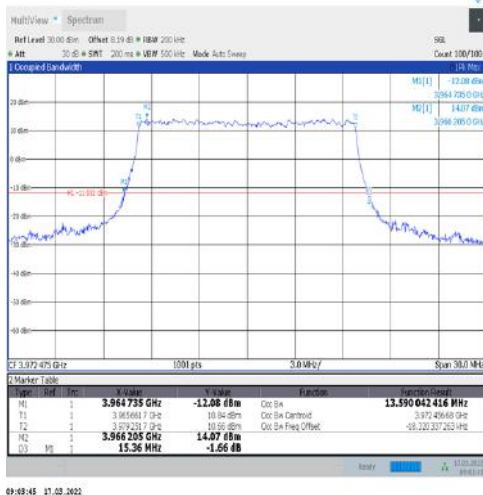
Page: 57 of 163



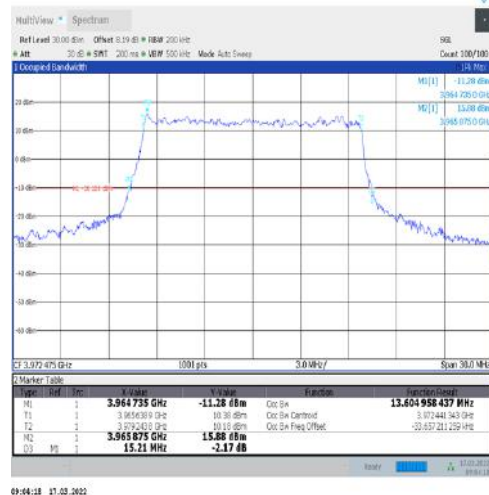
1-N77-3700-3980-30-15-H-4-DFT-64QAM-Outer_Full-36@0-Ant1-12.901-14.310-≤15-PASS



1-N77-3700-3980-30-15-H-5-DFT-256QAM-Outer_Full-36@0-Ant1-12.872-14.430-≤15-PASS



1-N77-3700-3980-30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant1-13.59-15.360-≤15-PASS



1-N77-3700-3980-30-15-H-7-CP-16QAM-Outer_Full-38@0-Ant1-13.605-15.210-≤15-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

中国·苏州·中国（江苏）自由贸易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.: SUZR/2022/1002202

Rev.: 01

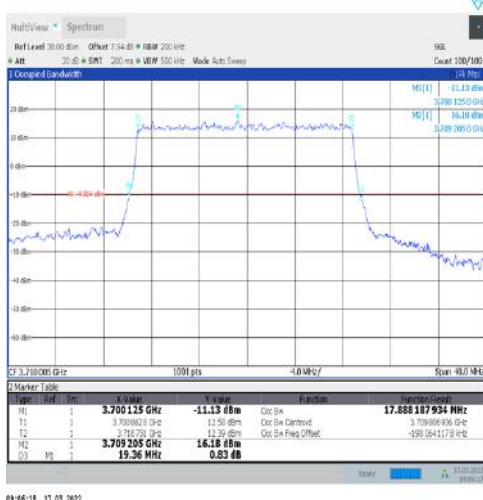
Page: 58 of 163



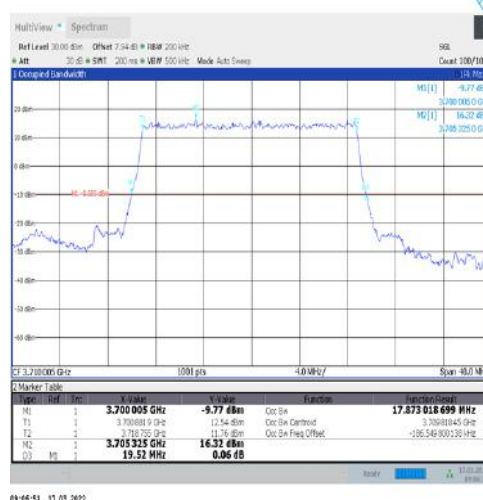
1-N77-3700-3980-30-15-H-8-CP-64QAM-Outer_Full-38@0-Ant1-13.644-15.180-≤15-PASS



1-N77-3700-3980-30-15-H-9-CP-256QAM-Outer_Full-38@0-Ant1-13.587-15.120-≤15-PASS



1-N77-3700-3980-30-20-L-1-DFT-QPSK-Outer_Full-50@0-Ant1-17.888-19.360-≤20-PASS



1-N77-3700-3980-30-20-L-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-17.873-19.520-≤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

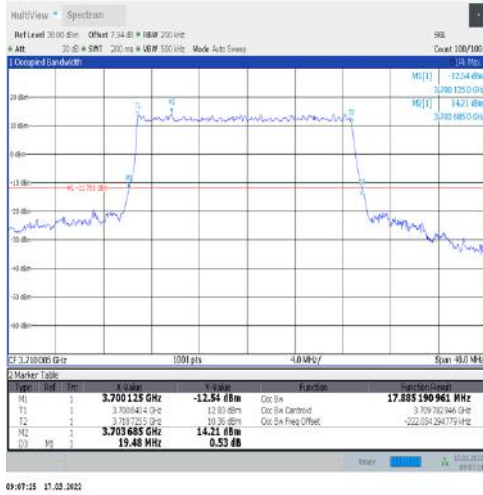
South of No. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

Member of the SGS Group (SGS SA)

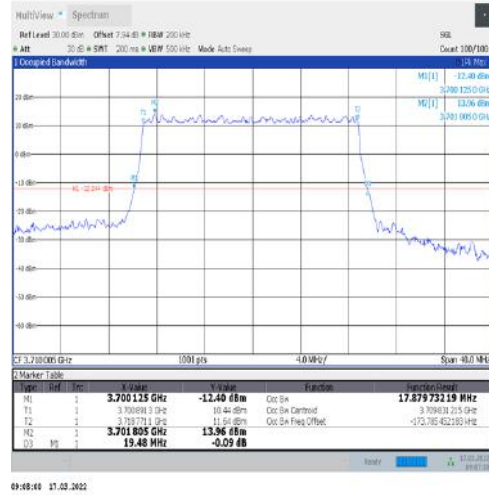
Report No.: SUZR/2022/1002202

Rev.: 01

Page: 59 of 163



1-N77-3700-3980-30-20-L-3-DFT-16QAM-Outer_Full-50@0-Ant1-17.885-19.480-≤20-PASS



1-N77-3700-3980-30-20-L-4-DFT-64QAM-Outer_Full-50@0-Ant1-17.88-19.480-≤20-PASS



1-N77-3700-3980-30-20-L-5-DFT-256QAM-Outer_Full-50@0-Ant1-17.837-19.280-≤20-PASS



1-N77-3700-3980-30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant1-18.179-19.800-≤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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

中国·苏州·中国(江苏)自由贸易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

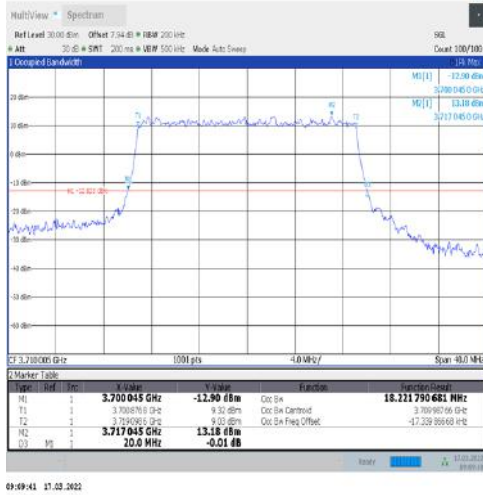
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

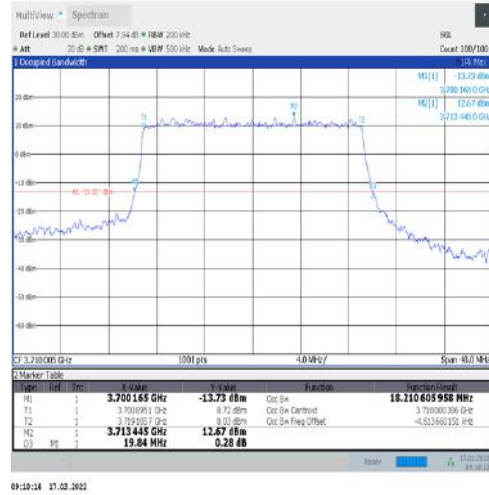
Report No.: SUZR/2022/1002202

Rev.: 01

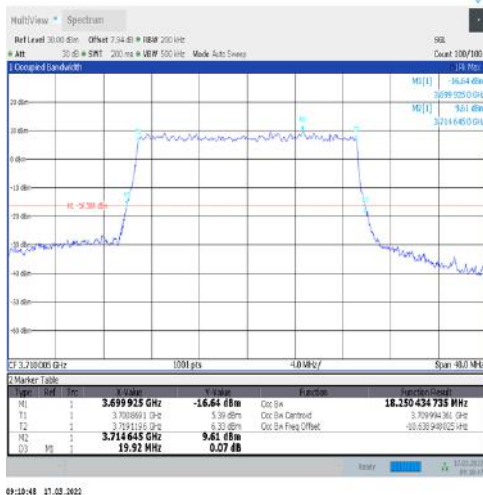
Page: 60 of 163



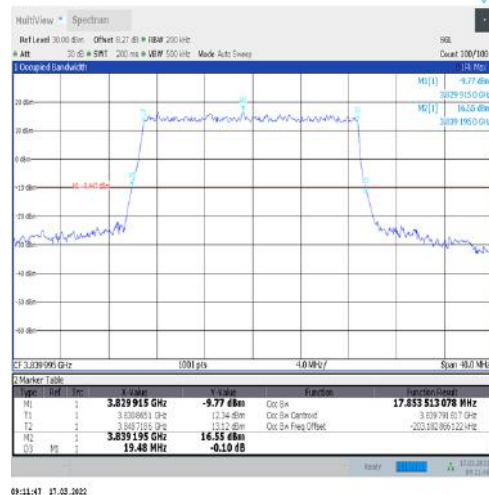
1-N77-3700-3980-30-20-L-7-CP-16QAM-Outer_Full-51@0-Ant1-18.222-20.000-≤20-PASS



1-N77-3700-3980-30-20-L-8-CP-64QAM-Outer_Full-51@0-Ant1-18.211-19.840-≤20-PASS



1-N77-3700-3980-30-20-L-9-CP-256QAM-Outer_Full-51@0-Ant1-18.25-19.920-≤20-PASS



1-N77-3700-3980-30-20-M-1-DFT-QPSK-Outer_Full-50@0-Ant1-17.854-19.480-≤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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易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)

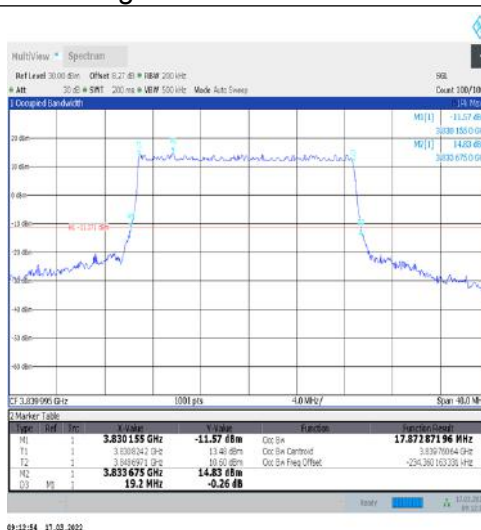
Report No.: SUZR/2022/1002202

Rev.: 01

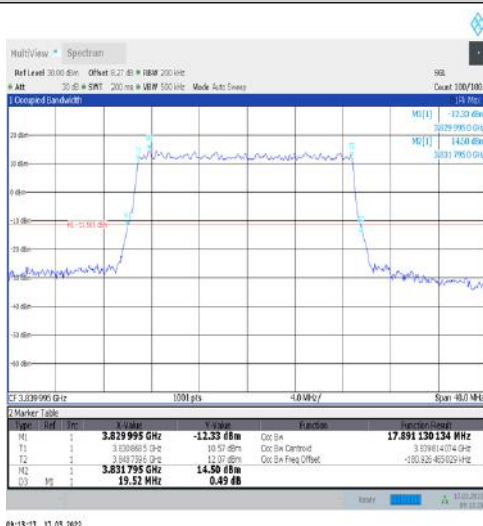
Page: 61 of 163



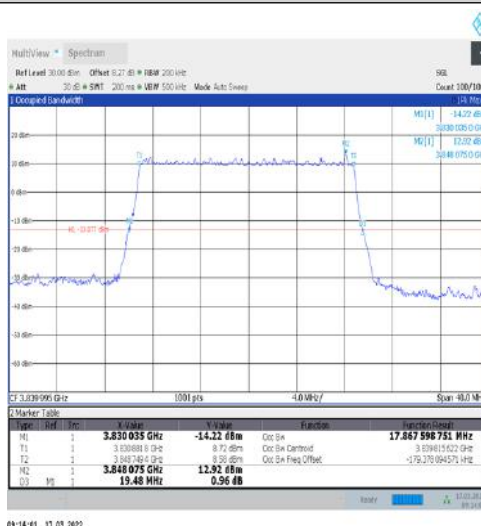
1-N77-3700-3980-30-20-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-17.857-19.520-≤20-PASS



1-N77-3700-3980-30-20-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-17.873-19.200-≤20-PASS



1-N77-3700-3980-30-20-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-17.891-19.520-≤20-PASS



1-N77-3700-3980-30-20-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-17.868-19.480-≤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

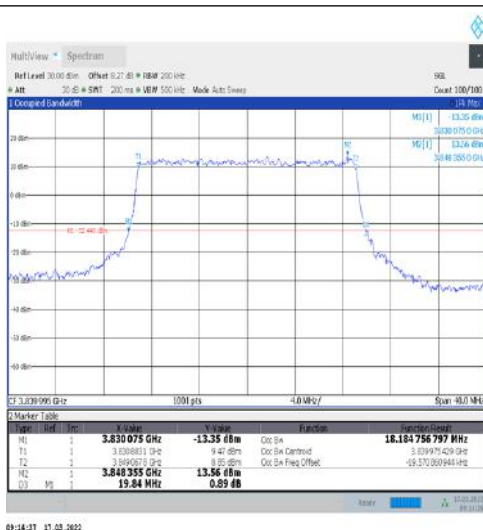
South of No. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

