Appendix B.45

NR Band n78(3450-3550)

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

South of No. 9 Plant, No.1, Ruisheng 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·中新（江苏）自由贸易试验区苏州片区苏州工业园区润堤路1号9b号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N78-3450-3550	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	25.68	19.58	30	PASS
N78-3450-3550	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	25.59	19.49	30	PASS
N78-3450-3550	30	10	DFT-PI2BPSK	L	Outer_Full	25.1	19	30	PASS
N78-3450-3550	30	10	DFT-QPSK	L	Inner_1RB_Left	25.64	19.54	30	PASS
N78-3450-3550	30	10	DFT-QPSK	L	Inner_1RB_Right	25.6	19.5	30	PASS
N78-3450-3550	30	10	DFT-QPSK	L	Outer_Full	24.56	18.46	30	PASS
N78-3450-3550	30	10	DFT-16QAM	L	Inner_1RB_Left	24.63	18.53	30	PASS
N78-3450-3550	30	10	DFT-16QAM	L	Inner_1RB_Right	24.57	18.47	30	PASS
N78-3450-3550	30	10	DFT-16QAM	L	Outer_Full	23.66	17.56	30	PASS
N78-3450-3550	30	10	DFT-64QAM	L	Inner_1RB_Left	22.53	16.43	30	PASS
N78-3450-3550	30	10	DFT-64QAM	L	Inner_1RB_Right	22.52	16.42	30	PASS
N78-3450-3550	30	10	DFT-64QAM	L	Outer_Full	23.15	17.05	30	PASS
N78-3450-3550	30	10	DFT-256QAM	L	Inner_1RB_Left	21.01	14.91	30	PASS
N78-3450-3550	30	10	DFT-256QAM	L	Inner_1RB_Right	20.86	14.76	30	PASS
N78-3450-3550	30	10	DFT-256QAM	L	Outer_Full	21.03	14.93	30	PASS
N78-3450-3550	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	25.64	19.54	30	PASS
N78-3450-3550	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	25.41	19.31	30	PASS
N78-3450-3550	30	10	DFT-PI2BPSK	M	Outer_Full	24.94	18.84	30	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Inner_1RB_Left	25.51	19.41	30	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Inner_1RB_Right	25.35	19.25	30	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Outer_Full	24.43	18.33	30	PASS
N78-3450-3550	30	10	DFT-16QAM	M	Inner_1RB_Left	24.54	18.44	30	PASS
N78-3450-3550	30	10	DFT-16QAM	M	Inner_1RB_Right	24.4	18.3	30	PASS
N78-3450-3550	30	10	DFT-16QAM	M	Outer_Full	23.46	17.36	30	PASS
N78-3450-3550	30	10	DFT-64QAM	M	Inner_1RB_Left	22.57	16.47	30	PASS

Unless otherwise agreed in writing, this document is subject to the Company's terms and conditions of service which is available on request or accessible at http://www.sgs.com/terms-and-conditions 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

No.1 Workshop, No.1 Plant, No.1, Runsheng 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·中新（江苏）自由贸易试验区苏州工业园区润慧路1号东1号厂房南侧 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

N78-3450-3550	30	10	DFT-64QAM	M	Inner_1RB_Right	22.24	16.14	30	PASS
N78-3450-3550	30	10	DFT-64QAM	M	Outer_Full	23.05	16.95	30	PASS
N78-3450-3550	30	10	DFT-256QAM	M	Inner_1RB_Left	20.8	14.7	30	PASS
N78-3450-3550	30	10	DFT-256QAM	M	Inner_1RB_Right	20.72	14.62	30	PASS
N78-3450-3550	30	10	DFT-256QAM	M	Outer_Full	20.85	14.75	30	PASS
N78-3450-3550	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	25.31	19.21	30	PASS
N78-3450-3550	30	10	DFT-PI2BPSK	H	Inner_1RB_Right	25.25	19.15	30	PASS
N78-3450-3550	30	10	DFT-PI2BPSK	H	Outer_Full	24.81	18.71	30	PASS
N78-3450-3550	30	10	DFT-QPSK	H	Inner_1RB_Left	25.28	19.18	30	PASS
N78-3450-3550	30	10	DFT-QPSK	H	Inner_1RB_Right	25.24	19.14	30	PASS
N78-3450-3550	30	10	DFT-QPSK	H	Outer_Full	24.28	18.18	30	PASS
N78-3450-3550	30	10	DFT-16QAM	H	Inner_1RB_Left	24.12	18.02	30	PASS
N78-3450-3550	30	10	DFT-16QAM	H	Inner_1RB_Right	24.22	18.12	30	PASS
N78-3450-3550	30	10	DFT-16QAM	H	Outer_Full	23.17	17.07	30	PASS
N78-3450-3550	30	10	DFT-64QAM	H	Inner_1RB_Left	22.23	16.13	30	PASS
N78-3450-3550	30	10	DFT-64QAM	H	Inner_1RB_Right	22.22	16.12	30	PASS
N78-3450-3550	30	10	DFT-64QAM	H	Outer_Full	22.7	16.6	30	PASS
N78-3450-3550	30	10	DFT-256QAM	H	Inner_1RB_Left	20.45	14.35	30	PASS
N78-3450-3550	30	10	DFT-256QAM	H	Inner_1RB_Right	20.44	14.34	30	PASS
N78-3450-3550	30	10	DFT-256QAM	H	Outer_Full	20.58	14.48	30	PASS
N78-3450-3550	30	15	DFT-PI2BPSK	L	Inner_1RB_Left	25.86	19.76	30	PASS
N78-3450-3550	30	15	DFT-PI2BPSK	L	Inner_1RB_Right	25.69	19.59	30	PASS
N78-3450-3550	30	15	DFT-PI2BPSK	L	Outer_Full	25.26	19.16	30	PASS
N78-3450-3550	30	15	DFT-QPSK	L	Inner_1RB_Left	25.84	19.74	30	PASS
N78-3450-3550	30	15	DFT-QPSK	L	Inner_1RB_Right	25.65	19.55	30	PASS
N78-3450-3550	30	15	DFT-QPSK	L	Outer_Full	24.73	18.63	30	PASS
N78-3450-3550	30	15	DFT-16QAM	L	Inner_1RB_Left	24.68	18.58	30	PASS
N78-3450-3550	30	15	DFT-16QAM	L	Inner_1RB_Right	24.63	18.53	30	PASS
N78-3450-3550	30	15	DFT-16QAM	L	Outer_Full	23.78	17.68	30	PASS
N78-3450-3550	30	15	DFT-64QAM	L	Inner_1RB_Left	22.8	16.7	30	PASS
N78-3450-3550	30	15	DFT-64QAM	L	Inner_1RB_Right	22.71	16.61	30	PASS
N78-3450-3550	30	15	DFT-64QAM	L	Outer_Full	23.3	17.2	30	PASS

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

N78-3450-3550	30	15	DFT-256QAM	L	Inner_1RB_Left	21.11	15.01	30	PASS
N78-3450-3550	30	15	DFT-256QAM	L	Inner_1RB_Right	21	14.9	30	PASS
N78-3450-3550	30	15	DFT-256QAM	L	Outer_Full	21.23	15.13	30	PASS
N78-3450-3550	30	15	DFT-PI2BPSK	M	Inner_1RB_Left	25.69	19.59	30	PASS
N78-3450-3550	30	15	DFT-PI2BPSK	M	Inner_1RB_Right	25.47	19.37	30	PASS
N78-3450-3550	30	15	DFT-PI2BPSK	M	Outer_Full	25.09	18.99	30	PASS
N78-3450-3550	30	15	DFT-QPSK	M	Inner_1RB_Left	25.68	19.58	30	PASS
N78-3450-3550	30	15	DFT-QPSK	M	Inner_1RB_Right	25.42	19.32	30	PASS
N78-3450-3550	30	15	DFT-QPSK	M	Outer_Full	24.6	18.5	30	PASS
N78-3450-3550	30	15	DFT-16QAM	M	Inner_1RB_Left	24.74	18.64	30	PASS
N78-3450-3550	30	15	DFT-16QAM	M	Inner_1RB_Right	24.49	18.39	30	PASS
N78-3450-3550	30	15	DFT-16QAM	M	Outer_Full	23.59	17.49	30	PASS
N78-3450-3550	30	15	DFT-64QAM	M	Inner_1RB_Left	22.6	16.5	30	PASS
N78-3450-3550	30	15	DFT-64QAM	M	Inner_1RB_Right	22.47	16.37	30	PASS
N78-3450-3550	30	15	DFT-64QAM	M	Outer_Full	22.96	16.86	30	PASS
N78-3450-3550	30	15	DFT-256QAM	M	Inner_1RB_Left	20.89	14.79	30	PASS
N78-3450-3550	30	15	DFT-256QAM	M	Inner_1RB_Right	20.73	14.63	30	PASS
N78-3450-3550	30	15	DFT-256QAM	M	Outer_Full	20.92	14.82	30	PASS
N78-3450-3550	30	15	DFT-PI2BPSK	H	Inner_1RB_Left	25.43	19.33	30	PASS
N78-3450-3550	30	15	DFT-PI2BPSK	H	Inner_1RB_Right	25.28	19.18	30	PASS
N78-3450-3550	30	15	DFT-PI2BPSK	H	Outer_Full	24.87	18.77	30	PASS
N78-3450-3550	30	15	DFT-QPSK	H	Inner_1RB_Left	25.4	19.3	30	PASS
N78-3450-3550	30	15	DFT-QPSK	H	Inner_1RB_Right	25.31	19.21	30	PASS
N78-3450-3550	30	15	DFT-QPSK	H	Outer_Full	24.32	18.22	30	PASS
N78-3450-3550	30	15	DFT-16QAM	H	Inner_1RB_Left	24.39	18.29	30	PASS
N78-3450-3550	30	15	DFT-16QAM	H	Inner_1RB_Right	24.34	18.24	30	PASS
N78-3450-3550	30	15	DFT-16QAM	H	Outer_Full	23.33	17.23	30	PASS
N78-3450-3550	30	15	DFT-64QAM	H	Inner_1RB_Left	22.35	16.25	30	PASS
N78-3450-3550	30	15	DFT-64QAM	H	Inner_1RB_Right	22.29	16.19	30	PASS
N78-3450-3550	30	15	DFT-64QAM	H	Outer_Full	22.84	16.74	30	PASS
N78-3450-3550	30	15	DFT-256QAM	H	Inner_1RB_Left	20.77	14.67	30	PASS
N78-3450-3550	30	15	DFT-256QAM	H	Inner_1RB_Right	20.63	14.53	30	PASS

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

N78-3450-3550	30	15	DFT-256QAM	H	Outer_Full	20.81	14.71	30	PASS
N78-3450-3550	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	25.75	19.65	30	PASS
N78-3450-3550	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	25.56	19.46	30	PASS
N78-3450-3550	30	20	DFT-PI2BPSK	L	Outer_Full	25.11	19.01	30	PASS
N78-3450-3550	30	20	DFT-QPSK	L	Inner_1RB_Left	25.76	19.66	30	PASS
N78-3450-3550	30	20	DFT-QPSK	L	Inner_1RB_Right	25.49	19.39	30	PASS
N78-3450-3550	30	20	DFT-QPSK	L	Outer_Full	24.6	18.5	30	PASS
N78-3450-3550	30	20	DFT-16QAM	L	Inner_1RB_Left	24.81	18.71	30	PASS
N78-3450-3550	30	20	DFT-16QAM	L	Inner_1RB_Right	24.39	18.29	30	PASS
N78-3450-3550	30	20	DFT-16QAM	L	Outer_Full	23.57	17.47	30	PASS
N78-3450-3550	30	20	DFT-64QAM	L	Inner_1RB_Left	22.81	16.71	30	PASS
N78-3450-3550	30	20	DFT-64QAM	L	Inner_1RB_Right	22.32	16.22	30	PASS
N78-3450-3550	30	20	DFT-64QAM	L	Outer_Full	23.16	17.06	30	PASS
N78-3450-3550	30	20	DFT-256QAM	L	Inner_1RB_Left	21.05	14.95	30	PASS
N78-3450-3550	30	20	DFT-256QAM	L	Inner_1RB_Right	20.71	14.61	30	PASS
N78-3450-3550	30	20	DFT-256QAM	L	Outer_Full	21.07	14.97	30	PASS
N78-3450-3550	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	25.67	19.57	30	PASS
N78-3450-3550	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	25.4	19.3	30	PASS
N78-3450-3550	30	20	DFT-PI2BPSK	M	Outer_Full	24.96	18.86	30	PASS
N78-3450-3550	30	20	DFT-QPSK	M	Inner_1RB_Left	25.6	19.5	30	PASS
N78-3450-3550	30	20	DFT-QPSK	M	Inner_1RB_Right	25.36	19.26	30	PASS
N78-3450-3550	30	20	DFT-QPSK	M	Outer_Full	24.47	18.37	30	PASS
N78-3450-3550	30	20	DFT-16QAM	M	Inner_1RB_Left	24.57	18.47	30	PASS
N78-3450-3550	30	20	DFT-16QAM	M	Inner_1RB_Right	24.37	18.27	30	PASS
N78-3450-3550	30	20	DFT-16QAM	M	Outer_Full	23.49	17.39	30	PASS
N78-3450-3550	30	20	DFT-64QAM	M	Inner_1RB_Left	22.48	16.38	30	PASS
N78-3450-3550	30	20	DFT-64QAM	M	Inner_1RB_Right	22.33	16.23	30	PASS
N78-3450-3550	30	20	DFT-64QAM	M	Outer_Full	22.99	16.89	30	PASS
N78-3450-3550	30	20	DFT-256QAM	M	Inner_1RB_Left	20.87	14.77	30	PASS
N78-3450-3550	30	20	DFT-256QAM	M	Inner_1RB_Right	20.69	14.59	30	PASS
N78-3450-3550	30	20	DFT-256QAM	M	Outer_Full	20.96	14.86	30	PASS
N78-3450-3550	30	20	DFT-	H	Inner_1RB_Left	25.47	19.37	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-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.

			PI2BPSK						
N78-3450-3550	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	25.3	19.2	30	PASS
N78-3450-3550	30	20	DFT-PI2BPSK	H	Outer_Full	24.78	18.68	30	PASS
N78-3450-3550	30	20	DFT-QPSK	H	Inner_1RB_Left	25.45	19.35	30	PASS
N78-3450-3550	30	20	DFT-QPSK	H	Inner_1RB_Right	25.21	19.11	30	PASS
N78-3450-3550	30	20	DFT-QPSK	H	Outer_Full	24.2	18.1	30	PASS
N78-3450-3550	30	20	DFT-16QAM	H	Inner_1RB_Left	24.47	18.37	30	PASS
N78-3450-3550	30	20	DFT-16QAM	H	Inner_1RB_Right	24.17	18.07	30	PASS
N78-3450-3550	30	20	DFT-16QAM	H	Outer_Full	23.19	17.09	30	PASS
N78-3450-3550	30	20	DFT-64QAM	H	Inner_1RB_Left	22.46	16.36	30	PASS
N78-3450-3550	30	20	DFT-64QAM	H	Inner_1RB_Right	22.01	15.91	30	PASS
N78-3450-3550	30	20	DFT-64QAM	H	Outer_Full	22.78	16.68	30	PASS
N78-3450-3550	30	20	DFT-256QAM	H	Inner_1RB_Left	20.78	14.68	30	PASS
N78-3450-3550	30	20	DFT-256QAM	H	Inner_1RB_Right	20.44	14.34	30	PASS
N78-3450-3550	30	20	DFT-256QAM	H	Outer_Full	20.7	14.6	30	PASS
N78-3450-3550	30	30	DFT-PI2BPSK	L	Inner_1RB_Left	25.81	19.71	30	PASS
N78-3450-3550	30	30	DFT-PI2BPSK	L	Inner_1RB_Right	25.47	19.37	30	PASS
N78-3450-3550	30	30	DFT-PI2BPSK	L	Outer_Full	25.13	19.03	30	PASS
N78-3450-3550	30	30	DFT-QPSK	L	Inner_1RB_Left	25.85	19.75	30	PASS
N78-3450-3550	30	30	DFT-QPSK	L	Inner_1RB_Right	25.44	19.34	30	PASS
N78-3450-3550	30	30	DFT-QPSK	L	Outer_Full	24.58	18.48	30	PASS
N78-3450-3550	30	30	DFT-16QAM	L	Inner_1RB_Left	24.69	18.59	30	PASS
N78-3450-3550	30	30	DFT-16QAM	L	Inner_1RB_Right	24.4	18.3	30	PASS
N78-3450-3550	30	30	DFT-16QAM	L	Outer_Full	23.61	17.51	30	PASS
N78-3450-3550	30	30	DFT-64QAM	L	Inner_1RB_Left	22.65	16.55	30	PASS
N78-3450-3550	30	30	DFT-64QAM	L	Inner_1RB_Right	22.3	16.2	30	PASS
N78-3450-3550	30	30	DFT-64QAM	L	Outer_Full	23.14	17.04	30	PASS
N78-3450-3550	30	30	DFT-256QAM	L	Inner_1RB_Left	21.04	14.94	30	PASS
N78-3450-3550	30	30	DFT-256QAM	L	Inner_1RB_Right	20.69	14.59	30	PASS
N78-3450-3550	30	30	DFT-256QAM	L	Outer_Full	21	14.9	30	PASS
N78-3450-3550	30	30	DFT-PI2BPSK	M	Inner_1RB_Left	25.68	19.58	30	PASS
N78-3450-3550	30	30	DFT-	M	Inner_1RB_Right	25.4	19.3	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 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

			PI2BPSK						
N78-3450-3550	30	30	DFT-PI2BPSK	M	Outer_Full	24.99	18.89	30	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Inner_1RB_Left	25.69	19.59	30	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Inner_1RB_Right	25.41	19.31	30	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Outer_Full	24.52	18.42	30	PASS
N78-3450-3550	30	30	DFT-16QAM	M	Inner_1RB_Left	24.75	18.65	30	PASS
N78-3450-3550	30	30	DFT-16QAM	M	Inner_1RB_Right	24.39	18.29	30	PASS
N78-3450-3550	30	30	DFT-16QAM	M	Outer_Full	23.54	17.44	30	PASS
N78-3450-3550	30	30	DFT-64QAM	M	Inner_1RB_Left	22.84	16.74	30	PASS
N78-3450-3550	30	30	DFT-64QAM	M	Inner_1RB_Right	22.51	16.41	30	PASS
N78-3450-3550	30	30	DFT-64QAM	M	Outer_Full	23.06	16.96	30	PASS
N78-3450-3550	30	30	DFT-256QAM	M	Inner_1RB_Left	21	14.9	30	PASS
N78-3450-3550	30	30	DFT-256QAM	M	Inner_1RB_Right	20.63	14.53	30	PASS
N78-3450-3550	30	30	DFT-256QAM	M	Outer_Full	21.03	14.93	30	PASS
N78-3450-3550	30	30	DFT-PI2BPSK	H	Inner_1RB_Left	25.5	19.4	30	PASS
N78-3450-3550	30	30	DFT-PI2BPSK	H	Inner_1RB_Right	25.27	19.17	30	PASS
N78-3450-3550	30	30	DFT-PI2BPSK	H	Outer_Full	24.87	18.77	30	PASS
N78-3450-3550	30	30	DFT-QPSK	H	Inner_1RB_Left	25.53	19.43	30	PASS
N78-3450-3550	30	30	DFT-QPSK	H	Inner_1RB_Right	25.15	19.05	30	PASS
N78-3450-3550	30	30	DFT-QPSK	H	Outer_Full	24.28	18.18	30	PASS
N78-3450-3550	30	30	DFT-16QAM	H	Inner_1RB_Left	24.33	18.23	30	PASS
N78-3450-3550	30	30	DFT-16QAM	H	Inner_1RB_Right	24.28	18.18	30	PASS
N78-3450-3550	30	30	DFT-16QAM	H	Outer_Full	23.37	17.27	30	PASS
N78-3450-3550	30	30	DFT-64QAM	H	Inner_1RB_Left	22.58	16.48	30	PASS
N78-3450-3550	30	30	DFT-64QAM	H	Inner_1RB_Right	22.08	15.98	30	PASS
N78-3450-3550	30	30	DFT-64QAM	H	Outer_Full	22.91	16.81	30	PASS
N78-3450-3550	30	30	DFT-256QAM	H	Inner_1RB_Left	20.95	14.85	30	PASS
N78-3450-3550	30	30	DFT-256QAM	H	Inner_1RB_Right	20.56	14.46	30	PASS
N78-3450-3550	30	30	DFT-256QAM	H	Outer_Full	20.82	14.72	30	PASS
N78-3450-3550	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	25.91	19.81	30	PASS
N78-3450-3550	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	25.64	19.54	30	PASS
N78-3450-3550	30	40	DFT-	L	Outer_Full	25.11	19.01	30	PASS

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

			PI2BPSK						
N78-3450-3550	30	40	DFT-QPSK	L	Inner_1RB_Left	25.93	19.83	30	PASS
N78-3450-3550	30	40	DFT-QPSK	L	Inner_1RB_Right	25.68	19.58	30	PASS
N78-3450-3550	30	40	DFT-QPSK	L	Outer_Full	24.59	18.49	30	PASS
N78-3450-3550	30	40	DFT-16QAM	L	Inner_1RB_Left	24.99	18.89	30	PASS
N78-3450-3550	30	40	DFT-16QAM	L	Inner_1RB_Right	24.74	18.64	30	PASS
N78-3450-3550	30	40	DFT-16QAM	L	Outer_Full	23.61	17.51	30	PASS
N78-3450-3550	30	40	DFT-64QAM	L	Inner_1RB_Left	22.67	16.57	30	PASS
N78-3450-3550	30	40	DFT-64QAM	L	Inner_1RB_Right	22.71	16.61	30	PASS
N78-3450-3550	30	40	DFT-64QAM	L	Outer_Full	23.14	17.04	30	PASS
N78-3450-3550	30	40	DFT-256QAM	L	Inner_1RB_Left	21.19	15.09	30	PASS
N78-3450-3550	30	40	DFT-256QAM	L	Inner_1RB_Right	20.94	14.84	30	PASS
N78-3450-3550	30	40	DFT-256QAM	L	Outer_Full	21.03	14.93	30	PASS
N78-3450-3550	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	25.65	19.55	30	PASS
N78-3450-3550	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	25.49	19.39	30	PASS
N78-3450-3550	30	40	DFT-PI2BPSK	M	Outer_Full	25.06	18.96	30	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Inner_1RB_Left	25.64	19.54	30	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Inner_1RB_Right	25.47	19.37	30	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Outer_Full	24.49	18.39	30	PASS
N78-3450-3550	30	40	DFT-16QAM	M	Inner_1RB_Left	24.69	18.59	30	PASS
N78-3450-3550	30	40	DFT-16QAM	M	Inner_1RB_Right	24.55	18.45	30	PASS
N78-3450-3550	30	40	DFT-16QAM	M	Outer_Full	23.42	17.32	30	PASS
N78-3450-3550	30	40	DFT-64QAM	M	Inner_1RB_Left	22.63	16.53	30	PASS
N78-3450-3550	30	40	DFT-64QAM	M	Inner_1RB_Right	22.53	16.43	30	PASS
N78-3450-3550	30	40	DFT-64QAM	M	Outer_Full	23.05	16.95	30	PASS
N78-3450-3550	30	40	DFT-256QAM	M	Inner_1RB_Left	20.88	14.78	30	PASS
N78-3450-3550	30	40	DFT-256QAM	M	Inner_1RB_Right	20.79	14.69	30	PASS
N78-3450-3550	30	40	DFT-256QAM	M	Outer_Full	21.09	14.99	30	PASS
N78-3450-3550	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	25.5	19.4	30	PASS
N78-3450-3550	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	25.27	19.17	30	PASS
N78-3450-3550	30	40	DFT-PI2BPSK	H	Outer_Full	24.81	18.71	30	PASS
N78-3450-3550	30	40	DFT-QPSK	H	Inner_1RB_Left	25.48	19.38	30	PASS

