



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 28 of 240

N41	30	80	CP-256QAM	H	Inner_1RB_Left	19.01	18.73	21.94	22.72	PASS
N41	30	80	CP-256QAM	H	Inner_1RB_Right	19.39	19.48	22.5	23.28	PASS
N41	30	80	CP-256QAM	H	Outer_Full	19.22	18.93	22.14	22.92	PASS
N41	30	90	DFT-PI2BPSK	L	Inner_1RB_Left	26.21	26.04	29.14	29.92	PASS
N41	30	90	DFT-PI2BPSK	L	Inner_1RB_Right	26.18	25.99	29.1	29.88	PASS
N41	30	90	DFT-PI2BPSK	L	Outer_Full	24.46	24.29	27.39	28.17	PASS
N41	30	90	DFT-QPSK	L	Inner_1RB_Left	26.04	25.95	29.01	29.79	PASS
N41	30	90	DFT-QPSK	L	Inner_1RB_Right	26.25	26.33	29.3	30.08	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	24.68	24.9	27.8	28.58	PASS
N41	30	90	DFT-16QAM	L	Inner_1RB_Left	25.59	25.58	28.6	29.38	PASS
N41	30	90	DFT-16QAM	L	Inner_1RB_Right	25.58	25.84	28.72	29.5	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	24.76	24.86	27.82	28.6	PASS
N41	30	90	DFT-64QAM	L	Inner_1RB_Left	24.07	24.11	27.1	27.88	PASS
N41	30	90	DFT-64QAM	L	Inner_1RB_Right	24.3	24.44	27.38	28.16	PASS
N41	30	90	DFT-64QAM	L	Outer_Full	24.3	24.45	27.39	28.17	PASS
N41	30	90	DFT-256QAM	L	Inner_1RB_Left	21.18	21.22	24.21	24.99	PASS
N41	30	90	DFT-256QAM	L	Inner_1RB_Right	21.29	21.48	24.4	25.18	PASS
N41	30	90	DFT-256QAM	L	Outer_Full	21.17	21.38	24.29	25.07	PASS
N41	30	90	CP-QPSK	L	Inner_1RB_Left	23.98	24.19	27.15	27.93	PASS
N41	30	90	CP-QPSK	L	Inner_1RB_Right	24.35	24.47	27.48	28.26	PASS
N41	30	90	CP-QPSK	L	Outer_Full	22.88	22.69	25.85	26.63	PASS
N41	30	90	CP-16QAM	L	Inner_1RB_Left	23.65	23.65	26.72	27.5	PASS
N41	30	90	CP-16QAM	L	Inner_1RB_Right	23.77	23.91	26.91	27.69	PASS
N41	30	90	CP-16QAM	L	Outer_Full	22.9	22.71	25.87	26.65	PASS
N41	30	90	CP-64QAM	L	Inner_1RB_Left	21.95	22.14	25.11	25.89	PASS
N41	30	90	CP-64QAM	L	Inner_1RB_Right	22.36	22.41	25.45	26.23	PASS
N41	30	90	CP-64QAM	L	Outer_Full	22.39	22.21	25.37	26.15	PASS
N41	30	90	CP-256QAM	L	Inner_1RB_Left	19.09	19.25	22.24	23.02	PASS
N41	30	90	CP-256QAM	L	Inner_1RB_Right	19.43	19.41	22.49	23.27	PASS
N41	30	90	CP-256QAM	L	Outer_Full	19.4	19.23	22.38	23.16	PASS
N41	30	90	DFT-PI2BPSK	M	Inner_1RB_Left	26.12	25.95	29.05	29.83	PASS
N41	30	90	DFT-PI2BPSK	M	Inner_1RB_Right	26.28	26.09	29.2	29.98	PASS
N41	30	90	DFT-PI2BPSK	M	Outer_Full	24.31	24.14	27.24	28.02	PASS
N41	30	90	DFT-QPSK	M	Inner_1RB_Left	26.17	26.08	29.14	29.92	PASS
N41	30	90	DFT-QPSK	M	Inner_1RB_Right	26.29	26.37	29.34	30.12	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	24.62	24.84	27.74	28.52	PASS
N41	30	90	DFT-16QAM	M	Inner_1RB_Left	25.68	25.67	28.69	29.47	PASS
N41	30	90	DFT-16QAM	M	Inner_1RB_Right	25.6	25.86	28.74	29.52	PASS



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

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

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

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

N41	30	90	DFT-16QAM	M	Outer_Full	24.71	24.81	27.77	28.55	PASS
N41	30	90	DFT-64QAM	M	Inner_1RB_Left	24.11	24.15	27.14	27.92	PASS
N41	30	90	DFT-64QAM	M	Inner_1RB_Right	24.16	24.3	27.24	28.02	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	24.18	24.33	27.27	28.05	PASS
N41	30	90	DFT-256QAM	M	Inner_1RB_Left	21.02	21.06	24.05	24.83	PASS
N41	30	90	DFT-256QAM	M	Inner_1RB_Right	21.2	21.39	24.31	25.09	PASS
N41	30	90	DFT-256QAM	M	Outer_Full	21.32	21.53	24.44	25.22	PASS
N41	30	90	CP-QPSK	M	Inner_1RB_Left	24.49	24.4	27.51	28.29	PASS
N41	30	90	CP-QPSK	M	Inner_1RB_Right	24.09	23.91	27.07	27.85	PASS
N41	30	90	CP-QPSK	M	Outer_Full	22.98	22.54	25.83	26.61	PASS
N41	30	90	CP-16QAM	M	Inner_1RB_Left	24.07	23.95	27.08	27.86	PASS
N41	30	90	CP-16QAM	M	Inner_1RB_Right	23.53	23.35	26.51	27.29	PASS
N41	30	90	CP-16QAM	M	Outer_Full	22.94	22.57	25.82	26.6	PASS
N41	30	90	CP-64QAM	M	Inner_1RB_Left	22.48	22.37	25.49	26.27	PASS
N41	30	90	CP-64QAM	M	Inner_1RB_Right	22.14	22.01	25.14	25.92	PASS
N41	30	90	CP-64QAM	M	Outer_Full	22.49	22.1	25.36	26.14	PASS
N41	30	90	CP-256QAM	M	Inner_1RB_Left	19.67	19.3	22.55	23.33	PASS
N41	30	90	CP-256QAM	M	Inner_1RB_Right	19.16	18.76	22.03	22.81	PASS
N41	30	90	CP-256QAM	M	Outer_Full	19.5	19.06	22.35	23.13	PASS
N41	30	90	DFT-PI2BPSK	H	Inner_1RB_Left	26.08	25.91	29.01	29.79	PASS
N41	30	90	DFT-PI2BPSK	H	Inner_1RB_Right	26.33	26.14	29.25	30.03	PASS
N41	30	90	DFT-PI2BPSK	H	Outer_Full	24.47	24.3	27.4	28.18	PASS
N41	30	90	DFT-QPSK	H	Inner_1RB_Left	26.13	26.04	29.1	29.88	PASS
N41	30	90	DFT-QPSK	H	Inner_1RB_Right	26.26	26.34	29.31	30.09	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	24.62	24.84	27.74	28.52	PASS
N41	30	90	DFT-16QAM	H	Inner_1RB_Left	25.56	25.55	28.57	29.35	PASS
N41	30	90	DFT-16QAM	H	Inner_1RB_Right	25.55	25.81	28.69	29.47	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	24.8	24.9	27.86	28.64	PASS
N41	30	90	DFT-64QAM	H	Inner_1RB_Left	23.99	24.03	27.02	27.8	PASS
N41	30	90	DFT-64QAM	H	Inner_1RB_Right	24.22	24.36	27.3	28.08	PASS
N41	30	90	DFT-64QAM	H	Outer_Full	24.27	24.42	27.36	28.14	PASS
N41	30	90	DFT-256QAM	H	Inner_1RB_Left	21.08	21.12	24.11	24.89	PASS
N41	30	90	DFT-256QAM	H	Inner_1RB_Right	21.3	21.49	24.41	25.19	PASS
N41	30	90	DFT-256QAM	H	Outer_Full	21.24	21.45	24.36	25.14	PASS
N41	30	90	CP-QPSK	H	Inner_1RB_Left	24.23	23.64	27.01	27.79	PASS
N41	30	90	CP-QPSK	H	Inner_1RB_Right	24.46	24.36	27.48	28.26	PASS
N41	30	90	CP-QPSK	H	Outer_Full	22.68	22.28	25.55	26.33	PASS
N41	30	90	CP-16QAM	H	Inner_1RB_Left	23.66	23.22	26.51	27.29	PASS



