



Report No.: SUCR240100001702

Rev.: 01

Page: 51 of 168

N78-3450-3550	30	40	DFT-16QAM	H	Outer_Full	24.23	23.56	26.92	26.28	30	PASS
N78-3450-3550	30	40	DFT-64QAM	H	Inner_1RB_Left	24.19	23.42	26.83	26.19	30	PASS
N78-3450-3550	30	40	DFT-64QAM	H	Inner_1RB_Right	24.19	24.13	27.17	26.53	30	PASS
N78-3450-3550	30	40	DFT-64QAM	H	Outer_Full	24.18	23.59	26.91	26.27	30	PASS
N78-3450-3550	30	40	DFT-256QAM	H	Inner_1RB_Left	20.58	20.3	23.45	22.81	30	PASS
N78-3450-3550	30	40	DFT-256QAM	H	Inner_1RB_Right	20.74	20.6	23.68	23.04	30	PASS
N78-3450-3550	30	40	DFT-256QAM	H	Outer_Full	21.58	21.02	24.32	23.68	30	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	L	Inner_1RB_Left	26.48	25.37	28.97	28.33	30	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	L	Inner_1RB_Right	26.68	25.56	29.17	28.53	30	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	L	Outer_Full	24.71	24.37	27.55	26.91	30	PASS
N78-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Left	26.12	26.23	29.19	28.55	30	PASS
N78-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Right	26.59	25.88	29.26	28.62	30	PASS
N78-3450-3550	30	50	DFT-QPSK	L	Outer_Full	25.02	24.19	27.64	27	30	PASS
N78-3450-3550	30	50	DFT-16QAM	L	Inner_1RB_Left	25.33	24.69	28.03	27.39	30	PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 52 of 168

N78-3450-3550	30	50	DFT-16QAM	L	Inner_1RB_Right	25.48	24.65	28.1	27.46	30	PASS
N78-3450-3550	30	50	DFT-16QAM	L	Outer_Full	24.43	23.51	27	26.36	30	PASS
N78-3450-3550	30	50	DFT-64QAM	L	Inner_1RB_Left	23.69	23.65	26.68	26.04	30	PASS
N78-3450-3550	30	50	DFT-64QAM	L	Inner_1RB_Right	24.05	22.99	26.56	25.92	30	PASS
N78-3450-3550	30	50	DFT-64QAM	L	Outer_Full	23.84	23.21	26.55	25.91	30	PASS
N78-3450-3550	30	50	DFT-256QAM	L	Inner_1RB_Left	21.17	19.76	23.53	22.89	30	PASS
N78-3450-3550	30	50	DFT-256QAM	L	Inner_1RB_Right	21.37	20.29	23.87	23.23	30	PASS
N78-3450-3550	30	50	DFT-256QAM	L	Outer_Full	21.24	20.77	24.02	23.38	30	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	M	Inner_1RB_Left	26.24	25.87	29.07	28.43	30	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	M	Inner_1RB_Right	26.26	26.11	29.2	28.56	30	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	M	Outer_Full	24.81	24.16	27.51	26.87	30	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Inner_1RB_Left	26.73	26.17	29.47	28.83	30	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Inner_1RB_Right	27.01	25.92	29.51	28.87	30	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Outer_Full	24.83	24.46	27.66	27.02	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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)



Report No.: SUCR240100001702

Rev.: 01

Page: 53 of 168

N78-3450-3550	30	50	DFT-16QAM	M	Inner_1RB_Left	25.04	24.88	27.97	27.33	30	PASS
N78-3450-3550	30	50	DFT-16QAM	M	Inner_1RB_Right	25.71	25.01	28.38	27.74	30	PASS
N78-3450-3550	30	50	DFT-16QAM	M	Outer_Full	24.53	24.29	27.42	26.78	30	PASS
N78-3450-3550	30	50	DFT-64QAM	M	Inner_1RB_Left	23.95	23.38	26.68	26.04	30	PASS
N78-3450-3550	30	50	DFT-64QAM	M	Inner_1RB_Right	23.76	23.42	26.6	25.96	30	PASS
N78-3450-3550	30	50	DFT-64QAM	M	Outer_Full	23.86	23.53	26.71	26.07	30	PASS
N78-3450-3550	30	50	DFT-256QAM	M	Inner_1RB_Left	20.76	20.42	23.6	22.96	30	PASS
N78-3450-3550	30	50	DFT-256QAM	M	Inner_1RB_Right	21.33	20.31	23.86	23.22	30	PASS
N78-3450-3550	30	50	DFT-256QAM	M	Outer_Full	21.42	21.02	24.23	23.59	30	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	H	Inner_1RB_Left	26.31	26.2	29.27	28.63	30	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	H	Inner_1RB_Right	26.88	26.27	29.6	28.96	30	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	H	Outer_Full	24.48	24.45	27.48	26.84	30	PASS
N78-3450-3550	30	50	DFT-QPSK	H	Inner_1RB_Left	25.98	25.97	28.99	28.35	30	PASS
N78-3450-3550	30	50	DFT-QPSK	H	Inner_1RB_Right	26.16	25.95	29.07	28.43	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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)



Report No.: SUCR240100001702

Rev.: 01

Page: 54 of 168

N78-3450-3550	30	50	DFT-QPSK	H	Outer_Full	24.55	24.43	27.5	26.86	30	PASS
N78-3450-3550	30	50	DFT-16QAM	H	Inner_1RB_Left	25.31	25	28.17	27.53	30	PASS
N78-3450-3550	30	50	DFT-16QAM	H	Inner_1RB_Right	25.78	25.03	28.43	27.79	30	PASS
N78-3450-3550	30	50	DFT-16QAM	H	Outer_Full	24.42	23.84	27.15	26.51	30	PASS
N78-3450-3550	30	50	DFT-64QAM	H	Inner_1RB_Left	23.96	23.39	26.69	26.05	30	PASS
N78-3450-3550	30	50	DFT-64QAM	H	Inner_1RB_Right	24.34	23.39	26.9	26.26	30	PASS
N78-3450-3550	30	50	DFT-64QAM	H	Outer_Full	23.74	23.57	26.67	26.03	30	PASS
N78-3450-3550	30	50	DFT-256QAM	H	Inner_1RB_Left	20.73	20.7	23.73	23.09	30	PASS
N78-3450-3550	30	50	DFT-256QAM	H	Inner_1RB_Right	20.78	20.39	23.6	22.96	30	PASS
N78-3450-3550	30	50	DFT-256QAM	H	Outer_Full	20.93	21.09	24.02	23.38	30	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	L	Inner_1RB_Left	26.3	25.77	29.05	28.41	30	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	L	Inner_1RB_Right	26.59	26.32	29.47	28.83	30	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	L	Outer_Full	24.98	24.48	27.75	27.11	30	PASS
N78-3450-3550	30	60	DFT-QPSK	L	Inner_1RB_Left	26.21	25.78	29.01	28.37	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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)



Report No.: SUCR240100001702

Rev.: 01

Page: 55 of 168

N78-3450-3550	30	60	DFT-QPSK	L	Inner_1RB_Right	26.48	25.69	29.11	28.47	30	PASS
N78-3450-3550	30	60	DFT-QPSK	L	Outer_Full	24.6	24.45	27.54	26.9	30	PASS
N78-3450-3550	30	60	DFT-16QAM	L	Inner_1RB_Left	25.48	24.91	28.21	27.57	30	PASS
N78-3450-3550	30	60	DFT-16QAM	L	Inner_1RB_Right	25.5	24.86	28.2	27.56	30	PASS
N78-3450-3550	30	60	DFT-16QAM	L	Outer_Full	24.3	23.72	27.03	26.39	30	PASS
N78-3450-3550	30	60	DFT-64QAM	L	Inner_1RB_Left	23.59	23.37	26.49	25.85	30	PASS
N78-3450-3550	30	60	DFT-64QAM	L	Inner_1RB_Right	23.92	23.29	26.63	25.99	30	PASS
N78-3450-3550	30	60	DFT-64QAM	L	Outer_Full	23.38	23.17	26.29	25.65	30	PASS
N78-3450-3550	30	60	DFT-256QAM	L	Inner_1RB_Left	21.06	20.2	23.66	23.02	30	PASS
N78-3450-3550	30	60	DFT-256QAM	L	Inner_1RB_Right	21.17	20.8	24	23.36	30	PASS
N78-3450-3550	30	60	DFT-256QAM	L	Outer_Full	21.33	20.8	24.08	23.44	30	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	M	Inner_1RB_Left	26.23	25.78	29.02	28.38	30	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	M	Inner_1RB_Right	26.29	25.92	29.12	28.48	30	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	M	Outer_Full	24.83	24.4	27.63	26.99	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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 56 of 168

N78-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Left	26.63	26.18	29.42	28.78	30	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Right	26.63	26.29	29.47	28.83	30	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Outer_Full	25.22	24.27	27.78	27.14	30	PASS
N78-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Left	25.56	25.11	28.35	27.71	30	PASS
N78-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Right	25.37	24.8	28.1	27.46	30	PASS
N78-3450-3550	30	60	DFT-16QAM	M	Outer_Full	24.48	23.89	27.21	26.57	30	PASS
N78-3450-3550	30	60	DFT-64QAM	M	Inner_1RB_Left	24.12	23.6	26.88	26.24	30	PASS
N78-3450-3550	30	60	DFT-64QAM	M	Inner_1RB_Right	24.43	24.03	27.24	26.6	30	PASS
N78-3450-3550	30	60	DFT-64QAM	M	Outer_Full	23.83	23.4	26.63	25.99	30	PASS
N78-3450-3550	30	60	DFT-256QAM	M	Inner_1RB_Left	21.31	20.27	23.83	23.19	30	PASS
N78-3450-3550	30	60	DFT-256QAM	M	Inner_1RB_Right	20.93	20.77	23.86	23.22	30	PASS
N78-3450-3550	30	60	DFT-256QAM	M	Outer_Full	21.46	20.74	24.13	23.49	30	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	H	Inner_1RB_Left	26.61	26.09	29.37	28.73	30	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	H	Inner_1RB_Right	26.61	25.92	29.29	28.65	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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)



Report No.: SUCR240100001702

Rev.: 01

Page: 57 of 168

N78-3450-3550	30	60	DFT-PI2BPSK	H	Outer_Full	25.05	24.44	27.77	27.13	30	PASS
N78-3450-3550	30	60	DFT-QPSK	H	Inner_1RB_Left	26.7	25.82	29.29	28.65	30	PASS
N78-3450-3550	30	60	DFT-QPSK	H	Inner_1RB_Right	25.99	25.59	28.8	28.16	30	PASS
N78-3450-3550	30	60	DFT-QPSK	H	Outer_Full	25.28	24.55	27.94	27.3	30	PASS
N78-3450-3550	30	60	DFT-16QAM	H	Inner_1RB_Left	25.85	25.61	28.74	28.1	30	PASS
N78-3450-3550	30	60	DFT-16QAM	H	Inner_1RB_Right	25.58	25.13	28.37	27.73	30	PASS
N78-3450-3550	30	60	DFT-16QAM	H	Outer_Full	24.1	23.54	26.84	26.2	30	PASS
N78-3450-3550	30	60	DFT-64QAM	H	Inner_1RB_Left	23.93	23.74	26.85	26.21	30	PASS
N78-3450-3550	30	60	DFT-64QAM	H	Inner_1RB_Right	24.03	23.57	26.82	26.18	30	PASS
N78-3450-3550	30	60	DFT-64QAM	H	Outer_Full	23.5	23.02	26.28	25.64	30	PASS
N78-3450-3550	30	60	DFT-256QAM	H	Inner_1RB_Left	21.23	20.47	23.88	23.24	30	PASS
N78-3450-3550	30	60	DFT-256QAM	H	Inner_1RB_Right	20.33	20.36	23.36	22.72	30	PASS
N78-3450-3550	30	60	DFT-256QAM	H	Outer_Full	21.15	21.19	24.18	23.54	30	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	L	Inner_1RB_Left	26.33	25.5	28.95	28.31	30	PASS



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

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

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

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

Member of the SGS Group (SGS SA)



Report No.: SUCR240100001702

Rev.: 01

Page: 58 of 168

N78-3450-3550	30	70	DFT-PI2BPSK	L	Inner_1RB_Right	26.13	25.8	28.98	28.34	30	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	L	Outer_Full	24.77	24.4	27.6	26.96	30	PASS
N78-3450-3550	30	70	DFT-QPSK	L	Inner_1RB_Left	26.5	25.72	29.14	28.5	30	PASS
N78-3450-3550	30	70	DFT-QPSK	L	Inner_1RB_Right	26.45	26.2	29.34	28.7	30	PASS
N78-3450-3550	30	70	DFT-QPSK	L	Outer_Full	24.99	24.45	27.74	27.1	30	PASS
N78-3450-3550	30	70	DFT-16QAM	L	Inner_1RB_Left	25.29	24.41	27.88	27.24	30	PASS
N78-3450-3550	30	70	DFT-16QAM	L	Inner_1RB_Right	25.46	25.06	28.27	27.63	30	PASS
N78-3450-3550	30	70	DFT-16QAM	L	Outer_Full	24.43	24.28	27.37	26.73	30	PASS
N78-3450-3550	30	70	DFT-64QAM	L	Inner_1RB_Left	23.62	23.38	26.51	25.87	30	PASS
N78-3450-3550	30	70	DFT-64QAM	L	Inner_1RB_Right	24.25	23.59	26.94	26.3	30	PASS
N78-3450-3550	30	70	DFT-64QAM	L	Outer_Full	23.98	23.37	26.7	26.06	30	PASS
N78-3450-3550	30	70	DFT-256QAM	L	Inner_1RB_Left	20.48	20.14	23.32	22.68	30	PASS
N78-3450-3550	30	70	DFT-256QAM	L	Inner_1RB_Right	20.96	20.27	23.64	23	30	PASS
N78-3450-3550	30	70	DFT-256QAM	L	Outer_Full	21.06	20.47	23.79	23.15	30	PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 59 of 168

N78-3450-3550	30	70	DFT-PI2BPSK	M	Inner_1RB_Left	26.43	25.98	29.22	28.58	30	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	M	Inner_1RB_Right	26.4	25.73	29.09	28.45	30	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	M	Outer_Full	25.31	24.4	27.89	27.25	30	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Inner_1RB_Left	26.77	25.7	29.28	28.64	30	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Inner_1RB_Right	26.69	26.2	29.46	28.82	30	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Outer_Full	24.91	24.61	27.77	27.13	30	PASS
N78-3450-3550	30	70	DFT-16QAM	M	Inner_1RB_Left	25.17	24.74	27.97	27.33	30	PASS
N78-3450-3550	30	70	DFT-16QAM	M	Inner_1RB_Right	25.12	25.14	28.14	27.5	30	PASS
N78-3450-3550	30	70	DFT-16QAM	M	Outer_Full	24.63	23.47	27.1	26.46	30	PASS
N78-3450-3550	30	70	DFT-64QAM	M	Inner_1RB_Left	24.3	23.35	26.86	26.22	30	PASS
N78-3450-3550	30	70	DFT-64QAM	M	Inner_1RB_Right	24.06	23.59	26.84	26.2	30	PASS
N78-3450-3550	30	70	DFT-64QAM	M	Outer_Full	23.89	23.25	26.59	25.95	30	PASS
N78-3450-3550	30	70	DFT-256QAM	M	Inner_1RB_Left	20.79	20.35	23.59	22.95	30	PASS
N78-3450-3550	30	70	DFT-256QAM	M	Inner_1RB_Right	21.15	20.53	23.86	23.22	30	PASS



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

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

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

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

Member of the SGS Group (SGS SA)



Report No.: SUCR240100001702

Rev.: 01

Page: 60 of 168

N78-3450-3550	30	70	DFT-256QAM	M	Outer_Full	21.52	21.23	24.39	23.75	30	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	H	Inner_1RB_Left	26.3	25.56	28.96	28.32	30	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	H	Inner_1RB_Right	26.33	26.18	29.27	28.63	30	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	H	Outer_Full	25.02	24.42	27.74	27.1	30	PASS
N78-3450-3550	30	70	DFT-QPSK	H	Inner_1RB_Left	26.59	25.74	29.2	28.56	30	PASS
N78-3450-3550	30	70	DFT-QPSK	H	Inner_1RB_Right	26.37	26.09	29.24	28.6	30	PASS
N78-3450-3550	30	70	DFT-QPSK	H	Outer_Full	24.81	24.85	27.84	27.2	30	PASS
N78-3450-3550	30	70	DFT-16QAM	H	Inner_1RB_Left	25.16	24.86	28.02	27.38	30	PASS
N78-3450-3550	30	70	DFT-16QAM	H	Inner_1RB_Right	25.2	24.64	27.94	27.3	30	PASS
N78-3450-3550	30	70	DFT-16QAM	H	Outer_Full	24.4	24.11	27.27	26.63	30	PASS
N78-3450-3550	30	70	DFT-64QAM	H	Inner_1RB_Left	24.07	23.26	26.69	26.05	30	PASS
N78-3450-3550	30	70	DFT-64QAM	H	Inner_1RB_Right	23.71	23.79	26.76	26.12	30	PASS
N78-3450-3550	30	70	DFT-64QAM	H	Outer_Full	23.96	23.67	26.83	26.19	30	PASS
N78-3450-3550	30	70	DFT-256QAM	H	Inner_1RB_Left	20.81	20.21	23.53	22.89	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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 61 of 168