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

N78-3450-3550	30	40	DFT-QPSK	H	Inner_1RB_Right	25.29	19.19	30	PASS
N78-3450-3550	30	40	DFT-QPSK	H	Outer_Full	24.35	18.25	30	PASS
N78-3450-3550	30	40	DFT-16QAM	H	Inner_1RB_Left	24.35	18.25	30	PASS
N78-3450-3550	30	40	DFT-16QAM	H	Inner_1RB_Right	24.31	18.21	30	PASS
N78-3450-3550	30	40	DFT-16QAM	H	Outer_Full	23.32	17.22	30	PASS
N78-3450-3550	30	40	DFT-64QAM	H	Inner_1RB_Left	22.45	16.35	30	PASS
N78-3450-3550	30	40	DFT-64QAM	H	Inner_1RB_Right	22.1	16	30	PASS
N78-3450-3550	30	40	DFT-64QAM	H	Outer_Full	22.83	16.73	30	PASS
N78-3450-3550	30	40	DFT-256QAM	H	Inner_1RB_Left	20.72	14.62	30	PASS
N78-3450-3550	30	40	DFT-256QAM	H	Inner_1RB_Right	20.49	14.39	30	PASS
N78-3450-3550	30	40	DFT-256QAM	H	Outer_Full	20.78	14.68	30	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	L	Inner_1RB_Left	25.76	19.66	30	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	L	Inner_1RB_Right	25.45	19.35	30	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	L	Outer_Full	25.08	18.98	30	PASS
N78-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Left	25.73	19.63	30	PASS
N78-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Right	25.4	19.3	30	PASS
N78-3450-3550	30	50	DFT-QPSK	L	Outer_Full	24.62	18.52	30	PASS
N78-3450-3550	30	50	DFT-16QAM	L	Inner_1RB_Left	24.73	18.63	30	PASS
N78-3450-3550	30	50	DFT-16QAM	L	Inner_1RB_Right	24.38	18.28	30	PASS
N78-3450-3550	30	50	DFT-16QAM	L	Outer_Full	23.56	17.46	30	PASS
N78-3450-3550	30	50	DFT-64QAM	L	Inner_1RB_Left	22.87	16.77	30	PASS
N78-3450-3550	30	50	DFT-64QAM	L	Inner_1RB_Right	22.41	16.31	30	PASS
N78-3450-3550	30	50	DFT-64QAM	L	Outer_Full	23.11	17.01	30	PASS
N78-3450-3550	30	50	DFT-256QAM	L	Inner_1RB_Left	21.14	15.04	30	PASS
N78-3450-3550	30	50	DFT-256QAM	L	Inner_1RB_Right	20.84	14.74	30	PASS
N78-3450-3550	30	50	DFT-256QAM	L	Outer_Full	21.03	14.93	30	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	M	Inner_1RB_Left	25.48	19.38	30	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	M	Inner_1RB_Right	25.29	19.19	30	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	M	Outer_Full	25.01	18.91	30	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Inner_1RB_Left	25.47	19.37	30	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Inner_1RB_Right	25.26	19.16	30	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Outer_Full	24.44	18.34	30	PASS

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

Building No. 8 Floor, No.1, Ruisheng 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·中新（江苏）自由贸易试验区苏州工业园区瑞盛路1号8#5厂房南落 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

N78-3450-3550	30	50	DFT-16QAM	M	Inner_1RB_Left	24.47	18.37	30	PASS
N78-3450-3550	30	50	DFT-16QAM	M	Inner_1RB_Right	24.3	18.2	30	PASS
N78-3450-3550	30	50	DFT-16QAM	M	Outer_Full	23.52	17.42	30	PASS
N78-3450-3550	30	50	DFT-64QAM	M	Inner_1RB_Left	22.28	16.18	30	PASS
N78-3450-3550	30	50	DFT-64QAM	M	Inner_1RB_Right	22.36	16.26	30	PASS
N78-3450-3550	30	50	DFT-64QAM	M	Outer_Full	23.02	16.92	30	PASS
N78-3450-3550	30	50	DFT-256QAM	M	Inner_1RB_Left	20.81	14.71	30	PASS
N78-3450-3550	30	50	DFT-256QAM	M	Inner_1RB_Right	20.75	14.65	30	PASS
N78-3450-3550	30	50	DFT-256QAM	M	Outer_Full	21.01	14.91	30	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	H	Inner_1RB_Left	25.4	19.3	30	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	H	Inner_1RB_Right	25.07	18.97	30	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	H	Outer_Full	24.72	18.62	30	PASS
N78-3450-3550	30	50	DFT-QPSK	H	Inner_1RB_Left	25.38	19.28	30	PASS
N78-3450-3550	30	50	DFT-QPSK	H	Inner_1RB_Right	25.02	18.92	30	PASS
N78-3450-3550	30	50	DFT-QPSK	H	Outer_Full	24.19	18.09	30	PASS
N78-3450-3550	30	50	DFT-16QAM	H	Inner_1RB_Left	24.44	18.34	30	PASS
N78-3450-3550	30	50	DFT-16QAM	H	Inner_1RB_Right	24.05	17.95	30	PASS
N78-3450-3550	30	50	DFT-16QAM	H	Outer_Full	23.26	17.16	30	PASS
N78-3450-3550	30	50	DFT-64QAM	H	Inner_1RB_Left	22.44	16.34	30	PASS
N78-3450-3550	30	50	DFT-64QAM	H	Inner_1RB_Right	21.91	15.81	30	PASS
N78-3450-3550	30	50	DFT-64QAM	H	Outer_Full	22.79	16.69	30	PASS
N78-3450-3550	30	50	DFT-256QAM	H	Inner_1RB_Left	20.77	14.67	30	PASS
N78-3450-3550	30	50	DFT-256QAM	H	Inner_1RB_Right	20.36	14.26	30	PASS
N78-3450-3550	30	50	DFT-256QAM	H	Outer_Full	20.76	14.66	30	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	L	Inner_1RB_Left	25.8	19.7	30	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	L	Inner_1RB_Right	25.14	19.04	30	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	L	Outer_Full	24.93	18.83	30	PASS
N78-3450-3550	30	60	DFT-QPSK	L	Inner_1RB_Left	25.77	19.67	30	PASS
N78-3450-3550	30	60	DFT-QPSK	L	Inner_1RB_Right	25.16	19.06	30	PASS
N78-3450-3550	30	60	DFT-QPSK	L	Outer_Full	24.49	18.39	30	PASS
N78-3450-3550	30	60	DFT-16QAM	L	Inner_1RB_Left	24.69	18.59	30	PASS
N78-3450-3550	30	60	DFT-16QAM	L	Inner_1RB_Right	24.04	17.94	30	PASS

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

N78-3450-3550	30	60	DFT-16QAM	L	Outer_Full	23.42	17.32	30	PASS
N78-3450-3550	30	60	DFT-64QAM	L	Inner_1RB_Left	22.66	16.56	30	PASS
N78-3450-3550	30	60	DFT-64QAM	L	Inner_1RB_Right	22.01	15.91	30	PASS
N78-3450-3550	30	60	DFT-64QAM	L	Outer_Full	22.98	16.88	30	PASS
N78-3450-3550	30	60	DFT-256QAM	L	Inner_1RB_Left	21.02	14.92	30	PASS
N78-3450-3550	30	60	DFT-256QAM	L	Inner_1RB_Right	20.47	14.37	30	PASS
N78-3450-3550	30	60	DFT-256QAM	L	Outer_Full	20.94	14.84	30	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	M	Inner_1RB_Left	25.39	19.29	30	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	M	Inner_1RB_Right	25.16	19.06	30	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	M	Outer_Full	24.74	18.64	30	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Left	25.37	19.27	30	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Right	25.12	19.02	30	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Outer_Full	24.24	18.14	30	PASS
N78-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Left	24.51	18.41	30	PASS
N78-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Right	24.14	18.04	30	PASS
N78-3450-3550	30	60	DFT-16QAM	M	Outer_Full	23.23	17.13	30	PASS
N78-3450-3550	30	60	DFT-64QAM	M	Inner_1RB_Left	22.22	16.12	30	PASS
N78-3450-3550	30	60	DFT-64QAM	M	Inner_1RB_Right	22.01	15.91	30	PASS
N78-3450-3550	30	60	DFT-64QAM	M	Outer_Full	22.81	16.71	30	PASS
N78-3450-3550	30	60	DFT-256QAM	M	Inner_1RB_Left	20.68	14.58	30	PASS
N78-3450-3550	30	60	DFT-256QAM	M	Inner_1RB_Right	20.44	14.34	30	PASS
N78-3450-3550	30	60	DFT-256QAM	M	Outer_Full	20.74	14.64	30	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	H	Inner_1RB_Left	25.44	19.34	30	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	H	Inner_1RB_Right	24.97	18.87	30	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	H	Outer_Full	24.7	18.6	30	PASS
N78-3450-3550	30	60	DFT-QPSK	H	Inner_1RB_Left	25.47	19.37	30	PASS
N78-3450-3550	30	60	DFT-QPSK	H	Inner_1RB_Right	24.98	18.88	30	PASS
N78-3450-3550	30	60	DFT-QPSK	H	Outer_Full	24.22	18.12	30	PASS
N78-3450-3550	30	60	DFT-16QAM	H	Inner_1RB_Left	24.59	18.49	30	PASS
N78-3450-3550	30	60	DFT-16QAM	H	Inner_1RB_Right	24.08	17.98	30	PASS
N78-3450-3550	30	60	DFT-16QAM	H	Outer_Full	23.19	17.09	30	PASS
N78-3450-3550	30	60	DFT-64QAM	H	Inner_1RB_Left	22.34	16.24	30	PASS

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

N78-3450-3550	30	60	DFT-64QAM	H	Inner_1RB_Right	21.99	15.89	30	PASS
N78-3450-3550	30	60	DFT-64QAM	H	Outer_Full	22.7	16.6	30	PASS
N78-3450-3550	30	60	DFT-256QAM	H	Inner_1RB_Left	20.82	14.72	30	PASS
N78-3450-3550	30	60	DFT-256QAM	H	Inner_1RB_Right	20.23	14.13	30	PASS
N78-3450-3550	30	60	DFT-256QAM	H	Outer_Full	20.67	14.57	30	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	L	Inner_1RB_Left	25.74	19.64	30	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	L	Inner_1RB_Right	25.26	19.16	30	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	L	Outer_Full	24.99	18.89	30	PASS
N78-3450-3550	30	70	DFT-QPSK	L	Inner_1RB_Left	25.77	19.67	30	PASS
N78-3450-3550	30	70	DFT-QPSK	L	Inner_1RB_Right	25.22	19.12	30	PASS
N78-3450-3550	30	70	DFT-QPSK	L	Outer_Full	24.54	18.44	30	PASS
N78-3450-3550	30	70	DFT-16QAM	L	Inner_1RB_Left	24.77	18.67	30	PASS
N78-3450-3550	30	70	DFT-16QAM	L	Inner_1RB_Right	24.36	18.26	30	PASS
N78-3450-3550	30	70	DFT-16QAM	L	Outer_Full	23.5	17.4	30	PASS
N78-3450-3550	30	70	DFT-64QAM	L	Inner_1RB_Left	22.79	16.69	30	PASS
N78-3450-3550	30	70	DFT-64QAM	L	Inner_1RB_Right	22.15	16.05	30	PASS
N78-3450-3550	30	70	DFT-64QAM	L	Outer_Full	23.06	16.96	30	PASS
N78-3450-3550	30	70	DFT-256QAM	L	Inner_1RB_Left	21.06	14.96	30	PASS
N78-3450-3550	30	70	DFT-256QAM	L	Inner_1RB_Right	20.52	14.42	30	PASS
N78-3450-3550	30	70	DFT-256QAM	L	Outer_Full	21.04	14.94	30	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	M	Inner_1RB_Left	25.61	19.51	30	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	M	Inner_1RB_Right	25.2	19.1	30	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	M	Outer_Full	24.88	18.78	30	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Inner_1RB_Left	25.57	19.47	30	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Inner_1RB_Right	25.18	19.08	30	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Outer_Full	24.38	18.28	30	PASS
N78-3450-3550	30	70	DFT-16QAM	M	Inner_1RB_Left	24.65	18.55	30	PASS
N78-3450-3550	30	70	DFT-16QAM	M	Inner_1RB_Right	24.2	18.1	30	PASS
N78-3450-3550	30	70	DFT-16QAM	M	Outer_Full	23.41	17.31	30	PASS
N78-3450-3550	30	70	DFT-64QAM	M	Inner_1RB_Left	22.62	16.52	30	PASS
N78-3450-3550	30	70	DFT-64QAM	M	Inner_1RB_Right	22.22	16.12	30	PASS
N78-3450-3550	30	70	DFT-64QAM	M	Outer_Full	22.98	16.88	30	PASS

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

N78-3450-3550	30	70	DFT-256QAM	M	Inner_1RB_Left	20.91	14.81	30	PASS
N78-3450-3550	30	70	DFT-256QAM	M	Inner_1RB_Right	20.58	14.48	30	PASS
N78-3450-3550	30	70	DFT-256QAM	M	Outer_Full	20.94	14.84	30	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	H	Inner_1RB_Left	25.43	19.33	30	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	H	Inner_1RB_Right	25.04	18.94	30	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	H	Outer_Full	24.82	18.72	30	PASS
N78-3450-3550	30	70	DFT-QPSK	H	Inner_1RB_Left	25.39	19.29	30	PASS
N78-3450-3550	30	70	DFT-QPSK	H	Inner_1RB_Right	25.03	18.93	30	PASS
N78-3450-3550	30	70	DFT-QPSK	H	Outer_Full	24.38	18.28	30	PASS
N78-3450-3550	30	70	DFT-16QAM	H	Inner_1RB_Left	24.49	18.39	30	PASS
N78-3450-3550	30	70	DFT-16QAM	H	Inner_1RB_Right	24.01	17.91	30	PASS
N78-3450-3550	30	70	DFT-16QAM	H	Outer_Full	23.34	17.24	30	PASS
N78-3450-3550	30	70	DFT-64QAM	H	Inner_1RB_Left	22.42	16.32	30	PASS
N78-3450-3550	30	70	DFT-64QAM	H	Inner_1RB_Right	22.01	15.91	30	PASS
N78-3450-3550	30	70	DFT-64QAM	H	Outer_Full	22.89	16.79	30	PASS
N78-3450-3550	30	70	DFT-256QAM	H	Inner_1RB_Left	20.82	14.72	30	PASS
N78-3450-3550	30	70	DFT-256QAM	H	Inner_1RB_Right	20.33	14.23	30	PASS
N78-3450-3550	30	70	DFT-256QAM	H	Outer_Full	20.91	14.81	30	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	L	Inner_1RB_Left	25.68	19.58	30	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	L	Inner_1RB_Right	25.19	19.09	30	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	L	Outer_Full	24.89	18.79	30	PASS
N78-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Left	25.65	19.55	30	PASS
N78-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Right	25.15	19.05	30	PASS
N78-3450-3550	30	80	DFT-QPSK	L	Outer_Full	24.38	18.28	30	PASS
N78-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Left	22.31	16.21	30	FAIL
N78-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Right	24.15	18.05	30	PASS
N78-3450-3550	30	80	DFT-16QAM	L	Outer_Full	23.33	17.23	30	PASS
N78-3450-3550	30	80	DFT-64QAM	L	Inner_1RB_Left	22.43	16.33	30	PASS
N78-3450-3550	30	80	DFT-64QAM	L	Inner_1RB_Right	22.02	15.92	30	PASS
N78-3450-3550	30	80	DFT-64QAM	L	Outer_Full	22.95	16.85	30	PASS
N78-3450-3550	30	80	DFT-256QAM	L	Inner_1RB_Left	20.94	14.84	30	PASS
N78-3450-3550	30	80	DFT-256QAM	L	Inner_1RB_Right	20.5	14.4	30	PASS

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

N78-3450-3550	30	80	DFT-256QAM	L	Outer_Full	20.85	14.75	30	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	M	Inner_1RB_Left	25.47	19.37	30	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	M	Inner_1RB_Right	25.03	18.93	30	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	M	Outer_Full	24.76	18.66	30	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Inner_1RB_Left	25.5	19.4	30	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Inner_1RB_Right	25.01	18.91	30	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Outer_Full	24.29	18.19	30	PASS
N78-3450-3550	30	80	DFT-16QAM	M	Inner_1RB_Left	24.43	18.33	30	PASS
N78-3450-3550	30	80	DFT-16QAM	M	Inner_1RB_Right	24.09	17.99	30	PASS
N78-3450-3550	30	80	DFT-16QAM	M	Outer_Full	23.18	17.08	30	PASS
N78-3450-3550	30	80	DFT-64QAM	M	Inner_1RB_Left	22.57	16.47	30	PASS
N78-3450-3550	30	80	DFT-64QAM	M	Inner_1RB_Right	21.86	15.76	30	PASS
N78-3450-3550	30	80	DFT-64QAM	M	Outer_Full	22.74	16.64	30	PASS
N78-3450-3550	30	80	DFT-256QAM	M	Inner_1RB_Left	20.77	14.67	30	PASS
N78-3450-3550	30	80	DFT-256QAM	M	Inner_1RB_Right	20.25	14.15	30	PASS
N78-3450-3550	30	80	DFT-256QAM	M	Outer_Full	20.72	14.62	30	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	H	Inner_1RB_Left	25.3	19.2	30	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	H	Inner_1RB_Right	24.95	18.85	30	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	H	Outer_Full	24.75	18.65	30	PASS
N78-3450-3550	30	80	DFT-QPSK	H	Inner_1RB_Left	25.26	19.16	30	PASS
N78-3450-3550	30	80	DFT-QPSK	H	Inner_1RB_Right	24.96	18.86	30	PASS
N78-3450-3550	30	80	DFT-QPSK	H	Outer_Full	24.19	18.09	30	PASS
N78-3450-3550	30	80	DFT-16QAM	H	Inner_1RB_Left	24.33	18.23	30	PASS
N78-3450-3550	30	80	DFT-16QAM	H	Inner_1RB_Right	23.91	17.81	30	PASS
N78-3450-3550	30	80	DFT-16QAM	H	Outer_Full	23.18	17.08	30	PASS
N78-3450-3550	30	80	DFT-64QAM	H	Inner_1RB_Left	22.1	16	30	PASS
N78-3450-3550	30	80	DFT-64QAM	H	Inner_1RB_Right	21.79	15.69	30	PASS
N78-3450-3550	30	80	DFT-64QAM	H	Outer_Full	22.73	16.63	30	PASS
N78-3450-3550	30	80	DFT-256QAM	H	Inner_1RB_Left	20.58	14.48	30	PASS
N78-3450-3550	30	80	DFT-256QAM	H	Inner_1RB_Right	20.26	14.16	30	PASS
N78-3450-3550	30	80	DFT-256QAM	H	Outer_Full	20.79	14.69	30	PASS
N78-3450-3550	30	90	DFT-	L	Inner_1RB_Left	25.68	19.58	30	PASS

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

			PI2BPSK						
N78-3450-3550	30	90	DFT-PI2BPSK	L	Inner_1RB_Right	25.22	19.12	30	PASS
N78-3450-3550	30	90	DFT-PI2BPSK	L	Outer_Full	25.03	18.93	30	PASS
N78-3450-3550	30	90	DFT-QPSK	L	Inner_1RB_Left	25.66	19.56	30	PASS
N78-3450-3550	30	90	DFT-QPSK	L	Inner_1RB_Right	25.18	19.08	30	PASS
N78-3450-3550	30	90	DFT-QPSK	L	Outer_Full	24.55	18.45	30	PASS
N78-3450-3550	30	90	DFT-16QAM	L	Inner_1RB_Left	24.7	18.6	30	PASS
N78-3450-3550	30	90	DFT-16QAM	L	Inner_1RB_Right	24.23	18.13	30	PASS
N78-3450-3550	30	90	DFT-16QAM	L	Outer_Full	23.49	17.39	30	PASS
N78-3450-3550	30	90	DFT-64QAM	L	Inner_1RB_Left	22.71	16.61	30	PASS
N78-3450-3550	30	90	DFT-64QAM	L	Inner_1RB_Right	22.14	16.04	30	PASS
N78-3450-3550	30	90	DFT-64QAM	L	Outer_Full	22.95	16.85	30	PASS
N78-3450-3550	30	90	DFT-256QAM	L	Inner_1RB_Left	21.03	14.93	30	PASS
N78-3450-3550	30	90	DFT-256QAM	L	Inner_1RB_Right	20.57	14.47	30	PASS
N78-3450-3550	30	90	DFT-256QAM	L	Outer_Full	20.97	14.87	30	PASS
N78-3450-3550	30	90	DFT-PI2BPSK	M	Inner_1RB_Left	25.63	19.53	30	PASS
N78-3450-3550	30	90	DFT-PI2BPSK	M	Inner_1RB_Right	25.08	18.98	30	PASS
N78-3450-3550	30	90	DFT-PI2BPSK	M	Outer_Full	24.93	18.83	30	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Inner_1RB_Left	25.57	19.47	30	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Inner_1RB_Right	25.03	18.93	30	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Outer_Full	24.41	18.31	30	PASS
N78-3450-3550	30	90	DFT-16QAM	M	Inner_1RB_Left	24.64	18.54	30	PASS
N78-3450-3550	30	90	DFT-16QAM	M	Inner_1RB_Right	24.09	17.99	30	PASS
N78-3450-3550	30	90	DFT-16QAM	M	Outer_Full	23.44	17.34	30	PASS
N78-3450-3550	30	90	DFT-64QAM	M	Inner_1RB_Left	22.61	16.51	30	PASS
N78-3450-3550	30	90	DFT-64QAM	M	Inner_1RB_Right	22.2	16.1	30	PASS
N78-3450-3550	30	90	DFT-64QAM	M	Outer_Full	22.85	16.75	30	PASS
N78-3450-3550	30	90	DFT-256QAM	M	Inner_1RB_Left	20.96	14.86	30	PASS
N78-3450-3550	30	90	DFT-256QAM	M	Inner_1RB_Right	20.43	14.33	30	PASS
N78-3450-3550	30	90	DFT-256QAM	M	Outer_Full	20.88	14.78	30	PASS
N78-3450-3550	30	90	DFT-PI2BPSK	H	Inner_1RB_Left	25.58	19.48	30	PASS
N78-3450-3550	30	90	DFT-	H	Inner_1RB_Right	25.08	18.98	30	PASS

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

			PI2BPSK						
N78-3450-3550	30	90	DFT-PI2BPSK	H	Outer_Full	24.86	18.76	30	PASS
N78-3450-3550	30	90	DFT-QPSK	H	Inner_1RB_Left	25.63	19.53	30	PASS
N78-3450-3550	30	90	DFT-QPSK	H	Inner_1RB_Right	24.98	18.88	30	PASS
N78-3450-3550	30	90	DFT-QPSK	H	Outer_Full	24.41	18.31	30	PASS
N78-3450-3550	30	90	DFT-16QAM	H	Inner_1RB_Left	24.55	18.45	30	PASS
N78-3450-3550	30	90	DFT-16QAM	H	Inner_1RB_Right	24.06	17.96	30	PASS
N78-3450-3550	30	90	DFT-16QAM	H	Outer_Full	23.44	17.34	30	PASS
N78-3450-3550	30	90	DFT-64QAM	H	Inner_1RB_Left	22.58	16.48	30	PASS
N78-3450-3550	30	90	DFT-64QAM	H	Inner_1RB_Right	22.12	16.02	30	PASS
N78-3450-3550	30	90	DFT-64QAM	H	Outer_Full	22.93	16.83	30	PASS
N78-3450-3550	30	90	DFT-256QAM	H	Inner_1RB_Left	20.92	14.82	30	PASS
N78-3450-3550	30	90	DFT-256QAM	H	Inner_1RB_Right	20.4	14.3	30	PASS
N78-3450-3550	30	90	DFT-256QAM	H	Outer_Full	20.94	14.84	30	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	25.39	19.29	30	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	24.99	18.89	30	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	Outer_Full	24.7	18.6	30	PASS
N78-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Left	25.48	19.38	30	PASS
N78-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Right	25	18.9	30	PASS
N78-3450-3550	30	100	DFT-QPSK	L	Outer_Full	24.22	18.12	30	PASS
N78-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Left	24.53	18.43	30	PASS
N78-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Right	24.05	17.95	30	PASS
N78-3450-3550	30	100	DFT-16QAM	L	Outer_Full	23.22	17.12	30	PASS
N78-3450-3550	30	100	DFT-64QAM	L	Inner_1RB_Left	22.32	16.22	30	PASS
N78-3450-3550	30	100	DFT-64QAM	L	Inner_1RB_Right	21.96	15.86	30	PASS
N78-3450-3550	30	100	DFT-64QAM	L	Outer_Full	22.72	16.62	30	PASS
N78-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Left	20.74	14.64	30	PASS
N78-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Right	20.27	14.17	30	PASS
N78-3450-3550	30	100	DFT-256QAM	L	Outer_Full	20.7	14.6	30	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	25.45	19.35	30	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	24.95	18.85	30	PASS
N78-3450-3550	30	100	DFT-	M	Outer_Full	24.71	18.61	30	PASS

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

			PI2BPSK						
N78-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Left	25.45	19.35	30	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Right	24.89	18.79	30	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	24.27	18.17	30	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Left	24.37	18.27	30	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Right	21.02	14.92	30	FAIL
N78-3450-3550	30	100	DFT-16QAM	M	Outer_Full	23.27	17.17	30	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Left	22.41	16.31	30	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Right	21.89	15.79	30	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Outer_Full	22.77	16.67	30	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Left	20.76	14.66	30	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Right	20.34	14.24	30	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	20.72	14.62	30	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	25.43	19.33	30	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	24.98	18.88	30	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	H	Outer_Full	23.54	17.44	30	FAIL
N78-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Left	25.44	19.34	30	PASS
N78-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Right	24.94	18.84	30	PASS
N78-3450-3550	30	100	DFT-QPSK	H	Outer_Full	24.23	18.13	30	PASS
N78-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Left	24.46	18.36	30	PASS
N78-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Right	23.93	17.83	30	PASS
N78-3450-3550	30	100	DFT-16QAM	H	Outer_Full	23.24	17.14	30	PASS
N78-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Left	22.33	16.23	30	PASS
N78-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Right	21.92	15.82	30	PASS
N78-3450-3550	30	100	DFT-64QAM	H	Outer_Full	22.67	16.57	30	PASS
N78-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Left	20.7	14.6	30	PASS
N78-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Right	20.34	14.24	30	PASS
N78-3450-3550	30	100	DFT-256QAM	H	Outer_Full	20.73	14.63	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-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.