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

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

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

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



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 30 of 240

N41	30	90	CP-16QAM	H	Inner_1RB_Right	23.87	24.01	27.01	27.79	PASS
N41	30	90	CP-16QAM	H	Outer_Full	22.68	22.36	25.59	26.37	PASS
N41	30	90	CP-64QAM	H	Inner_1RB_Left	22.18	21.67	25	25.78	PASS
N41	30	90	CP-64QAM	H	Inner_1RB_Right	22.45	22.47	25.53	26.31	PASS
N41	30	90	CP-64QAM	H	Outer_Full	22.17	21.82	25.06	25.84	PASS
N41	30	90	CP-256QAM	H	Inner_1RB_Left	19.19	18.67	22	22.78	PASS
N41	30	90	CP-256QAM	H	Inner_1RB_Right	19.48	19.45	22.53	23.31	PASS
N41	30	90	CP-256QAM	H	Outer_Full	19.15	18.87	22.08	22.86	PASS
N41	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	26.19	26.02	29.12	29.9	PASS
N41	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	26.15	25.96	29.07	29.85	PASS
N41	30	100	DFT-PI2BPSK	L	Outer_Full	24.28	24.11	27.21	27.99	PASS
N41	30	100	DFT-QPSK	L	Inner_1RB_Left	26.18	26.09	29.15	29.93	PASS
N41	30	100	DFT-QPSK	L	Inner_1RB_Right	26.26	26.34	29.31	30.09	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	24.61	24.83	27.73	28.51	PASS
N41	30	100	DFT-16QAM	L	Inner_1RB_Left	25.58	25.57	28.59	29.37	PASS
N41	30	100	DFT-16QAM	L	Inner_1RB_Right	25.67	25.93	28.81	29.59	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	24.64	24.74	27.7	28.48	PASS
N41	30	100	DFT-64QAM	L	Inner_1RB_Left	24.04	24.08	27.07	27.85	PASS
N41	30	100	DFT-64QAM	L	Inner_1RB_Right	24.21	24.35	27.29	28.07	PASS
N41	30	100	DFT-64QAM	L	Outer_Full	24.28	24.43	27.37	28.15	PASS
N41	30	100	DFT-256QAM	L	Inner_1RB_Left	21.22	21.26	24.25	25.03	PASS
N41	30	100	DFT-256QAM	L	Inner_1RB_Right	21.36	21.55	24.47	25.25	PASS
N41	30	100	DFT-256QAM	L	Outer_Full	21.16	21.37	24.28	25.06	PASS
N41	30	100	CP-QPSK	L	Inner_1RB_Left	23.98	24.08	27.1	27.88	PASS
N41	30	100	CP-QPSK	L	Inner_1RB_Right	24.42	24.23	27.39	28.17	PASS
N41	30	100	CP-QPSK	L	Outer_Full	22.82	22.76	25.86	26.64	PASS
N41	30	100	CP-16QAM	L	Inner_1RB_Left	23.55	23.67	26.68	27.46	PASS
N41	30	100	CP-16QAM	L	Inner_1RB_Right	23.83	23.76	26.86	27.64	PASS
N41	30	100	CP-16QAM	L	Outer_Full	22.82	22.77	25.86	26.64	PASS
N41	30	100	CP-64QAM	L	Inner_1RB_Left	21.97	22.23	25.17	25.95	PASS
N41	30	100	CP-64QAM	L	Inner_1RB_Right	22.4	22.31	25.42	26.2	PASS
N41	30	100	CP-64QAM	L	Outer_Full	22.32	22.21	25.33	26.11	PASS
N41	30	100	CP-256QAM	L	Inner_1RB_Left	19.01	19.28	22.21	22.99	PASS
N41	30	100	CP-256QAM	L	Inner_1RB_Right	19.46	19.35	22.47	23.25	PASS
N41	30	100	CP-256QAM	L	Outer_Full	19.32	19.24	22.35	23.13	PASS
N41	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	26.28	26.11	29.21	29.99	PASS
N41	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	26.12	25.93	29.04	29.82	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	24.41	24.24	27.34	28.12	PASS



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

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

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

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



Table with 11 columns: Item No., Sample No., Lot No., Modulation, Constellation, Position, and 5 test results (Pass/Fail values).



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

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

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

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



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 32 of 240

N41	30	100	DFT-256QAM	H	Outer_Full	21.23	21.44	24.35	25.13	PASS
N41	30	100	CP-QPSK	H	Inner_1RB_Left	24.3	24.1	27.27	28.05	PASS
N41	30	100	CP-QPSK	H	Inner_1RB_Right	24.48	24.66	27.64	28.42	PASS
N41	30	100	CP-QPSK	H	Outer_Full	22.81	22.39	25.67	26.45	PASS
N41	30	100	CP-16QAM	H	Inner_1RB_Left	23.87	23.58	26.79	27.57	PASS
N41	30	100	CP-16QAM	H	Inner_1RB_Right	24.07	24.08	27.14	27.92	PASS
N41	30	100	CP-16QAM	H	Outer_Full	22.79	22.44	25.68	26.46	PASS
N41	30	100	CP-64QAM	H	Inner_1RB_Left	22.32	22.08	25.27	26.05	PASS
N41	30	100	CP-64QAM	H	Inner_1RB_Right	22.54	22.59	25.63	26.41	PASS
N41	30	100	CP-64QAM	H	Outer_Full	22.29	21.91	25.17	25.95	PASS
N41	30	100	CP-256QAM	H	Inner_1RB_Left	19.4	19.08	22.31	23.09	PASS
N41	30	100	CP-256QAM	H	Inner_1RB_Right	19.58	19.58	22.65	23.43	PASS
N41	30	100	CP-256QAM	H	Outer_Full	19.33	18.93	22.2	22.98	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N41	30	100	DFT-256QAM	L	Outer_Full	9.99	≤13	PASS
N41	30	100	CP-256QAM	L	Outer_Full	9.63	≤13	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	9.72	≤13	PASS
N41	30	100	CP-256QAM	M	Outer_Full	10.12	≤13	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	9.92	≤13	PASS
N41	30	100	CP-256QAM	H	Outer_Full	10.34	≤13	PASS

Test Result for MIMO

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N41	30	100	DFT-256QAM	L	Outer_Full	19.56%	7.09	2.45	≤13	PASS
N41	30	100	CP-256QAM	L	Outer_Full	19.56%	7.09	2.80	≤13	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	19.56%	7.09	2.52	≤13	PASS
N41	30	100	CP-256QAM	M	Outer_Full	19.56%	7.09	2.45	≤13	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	19.56%	7.09	2.74	≤13	PASS
N41	30	100	CP-256QAM	H	Outer_Full	19.56%	7.09	2.87	≤13	PASS



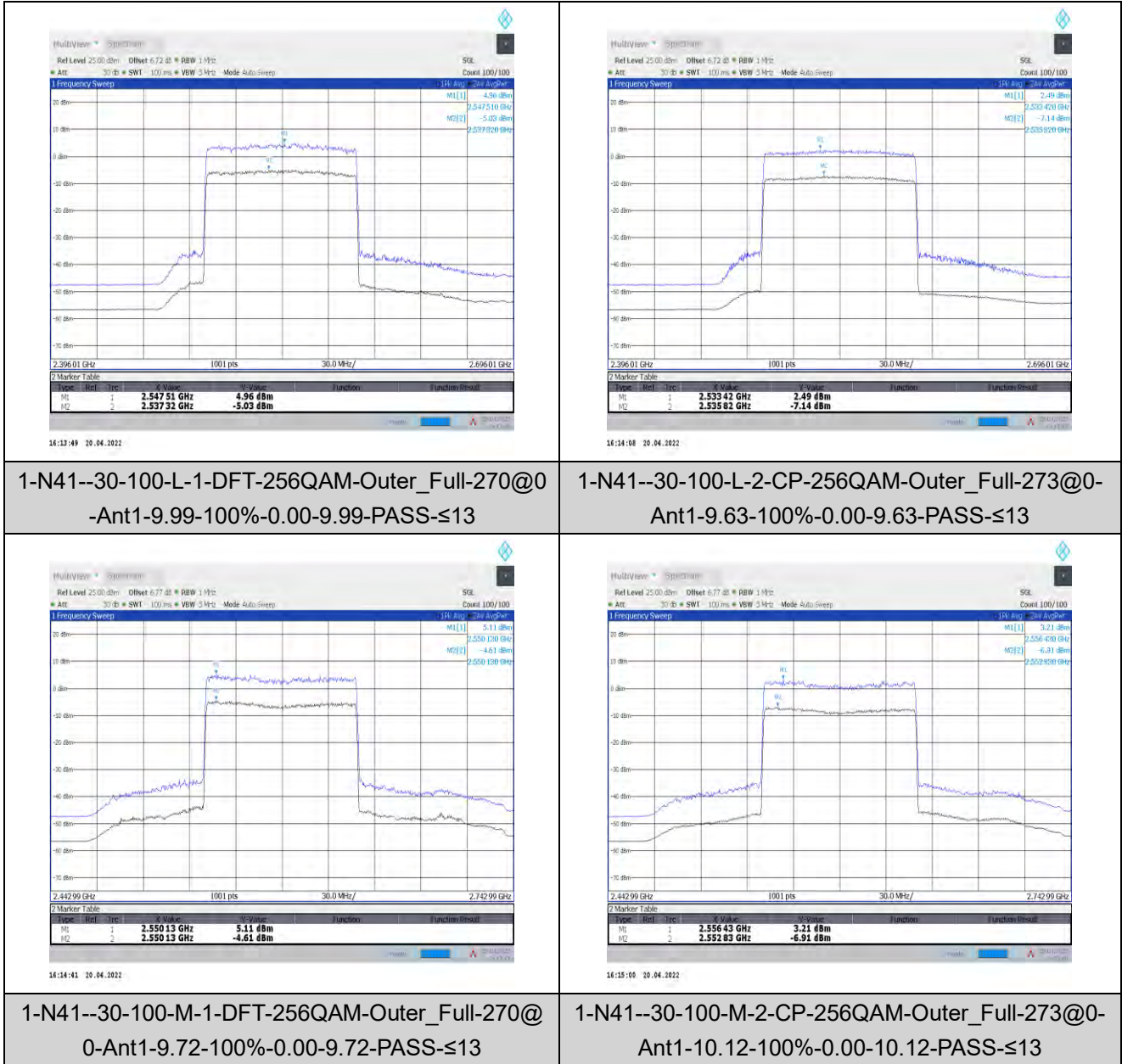
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

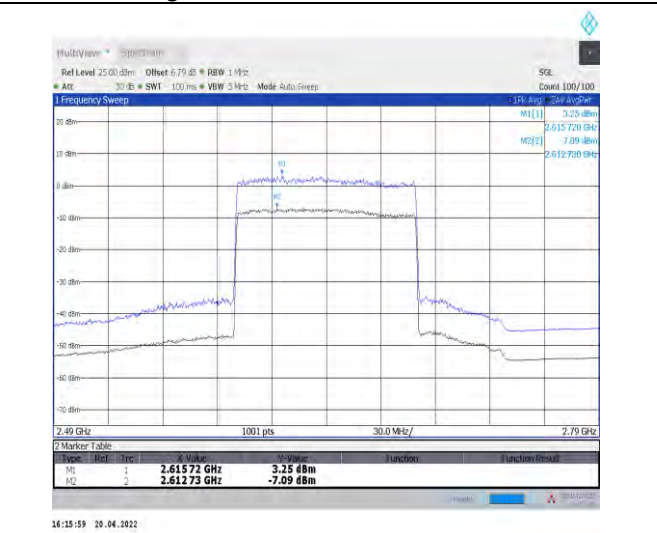
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Test Graphs