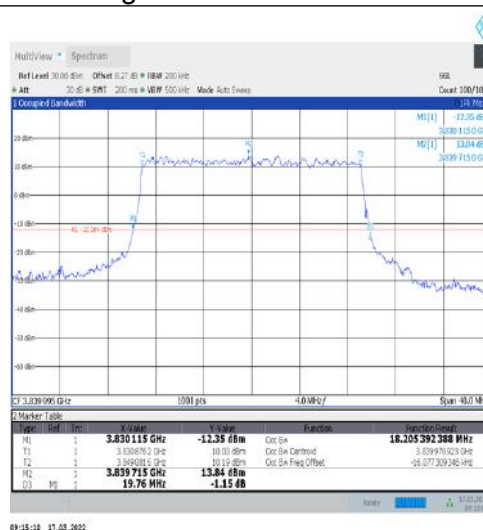
Report No.: SUZR/2022/1002202

Rev.: 01

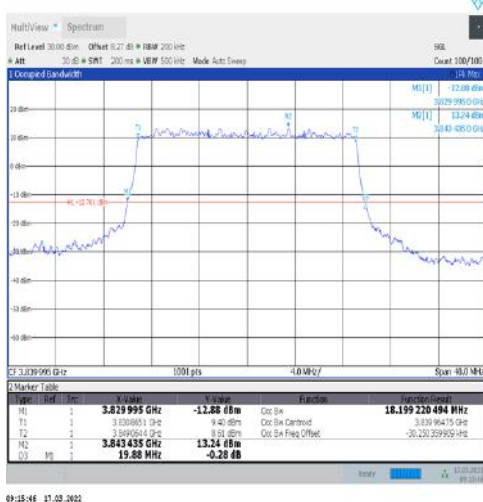
Page: 62 of 163



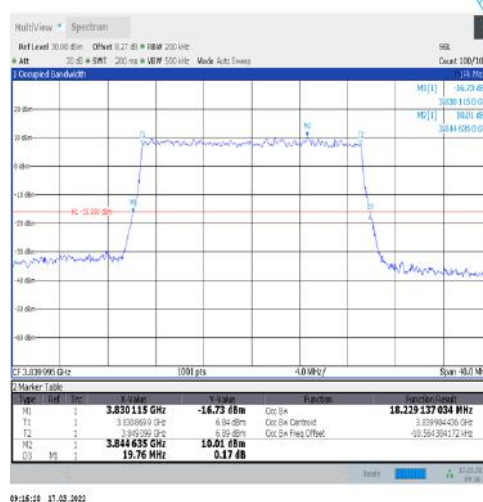
1-N77-3700-3980-30-20-M-6-CP-QPSK-Outer_Full-51@0-Ant1-18.185-19.840-≤20-PASS



1-N77-3700-3980-30-20-M-7-CP-16QAM-Outer_Full-51@0-Ant1-18.205-19.760-≤20-PASS



1-N77-3700-3980-30-20-M-8-CP-64QAM-Outer_Full-51@0-Ant1-18.199-19.880-≤20-PASS



1-N77-3700-3980-30-20-M-9-CP-256QAM-Outer_Full-51@0-Ant1-18.229-19.760-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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)

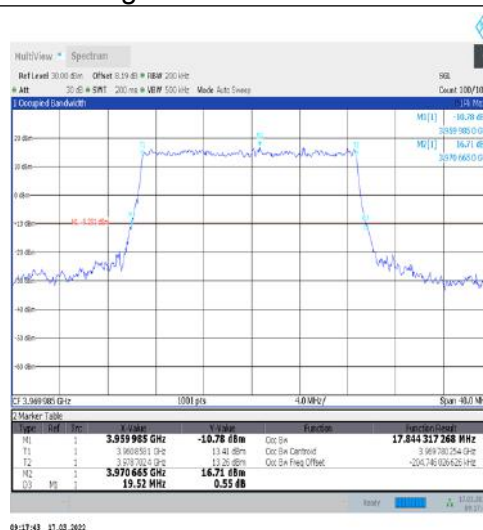
Report No.: SUZR/2022/1002202

Rev.: 01

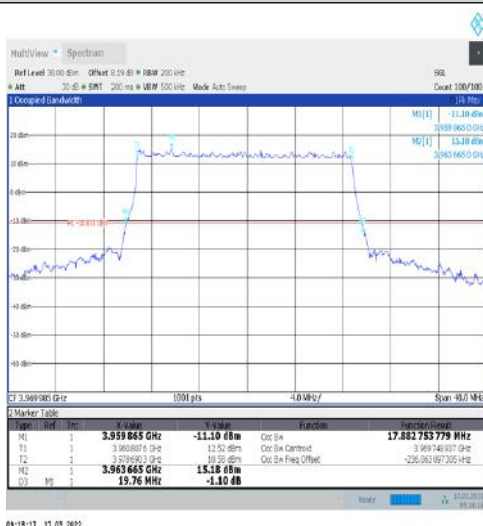
Page: 63 of 163



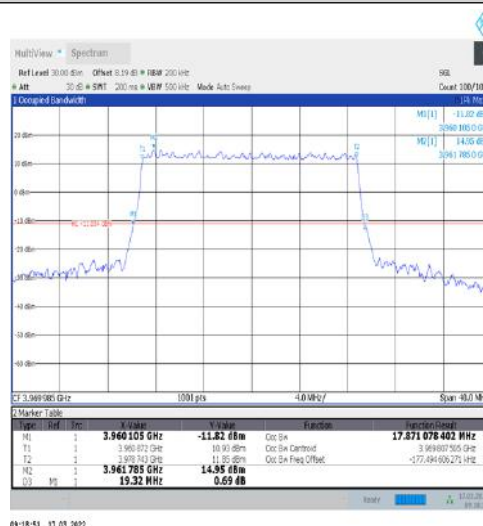
1-N77-3700-3980-30-20-H-1-DFT-QPSK-Outer_Full-50@0-Ant1-17.872-19.440-≤20-PASS



1-N77-3700-3980-30-20-H-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-17.844-19.520-≤20-PASS



1-N77-3700-3980-30-20-H-3-DFT-16QAM-Outer_Full-50@0-Ant1-17.883-19.760-≤20-PASS



1-N77-3700-3980-30-20-H-4-DFT-64QAM-Outer_Full-50@0-Ant1-17.871-19.320-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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

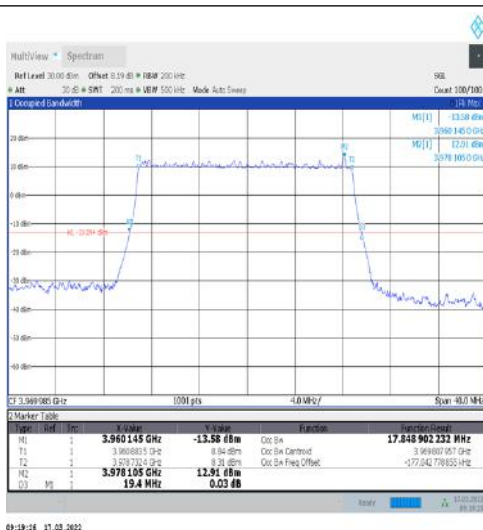
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

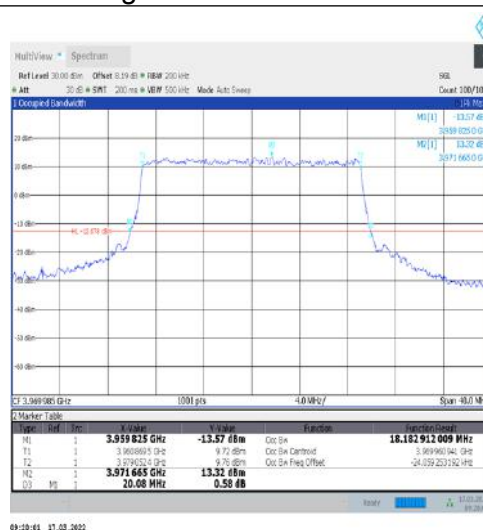
Report No.: SUZR/2022/1002202

Rev.: 01

Page: 64 of 163



1-N77-3700-3980-30-20-H-5-DFT-256QAM-Outer_Full-50@0-Ant1-17.849-19.400-≤20-PASS



1-N77-3700-3980-30-20-H-6-CP-QPSK-Outer_Full-51@0-Ant1-18.183-20.080-≤20-PASS



1-N77-3700-3980-30-20-H-7-CP-16QAM-Outer_Full-51@0-Ant1-18.212-19.760-≤20-PASS



1-N77-3700-3980-30-20-H-8-CP-64QAM-Outer_Full-51@0-Ant1-18.239-20.080-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

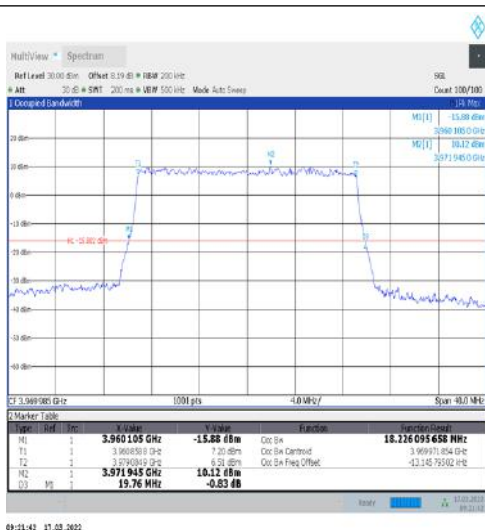
t (86-512) 62992980 www.sgs.com
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

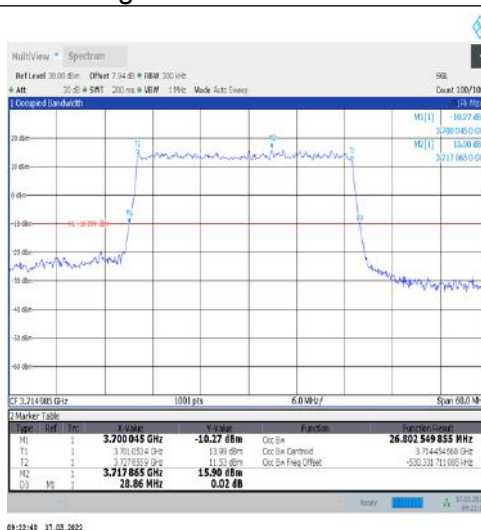
Report No.: SUZR/2022/1002202

Rev.: 01

Page: 65 of 163



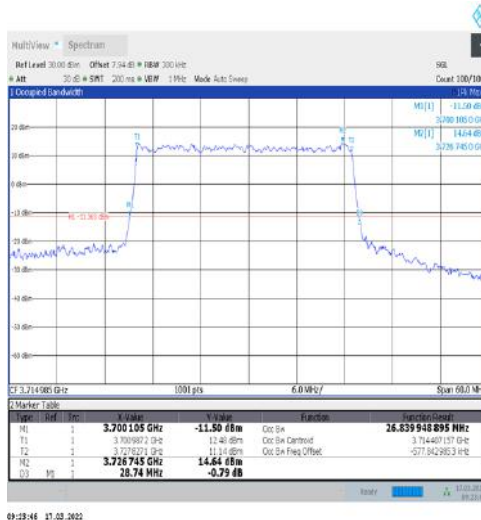
1-N77-3700-3980-30-20-H-9-CP-256QAM-Outer_Full-51@0-Ant1-18.226-19.760-≤20-PASS



1-N77-3700-3980-30-30-L-1-DFT-QPSK-Outer_Full-75@0-Ant1-26.803-28.860-≤30-PASS



1-N77-3700-3980-30-30-L-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-26.839-28.860-≤30-PASS



1-N77-3700-3980-30-30-L-3-DFT-16QAM-Outer_Full-75@0-Ant1-26.84-28.740-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

中国·苏州·中国（江苏）自由贸易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)

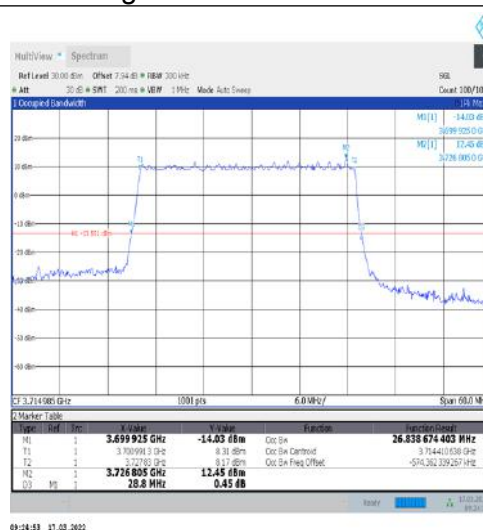
Report No.: SUZR/2022/1002202

Rev.: 01

Page: 66 of 163



1-N77-3700-3980-30-30-L-4-DFT-64QAM-Outer_Full-75@0-Ant1-26.818-28.740-≤30-PASS



1-N77-3700-3980-30-30-L-5-DFT-256QAM-Outer_Full-75@0-Ant1-26.839-28.800-≤30-PASS



1-N77-3700-3980-30-30-L-6-CP-QPSK-Outer_Full-78@0-Ant1-27.83-29.940-≤30-PASS



1-N77-3700-3980-30-30-L-7-CP-16QAM-Outer_Full-78@0-Ant1-27.861-29.820-≤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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南幢 邮编: 215000

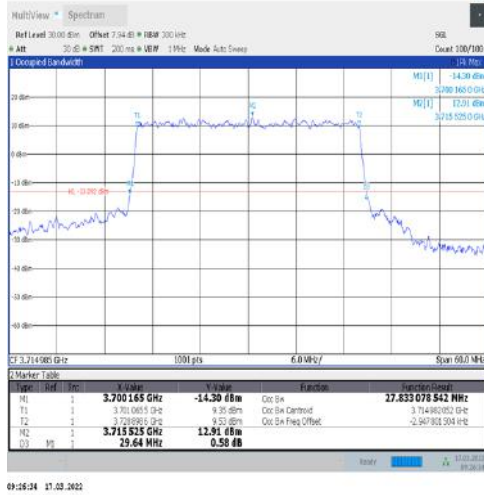
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