N78-3450-3550	30	70	DFT-256QAM	H	Inner_1RB_Right	21.03	20.58	23.82	23.18	30	PASS
N78-3450-3550	30	70	DFT-256QAM	H	Outer_Full	21.41	21.22	24.33	23.69	30	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	L	Inner_1RB_Left	26.64	26.19	29.43	28.79	30	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	L	Inner_1RB_Right	26.46	26.02	29.26	28.62	30	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	L	Outer_Full	24.65	24.04	27.37	26.73	30	PASS
N78-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Left	26.64	25.63	29.17	28.53	30	PASS
N78-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Right	26.89	25.84	29.41	28.77	30	PASS
N78-3450-3550	30	80	DFT-QPSK	L	Outer_Full	25.03	23.8	27.47	26.83	30	PASS
N78-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Left	25.66	24.63	28.19	27.55	30	PASS
N78-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Right	25.46	24.66	28.09	27.45	30	PASS
N78-3450-3550	30	80	DFT-16QAM	L	Outer_Full	24.33	23.48	26.94	26.3	30	PASS
N78-3450-3550	30	80	DFT-64QAM	L	Inner_1RB_Left	23.93	23.79	26.87	26.23	30	PASS
N78-3450-3550	30	80	DFT-64QAM	L	Inner_1RB_Right	24.32	23.54	26.96	26.32	30	PASS
N78-3450-3550	30	80	DFT-64QAM	L	Outer_Full	23.82	23.27	26.56	25.92	30	PASS



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

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

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

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

Member of the SGS Group (SGS SA)



Report No.: SUCR240100001702

Rev.: 01

Page: 62 of 168

N78-3450-3550	30	80	DFT-256QAM	L	Inner_1RB_Left	20.6	20.67	23.65	23.01	30	PASS
N78-3450-3550	30	80	DFT-256QAM	L	Inner_1RB_Right	21.2	20.15	23.72	23.08	30	PASS
N78-3450-3550	30	80	DFT-256QAM	L	Outer_Full	22.01	21.42	24.74	24.1	30	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	M	Inner_1RB_Left	26.67	25.97	29.34	28.7	30	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	M	Inner_1RB_Right	26.35	25.86	29.12	28.48	30	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	M	Outer_Full	24.88	24.14	27.54	26.9	30	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Inner_1RB_Left	26.3	26.08	29.2	28.56	30	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Inner_1RB_Right	26.44	25.85	29.17	28.53	30	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Outer_Full	25.26	24.17	27.76	27.12	30	PASS
N78-3450-3550	30	80	DFT-16QAM	M	Inner_1RB_Left	25.27	24.32	27.83	27.19	30	PASS
N78-3450-3550	30	80	DFT-16QAM	M	Inner_1RB_Right	25.16	25.11	28.15	27.51	30	PASS
N78-3450-3550	30	80	DFT-16QAM	M	Outer_Full	24.44	23.91	27.19	26.55	30	PASS
N78-3450-3550	30	80	DFT-64QAM	M	Inner_1RB_Left	24.11	23.61	26.88	26.24	30	PASS
N78-3450-3550	30	80	DFT-64QAM	M	Inner_1RB_Right	24.03	23.87	26.96	26.32	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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)



Report No.: SUCR240100001702

Rev.: 01

Page: 63 of 168

N78-3450-3550	30	80	DFT-64QAM	M	Outer_Full	23.96	23.84	26.91	26.27	30	PASS
N78-3450-3550	30	80	DFT-256QAM	M	Inner_1RB_Left	20.78	20.39	23.6	22.96	30	PASS
N78-3450-3550	30	80	DFT-256QAM	M	Inner_1RB_Right	20.54	20.43	23.5	22.86	30	PASS
N78-3450-3550	30	80	DFT-256QAM	M	Outer_Full	21.08	20.71	23.91	23.27	30	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	H	Inner_1RB_Left	26.62	25.99	29.33	28.69	30	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	H	Inner_1RB_Right	26.6	26.26	29.44	28.8	30	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	H	Outer_Full	24.25	24.45	27.36	26.72	30	PASS
N78-3450-3550	30	80	DFT-QPSK	H	Inner_1RB_Left	26.67	26.07	29.39	28.75	30	PASS
N78-3450-3550	30	80	DFT-QPSK	H	Inner_1RB_Right	26.57	26.21	29.4	28.76	30	PASS
N78-3450-3550	30	80	DFT-QPSK	H	Outer_Full	24.75	24.57	27.67	27.03	30	PASS
N78-3450-3550	30	80	DFT-16QAM	H	Inner_1RB_Left	25.62	24.67	28.18	27.54	30	PASS
N78-3450-3550	30	80	DFT-16QAM	H	Inner_1RB_Right	25.33	24.99	28.17	27.53	30	PASS
N78-3450-3550	30	80	DFT-16QAM	H	Outer_Full	24.29	24.15	27.23	26.59	30	PASS
N78-3450-3550	30	80	DFT-64QAM	H	Inner_1RB_Left	24.34	23.83	27.1	26.46	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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)



Report No.: SUCR240100001702

Rev.: 01

Page: 64 of 168

N78-3450-3550	30	80	DFT-64QAM	H	Inner_1RB_Right	24.17	23.61	26.91	26.27	30	PASS
N78-3450-3550	30	80	DFT-64QAM	H	Outer_Full	23.83	23.49	26.67	26.03	30	PASS
N78-3450-3550	30	80	DFT-256QAM	H	Inner_1RB_Left	21.31	20.4	23.89	23.25	30	PASS
N78-3450-3550	30	80	DFT-256QAM	H	Inner_1RB_Right	20.8	20.12	23.48	22.84	30	PASS
N78-3450-3550	30	80	DFT-256QAM	H	Outer_Full	21.64	21.05	24.37	23.73	30	PASS
N78-3450-3550	30	90	DFT-PI2BPSK	L	Inner_1RB_Left	26.25	25.57	28.93	28.29	30	PASS
N78-3450-3550	30	90	DFT-PI2BPSK	L	Inner_1RB_Right	26.17	26.15	29.17	28.53	30	PASS
N78-3450-3550	30	90	DFT-PI2BPSK	L	Outer_Full	24.48	24.23	27.37	26.73	30	PASS
N78-3450-3550	30	90	DFT-QPSK	L	Inner_1RB_Left	26.32	25.92	29.13	28.49	30	PASS
N78-3450-3550	30	90	DFT-QPSK	L	Inner_1RB_Right	26.51	26.1	29.32	28.68	30	PASS
N78-3450-3550	30	90	DFT-QPSK	L	Outer_Full	25.12	24.82	27.98	27.34	30	PASS
N78-3450-3550	30	90	DFT-16QAM	L	Inner_1RB_Left	25.47	25.2	28.35	27.71	30	PASS
N78-3450-3550	30	90	DFT-16QAM	L	Inner_1RB_Right	25.2	24.69	27.96	27.32	30	PASS
N78-3450-3550	30	90	DFT-16QAM	L	Outer_Full	24.47	23.59	27.06	26.42	30	PASS



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

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

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

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

Member of the SGS Group (SGS SA)



Report No.: SUCR240100001702

Rev.: 01

Page: 65 of 168

N78-3450-3550	30	90	DFT-64QAM	L	Inner_1RB_Left	24.26	23.37	26.85	26.21	30	PASS
N78-3450-3550	30	90	DFT-64QAM	L	Inner_1RB_Right	24.11	23.6	26.87	26.23	30	PASS
N78-3450-3550	30	90	DFT-64QAM	L	Outer_Full	23.91	23.77	26.85	26.21	30	PASS
N78-3450-3550	30	90	DFT-256QAM	L	Inner_1RB_Left	20.73	19.99	23.39	22.75	30	PASS
N78-3450-3550	30	90	DFT-256QAM	L	Inner_1RB_Right	21.51	21.04	24.29	23.65	30	PASS
N78-3450-3550	30	90	DFT-256QAM	L	Outer_Full	21.46	20.85	24.18	23.54	30	PASS
N78-3450-3550	30	90	DFT-PI2BPSK	M	Inner_1RB_Left	26.49	26	29.26	28.62	30	PASS
N78-3450-3550	30	90	DFT-PI2BPSK	M	Inner_1RB_Right	26.67	26.05	29.38	28.74	30	PASS
N78-3450-3550	30	90	DFT-PI2BPSK	M	Outer_Full	24.97	24.47	27.74	27.1	30	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Inner_1RB_Left	26.42	25.89	29.17	28.53	30	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Inner_1RB_Right	26.39	26.01	29.21	28.57	30	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Outer_Full	25.01	24.23	27.65	27.01	30	PASS
N78-3450-3550	30	90	DFT-16QAM	M	Inner_1RB_Left	25.71	24.87	28.32	27.68	30	PASS
N78-3450-3550	30	90	DFT-16QAM	M	Inner_1RB_Right	25.7	25	28.37	27.73	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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)



Report No.: SUCR240100001702

Rev.: 01

Page: 66 of 168

N78-3450-3550	30	90	DFT-16QAM	M	Outer_Full	24.45	24.01	27.25	26.61	30	PASS
N78-3450-3550	30	90	DFT-64QAM	M	Inner_1RB_Left	23.78	23.58	26.69	26.05	30	PASS
N78-3450-3550	30	90	DFT-64QAM	M	Inner_1RB_Right	24.04	23.87	26.97	26.33	30	PASS
N78-3450-3550	30	90	DFT-64QAM	M	Outer_Full	24.2	23.64	26.94	26.3	30	PASS
N78-3450-3550	30	90	DFT-256QAM	M	Inner_1RB_Left	20.98	20.46	23.74	23.1	30	PASS
N78-3450-3550	30	90	DFT-256QAM	M	Inner_1RB_Right	21.03	20.72	23.89	23.25	30	PASS
N78-3450-3550	30	90	DFT-256QAM	M	Outer_Full	21.26	20.86	24.07	23.43	30	PASS
N78-3450-3550	30	90	DFT-PI2BPSK	H	Inner_1RB_Left	26.23	25.94	29.1	28.46	30	PASS
N78-3450-3550	30	90	DFT-PI2BPSK	H	Inner_1RB_Right	26.75	26.06	29.43	28.79	30	PASS
N78-3450-3550	30	90	DFT-PI2BPSK	H	Outer_Full	24.69	24.86	27.79	27.15	30	PASS
N78-3450-3550	30	90	DFT-QPSK	H	Inner_1RB_Left	26.68	25.7	29.23	28.59	30	PASS
N78-3450-3550	30	90	DFT-QPSK	H	Inner_1RB_Right	25.94	26.24	29.1	28.46	30	PASS
N78-3450-3550	30	90	DFT-QPSK	H	Outer_Full	24.95	24.77	27.87	27.23	30	PASS
N78-3450-3550	30	90	DFT-16QAM	H	Inner_1RB_Left	25.21	24.78	28.01	27.37	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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 67 of 168

N78-3450-3550	30	90	DFT-16QAM	H	Inner_1RB_Right	25.92	24.67	28.35	27.71	30	PASS
N78-3450-3550	30	90	DFT-16QAM	H	Outer_Full	24.41	23.75	27.1	26.46	30	PASS
N78-3450-3550	30	90	DFT-64QAM	H	Inner_1RB_Left	24.01	23.12	26.6	25.96	30	PASS
N78-3450-3550	30	90	DFT-64QAM	H	Inner_1RB_Right	24.01	23.46	26.75	26.11	30	PASS
N78-3450-3550	30	90	DFT-64QAM	H	Outer_Full	24.02	23.24	26.66	26.02	30	PASS
N78-3450-3550	30	90	DFT-256QAM	H	Inner_1RB_Left	21	20.45	23.74	23.1	30	PASS
N78-3450-3550	30	90	DFT-256QAM	H	Inner_1RB_Right	20.54	20.54	23.55	22.91	30	PASS
N78-3450-3550	30	90	DFT-256QAM	H	Outer_Full	21.03	20.83	23.94	23.3	30	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	26.54	25.49	29.06	28.42	30	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	26.16	26.34	29.26	28.62	30	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	Outer_Full	24.74	24.68	27.72	27.08	30	PASS
N78-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Left	26.43	25.78	29.13	28.49	30	PASS
N78-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Right	26.97	25.98	29.51	28.87	30	PASS
N78-3450-3550	30	100	DFT-QPSK	L	Outer_Full	25.27	24.13	27.75	27.11	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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编：215000

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

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 68 of 168

N78-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Left	25.09	24.48	27.81	27.17	30	PASS
N78-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Right	25.22	25	28.12	27.48	30	PASS
N78-3450-3550	30	100	DFT-16QAM	L	Outer_Full	24.62	23.67	27.18	26.54	30	PASS
N78-3450-3550	30	100	DFT-64QAM	L	Inner_1RB_Left	23.72	23.46	26.6	25.96	30	PASS
N78-3450-3550	30	100	DFT-64QAM	L	Inner_1RB_Right	23.94	23.18	26.59	25.95	30	PASS
N78-3450-3550	30	100	DFT-64QAM	L	Outer_Full	23.76	23.62	26.7	26.06	30	PASS
N78-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Left	20.06	20.15	23.12	22.48	30	PASS
N78-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Right	21.11	20.88	24.01	23.37	30	PASS
N78-3450-3550	30	100	DFT-256QAM	L	Outer_Full	21	20.42	23.73	23.09	30	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	26.34	25.52	28.96	28.32	30	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	26.49	26.05	29.29	28.65	30	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	25.07	24.86	27.98	27.34	30	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Left	26.23	25.75	29.01	28.37	30	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Right	26.32	26.19	29.27	28.63	30	PASS



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

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

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

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

Member of the SGS Group (SGS SA)



Report No.: SUCR240100001702

Rev.: 01

Page: 69 of 168

N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	25.36	23.97	27.73	27.09	30	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Left	25.73	24.64	28.23	27.59	30	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Right	25.64	25.37	28.52	27.88	30	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Outer_Full	24.74	24.05	27.42	26.78	30	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Left	24.16	23.65	26.92	26.28	30	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Right	24.02	23.82	26.93	26.29	30	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Outer_Full	23.89	23.26	26.6	25.96	30	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Left	20.82	20.48	23.66	23.02	30	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Right	21.13	20.65	23.91	23.27	30	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	21.54	20.81	24.2	23.56	30	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	26.69	26.04	29.39	28.75	30	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	26.34	26.5	29.43	28.79	30	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	H	Outer_Full	24.78	24.74	27.77	27.13	30	PASS
N78-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Left	26.51	25.62	29.1	28.46	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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 70 of 168

N78-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Right	26.12	26.23	29.19	28.55	30	PASS
N78-3450-3550	30	100	DFT-QPSK	H	Outer_Full	24.92	24.12	27.55	26.91	30	PASS
N78-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Left	25.71	24.55	28.18	27.54	30	PASS
N78-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Right	25.18	25.07	28.14	27.5	30	PASS
N78-3450-3550	30	100	DFT-16QAM	H	Outer_Full	24.69	24.22	27.47	26.83	30	PASS
N78-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Left	24	23.21	26.63	25.99	30	PASS
N78-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Right	24.08	23.93	27.02	26.38	30	PASS
N78-3450-3550	30	100	DFT-64QAM	H	Outer_Full	24.25	23.44	26.87	26.23	30	PASS
N78-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Left	21.12	20.52	23.84	23.2	30	PASS
N78-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Right	20.83	20.83	23.84	23.2	30	PASS
N78-3450-3550	30	100	DFT-256QAM	H	Outer_Full	21.41	21.16	24.3	23.66	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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 71 of 168

Peak-to-Average Ratio for SA

Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N78-3450-3550	30	100	DFT-256QAM	L	Outer_Full	6.65	13	PASS
N78-3450-3550	30	100	CP-256QAM	L	Outer_Full	8.57	13	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	8.83	13	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	8.60	13	PASS
N78-3450-3550	30	100	DFT-256QAM	H	Outer_Full	8.76	13	PASS
N78-3450-3550	30	100	CP-256QAM	H	Outer_Full	8.60	13	PASS



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

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

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

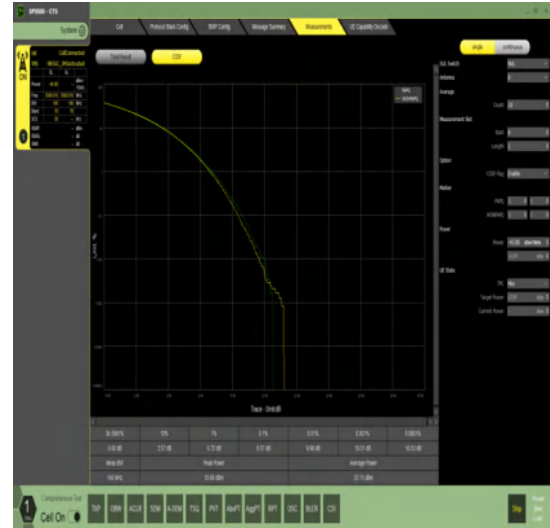
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