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

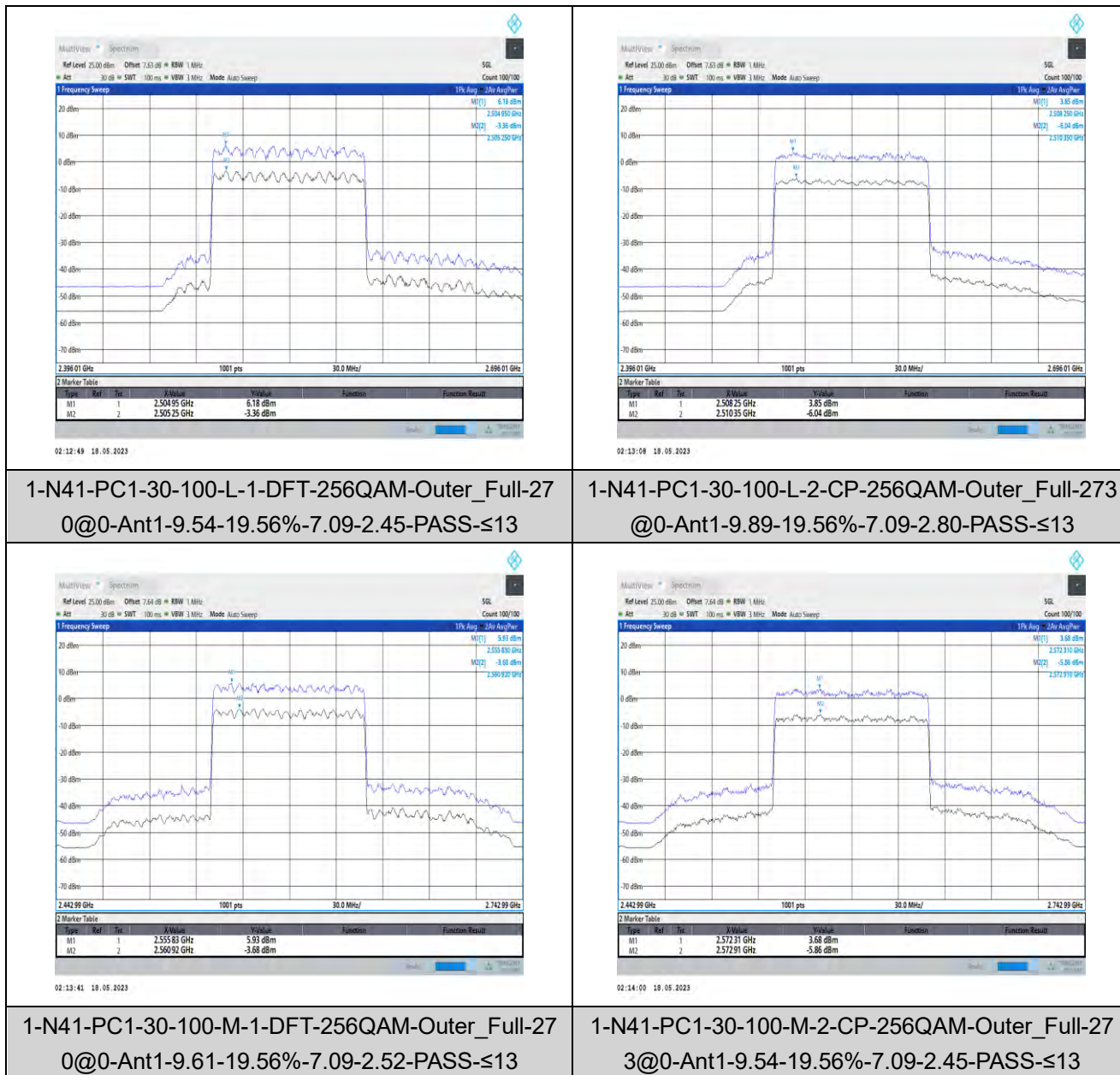


1-N41--30-100-H-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.92-100%-0.00-9.92-PASS- ≤ 13

1-N41--30-100-H-2-CP-256QAM-Outer_Full-273@0-Ant1-10.34-100%-0.00-10.34-PASS- ≤ 13



Test Graphs for MIMO



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

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

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



1-N41-PC1-30-100-H-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.83-19.56%-7.09-2.74-PASS-≤13

1-N41-PC1-30-100-H-2-CP-256QAM-Outer_Full-273@0-Ant1-9.96-19.56%-7.09-2.87-PASS-≤13



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Modulation characteristics for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	see graph	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	see graph	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	see graph	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	see graph	PASS
N41	30	100	CP-QPSK	M	Outer_Full	see graph	PASS
N41	30	100	CP-16QAM	M	Outer_Full	see graph	PASS
N41	30	100	CP-64QAM	M	Outer_Full	see graph	PASS
N41	30	100	CP-256QAM	M	Outer_Full	see graph	PASS

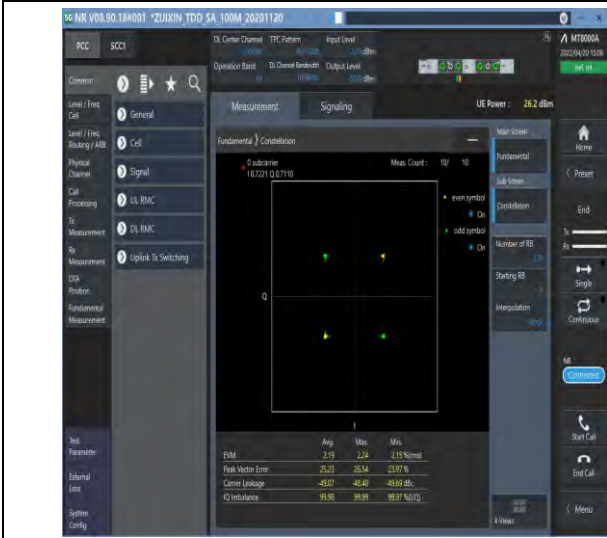


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

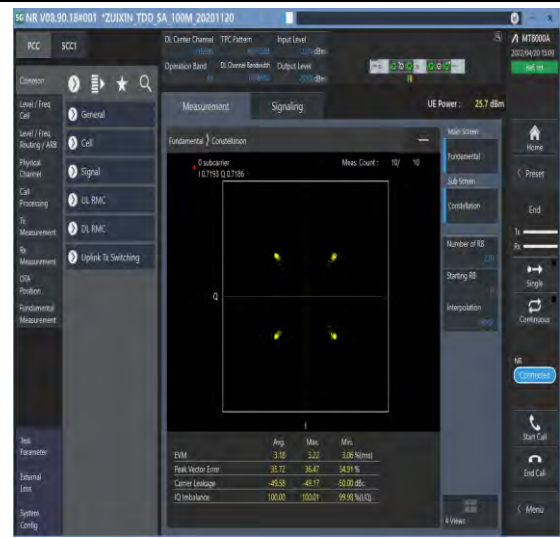
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

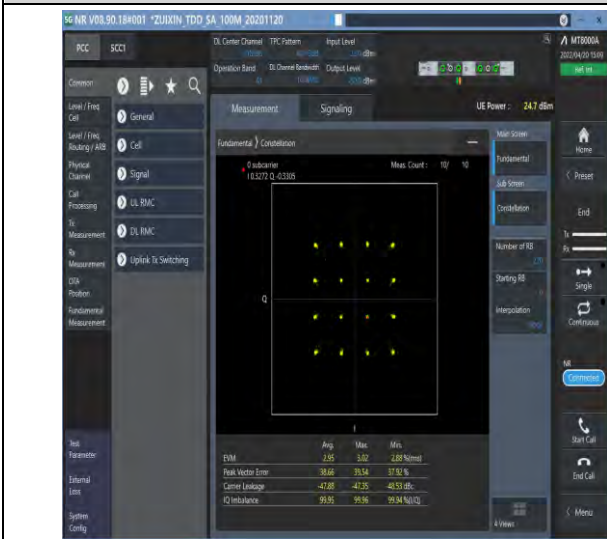
Test Graphs



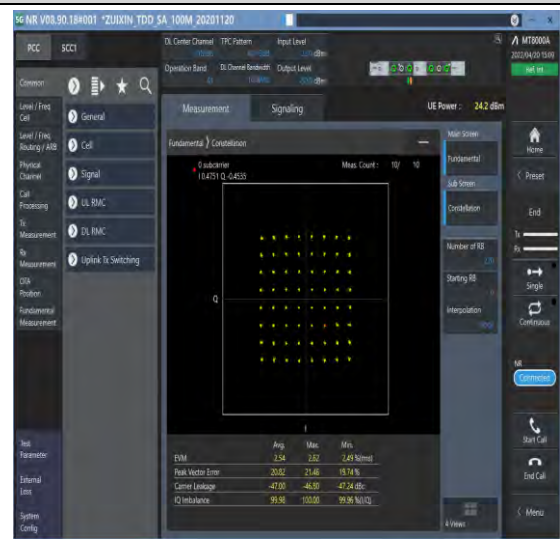
1-N41--30-100-M-1-DFT-PI2BPSK-Outer_Full-270@0
 -Ant1-see graph-PASS