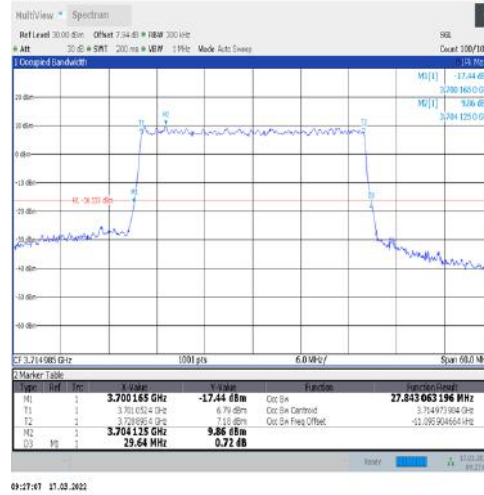
Report No.: SUZR/2022/1002202

Rev.: 01

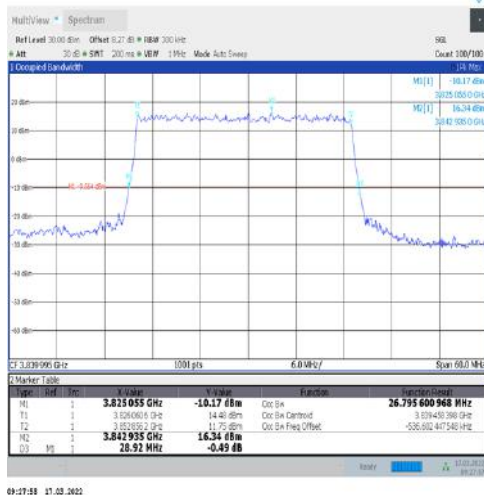
Page: 67 of 163



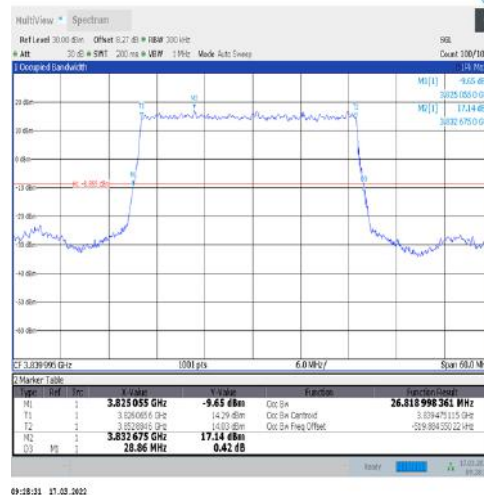
1-N77-3700-3980-30-30-L-8-CP-64QAM-Outer_Full-78@0-Ant1-27.833-29.640-≤30-PASS



1-N77-3700-3980-30-30-L-9-CP-256QAM-Outer_Full-78@0-Ant1-27.843-29.640-≤30-PASS



1-N77-3700-3980-30-30-M-1-DFT-QPSK-Outer_Full-75@0-Ant1-26.796-28.920-≤30-PASS



1-N77-3700-3980-30-30-M-2-DFT-P12BPSK-Outer_Full-75@0-Ant1-26.819-28.860-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易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

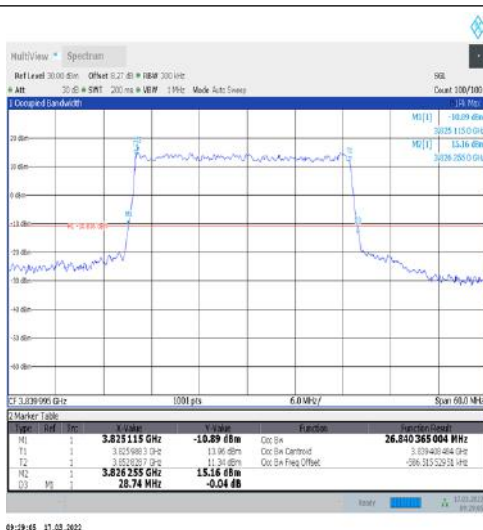
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

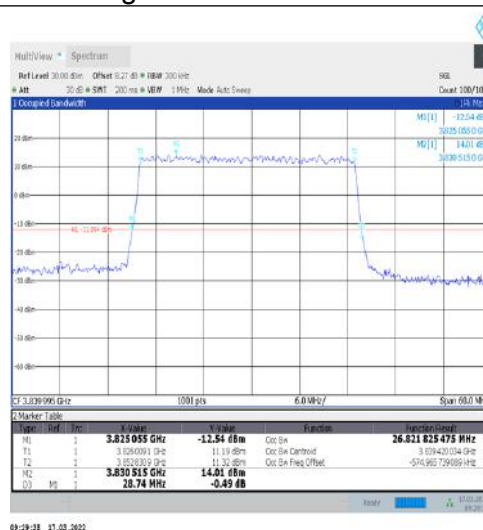
Report No.: SUZR/2022/1002202

Rev.: 01

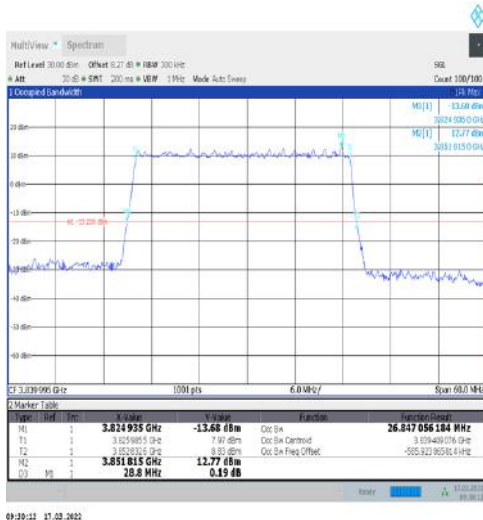
Page: 68 of 163



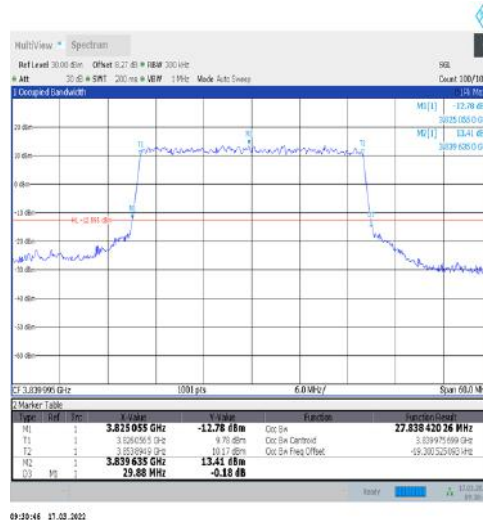
1-N77-3700-3980-30-30-M-3-DFT-16QAM-Outer_Full-75@0-Ant1-26.84-28.740-≤30-PASS



1-N77-3700-3980-30-30-M-4-DFT-64QAM-Outer_Full-75@0-Ant1-26.822-28.740-≤30-PASS



1-N77-3700-3980-30-30-M-5-DFT-256QAM-Outer_Full-75@0-Ant1-26.847-28.800-≤30-PASS



1-N77-3700-3980-30-30-M-6-CP-QPSK-Outer_Full-78@0-Ant1-27.838-29.880-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 69 of 163



1-N77-3700-3980-30-30-M-7-CP-16QAM-Outer_Full-78@0-Ant1-27.867-29.880-≤30-PASS



1-N77-3700-3980-30-30-M-8-CP-64QAM-Outer_Full-78@0-Ant1-27.841-29.940-≤30-PASS



1-N77-3700-3980-30-30-M-9-CP-256QAM-Outer_Full-78@0-Ant1-27.837-29.520-≤30-PASS



1-N77-3700-3980-30-30-H-1-DFT-QPSK-Outer_Full-75@0-Ant1-26.798-28.920-≤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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62982980 www.sgs.com.cn
t (86-512) 62982980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

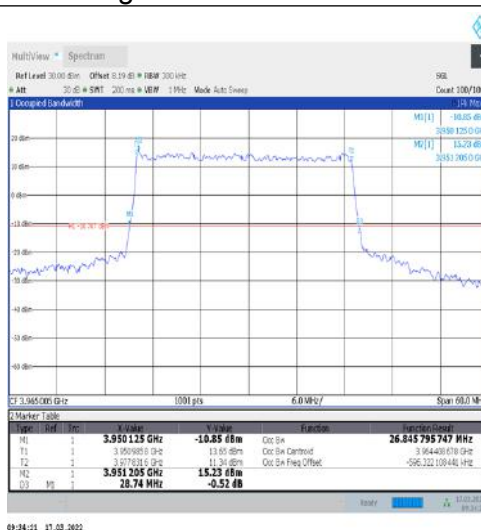
Report No.: SUZR/2022/1002202

Rev.: 01

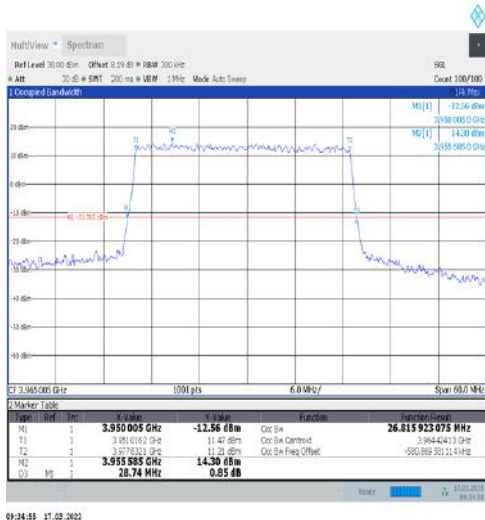
Page: 70 of 163



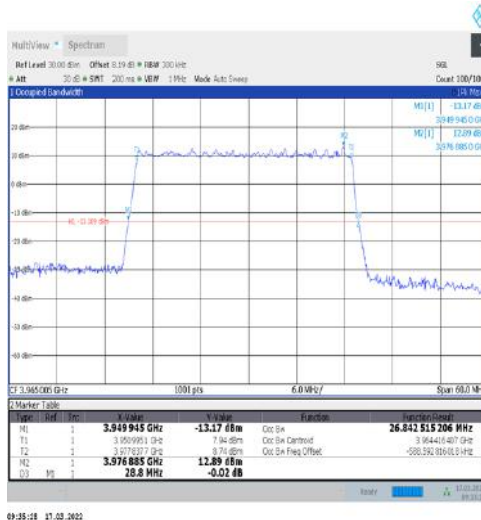
1-N77-3700-3980-30-30-H-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-26.808-28.860-≤30-PASS



1-N77-3700-3980-30-30-H-3-DFT-16QAM-Outer_Full-75@0-Ant1-26.846-28.740-≤30-PASS



1-N77-3700-3980-30-30-H-4-DFT-64QAM-Outer_Full-75@0-Ant1-26.816-28.740-≤30-PASS



1-N77-3700-3980-30-30-H-5-DFT-256QAM-Outer_Full-75@0-Ant1-26.843-28.800-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易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.: SUZR/2022/1002202

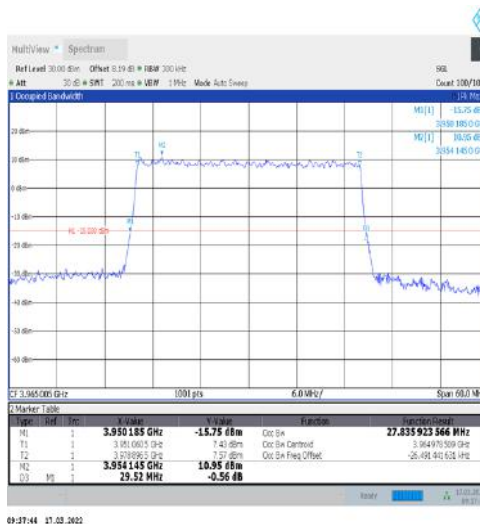
Rev.: 01

Page: 71 of 163



1-N77-3700-3980-30-30-H-6-CP-QPSK-Outter_Full-78@0-Ant1-27.833-29.880-≤30-PASS

1-N77-3700-3980-30-30-H-7-CP-16QAM-Outter_Full-78@0-Ant1-27.853-29.820-≤30-PASS



1-N77-3700-3980-30-30-H-8-CP-64QAM-Outter_Full-78@0-Ant1-27.831-29.700-≤30-PASS

1-N77-3700-3980-30-30-H-9-CP-256QAM-Outter_Full-78@0-Ant1-27.836-29.520-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南端 邮编: 215000

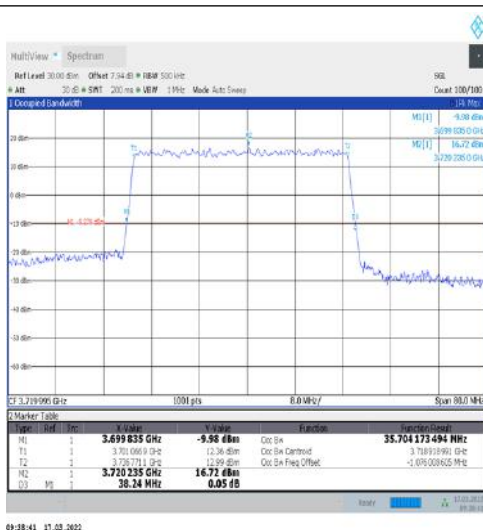
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

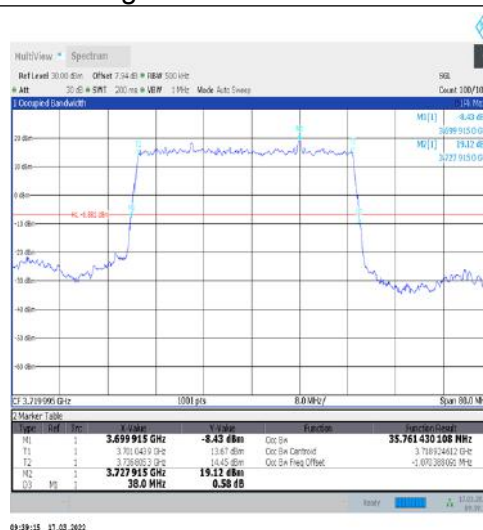
Report No.: SUZR/2022/1002202

Rev.: 01

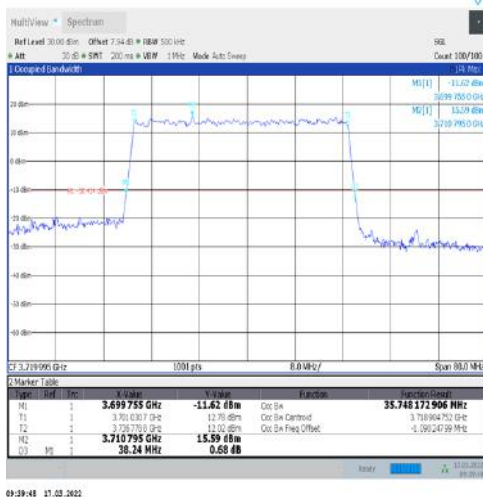
Page: 72 of 163



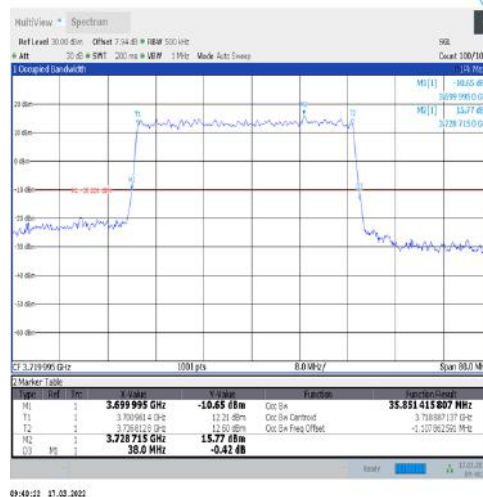
1-N77-3700-3980-30-40-L-1-DFT-QPSK-Outer_Full-100@0-Ant1-35.704-38.240-≤40-PASS