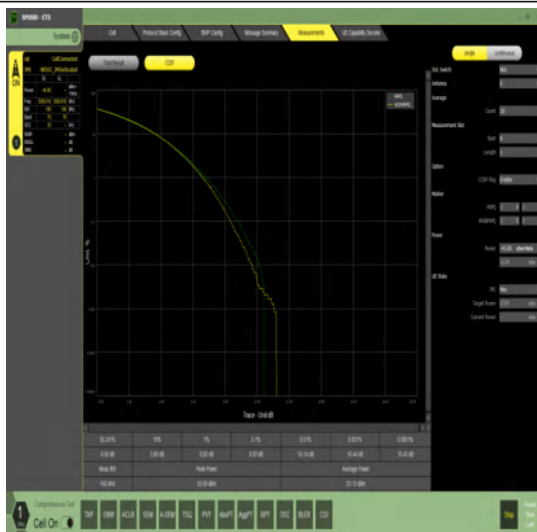
Test Graphs



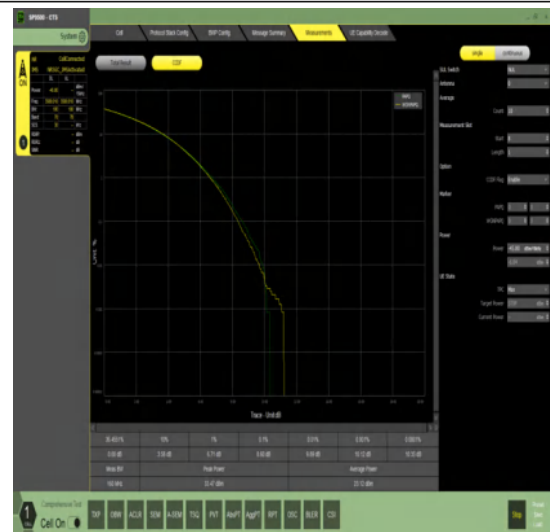
1-N78-3450-3550-30-100-L-3-DFT-256QAM-Outer_Full-270@0-25.10-25.10-19~27.5-PASS



1-N78-3450-3550-30-100-L-15-CP-256QAM-Outer_Full-273@0-23.12-23.12-19~27.5-PASS



1-N78-3450-3550-30-100-M-3-DFT-256QAM-Outer_Full-270@0-23.11-23.11-19~27.5-PASS



1-N78-3450-3550-30-100-M-15-CP-256QAM-Outer_Full-273@0-23.14-23.14-19~27.5-PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 73 of 168



1-N78-3450-3550-30-100-H-3-DFT-256QAM-Outer_Full-270@0-23.15-23.15-19~27.5-PASS



1-N78-3450-3550-30-100-H-15-CP-256QAM-Outer_Full-273@0-23.11-23.11-19~27.5-PASS



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

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

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

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

Member of the SGS Group (SGS SA)

26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N78-3450-3550	30	10	DFT-QPSK	M	Outer_Full	8.575	9.500	PASS
N78-3450-3550	30	10	DFT-PI2BPSK	M	Outer_Full	8.535	9.300	PASS
N78-3450-3550	30	10	DFT-16QAM	M	Outer_Full	8.579	9.420	PASS
N78-3450-3550	30	10	DFT-64QAM	M	Outer_Full	8.596	9.460	PASS
N78-3450-3550	30	10	DFT-256QAM	M	Outer_Full	8.576	9.680	PASS
N78-3450-3550	30	10	CP-QPSK	M	Outer_Full	8.562	9.880	PASS
N78-3450-3550	30	10	CP-16QAM	M	Outer_Full	8.574	9.760	PASS
N78-3450-3550	30	10	CP-64QAM	M	Outer_Full	8.569	9.340	PASS
N78-3450-3550	30	10	CP-256QAM	M	Outer_Full	8.572	9.280	PASS
N78-3450-3550	30	15	DFT-QPSK	M	Outer_Full	12.931	14.250	PASS
N78-3450-3550	30	15	DFT-PI2BPSK	M	Outer_Full	12.926	14.370	PASS
N78-3450-3550	30	15	DFT-16QAM	M	Outer_Full	12.894	14.550	PASS
N78-3450-3550	30	15	DFT-64QAM	M	Outer_Full	12.937	14.310	PASS
N78-3450-3550	30	15	DFT-256QAM	M	Outer_Full	12.861	14.340	PASS
N78-3450-3550	30	15	CP-QPSK	M	Outer_Full	13.641	15.300	PASS
N78-3450-3550	30	15	CP-16QAM	M	Outer_Full	13.659	14.910	PASS
N78-3450-3550	30	15	CP-64QAM	M	Outer_Full	13.638	15.000	PASS
N78-3450-3550	30	15	CP-256QAM	M	Outer_Full	13.586	15.330	PASS
N78-3450-3550	30	20	DFT-QPSK	M	Outer_Full	17.958	18.960	PASS
N78-3450-3550	30	20	DFT-PI2BPSK	M	Outer_Full	17.891	19.480	PASS
N78-3450-3550	30	20	DFT-16QAM	M	Outer_Full	17.899	19.040	PASS
N78-3450-3550	30	20	DFT-64QAM	M	Outer_Full	17.959	19.440	PASS
N78-3450-3550	30	20	DFT-256QAM	M	Outer_Full	17.863	19.200	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	18.263	19.680	PASS
N78-3450-3550	30	20	CP-16QAM	M	Outer_Full	18.231	19.280	PASS
N78-3450-3550	30	20	CP-64QAM	M	Outer_Full	18.209	19.240	PASS
N78-3450-3550	30	20	CP-256QAM	M	Outer_Full	18.169	19.360	PASS
N78-3450-3550	30	25	DFT-QPSK	M	Outer_Full	22.832	24.150	PASS
N78-3450-3550	30	25	DFT-PI2BPSK	M	Outer_Full	22.754	24.450	PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SUCR240100001702

Rev.: 01

Page: 75 of 168

N78-3450-3550	30	25	DFT-16QAM	M	Outer_Full	22.933	24.400	PASS
N78-3450-3550	30	25	DFT-64QAM	M	Outer_Full	22.723	24.550	PASS
N78-3450-3550	30	25	DFT-256QAM	M	Outer_Full	22.828	24.300	PASS
N78-3450-3550	30	25	CP-QPSK	M	Outer_Full	23.124	24.550	PASS
N78-3450-3550	30	25	CP-16QAM	M	Outer_Full	23.133	24.400	PASS
N78-3450-3550	30	25	CP-64QAM	M	Outer_Full	23.182	25.150	PASS
N78-3450-3550	30	25	CP-256QAM	M	Outer_Full	23.088	24.700	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Outer_Full	26.777	28.140	PASS
N78-3450-3550	30	30	DFT-PI2BPSK	M	Outer_Full	26.822	28.320	PASS
N78-3450-3550	30	30	DFT-16QAM	M	Outer_Full	26.823	28.140	PASS
N78-3450-3550	30	30	DFT-64QAM	M	Outer_Full	26.727	28.200	PASS
N78-3450-3550	30	30	DFT-256QAM	M	Outer_Full	26.755	28.380	PASS
N78-3450-3550	30	30	CP-QPSK	M	Outer_Full	27.846	29.880	PASS
N78-3450-3550	30	30	CP-16QAM	M	Outer_Full	27.806	29.340	PASS
N78-3450-3550	30	30	CP-64QAM	M	Outer_Full	27.86	29.520	PASS
N78-3450-3550	30	30	CP-256QAM	M	Outer_Full	27.709	29.040	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Outer_Full	35.971	38.560	PASS
N78-3450-3550	30	40	DFT-PI2BPSK	M	Outer_Full	36.012	38.480	PASS
N78-3450-3550	30	40	DFT-16QAM	M	Outer_Full	35.95	38.240	PASS
N78-3450-3550	30	40	DFT-64QAM	M	Outer_Full	36.019	38.640	PASS
N78-3450-3550	30	40	DFT-256QAM	M	Outer_Full	35.802	38.480	PASS
N78-3450-3550	30	40	CP-QPSK	M	Outer_Full	38.049	40.560	PASS
N78-3450-3550	30	40	CP-16QAM	M	Outer_Full	38.101	40.720	PASS
N78-3450-3550	30	40	CP-64QAM	M	Outer_Full	38.024	40.480	PASS
N78-3450-3550	30	40	CP-256QAM	M	Outer_Full	38.082	40.480	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Outer_Full	45.848	48.800	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	M	Outer_Full	45.806	48.300	PASS
N78-3450-3550	30	50	DFT-16QAM	M	Outer_Full	45.771	48.400	PASS
N78-3450-3550	30	50	DFT-64QAM	M	Outer_Full	45.733	48.600	PASS
N78-3450-3550	30	50	DFT-256QAM	M	Outer_Full	45.847	48.400	PASS
N78-3450-3550	30	50	CP-QPSK	M	Outer_Full	47.688	50.200	PASS
N78-3450-3550	30	50	CP-16QAM	M	Outer_Full	47.574	50.600	PASS
N78-3450-3550	30	50	CP-64QAM	M	Outer_Full	47.518	50.200	PASS
N78-3450-3550	30	50	CP-256QAM	M	Outer_Full	47.617	50.000	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Outer_Full	57.961	60.960	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	M	Outer_Full	57.94	60.960	PASS
N78-3450-3550	30	60	DFT-16QAM	M	Outer_Full	57.883	60.960	PASS



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

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

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

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

Member of the SGS Group (SGS SA)



Report No.: SUCR240100001702

Rev.: 01

Page: 76 of 168

N78-3450-3550	30	60	DFT-64QAM	M	Outer_Full	57.937	61.080	PASS
N78-3450-3550	30	60	DFT-256QAM	M	Outer_Full	57.871	60.600	PASS
N78-3450-3550	30	60	CP-QPSK	M	Outer_Full	57.842	60.720	PASS
N78-3450-3550	30	60	CP-16QAM	M	Outer_Full	57.919	60.840	PASS
N78-3450-3550	30	60	CP-64QAM	M	Outer_Full	57.801	61.080	PASS
N78-3450-3550	30	60	CP-256QAM	M	Outer_Full	57.932	60.600	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Outer_Full	64.288	67.480	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	M	Outer_Full	64.204	67.340	PASS
N78-3450-3550	30	70	DFT-16QAM	M	Outer_Full	64.247	67.200	PASS
N78-3450-3550	30	70	DFT-64QAM	M	Outer_Full	64.33	67.340	PASS
N78-3450-3550	30	70	DFT-256QAM	M	Outer_Full	64.289	67.340	PASS
N78-3450-3550	30	70	CP-QPSK	M	Outer_Full	67.416	70.420	PASS
N78-3450-3550	30	70	CP-16QAM	M	Outer_Full	67.407	70.700	PASS
N78-3450-3550	30	70	CP-64QAM	M	Outer_Full	67.626	70.420	PASS
N78-3450-3550	30	70	CP-256QAM	M	Outer_Full	67.39	70.420	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Outer_Full	76.98	80.160	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	M	Outer_Full	77.115	80.320	PASS
N78-3450-3550	30	80	DFT-16QAM	M	Outer_Full	77.14	80.480	PASS
N78-3450-3550	30	80	DFT-64QAM	M	Outer_Full	77.185	80.480	PASS
N78-3450-3550	30	80	DFT-256QAM	M	Outer_Full	77.117	80.160	PASS
N78-3450-3550	30	80	CP-QPSK	M	Outer_Full	77.429	80.640	PASS
N78-3450-3550	30	80	CP-16QAM	M	Outer_Full	77.564	80.800	PASS
N78-3450-3550	30	80	CP-64QAM	M	Outer_Full	77.465	80.960	PASS
N78-3450-3550	30	80	CP-256QAM	M	Outer_Full	77.388	80.800	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Outer_Full	85.554	88.920	PASS
N78-3450-3550	30	90	DFT-PI2BPSK	M	Outer_Full	85.583	88.920	PASS
N78-3450-3550	30	90	DFT-16QAM	M	Outer_Full	85.477	88.920	PASS
N78-3450-3550	30	90	DFT-64QAM	M	Outer_Full	85.682	89.100	PASS
N78-3450-3550	30	90	DFT-256QAM	M	Outer_Full	85.608	88.920	PASS
N78-3450-3550	30	90	CP-QPSK	M	Outer_Full	87.396	90.720	PASS
N78-3450-3550	30	90	CP-16QAM	M	Outer_Full	87.465	90.720	PASS
N78-3450-3550	30	90	CP-64QAM	M	Outer_Full	87.453	90.720	PASS
N78-3450-3550	30	90	CP-256QAM	M	Outer_Full	87.254	90.900	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	96.483	99.800	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	96.301	99.800	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Outer_Full	96.314	99.800	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Outer_Full	96.414	100.200	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. 6 Plant, No. 1, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



Report No.: SUCR240100001702

Rev.: 01

Page: 77 of 168

N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	96.366	99.800	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	97.262	101.200	PASS
N78-3450-3550	30	100	CP-16QAM	M	Outer_Full	97.511	101.000	PASS
N78-3450-3550	30	100	CP-64QAM	M	Outer_Full	97.302	100.800	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	97.318	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-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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)

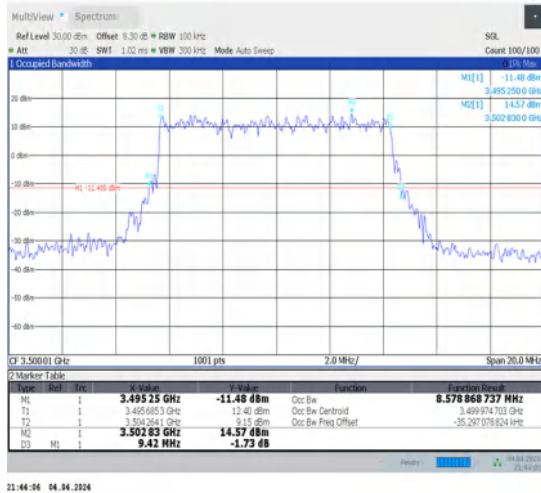
Test Graphs



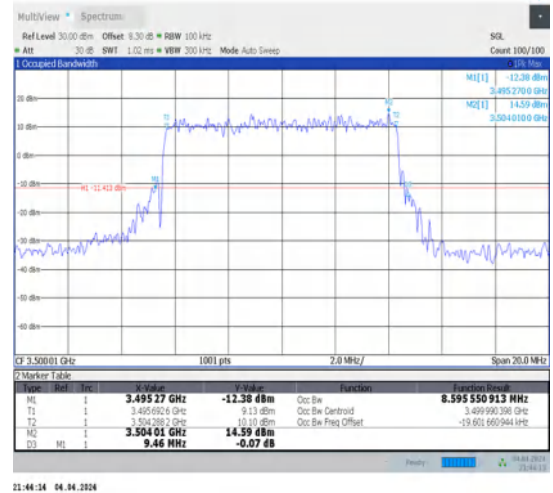
1-N78-3450-3550-30-10-M-1-DFT-QPSK-Outer_Full-24@0-Ant1-8.575-9.500-≤10-PASS



1-N78-3450-3550-30-10-M-2-DFT-PI2BPSK-Outer_Full-24@0-Ant1-8.535-9.300-≤10-PASS



1-N78-3450-3550-30-10-M-3-DFT-16QAM-Outer_Full-24@0-Ant1-8.579-9.420-≤10-PASS



1-N78-3450-3550-30-10-M-4-DFT-64QAM-Outer_Full-24@0-Ant1-8.596-9.460-≤10-PASS



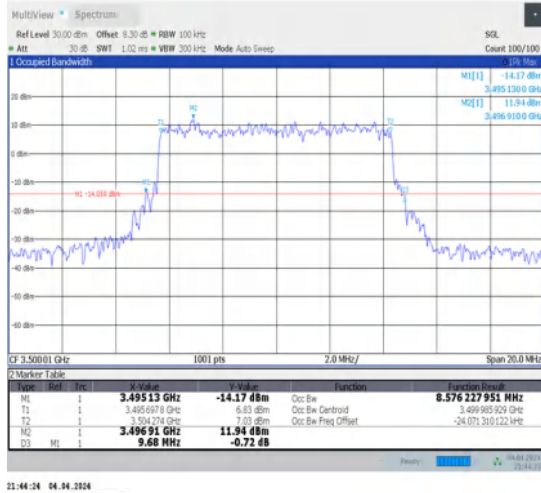
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

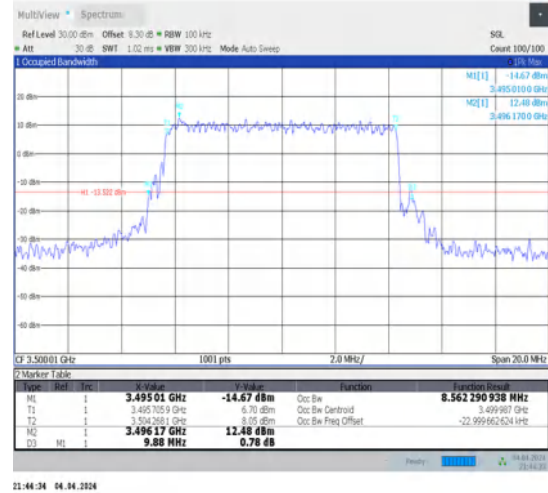
South of No. 6 Plant, No. 1, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编：215000