1-N41--30-100-M-2-DFT-QPSK-Outer_Full-270@0-
 Ant1-see graph-PASS



1-N41--30-100-M-3-DFT-16QAM-Outer_Full-270@0-
 Ant1-see graph-PASS

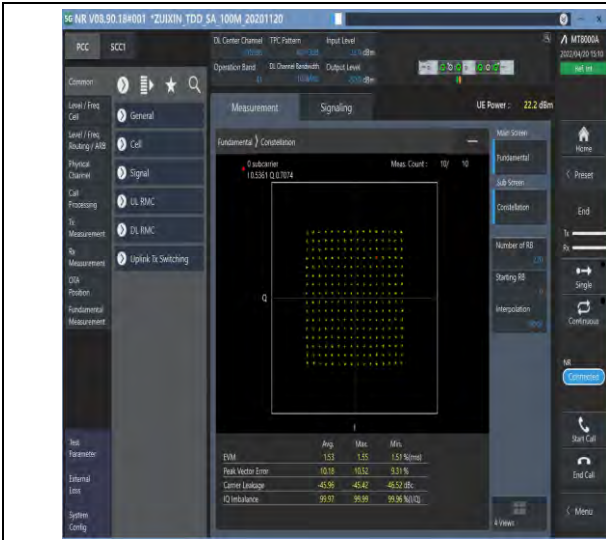


1-N41--30-100-M-4-DFT-64QAM-Outer_Full-270@0
 -Ant1-see graph-PASS

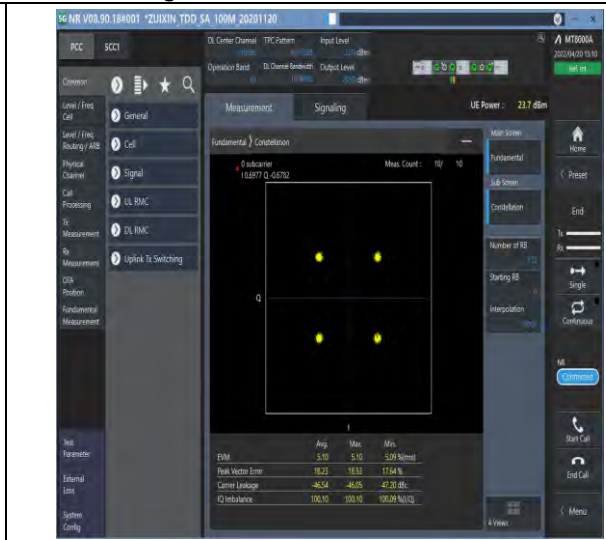


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

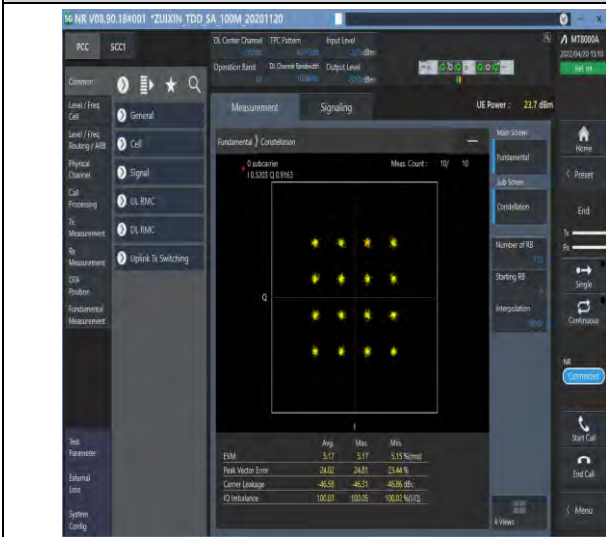
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



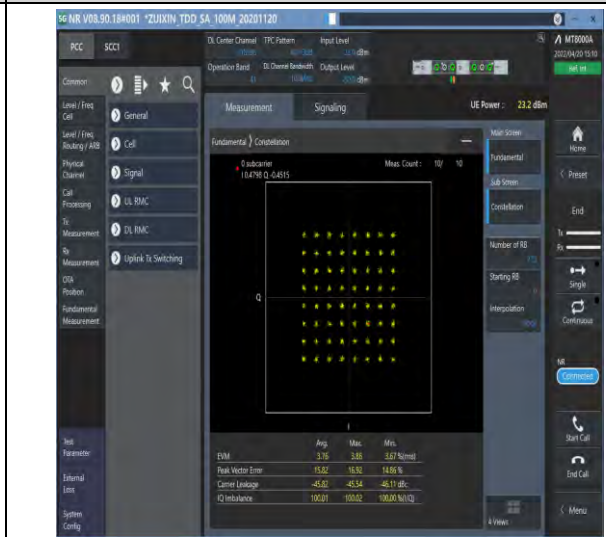
1-N41--30-100-M-5-DFT-256QAM-Outer_Full-270@0-Ant1-see graph-PASS



1-N41--30-100-M-6-CP-QPSK-Outer_Full-273@0-Ant1-see graph-PASS



1-N41--30-100-M-7-CP-16QAM-Outer_Full-273@0-Ant1-see graph-PASS



1-N41--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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

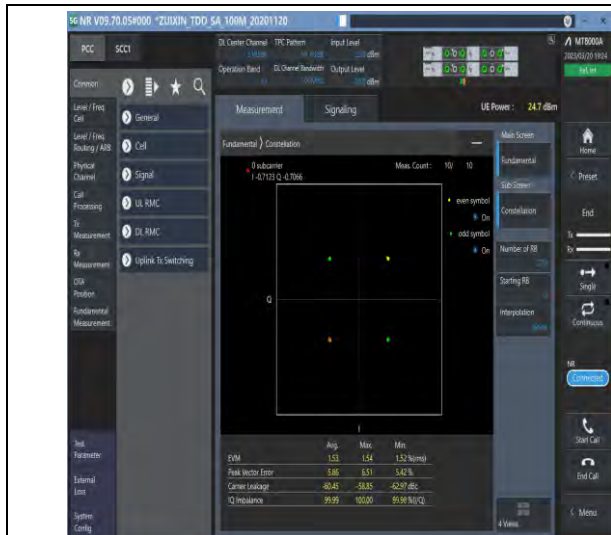
South of No. 6 Plant, No. 1, Punsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南座 邮编: 215000

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

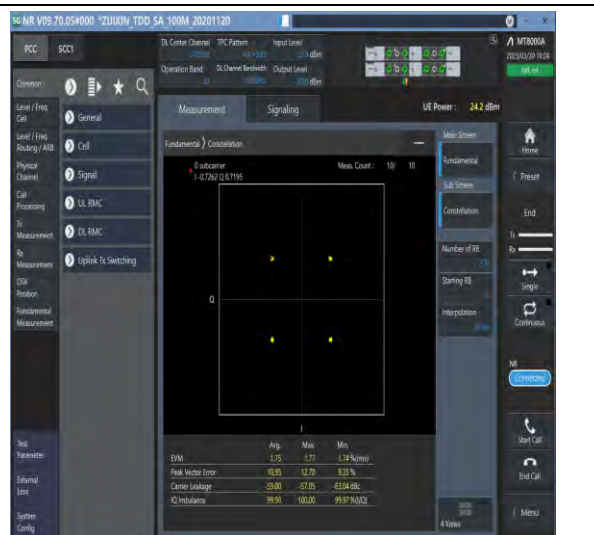
<p>The screenshot shows a mobile application interface for signal measurement. The main display area shows a constellation diagram with a grid of points. Below the diagram, there is a table of test results:</p> <table border="1"> <thead> <tr> <th></th> <th>Avg</th> <th>Max</th> <th>Min</th> </tr> </thead> <tbody> <tr> <td>EVM</td> <td>1.61</td> <td>1.68</td> <td>1.53 (Std)</td> </tr> <tr> <td>Peak Vector Error</td> <td>5.39</td> <td>5.86</td> <td>5.11 %</td> </tr> <tr> <td>Carrier Leakage</td> <td>-45.80</td> <td>-45.54</td> <td>-46.51 dBc</td> </tr> <tr> <td>IQ Imbalance</td> <td>100.02</td> <td>100.00</td> <td>100.00 %/IQ</td> </tr> </tbody> </table>		Avg	Max	Min	EVM	1.61	1.68	1.53 (Std)	Peak Vector Error	5.39	5.86	5.11 %	Carrier Leakage	-45.80	-45.54	-46.51 dBc	IQ Imbalance	100.02	100.00	100.00 %/IQ	
	Avg	Max	Min																		
EVM	1.61	1.68	1.53 (Std)																		
Peak Vector Error	5.39	5.86	5.11 %																		
Carrier Leakage	-45.80	-45.54	-46.51 dBc																		
IQ Imbalance	100.02	100.00	100.00 %/IQ																		
<p>1-N41--30-100-M-9-CP-256QAM-Outer_Full-273@0-Ant1-see graph-PASS</p>																					



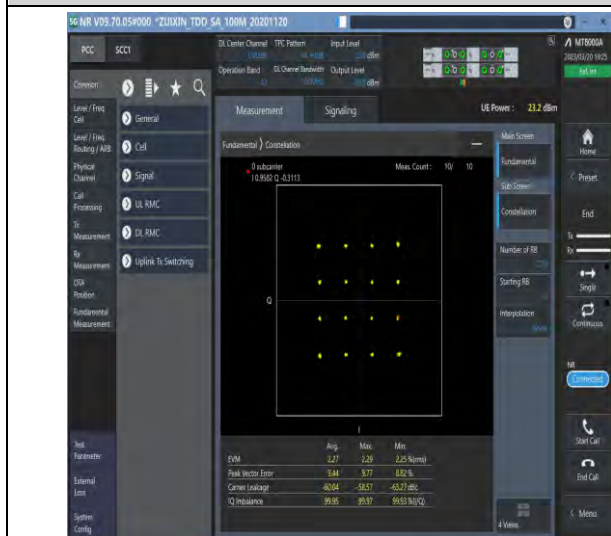
Test Graphs for MIMO



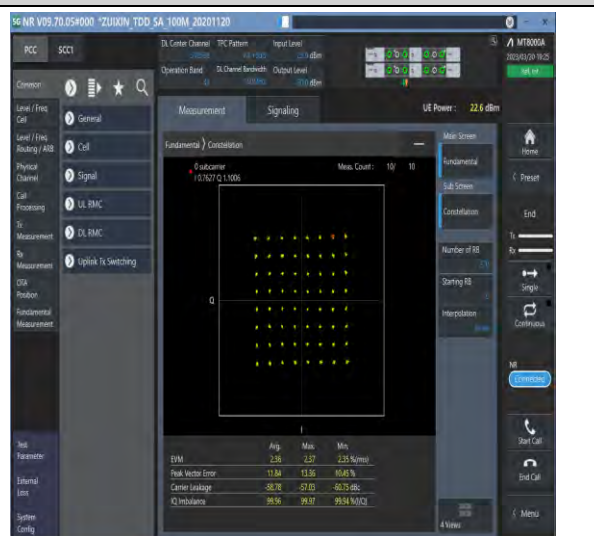
1-N41-30-100-M-1-DFT-PI2BPSK-Outer_Full-270@0-A
 Ant1-see graph-PASS