1-N77-3700-3980-30-40-L-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-35.761-38.000-≤40-PASS



1-N77-3700-3980-30-40-L-3-DFT-16QAM-Outer_Full-100@0-Ant1-35.748-38.240-≤40-PASS



1-N77-3700-3980-30-40-L-4-DFT-64QAM-Outer_Full-100@0-Ant1-35.851-38.000-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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

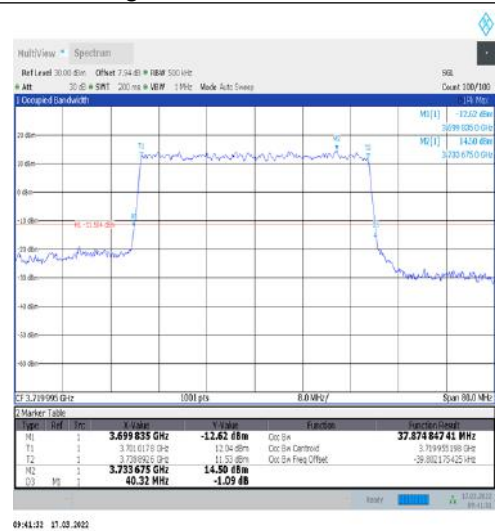
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

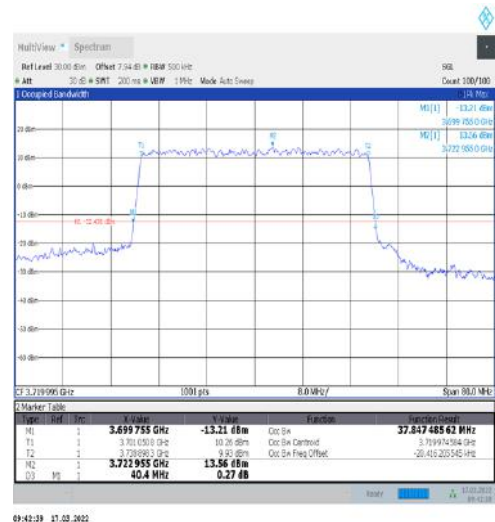
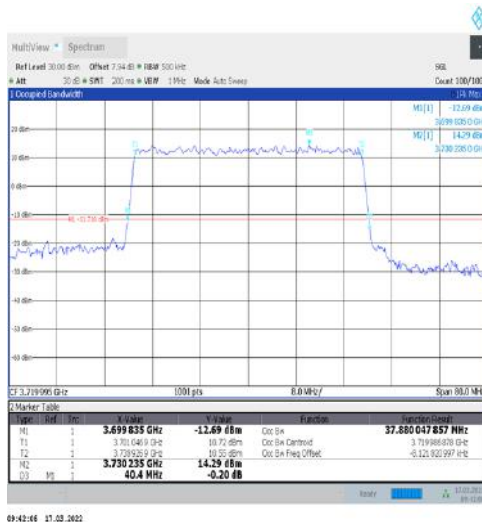
Rev.: 01

Page: 73 of 163



1-N77-3700-3980-30-40-L-5-DFT-256QAM-Outer_Full-100@0-Ant1-35.712-37.920-≤40-PASS

1-N77-3700-3980-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant1-37.875-40.320-≤40-PASS



1-N77-3700-3980-30-40-L-7-CP-16QAM-Outer_Full-106@0-Ant1-37.88-40.400-≤40-PASS

1-N77-3700-3980-30-40-L-8-CP-64QAM-Outer_Full-106@0-Ant1-37.847-40.400-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易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

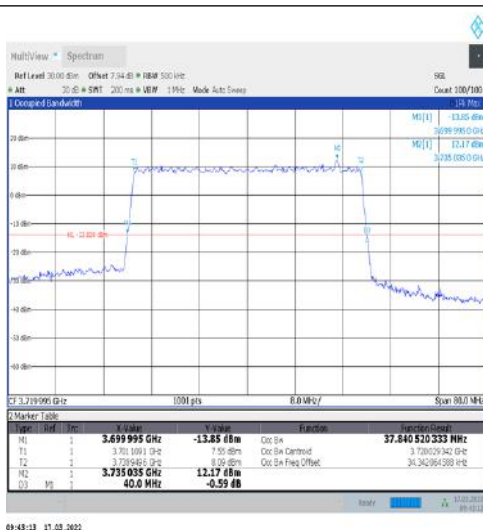
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

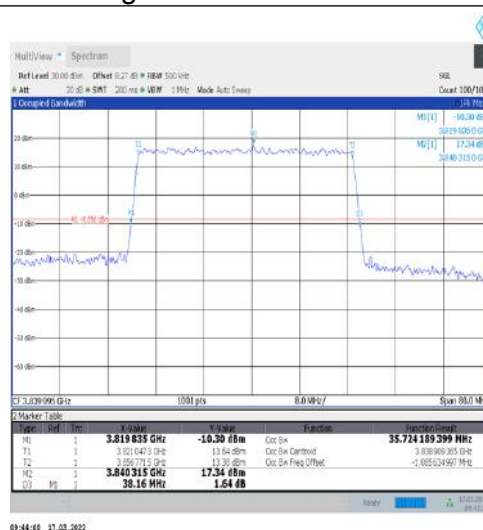
Report No.: SUZR/2022/1002202

Rev.: 01

Page: 74 of 163



1-N77-3700-3980-30-40-L-9-CP-256QAM-Outer_Full-106@0-Ant1-37.841-40.000-≤40-PASS



1-N77-3700-3980-30-40-M-1-DFT-QPSK-Outer_Full-100@0-Ant1-35.724-38.160-≤40-PASS



1-N77-3700-3980-30-40-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-35.755-38.160-≤40-PASS



1-N77-3700-3980-30-40-M-3-DFT-16QAM-Outer_Full-100@0-Ant1-35.735-38.240-≤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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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

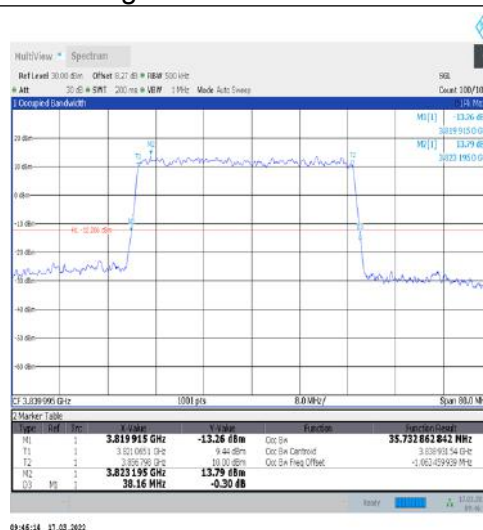
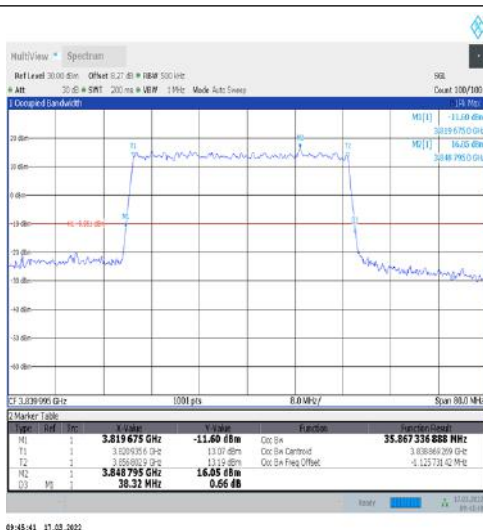
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

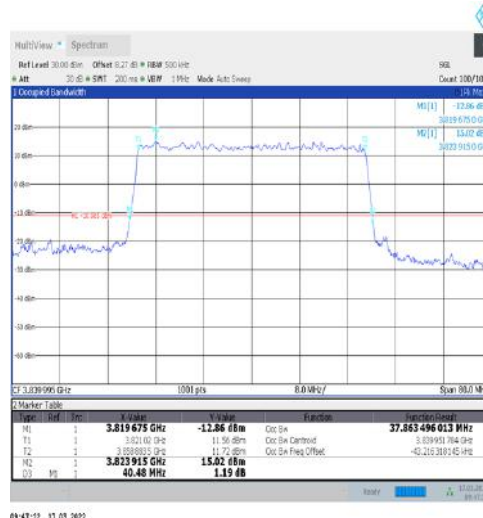
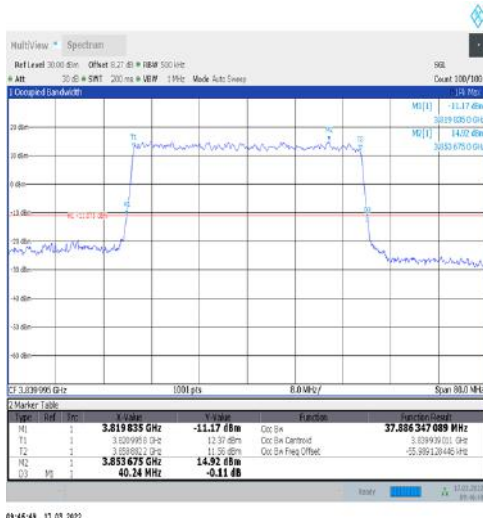
Rev.: 01

Page: 75 of 163



1-N77-3700-3980-30-40-M-4-DFT-64QAM-Outer_Full-100@0-Ant1-35.867-38.320-≤40-PASS

1-N77-3700-3980-30-40-M-5-DFT-256QAM-Outer_Full-100@0-Ant1-35.733-38.160-≤40-PASS



1-N77-3700-3980-30-40-M-6-CP-QPSK-Outer_Full-106@0-Ant1-37.886-40.240-≤40-PASS

1-N77-3700-3980-30-40-M-7-CP-16QAM-Outer_Full-106@0-Ant1-37.863-40.480-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易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

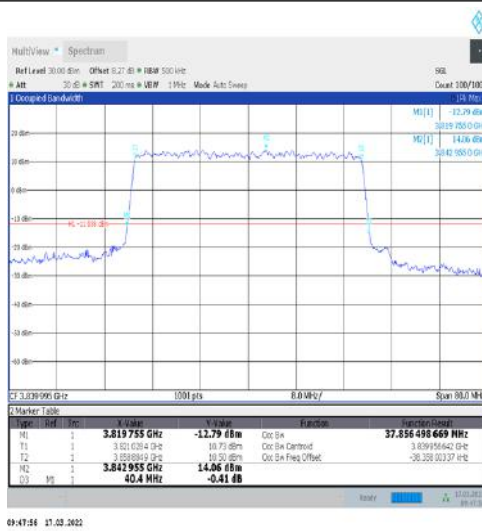
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

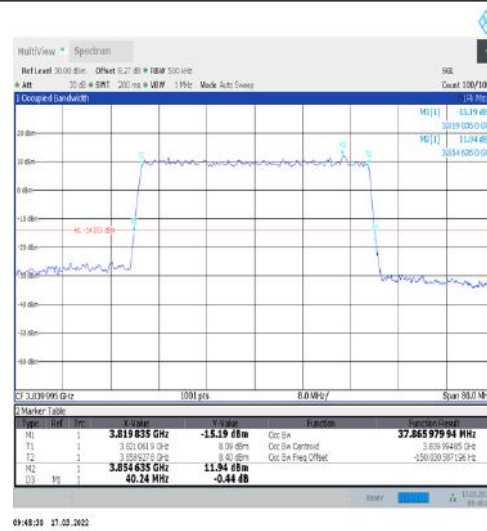
Report No.: SUZR/2022/1002202

Rev.: 01

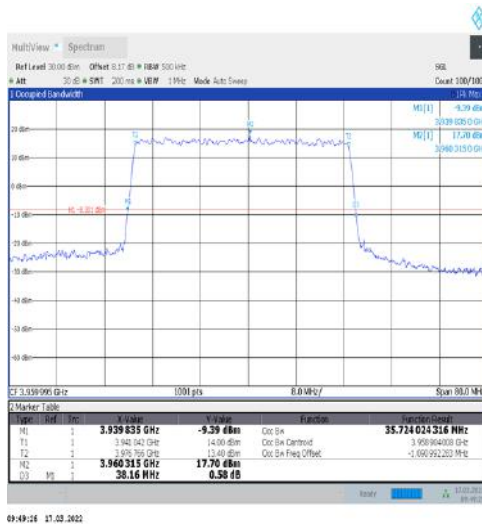
Page: 76 of 163



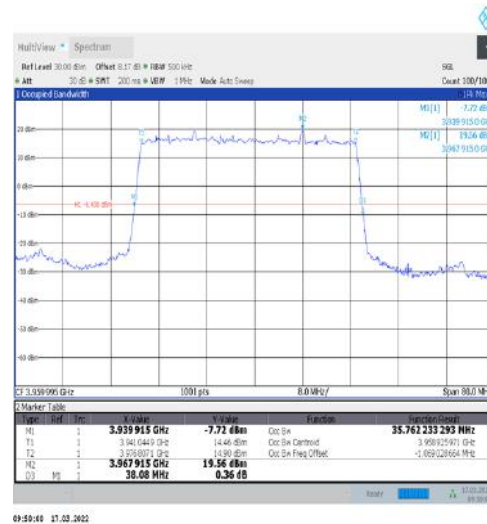
1-N77-3700-3980-30-40-M-8-CP-64QAM-Outer_Full-106@0-Ant1-37.856-40.400-≤40-PASS



1-N77-3700-3980-30-40-M-9-CP-256QAM-Outer_Full-106@0-Ant1-37.866-40.240-≤40-PASS



1-N77-3700-3980-30-40-H-1-DFT-QPSK-Outer_Full-100@0-Ant1-35.724-38.160-≤40-PASS



1-N77-3700-3980-30-40-H-2-DFT-P12BPSK-Outer_Full-100@0-Ant1-35.762-38.080-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易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)