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

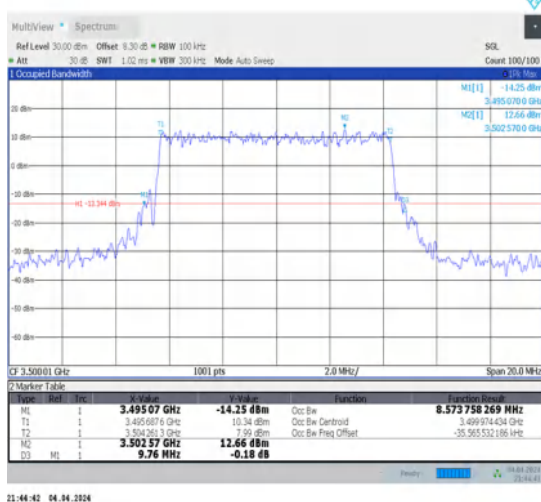
Member of the SGS Group (SGS SA)



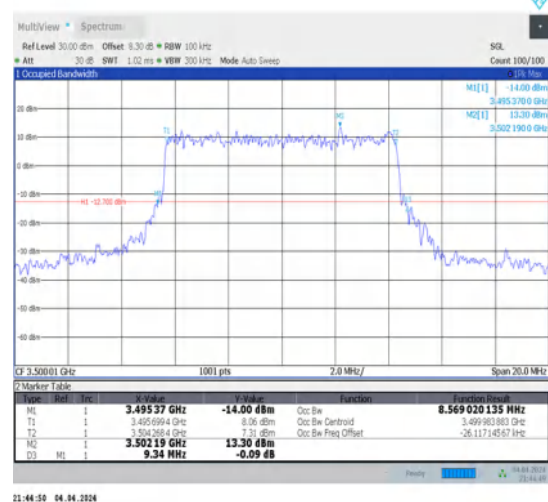
1-N78-3450-3550-30-10-M-5-DFT-256QAM-Outer_Full-24@0-Ant1-8.576-9.680-≤10-PASS



1-N78-3450-3550-30-10-M-6-CP-QPSK-Outer_Full-24@0-Ant1-8.562-9.880-≤10-PASS



1-N78-3450-3550-30-10-M-7-CP-16QAM-Outer_Full-24@0-Ant1-8.574-9.760-≤10-PASS



1-N78-3450-3550-30-10-M-8-CP-64QAM-Outer_Full-24@0-Ant1-8.569-9.340-≤10-PASS



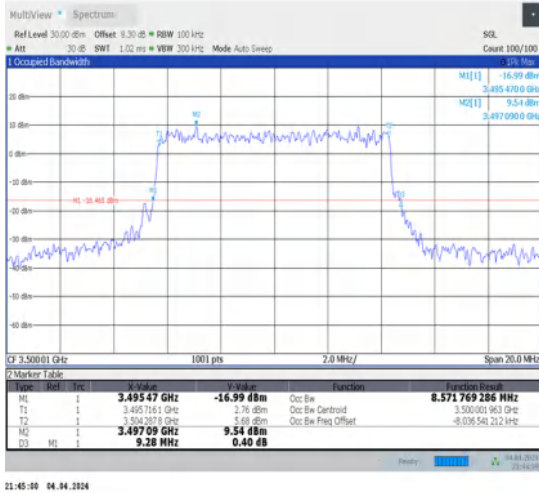
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

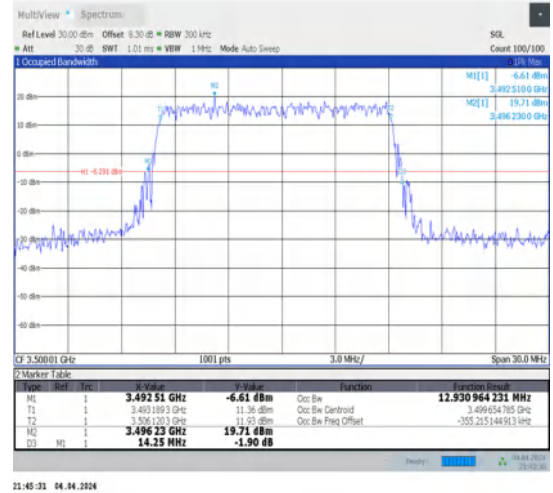
South of No. 6 Plant, No. 1, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编：215000

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

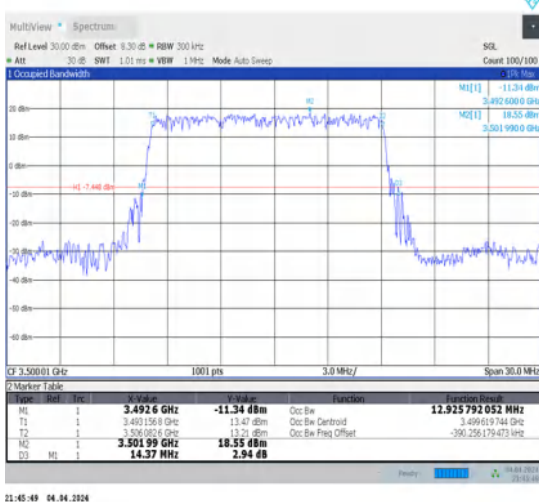
Member of the SGS Group (SGS SA)



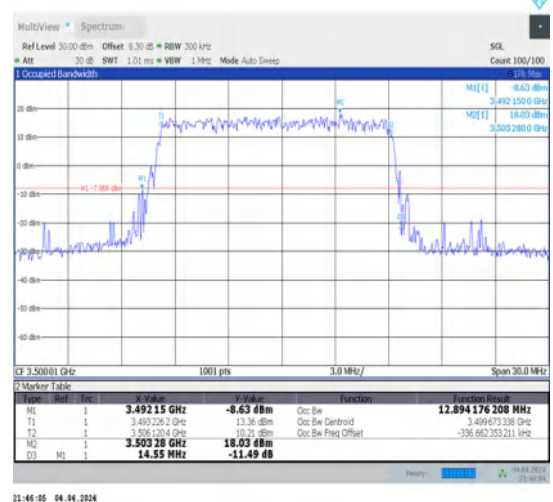
1-N78-3450-3550-30-10-M-9-CP-256QAM-Outer_Full-24@0-Ant1-8.572-9.280-≤10-PASS



1-N78-3450-3550-30-15-M-1-DFT-QPSK-Outer_Full-36@0-Ant1-12.931-14.250-≤15-PASS



1-N78-3450-3550-30-15-M-2-DFT-PI2BPSK-Outer_Full-36@0-Ant1-12.926-14.370-≤15-PASS



1-N78-3450-3550-30-15-M-3-DFT-16QAM-Outer_Full-36@0-Ant1-12.894-14.550-≤15-PASS



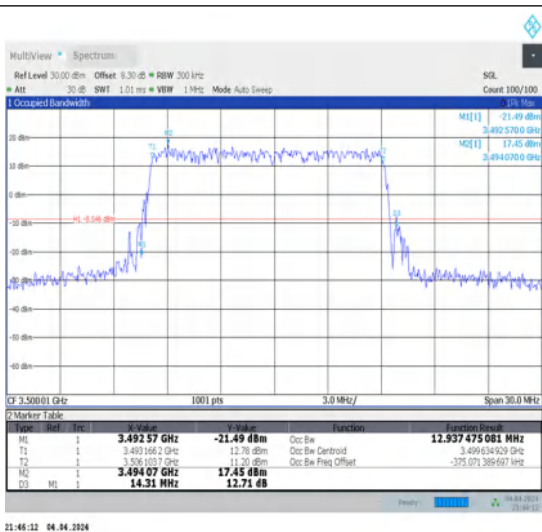
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

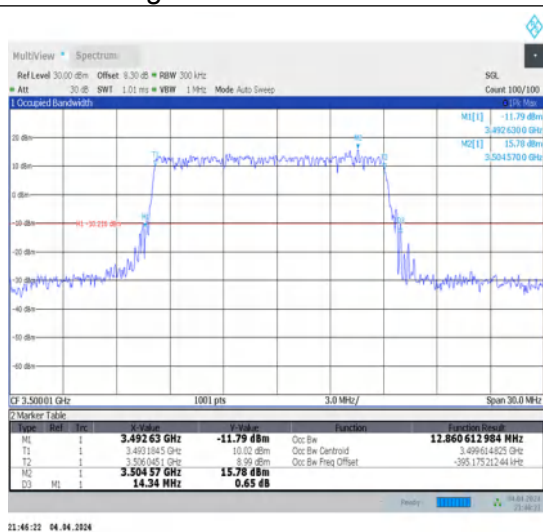
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编：215000

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

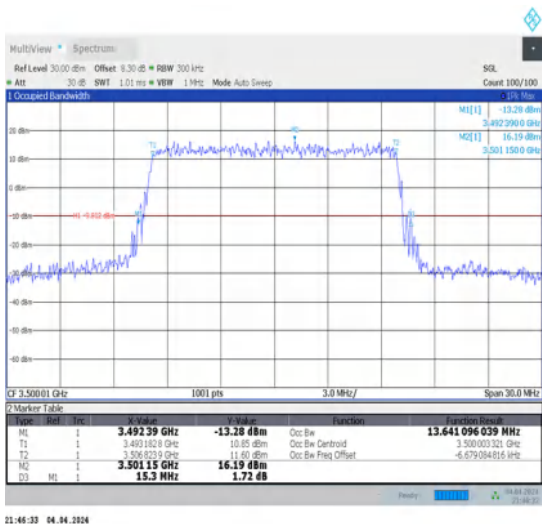
Member of the SGS Group (SGS SA)



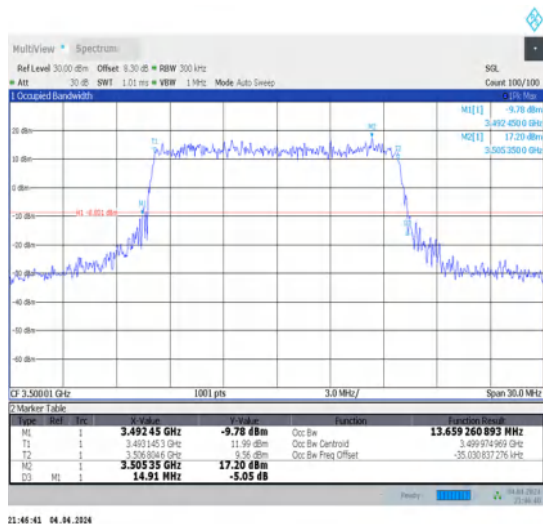
1-N78-3450-3550-30-15-M-4-DFT-64QAM-Outer_Full-36@0-Ant1-12.937-14.310-≤15-PASS



1-N78-3450-3550-30-15-M-5-DFT-256QAM-Outer_Full-36@0-Ant1-12.861-14.340-≤15-PASS



1-N78-3450-3550-30-15-M-6-CP-QPSK-Outer_Full-38@0-Ant1-13.641-15.300-≤15-PASS



1-N78-3450-3550-30-15-M-7-CP-16QAM-Outer_Full-38@0-Ant1-13.659-14.910-≤15-PASS



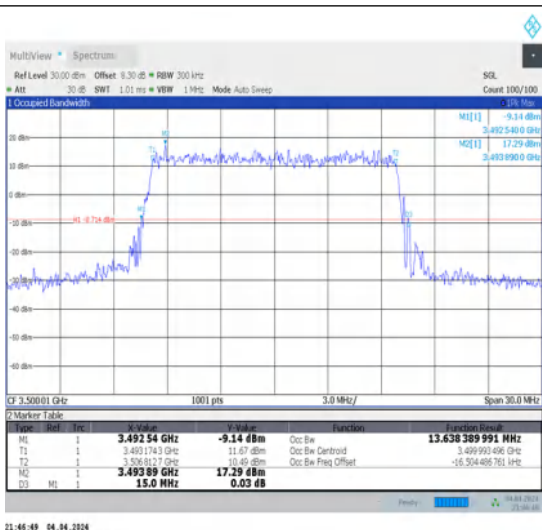
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

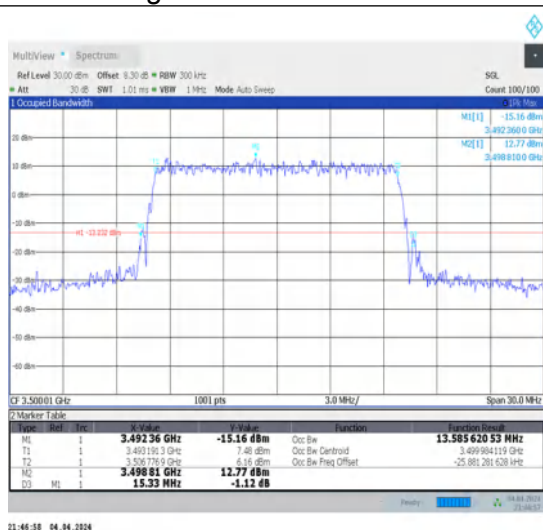
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编：215000

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

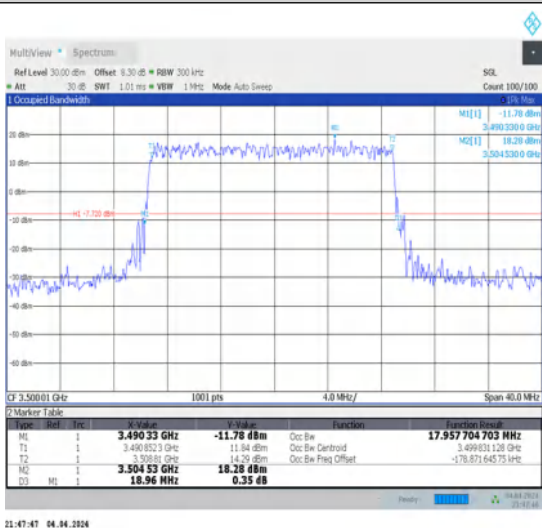
Member of the SGS Group (SGS SA)



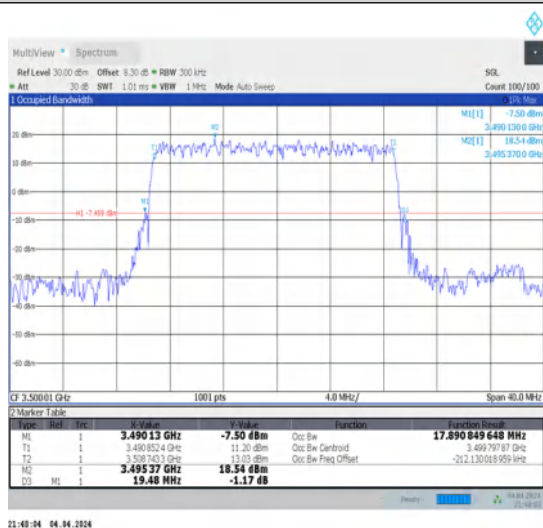
1-N78-3450-3550-30-15-M-8-CP-64QAM-Outer_Full-38@0-Ant1-13.638-15.000-≤15-PASS



1-N78-3450-3550-30-15-M-9-CP-256QAM-Outer_Full-38@0-Ant1-13.586-15.330-≤15-PASS



1-N78-3450-3550-30-20-M-1-DFT-QPSK-Outer_Full-50@0-Ant1-17.958-18.960-≤20-PASS



1-N78-3450-3550-30-20-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-17.891-19.480-≤20-PASS



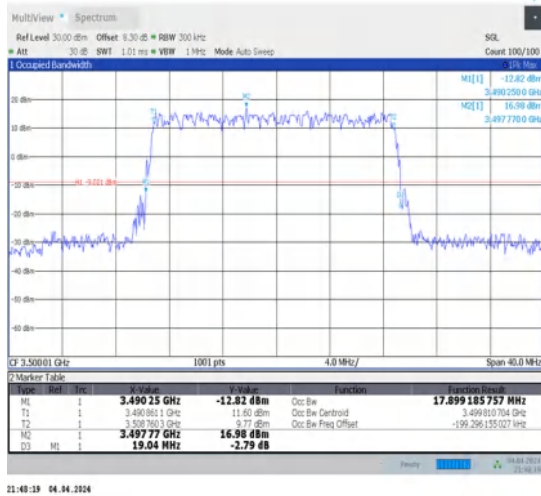
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

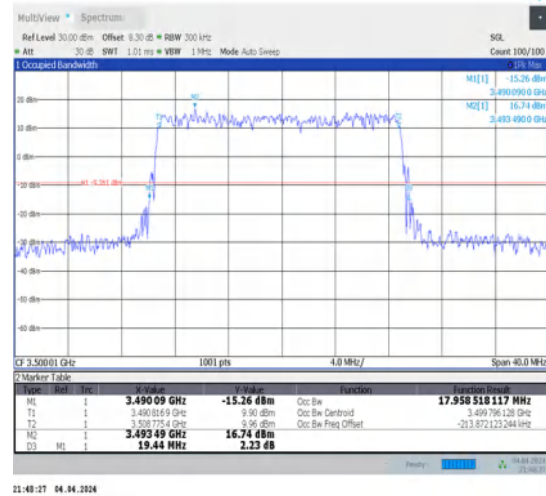
South of No. 6 Plant, No. 1, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编：215000