1-N41-30-100-M-2-DFT-QPSK-Outer_Full-270@0-A
 Ant1-see graph-PASS



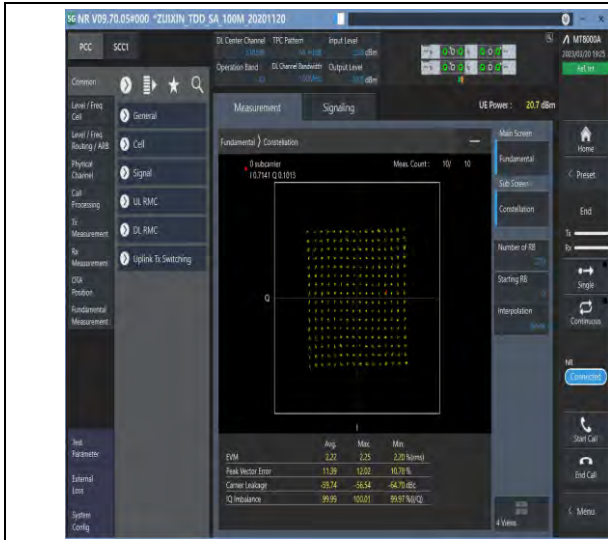
1-N41-30-100-M-3-DFT-16QAM-Outer_Full-270@0-A
 Ant1-see graph-PASS



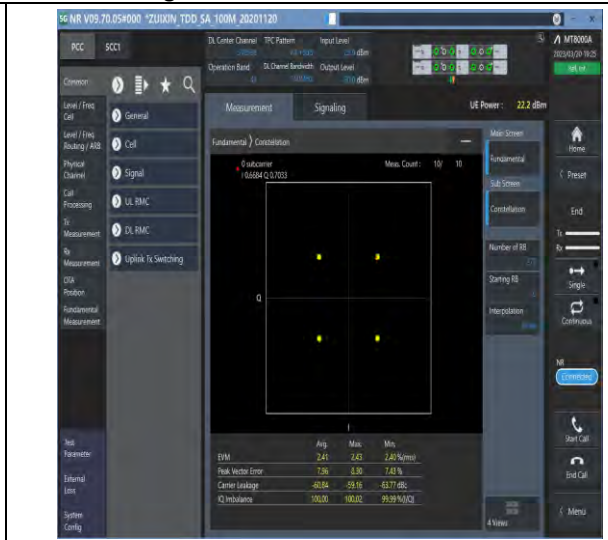
1-N41-30-100-M-4-DFT-64QAM-Outer_Full-270@0-A
 Ant1-see graph-PASS



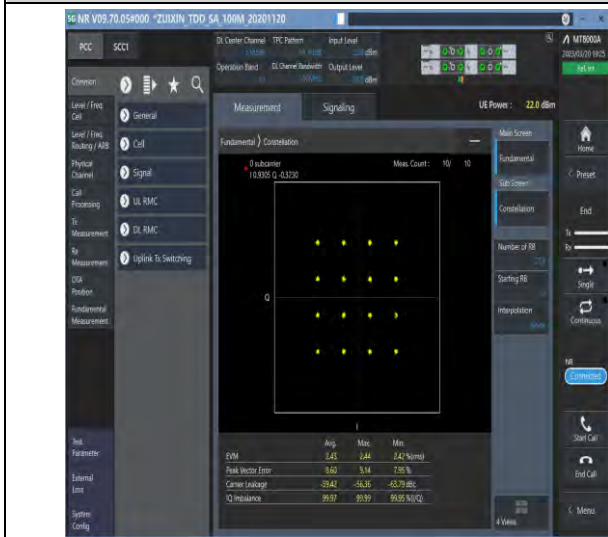
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州工业园区海陵路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



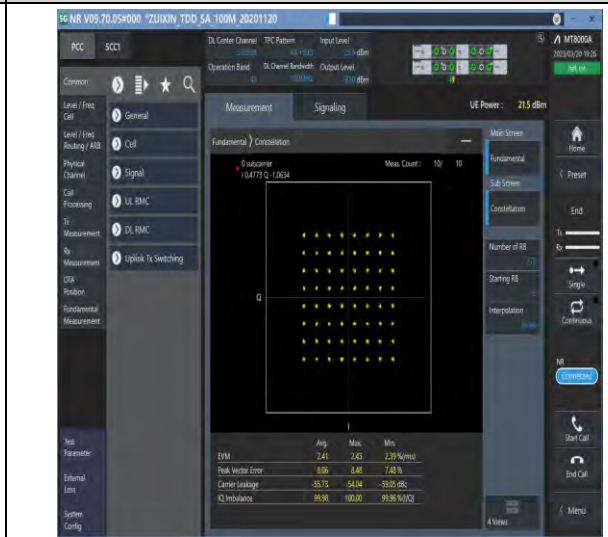
1-N41-30-100-M-5-DFT-256QAM-Outer_Full-270@0-Ant1-see graph-PASS



1-N41-30-100-M-6-CP-QPSK-Outer_Full-273@0-Ant1-see graph-PASS



1-N41-30-100-M-7-CP-16QAM-Outer_Full-273@0-Ant1-see graph-PASS



1-N41-30-100-M-8-CP-64QAM-Outer_Full-273@0-Ant1-see graph-PASS

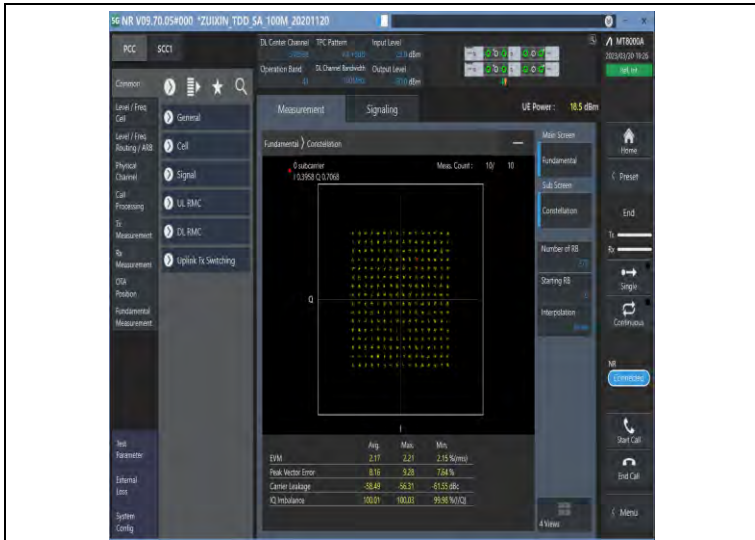


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

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



1-N41-30-100-M-9-CP-256QAM-Outer_Full-273@0-Ant1-see graph-PASS



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

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

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

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

26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N41	30	20	DFT-QPSK	L	Outer_Full	17.852	19.440	PASS
N41	30	20	DFT-PI2BPSK	L	Outer_Full	17.870	19.440	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	17.851	19.240	PASS
N41	30	20	DFT-64QAM	L	Outer_Full	17.890	19.440	PASS
N41	30	20	DFT-256QAM	L	Outer_Full	17.833	19.240	PASS
N41	30	20	CP-QPSK	L	Outer_Full	18.204	20.280	PASS
N41	30	20	CP-16QAM	L	Outer_Full	18.237	20.120	PASS
N41	30	20	CP-64QAM	L	Outer_Full	18.249	20.160	PASS
N41	30	20	CP-256QAM	L	Outer_Full	18.233	19.320	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	17.840	19.040	PASS
N41	30	20	DFT-PI2BPSK	M	Outer_Full	17.855	19.640	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	17.884	18.800	PASS
N41	30	20	DFT-64QAM	M	Outer_Full	17.905	19.520	PASS
N41	30	20	DFT-256QAM	M	Outer_Full	17.861	19.400	PASS
N41	30	20	CP-QPSK	M	Outer_Full	18.174	19.480	PASS
N41	30	20	CP-16QAM	M	Outer_Full	18.254	20.160	PASS
N41	30	20	CP-64QAM	M	Outer_Full	18.273	19.240	PASS
N41	30	20	CP-256QAM	M	Outer_Full	18.251	19.960	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	17.856	18.920	PASS
N41	30	20	DFT-PI2BPSK	H	Outer_Full	17.899	19.880	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	17.812	18.560	PASS
N41	30	20	DFT-64QAM	H	Outer_Full	17.915	19.600	PASS
N41	30	20	DFT-256QAM	H	Outer_Full	17.880	19.440	PASS
N41	30	20	CP-QPSK	H	Outer_Full	18.250	20.000	PASS
N41	30	20	CP-16QAM	H	Outer_Full	18.232	19.520	PASS
N41	30	20	CP-64QAM	H	Outer_Full	18.260	20.440	PASS
N41	30	20	CP-256QAM	H	Outer_Full	18.166	19.560	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	26.839	28.860	PASS
N41	30	30	DFT-PI2BPSK	L	Outer_Full	26.845	28.800	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	26.895	28.800	PASS
N41	30	30	DFT-64QAM	L	Outer_Full	26.814	28.740	PASS
N41	30	30	DFT-256QAM	L	Outer_Full	26.823	28.920	PASS