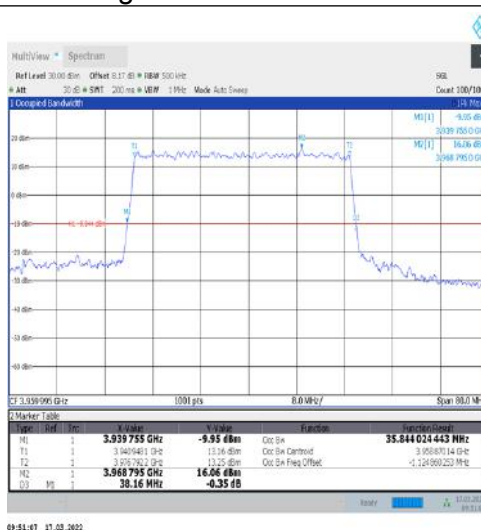
Report No.: SUZR/2022/1002202

Rev.: 01

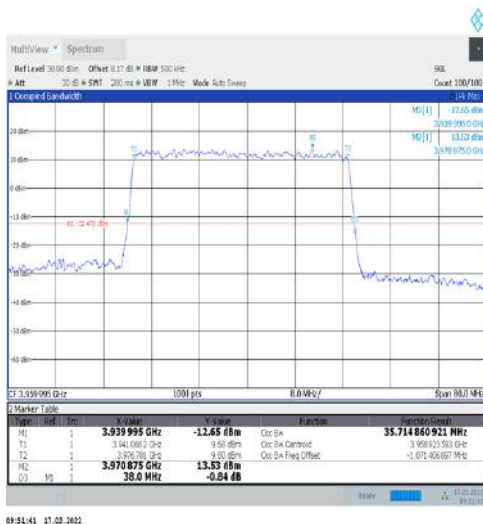
Page: 77 of 163



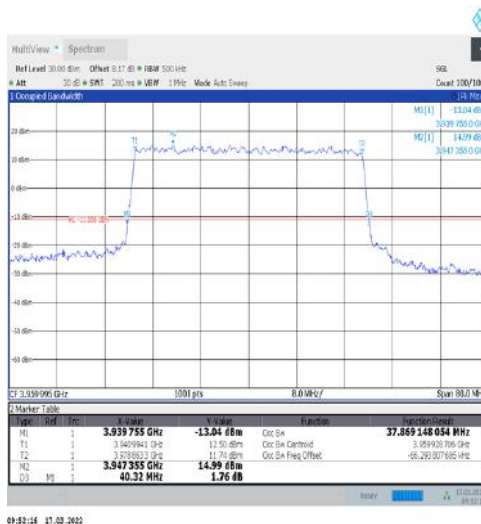
1-N77-3700-3980-30-40-H-3-DFT-16QAM-Outer_Full-100@0-Ant1-35.69-38.160-≤40-PASS



1-N77-3700-3980-30-40-H-4-DFT-64QAM-Outer_Full-100@0-Ant1-35.844-38.160-≤40-PASS



1-N77-3700-3980-30-40-H-5-DFT-256QAM-Outer_Full-100@0-Ant1-35.715-38.000-≤40-PASS



1-N77-3700-3980-30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant1-37.869-40.320-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国 (江苏) 自由贸易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.: SUZR/2022/1002202

Rev.: 01

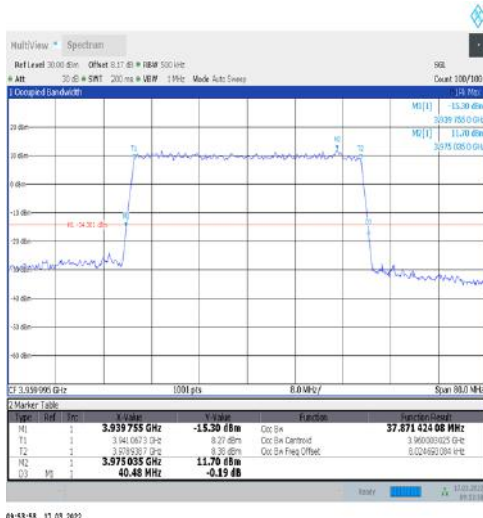
Page: 78 of 163



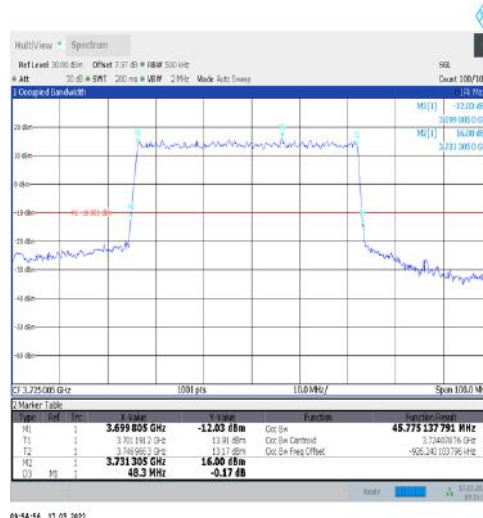
1-N77-3700-3980-30-40-H-7-CP-16QAM-Outer_Full-106@0-Ant1-37.846-40.320-≤40-PASS



1-N77-3700-3980-30-40-H-8-CP-64QAM-Outer_Full-106@0-Ant1-37.829-40.400-≤40-PASS



1-N77-3700-3980-30-40-H-9-CP-256QAM-Outer_Full-106@0-Ant1-37.871-40.480-≤40-PASS



1-N77-3700-3980-30-50-L-1-DFT-QPSK-Outer_Full-128@0-Ant1-45.775-48.300-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南幢 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)

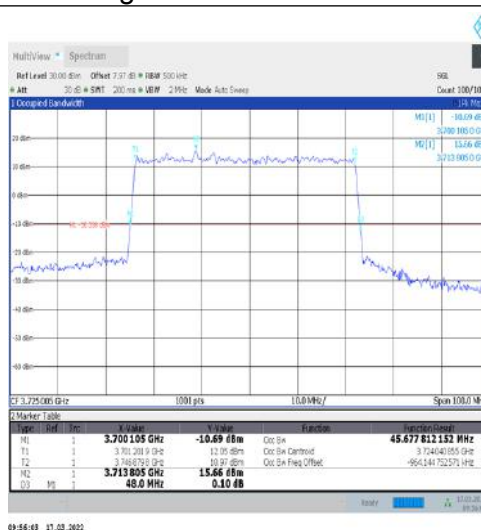
Report No.: SUZR/2022/1002202

Rev.: 01

Page: 79 of 163



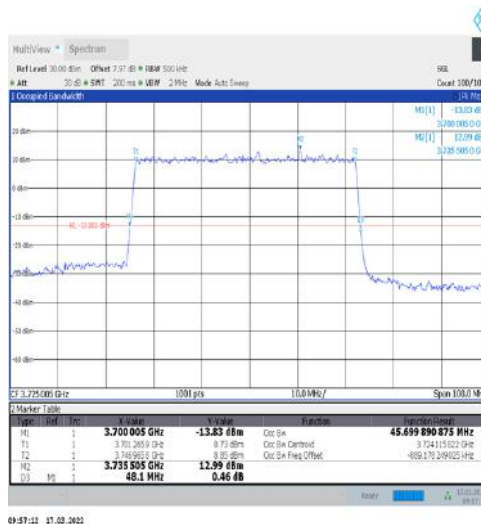
1-N77-3700-3980-30-50-L-2-DFT-PI2BPSK-Outer_Full-128@0-Ant1-45.688-48.000-≤50-PASS



1-N77-3700-3980-30-50-L-3-DFT-16QAM-Outer_Full-128@0-Ant1-45.678-48.000-≤50-PASS



1-N77-3700-3980-30-50-L-4-DFT-64QAM-Outer_Full-128@0-Ant1-45.705-48.200-≤50-PASS



1-N77-3700-3980-30-50-L-5-DFT-256QAM-Outer_Full-128@0-Ant1-45.7-48.100-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国 (江苏) 自由贸易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

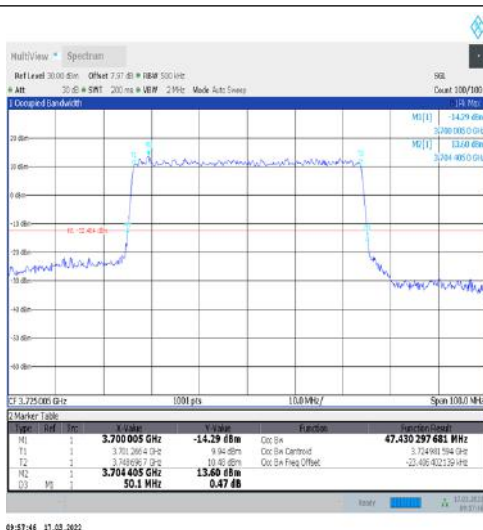
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

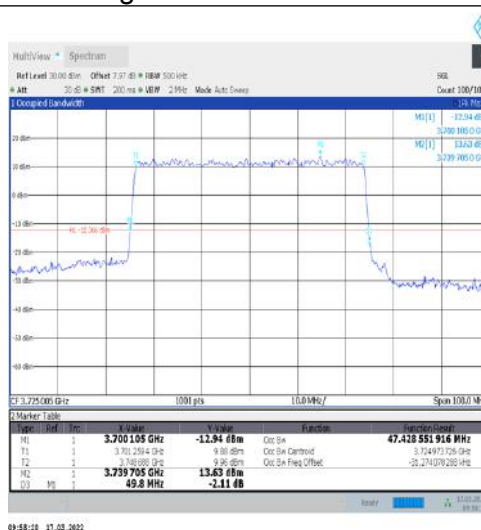
Report No.: SUZR/2022/1002202

Rev.: 01

Page: 80 of 163



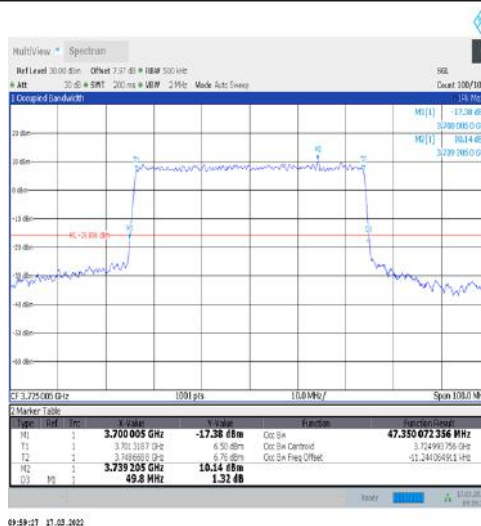
1-N77-3700-3980-30-50-L-6-CP-QPSK-Outet_Full-133@0-Ant1-47.43-50.100-≤50-PASS



1-N77-3700-3980-30-50-L-7-CP-16QAM-Outet_Full-133@0-Ant1-47.429-49.800-≤50-PASS



1-N77-3700-3980-30-50-L-8-CP-64QAM-Outet_Full-133@0-Ant1-47.415-50.000-≤50-PASS



1-N77-3700-3980-30-50-L-9-CP-256QAM-Outet_Full-133@0-Ant1-47.35-49.800-≤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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

South of No. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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.: SUZR/2022/1002202

Rev.: 01

Page: 81 of 163



1-N77-3700-3980-30-50-M-1-DFT-QPSK-Outer_Full-128@0-Ant1-45.752-48.300-≤50-PASS



1-N77-3700-3980-30-50-M-2-DFT-PI2BPSK-Outer_Full-128@0-Ant1-45.685-48.000-≤50-PASS



1-N77-3700-3980-30-50-M-3-DFT-16QAM-Outer_Full-128@0-Ant1-45.682-48.100-≤50-PASS



1-N77-3700-3980-30-50-M-4-DFT-64QAM-Outer_Full-128@0-Ant1-45.739-48.200-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易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

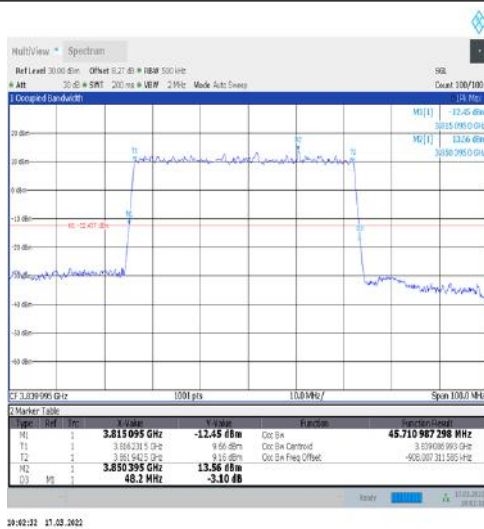
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

Rev.: 01

Page: 82 of 163



1-N77-3700-3980-30-50-M-5-DFT-256QAM-Outer_Full-128@0-Ant1-45.711-48.200-≤50-PASS

1-N77-3700-3980-30-50-M-6-CP-QPSK-Outer_Full-133@0-Ant1-47.401-50.000-≤50-PASS



1-N77-3700-3980-30-50-M-7-CP-16QAM-Outer_Full-133@0-Ant1-47.424-50.100-≤50-PASS

1-N77-3700-3980-30-50-M-8-CP-64QAM-Outer_Full-133@0-Ant1-47.428-50.300-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

中国·苏州·中国（江苏）自由贸易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

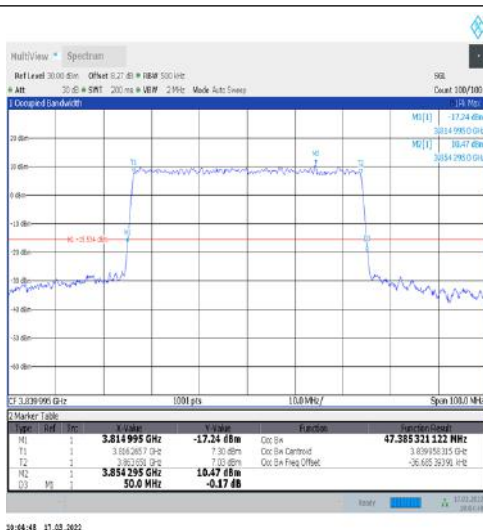
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

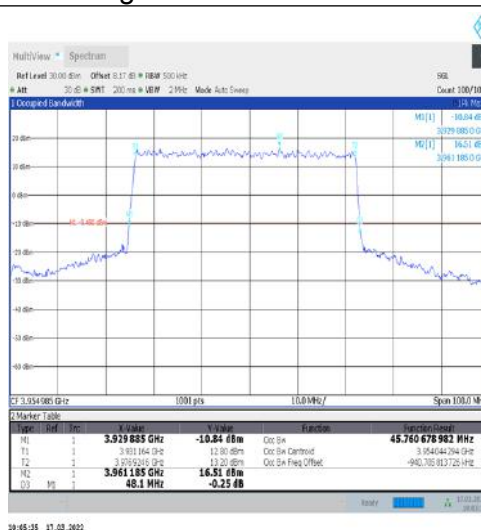
Report No.: SUZR/2022/1002202

Rev.: 01

Page: 83 of 163



1-N77-3700-3980-30-50-M-9-CP-256QAM-Outer_Full-133@0-Ant1-47.385-50.000-≤50-PASS



1-N77-3700-3980-30-50-H-1-DFT-QPSK-Outer_Full-128@0-Ant1-45.761-48.100-≤50-PASS



1-N77-3700-3980-30-50-H-2-DFT-PI2BPSK-Outer_Full-128@0-Ant1-45.67-48.100-≤50-PASS