Effective (Isotropic) Radiated Power Output Data for MIMO

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant1	Power Ant2	Total Power	EIRP	Verdict
N78-3450-3550	30	10	CP-QPSK	L	Inner_1RB_Left	21.13	21.65	24.41	18.31	PASS
N78-3450-3550	30	10	CP-QPSK	L	Inner_1RB_Right	21.02	21.65	24.36	18.26	PASS
N78-3450-3550	30	10	CP-QPSK	L	Outer_Full	19.59	20.11	22.87	16.77	PASS
N78-3450-3550	30	10	CP-16QAM	L	Inner_1RB_Left	20.37	21	23.71	17.61	PASS
N78-3450-3550	30	10	CP-16QAM	L	Inner_1RB_Right	20.38	21.18	23.81	17.71	PASS
N78-3450-3550	30	10	CP-16QAM	L	Outer_Full	19.57	20.14	22.87	16.77	PASS
N78-3450-3550	30	10	CP-64QAM	L	Inner_1RB_Left	19.14	19.22	22.19	16.09	PASS
N78-3450-3550	30	10	CP-64QAM	L	Inner_1RB_Right	18.97	19.21	22.1	16	PASS
N78-3450-3550	30	10	CP-64QAM	L	Outer_Full	19.11	19.59	22.37	16.27	PASS
N78-3450-3550	30	10	CP-256QAM	L	Inner_1RB_Left	16.3	16.59	19.46	13.36	PASS
N78-3450-3550	30	10	CP-256QAM	L	Inner_1RB_Right	16.12	16.54	19.35	13.25	PASS
N78-3450-3550	30	10	CP-256QAM	L	Outer_Full	16.2	16.6	19.41	13.31	PASS
N78-3450-3550	30	10	CP-QPSK	M	Inner_1RB_Left	20.95	21.42	24.2	18.1	PASS
N78-3450-3550	30	10	CP-QPSK	M	Inner_1RB_Right	20.85	21.31	24.1	18	PASS
N78-3450-3550	30	10	CP-QPSK	M	Outer_Full	19.36	19.76	22.57	16.47	PASS
N78-3450-3550	30	10	CP-16QAM	M	Inner_1RB_Left	20.11	21	23.59	17.49	PASS
N78-3450-3550	30	10	CP-16QAM	M	Inner_1RB_Right	20.07	20.79	23.46	17.36	PASS
N78-3450-3550	30	10	CP-16QAM	M	Outer_Full	19.35	19.79	22.59	16.49	PASS
N78-3450-3550	30	10	CP-64QAM	M	Inner_1RB_Left	18.92	18.94	21.94	15.84	PASS
N78-3450-3550	30	10	CP-64QAM	M	Inner_1RB_Right	18.91	18.85	21.89	15.79	PASS
N78-3450-3550	30	10	CP-64QAM	M	Outer_Full	18.87	19.29	22.1	16	PASS
N78-3450-3550	30	10	CP-256QAM	M	Inner_1RB_Left	16.03	16.3	19.18	13.08	PASS
N78-3450-3550	30	10	CP-256QAM	M	Inner_1RB_Right	15.89	16.23	19.07	12.97	PASS
N78-3450-3550	30	10	CP-256QAM	M	Outer_Full	15.97	16.32	19.16	13.06	PASS
N78-3450-3550	30	10	CP-QPSK	H	Inner_1RB_Left	20.63	21.41	24.05	17.95	PASS
N78-3450-3550	30	10	CP-QPSK	H	Inner_1RB_Right	20.65	21.49	24.1	18	PASS
N78-3450-3550	30	10	CP-QPSK	H	Outer_Full	19.16	19.87	22.54	16.44	PASS
N78-3450-3550	30	10	CP-16QAM	H	Inner_1RB_Left	19.84	21.01	23.47	17.37	PASS
N78-3450-3550	30	10	CP-16QAM	H	Inner_1RB_Right	19.92	20.95	23.48	17.38	PASS
N78-3450-3550	30	10	CP-16QAM	H	Outer_Full	19.16	19.9	22.56	16.46	PASS

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

N78-3450-3550	30	10	CP-64QAM	H	Inner_1RB_Left	18.67	19.06	21.88	15.78	PASS
N78-3450-3550	30	10	CP-64QAM	H	Inner_1RB_Right	18.63	19	21.83	15.73	PASS
N78-3450-3550	30	10	CP-64QAM	H	Outer_Full	18.65	19.41	22.06	15.96	PASS
N78-3450-3550	30	10	CP-256QAM	H	Inner_1RB_Left	15.87	16.34	19.12	13.02	PASS
N78-3450-3550	30	10	CP-256QAM	H	Inner_1RB_Right	15.71	16.29	19.02	12.92	PASS
N78-3450-3550	30	10	CP-256QAM	H	Outer_Full	15.73	16.37	19.07	12.97	PASS
N78-3450-3550	30	15	CP-QPSK	L	Inner_1RB_Left	21.31	21.73	24.54	18.44	PASS
N78-3450-3550	30	15	CP-QPSK	L	Inner_1RB_Right	21.13	21.8	24.49	18.39	PASS
N78-3450-3550	30	15	CP-QPSK	L	Outer_Full	19.82	20.28	23.07	16.97	PASS
N78-3450-3550	30	15	CP-16QAM	L	Inner_1RB_Left	20.56	21.15	23.88	17.78	PASS
N78-3450-3550	30	15	CP-16QAM	L	Inner_1RB_Right	20.39	21.25	23.85	17.75	PASS
N78-3450-3550	30	15	CP-16QAM	L	Outer_Full	19.8	20.3	23.07	16.97	PASS
N78-3450-3550	30	15	CP-64QAM	L	Inner_1RB_Left	19.23	19.35	22.3	16.2	PASS
N78-3450-3550	30	15	CP-64QAM	L	Inner_1RB_Right	19.19	19.26	22.24	16.14	PASS
N78-3450-3550	30	15	CP-64QAM	L	Outer_Full	19.25	19.82	22.55	16.45	PASS
N78-3450-3550	30	15	CP-256QAM	L	Inner_1RB_Left	16.35	16.75	19.56	13.46	PASS
N78-3450-3550	30	15	CP-256QAM	L	Inner_1RB_Right	16.2	16.66	19.45	13.35	PASS
N78-3450-3550	30	15	CP-256QAM	L	Outer_Full	16.23	16.78	19.52	13.42	PASS
N78-3450-3550	30	15	CP-QPSK	M	Inner_1RB_Left	20.99	21.4	24.21	18.11	PASS
N78-3450-3550	30	15	CP-QPSK	M	Inner_1RB_Right	20.92	21.34	24.15	18.05	PASS
N78-3450-3550	30	15	CP-QPSK	M	Outer_Full	19.61	19.94	22.79	16.69	PASS
N78-3450-3550	30	15	CP-16QAM	M	Inner_1RB_Left	20.39	20.82	23.62	17.52	PASS
N78-3450-3550	30	15	CP-16QAM	M	Inner_1RB_Right	20.2	20.94	23.6	17.5	PASS
N78-3450-3550	30	15	CP-16QAM	M	Outer_Full	19.63	19.94	22.8	16.7	PASS
N78-3450-3550	30	15	CP-64QAM	M	Inner_1RB_Left	19.14	19.01	22.09	15.99	PASS
N78-3450-3550	30	15	CP-64QAM	M	Inner_1RB_Right	18.92	18.99	21.97	15.87	PASS
N78-3450-3550	30	15	CP-64QAM	M	Outer_Full	19.11	19.47	22.3	16.2	PASS
N78-3450-3550	30	15	CP-256QAM	M	Inner_1RB_Left	16.27	16.38	19.34	13.24	PASS
N78-3450-3550	30	15	CP-256QAM	M	Inner_1RB_Right	16	16.37	19.2	13.1	PASS
N78-3450-3550	30	15	CP-256QAM	M	Outer_Full	16.11	16.45	19.29	13.19	PASS
N78-3450-3550	30	15	CP-QPSK	H	Inner_1RB_Left	20.75	21.35	24.07	17.97	PASS
N78-3450-3550	30	15	CP-QPSK	H	Inner_1RB_Right	20.72	21.48	24.13	18.03	PASS
N78-3450-3550	30	15	CP-QPSK	H	Outer_Full	19.32	20.05	22.71	16.61	PASS
N78-3450-3550	30	15	CP-16QAM	H	Inner_1RB_Left	20.03	21.09	23.6	17.5	PASS
N78-3450-3550	30	15	CP-16QAM	H	Inner_1RB_Right	19.96	20.77	23.39	17.29	PASS
N78-3450-3550	30	15	CP-16QAM	H	Outer_Full	19.35	20.04	22.72	16.62	PASS
N78-3450-3550	30	15	CP-64QAM	H	Inner_1RB_Left	18.88	19.13	22.02	15.92	PASS
N78-3450-3550	30	15	CP-64QAM	H	Inner_1RB_Right	18.71	19.11	21.92	15.82	PASS

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

N78-3450-3550	30	15	CP-64QAM	H	Outer_Full	18.75	19.62	22.22	16.12	PASS
N78-3450-3550	30	15	CP-256QAM	H	Inner_1RB_Left	15.93	16.47	19.22	13.12	PASS
N78-3450-3550	30	15	CP-256QAM	H	Inner_1RB_Right	15.76	16.46	19.13	13.03	PASS
N78-3450-3550	30	15	CP-256QAM	H	Outer_Full	15.74	16.6	19.2	13.1	PASS
N78-3450-3550	30	20	CP-QPSK	L	Inner_1RB_Left	21.36	22.05	24.73	18.63	PASS
N78-3450-3550	30	20	CP-QPSK	L	Inner_1RB_Right	21.07	21.37	24.23	18.13	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	19.77	20.24	23.02	16.92	PASS
N78-3450-3550	30	20	CP-16QAM	L	Inner_1RB_Left	20.42	21.32	23.9	17.8	PASS
N78-3450-3550	30	20	CP-16QAM	L	Inner_1RB_Right	20.37	21.18	23.8	17.7	PASS
N78-3450-3550	30	20	CP-16QAM	L	Outer_Full	19.67	20.19	22.95	16.85	PASS
N78-3450-3550	30	20	CP-64QAM	L	Inner_1RB_Left	19.28	19.42	22.36	16.26	PASS
N78-3450-3550	30	20	CP-64QAM	L	Inner_1RB_Right	19.02	19.18	22.11	16.01	PASS
N78-3450-3550	30	20	CP-64QAM	L	Outer_Full	19.27	19.84	22.57	16.47	PASS
N78-3450-3550	30	20	CP-256QAM	L	Inner_1RB_Left	16.44	16.8	19.63	13.53	PASS
N78-3450-3550	30	20	CP-256QAM	L	Inner_1RB_Right	16.2	16.51	19.37	13.27	PASS
N78-3450-3550	30	20	CP-256QAM	L	Outer_Full	16.18	16.73	19.47	13.37	PASS
N78-3450-3550	30	20	CP-QPSK	M	Inner_1RB_Left	21.15	21.37	24.27	18.17	PASS
N78-3450-3550	30	20	CP-QPSK	M	Inner_1RB_Right	20.97	21.44	24.22	18.12	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	19.57	19.92	22.76	16.66	PASS
N78-3450-3550	30	20	CP-16QAM	M	Inner_1RB_Left	20.37	20.94	23.67	17.57	PASS
N78-3450-3550	30	20	CP-16QAM	M	Inner_1RB_Right	20.32	20.97	23.67	17.57	PASS
N78-3450-3550	30	20	CP-16QAM	M	Outer_Full	19.53	19.91	22.73	16.63	PASS
N78-3450-3550	30	20	CP-64QAM	M	Inner_1RB_Left	19.24	19.04	22.15	16.05	PASS
N78-3450-3550	30	20	CP-64QAM	M	Inner_1RB_Right	18.88	19.07	21.99	15.89	PASS
N78-3450-3550	30	20	CP-64QAM	M	Outer_Full	19.15	19.53	22.35	16.25	PASS
N78-3450-3550	30	20	CP-256QAM	M	Inner_1RB_Left	16.42	16.31	19.38	13.28	PASS
N78-3450-3550	30	20	CP-256QAM	M	Inner_1RB_Right	16.14	16.45	19.31	13.21	PASS
N78-3450-3550	30	20	CP-256QAM	M	Outer_Full	16.1	16.42	19.27	13.17	PASS
N78-3450-3550	30	20	CP-QPSK	H	Inner_1RB_Left	20.8	21.49	24.17	18.07	PASS
N78-3450-3550	30	20	CP-QPSK	H	Inner_1RB_Right	20.8	21.68	24.27	18.17	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	19.29	20.03	22.69	16.59	PASS
N78-3450-3550	30	20	CP-16QAM	H	Inner_1RB_Left	20.1	21.06	23.62	17.52	PASS
N78-3450-3550	30	20	CP-16QAM	H	Inner_1RB_Right	20.09	20.89	23.52	17.42	PASS
N78-3450-3550	30	20	CP-16QAM	H	Outer_Full	19.25	20.06	22.68	16.58	PASS
N78-3450-3550	30	20	CP-64QAM	H	Inner_1RB_Left	18.97	19.24	22.12	16.02	PASS
N78-3450-3550	30	20	CP-64QAM	H	Inner_1RB_Right	18.65	19.12	21.9	15.8	PASS
N78-3450-3550	30	20	CP-64QAM	H	Outer_Full	18.83	19.68	22.29	16.19	PASS
N78-3450-3550	30	20	CP-256QAM	H	Inner_1RB_Left	16.08	16.55	19.33	13.23	PASS

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

N78-3450-3550	30	20	CP-256QAM	H	Inner_1RB_Right	15.87	16.51	19.21	13.11	PASS
N78-3450-3550	30	20	CP-256QAM	H	Outer_Full	15.78	16.55	19.19	13.09	PASS
N78-3450-3550	30	30	CP-QPSK	L	Inner_1RB_Left	21.25	22.11	24.71	18.61	PASS
N78-3450-3550	30	30	CP-QPSK	L	Inner_1RB_Right	20.87	21.44	24.17	18.07	PASS
N78-3450-3550	30	30	CP-QPSK	L	Outer_Full	19.66	20.21	22.95	16.85	PASS
N78-3450-3550	30	30	CP-16QAM	L	Inner_1RB_Left	20.45	21.42	23.97	17.87	PASS
N78-3450-3550	30	30	CP-16QAM	L	Inner_1RB_Right	20.27	20.72	23.51	17.41	PASS
N78-3450-3550	30	30	CP-16QAM	L	Outer_Full	19.63	20.11	22.89	16.79	PASS
N78-3450-3550	30	30	CP-64QAM	L	Inner_1RB_Left	19.33	19.5	22.43	16.33	PASS
N78-3450-3550	30	30	CP-64QAM	L	Inner_1RB_Right	18.95	18.91	21.94	15.84	PASS
N78-3450-3550	30	30	CP-64QAM	L	Outer_Full	19.18	19.66	22.44	16.34	PASS
N78-3450-3550	30	30	CP-256QAM	L	Inner_1RB_Left	16.48	16.86	19.68	13.58	PASS
N78-3450-3550	30	30	CP-256QAM	L	Inner_1RB_Right	16.09	16.35	19.23	13.13	PASS
N78-3450-3550	30	30	CP-256QAM	L	Outer_Full	16.19	16.63	19.43	13.33	PASS
N78-3450-3550	30	30	CP-QPSK	M	Inner_1RB_Left	21.21	21.5	24.37	18.27	PASS
N78-3450-3550	30	30	CP-QPSK	M	Inner_1RB_Right	21.04	21.72	24.4	18.3	PASS
N78-3450-3550	30	30	CP-QPSK	M	Outer_Full	19.57	20.08	22.84	16.74	PASS
N78-3450-3550	30	30	CP-16QAM	M	Inner_1RB_Left	20.44	20.87	23.67	17.57	PASS
N78-3450-3550	30	30	CP-16QAM	M	Inner_1RB_Right	20.14	21.04	23.62	17.52	PASS
N78-3450-3550	30	30	CP-16QAM	M	Outer_Full	19.57	20.1	22.85	16.75	PASS
N78-3450-3550	30	30	CP-64QAM	M	Inner_1RB_Left	19.23	19.04	22.15	16.05	PASS
N78-3450-3550	30	30	CP-64QAM	M	Inner_1RB_Right	18.9	19.3	22.11	16.01	PASS
N78-3450-3550	30	30	CP-64QAM	M	Outer_Full	19.15	19.63	22.41	16.31	PASS
N78-3450-3550	30	30	CP-256QAM	M	Inner_1RB_Left	16.25	16.41	19.34	13.24	PASS
N78-3450-3550	30	30	CP-256QAM	M	Inner_1RB_Right	16.01	16.71	19.38	13.28	PASS
N78-3450-3550	30	30	CP-256QAM	M	Outer_Full	16.14	16.61	19.39	13.29	PASS
N78-3450-3550	30	30	CP-QPSK	H	Inner_1RB_Left	20.99	22.07	24.57	18.47	PASS
N78-3450-3550	30	30	CP-QPSK	H	Inner_1RB_Right	20.75	21.81	24.32	18.22	PASS
N78-3450-3550	30	30	CP-QPSK	H	Outer_Full	19.4	20.19	22.82	16.72	PASS
N78-3450-3550	30	30	CP-16QAM	H	Inner_1RB_Left	20.21	21.44	23.88	17.78	PASS
N78-3450-3550	30	30	CP-16QAM	H	Inner_1RB_Right	20.06	20.92	23.52	17.42	PASS
N78-3450-3550	30	30	CP-16QAM	H	Outer_Full	19.41	20.19	22.83	16.73	PASS
N78-3450-3550	30	30	CP-64QAM	H	Inner_1RB_Left	18.96	19.49	22.24	16.14	PASS
N78-3450-3550	30	30	CP-64QAM	H	Inner_1RB_Right	18.57	19.16	21.89	15.79	PASS
N78-3450-3550	30	30	CP-64QAM	H	Outer_Full	19.65	19.71	22.54	16.44	PASS
N78-3450-3550	30	30	CP-256QAM	H	Inner_1RB_Left	16.14	16.82	19.5	13.4	PASS
N78-3450-3550	30	30	CP-256QAM	H	Inner_1RB_Right	15.75	16.61	19.21	13.11	PASS
N78-3450-3550	30	30	CP-256QAM	H	Outer_Full	15.95	16.72	19.36	13.26	PASS

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

No.1 Building, No.1 Runsheng 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·中新（江苏）自由贸易试验区苏州工业园区润慧路1号B6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

N78-3450-3550	30	40	CP-QPSK	L	Inner_1RB_Left	21.41	21.75	24.59	18.49	PASS
N78-3450-3550	30	40	CP-QPSK	L	Inner_1RB_Right	21.21	21.75	24.5	18.4	PASS
N78-3450-3550	30	40	CP-QPSK	L	Outer_Full	19.68	20.1	22.91	16.81	PASS
N78-3450-3550	30	40	CP-16QAM	L	Inner_1RB_Left	20.81	21.27	24.06	17.96	PASS
N78-3450-3550	30	40	CP-16QAM	L	Inner_1RB_Right	20.45	21.04	23.77	17.67	PASS
N78-3450-3550	30	40	CP-16QAM	L	Outer_Full	19.73	20.12	22.94	16.84	PASS
N78-3450-3550	30	40	CP-64QAM	L	Inner_1RB_Left	19.39	19.5	22.46	16.36	PASS
N78-3450-3550	30	40	CP-64QAM	L	Inner_1RB_Right	19.11	19.08	22.11	16.01	PASS
N78-3450-3550	30	40	CP-64QAM	L	Outer_Full	19.2	19.69	22.46	16.36	PASS
N78-3450-3550	30	40	CP-256QAM	L	Inner_1RB_Left	16.48	16.87	19.69	13.59	PASS
N78-3450-3550	30	40	CP-256QAM	L	Inner_1RB_Right	16.27	16.55	19.42	13.32	PASS
N78-3450-3550	30	40	CP-256QAM	L	Outer_Full	16.21	16.68	19.46	13.36	PASS
N78-3450-3550	30	40	CP-QPSK	M	Inner_1RB_Left	21.11	21.52	24.33	18.23	PASS
N78-3450-3550	30	40	CP-QPSK	M	Inner_1RB_Right	20.95	21.84	24.43	18.33	PASS
N78-3450-3550	30	40	CP-QPSK	M	Outer_Full	19.56	20.15	22.88	16.78	PASS
N78-3450-3550	30	40	CP-16QAM	M	Inner_1RB_Left	20.38	21.03	23.73	17.63	PASS
N78-3450-3550	30	40	CP-16QAM	M	Inner_1RB_Right	20.4	21.23	23.85	17.75	PASS
N78-3450-3550	30	40	CP-16QAM	M	Outer_Full	19.65	20.14	22.91	16.81	PASS
N78-3450-3550	30	40	CP-64QAM	M	Inner_1RB_Left	19.15	19.01	22.09	15.99	PASS
N78-3450-3550	30	40	CP-64QAM	M	Inner_1RB_Right	18.94	19.49	22.23	16.13	PASS
N78-3450-3550	30	40	CP-64QAM	M	Outer_Full	19.19	19.6	22.41	16.31	PASS
N78-3450-3550	30	40	CP-256QAM	M	Inner_1RB_Left	16.37	16.45	19.42	13.32	PASS
N78-3450-3550	30	40	CP-256QAM	M	Inner_1RB_Right	16.1	16.93	19.55	13.45	PASS
N78-3450-3550	30	40	CP-256QAM	M	Outer_Full	16.17	16.68	19.44	13.34	PASS
N78-3450-3550	30	40	CP-QPSK	H	Inner_1RB_Left	20.97	21.86	24.45	18.35	PASS
N78-3450-3550	30	40	CP-QPSK	H	Inner_1RB_Right	20.78	21.73	24.29	18.19	PASS
N78-3450-3550	30	40	CP-QPSK	H	Outer_Full	19.43	20.34	22.92	16.82	PASS
N78-3450-3550	30	40	CP-16QAM	H	Inner_1RB_Left	20.33	21.12	23.75	17.65	PASS
N78-3450-3550	30	40	CP-16QAM	H	Inner_1RB_Right	20.19	21.04	23.65	17.55	PASS
N78-3450-3550	30	40	CP-16QAM	H	Outer_Full	19.47	20.23	22.88	16.78	PASS
N78-3450-3550	30	40	CP-64QAM	H	Inner_1RB_Left	18.98	19.33	22.17	16.07	PASS
N78-3450-3550	30	40	CP-64QAM	H	Inner_1RB_Right	18.76	19.27	22.03	15.93	PASS
N78-3450-3550	30	40	CP-64QAM	H	Outer_Full	18.98	19.78	22.41	16.31	PASS
N78-3450-3550	30	40	CP-256QAM	H	Inner_1RB_Left	16.1	16.69	19.42	13.32	PASS
N78-3450-3550	30	40	CP-256QAM	H	Inner_1RB_Right	15.94	16.64	19.31	13.21	PASS
N78-3450-3550	30	40	CP-256QAM	H	Outer_Full	16.02	16.73	19.4	13.3	PASS
N78-3450-3550	30	50	CP-QPSK	L	Inner_1RB_Left	21.11	21.58	24.36	18.26	PASS
N78-3450-3550	30	50	CP-QPSK	L	Inner_1RB_Right	20.97	21.17	24.08	17.98	PASS