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

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

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

N41	30	30	CP-QPSK	L	Outer_Full	27.884	30.300	PASS
N41	30	30	CP-16QAM	L	Outer_Full	27.896	29.880	PASS
N41	30	30	CP-64QAM	L	Outer_Full	27.885	30.060	PASS
N41	30	30	CP-256QAM	L	Outer_Full	27.866	29.820	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	26.841	28.800	PASS
N41	30	30	DFT-PI2BPSK	M	Outer_Full	26.833	28.860	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	26.876	28.800	PASS
N41	30	30	DFT-64QAM	M	Outer_Full	26.850	28.920	PASS
N41	30	30	DFT-256QAM	M	Outer_Full	26.826	28.800	PASS
N41	30	30	CP-QPSK	M	Outer_Full	27.927	30.060	PASS
N41	30	30	CP-16QAM	M	Outer_Full	27.906	29.940	PASS
N41	30	30	CP-64QAM	M	Outer_Full	27.901	29.880	PASS
N41	30	30	CP-256QAM	M	Outer_Full	27.877	29.820	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	26.857	28.980	PASS
N41	30	30	DFT-PI2BPSK	H	Outer_Full	26.858	28.860	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	26.879	28.860	PASS
N41	30	30	DFT-64QAM	H	Outer_Full	26.899	29.100	PASS
N41	30	30	DFT-256QAM	H	Outer_Full	26.816	28.800	PASS
N41	30	30	CP-QPSK	H	Outer_Full	28.008	32.520	PASS
N41	30	30	CP-16QAM	H	Outer_Full	27.942	29.820	PASS
N41	30	30	CP-64QAM	H	Outer_Full	27.920	32.700	PASS
N41	30	30	CP-256QAM	H	Outer_Full	27.888	29.760	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	35.780	38.240	PASS
N41	30	40	DFT-PI2BPSK	L	Outer_Full	35.762	38.080	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	35.785	38.240	PASS
N41	30	40	DFT-64QAM	L	Outer_Full	35.904	38.160	PASS
N41	30	40	DFT-256QAM	L	Outer_Full	35.751	38.080	PASS
N41	30	40	CP-QPSK	L	Outer_Full	37.958	40.320	PASS
N41	30	40	CP-16QAM	L	Outer_Full	37.929	40.480	PASS
N41	30	40	CP-64QAM	L	Outer_Full	37.917	40.480	PASS
N41	30	40	CP-256QAM	L	Outer_Full	37.873	40.000	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	35.785	38.320	PASS
N41	30	40	DFT-PI2BPSK	M	Outer_Full	35.792	38.080	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	35.799	38.240	PASS
N41	30	40	DFT-64QAM	M	Outer_Full	35.889	38.160	PASS
N41	30	40	DFT-256QAM	M	Outer_Full	35.787	38.400	PASS
N41	30	40	CP-QPSK	M	Outer_Full	37.933	40.240	PASS
N41	30	40	CP-16QAM	M	Outer_Full	37.913	40.400	PASS



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

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

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



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 47 of 240

N41	30	40	CP-64QAM	M	Outer_Full	37.909	40.560	PASS
N41	30	40	CP-256QAM	M	Outer_Full	37.941	40.400	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	35.796	38.320	PASS
N41	30	40	DFT-PI2BPSK	H	Outer_Full	35.805	38.240	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	35.775	38.240	PASS
N41	30	40	DFT-64QAM	H	Outer_Full	35.908	38.080	PASS
N41	30	40	DFT-256QAM	H	Outer_Full	35.766	38.160	PASS
N41	30	40	CP-QPSK	H	Outer_Full	37.980	40.320	PASS
N41	30	40	CP-16QAM	H	Outer_Full	38.007	44.480	PASS
N41	30	40	CP-64QAM	H	Outer_Full	37.971	40.560	PASS
N41	30	40	CP-256QAM	H	Outer_Full	37.915	40.240	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	45.793	48.000	PASS
N41	30	50	DFT-PI2BPSK	L	Outer_Full	45.709	48.200	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	45.750	48.300	PASS
N41	30	50	DFT-64QAM	L	Outer_Full	45.761	48.200	PASS
N41	30	50	DFT-256QAM	L	Outer_Full	45.722	48.100	PASS
N41	30	50	CP-QPSK	L	Outer_Full	47.505	50.200	PASS
N41	30	50	CP-16QAM	L	Outer_Full	47.490	50.000	PASS
N41	30	50	CP-64QAM	L	Outer_Full	47.489	50.200	PASS
N41	30	50	CP-256QAM	L	Outer_Full	47.416	49.800	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	45.824	48.300	PASS
N41	30	50	DFT-PI2BPSK	M	Outer_Full	45.740	48.200	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	45.750	48.000	PASS
N41	30	50	DFT-64QAM	M	Outer_Full	45.815	48.400	PASS
N41	30	50	DFT-256QAM	M	Outer_Full	45.797	48.400	PASS
N41	30	50	CP-QPSK	M	Outer_Full	47.515	50.200	PASS
N41	30	50	CP-16QAM	M	Outer_Full	47.504	50.100	PASS
N41	30	50	CP-64QAM	M	Outer_Full	47.521	50.200	PASS
N41	30	50	CP-256QAM	M	Outer_Full	47.449	50.000	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	45.870	48.400	PASS
N41	30	50	DFT-PI2BPSK	H	Outer_Full	45.803	48.400	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	45.749	48.000	PASS
N41	30	50	DFT-64QAM	H	Outer_Full	45.816	48.300	PASS
N41	30	50	DFT-256QAM	H	Outer_Full	45.772	48.400	PASS
N41	30	50	CP-QPSK	H	Outer_Full	47.533	50.100	PASS
N41	30	50	CP-16QAM	H	Outer_Full	47.594	50.500	PASS
N41	30	50	CP-64QAM	H	Outer_Full	47.579	50.300	PASS
N41	30	50	CP-256QAM	H	Outer_Full	47.499	49.900	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 48 of 240

N41	30	60	DFT-QPSK	L	Outer_Full	57.88	60.480	PASS
N41	30	60	DFT-PI2BPSK	L	Outer_Full	57.853	60.360	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	57.965	60.480	PASS
N41	30	60	DFT-64QAM	L	Outer_Full	57.986	60.720	PASS
N41	30	60	DFT-256QAM	L	Outer_Full	57.973	60.480	PASS
N41	30	60	CP-QPSK	L	Outer_Full	57.809	60.480	PASS
N41	30	60	CP-16QAM	L	Outer_Full	57.894	60.360	PASS
N41	30	60	CP-64QAM	L	Outer_Full	57.808	60.360	PASS
N41	30	60	CP-256QAM	L	Outer_Full	57.760	60.480	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	57.906	60.720	PASS
N41	30	60	DFT-PI2BPSK	M	Outer_Full	57.914	60.480	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	58.056	60.360	PASS
N41	30	60	DFT-64QAM	M	Outer_Full	58.078	60.840	PASS
N41	30	60	DFT-256QAM	M	Outer_Full	58.071	60.600	PASS
N41	30	60	CP-QPSK	M	Outer_Full	57.89	60.600	PASS
N41	30	60	CP-16QAM	M	Outer_Full	57.957	60.360	PASS
N41	30	60	CP-64QAM	M	Outer_Full	57.884	60.480	PASS
N41	30	60	CP-256QAM	M	Outer_Full	57.878	60.360	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	57.893	60.600	PASS
N41	30	60	DFT-PI2BPSK	H	Outer_Full	57.935	60.480	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	57.998	60.360	PASS
N41	30	60	DFT-64QAM	H	Outer_Full	58.032	60.840	PASS
N41	30	60	DFT-256QAM	H	Outer_Full	58.042	60.480	PASS
N41	30	60	CP-QPSK	H	Outer_Full	57.905	60.480	PASS
N41	30	60	CP-16QAM	H	Outer_Full	57.945	60.480	PASS
N41	30	60	CP-64QAM	H	Outer_Full	57.883	60.480	PASS
N41	30	60	CP-256QAM	H	Outer_Full	57.861	60.360	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	64.281	67.060	PASS
N41	30	70	DFT-PI2BPSK	L	Outer_Full	64.137	66.780	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	64.201	66.920	PASS
N41	30	70	DFT-64QAM	L	Outer_Full	64.231	67.200	PASS
N41	30	70	DFT-256QAM	L	Outer_Full	64.272	66.780	PASS
N41	30	70	CP-QPSK	L	Outer_Full	67.529	70.140	PASS
N41	30	70	CP-16QAM	L	Outer_Full	67.458	74.060	PASS
N41	30	70	CP-64QAM	L	Outer_Full	67.323	70.280	PASS
N41	30	70	CP-256QAM	L	Outer_Full	67.441	70.140	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	64.366	67.060	PASS
N41	30	70	DFT-PI2BPSK	M	Outer_Full	64.285	67.200	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Punsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 49 of 240