1-N77-3700-3980-30-50-H-3-DFT-16QAM-Outer_Full-128@0-Ant1-45.68-48.000-≤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/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

South of No. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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)

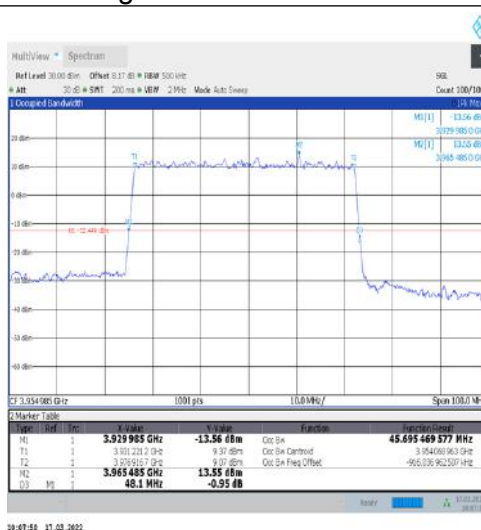
Report No.: SUZR/2022/1002202

Rev.: 01

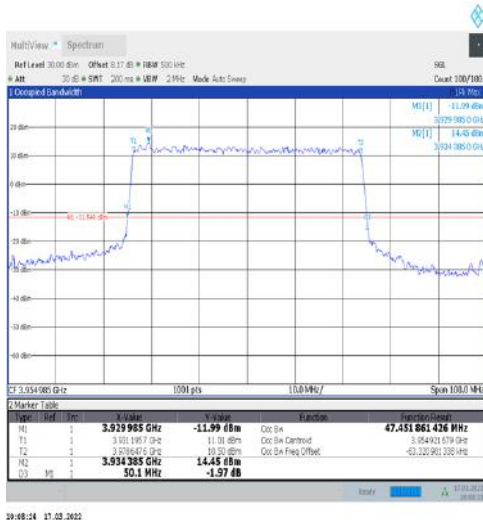
Page: 84 of 163



1-N77-3700-3980-30-50-H-4-DFT-64QAM-Outer_Full-128@0-Ant1-45.711-48.100-≤50-PASS



1-N77-3700-3980-30-50-H-5-DFT-256QAM-Outer_Full-128@0-Ant1-45.695-48.100-≤50-PASS



1-N77-3700-3980-30-50-H-6-CP-QPSK-Outer_Full-133@0-Ant1-47.452-50.100-≤50-PASS



1-N77-3700-3980-30-50-H-7-CP-16QAM-Outer_Full-133@0-Ant1-47.423-50.000-≤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/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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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

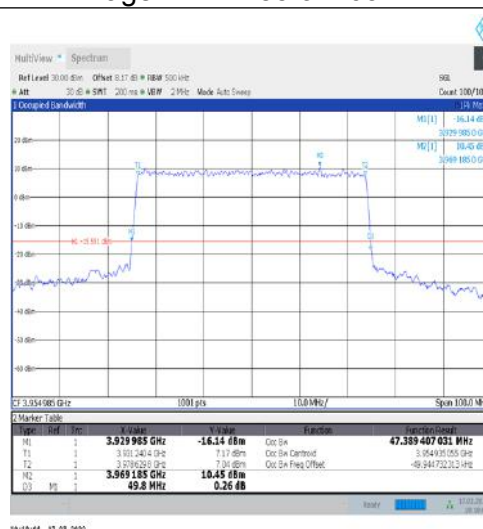
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

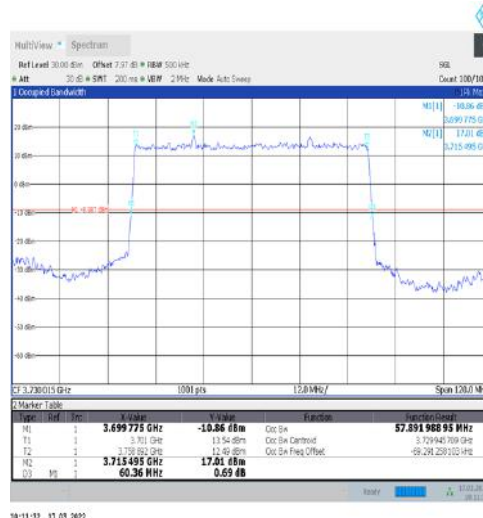
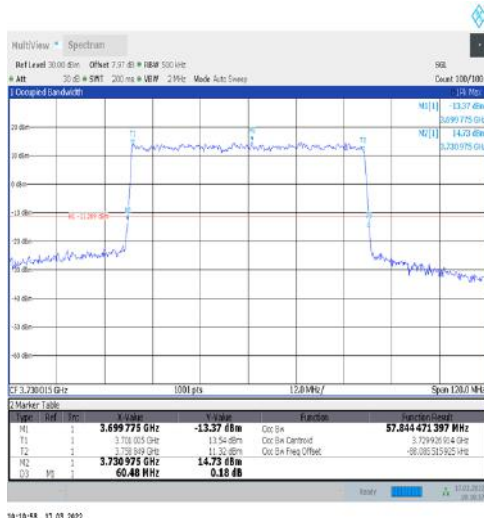
Rev.: 01

Page: 85 of 163



1-N77-3700-3980-30-50-H-8-CP-64QAM-Outer_Full-133@0-Ant1-47.432-50.100-≤50-PASS

1-N77-3700-3980-30-50-H-9-CP-256QAM-Outer_Full-133@0-Ant1-47.389-49.800-≤50-PASS



1-N77-3700-3980-30-60-L-1-DFT-QPSK-Outer_Full-162@0-Ant1-57.844-60.480-≤60-PASS

1-N77-3700-3980-30-60-L-2-DFT-PI2BPSK-Outer_Full-162@0-Ant1-57.892-60.360-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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)

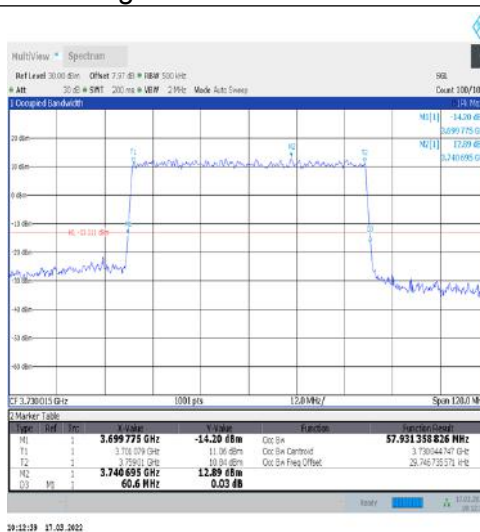
Report No.: SUZR/2022/1002202

Rev.: 01

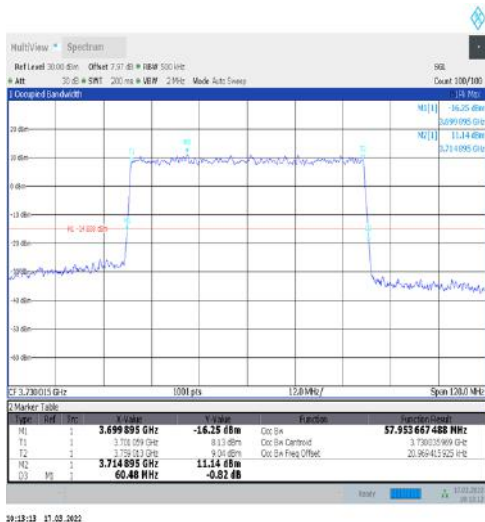
Page: 86 of 163



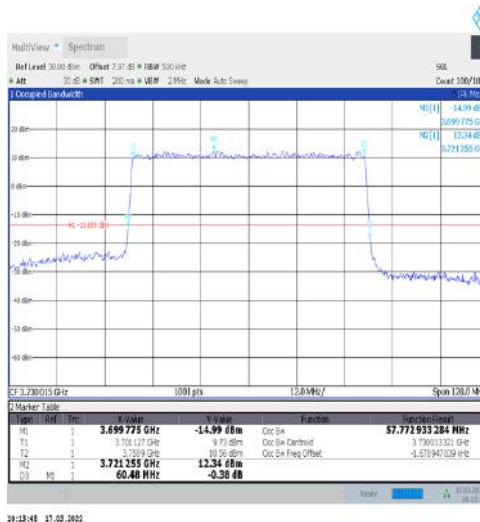
1-N77-3700-3980-30-60-L-3-DFT-16QAM-Outer_Full-162@0-Ant1-57.922-60.360-≤60-PASS



1-N77-3700-3980-30-60-L-4-DFT-64QAM-Outer_Full-162@0-Ant1-57.931-60.600-≤60-PASS



1-N77-3700-3980-30-60-L-5-DFT-256QAM-Outer_Full-162@0-Ant1-57.954-60.480-≤60-PASS



1-N77-3700-3980-30-60-L-6-CP-QPSK-Outer_Full-162@0-Ant1-57.773-60.480-≤60-PASS



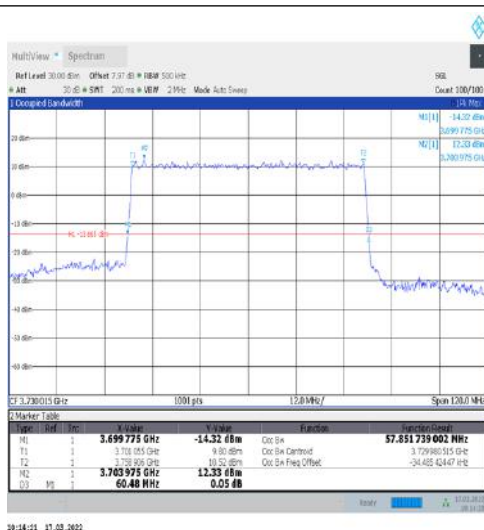
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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

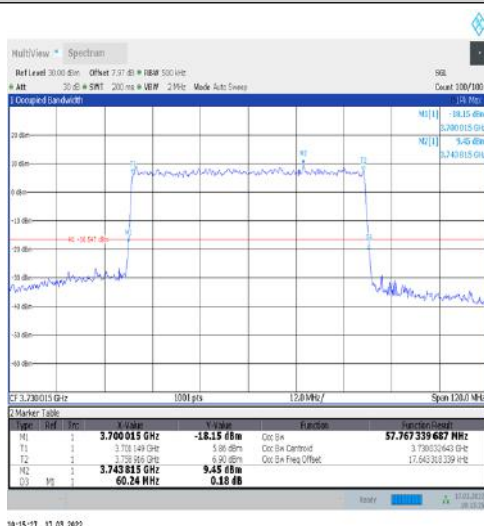
Member of the SGS Group (SGS SA)



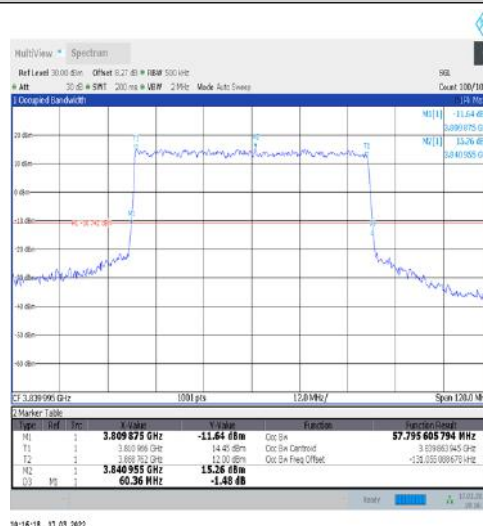
1-N77-3700-3980-30-60-L-7-CP-16QAM-Outer_Full-
162@0-Ant1-57.852-60.480-≤60-PASS



1-N77-3700-3980-30-60-L-8-CP-64QAM-Outer_Full-
162@0-Ant1-57.75-60.360-≤60-PASS



1-N77-3700-3980-30-60-L-9-CP-256QAM-
Outer Full-162@0-Ant1-57.767-60.240-≤60-PASS



1-N77-3700-3980-30-60-M-1-DFT-QPSK-Outer_Full-
162@0-Ant1-57.796-60.360-≤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 its contractual obligations. The Company is not responsible for the accuracy of the information or for any consequences arising from a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

For more information or to request a copy of testing inspection report & certificate, please contact us at telephone: (66-75) 8307 1443, or email: CN.Dochter@sgs.com.

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

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

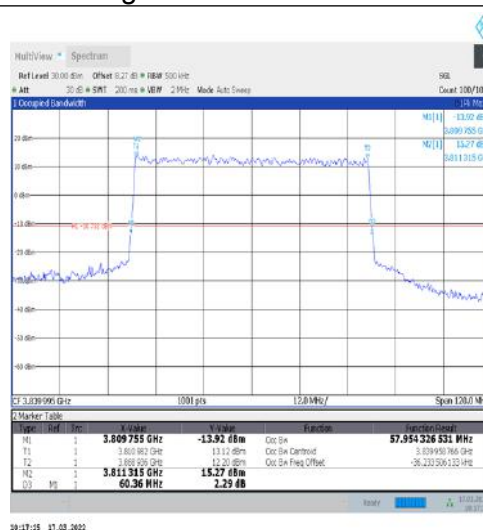
Report No.: SUZR/2022/1002202

Rev.: 01

Page: 88 of 163



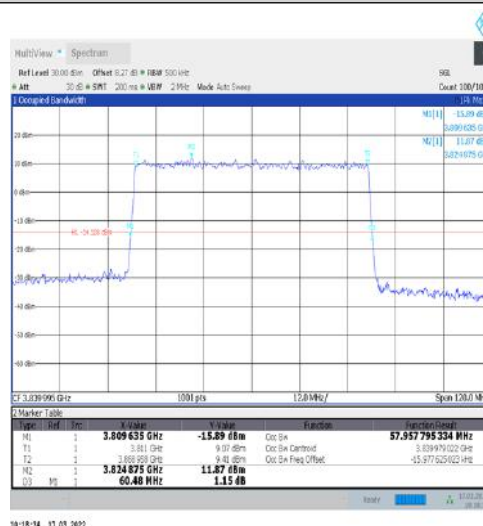
1-N77-3700-3980-30-60-M-2-DFT-PI2BPSK-Outer_Full-162@0-Ant1-57.835-60.360-≤60-PASS



1-N77-3700-3980-30-60-M-3-DFT-16QAM-Outer_Full-162@0-Ant1-57.954-60.360-≤60-PASS



1-N77-3700-3980-30-60-M-4-DFT-64QAM-Outer_Full-162@0-Ant1-57.915-60.480-≤60-PASS



1-N77-3700-3980-30-60-M-5-DFT-256QAM-Outer_Full-162@0-Ant1-57.958-60.480-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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