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

N78-3450-3550	30	50	CP-QPSK	L	Outer_Full	19.57	19.92	22.76	16.66	PASS
N78-3450-3550	30	50	CP-16QAM	L	Inner_1RB_Left	20.41	21.04	23.75	17.65	PASS
N78-3450-3550	30	50	CP-16QAM	L	Inner_1RB_Right	20.22	20.55	23.4	17.3	PASS
N78-3450-3550	30	50	CP-16QAM	L	Outer_Full	19.65	19.94	22.81	16.71	PASS
N78-3450-3550	30	50	CP-64QAM	L	Inner_1RB_Left	19.09	19.28	22.2	16.1	PASS
N78-3450-3550	30	50	CP-64QAM	L	Inner_1RB_Right	18.82	18.82	21.83	15.73	PASS
N78-3450-3550	30	50	CP-64QAM	L	Outer_Full	19.14	19.44	22.3	16.2	PASS
N78-3450-3550	30	50	CP-256QAM	L	Inner_1RB_Left	16.23	16.55	19.4	13.3	PASS
N78-3450-3550	30	50	CP-256QAM	L	Inner_1RB_Right	16	16.18	19.1	13	PASS
N78-3450-3550	30	50	CP-256QAM	L	Outer_Full	16.01	16.45	19.25	13.15	PASS
N78-3450-3550	30	50	CP-QPSK	M	Inner_1RB_Left	20.8	21.31	24.07	17.97	PASS
N78-3450-3550	30	50	CP-QPSK	M	Inner_1RB_Right	20.79	21.65	24.25	18.15	PASS
N78-3450-3550	30	50	CP-QPSK	M	Outer_Full	19.49	19.84	22.68	16.58	PASS
N78-3450-3550	30	50	CP-16QAM	M	Inner_1RB_Left	19.98	20.67	23.35	17.25	PASS
N78-3450-3550	30	50	CP-16QAM	M	Inner_1RB_Right	20	20.99	23.53	17.43	PASS
N78-3450-3550	30	50	CP-16QAM	M	Outer_Full	19.54	19.87	22.72	16.62	PASS
N78-3450-3550	30	50	CP-64QAM	M	Inner_1RB_Left	18.91	18.78	21.86	15.76	PASS
N78-3450-3550	30	50	CP-64QAM	M	Inner_1RB_Right	18.82	19.22	22.03	15.93	PASS
N78-3450-3550	30	50	CP-64QAM	M	Outer_Full	18.91	19.33	22.14	16.04	PASS
N78-3450-3550	30	50	CP-256QAM	M	Inner_1RB_Left	15.96	16	18.99	12.89	PASS
N78-3450-3550	30	50	CP-256QAM	M	Inner_1RB_Right	15.84	16.47	19.18	13.08	PASS
N78-3450-3550	30	50	CP-256QAM	M	Outer_Full	15.86	16.25	19.07	12.97	PASS
N78-3450-3550	30	50	CP-QPSK	H	Inner_1RB_Left	20.73	21.23	24	17.9	PASS
N78-3450-3550	30	50	CP-QPSK	H	Inner_1RB_Right	20.44	21.31	23.91	17.81	PASS
N78-3450-3550	30	50	CP-QPSK	H	Outer_Full	19.16	19.82	22.51	16.41	PASS
N78-3450-3550	30	50	CP-16QAM	H	Inner_1RB_Left	20.19	20.74	23.48	17.38	PASS
N78-3450-3550	30	50	CP-16QAM	H	Inner_1RB_Right	19.69	20.72	23.25	17.15	PASS
N78-3450-3550	30	50	CP-16QAM	H	Outer_Full	19.22	19.89	22.58	16.48	PASS
N78-3450-3550	30	50	CP-64QAM	H	Inner_1RB_Left	18.79	18.69	21.75	15.65	PASS
N78-3450-3550	30	50	CP-64QAM	H	Inner_1RB_Right	18.33	18.99	21.68	15.58	PASS
N78-3450-3550	30	50	CP-64QAM	H	Outer_Full	18.74	19.42	22.1	16	PASS
N78-3450-3550	30	50	CP-256QAM	H	Inner_1RB_Left	15.82	16.07	18.96	12.86	PASS
N78-3450-3550	30	50	CP-256QAM	H	Inner_1RB_Right	15.53	16.2	18.89	12.79	PASS
N78-3450-3550	30	50	CP-256QAM	H	Outer_Full	15.58	16.33	18.98	12.88	PASS
N78-3450-3550	30	60	CP-QPSK	L	Inner_1RB_Left	21.33	21.65	24.5	18.4	PASS
N78-3450-3550	30	60	CP-QPSK	L	Inner_1RB_Right	20.68	21.36	24.04	17.94	PASS
N78-3450-3550	30	60	CP-QPSK	L	Outer_Full	19.66	19.86	22.77	16.67	PASS
N78-3450-3550	30	60	CP-16QAM	L	Inner_1RB_Left	20.43	21.27	23.88	17.78	PASS

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

N78-3450-3550	30	60	CP-16QAM	L	Inner_1RB_Right	19.98	20.89	23.47	17.37	PASS
N78-3450-3550	30	60	CP-16QAM	L	Outer_Full	19.63	19.86	22.76	16.66	PASS
N78-3450-3550	30	60	CP-64QAM	L	Inner_1RB_Left	19.28	19.35	22.33	16.23	PASS
N78-3450-3550	30	60	CP-64QAM	L	Inner_1RB_Right	18.79	18.78	21.8	15.7	PASS
N78-3450-3550	30	60	CP-64QAM	L	Outer_Full	19.16	19.43	22.31	16.21	PASS
N78-3450-3550	30	60	CP-256QAM	L	Inner_1RB_Left	16.42	16.71	19.58	13.48	PASS
N78-3450-3550	30	60	CP-256QAM	L	Inner_1RB_Right	15.9	16.2	19.06	12.96	PASS
N78-3450-3550	30	60	CP-256QAM	L	Outer_Full	16.17	16.45	19.32	13.22	PASS
N78-3450-3550	30	60	CP-QPSK	M	Inner_1RB_Left	20.96	21.41	24.2	18.1	PASS
N78-3450-3550	30	60	CP-QPSK	M	Inner_1RB_Right	20.78	21.53	24.18	18.08	PASS
N78-3450-3550	30	60	CP-QPSK	M	Outer_Full	19.4	19.86	22.65	16.55	PASS
N78-3450-3550	30	60	CP-16QAM	M	Inner_1RB_Left	20.41	21.01	23.73	17.63	PASS
N78-3450-3550	30	60	CP-16QAM	M	Inner_1RB_Right	20.18	20.97	23.6	17.5	PASS
N78-3450-3550	30	60	CP-16QAM	M	Outer_Full	19.43	19.84	22.65	16.55	PASS
N78-3450-3550	30	60	CP-64QAM	M	Inner_1RB_Left	18.91	19.01	21.97	15.87	PASS
N78-3450-3550	30	60	CP-64QAM	M	Inner_1RB_Right	18.81	19.13	21.98	15.88	PASS
N78-3450-3550	30	60	CP-64QAM	M	Outer_Full	19	19.41	22.22	16.12	PASS
N78-3450-3550	30	60	CP-256QAM	M	Inner_1RB_Left	16.14	16.26	19.21	13.11	PASS
N78-3450-3550	30	60	CP-256QAM	M	Inner_1RB_Right	15.72	16.33	19.05	12.95	PASS
N78-3450-3550	30	60	CP-256QAM	M	Outer_Full	15.97	16.33	19.16	13.06	PASS
N78-3450-3550	30	60	CP-QPSK	H	Inner_1RB_Left	21.14	21.14	24.15	18.05	PASS
N78-3450-3550	30	60	CP-QPSK	H	Inner_1RB_Right	20.58	21.2	23.91	17.81	PASS
N78-3450-3550	30	60	CP-QPSK	H	Outer_Full	19.3	19.86	22.6	16.5	PASS
N78-3450-3550	30	60	CP-16QAM	H	Inner_1RB_Left	20.55	20.62	23.6	17.5	PASS
N78-3450-3550	30	60	CP-16QAM	H	Inner_1RB_Right	19.58	20.86	23.28	17.18	PASS
N78-3450-3550	30	60	CP-16QAM	H	Outer_Full	19.38	19.89	22.65	16.55	PASS
N78-3450-3550	30	60	CP-64QAM	H	Inner_1RB_Left	19.03	18.84	21.95	15.85	PASS
N78-3450-3550	30	60	CP-64QAM	H	Inner_1RB_Right	18.49	18.86	21.69	15.59	PASS
N78-3450-3550	30	60	CP-64QAM	H	Outer_Full	18.96	19.43	22.21	16.11	PASS
N78-3450-3550	30	60	CP-256QAM	H	Inner_1RB_Left	16.14	16.08	19.12	13.02	PASS
N78-3450-3550	30	60	CP-256QAM	H	Inner_1RB_Right	15.59	16.16	18.89	12.79	PASS
N78-3450-3550	30	60	CP-256QAM	H	Outer_Full	15.86	16.33	19.11	13.01	PASS
N78-3450-3550	30	70	CP-QPSK	L	Inner_1RB_Left	21.18	21.77	24.5	18.4	PASS
N78-3450-3550	30	70	CP-QPSK	L	Inner_1RB_Right	20.67	21.44	24.08	17.98	PASS
N78-3450-3550	30	70	CP-QPSK	L	Outer_Full	19.44	19.77	22.62	16.52	PASS
N78-3450-3550	30	70	CP-16QAM	L	Inner_1RB_Left	20.41	21.03	23.74	17.64	PASS
N78-3450-3550	30	70	CP-16QAM	L	Inner_1RB_Right	19.84	20.7	23.3	17.2	PASS
N78-3450-3550	30	70	CP-16QAM	L	Outer_Full	19.46	19.8	22.64	16.54	PASS

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

N78-3450-3550	30	70	CP-64QAM	L	Inner_1RB_Left	19.21	19.2	22.22	16.12	PASS
N78-3450-3550	30	70	CP-64QAM	L	Inner_1RB_Right	18.57	19.09	21.85	15.75	PASS
N78-3450-3550	30	70	CP-64QAM	L	Outer_Full	18.96	19.35	22.17	16.07	PASS
N78-3450-3550	30	70	CP-256QAM	L	Inner_1RB_Left	16.27	16.48	19.39	13.29	PASS
N78-3450-3550	30	70	CP-256QAM	L	Inner_1RB_Right	15.8	16.51	19.18	13.08	PASS
N78-3450-3550	30	70	CP-256QAM	L	Outer_Full	15.95	16.38	19.18	13.08	PASS
N78-3450-3550	30	70	CP-QPSK	M	Inner_1RB_Left	20.94	21.55	24.27	18.17	PASS
N78-3450-3550	30	70	CP-QPSK	M	Inner_1RB_Right	20.61	21.29	23.97	17.87	PASS
N78-3450-3550	30	70	CP-QPSK	M	Outer_Full	19.26	19.85	22.58	16.48	PASS
N78-3450-3550	30	70	CP-16QAM	M	Inner_1RB_Left	20.41	20.76	23.6	17.5	PASS
N78-3450-3550	30	70	CP-16QAM	M	Inner_1RB_Right	19.88	20.71	23.33	17.23	PASS
N78-3450-3550	30	70	CP-16QAM	M	Outer_Full	19.27	19.84	22.57	16.47	PASS
N78-3450-3550	30	70	CP-64QAM	M	Inner_1RB_Left	19.02	19.08	22.06	15.96	PASS
N78-3450-3550	30	70	CP-64QAM	M	Inner_1RB_Right	18.5	18.98	21.76	15.66	PASS
N78-3450-3550	30	70	CP-64QAM	M	Outer_Full	18.82	19.39	22.12	16.02	PASS
N78-3450-3550	30	70	CP-256QAM	M	Inner_1RB_Left	16.11	16.38	19.26	13.16	PASS
N78-3450-3550	30	70	CP-256QAM	M	Inner_1RB_Right	15.7	16.33	19.04	12.94	PASS
N78-3450-3550	30	70	CP-256QAM	M	Outer_Full	15.79	16.36	19.09	12.99	PASS
N78-3450-3550	30	70	CP-QPSK	H	Inner_1RB_Left	20.95	21.08	24.03	17.93	PASS
N78-3450-3550	30	70	CP-QPSK	H	Inner_1RB_Right	20.47	21.3	23.92	17.82	PASS
N78-3450-3550	30	70	CP-QPSK	H	Outer_Full	19.28	19.89	22.61	16.51	PASS
N78-3450-3550	30	70	CP-16QAM	H	Inner_1RB_Left	20.13	20.82	23.5	17.4	PASS
N78-3450-3550	30	70	CP-16QAM	H	Inner_1RB_Right	19.95	20.75	23.38	17.28	PASS
N78-3450-3550	30	70	CP-16QAM	H	Outer_Full	19.34	19.79	22.58	16.48	PASS
N78-3450-3550	30	70	CP-64QAM	H	Inner_1RB_Left	18.89	18.64	21.78	15.68	PASS
N78-3450-3550	30	70	CP-64QAM	H	Inner_1RB_Right	18.4	18.88	21.66	15.56	PASS
N78-3450-3550	30	70	CP-64QAM	H	Outer_Full	18.77	19.33	22.07	15.97	PASS
N78-3450-3550	30	70	CP-256QAM	H	Inner_1RB_Left	15.99	15.95	18.98	12.88	PASS
N78-3450-3550	30	70	CP-256QAM	H	Inner_1RB_Right	15.61	16.11	18.88	12.78	PASS
N78-3450-3550	30	70	CP-256QAM	H	Outer_Full	15.79	16.31	19.07	12.97	PASS
N78-3450-3550	30	80	CP-QPSK	L	Inner_1RB_Left	21.25	21.74	24.51	18.41	PASS
N78-3450-3550	30	80	CP-QPSK	L	Inner_1RB_Right	20.69	21.39	24.06	17.96	PASS
N78-3450-3550	30	80	CP-QPSK	L	Outer_Full	19.48	19.88	22.69	16.59	PASS
N78-3450-3550	30	80	CP-16QAM	L	Inner_1RB_Left	20.47	20.98	23.74	17.64	PASS
N78-3450-3550	30	80	CP-16QAM	L	Inner_1RB_Right	20.05	20.73	23.41	17.31	PASS
N78-3450-3550	30	80	CP-16QAM	L	Outer_Full	19.51	19.81	22.67	16.57	PASS
N78-3450-3550	30	80	CP-64QAM	L	Inner_1RB_Left	19.19	19.07	22.14	16.04	PASS
N78-3450-3550	30	80	CP-64QAM	L	Inner_1RB_Right	18.68	19.04	21.87	15.77	PASS

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

South of No. 6 Road, No.1, Runsheng 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工业园区润慧路1号sgs大厂房南楼 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

N78-3450-3550	30	80	CP-64QAM	L	Outer_Full	19	19.33	22.18	16.08	PASS
N78-3450-3550	30	80	CP-256QAM	L	Inner_1RB_Left	16.22	16.42	19.33	13.23	PASS
N78-3450-3550	30	80	CP-256QAM	L	Inner_1RB_Right	15.89	16.35	19.14	13.04	PASS
N78-3450-3550	30	80	CP-256QAM	L	Outer_Full	15.98	16.34	19.17	13.07	PASS
N78-3450-3550	30	80	CP-QPSK	M	Inner_1RB_Left	20.97	21.6	24.31	18.21	PASS
N78-3450-3550	30	80	CP-QPSK	M	Inner_1RB_Right	20.48	21.35	23.95	17.85	PASS
N78-3450-3550	30	80	CP-QPSK	M	Outer_Full	19.3	19.88	22.61	16.51	PASS
N78-3450-3550	30	80	CP-16QAM	M	Inner_1RB_Left	20.33	21.03	23.7	17.6	PASS
N78-3450-3550	30	80	CP-16QAM	M	Inner_1RB_Right	19.88	20.74	23.34	17.24	PASS
N78-3450-3550	30	80	CP-16QAM	M	Outer_Full	19.34	19.88	22.63	16.53	PASS
N78-3450-3550	30	80	CP-64QAM	M	Inner_1RB_Left	18.99	19.12	22.07	15.97	PASS
N78-3450-3550	30	80	CP-64QAM	M	Inner_1RB_Right	18.51	19.02	21.78	15.68	PASS
N78-3450-3550	30	80	CP-64QAM	M	Outer_Full	18.89	19.46	22.19	16.09	PASS
N78-3450-3550	30	80	CP-256QAM	M	Inner_1RB_Left	16.19	16.43	19.32	13.22	PASS
N78-3450-3550	30	80	CP-256QAM	M	Inner_1RB_Right	15.69	16.36	19.05	12.95	PASS
N78-3450-3550	30	80	CP-256QAM	M	Outer_Full	15.91	16.37	19.16	13.06	PASS
N78-3450-3550	30	80	CP-QPSK	H	Inner_1RB_Left	20.97	21.13	24.06	17.96	PASS
N78-3450-3550	30	80	CP-QPSK	H	Inner_1RB_Right	20.4	21.59	24.05	17.95	PASS
N78-3450-3550	30	80	CP-QPSK	H	Outer_Full	19.31	19.87	22.61	16.51	PASS
N78-3450-3550	30	80	CP-16QAM	H	Inner_1RB_Left	20.2	20.62	23.43	17.33	PASS
N78-3450-3550	30	80	CP-16QAM	H	Inner_1RB_Right	19.86	20.64	23.28	17.18	PASS
N78-3450-3550	30	80	CP-16QAM	H	Outer_Full	19.33	19.8	22.58	16.48	PASS
N78-3450-3550	30	80	CP-64QAM	H	Inner_1RB_Left	18.78	18.8	21.8	15.7	PASS
N78-3450-3550	30	80	CP-64QAM	H	Inner_1RB_Right	18.43	18.93	21.7	15.6	PASS
N78-3450-3550	30	80	CP-64QAM	H	Outer_Full	18.84	19.45	22.17	16.07	PASS
N78-3450-3550	30	80	CP-256QAM	H	Inner_1RB_Left	16.04	16.23	19.15	13.05	PASS
N78-3450-3550	30	80	CP-256QAM	H	Inner_1RB_Right	15.65	16.31	19	12.9	PASS
N78-3450-3550	30	80	CP-256QAM	H	Outer_Full	15.88	16.39	19.15	13.05	PASS
N78-3450-3550	30	90	CP-QPSK	L	Inner_1RB_Left	21.12	21.68	24.42	18.32	PASS
N78-3450-3550	30	90	CP-QPSK	L	Inner_1RB_Right	20.51	21.23	23.9	17.8	PASS
N78-3450-3550	30	90	CP-QPSK	L	Outer_Full	19.47	19.88	22.69	16.59	PASS
N78-3450-3550	30	90	CP-16QAM	L	Inner_1RB_Left	20.33	21.01	23.69	17.59	PASS
N78-3450-3550	30	90	CP-16QAM	L	Inner_1RB_Right	19.99	20.77	23.41	17.31	PASS
N78-3450-3550	30	90	CP-16QAM	L	Outer_Full	19.54	19.78	22.67	16.57	PASS
N78-3450-3550	30	90	CP-64QAM	L	Inner_1RB_Left	19.16	19.16	22.17	16.07	PASS
N78-3450-3550	30	90	CP-64QAM	L	Inner_1RB_Right	18.62	19.04	21.85	15.75	PASS
N78-3450-3550	30	90	CP-64QAM	L	Outer_Full	19.01	19.35	22.19	16.09	PASS
N78-3450-3550	30	90	CP-256QAM	L	Inner_1RB_Left	16.29	16.44	19.38	13.28	PASS

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

N78-3450-3550	30	90	CP-256QAM	L	Inner_1RB_Right	15.71	16.42	19.09	12.99	PASS
N78-3450-3550	30	90	CP-256QAM	L	Outer_Full	16.04	16.3	19.18	13.08	PASS
N78-3450-3550	30	90	CP-QPSK	M	Inner_1RB_Left	20.94	21.66	24.33	18.23	PASS
N78-3450-3550	30	90	CP-QPSK	M	Inner_1RB_Right	20.48	21.41	23.98	17.88	PASS
N78-3450-3550	30	90	CP-QPSK	M	Outer_Full	19.35	19.91	22.65	16.55	PASS
N78-3450-3550	30	90	CP-16QAM	M	Inner_1RB_Left	20.32	20.92	23.64	17.54	PASS
N78-3450-3550	30	90	CP-16QAM	M	Inner_1RB_Right	19.77	21.09	23.49	17.39	PASS
N78-3450-3550	30	90	CP-16QAM	M	Outer_Full	19.37	19.92	22.66	16.56	PASS
N78-3450-3550	30	90	CP-64QAM	M	Inner_1RB_Left	19.08	19.15	22.13	16.03	PASS
N78-3450-3550	30	90	CP-64QAM	M	Inner_1RB_Right	18.37	19.08	21.75	15.65	PASS
N78-3450-3550	30	90	CP-64QAM	M	Outer_Full	18.91	19.49	22.22	16.12	PASS
N78-3450-3550	30	90	CP-256QAM	M	Inner_1RB_Left	16.25	16.5	19.39	13.29	PASS
N78-3450-3550	30	90	CP-256QAM	M	Inner_1RB_Right	15.6	16.49	19.08	12.98	PASS
N78-3450-3550	30	90	CP-256QAM	M	Outer_Full	15.9	16.43	19.18	13.08	PASS
N78-3450-3550	30	90	CP-QPSK	H	Inner_1RB_Left	20.96	21.43	24.21	18.11	PASS
N78-3450-3550	30	90	CP-QPSK	H	Inner_1RB_Right	20.54	21.29	23.94	17.84	PASS
N78-3450-3550	30	90	CP-QPSK	H	Outer_Full	19.33	19.88	22.62	16.52	PASS
N78-3450-3550	30	90	CP-16QAM	H	Inner_1RB_Left	20.2	20.98	23.62	17.52	PASS
N78-3450-3550	30	90	CP-16QAM	H	Inner_1RB_Right	19.72	20.68	23.24	17.14	PASS
N78-3450-3550	30	90	CP-16QAM	H	Outer_Full	19.39	19.93	22.68	16.58	PASS
N78-3450-3550	30	90	CP-64QAM	H	Inner_1RB_Left	19.17	19.08	22.14	16.04	PASS
N78-3450-3550	30	90	CP-64QAM	H	Inner_1RB_Right	18.41	18.95	21.7	15.6	PASS
N78-3450-3550	30	90	CP-64QAM	H	Outer_Full	18.87	19.45	22.18	16.08	PASS
N78-3450-3550	30	90	CP-256QAM	H	Inner_1RB_Left	16.18	16.43	19.32	13.22	PASS
N78-3450-3550	30	90	CP-256QAM	H	Inner_1RB_Right	15.6	16.4	19.03	12.93	PASS
N78-3450-3550	30	90	CP-256QAM	H	Outer_Full	15.88	16.47	19.2	13.1	PASS
N78-3450-3550	30	100	CP-QPSK	L	Inner_1RB_Left	21.05	21.49	24.29	18.19	PASS
N78-3450-3550	30	100	CP-QPSK	L	Inner_1RB_Right	20.39	21.64	24.07	17.97	PASS
N78-3450-3550	30	100	CP-QPSK	L	Outer_Full	19.34	19.96	22.67	16.57	PASS
N78-3450-3550	30	100	CP-16QAM	L	Inner_1RB_Left	20.17	21.04	23.64	17.54	PASS
N78-3450-3550	30	100	CP-16QAM	L	Inner_1RB_Right	19.84	20.94	23.44	17.34	PASS
N78-3450-3550	30	100	CP-16QAM	L	Outer_Full	19.39	19.95	22.69	16.59	PASS
N78-3450-3550	30	100	CP-64QAM	L	Inner_1RB_Left	19.12	19.21	22.18	16.08	PASS
N78-3450-3550	30	100	CP-64QAM	L	Inner_1RB_Right	18.41	18.96	21.7	15.6	PASS
N78-3450-3550	30	100	CP-64QAM	L	Outer_Full	18.91	19.49	22.22	16.12	PASS
N78-3450-3550	30	100	CP-256QAM	L	Inner_1RB_Left	16.27	16.5	19.4	13.3	PASS
N78-3450-3550	30	100	CP-256QAM	L	Inner_1RB_Right	15.6	16.41	19.03	12.93	PASS
N78-3450-3550	30	100	CP-256QAM	L	Outer_Full	15.89	16.48	19.21	13.11	PASS