N41	30	70	DFT-16QAM	M	Outer_Full	64.321	66.920	PASS
N41	30	70	DFT-64QAM	M	Outer_Full	64.367	67.060	PASS
N41	30	70	DFT-256QAM	M	Outer_Full	64.390	67.060	PASS
N41	30	70	CP-QPSK	M	Outer_Full	67.681	70.280	PASS
N41	30	70	CP-16QAM	M	Outer_Full	67.574	70.140	PASS
N41	30	70	CP-64QAM	M	Outer_Full	67.452	70.280	PASS
N41	30	70	CP-256QAM	M	Outer_Full	67.564	70.140	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	64.208	66.640	PASS
N41	30	70	DFT-PI2BPSK	H	Outer_Full	64.141	67.060	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	64.139	66.920	PASS
N41	30	70	DFT-64QAM	H	Outer_Full	64.222	66.920	PASS
N41	30	70	DFT-256QAM	H	Outer_Full	64.263	66.920	PASS
N41	30	70	CP-QPSK	H	Outer_Full	67.59	70.140	PASS
N41	30	70	CP-16QAM	H	Outer_Full	67.436	70.280	PASS
N41	30	70	CP-64QAM	H	Outer_Full	67.296	70.000	PASS
N41	30	70	CP-256QAM	H	Outer_Full	67.450	70.280	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	77.106	80.640	PASS
N41	30	80	DFT-PI2BPSK	L	Outer_Full	77.117	81.120	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	77.002	80.800	PASS
N41	30	80	DFT-64QAM	L	Outer_Full	77.102	80.640	PASS
N41	30	80	DFT-256QAM	L	Outer_Full	77.112	80.640	PASS
N41	30	80	CP-QPSK	L	Outer_Full	77.614	80.960	PASS
N41	30	80	CP-16QAM	L	Outer_Full	77.597	81.280	PASS
N41	30	80	CP-64QAM	L	Outer_Full	77.325	81.120	PASS
N41	30	80	CP-256QAM	L	Outer_Full	77.393	80.960	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	77.343	80.800	PASS
N41	30	80	DFT-PI2BPSK	M	Outer_Full	77.284	80.960	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	77.402	80.960	PASS
N41	30	80	DFT-64QAM	M	Outer_Full	77.320	80.960	PASS
N41	30	80	DFT-256QAM	M	Outer_Full	77.329	80.800	PASS
N41	30	80	CP-QPSK	M	Outer_Full	77.817	81.120	PASS
N41	30	80	CP-16QAM	M	Outer_Full	77.774	81.440	PASS
N41	30	80	CP-64QAM	M	Outer_Full	77.541	81.120	PASS
N41	30	80	CP-256QAM	M	Outer_Full	77.58	81.120	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	77.249	80.800	PASS
N41	30	80	DFT-PI2BPSK	H	Outer_Full	77.278	80.800	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	77.227	80.800	PASS
N41	30	80	DFT-64QAM	H	Outer_Full	77.104	80.640	PASS



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

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

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



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 50 of 240

N41	30	80	DFT-256QAM	H	Outer_Full	77.138	80.640	PASS
N41	30	80	CP-QPSK	H	Outer_Full	77.642	81.280	PASS
N41	30	80	CP-16QAM	H	Outer_Full	77.635	81.120	PASS
N41	30	80	CP-64QAM	H	Outer_Full	77.420	81.120	PASS
N41	30	80	CP-256QAM	H	Outer_Full	77.428	81.280	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	85.441	89.460	PASS
N41	30	90	DFT-PI2BPSK	L	Outer_Full	85.476	89.460	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	85.397	89.280	PASS
N41	30	90	DFT-64QAM	L	Outer_Full	85.665	89.460	PASS
N41	30	90	DFT-256QAM	L	Outer_Full	85.449	89.280	PASS
N41	30	90	CP-QPSK	L	Outer_Full	87.299	91.080	PASS
N41	30	90	CP-16QAM	L	Outer_Full	87.251	91.260	PASS
N41	30	90	CP-64QAM	L	Outer_Full	87.293	91.080	PASS
N41	30	90	CP-256QAM	L	Outer_Full	87.078	91.260	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	85.712	89.460	PASS
N41	30	90	DFT-PI2BPSK	M	Outer_Full	85.810	89.640	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	85.824	89.640	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	85.900	89.640	PASS
N41	30	90	DFT-256QAM	M	Outer_Full	85.694	89.460	PASS
N41	30	90	CP-QPSK	M	Outer_Full	87.608	91.260	PASS
N41	30	90	CP-16QAM	M	Outer_Full	87.532	91.260	PASS
N41	30	90	CP-64QAM	M	Outer_Full	87.613	91.260	PASS
N41	30	90	CP-256QAM	M	Outer_Full	87.423	91.260	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	85.464	89.460	PASS
N41	30	90	DFT-PI2BPSK	H	Outer_Full	85.458	89.460	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	85.585	89.460	PASS
N41	30	90	DFT-64QAM	H	Outer_Full	85.738	89.460	PASS
N41	30	90	DFT-256QAM	H	Outer_Full	85.446	89.100	PASS
N41	30	90	CP-QPSK	H	Outer_Full	87.408	91.440	PASS
N41	30	90	CP-16QAM	H	Outer_Full	87.387	91.080	PASS
N41	30	90	CP-64QAM	H	Outer_Full	87.407	91.080	PASS
N41	30	90	CP-256QAM	H	Outer_Full	87.188	91.260	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	96.152	100.200	PASS
N41	30	100	DFT-PI2BPSK	L	Outer_Full	96.126	100.400	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	96.106	100.400	PASS
N41	30	100	DFT-64QAM	L	Outer_Full	96.102	100.200	PASS
N41	30	100	DFT-256QAM	L	Outer_Full	96.275	100.200	PASS
N41	30	100	CP-QPSK	L	Outer_Full	97.267	101.200	PASS



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

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

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



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 51 of 240

N41	30	100	CP-16QAM	L	Outer_Full	97.464	101.400	PASS
N41	30	100	CP-64QAM	L	Outer_Full	97.370	101.400	PASS
N41	30	100	CP-256QAM	L	Outer_Full	97.243	101.200	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	96.451	100.400	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	96.418	100.600	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	96.383	100.600	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	96.405	100.400	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	96.592	100.400	PASS
N41	30	100	CP-QPSK	M	Outer_Full	97.551	101.400	PASS
N41	30	100	CP-16QAM	M	Outer_Full	97.703	101.800	PASS
N41	30	100	CP-64QAM	M	Outer_Full	97.656	101.400	PASS
N41	30	100	CP-256QAM	M	Outer_Full	97.512	101.200	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	96.157	100.200	PASS
N41	30	100	DFT-PI2BPSK	H	Outer_Full	96.166	100.200	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	96.149	100.200	PASS
N41	30	100	DFT-64QAM	H	Outer_Full	96.112	100.200	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	96.355	100.200	PASS
N41	30	100	CP-QPSK	H	Outer_Full	97.300	101.400	PASS
N41	30	100	CP-16QAM	H	Outer_Full	97.499	101.600	PASS
N41	30	100	CP-64QAM	H	Outer_Full	97.459	101.400	PASS
N41	30	100	CP-256QAM	H	Outer_Full	97.270	101.200	PASS



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

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

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

Test Result for MIMO

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N41	30	20	DFT-QPSK	L	Outer_Full	17.835	19.480	PASS
N41	30	20	DFT-PI2BPSK	L	Outer_Full	17.782	19.400	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	17.833	19.120	PASS
N41	30	20	DFT-64QAM	L	Outer_Full	17.760	19.240	PASS
N41	30	20	DFT-256QAM	L	Outer_Full	17.786	18.960	PASS
N41	30	20	CP-QPSK	L	Outer_Full	18.145	19.440	PASS
N41	30	20	CP-16QAM	L	Outer_Full	18.230	19.560	PASS
N41	30	20	CP-64QAM	L	Outer_Full	18.237	19.800	PASS
N41	30	20	CP-256QAM	L	Outer_Full	18.211	19.440	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	17.746	18.880	PASS
N41	30	20	DFT-PI2BPSK	M	Outer_Full	17.855	19.040	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	17.839	19.080	PASS
N41	30	20	DFT-64QAM	M	Outer_Full	17.797	19.160	PASS
N41	30	20	DFT-256QAM	M	Outer_Full	17.745	18.840	PASS
N41	30	20	CP-QPSK	M	Outer_Full	18.241	19.480	PASS
N41	30	20	CP-16QAM	M	Outer_Full	18.283	19.360	PASS
N41	30	20	CP-64QAM	M	Outer_Full	18.276	19.520	PASS
N41	30	20	CP-256QAM	M	Outer_Full	18.213	19.640	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	17.839	18.800	PASS
N41	30	20	DFT-PI2BPSK	H	Outer_Full	17.887	18.920	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	17.959	19.040	PASS
N41	30	20	DFT-64QAM	H	Outer_Full	17.865	19.040	PASS
N41	30	20	DFT-256QAM	H	Outer_Full	17.790	18.840	PASS
N41	30	20	CP-QPSK	H	Outer_Full	18.255	19.400	PASS
N41	30	20	CP-16QAM	H	Outer_Full	18.243	19.320	PASS
N41	30	20	CP-64QAM	H	Outer_Full	18.249	19.520	PASS
N41	30	20	CP-256QAM	H	Outer_Full	18.226	19.400	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	26.711	28.020	PASS
N41	30	30	DFT-PI2BPSK	L	Outer_Full	26.676	28.320	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	26.810	28.140	PASS
N41	30	30	DFT-64QAM	L	Outer_Full	26.715	28.200	PASS
N41	30	30	DFT-256QAM	L	Outer_Full	26.697	27.900	PASS
N41	30	30	CP-QPSK	L	Outer_Full	27.922	29.400	PASS