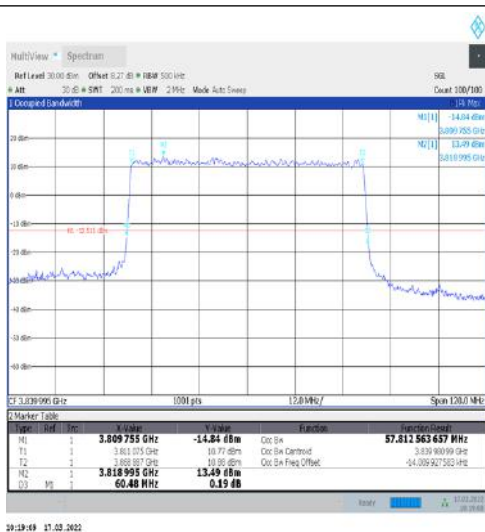
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

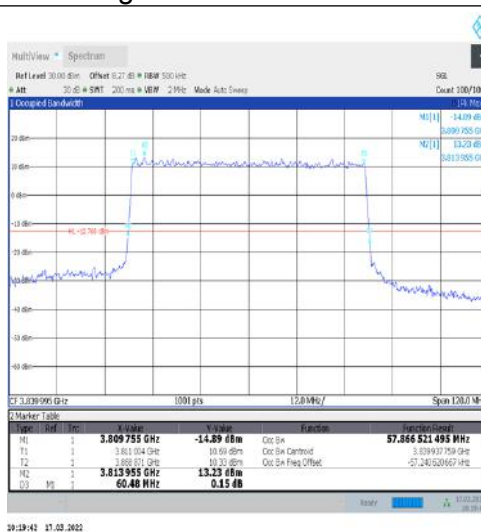
Report No.: SUZR/2022/1002202

Rev.: 01

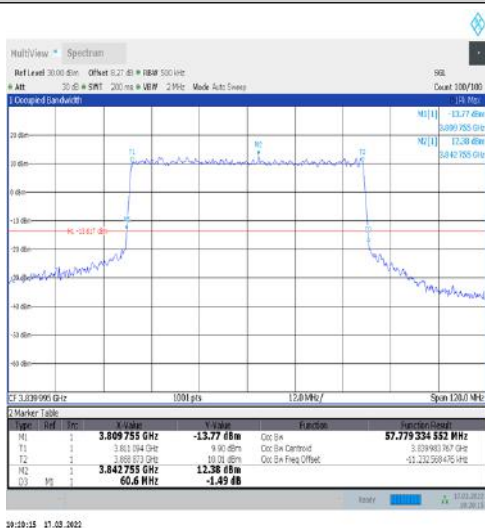
Page: 89 of 163



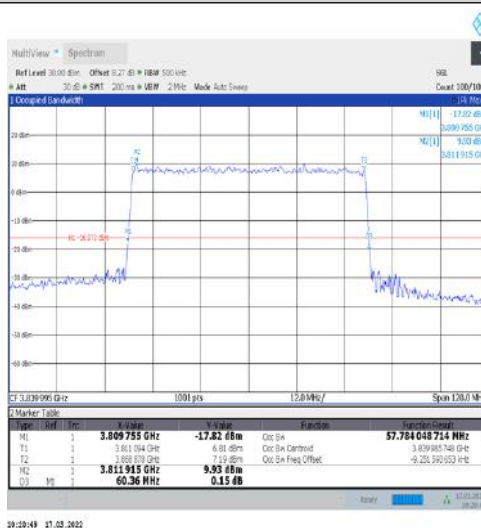
1-N77-3700-3980-30-60-M-6-CP-QPSK-Outer_Full-162@0-Ant1-57.813-60.480-≤60-PASS



1-N77-3700-3980-30-60-M-7-CP-16QAM-Outer_Full-162@0-Ant1-57.867-60.480-≤60-PASS



1-N77-3700-3980-30-60-M-8-CP-64QAM-Outer_Full-162@0-Ant1-57.779-60.600-≤60-PASS



1-N77-3700-3980-30-60-M-9-CP-256QAM-Outer_Full-162@0-Ant1-57.784-60.360-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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

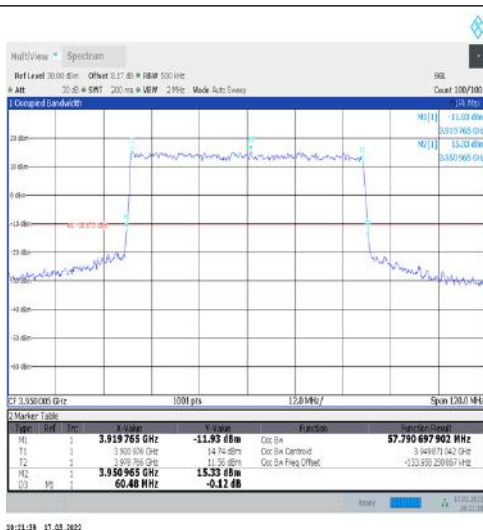
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

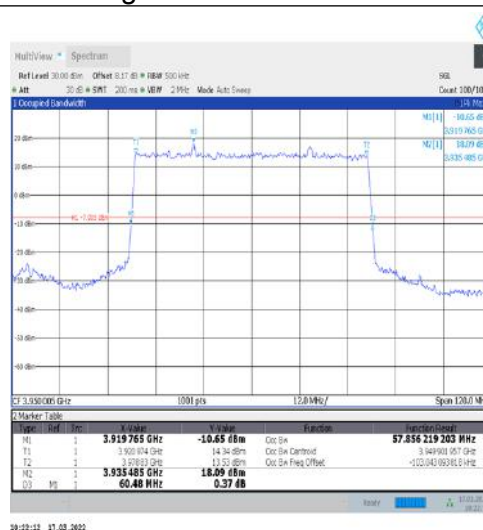
Report No.: SUZR/2022/1002202

Rev.: 01

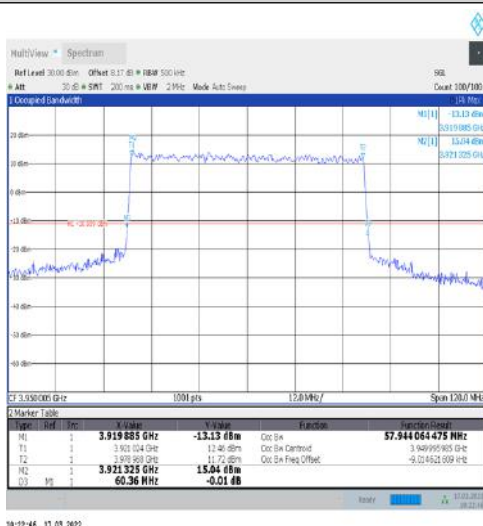
Page: 90 of 163



1-N77-3700-3980-30-60-H-1-DFT-QPSK-Outer_Full-162@0-Ant1-57.791-60.480-≤60-PASS



1-N77-3700-3980-30-60-H-2-DFT-PI2BPSK-Outer_Full-162@0-Ant1-57.856-60.480-≤60-PASS



1-N77-3700-3980-30-60-H-3-DFT-16QAM-Outer_Full-162@0-Ant1-57.944-60.360-≤60-PASS



1-N77-3700-3980-30-60-H-4-DFT-64QAM-Outer_Full-162@0-Ant1-57.913-60.600-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易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

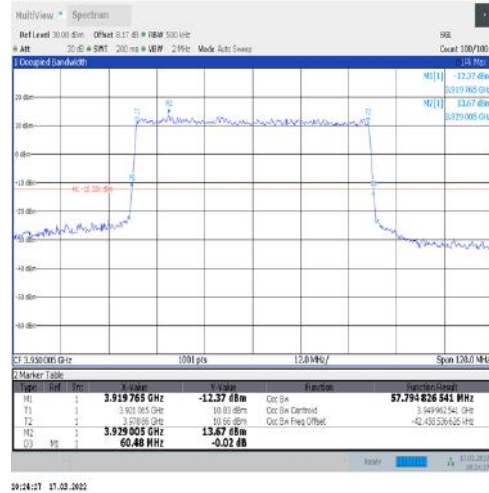
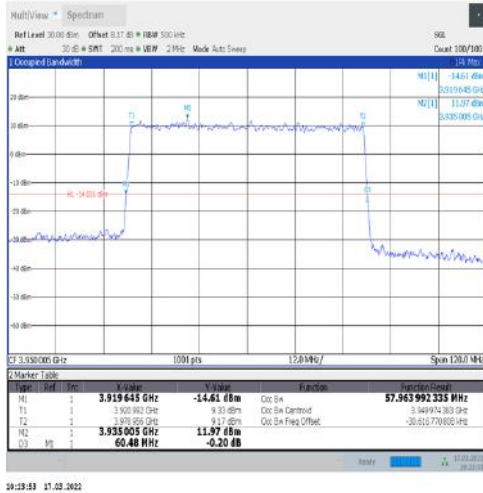
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

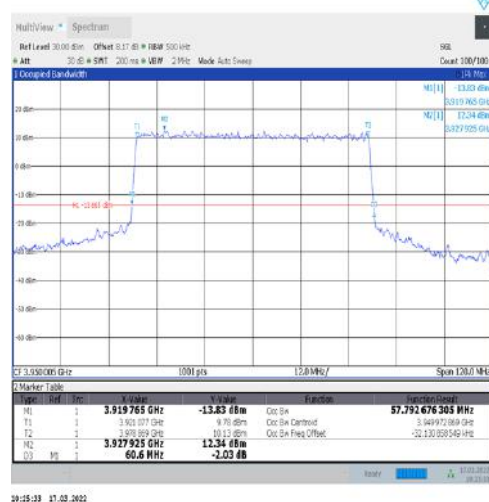
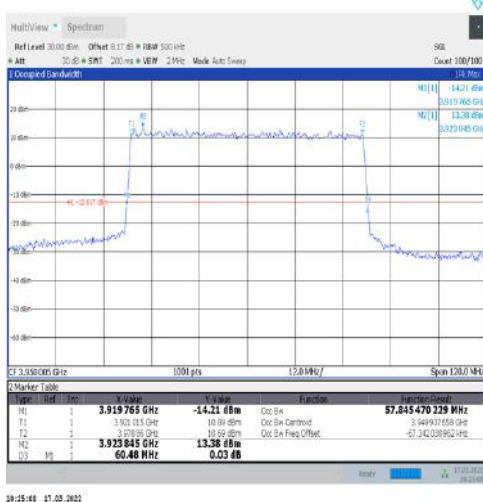
Rev.: 01

Page: 91 of 163



1-N77-3700-3980-30-60-H-5-DFT-256QAM-Outer_Full-162@0-Ant1-57.964-60.480-≤60-PASS

1-N77-3700-3980-30-60-H-6-CP-QPSK-Outer_Full-162@0-Ant1-57.795-60.480-≤60-PASS



1-N77-3700-3980-30-60-H-7-CP-16QAM-Outer_Full-162@0-Ant1-57.845-60.480-≤60-PASS

1-N77-3700-3980-30-60-H-8-CP-64QAM-Outer_Full-162@0-Ant1-57.793-60.600-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易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

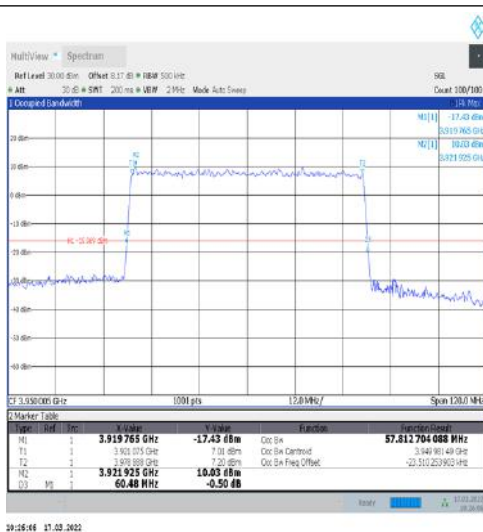
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

Rev.: 01

Page: 92 of 163



1-N77-3700-3980-30-60-H-9-CP-256QAM-Outer_Full-162@0-Ant1-57.813-60.480-≤60-PASS



1-N77-3700-3980-30-70-L-1-DFT-QPSK-Outer_Full-180@0-Ant1-64.279-66.920-≤70-PASS



1-N77-3700-3980-30-70-L-2-DFT-PI2BPSK-Outer_Full-180@0-Ant1-64.236-67.200-≤70-PASS



1-N77-3700-3980-30-70-L-3-DFT-16QAM-Outer_Full-180@0-Ant1-64.204-66.780-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国 (江苏) 自由贸易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

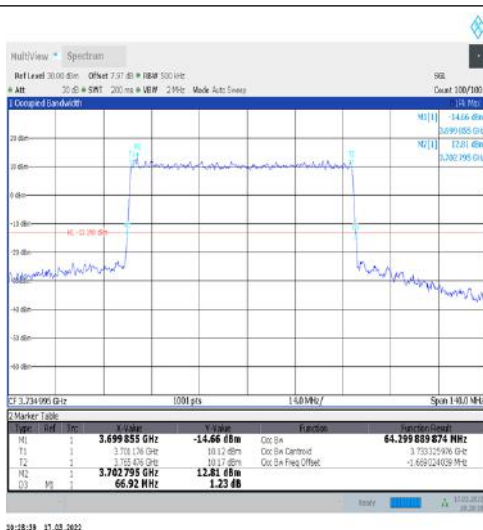
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