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

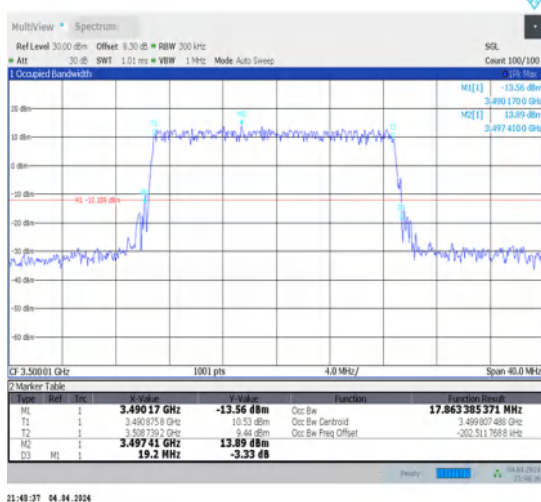
Member of the SGS Group (SGS SA)



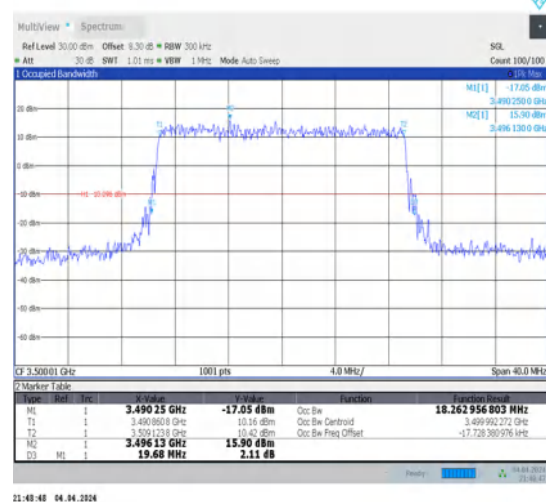
1-N78-3450-3550-30-20-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-17.899-19.040-≤20-PASS



1-N78-3450-3550-30-20-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-17.959-19.440-≤20-PASS



1-N78-3450-3550-30-20-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-17.863-19.200-≤20-PASS



1-N78-3450-3550-30-20-M-6-CP-QPSK-Outer_Full-51@0-Ant1-18.263-19.680-≤20-PASS



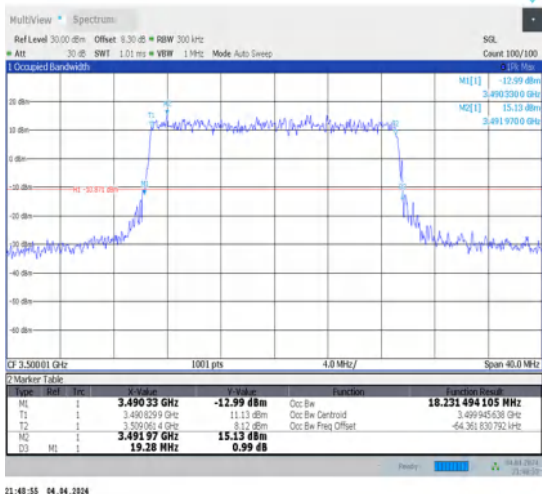
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

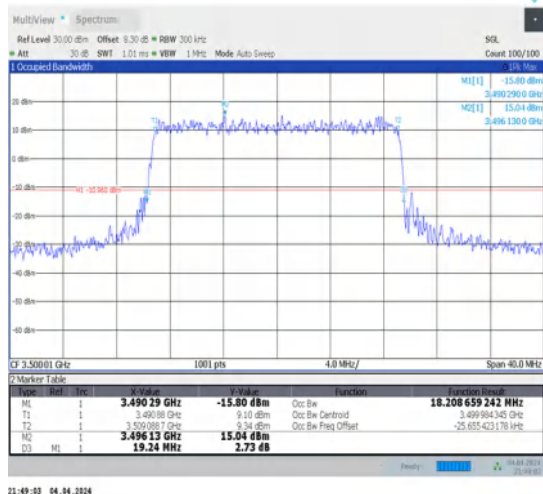
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编：215000

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

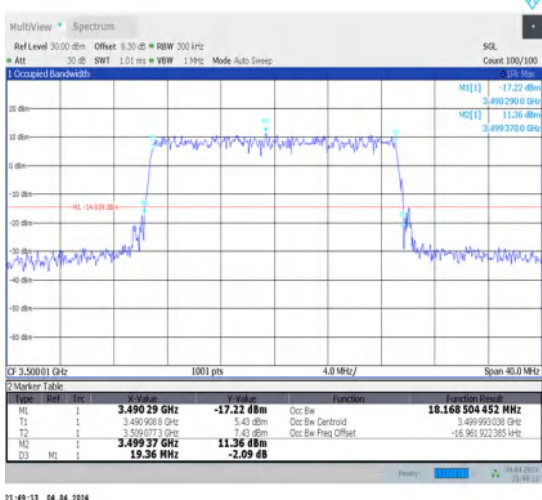
Member of the SGS Group (SGS SA)



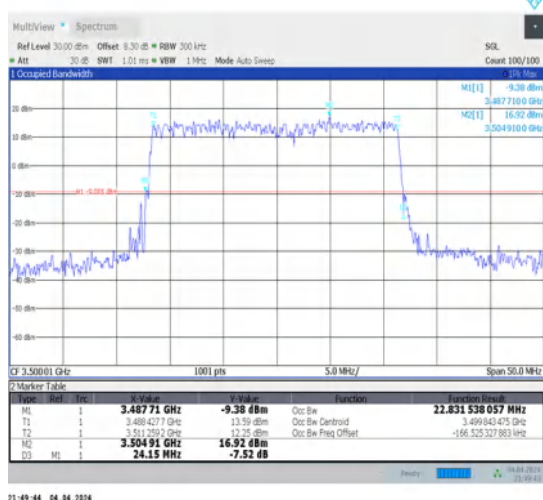
1-N78-3450-3550-30-20-M-7-CP-16QAM-Outer_Full-51@0-Ant1-18.231-19.280-≤20-PASS



1-N78-3450-3550-30-20-M-8-CP-64QAM-Outer_Full-51@0-Ant1-18.209-19.240-≤20-PASS



1-N78-3450-3550-30-20-M-9-CP-256QAM-Outer_Full-51@0-Ant1-18.169-19.360-≤20-PASS



1-N78-3450-3550-30-25-M-1-DFT-QPSK-Outer_Full-64@0-Ant1-22.832-24.150-≤25-PASS



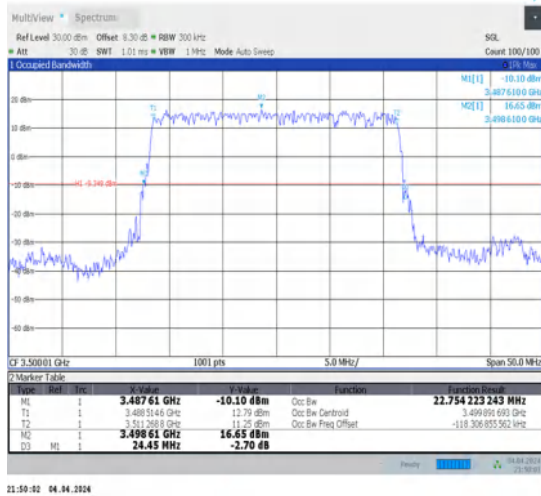
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

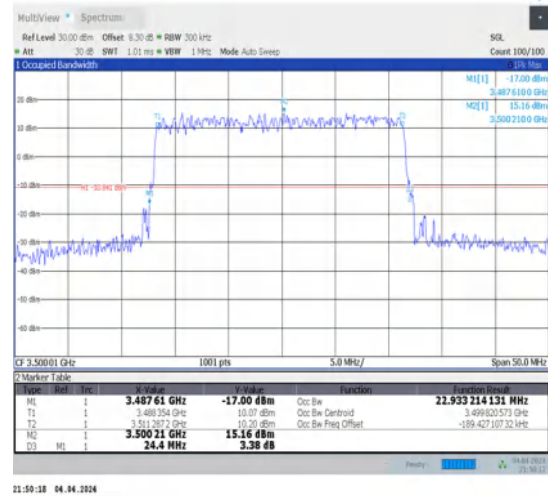
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000

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

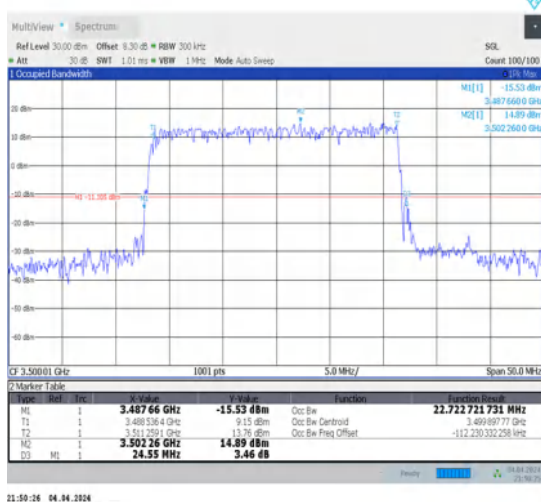
Member of the SGS Group (SGS SA)



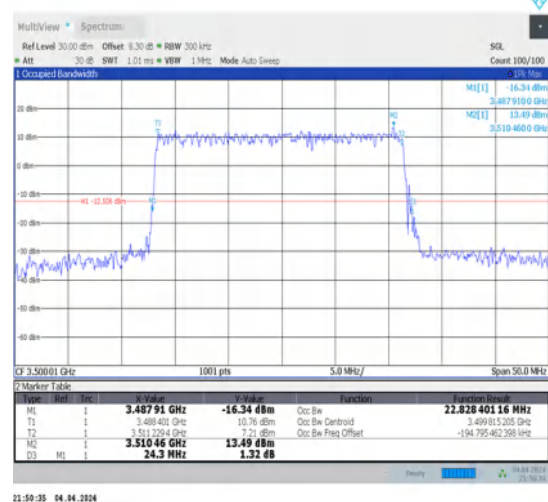
1-N78-3450-3550-30-25-M-2-DFT-PI2BPSK-Outer_Full-64@0-Ant1-22.754-24.450-≤25-PASS



1-N78-3450-3550-30-25-M-3-DFT-16QAM-Outer_Full-64@0-Ant1-22.933-24.400-≤25-PASS



1-N78-3450-3550-30-25-M-4-DFT-64QAM-Outer_Full-64@0-Ant1-22.723-24.550-≤25-PASS



1-N78-3450-3550-30-25-M-5-DFT-256QAM-Outer_Full-64@0-Ant1-22.828-24.300-≤25-PASS

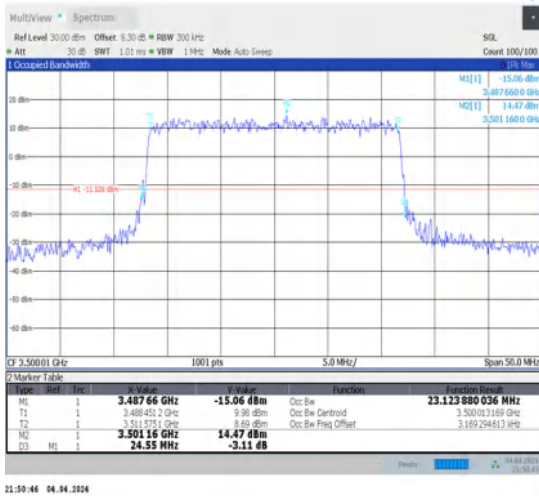


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

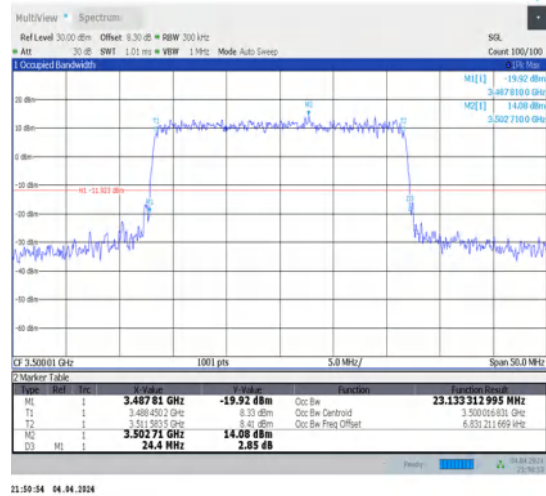
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

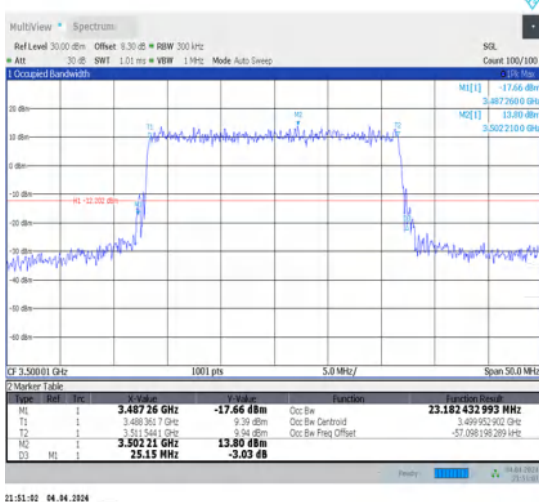
Member of the SGS Group (SGS SA)



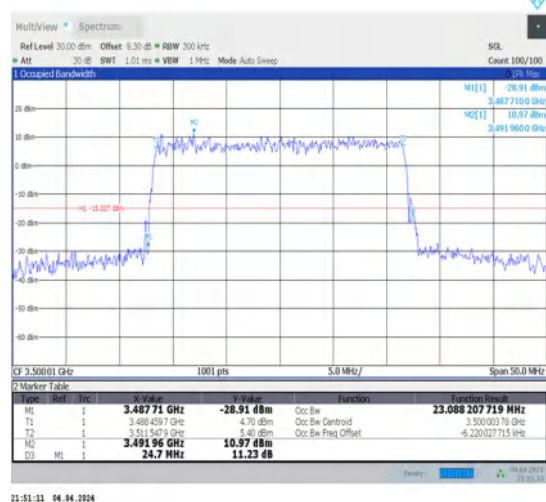
1-N78-3450-3550-30-25-M-6-CP-QPSK-Outer_Full-65@0-Ant1-23.124-24.550-≤25-PASS



1-N78-3450-3550-30-25-M-7-CP-16QAM-Outer_Full-65@0-Ant1-23.133-24.400-≤25-PASS



1-N78-3450-3550-30-25-M-8-CP-64QAM-Outer_Full-65@0-Ant1-23.182-25.150-≤25-PASS



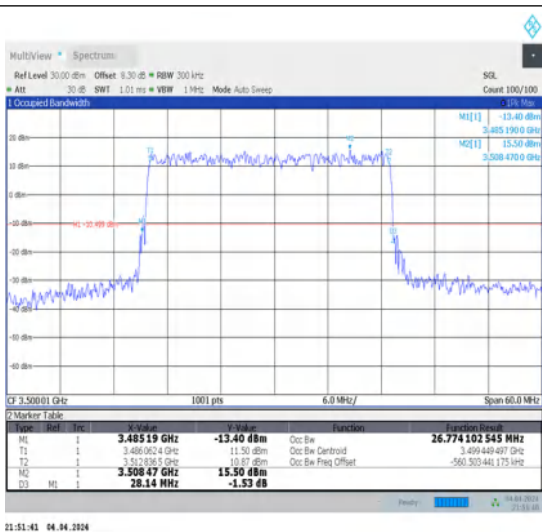
1-N78-3450-3550-30-25-M-9-CP-256QAM-Outer_Full-65@0-Ant1-23.088-24.700-≤25-PASS



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

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

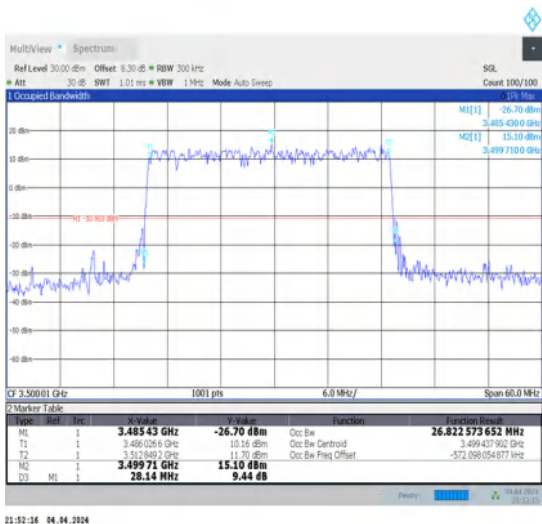
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com