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

N78-3450-3550	30	100	CP-QPSK	M	Inner_1RB_Left	21	21.75	24.4	18.3	PASS
N78-3450-3550	30	100	CP-QPSK	M	Inner_1RB_Right	20.52	21.64	24.13	18.03	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	19.43	20	22.73	16.63	PASS
N78-3450-3550	30	100	CP-16QAM	M	Inner_1RB_Left	20.26	21.12	23.72	17.62	PASS
N78-3450-3550	30	100	CP-16QAM	M	Inner_1RB_Right	19.74	20.97	23.41	17.31	PASS
N78-3450-3550	30	100	CP-16QAM	M	Outer_Full	19.47	19.92	22.71	16.61	PASS
N78-3450-3550	30	100	CP-64QAM	M	Inner_1RB_Left	19.14	19.13	22.15	16.05	PASS
N78-3450-3550	30	100	CP-64QAM	M	Inner_1RB_Right	18.44	19.04	21.76	15.66	PASS
N78-3450-3550	30	100	CP-64QAM	M	Outer_Full	18.95	19.41	22.2	16.1	PASS
N78-3450-3550	30	100	CP-256QAM	M	Inner_1RB_Left	16.28	16.54	19.42	13.32	PASS
N78-3450-3550	30	100	CP-256QAM	M	Inner_1RB_Right	15.61	16.42	19.04	12.94	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	15.95	16.4	19.19	13.09	PASS
N78-3450-3550	30	100	CP-QPSK	H	Inner_1RB_Left	21.22	21.66	24.46	18.36	PASS
N78-3450-3550	30	100	CP-QPSK	H	Inner_1RB_Right	20.64	21.47	24.09	17.99	PASS
N78-3450-3550	30	100	CP-QPSK	H	Outer_Full	19.44	19.91	22.69	16.59	PASS
N78-3450-3550	30	100	CP-16QAM	H	Inner_1RB_Left	20.23	21.17	23.74	17.64	PASS
N78-3450-3550	30	100	CP-16QAM	H	Inner_1RB_Right	19.95	20.82	23.42	17.32	PASS
N78-3450-3550	30	100	CP-16QAM	H	Outer_Full	19.51	19.91	22.72	16.62	PASS
N78-3450-3550	30	100	CP-64QAM	H	Inner_1RB_Left	19.02	19.21	22.13	16.03	PASS
N78-3450-3550	30	100	CP-64QAM	H	Inner_1RB_Right	18.54	19.17	21.88	15.78	PASS
N78-3450-3550	30	100	CP-64QAM	H	Outer_Full	19.01	19.45	22.25	16.15	PASS
N78-3450-3550	30	100	CP-256QAM	H	Inner_1RB_Left	16.19	16.6	19.41	13.31	PASS
N78-3450-3550	30	100	CP-256QAM	H	Inner_1RB_Right	15.64	16.41	19.05	12.95	PASS
N78-3450-3550	30	100	CP-256QAM	H	Outer_Full	15.95	16.42	19.2	13.1	PASS

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

Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N78-3450-3550	30	100	DFT-256QAM	L	Outer_Full	9.76	≤13	PASS
N78-3450-3550	30	100	CP-256QAM	L	Outer_Full	10.16	≤13	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	9.25	≤13	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	10.08	≤13	PASS
N78-3450-3550	30	100	DFT-256QAM	H	Outer_Full	9.64	≤13	PASS
N78-3450-3550	30	100	CP-256QAM	H	Outer_Full	9.88	≤13	PASS

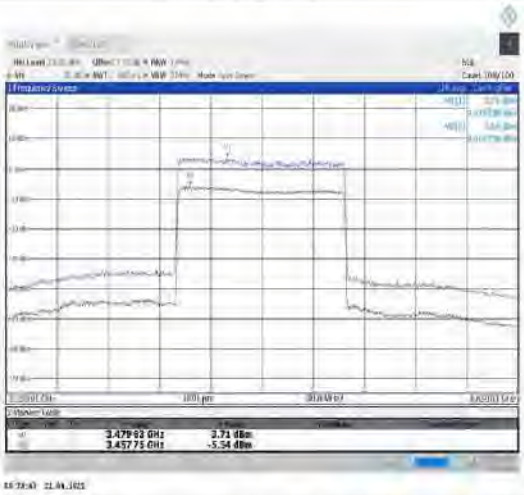
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

No.1 Building, No.1 Yunhe 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堤路1号B5号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

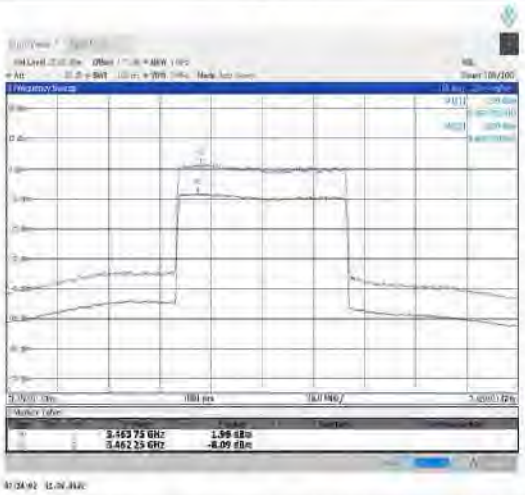
Test Graphs

1-N78-3450-3550--30-100-L-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.76-100%-0.00-9.76-PASS-≤13

1-N78-3450-3550--30-100-L-2-CP-256QAM-Outer_Full-273@0-Ant1-10.16-100%-0.00-10.16-PASS-≤13



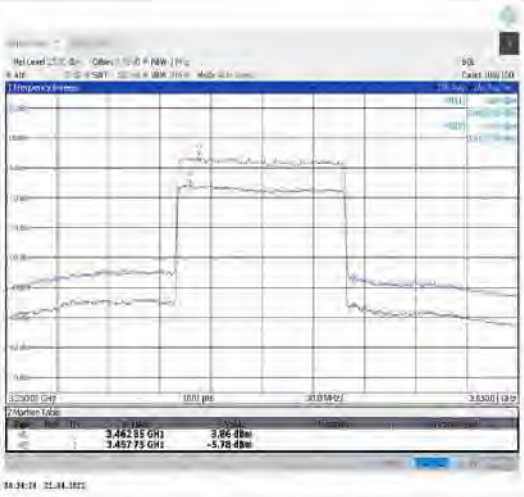
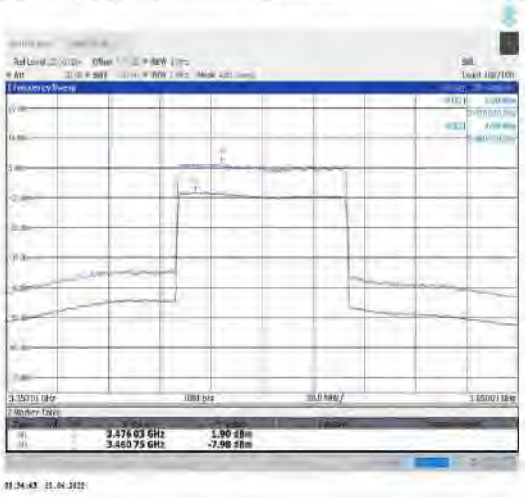
1-N78-3450-3550--30-100-M-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.25-100%-0.00-9.25-PASS-≤13



1-N78-3450-3550--30-100-M-2-CP-256QAM-Outer_Full-273@0-Ant1-10.08-100%-0.00-10.08-PASS-≤13

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

Building No. 8 Plant, No.1, Runsheng 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堤路1号8幢1号厂房南侧 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

	
1-N78-3450-3550--30-100-H-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.64-100%-0.00-9.64-PASS-≤13	1-N78-3450-3550--30-100-H-2-CP-256QAM-Outer_Full-273@0-Ant1-9.88-100%-0.00-9.88-PASS-≤13

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

Modulation characteristics for SA

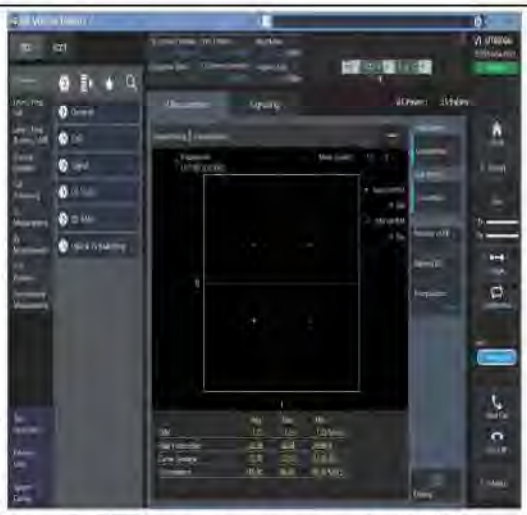
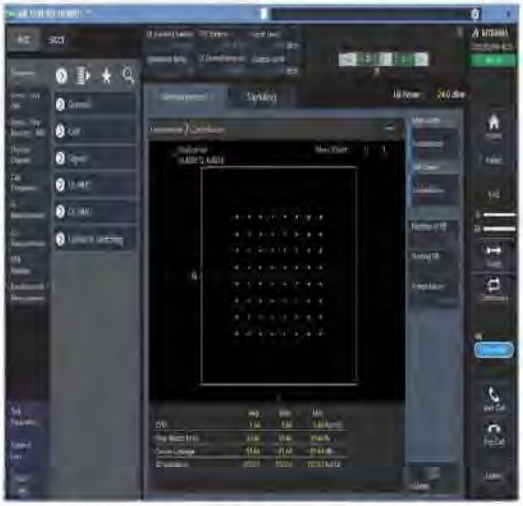
Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	see graph	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Outer_Full	see graph	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Outer_Full	see graph	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	see graph	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	see graph	PASS
N78-3450-3550	30	100	CP-16QAM	M	Outer_Full	see graph	PASS
N78-3450-3550	30	100	CP-64QAM	M	Outer_Full	see graph	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	see graph	PASS

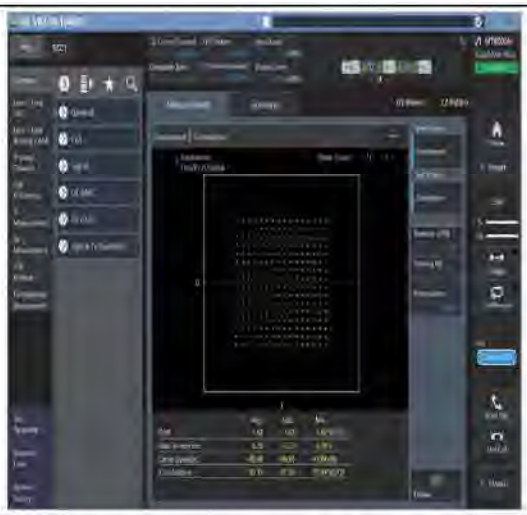
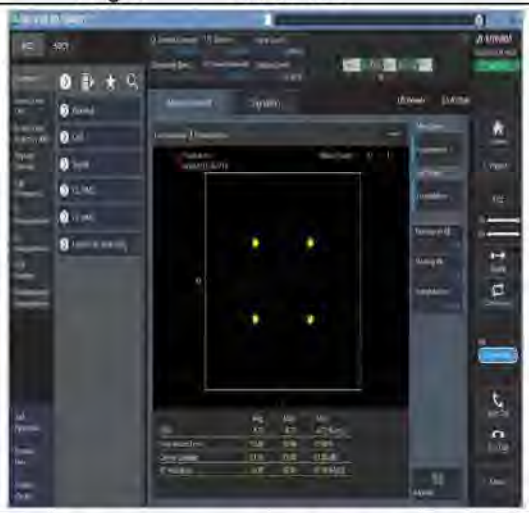
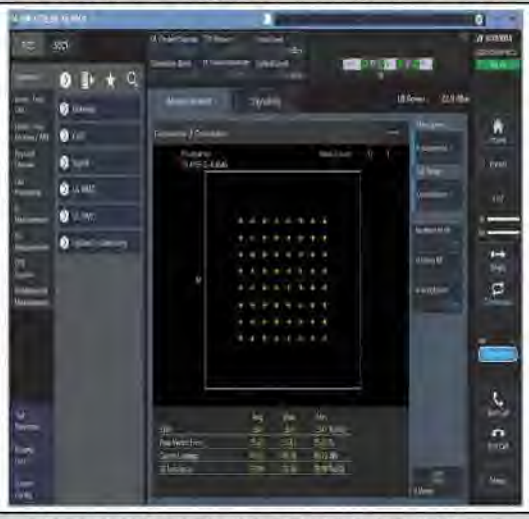
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

No.1 Workshop, No.1 Building, No.1 Xinghan 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星汉路1号1幢1号厂房南侧 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Test Graphs

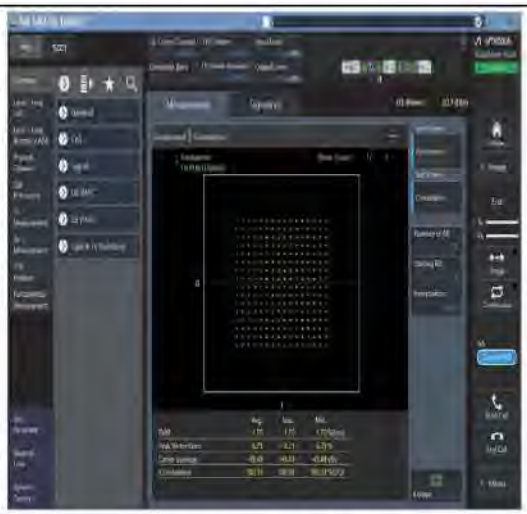
	
1-N78-3450-3550--30-100-M-1-DFT-PI2BPSK-Outer_Full-270@0-Ant1-see graph-PASS	1-N78-3450-3550--30-100-M-2-DFT-QPSK-Outer_Full-270@0-Ant1-see graph-PASS
	
1-N78-3450-3550--30-100-M-3-DFT-16QAM-Outer_Full-270@0-Ant1-see graph-PASS	1-N78-3450-3550--30-100-M-4-DFT-64QAM-Outer_Full-270@0-Ant1-see graph-PASS

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

	
1-N78-3450-3550--30-100-M-5-DFT-256QAM-Outer_Full-270@0-Ant1-see graph-PASS	1-N78-3450-3550--30-100-M-6-CP-QPSK-Outer_Full-273@0-Ant1-see graph-PASS
	
1-N78-3450-3550--30-100-M-7-CP-16QAM-Outer_Full-273@0-Ant1-see graph-PASS	1-N78-3450-3550--30-100-M-8-CP-64QAM-Outer_Full-273@0-Ant1-see graph-PASS

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

No. 1 Building, No.1 Runsheng 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·中新（江苏）自由贸易试验区苏州工业园区润慧路1号BU1厂房南楼 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

	
1-N78-3450-3550--30-100-M-9-CP-256QAM-Outer_Full-273@0-Ant1-see graph-PASS	

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

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	L	Outer_Full	8.606	9.720	PASS
N78-3450-3550	30	10	DFT-PI2BPSK	L	Outer_Full	8.564	9.820	PASS
N78-3450-3550	30	10	DFT-16QAM	L	Outer_Full	8.586	9.520	PASS
N78-3450-3550	30	10	DFT-64QAM	L	Outer_Full	8.561	9.340	PASS
N78-3450-3550	30	10	DFT-256QAM	L	Outer_Full	8.551	9.540	PASS
N78-3450-3550	30	10	CP-QPSK	L	Outer_Full	8.614	9.560	PASS
N78-3450-3550	30	10	CP-16QAM	L	Outer_Full	8.567	9.620	PASS
N78-3450-3550	30	10	CP-64QAM	L	Outer_Full	8.541	9.880	PASS
N78-3450-3550	30	10	CP-256QAM	L	Outer_Full	8.624	9.660	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Outer_Full	8.576	9.420	PASS
N78-3450-3550	30	10	DFT-PI2BPSK	M	Outer_Full	8.580	9.480	PASS
N78-3450-3550	30	10	DFT-16QAM	M	Outer_Full	8.599	9.780	PASS
N78-3450-3550	30	10	DFT-64QAM	M	Outer_Full	8.576	9.480	PASS
N78-3450-3550	30	10	DFT-256QAM	M	Outer_Full	8.611	9.460	PASS
N78-3450-3550	30	10	CP-QPSK	M	Outer_Full	8.566	9.880	PASS
N78-3450-3550	30	10	CP-16QAM	M	Outer_Full	8.588	9.740	PASS
N78-3450-3550	30	10	CP-64QAM	M	Outer_Full	8.633	9.840	PASS
N78-3450-3550	30	10	CP-256QAM	M	Outer_Full	8.567	9.100	PASS
N78-3450-3550	30	10	DFT-QPSK	H	Outer_Full	8.587	9.300	PASS
N78-3450-3550	30	10	DFT-PI2BPSK	H	Outer_Full	8.569	9.480	PASS
N78-3450-3550	30	10	DFT-16QAM	H	Outer_Full	8.570	9.560	PASS
N78-3450-3550	30	10	DFT-64QAM	H	Outer_Full	8.570	9.680	PASS
N78-3450-3550	30	10	DFT-256QAM	H	Outer_Full	8.555	9.600	PASS
N78-3450-3550	30	10	CP-QPSK	H	Outer_Full	8.590	9.520	PASS
N78-3450-3550	30	10	CP-16QAM	H	Outer_Full	8.588	9.320	PASS
N78-3450-3550	30	10	CP-64QAM	H	Outer_Full	8.569	9.780	PASS
N78-3450-3550	30	10	CP-256QAM	H	Outer_Full	8.577	9.660	PASS
N78-3450-3550	30	15	DFT-QPSK	L	Outer_Full	12.895	13.920	PASS
N78-3450-3550	30	15	DFT-PI2BPSK	L	Outer_Full	12.868	13.830	PASS
N78-3450-3550	30	15	DFT-16QAM	L	Outer_Full	12.817	13.800	PASS
N78-3450-3550	30	15	DFT-64QAM	L	Outer_Full	12.857	13.710	PASS
N78-3450-3550	30	15	DFT-256QAM	L	Outer_Full	12.790	13.740	PASS

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

N78-3450-3550	30	15	CP-QPSK	L	Outer_Full	13.571	14.760	PASS
N78-3450-3550	30	15	CP-16QAM	L	Outer_Full	13.591	14.550	PASS
N78-3450-3550	30	15	CP-64QAM	L	Outer_Full	13.632	15.060	PASS
N78-3450-3550	30	15	CP-256QAM	L	Outer_Full	13.62	14.730	PASS
N78-3450-3550	30	15	DFT-QPSK	M	Outer_Full	12.885	14.220	PASS
N78-3450-3550	30	15	DFT-PI2BPSK	M	Outer_Full	12.846	14.430	PASS
N78-3450-3550	30	15	DFT-16QAM	M	Outer_Full	12.937	14.220	PASS
N78-3450-3550	30	15	DFT-64QAM	M	Outer_Full	12.880	13.980	PASS
N78-3450-3550	30	15	DFT-256QAM	M	Outer_Full	12.855	14.010	PASS
N78-3450-3550	30	15	CP-QPSK	M	Outer_Full	13.558	14.850	PASS
N78-3450-3550	30	15	CP-16QAM	M	Outer_Full	13.579	14.640	PASS
N78-3450-3550	30	15	CP-64QAM	M	Outer_Full	13.582	15.000	PASS
N78-3450-3550	30	15	CP-256QAM	M	Outer_Full	13.584	14.520	PASS
N78-3450-3550	30	15	DFT-QPSK	H	Outer_Full	12.892	14.610	PASS
N78-3450-3550	30	15	DFT-PI2BPSK	H	Outer_Full	12.873	14.400	PASS
N78-3450-3550	30	15	DFT-16QAM	H	Outer_Full	12.756	14.310	PASS
N78-3450-3550	30	15	DFT-64QAM	H	Outer_Full	12.870	13.710	PASS
N78-3450-3550	30	15	DFT-256QAM	H	Outer_Full	12.854	14.130	PASS
N78-3450-3550	30	15	CP-QPSK	H	Outer_Full	13.605	14.790	PASS
N78-3450-3550	30	15	CP-16QAM	H	Outer_Full	13.598	14.550	PASS
N78-3450-3550	30	15	CP-64QAM	H	Outer_Full	13.570	14.760	PASS
N78-3450-3550	30	15	CP-256QAM	H	Outer_Full	13.573	15.060	PASS
N78-3450-3550	30	20	DFT-QPSK	L	Outer_Full	17.853	19.480	PASS
N78-3450-3550	30	20	DFT-PI2BPSK	L	Outer_Full	17.850	19.440	PASS
N78-3450-3550	30	20	DFT-16QAM	L	Outer_Full	17.860	18.760	PASS
N78-3450-3550	30	20	DFT-64QAM	L	Outer_Full	17.789	18.960	PASS
N78-3450-3550	30	20	DFT-256QAM	L	Outer_Full	17.841	19.320	PASS
N78-3450-3550	30	20	CP-QPSK	L	Outer_Full	18.174	19.480	PASS
N78-3450-3550	30	20	CP-16QAM	L	Outer_Full	18.200	19.880	PASS
N78-3450-3550	30	20	CP-64QAM	L	Outer_Full	18.199	19.800	PASS
N78-3450-3550	30	20	CP-256QAM	L	Outer_Full	18.218	19.240	PASS
N78-3450-3550	30	20	DFT-QPSK	M	Outer_Full	17.852	19.440	PASS
N78-3450-3550	30	20	DFT-PI2BPSK	M	Outer_Full	17.921	19.480	PASS
N78-3450-3550	30	20	DFT-16QAM	M	Outer_Full	17.787	18.640	PASS
N78-3450-3550	30	20	DFT-64QAM	M	Outer_Full	17.880	19.360	PASS
N78-3450-3550	30	20	DFT-256QAM	M	Outer_Full	17.852	19.440	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	18.211	19.840	PASS
N78-3450-3550	30	20	CP-16QAM	M	Outer_Full	18.160	19.440	PASS

Unless otherwise agreed in writing, this document is subject to the Company's terms and conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms_and_conditions.htm 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.
For authenticity, to check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