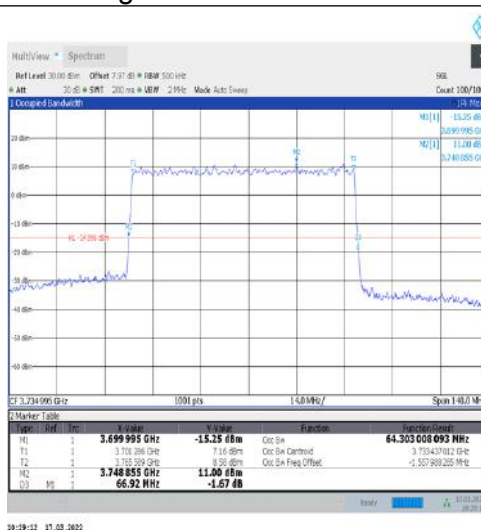
Report No.: SUZR/2022/1002202

Rev.: 01

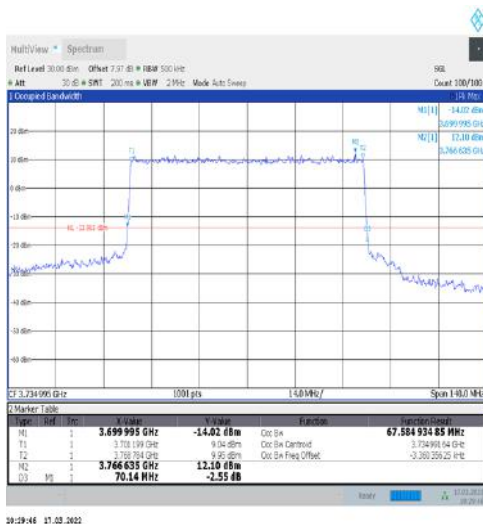
Page: 93 of 163



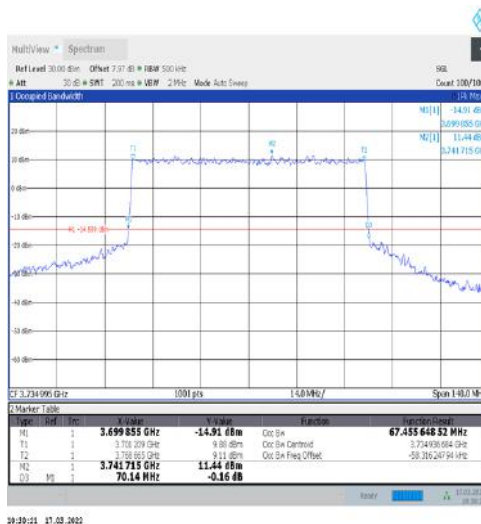
1-N77-3700-3980-30-70-L-4-DFT-64QAM-Outer_Full-180@0-Ant1-64.3-66.920-≤70-PASS



1-N77-3700-3980-30-70-L-5-DFT-256QAM-Outer_Full-180@0-Ant1-64.303-66.920-≤70-PASS



1-N77-3700-3980-30-70-L-6-CP-QPSK-Outer_Full-189@0-Ant1-67.585-70.140-≤70-PASS



1-N77-3700-3980-30-70-L-7-CP-16QAM-Outer_Full-189@0-Ant1-67.456-70.140-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易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

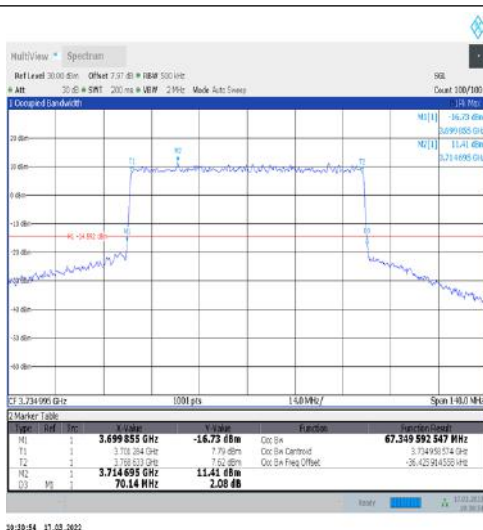
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

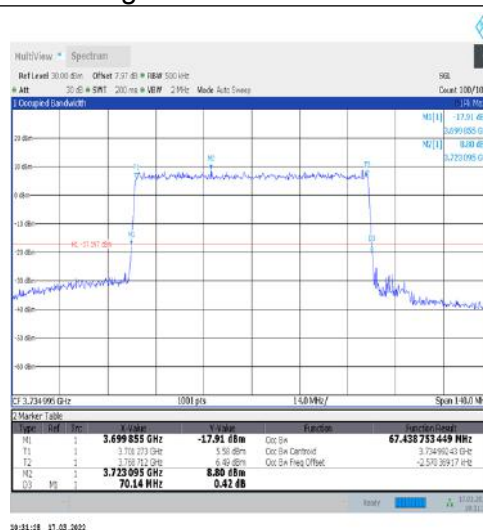
Report No.: SUZR/2022/1002202

Rev.: 01

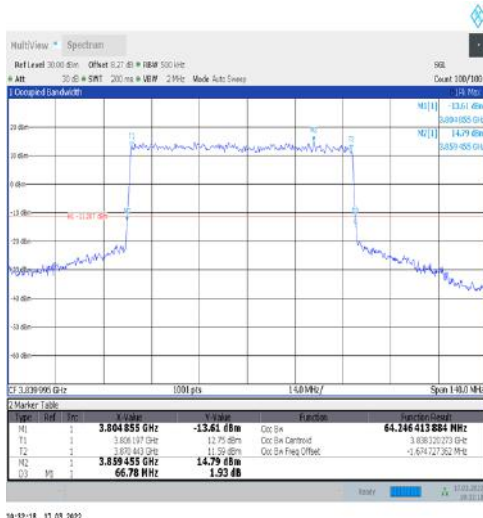
Page: 94 of 163



1-N77-3700-3980-30-70-L-8-CP-64QAM-Outer_Full-189@0-Ant1-67.35-70.140-≤70-PASS



1-N77-3700-3980-30-70-L-9-CP-256QAM-Outer_Full-189@0-Ant1-67.439-70.140-≤70-PASS



1-N77-3700-3980-30-70-M-1-DFT-QPSK-Outer_Full-180@0-Ant1-64.246-66.780-≤70-PASS



1-N77-3700-3980-30-70-M-2-DFT-P12BPSK-Outer_Full-180@0-Ant1-64.327-67.200-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易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

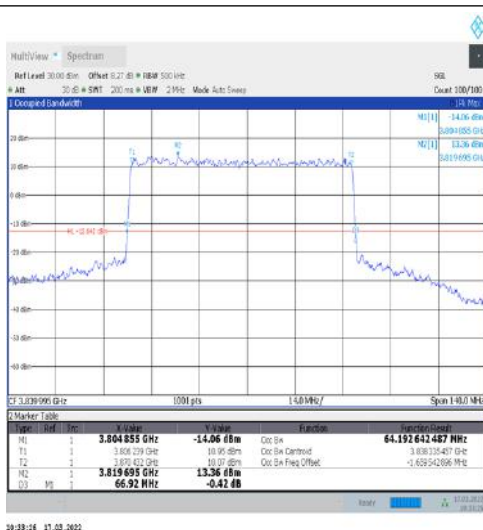
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

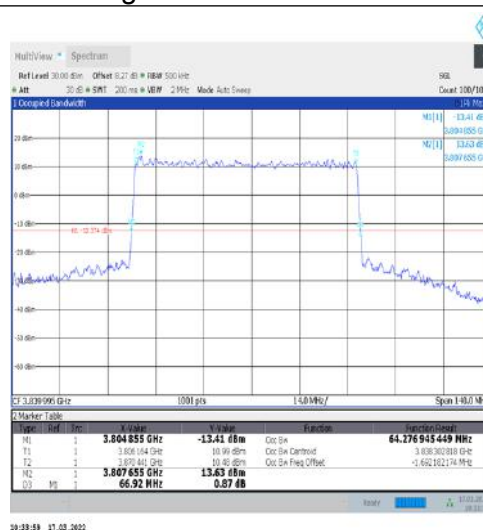
Report No.: SUZR/2022/1002202

Rev.: 01

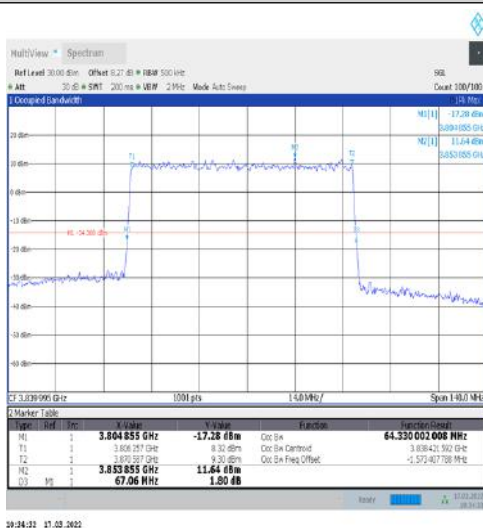
Page: 95 of 163



1-N77-3700-3980-30-70-M-3-DFT-16QAM-Outer_Full-180@0-Ant1-64.193-66.920-≤70-PASS



1-N77-3700-3980-30-70-M-4-DFT-64QAM-Outer_Full-180@0-Ant1-64.276-66.920-≤70-PASS



1-N77-3700-3980-30-70-M-5-DFT-256QAM-Outer_Full-180@0-Ant1-64.33-67.060-≤70-PASS



1-N77-3700-3980-30-70-M-6-CP-QPSK-Outer_Full-189@0-Ant1-67.541-70.280-≤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. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易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

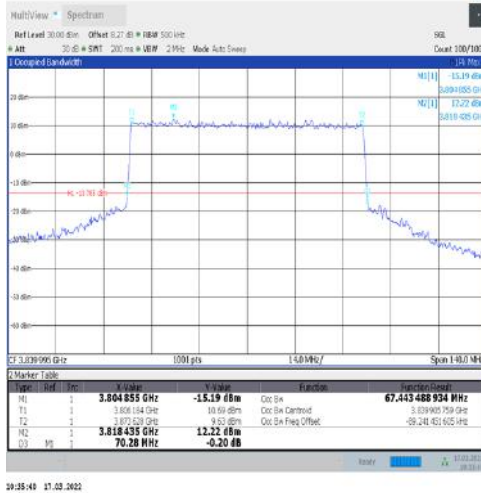
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

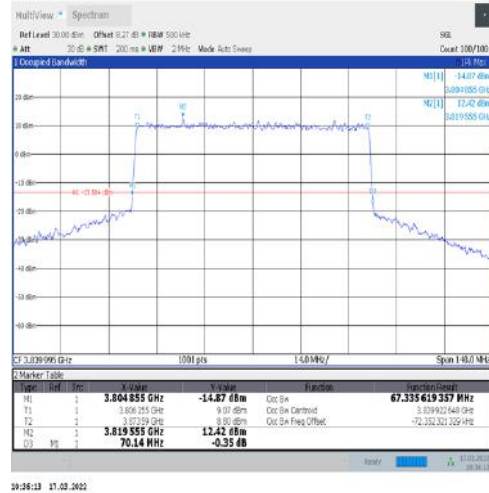
Report No.: SUZR/2022/1002202

Rev.: 01

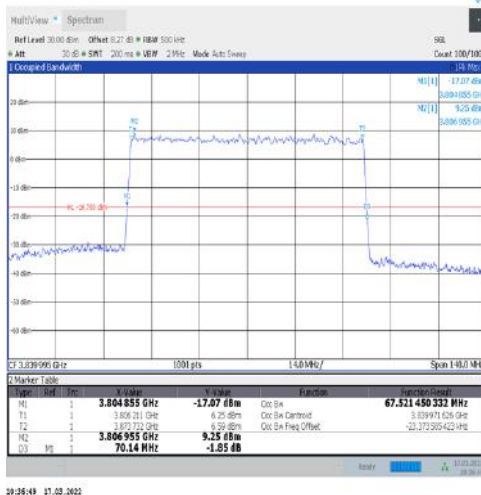
Page: 96 of 163



1-N77-3700-3980-30-70-M-7-CP-16QAM-Outer_Full-189@0-Ant1-67.443-70.280-≤70-PASS



1-N77-3700-3980-30-70-M-8-CP-64QAM-Outer_Full-189@0-Ant1-67.336-70.140-≤70-PASS



1-N77-3700-3980-30-70-M-9-CP-256QAM-Outer_Full-189@0-Ant1-67.521-70.140-≤70-PASS



1-N77-3700-3980-30-70-H-1-DFT-QPSK-Outer_Full-180@0-Ant1-64.154-67.060-≤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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

South of No. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易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)

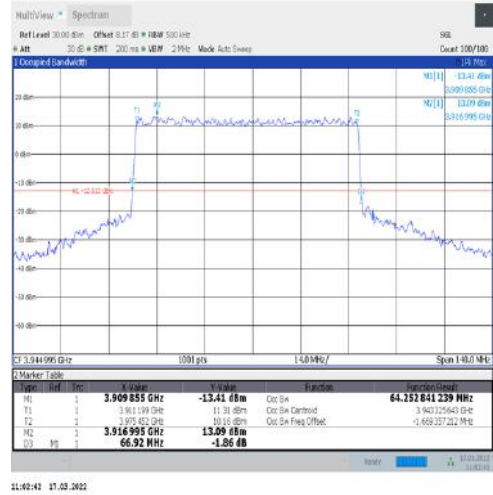
Report No.: SUZR/2022/1002202

Rev.: 01

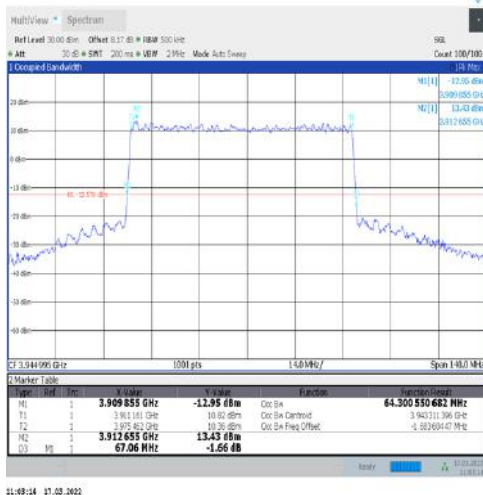
Page: 97 of 163



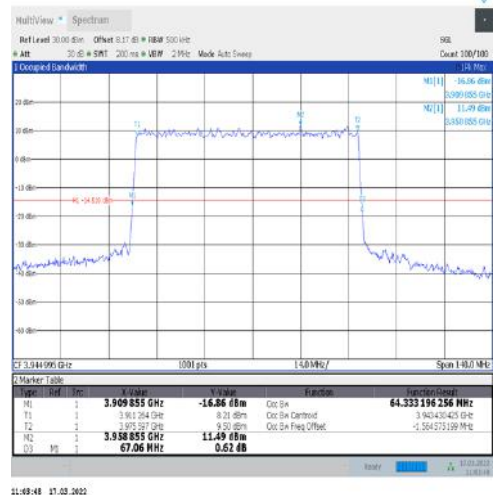
1-N77-3700-3980-30-70-H-2-DFT-PI2BPSK-Outer_Full-180@0-Ant1-64.251-67.200-≤70-PASS



1-N77-3700-3980-30-70-H-3-DFT-16QAM-Outer_Full-180@0-Ant1-64.253-66.920-≤70-PASS



1-N77-3700-3980-30-70-H-4-DFT-64QAM-Outer_Full-180@0-Ant1-64.301-67.060-≤70-PASS



1-N77-3700-3980-30-70-H-5-DFT-256QAM-Outer_Full-180@0-Ant1-64.333-67.060-≤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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

South of No. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn

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

Member of the SGS Group (SGS SA)