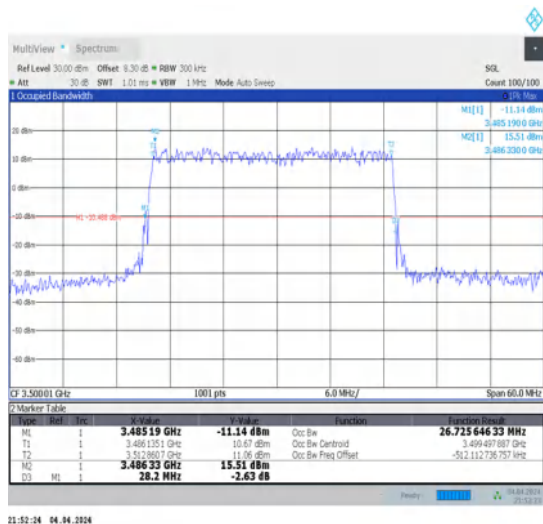
1-N78-3450-3550-30-30-M-1-DFT-QPSK-Outer_Full-75@0-Ant1-26.777-28.140-≤30-PASS



1-N78-3450-3550-30-30-M-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-26.822-28.320-≤30-PASS



1-N78-3450-3550-30-30-M-3-DFT-16QAM-Outer_Full-75@0-Ant1-26.823-28.140-≤30-PASS



1-N78-3450-3550-30-30-M-4-DFT-64QAM-Outer_Full-75@0-Ant1-26.727-28.200-≤30-PASS



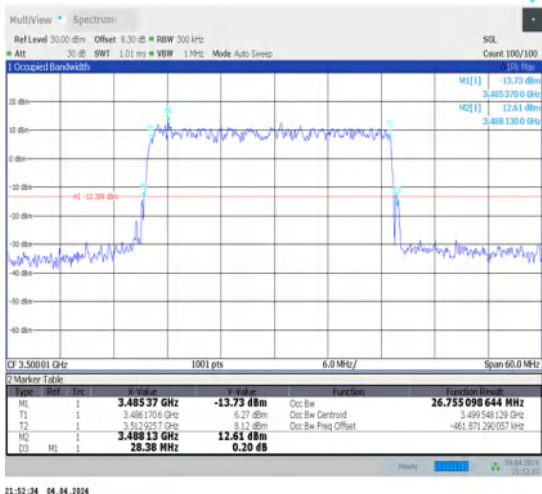
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

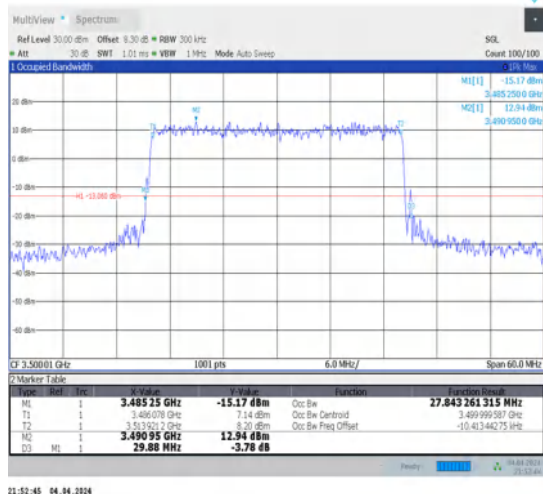
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

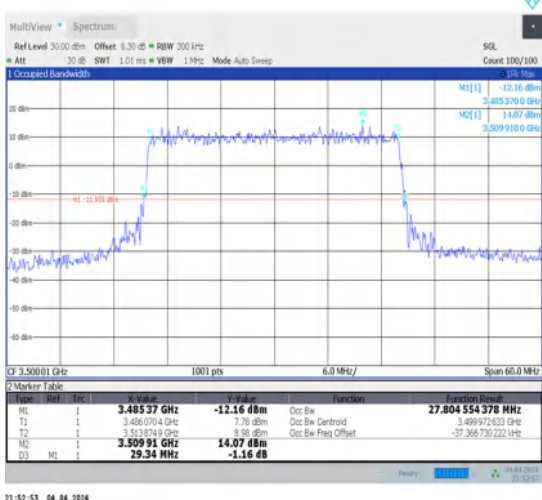
Member of the SGS Group (SGS SA)



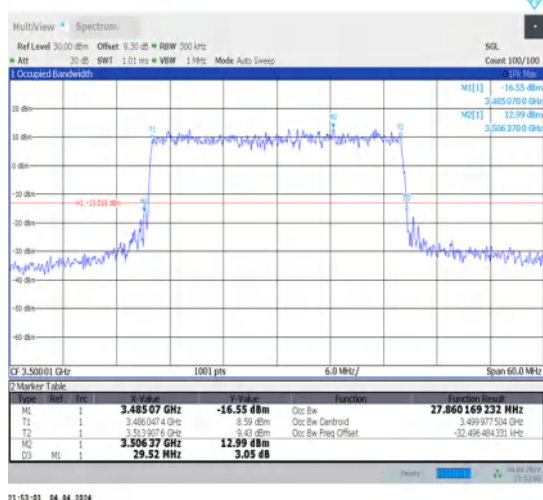
1-N78-3450-3550-30-30-M-5-DFT-256QAM-Outer_Full-75@0-Ant1-26.755-28.380-≤30-PASS



1-N78-3450-3550-30-30-M-6-CP-QPSK-Outer_Full-78@0-Ant1-27.846-29.880-≤30-PASS



1-N78-3450-3550-30-30-M-7-CP-16QAM-Outer_Full-78@0-Ant1-27.806-29.340-≤30-PASS



1-N78-3450-3550-30-30-M-8-CP-64QAM-Outer_Full-78@0-Ant1-27.86-29.520-≤30-PASS



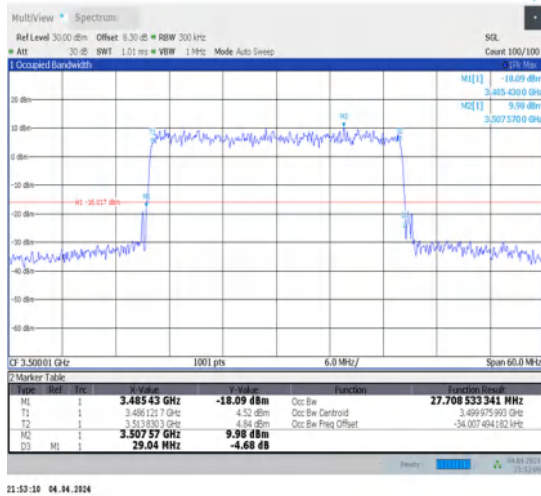
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

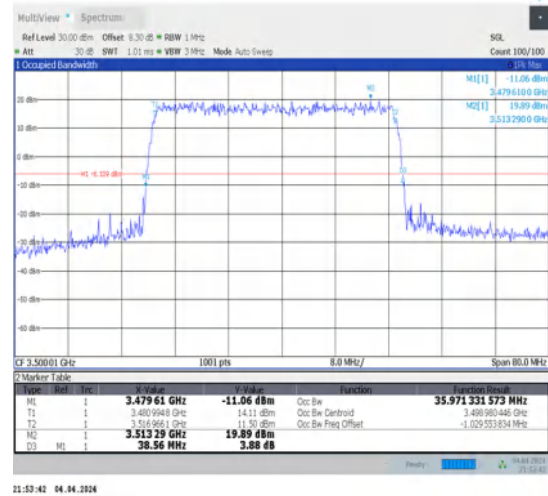
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编：215000

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

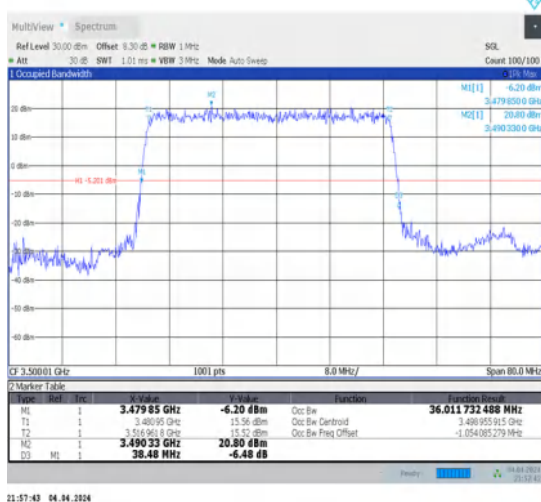
Member of the SGS Group (SGS SA)



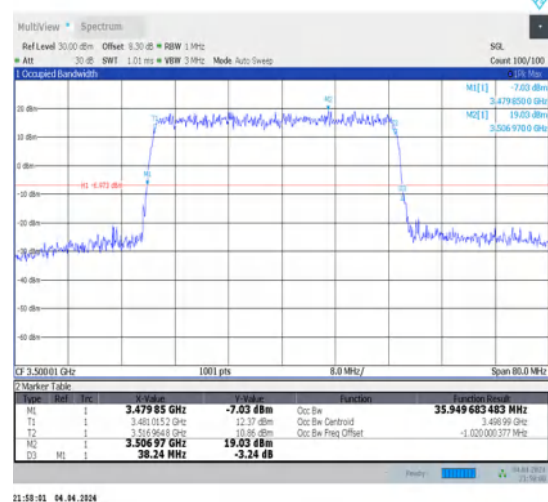
1-N78-3450-3550-30-M-9-CP-256QAM-Outer_Full-78@0-Ant1-27.709-29.040-≤30-PASS



1-N78-3450-3550-30-40-M-1-DFT-QPSK-Outer_Full-100@0-Ant1-35.971-38.560-≤40-PASS



1-N78-3450-3550-30-40-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-36.012-38.480-≤40-PASS



1-N78-3450-3550-30-40-M-3-DFT-16QAM-Outer_Full-100@0-Ant1-35.95-38.240-≤40-PASS



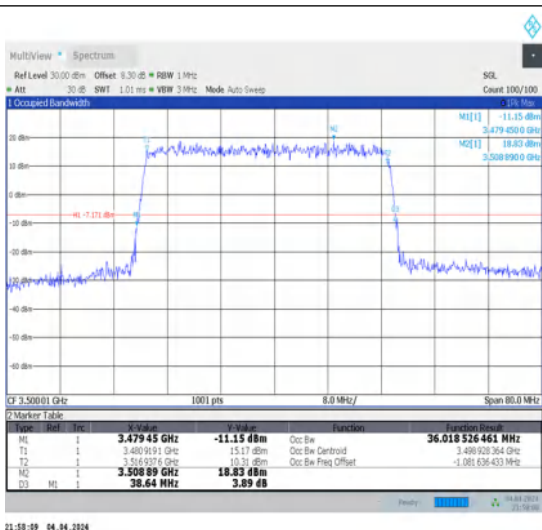
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

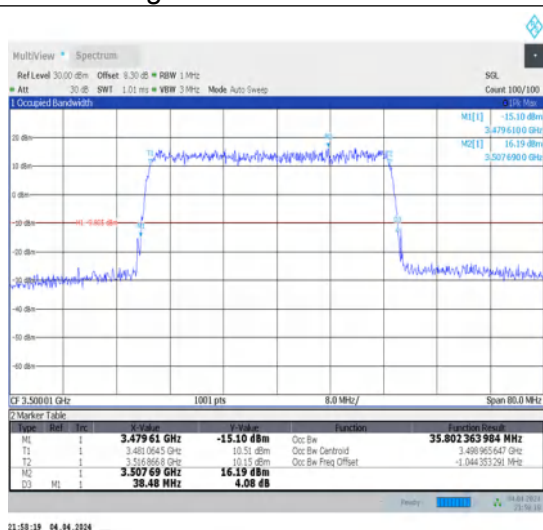
South of No. 6 Plant, No. 1, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编：215000

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

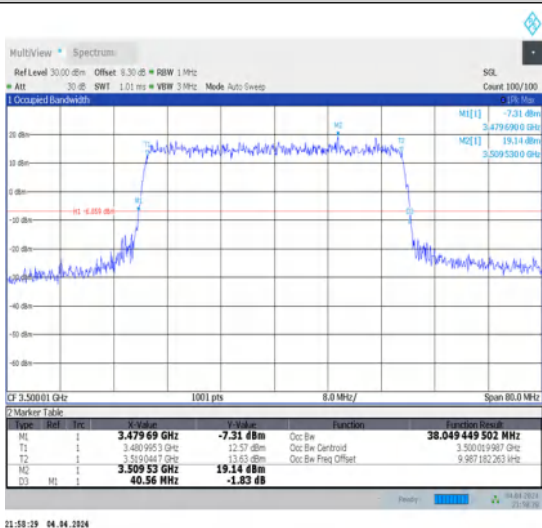
Member of the SGS Group (SGS SA)



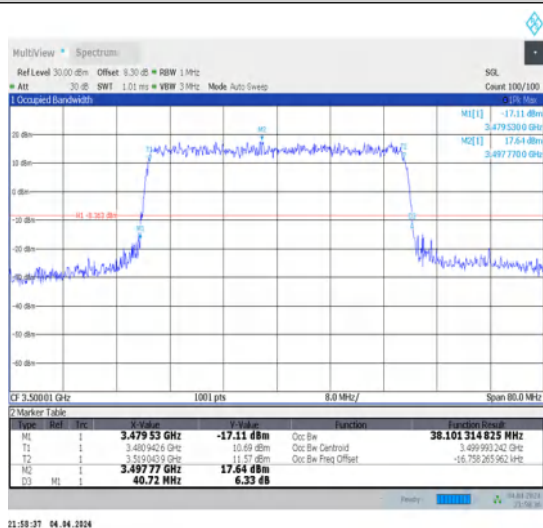
1-N78-3450-3550-30-40-M-4-DFT-64QAM-Outer_Full-100@0-Ant1-36.019-38.640-≤40-PASS



1-N78-3450-3550-30-40-M-5-DFT-256QAM-Outer_Full-100@0-Ant1-35.802-38.480-≤40-PASS



1-N78-3450-3550-30-40-M-6-CP-QPSK-Outer_Full-106@0-Ant1-38.049-40.560-≤40-PASS



1-N78-3450-3550-30-40-M-7-CP-16QAM-Outer_Full-106@0-Ant1-38.101-40.720-≤40-PASS



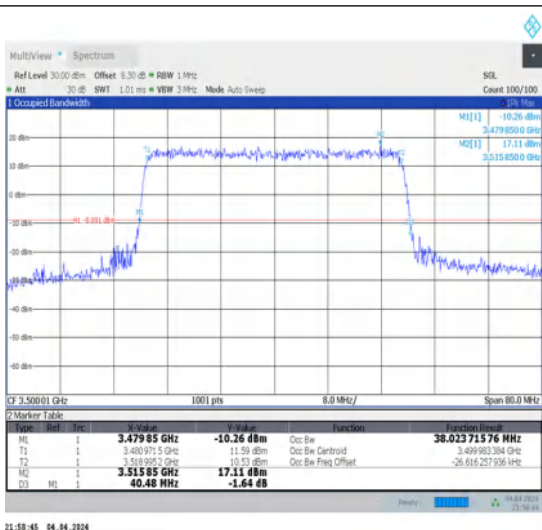
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

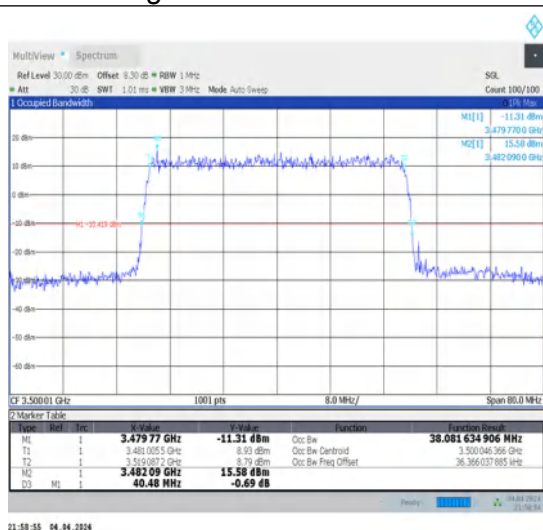
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编：215000

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

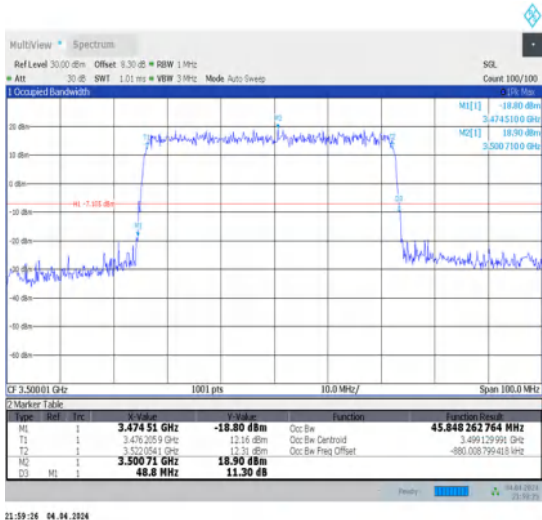
Member of the SGS Group (SGS SA)



1-N78-3450-3550-30-40-M-8-CP-64QAM-Outer_Full-106@0-Ant1-38.024-40.480-≤40-PASS



1-N78-3450-3550-30-40-M-9-CP-256QAM-Outer_Full-106@0-Ant1-38.082-40.480-≤40-PASS



1-N78-3450-3550-30-50-M-1-DFT-QPSK-Outer_Full-128@0-Ant1-45.848-48.800-≤50-PASS



1-N78-3450-3550-30-50-M-2-DFT-PI2BPSK-Outer_Full-128@0-Ant1-45.806-48.300-≤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. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编：215000