N78-3450-3550	30	20	CP-64QAM	M	Outer_Full	18.195	20.080	PASS
N78-3450-3550	30	20	CP-256QAM	M	Outer_Full	18.252	19.920	PASS
N78-3450-3550	30	20	DFT-QPSK	H	Outer_Full	17.854	19.440	PASS
N78-3450-3550	30	20	DFT-PI2BPSK	H	Outer_Full	17.844	18.720	PASS
N78-3450-3550	30	20	DFT-16QAM	H	Outer_Full	17.893	19.080	PASS
N78-3450-3550	30	20	DFT-64QAM	H	Outer_Full	17.878	19.400	PASS
N78-3450-3550	30	20	DFT-256QAM	H	Outer_Full	17.801	19.120	PASS
N78-3450-3550	30	20	CP-QPSK	H	Outer_Full	18.197	19.800	PASS
N78-3450-3550	30	20	CP-16QAM	H	Outer_Full	18.158	19.000	PASS
N78-3450-3550	30	20	CP-64QAM	H	Outer_Full	18.110	19.320	PASS
N78-3450-3550	30	20	CP-256QAM	H	Outer_Full	18.223	19.760	PASS
N78-3450-3550	30	30	DFT-QPSK	L	Outer_Full	26.798	28.740	PASS
N78-3450-3550	30	30	DFT-PI2BPSK	L	Outer_Full	26.825	28.800	PASS
N78-3450-3550	30	30	DFT-16QAM	L	Outer_Full	26.836	28.800	PASS
N78-3450-3550	30	30	DFT-64QAM	L	Outer_Full	26.802	28.680	PASS
N78-3450-3550	30	30	DFT-256QAM	L	Outer_Full	26.818	28.920	PASS
N78-3450-3550	30	30	CP-QPSK	L	Outer_Full	27.830	30.060	PASS
N78-3450-3550	30	30	CP-16QAM	L	Outer_Full	27.845	29.760	PASS
N78-3450-3550	30	30	CP-64QAM	L	Outer_Full	27.823	29.640	PASS
N78-3450-3550	30	30	CP-256QAM	L	Outer_Full	27.849	29.700	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Outer_Full	26.807	28.740	PASS
N78-3450-3550	30	30	DFT-PI2BPSK	M	Outer_Full	26.838	28.860	PASS
N78-3450-3550	30	30	DFT-16QAM	M	Outer_Full	26.852	28.860	PASS
N78-3450-3550	30	30	DFT-64QAM	M	Outer_Full	26.811	28.680	PASS
N78-3450-3550	30	30	DFT-256QAM	M	Outer_Full	26.827	28.980	PASS
N78-3450-3550	30	30	CP-QPSK	M	Outer_Full	27.853	30.120	PASS
N78-3450-3550	30	30	CP-16QAM	M	Outer_Full	27.870	29.820	PASS
N78-3450-3550	30	30	CP-64QAM	M	Outer_Full	27.844	29.700	PASS
N78-3450-3550	30	30	CP-256QAM	M	Outer_Full	27.873	29.820	PASS
N78-3450-3550	30	30	DFT-QPSK	H	Outer_Full	26.795	28.740	PASS
N78-3450-3550	30	30	DFT-PI2BPSK	H	Outer_Full	26.826	28.800	PASS
N78-3450-3550	30	30	DFT-16QAM	H	Outer_Full	26.847	28.800	PASS
N78-3450-3550	30	30	DFT-64QAM	H	Outer_Full	26.787	28.680	PASS
N78-3450-3550	30	30	DFT-256QAM	H	Outer_Full	26.791	28.980	PASS
N78-3450-3550	30	30	CP-QPSK	H	Outer_Full	27.835	30.060	PASS
N78-3450-3550	30	30	CP-16QAM	H	Outer_Full	27.850	29.760	PASS
N78-3450-3550	30	30	CP-64QAM	H	Outer_Full	27.834	29.700	PASS
N78-3450-3550	30	30	CP-256QAM	H	Outer_Full	27.838	29.760	PASS

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

N78-3450-3550	30	40	DFT-QPSK	L	Outer_Full	35.687	38.160	PASS
N78-3450-3550	30	40	DFT-PI2BPSK	L	Outer_Full	35.747	38.080	PASS
N78-3450-3550	30	40	DFT-16QAM	L	Outer_Full	35.713	38.160	PASS
N78-3450-3550	30	40	DFT-64QAM	L	Outer_Full	35.843	38.080	PASS
N78-3450-3550	30	40	DFT-256QAM	L	Outer_Full	35.697	38.080	PASS
N78-3450-3550	30	40	CP-QPSK	L	Outer_Full	37.875	40.320	PASS
N78-3450-3550	30	40	CP-16QAM	L	Outer_Full	37.819	40.320	PASS
N78-3450-3550	30	40	CP-64QAM	L	Outer_Full	37.813	40.400	PASS
N78-3450-3550	30	40	CP-256QAM	L	Outer_Full	37.831	40.080	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Outer_Full	35.734	38.240	PASS
N78-3450-3550	30	40	DFT-PI2BPSK	M	Outer_Full	35.835	38.080	PASS
N78-3450-3550	30	40	DFT-16QAM	M	Outer_Full	35.761	38.240	PASS
N78-3450-3550	30	40	DFT-64QAM	M	Outer_Full	35.888	38.240	PASS
N78-3450-3550	30	40	DFT-256QAM	M	Outer_Full	35.761	38.080	PASS
N78-3450-3550	30	40	CP-QPSK	M	Outer_Full	37.975	40.400	PASS
N78-3450-3550	30	40	CP-16QAM	M	Outer_Full	37.889	40.240	PASS
N78-3450-3550	30	40	CP-64QAM	M	Outer_Full	37.883	40.400	PASS
N78-3450-3550	30	40	CP-256QAM	M	Outer_Full	37.900	40.480	PASS
N78-3450-3550	30	40	DFT-QPSK	H	Outer_Full	35.707	38.240	PASS
N78-3450-3550	30	40	DFT-PI2BPSK	H	Outer_Full	35.746	37.920	PASS
N78-3450-3550	30	40	DFT-16QAM	H	Outer_Full	35.747	38.080	PASS
N78-3450-3550	30	40	DFT-64QAM	H	Outer_Full	35.850	38.000	PASS
N78-3450-3550	30	40	DFT-256QAM	H	Outer_Full	35.683	38.000	PASS
N78-3450-3550	30	40	CP-QPSK	H	Outer_Full	37.864	40.320	PASS
N78-3450-3550	30	40	CP-16QAM	H	Outer_Full	37.861	40.320	PASS
N78-3450-3550	30	40	CP-64QAM	H	Outer_Full	37.835	40.400	PASS
N78-3450-3550	30	40	CP-256QAM	H	Outer_Full	37.849	40.240	PASS
N78-3450-3550	30	50	DFT-QPSK	L	Outer_Full	45.848	47.600	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	L	Outer_Full	45.638	47.500	PASS
N78-3450-3550	30	50	DFT-16QAM	L	Outer_Full	45.776	47.600	PASS
N78-3450-3550	30	50	DFT-64QAM	L	Outer_Full	45.622	47.400	PASS
N78-3450-3550	30	50	DFT-256QAM	L	Outer_Full	45.687	47.500	PASS
N78-3450-3550	30	50	CP-QPSK	L	Outer_Full	47.358	49.200	PASS
N78-3450-3550	30	50	CP-16QAM	L	Outer_Full	47.354	49.300	PASS
N78-3450-3550	30	50	CP-64QAM	L	Outer_Full	47.418	49.800	PASS
N78-3450-3550	30	50	CP-256QAM	L	Outer_Full	47.254	49.300	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Outer_Full	45.936	47.700	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	M	Outer_Full	45.766	47.500	PASS

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

N78-3450-3550	30	50	DFT-16QAM	M	Outer_Full	45.541	47.700	PASS
N78-3450-3550	30	50	DFT-64QAM	M	Outer_Full	45.719	48.100	PASS
N78-3450-3550	30	50	DFT-256QAM	M	Outer_Full	45.831	47.600	PASS
N78-3450-3550	30	50	CP-QPSK	M	Outer_Full	47.582	49.500	PASS
N78-3450-3550	30	50	CP-16QAM	M	Outer_Full	47.398	49.300	PASS
N78-3450-3550	30	50	CP-64QAM	M	Outer_Full	47.422	49.300	PASS
N78-3450-3550	30	50	CP-256QAM	M	Outer_Full	47.424	49.300	PASS
N78-3450-3550	30	50	DFT-QPSK	H	Outer_Full	45.627	47.400	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	H	Outer_Full	45.811	47.900	PASS
N78-3450-3550	30	50	DFT-16QAM	H	Outer_Full	45.746	47.500	PASS
N78-3450-3550	30	50	DFT-64QAM	H	Outer_Full	45.748	47.900	PASS
N78-3450-3550	30	50	DFT-256QAM	H	Outer_Full	45.793	47.600	PASS
N78-3450-3550	30	50	CP-QPSK	H	Outer_Full	47.325	49.100	PASS
N78-3450-3550	30	50	CP-16QAM	H	Outer_Full	47.342	49.100	PASS
N78-3450-3550	30	50	CP-64QAM	H	Outer_Full	47.222	49.200	PASS
N78-3450-3550	30	50	CP-256QAM	H	Outer_Full	47.284	49.600	PASS
N78-3450-3550	30	60	DFT-QPSK	L	Outer_Full	57.790	60.360	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	L	Outer_Full	57.794	60.360	PASS
N78-3450-3550	30	60	DFT-16QAM	L	Outer_Full	57.892	60.240	PASS
N78-3450-3550	30	60	DFT-64QAM	L	Outer_Full	57.934	60.720	PASS
N78-3450-3550	30	60	DFT-256QAM	L	Outer_Full	57.931	60.360	PASS
N78-3450-3550	30	60	CP-QPSK	L	Outer_Full	57.767	60.360	PASS
N78-3450-3550	30	60	CP-16QAM	L	Outer_Full	57.835	60.480	PASS
N78-3450-3550	30	60	CP-64QAM	L	Outer_Full	57.749	60.360	PASS
N78-3450-3550	30	60	CP-256QAM	L	Outer_Full	57.734	60.120	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Outer_Full	57.874	60.360	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	M	Outer_Full	57.948	60.360	PASS
N78-3450-3550	30	60	DFT-16QAM	M	Outer_Full	57.929	60.240	PASS
N78-3450-3550	30	60	DFT-64QAM	M	Outer_Full	57.947	60.480	PASS
N78-3450-3550	30	60	DFT-256QAM	M	Outer_Full	57.991	60.480	PASS
N78-3450-3550	30	60	CP-QPSK	M	Outer_Full	57.769	60.480	PASS
N78-3450-3550	30	60	CP-16QAM	M	Outer_Full	57.879	60.480	PASS
N78-3450-3550	30	60	CP-64QAM	M	Outer_Full	57.824	60.480	PASS
N78-3450-3550	30	60	CP-256QAM	M	Outer_Full	57.825	60.120	PASS
N78-3450-3550	30	60	DFT-QPSK	H	Outer_Full	57.861	60.360	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	H	Outer_Full	57.916	60.480	PASS
N78-3450-3550	30	60	DFT-16QAM	H	Outer_Full	57.952	60.480	PASS
N78-3450-3550	30	60	DFT-64QAM	H	Outer_Full	57.937	60.360	PASS

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

No.1 Workshop, No.1 Building, No.1 Xinghong 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工业园区星湖街1号2幢1号厂房南侧 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

N78-3450-3550	30	60	DFT-256QAM	H	Outer_Full	57.981	60.480	PASS
N78-3450-3550	30	60	CP-QPSK	H	Outer_Full	57.785	60.600	PASS
N78-3450-3550	30	60	CP-16QAM	H	Outer_Full	57.903	60.360	PASS
N78-3450-3550	30	60	CP-64QAM	H	Outer_Full	57.772	60.600	PASS
N78-3450-3550	30	60	CP-256QAM	H	Outer_Full	57.801	60.360	PASS
N78-3450-3550	30	70	DFT-QPSK	L	Outer_Full	64.210	66.360	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	L	Outer_Full	64.164	66.220	PASS
N78-3450-3550	30	70	DFT-16QAM	L	Outer_Full	64.222	66.360	PASS
N78-3450-3550	30	70	DFT-64QAM	L	Outer_Full	64.100	66.360	PASS
N78-3450-3550	30	70	DFT-256QAM	L	Outer_Full	64.088	66.500	PASS
N78-3450-3550	30	70	CP-QPSK	L	Outer_Full	67.438	69.860	PASS
N78-3450-3550	30	70	CP-16QAM	L	Outer_Full	67.306	69.580	PASS
N78-3450-3550	30	70	CP-64QAM	L	Outer_Full	67.362	69.440	PASS
N78-3450-3550	30	70	CP-256QAM	L	Outer_Full	67.487	69.580	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Outer_Full	64.315	66.220	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	M	Outer_Full	64.155	66.080	PASS
N78-3450-3550	30	70	DFT-16QAM	M	Outer_Full	64.299	66.220	PASS
N78-3450-3550	30	70	DFT-64QAM	M	Outer_Full	64.245	66.360	PASS
N78-3450-3550	30	70	DFT-256QAM	M	Outer_Full	64.416	66.500	PASS
N78-3450-3550	30	70	CP-QPSK	M	Outer_Full	67.436	69.440	PASS
N78-3450-3550	30	70	CP-16QAM	M	Outer_Full	67.392	69.720	PASS
N78-3450-3550	30	70	CP-64QAM	M	Outer_Full	67.316	69.440	PASS
N78-3450-3550	30	70	CP-256QAM	M	Outer_Full	67.497	69.720	PASS
N78-3450-3550	30	70	DFT-QPSK	H	Outer_Full	64.417	66.360	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	H	Outer_Full	64.301	66.780	PASS
N78-3450-3550	30	70	DFT-16QAM	H	Outer_Full	64.478	66.500	PASS
N78-3450-3550	30	70	DFT-64QAM	H	Outer_Full	64.319	66.500	PASS
N78-3450-3550	30	70	DFT-256QAM	H	Outer_Full	64.218	66.220	PASS
N78-3450-3550	30	70	CP-QPSK	H	Outer_Full	67.448	69.860	PASS
N78-3450-3550	30	70	CP-16QAM	H	Outer_Full	67.087	69.300	PASS
N78-3450-3550	30	70	CP-64QAM	H	Outer_Full	67.204	69.300	PASS
N78-3450-3550	30	70	CP-256QAM	H	Outer_Full	67.221	69.580	PASS
N78-3450-3550	30	80	DFT-QPSK	L	Outer_Full	77.167	80.960	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	L	Outer_Full	77.278	80.800	PASS
N78-3450-3550	30	80	DFT-16QAM	L	Outer_Full	77.299	80.800	PASS
N78-3450-3550	30	80	DFT-64QAM	L	Outer_Full	77.180	80.640	PASS
N78-3450-3550	30	80	DFT-256QAM	L	Outer_Full	77.263	80.800	PASS
N78-3450-3550	30	80	CP-QPSK	L	Outer_Full	77.744	80.960	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-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

Suzhou No. 8 Plant, No.1, Ruisheng 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工业园区瑞胜1号SGS产业园 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

N78-3450-3550	30	80	CP-16QAM	L	Outer_Full	77.693	81.120	PASS
N78-3450-3550	30	80	CP-64QAM	L	Outer_Full	77.448	81.120	PASS
N78-3450-3550	30	80	CP-256QAM	L	Outer_Full	77.515	81.120	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Outer_Full	77.245	80.640	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	M	Outer_Full	77.338	80.800	PASS
N78-3450-3550	30	80	DFT-16QAM	M	Outer_Full	77.349	80.800	PASS
N78-3450-3550	30	80	DFT-64QAM	M	Outer_Full	77.263	80.800	PASS
N78-3450-3550	30	80	DFT-256QAM	M	Outer_Full	77.286	80.800	PASS
N78-3450-3550	30	80	CP-QPSK	M	Outer_Full	77.747	81.120	PASS
N78-3450-3550	30	80	CP-16QAM	M	Outer_Full	77.681	81.120	PASS
N78-3450-3550	30	80	CP-64QAM	M	Outer_Full	77.486	81.120	PASS
N78-3450-3550	30	80	CP-256QAM	M	Outer_Full	77.544	81.280	PASS
N78-3450-3550	30	80	DFT-QPSK	H	Outer_Full	77.328	81.120	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	H	Outer_Full	77.341	80.960	PASS
N78-3450-3550	30	80	DFT-16QAM	H	Outer_Full	77.373	80.800	PASS
N78-3450-3550	30	80	DFT-64QAM	H	Outer_Full	77.219	80.800	PASS
N78-3450-3550	30	80	DFT-256QAM	H	Outer_Full	77.286	80.800	PASS
N78-3450-3550	30	80	CP-QPSK	H	Outer_Full	77.762	80.800	PASS
N78-3450-3550	30	80	CP-16QAM	H	Outer_Full	77.716	81.120	PASS
N78-3450-3550	30	80	CP-64QAM	H	Outer_Full	77.517	80.960	PASS
N78-3450-3550	30	80	CP-256QAM	H	Outer_Full	77.563	81.280	PASS
N78-3450-3550	30	90	DFT-QPSK	L	Outer_Full	85.540	88.920	PASS
N78-3450-3550	30	90	DFT-PI2BPSK	L	Outer_Full	85.649	89.280	PASS
N78-3450-3550	30	90	DFT-16QAM	L	Outer_Full	85.625	88.920	PASS
N78-3450-3550	30	90	DFT-64QAM	L	Outer_Full	85.940	89.100	PASS
N78-3450-3550	30	90	DFT-256QAM	L	Outer_Full	85.594	88.740	PASS
N78-3450-3550	30	90	CP-QPSK	L	Outer_Full	87.383	90.720	PASS
N78-3450-3550	30	90	CP-16QAM	L	Outer_Full	87.558	90.540	PASS
N78-3450-3550	30	90	CP-64QAM	L	Outer_Full	87.420	90.720	PASS
N78-3450-3550	30	90	CP-256QAM	L	Outer_Full	87.580	90.900	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Outer_Full	85.669	89.100	PASS
N78-3450-3550	30	90	DFT-PI2BPSK	M	Outer_Full	85.566	88.920	PASS
N78-3450-3550	30	90	DFT-16QAM	M	Outer_Full	85.776	88.920	PASS
N78-3450-3550	30	90	DFT-64QAM	M	Outer_Full	85.705	88.920	PASS
N78-3450-3550	30	90	DFT-256QAM	M	Outer_Full	85.702	89.280	PASS
N78-3450-3550	30	90	CP-QPSK	M	Outer_Full	87.365	90.720	PASS
N78-3450-3550	30	90	CP-16QAM	M	Outer_Full	87.492	91.080	PASS
N78-3450-3550	30	90	CP-64QAM	M	Outer_Full	87.333	90.720	PASS

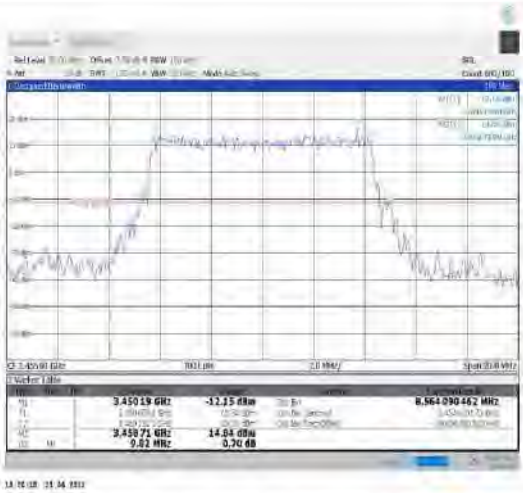
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

N78-3450-3550	30	90	CP-256QAM	M	Outer_Full	87.413	90.900	PASS
N78-3450-3550	30	90	DFT-QPSK	H	Outer_Full	85.605	89.100	PASS
N78-3450-3550	30	90	DFT-PI2BPSK	H	Outer_Full	85.711	88.920	PASS
N78-3450-3550	30	90	DFT-16QAM	H	Outer_Full	85.543	88.920	PASS
N78-3450-3550	30	90	DFT-64QAM	H	Outer_Full	85.629	88.920	PASS
N78-3450-3550	30	90	DFT-256QAM	H	Outer_Full	85.753	88.920	PASS
N78-3450-3550	30	90	CP-QPSK	H	Outer_Full	87.630	90.900	PASS
N78-3450-3550	30	90	CP-16QAM	H	Outer_Full	87.348	90.900	PASS
N78-3450-3550	30	90	CP-64QAM	H	Outer_Full	87.537	90.720	PASS
N78-3450-3550	30	90	CP-256QAM	H	Outer_Full	87.285	91.080	PASS
N78-3450-3550	30	100	DFT-QPSK	L	Outer_Full	96.360	100.200	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	Outer_Full	96.366	100.400	PASS
N78-3450-3550	30	100	DFT-16QAM	L	Outer_Full	96.283	100.600	PASS
N78-3450-3550	30	100	DFT-64QAM	L	Outer_Full	96.279	100.400	PASS
N78-3450-3550	30	100	DFT-256QAM	L	Outer_Full	96.471	100.400	PASS
N78-3450-3550	30	100	CP-QPSK	L	Outer_Full	97.443	101.200	PASS
N78-3450-3550	30	100	CP-16QAM	L	Outer_Full	97.580	101.400	PASS
N78-3450-3550	30	100	CP-64QAM	L	Outer_Full	97.481	101.400	PASS
N78-3450-3550	30	100	CP-256QAM	L	Outer_Full	97.426	101.200	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	96.375	100.200	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	96.385	100.400	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Outer_Full	96.325	100.400	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Outer_Full	96.338	100.600	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	96.495	100.400	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	97.447	101.200	PASS
N78-3450-3550	30	100	CP-16QAM	M	Outer_Full	97.511	101.400	PASS
N78-3450-3550	30	100	CP-64QAM	M	Outer_Full	97.550	101.400	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	97.404	101.200	PASS
N78-3450-3550	30	100	DFT-QPSK	H	Outer_Full	96.347	100.200	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	H	Outer_Full	96.396	100.200	PASS
N78-3450-3550	30	100	DFT-16QAM	H	Outer_Full	96.289	100.600	PASS
N78-3450-3550	30	100	DFT-64QAM	H	Outer_Full	96.336	100.600	PASS
N78-3450-3550	30	100	DFT-256QAM	H	Outer_Full	96.467	100.400	PASS
N78-3450-3550	30	100	CP-QPSK	H	Outer_Full	97.427	101.200	PASS
N78-3450-3550	30	100	CP-16QAM	H	Outer_Full	97.618	101.400	PASS
N78-3450-3550	30	100	CP-64QAM	H	Outer_Full	97.550	101.400	PASS
N78-3450-3550	30	100	CP-256QAM	H	Outer_Full	97.425	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

Test Graphs

1-N78-3450-3550--30-10-L-1-DFT-QPSK-Outer_Full-24@0-Ant1-8.606-9.720-≤10-PASS



1-N78-3450-3550--30-10-L-2-DFT-PI2BPSK-Outer_Full-24@0-Ant1-8.564-9.820-≤10-PASS

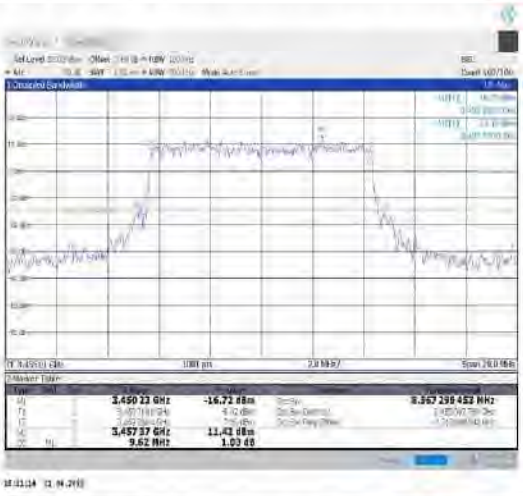
1-N78-3450-3550--30-10-L-3-DFT-16QAM-Outer_Full-24@0-Ant1-8.586-9.520-≤10-PASS

1-N78-3450-3550--30-10-L-4-DFT-64QAM-Outer_Full-24@0-Ant1-8.561-9.340-≤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-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.