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

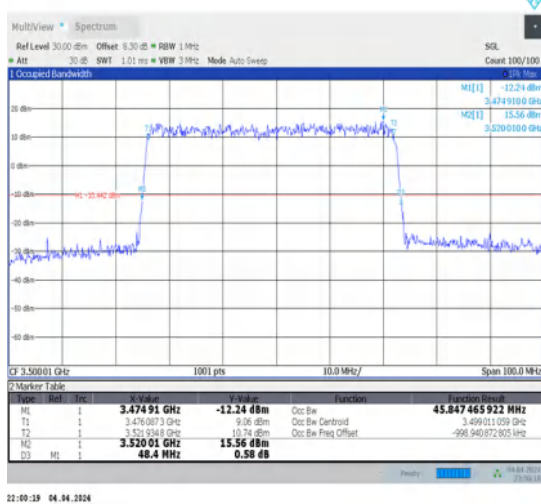
Member of the SGS Group (SGS SA)



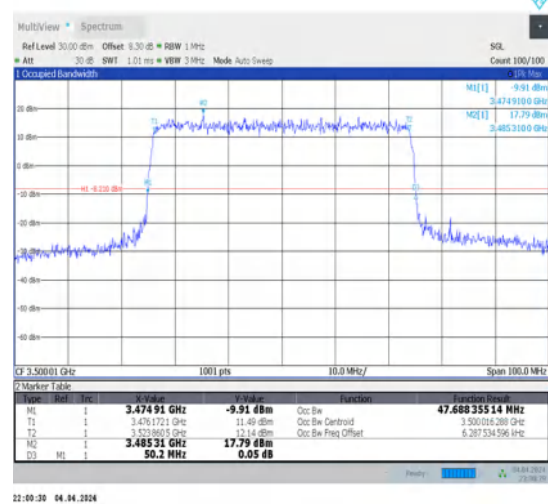
1-N78-3450-3550-30-50-M-3-DFT-16QAM-Outer_Full-128@0-Ant1-45.771-48.400-≤50-PASS



1-N78-3450-3550-30-50-M-4-DFT-64QAM-Outer_Full-128@0-Ant1-45.733-48.600-≤50-PASS



1-N78-3450-3550-30-50-M-5-DFT-256QAM-Outer_Full-128@0-Ant1-45.847-48.400-≤50-PASS



1-N78-3450-3550-30-50-M-6-CP-QPSK-Outer_Full-133@0-Ant1-47.688-50.200-≤50-PASS



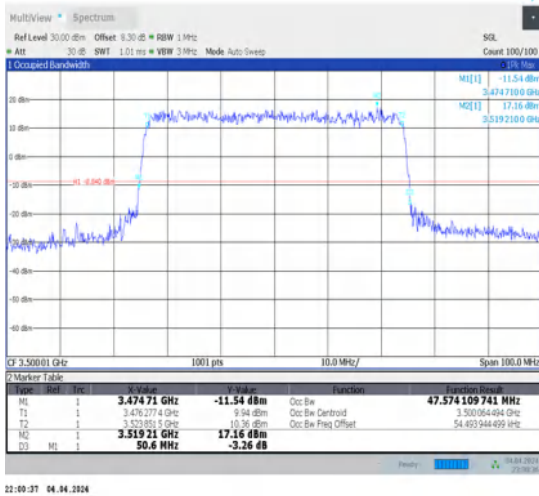
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

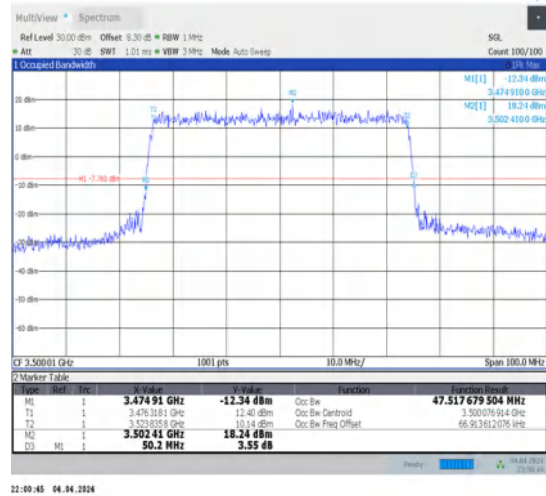
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编：215000

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

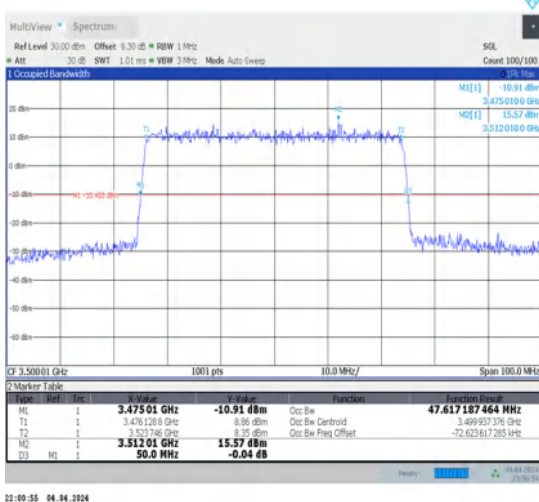
Member of the SGS Group (SGS SA)



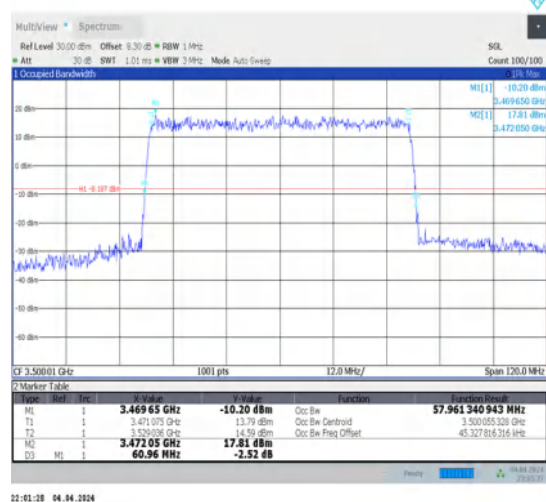
1-N78-3450-3550-30-50-M-7-CP-16QAM-Outer_Full-133@0-Ant1-47.574-50.600-≤50-PASS



1-N78-3450-3550-30-50-M-8-CP-64QAM-Outer_Full-133@0-Ant1-47.518-50.200-≤50-PASS



1-N78-3450-3550-30-50-M-9-CP-256QAM-Outer_Full-133@0-Ant1-47.617-50.000-≤50-PASS



1-N78-3450-3550-30-60-M-1-DFT-QPSK-Outer_Full-162@0-Ant1-57.961-60.960-≤60-PASS



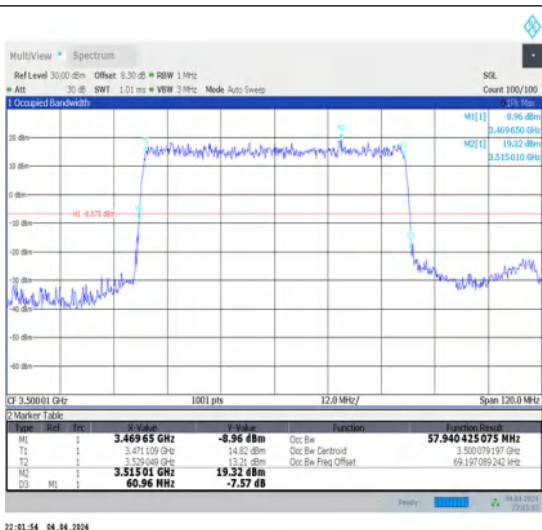
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

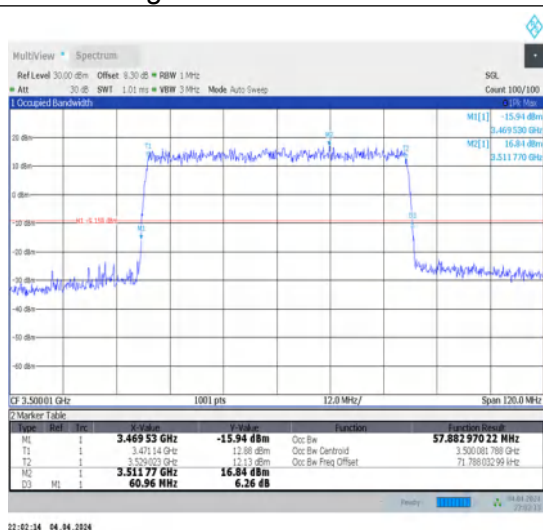
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000

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

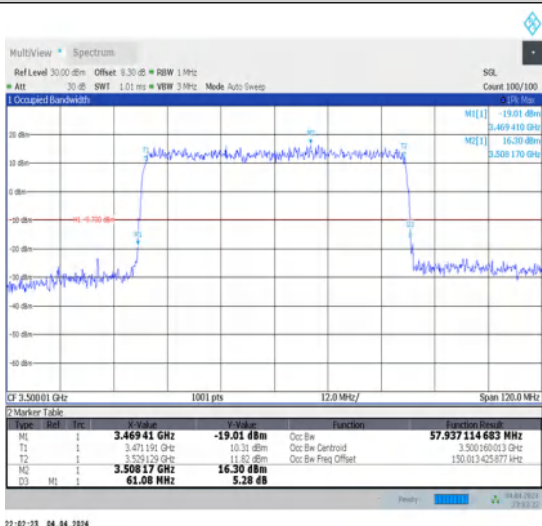
Member of the SGS Group (SGS SA)



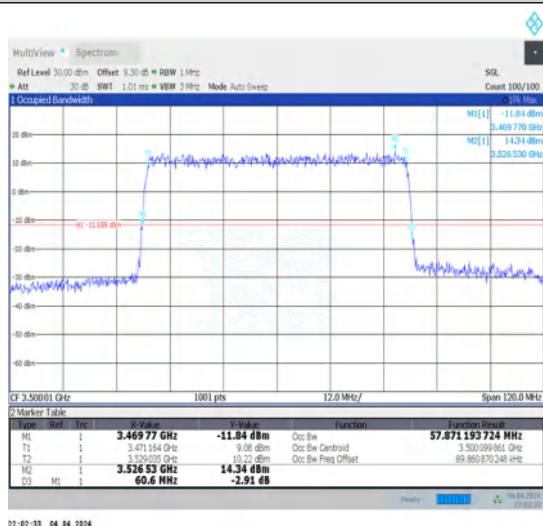
1-N78-3450-3550-30-60-M-2-DFT-PI2BPSK-Outer_Full-162@0-Ant1-57.94-60.960≤60-PASS



1-N78-3450-3550-30-60-M-3-DFT-16QAM-Outer_Full-162@0-Ant1-57.883-60.960≤60-PASS



1-N78-3450-3550-30-60-M-4-DFT-64QAM-Outer_Full-162@0-Ant1-57.937-61.080≤60-PASS



1-N78-3450-3550-30-60-M-5-DFT-256QAM-Outer_Full-162@0-Ant1-57.871-60.600≤60-PASS



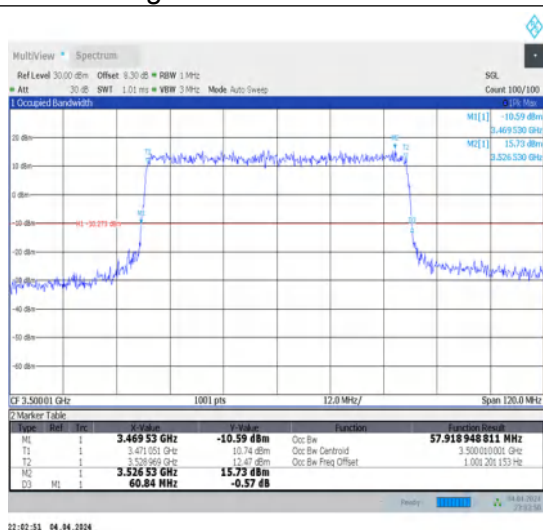
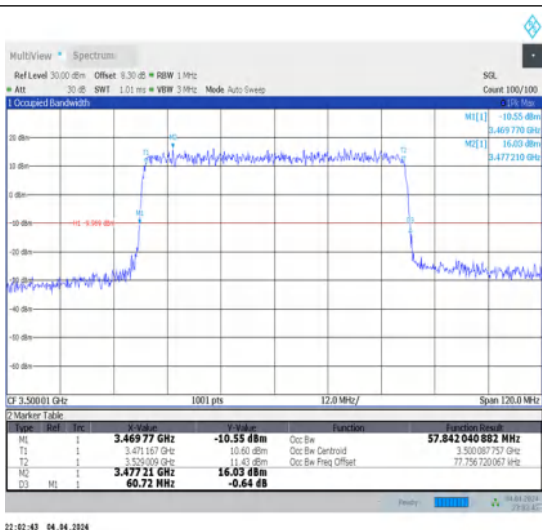
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编：215000

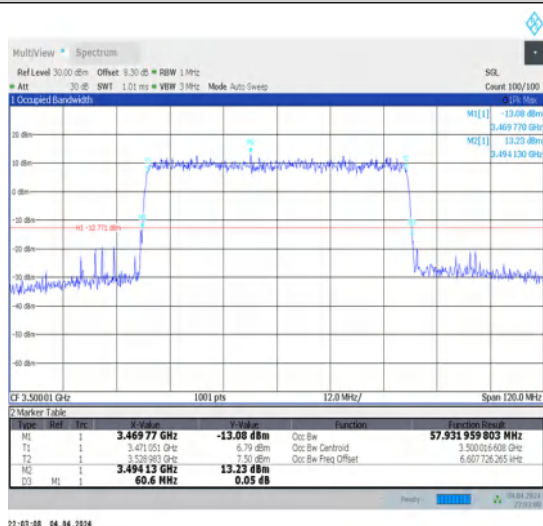
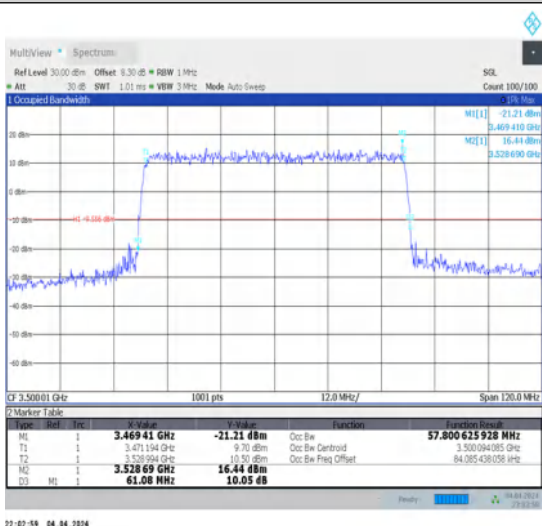
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



1-N78-3450-3550-30-60-M-6-CP-QPSK-Outer_Full-162@0-Ant1-57.842-60.720-≤60-PASS

1-N78-3450-3550-30-60-M-7-CP-16QAM-Outer_Full-162@0-Ant1-57.919-60.840-≤60-PASS



1-N78-3450-3550-30-60-M-8-CP-64QAM-Outer_Full-162@0-Ant1-57.801-61.080-≤60-PASS

1-N78-3450-3550-30-60-M-9-CP-256QAM-Outer_Full-162@0-Ant1-57.932-60.600-≤60-PASS



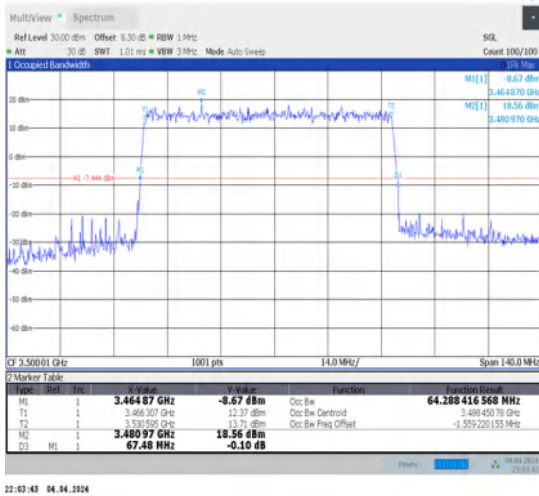
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

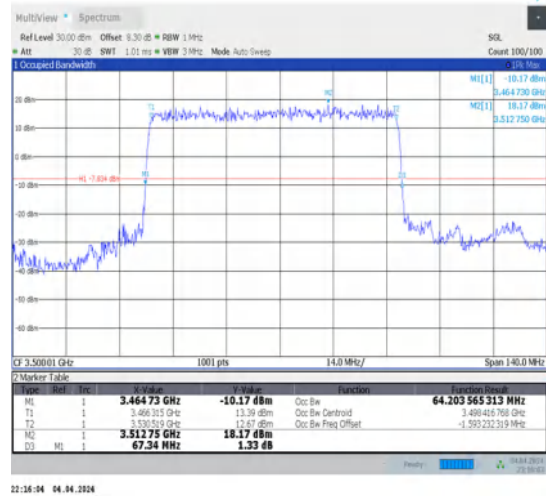
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000

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

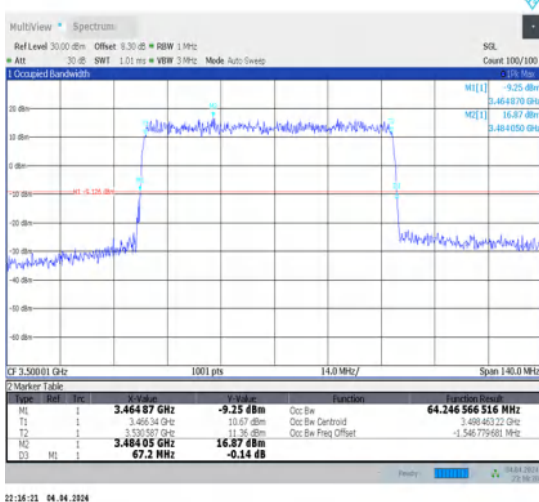
Member of the SGS Group (SGS SA)



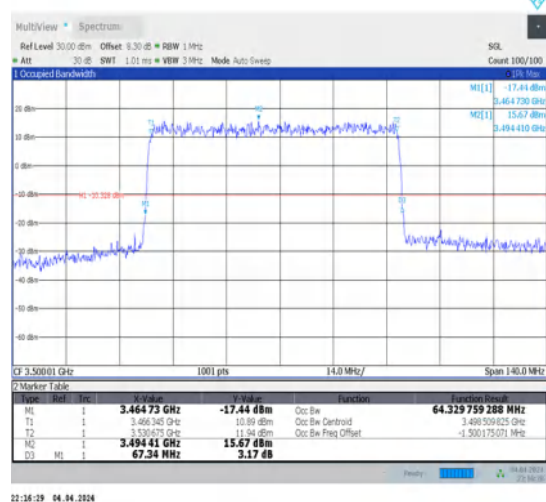
1-N78-3450-3550-30-70-M-1-DFT-QPSK-Outer_Full-180@0-Ant1-64.288-67.480-≤70-PASS



1-N78-3450-3550-30-70-M-2-DFT-PI2BPSK-Outer_Full-180@0-Ant1-64.204-67.340-≤70-PASS



1-N78-3450-3550-30-70-M-3-DFT-16QAM-Outer_Full-180@0-Ant1-64.247-67.200-≤70-PASS



1-N78-3450-3550-30-70-M-4-DFT-64QAM-Outer_Full-180@0-Ant1-64.33-67.340-≤70-PASS



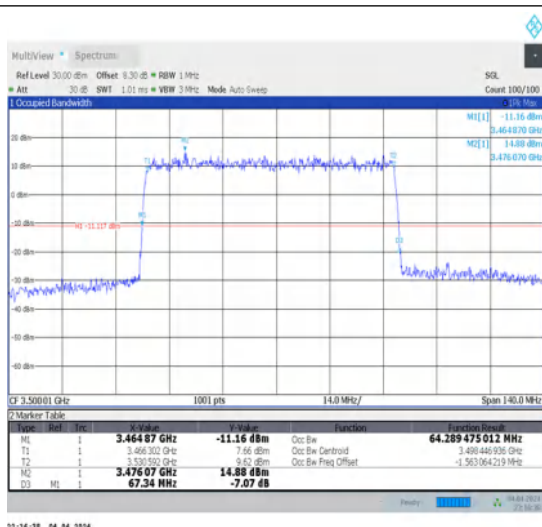
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

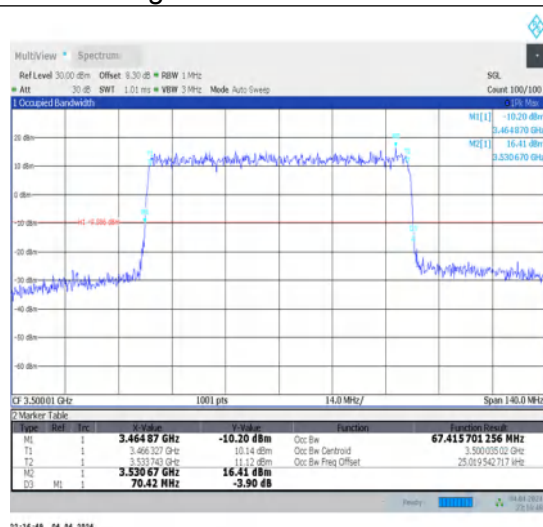
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编：215000

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

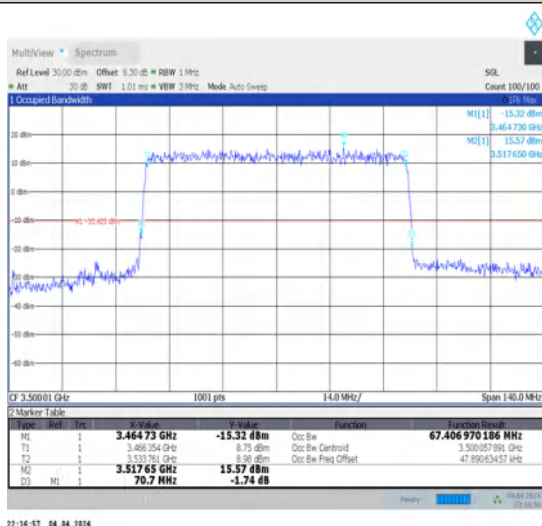
Member of the SGS Group (SGS SA)



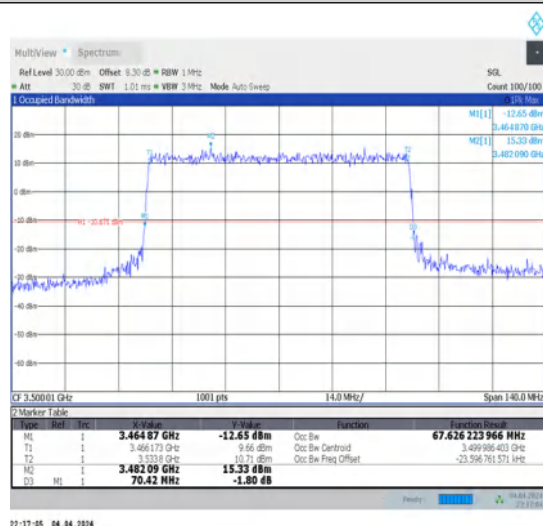
1-N78-3450-3550-30-70-M-5-DFT-256QAM-Outer_Full-180@0-Ant1-64.289-67.340-≤70-PASS



1-N78-3450-3550-30-70-M-6-CP-QPSK-Outer_Full-189@0-Ant1-67.416-70.420-≤70-PASS



1-N78-3450-3550-30-70-M-7-CP-16QAM-Outer_Full-189@0-Ant1-67.407-70.700-≤70-PASS



1-N78-3450-3550-30-70-M-8-CP-64QAM-Outer_Full-189@0-Ant1-67.626-70.420-≤70-PASS



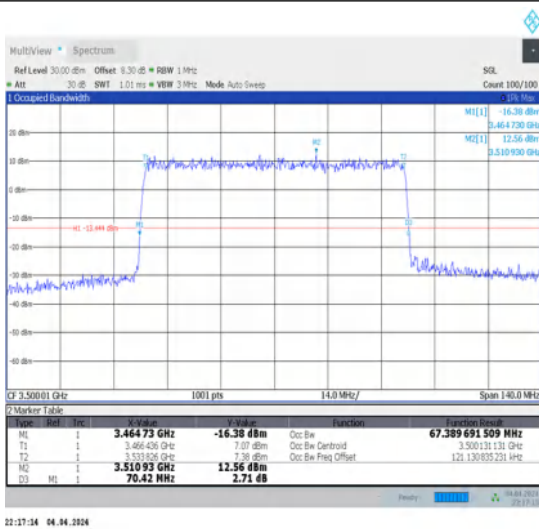
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

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

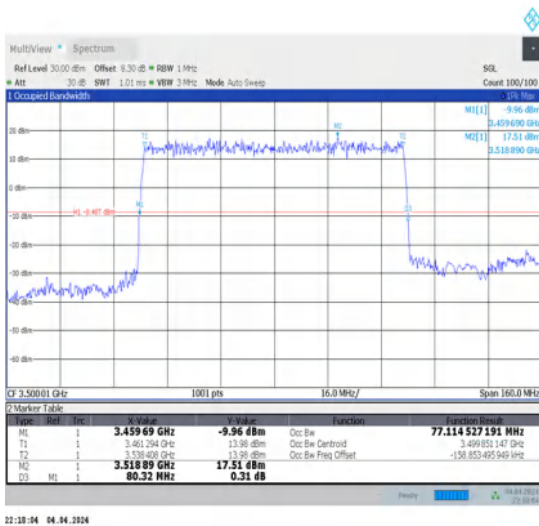
Member of the SGS Group (SGS SA)



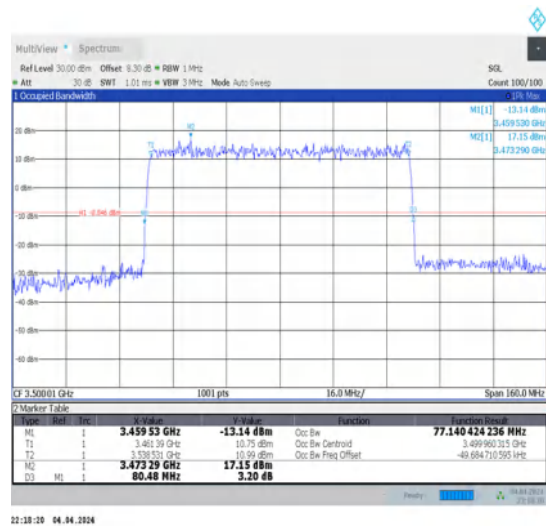
1-N78-3450-3550-30-70-M-9-CP-256QAM-Outer_Full-189@0-Ant1-67.39-70.420-≤70-PASS



1-N78-3450-3550-30-80-M-1-DFT-QPSK-Outer_Full-216@0-Ant1-76.98-80.160-≤80-PASS



1-N78-3450-3550-30-80-M-2-DFT-PI2BPSK-Outer_Full-216@0-Ant1-77.115-80.320-≤80-PASS



1-N78-3450-3550-30-80-M-3-DFT-16QAM-Outer_Full-216@0-Ant1-77.14-80.480-≤80-PASS



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

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

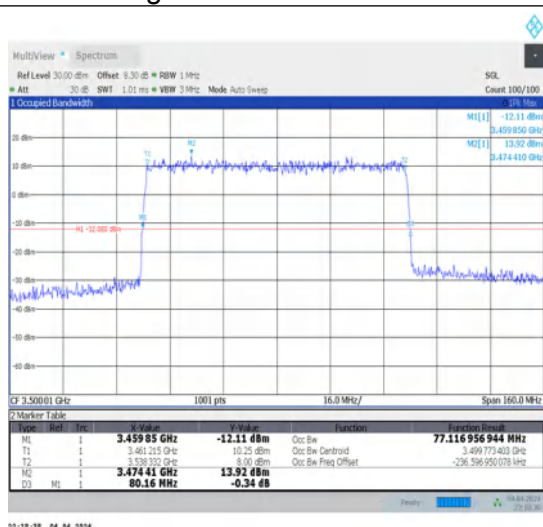
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编：215000

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

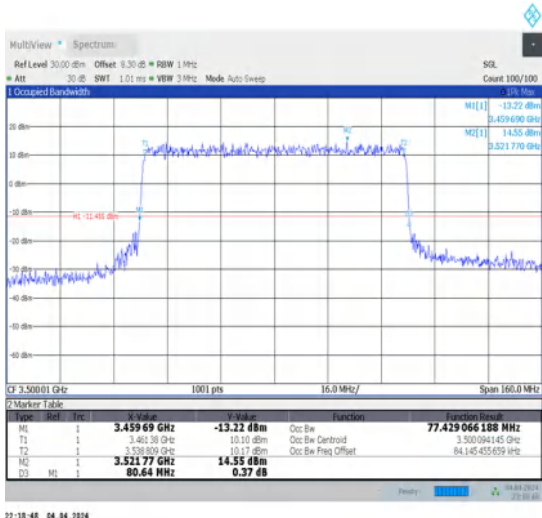
Member of the SGS Group (SGS SA)



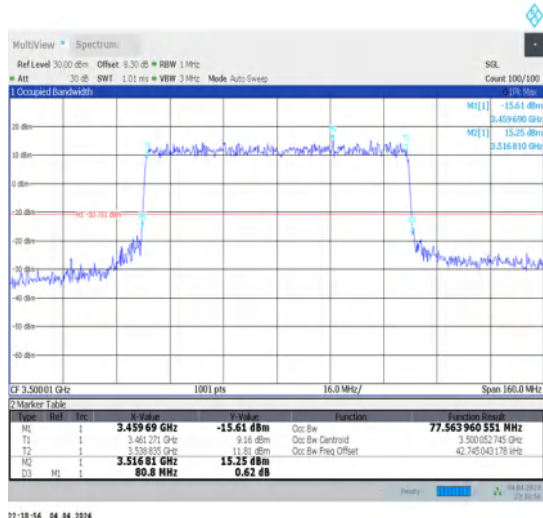
1-N78-3450-3550-30-80-M-4-DFT-64QAM-Outer_Full-216@0-Ant1-77.185-80.480-≤80-PASS



1-N78-3450-3550-30-80-M-5-DFT-256QAM-Outer_Full-216@0-Ant1-77.117-80.160-≤80-PASS



1-N78-3450-3550-30-80-M-6-CP-QPSK-Outer_Full-217@0-Ant1-77.429-80.640-≤80-PASS



1-N78-3450-3550-30-80-M-7-CP-16QAM-Outer_Full-217@0-Ant1-77.564-80.800-≤80-PASS



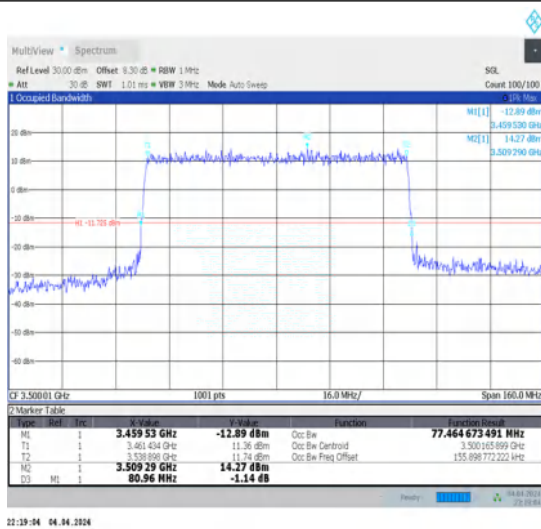
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

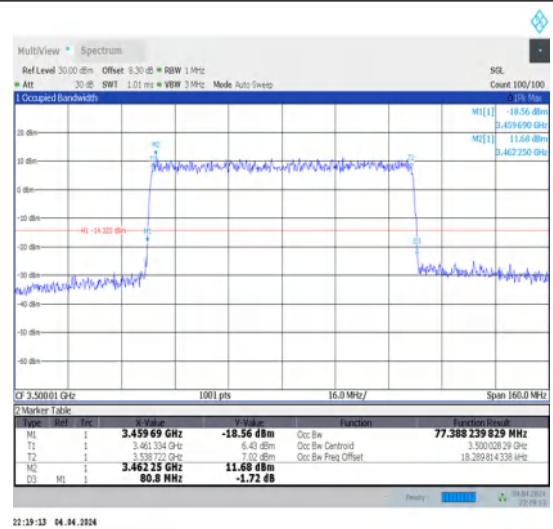
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编：215000

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

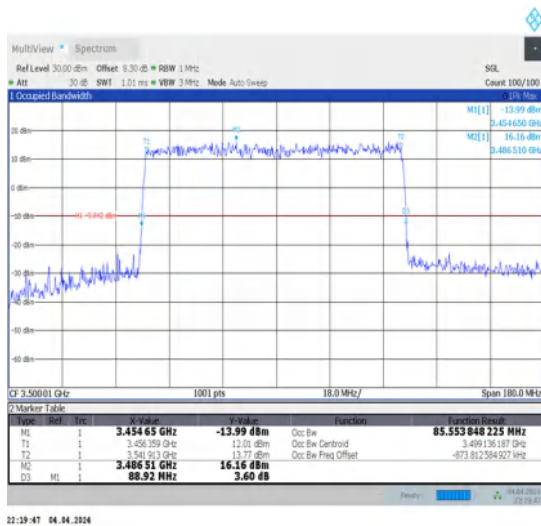
Member of the SGS Group (SGS SA)



1-N78-3450-3550-30-80-M-8-CP-64QAM-Outer_Full-217@0-Ant1-77.465-80.960-≤80-PASS



1-N78-3450-3550-30-80-M-9-CP-256QAM-Outer_Full-217@0-Ant1-77.388-80.800-≤80-PASS



1-N78-3450-3550-30-90-M-1-DFT-QPSK-Outer_Full-240@0-Ant1-85.554-88.920-≤90-PASS



1-N78-3450-3550-30-90-M-2-DFT-Pi2BPSK-Outer_Full-240@0-Ant1-85.583-88.920-≤90-PASS



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

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

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

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

Member of the SGS Group (SGS SA)