1-N78-3450-3550--30-10-L-5-DFT-256QAM-Outer_Full-24@0-Ant1-8.551-9.540-≤10-PASS

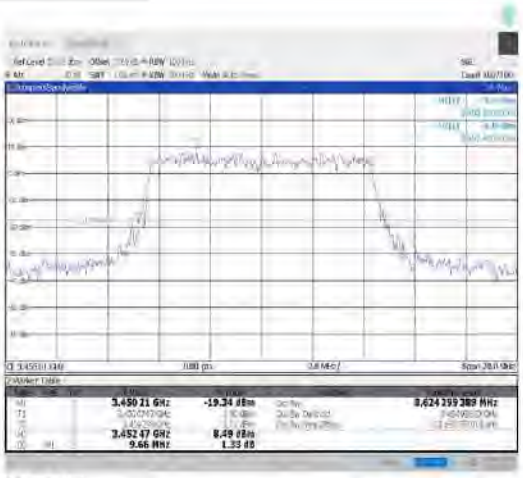
1-N78-3450-3550--30-10-L-6-CP-QPSK-Outer_Full-24@0-Ant1-8.614-9.560-≤10-PASS



1-N78-3450-3550--30-10-L-7-CP-16QAM-Outer_Full-24@0-Ant1-8.567-9.620-≤10-PASS

1-N78-3450-3550--30-10-L-8-CP-64QAM-Outer_Full-24@0-Ant1-8.541-9.880-≤10-PASS

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



1-N78-3450-3550--30-10-L-9-CP-256QAM-Outer_Full-24@0-Ant1-8.624-9.660-≤10-PASS

1-N78-3450-3550--30-10-M-1-DFT-QPSK-Outer_Full-24@0-Ant1-8.576-9.420-≤10-PASS

1-N78-3450-3550--30-10-M-2-DFT-PI2BPSK-Outer_Full-24@0-Ant1-8.58-9.480-≤10-PASS

1-N78-3450-3550--30-10-M-3-DFT-16QAM-Outer_Full-24@0-Ant1-8.599-9.780-≤10-PASS

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

1-N78-3450-3550--30-10-M-4-DFT-64QAM-Outer_Full-24@0-Ant1-8.576-9.480-≤10-PASS

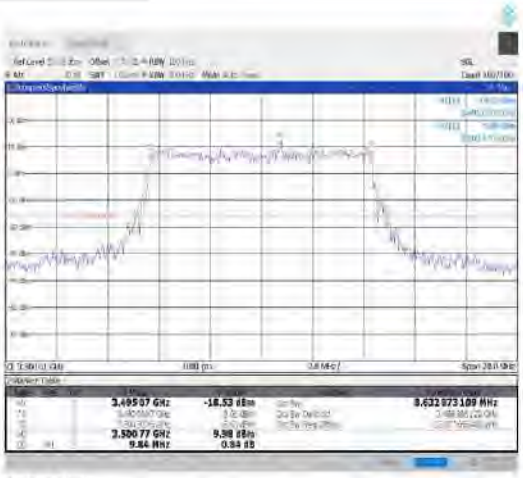
1-N78-3450-3550--30-10-M-5-DFT-256QAM-Outer_Full-24@0-Ant1-8.611-9.460-≤10-PASS

1-N78-3450-3550--30-10-M-6-CP-QPSK-Outer_Full-24@0-Ant1-8.566-9.880-≤10-PASS

1-N78-3450-3550--30-10-M-7-CP-16QAM-Outer_Full-24@0-Ant1-8.588-9.740-≤10-PASS

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

No. 1 Workshop, No. 198 Kelin Road, China (Jiangsu) Pilot Free Trade Zone, Suzhou Industrial Park, Suzhou, China 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工业园区科林路198号邮政编码：215000 t (86-512) 62992980 sgs.china@sgs.com



1-N78-3450-3550--30-10-M-8-CP-64QAM-Outer_Full-24@0-Ant1-8.633-9.840-≤10-PASS

1-N78-3450-3550--30-10-M-9-CP-256QAM-Outer_Full-24@0-Ant1-8.567-9.100-≤10-PASS

1-N78-3450-3550--30-10-H-1-DFT-QPSK-Outer_Full-24@0-Ant1-8.587-9.300-≤10-PASS

1-N78-3450-3550--30-10-H-2-DFT-PI2BPSK-Outer_Full-24@0-Ant1-8.569-9.480-≤10-PASS

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

1-N78-3450-3550--30-10-H-3-DFT-16QAM-Outer_Full-24@0-Ant1-8.57-9.560-≤10-PASS

1-N78-3450-3550--30-10-H-4-DFT-64QAM-Outer_Full-24@0-Ant1-8.57-9.680-≤10-PASS

1-N78-3450-3550--30-10-H-5-DFT-256QAM-Outer_Full-24@0-Ant1-8.555-9.600-≤10-PASS

1-N78-3450-3550--30-10-H-6-CP-QPSK-Outer_Full-24@0-Ant1-8.59-9.520-≤10-PASS

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

1-N78-3450-3550--30-10-H-7-CP-16QAM-Outer_Full-24@0-Ant1-8.588-9.320-≤10-PASS

1-N78-3450-3550--30-10-H-8-CP-64QAM-Outer_Full-24@0-Ant1-8.569-9.780-≤10-PASS

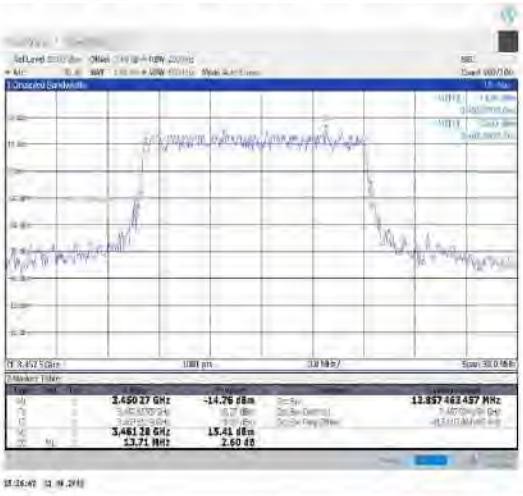
1-N78-3450-3550--30-10-H-9-CP-256QAM-Outer_Full-24@0-Ant1-8.577-9.660-≤10-PASS

1-N78-3450-3550--30-15-L-1-DFT-QPSK-Outer_Full-36@0-Ant1-12.895-13.920-≤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.

1-N78-3450-3550--30-15-L-2-DFT-PI2BPSK-Outer_Full-36@0-Ant1-12.868-13.830-≤15-PASS

1-N78-3450-3550--30-15-L-3-DFT-16QAM-Outer_Full-36@0-Ant1-12.817-13.800-≤15-PASS



1-N78-3450-3550--30-15-L-4-DFT-64QAM-Outer_Full-36@0-Ant1-12.857-13.710-≤15-PASS

1-N78-3450-3550--30-15-L-5-DFT-256QAM-Outer_Full-36@0-Ant1-12.79-13.740-≤15-PASS

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

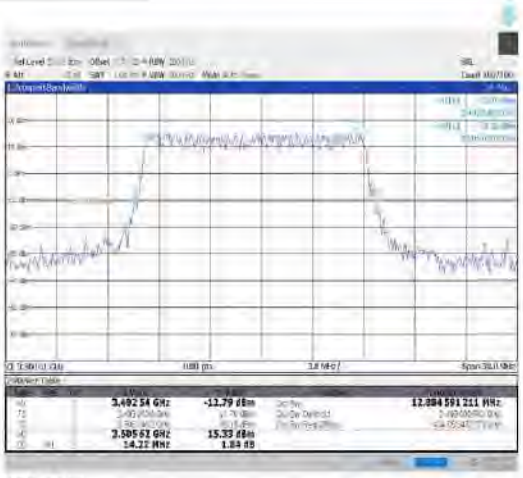
1-N78-3450-3550--30-15-L-6-CP-QPSK-Outer_Full-38@0-Ant1-13.571-14.760-≤15-PASS

1-N78-3450-3550--30-15-L-7-CP-16QAM-Outer_Full-38@0-Ant1-13.591-14.550-≤15-PASS

1-N78-3450-3550--30-15-L-8-CP-64QAM-Outer_Full-38@0-Ant1-13.632-15.060-≤15-PASS

1-N78-3450-3550--30-15-L-9-CP-256QAM-Outer_Full-38@0-Ant1-13.62-14.730-≤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.



1-N78-3450-3550--30-15-M-1-DFT-QPSK-Outer_Full-36@0-Ant1-12.885-14.220-≤15-PASS

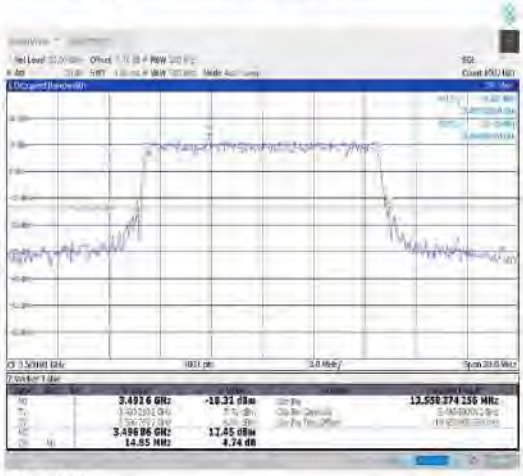
1-N78-3450-3550--30-15-M-2-DFT-PI2BPSK-Outer_Full-36@0-Ant1-12.846-14.430-≤15-PASS

1-N78-3450-3550--30-15-M-3-DFT-16QAM-Outer_Full-36@0-Ant1-12.937-14.220-≤15-PASS

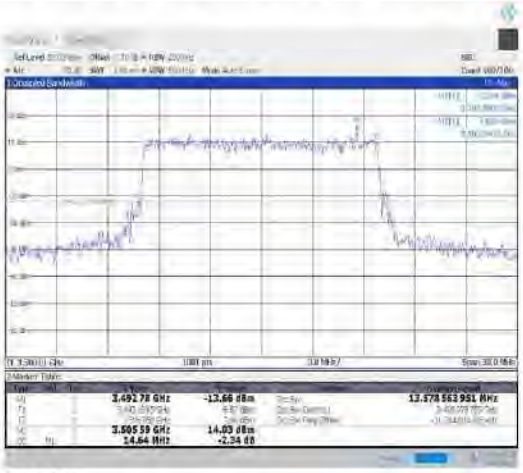
1-N78-3450-3550--30-15-M-4-DFT-64QAM-Outer_Full-36@0-Ant1-12.88-13.980-≤15-PASS

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

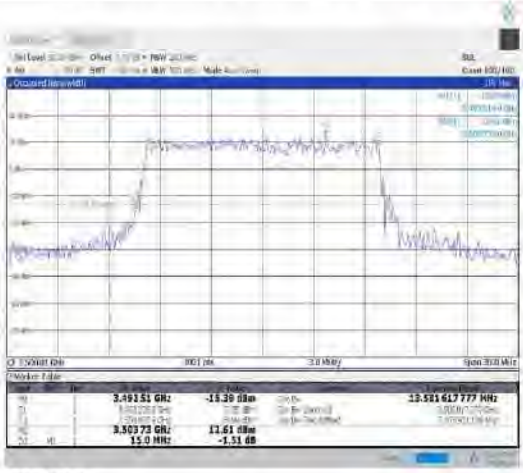
1-N78-3450-3550--30-15-M-5-DFT-256QAM-Outer_Full-36@0-Ant1-12.855-14.010-≤15-PASS



1-N78-3450-3550--30-15-M-6-CP-QPSK-Outer_Full-38@0-Ant1-13.558-14.850-≤15-PASS



1-N78-3450-3550--30-15-M-7-CP-16QAM-Outer_Full-38@0-Ant1-13.579-14.640-≤15-PASS



1-N78-3450-3550--30-15-M-8-CP-64QAM-Outer_Full-38@0-Ant1-13.582-15.000-≤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.

1-N78-3450-3550--30-15-M-9-CP-256QAM-Outer_Full-38@0-Ant1-13.584-14.520-≤15-PASS

1-N78-3450-3550--30-15-H-1-DFT-QPSK-Outer_Full-36@0-Ant1-12.892-14.610-≤15-PASS

1-N78-3450-3550--30-15-H-2-DFT-PI2BPSK-Outer_Full-36@0-Ant1-12.873-14.400-≤15-PASS

1-N78-3450-3550--30-15-H-3-DFT-16QAM-Outer_Full-36@0-Ant1-12.756-14.310-≤15-PASS

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

1-N78-3450-3550--30-15-H-4-DFT-64QAM-Outer_Full-36@0-Ant1-12.87-13.710-≤15-PASS

1-N78-3450-3550--30-15-H-5-DFT-256QAM-Outer_Full-36@0-Ant1-12.854-14.130-≤15-PASS

1-N78-3450-3550--30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant1-13.605-14.790-≤15-PASS

1-N78-3450-3550--30-15-H-7-CP-16QAM-Outer_Full-38@0-Ant1-13.598-14.550-≤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.

1-N78-3450-3550--30-15-H-8-CP-64QAM-Outer_Full-38@0-Ant1-13.57-14.760-≤15-PASS

1-N78-3450-3550--30-15-H-9-CP-256QAM-Outer_Full-38@0-Ant1-13.573-15.060-≤15-PASS

1-N78-3450-3550--30-20-L-1-DFT-QPSK-Outer_Full-50@0-Ant1-17.853-19.480-≤20-PASS

1-N78-3450-3550--30-20-L-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-17.85-19.440-≤20-PASS

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

No. 1 Workshop, No. 198 Kelin Road, SIP, Suzhou, China 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中新（江苏）自由贸易试验区苏州片区苏州工业园区科雅路198号1幢1号厂房南侧 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

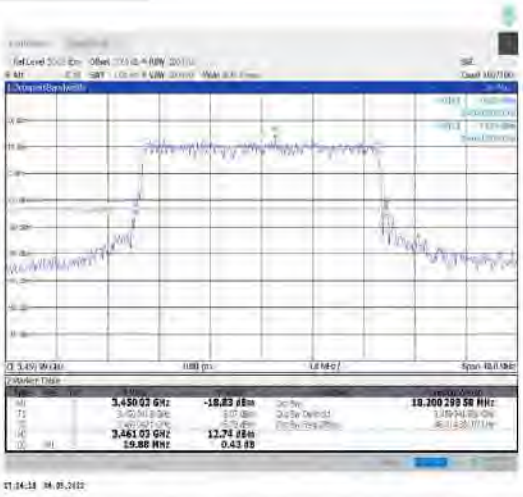
1-N78-3450-3550--30-20-L-3-DFT-16QAM-Outer_Full-50@0-Ant1-17.86-18.760-≤20-PASS

1-N78-3450-3550--30-20-L-4-DFT-64QAM-Outer_Full-50@0-Ant1-17.789-18.960-≤20-PASS

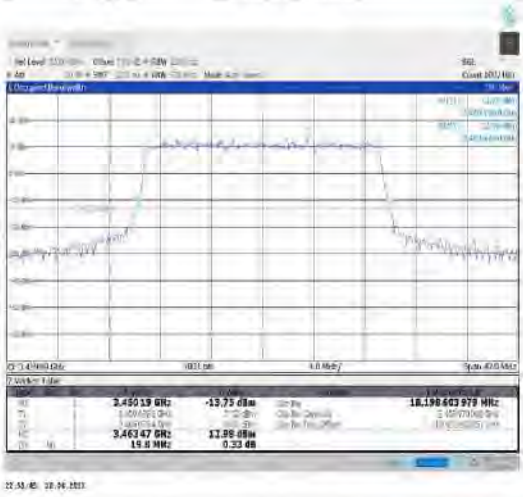
1-N78-3450-3550--30-20-L-5-DFT-256QAM-Outer_Full-50@0-Ant1-17.841-19.320-≤20-PASS

1-N78-3450-3550--30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant1-18.174-19.480-≤20-PASS

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



1-N78-3450-3550--30-20-L-7-CP-16QAM-Outer_Full-51@0-Ant1-18.2-19.880-≤20-PASS

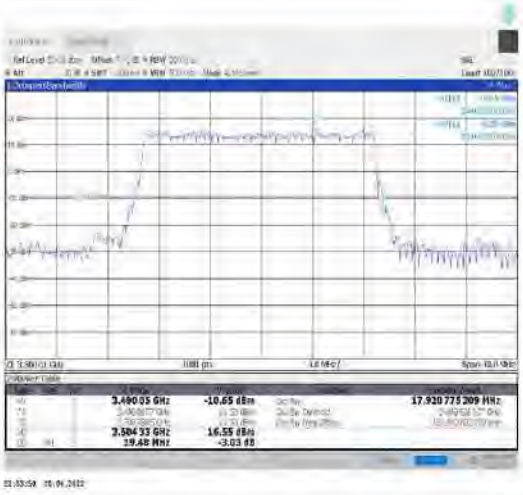


1-N78-3450-3550--30-20-L-8-CP-64QAM-Outer_Full-51@0-Ant1-18.199-19.800-≤20-PASS

1-N78-3450-3550--30-20-L-9-CP-256QAM-Outer_Full-51@0-Ant1-18.218-19.240-≤20-PASS

1-N78-3450-3550--30-20-M-1-DFT-QPSK-Outer_Full-50@0-Ant1-17.852-19.440-≤20-PASS

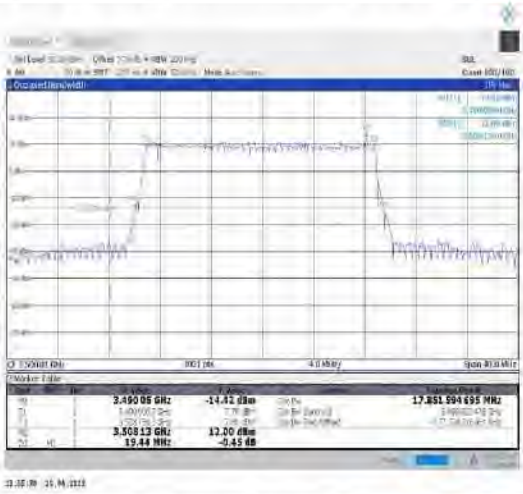
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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



1-N78-3450-3550--30-20-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-17.921-19.480-≤20-PASS

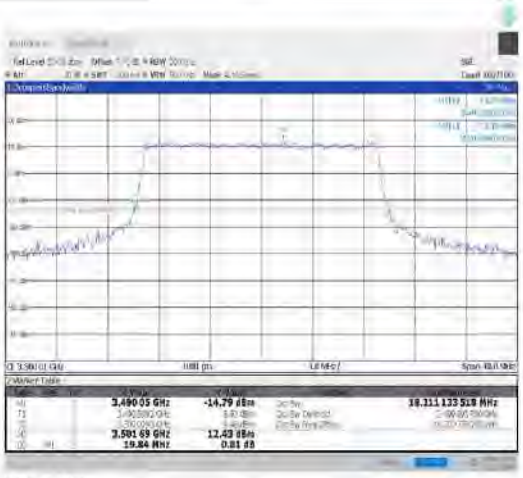
1-N78-3450-3550--30-20-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-17.767-18.640-≤20-PASS

1-N78-3450-3550--30-20-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-17.88-19.360-≤20-PASS

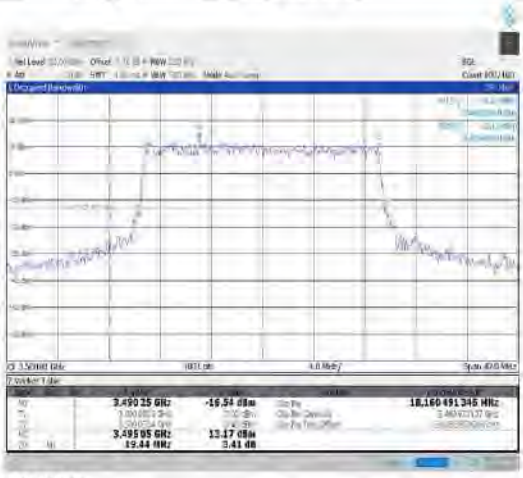


1-N78-3450-3550--30-20-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-17.852-19.440-≤20-PASS

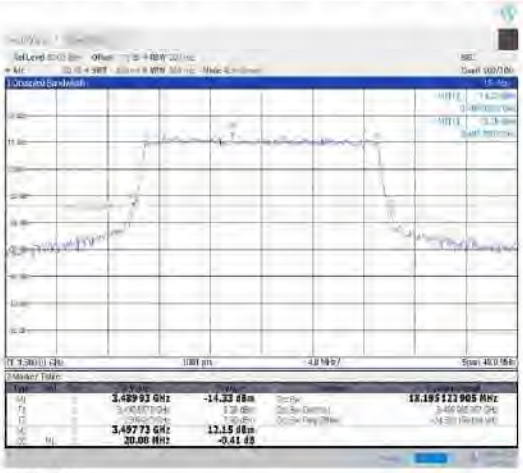
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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



1-N78-3450-3550--30-20-M-6-CP-QPSK-Outer_Full-51@0-Ant1-18.211-19.840-≤20-PASS



1-N78-3450-3550--30-20-M-7-CP-16QAM-Outer_Full-51@0-Ant1-18.16-19.440-≤20-PASS



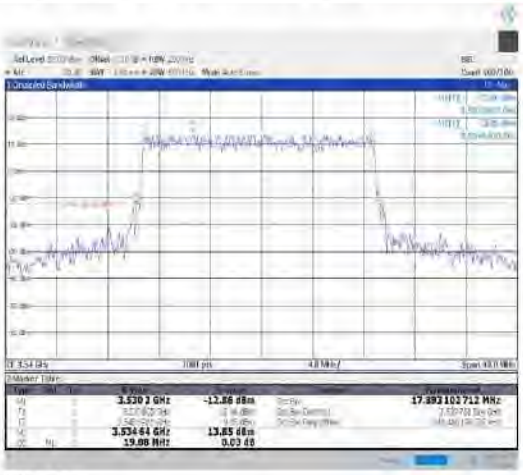
1-N78-3450-3550--30-20-M-8-CP-64QAM-Outer_Full-51@0-Ant1-18.195-20.080-≤20-PASS

1-N78-3450-3550--30-20-M-9-CP-256QAM-Outer_Full-51@0-Ant1-18.252-19.920-≤20-PASS

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

1-N78-3450-3550--30-20-H-1-DFT-QPSK-Outer_Full-50@0-Ant1-17.854-19.440-≤20-PASS

1-N78-3450-3550--30-20-H-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-17.844-18.720-≤20-PASS



1-N78-3450-3550--30-20-H-3-DFT-16QAM-Outer_Full-50@0-Ant1-17.893-19.080-≤20-PASS

1-N78-3450-3550--30-20-H-4-DFT-64QAM-Outer_Full-50@0-Ant1-17.878-19.400-≤20-PASS

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

1-N78-3450-3550--30-20-H-5-DFT-256QAM-Outer_Full-50@0-Ant1-17.801-19.120-≤20-PASS

1-N78-3450-3550--30-20-H-6-CP-QPSK-Outer_Full-51@0-Ant1-18.197-19.800-≤20-PASS

1-N78-3450-3550--30-20-H-7-CP-16QAM-Outer_Full-51@0-Ant1-18.158-19.000-≤20-PASS

1-N78-3450-3550--30-20-H-8-CP-64QAM-Outer_Full-51@0-Ant1-18.11-19.320-≤20-PASS

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

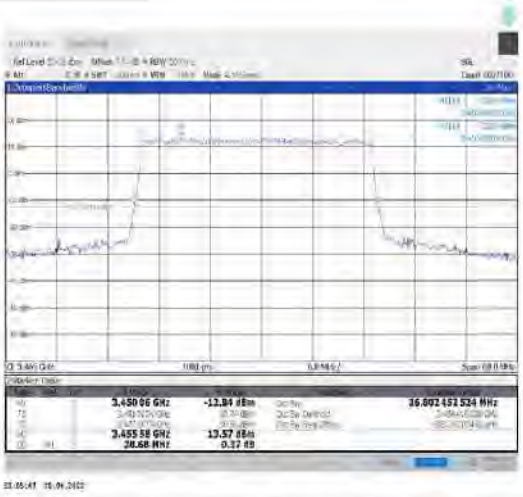
1-N78-3450-3550--30-20-H-9-CP-256QAM-Outer_Full-51@0-Ant1-18.223-19.760-≤20-PASS

1-N78-3450-3550--30-30-L-1-DFT-QPSK-Outer_Full-75@0-Ant1-26.798-28.740-≤30-PASS

1-N78-3450-3550--30-30-L-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-26.825-28.800-≤30-PASS

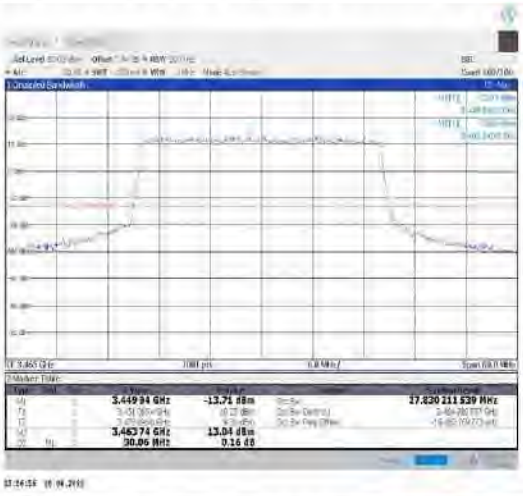
1-N78-3450-3550--30-30-L-3-DFT-16QAM-Outer_Full-75@0-Ant1-26.836-28.800-≤30-PASS

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



1-N78-3450-3550--30-30-L-4-DFT-64QAM-Outer_Full-75@0-Ant1-26.802-28.680-≤30-PASS

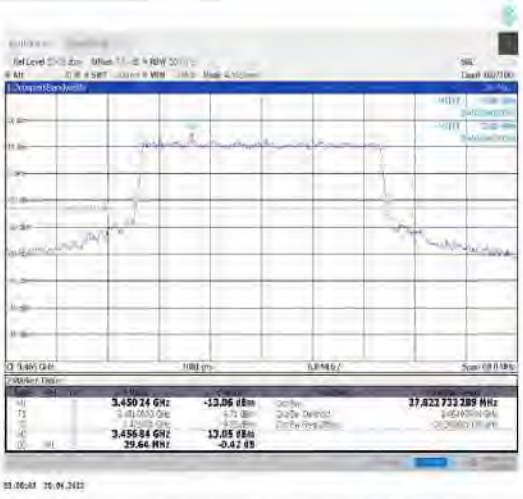
1-N78-3450-3550--30-30-L-5-DFT-256QAM-Outer_Full-75@0-Ant1-26.818-28.920-≤30-PASS



1-N78-3450-3550--30-30-L-6-CP-QPSK-Outer_Full-78@0-Ant1-27.83-30.060-≤30-PASS

1-N78-3450-3550--30-30-L-7-CP-16QAM-Outer_Full-78@0-Ant1-27.845-29.760-≤30-PASS

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



1-N78-3450-3550--30-30-L-8-CP-64QAM-Outer_Full-78@0-Ant1-27.823-29.640-≤30-PASS

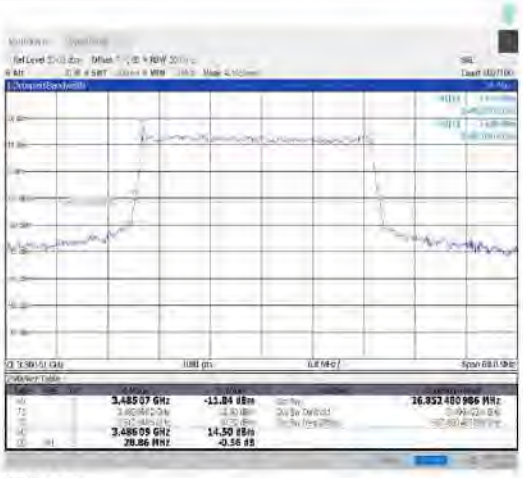
1-N78-3450-3550--30-30-L-9-CP-256QAM-Outer_Full-78@0-Ant1-27.849-29.700-≤30-PASS

1-N78-3450-3550--30-30-M-1-DFT-QPSK-Outer_Full-75@0-Ant1-26.807-28.740-≤30-PASS

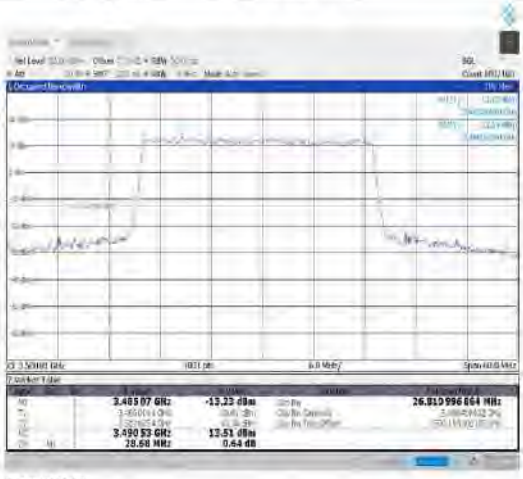
1-N78-3450-3550--30-30-M-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-26.838-28.860-≤30-PASS

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

No. 1 Workshop, No. 198 Kezhu Road, Scientific and Industrial Park, Guangzhou Economic and Technological Development District, Guangzhou, China 510663 t (86-20) 82155555 www.sgsgroup.com.cn
中国·广州·经济技术开发区科珠路198号1号厂房 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com



1-N78-3450-3550--30-30-M-3-DFT-16QAM-Outer_Full-75@0-Ant1-26.852-28.860-≤30-PASS

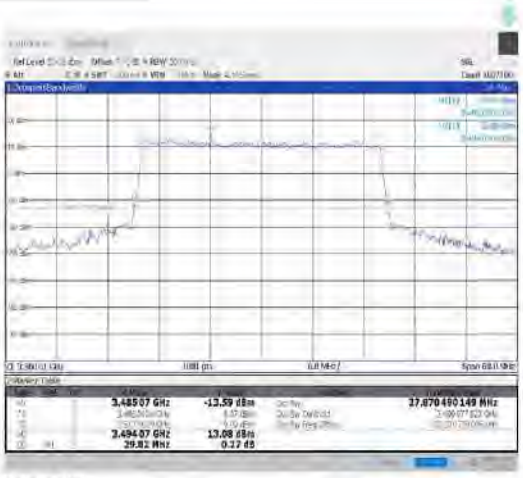


1-N78-3450-3550--30-30-M-4-DFT-64QAM-Outer_Full-75@0-Ant1-26.811-28.680-≤30-PASS

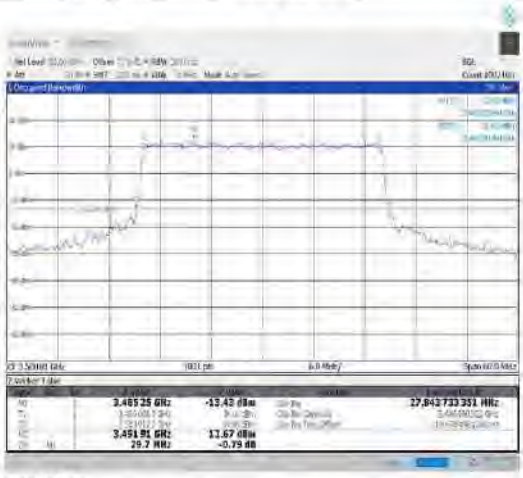
1-N78-3450-3550--30-30-M-5-DFT-256QAM-Outer_Full-75@0-Ant1-26.827-28.980-≤30-PASS

1-N78-3450-3550--30-30-M-6-CP-QPSK-Outer_Full-78@0-Ant1-27.853-30.120-≤30-PASS

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



1-N78-3450-3550--30-30-M-7-CP-16QAM-Outer_Full-78@0-Ant1-27.87-29.820-≤30-PASS

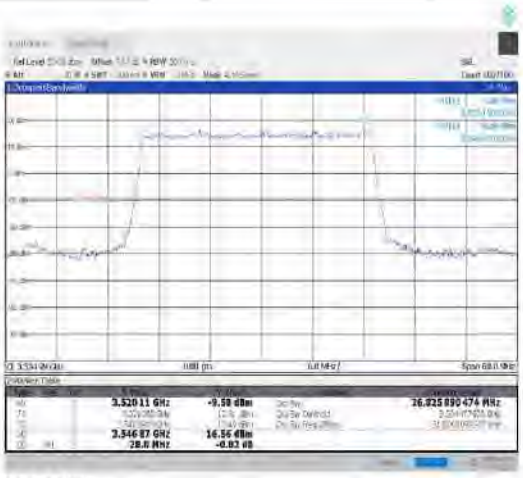


1-N78-3450-3550--30-30-M-8-CP-64QAM-Outer_Full-78@0-Ant1-27.844-29.700-≤30-PASS

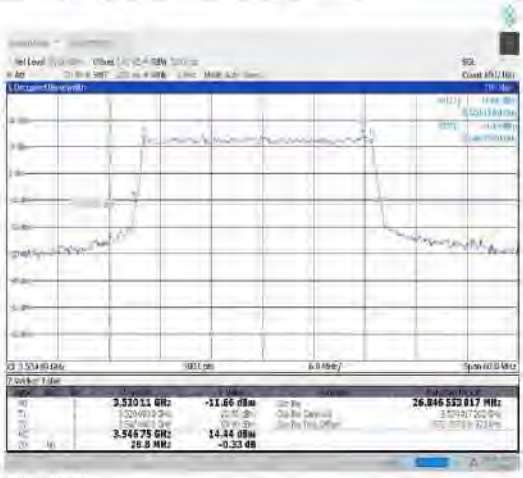
1-N78-3450-3550--30-30-M-9-CP-256QAM-Outer_Full-78@0-Ant1-27.873-29.820-≤30-PASS

1-N78-3450-3550--30-30-H-1-DFT-QPSK-Outer_Full-75@0-Ant1-26.795-28.740-≤30-PASS

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



1-N78-3450-3550--30-30-H-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-26.826-28.800-≤30-PASS

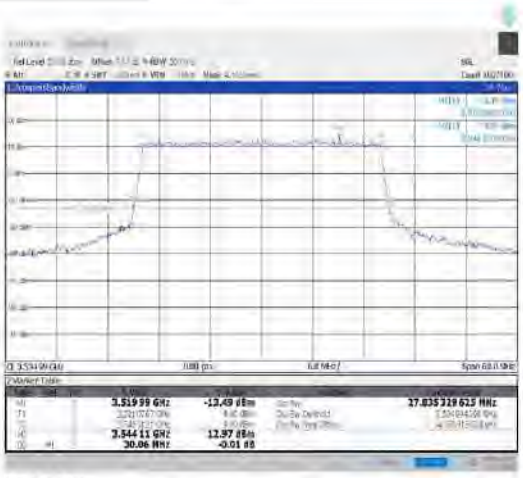


1-N78-3450-3550--30-30-H-3-DFT-16QAM-Outer_Full-75@0-Ant1-26.847-28.800-≤30-PASS

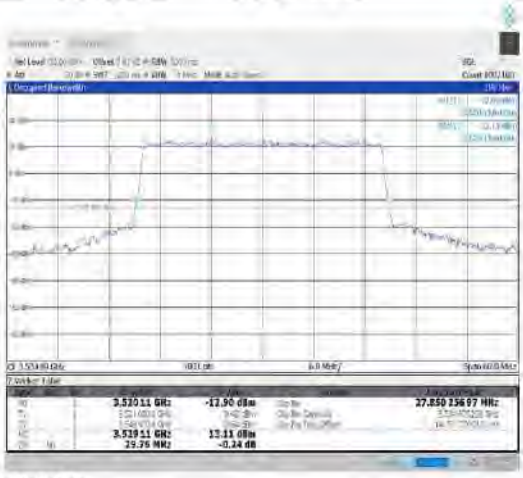
1-N78-3450-3550--30-30-H-4-DFT-64QAM-Outer_Full-75@0-Ant1-26.787-28.680-≤30-PASS

1-N78-3450-3550--30-30-H-5-DFT-256QAM-Outer_Full-75@0-Ant1-26.791-28.980-≤30-PASS

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



1-N78-3450-3550--30-30-H-6-CP-QPSK-Outer_Full-78@0-Ant1-27.835-30.060-≤30-PASS

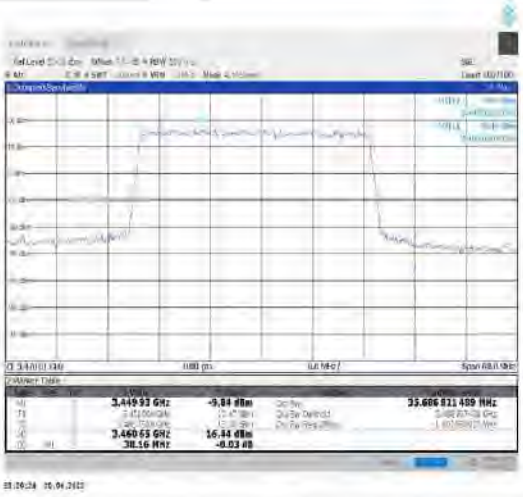


1-N78-3450-3550--30-30-H-7-CP-16QAM-Outer_Full-78@0-Ant1-27.85-29.760-≤30-PASS

1-N78-3450-3550--30-30-H-8-CP-64QAM-Outer_Full-78@0-Ant1-27.834-29.700-≤30-PASS

1-N78-3450-3550--30-30-H-9-CP-256QAM-Outer_Full-78@0-Ant1-27.838-29.760-≤30-PASS

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



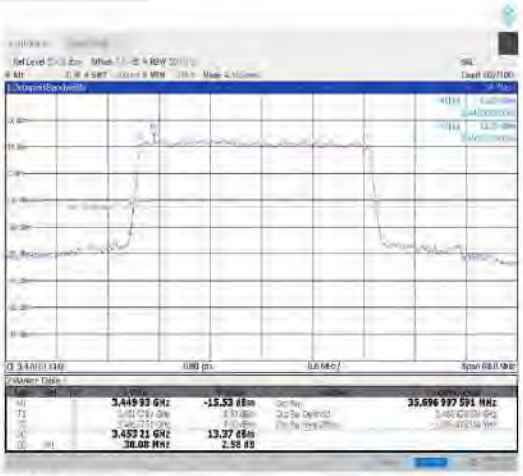
1-N78-3450-3550--30-40-L-1-DFT-QPSK-Outer_Full-100@0-Ant1-35.687-38.160-≤40-PASS

1-N78-3450-3550--30-40-L-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-35.747-38.080-≤40-PASS

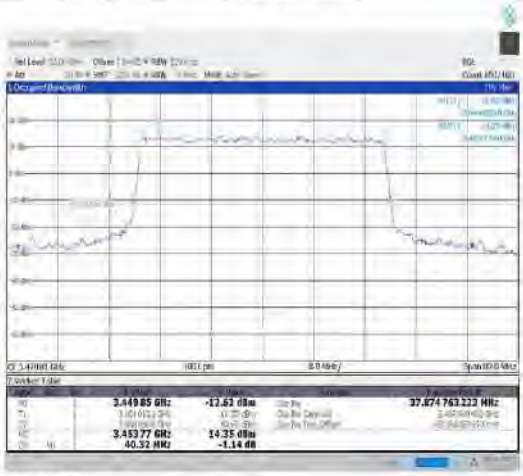
1-N78-3450-3550--30-40-L-3-DFT-16QAM-Outer_Full-100@0-Ant1-35.713-38.160-≤40-PASS

1-N78-3450-3550--30-40-L-4-DFT-64QAM-Outer_Full-100@0-Ant1-35.843-38.080-≤40-PASS

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



1-N78-3450-3550--30-40-L-5-DFT-256QAM-Outer_Full-100@0-Ant1-35.697-38.080-≤40-PASS

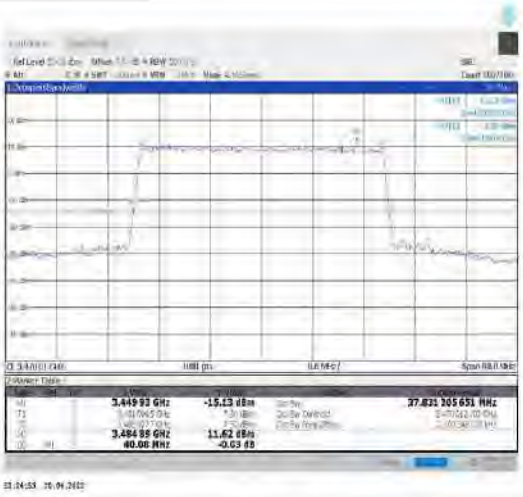


1-N78-3450-3550--30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant1-37.875-40.320-≤40-PASS

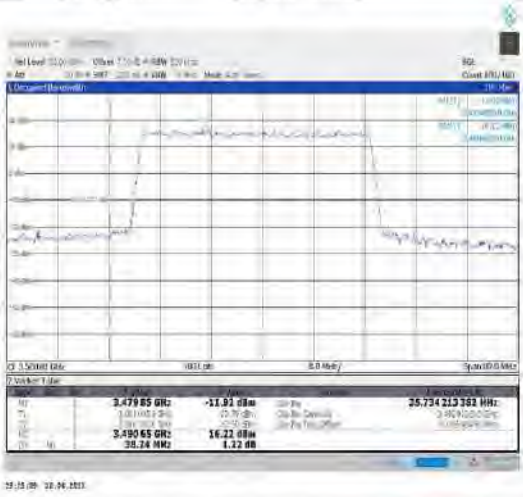
1-N78-3450-3550--30-40-L-7-CP-16QAM-Outer_Full-106@0-Ant1-37.819-40.320-≤40-PASS

1-N78-3450-3550--30-40-L-8-CP-64QAM-Outer_Full-106@0-Ant1-37.813-40.400-≤40-PASS

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



1-N78-3450-3550--30-40-L-9-CP-256QAM-Outer_Full-106@0-Ant1-37.831-40.080-≤40-PASS

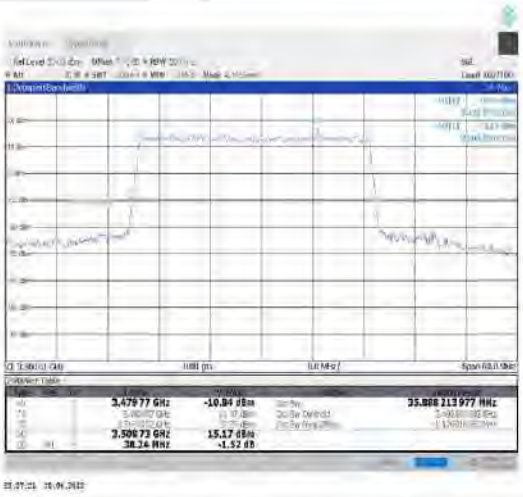


1-N78-3450-3550--30-40-M-1-DFT-QPSK-Outer_Full-100@0-Ant1-35.734-38.240-≤40-PASS

1-N78-3450-3550--30-40-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-35.835-38.080-≤40-PASS

1-N78-3450-3550--30-40-M-3-DFT-16QAM-Outer_Full-100@0-Ant1-35.761-38.240-≤40-PASS

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



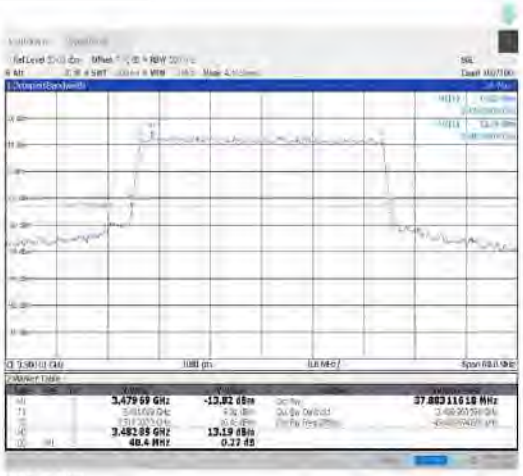
1-N78-3450-3550--30-40-M-4-DFT-64QAM-Outer_Full-100@0-Ant1-35.888-38.240-≤40-PASS

1-N78-3450-3550--30-40-M-5-DFT-256QAM-Outer_Full-100@0-Ant1-35.761-38.080-≤40-PASS

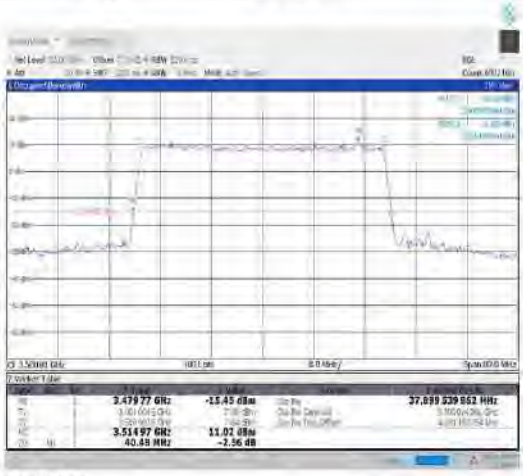
1-N78-3450-3550--30-40-M-6-CP-QPSK-Outer_Full-106@0-Ant1-37.975-40.400-≤40-PASS

1-N78-3450-3550--30-40-M-7-CP-16QAM-Outer_Full-106@0-Ant1-37.889-40.240-≤40-PASS

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



1-N78-3450-3550--30-40-M-8-CP-64QAM-Outer_Full-106@0-Ant1-37.883-40.400-≤40-PASS



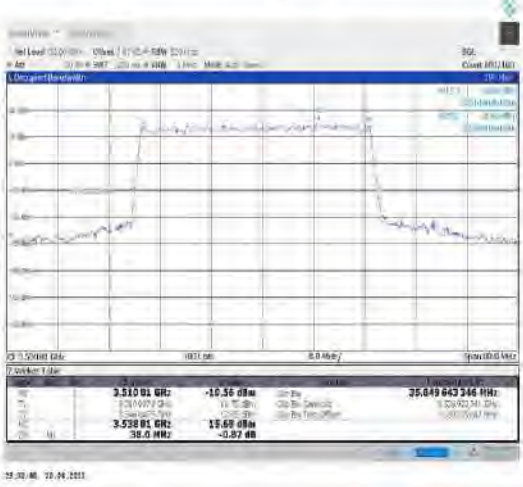
1-N78-3450-3550--30-40-M-9-CP-256QAM-Outer_Full-106@0-Ant1-37.9-40.480-≤40-PASS

1-N78-3450-3550--30-40-H-1-DFT-QPSK-Outer_Full-100@0-Ant1-35.707-38.240-≤40-PASS

1-N78-3450-3550--30-40-H-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-35.746-37.920-≤40-PASS

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

1-N78-3450-3550--30-40-H-3-DFT-16QAM-Outer_Full-100@0-Ant1-35.747-38.080-≤40-PASS

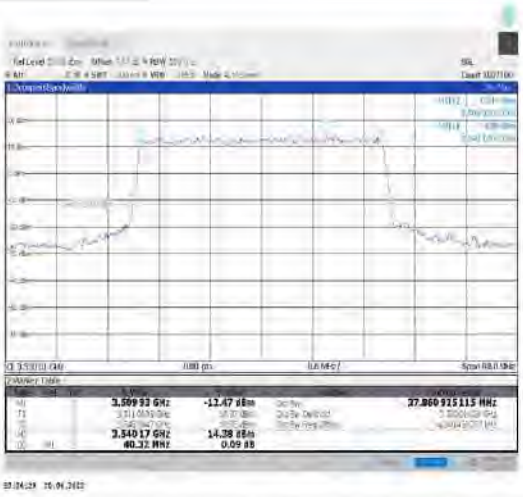


1-N78-3450-3550--30-40-H-4-DFT-64QAM-Outer_Full-100@0-Ant1-35.85-38.000-≤40-PASS

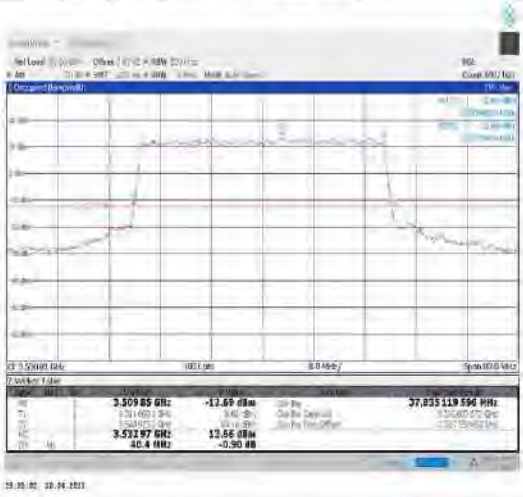
1-N78-3450-3550--30-40-H-5-DFT-256QAM-Outer_Full-100@0-Ant1-35.683-38.000-≤40-PASS

1-N78-3450-3550--30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant1-37.864-40.320-≤40-PASS

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



1-N78-3450-3550--30-40-H-7-CP-16QAM-Outer_Full-106@0-Ant1-37.861-40.320-≤40-PASS



1-N78-3450-3550--30-40-H-8-CP-64QAM-Outer_Full-106@0-Ant1-37.835-40.400-≤40-PASS

1-N78-3450-3550--30-40-H-9-CP-256QAM-Outer_Full-106@0-Ant1-37.849-40.240-≤40-PASS

1-N78-3450-3550--30-50-L-1-DFT-QPSK-Outer_Full-128@0-Ant1-45.848-47.600-≤50-PASS

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

1-N78-3450-3550--30-50-L-2-DFT-PI2BPSK-Outer_Full-128@0-Ant1-45.638-47.500-≤50-PASS

1-N78-3450-3550--30-50-L-3-DFT-16QAM-Outer_Full-128@0-Ant1-45.776-47.600-≤50-PASS

1-N78-3450-3550--30-50-L-4-DFT-64QAM-Outer_Full-128@0-Ant1-45.622-47.400-≤50-PASS

1-N78-3450-3550--30-50-L-5-DFT-256QAM-Outer_Full-128@0-Ant1-45.687-47.500-≤50-PASS

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

No. 3 Floor, No.1, Ruisheng 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工业园区瑞盛路1号3层 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com