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

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

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



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 53 of 240

N41	30	30	CP-16QAM	L	Outer_Full	27.820	29.160	PASS
N41	30	30	CP-64QAM	L	Outer_Full	27.871	30.120	PASS
N41	30	30	CP-256QAM	L	Outer_Full	27.770	29.460	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	26.752	27.780	PASS
N41	30	30	DFT-PI2BPSK	M	Outer_Full	26.797	28.440	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	26.769	28.200	PASS
N41	30	30	DFT-64QAM	M	Outer_Full	26.795	28.200	PASS
N41	30	30	DFT-256QAM	M	Outer_Full	26.873	28.380	PASS
N41	30	30	CP-QPSK	M	Outer_Full	27.893	29.340	PASS
N41	30	30	CP-16QAM	M	Outer_Full	27.837	29.520	PASS
N41	30	30	CP-64QAM	M	Outer_Full	27.935	29.520	PASS
N41	30	30	CP-256QAM	M	Outer_Full	27.905	29.280	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	26.844	28.440	PASS
N41	30	30	DFT-PI2BPSK	H	Outer_Full	26.712	27.840	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	26.699	28.380	PASS
N41	30	30	DFT-64QAM	H	Outer_Full	26.725	28.440	PASS
N41	30	30	DFT-256QAM	H	Outer_Full	26.915	28.620	PASS
N41	30	30	CP-QPSK	H	Outer_Full	27.920	29.280	PASS
N41	30	30	CP-16QAM	H	Outer_Full	27.822	29.940	PASS
N41	30	30	CP-64QAM	H	Outer_Full	27.829	30.360	PASS
N41	30	30	CP-256QAM	H	Outer_Full	27.838	29.760	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	35.811	37.360	PASS
N41	30	40	DFT-PI2BPSK	L	Outer_Full	35.716	37.840	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	35.708	37.520	PASS
N41	30	40	DFT-64QAM	L	Outer_Full	35.769	37.920	PASS
N41	30	40	DFT-256QAM	L	Outer_Full	35.754	38.000	PASS
N41	30	40	CP-QPSK	L	Outer_Full	37.771	39.680	PASS
N41	30	40	CP-16QAM	L	Outer_Full	37.838	39.840	PASS
N41	30	40	CP-64QAM	L	Outer_Full	37.848	39.760	PASS
N41	30	40	CP-256QAM	L	Outer_Full	37.878	39.760	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	35.677	37.280	PASS
N41	30	40	DFT-PI2BPSK	M	Outer_Full	35.731	37.520	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	35.708	37.680	PASS
N41	30	40	DFT-64QAM	M	Outer_Full	35.705	37.520	PASS
N41	30	40	DFT-256QAM	M	Outer_Full	35.753	37.440	PASS
N41	30	40	CP-QPSK	M	Outer_Full	37.886	39.600	PASS
N41	30	40	CP-16QAM	M	Outer_Full	37.915	39.840	PASS
N41	30	40	CP-64QAM	M	Outer_Full	37.929	39.760	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

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

N41	30	40	CP-256QAM	M	Outer_Full	37.865	39.440	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	35.661	37.280	PASS
N41	30	40	DFT-PI2BPSK	H	Outer_Full	35.710	37.680	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	35.685	37.440	PASS
N41	30	40	DFT-64QAM	H	Outer_Full	35.818	37.680	PASS
N41	30	40	DFT-256QAM	H	Outer_Full	35.736	37.520	PASS
N41	30	40	CP-QPSK	H	Outer_Full	37.885	39.840	PASS
N41	30	40	CP-16QAM	H	Outer_Full	37.832	40.000	PASS
N41	30	40	CP-64QAM	H	Outer_Full	37.741	39.680	PASS
N41	30	40	CP-256QAM	H	Outer_Full	37.852	39.840	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	45.726	47.600	PASS
N41	30	50	DFT-PI2BPSK	L	Outer_Full	45.713	47.900	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	45.601	47.400	PASS
N41	30	50	DFT-64QAM	L	Outer_Full	45.565	47.400	PASS
N41	30	50	DFT-256QAM	L	Outer_Full	45.535	47.600	PASS
N41	30	50	CP-QPSK	L	Outer_Full	47.552	49.200	PASS
N41	30	50	CP-16QAM	L	Outer_Full	47.359	49.800	PASS
N41	30	50	CP-64QAM	L	Outer_Full	47.493	49.400	PASS
N41	30	50	CP-256QAM	L	Outer_Full	47.512	49.400	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	45.687	47.700	PASS
N41	30	50	DFT-PI2BPSK	M	Outer_Full	45.725	48.100	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	45.741	47.400	PASS
N41	30	50	DFT-64QAM	M	Outer_Full	45.792	47.500	PASS
N41	30	50	DFT-256QAM	M	Outer_Full	45.789	47.300	PASS
N41	30	50	CP-QPSK	M	Outer_Full	47.370	49.300	PASS
N41	30	50	CP-16QAM	M	Outer_Full	47.401	49.400	PASS
N41	30	50	CP-64QAM	M	Outer_Full	47.298	49.700	PASS
N41	30	50	CP-256QAM	M	Outer_Full	47.488	49.500	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	45.740	47.400	PASS
N41	30	50	DFT-PI2BPSK	H	Outer_Full	45.750	47.900	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	45.831	47.600	PASS
N41	30	50	DFT-64QAM	H	Outer_Full	45.784	47.800	PASS
N41	30	50	DFT-256QAM	H	Outer_Full	45.487	47.500	PASS
N41	30	50	CP-QPSK	H	Outer_Full	47.470	49.300	PASS
N41	30	50	CP-16QAM	H	Outer_Full	47.419	49.400	PASS
N41	30	50	CP-64QAM	H	Outer_Full	47.467	49.300	PASS
N41	30	50	CP-256QAM	H	Outer_Full	47.321	49.300	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	57.815	60.240	PASS



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

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

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



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 55 of 240

N41	30	60	DFT-PI2BPSK	L	Outer_Full	57.932	60.120	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	57.872	60.120	PASS
N41	30	60	DFT-64QAM	L	Outer_Full	57.906	59.880	PASS
N41	30	60	DFT-256QAM	L	Outer_Full	57.711	59.760	PASS
N41	30	60	CP-QPSK	L	Outer_Full	57.635	60.000	PASS
N41	30	60	CP-16QAM	L	Outer_Full	57.902	60.000	PASS
N41	30	60	CP-64QAM	L	Outer_Full	57.891	59.760	PASS
N41	30	60	CP-256QAM	L	Outer_Full	57.748	59.640	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	57.802	60.120	PASS
N41	30	60	DFT-PI2BPSK	M	Outer_Full	57.895	60.000	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	57.880	59.880	PASS
N41	30	60	DFT-64QAM	M	Outer_Full	57.779	59.520	PASS
N41	30	60	DFT-256QAM	M	Outer_Full	57.803	60.000	PASS
N41	30	60	CP-QPSK	M	Outer_Full	57.764	59.760	PASS
N41	30	60	CP-16QAM	M	Outer_Full	57.525	60.000	PASS
N41	30	60	CP-64QAM	M	Outer_Full	57.761	59.880	PASS
N41	30	60	CP-256QAM	M	Outer_Full	57.841	59.640	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	57.576	59.640	PASS
N41	30	60	DFT-PI2BPSK	H	Outer_Full	57.755	60.000	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	57.889	59.880	PASS
N41	30	60	DFT-64QAM	H	Outer_Full	57.913	59.640	PASS
N41	30	60	DFT-256QAM	H	Outer_Full	57.855	60.240	PASS
N41	30	60	CP-QPSK	H	Outer_Full	57.748	59.880	PASS
N41	30	60	CP-16QAM	H	Outer_Full	57.696	59.880	PASS
N41	30	60	CP-64QAM	H	Outer_Full	57.894	60.120	PASS
N41	30	60	CP-256QAM	H	Outer_Full	57.747	60.120	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	64.285	66.500	PASS
N41	30	70	DFT-PI2BPSK	L	Outer_Full	64.228	66.360	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	64.243	66.080	PASS
N41	30	70	DFT-64QAM	L	Outer_Full	64.268	66.220	PASS
N41	30	70	DFT-256QAM	L	Outer_Full	64.278	66.500	PASS
N41	30	70	CP-QPSK	L	Outer_Full	67.286	69.860	PASS
N41	30	70	CP-16QAM	L	Outer_Full	67.329	69.720	PASS
N41	30	70	CP-64QAM	L	Outer_Full	67.541	69.440	PASS
N41	30	70	CP-256QAM	L	Outer_Full	67.122	69.440	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	64.158	66.360	PASS
N41	30	70	DFT-PI2BPSK	M	Outer_Full	64.280	66.360	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	64.191	66.360	PASS



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

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

South of No. 6 Plant, No. 1, Pansheng 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海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 56 of 240

N41	30	70	DFT-64QAM	M	Outer_Full	64.239	66.220	PASS
N41	30	70	DFT-256QAM	M	Outer_Full	64.142	66.220	PASS
N41	30	70	CP-QPSK	M	Outer_Full	67.420	69.720	PASS
N41	30	70	CP-16QAM	M	Outer_Full	67.341	69.440	PASS
N41	30	70	CP-64QAM	M	Outer_Full	67.012	69.440	PASS
N41	30	70	CP-256QAM	M	Outer_Full	67.337	69.440	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	64.302	66.780	PASS
N41	30	70	DFT-PI2BPSK	H	Outer_Full	64.407	66.220	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	64.399	66.360	PASS
N41	30	70	DFT-64QAM	H	Outer_Full	64.187	66.360	PASS
N41	30	70	DFT-256QAM	H	Outer_Full	64.280	66.220	PASS
N41	30	70	CP-QPSK	H	Outer_Full	67.437	69.580	PASS
N41	30	70	CP-16QAM	H	Outer_Full	67.254	69.440	PASS
N41	30	70	CP-64QAM	H	Outer_Full	67.492	69.580	PASS
N41	30	70	CP-256QAM	H	Outer_Full	67.261	69.440	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	76.997	80.160	PASS
N41	30	80	DFT-PI2BPSK	L	Outer_Full	77.072	80.320	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	77.334	80.000	PASS
N41	30	80	DFT-64QAM	L	Outer_Full	77.011	80.320	PASS
N41	30	80	DFT-256QAM	L	Outer_Full	77.229	80.320	PASS
N41	30	80	CP-QPSK	L	Outer_Full	77.294	80.800	PASS
N41	30	80	CP-16QAM	L	Outer_Full	77.423	80.640	PASS
N41	30	80	CP-64QAM	L	Outer_Full	77.410	80.640	PASS
N41	30	80	CP-256QAM	L	Outer_Full	77.339	80.640	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	77.100	80.320	PASS
N41	30	80	DFT-PI2BPSK	M	Outer_Full	77.078	80.320	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	77.170	80.480	PASS
N41	30	80	DFT-64QAM	M	Outer_Full	76.947	80.320	PASS
N41	30	80	DFT-256QAM	M	Outer_Full	77.367	80.320	PASS
N41	30	80	CP-QPSK	M	Outer_Full	77.466	80.480	PASS
N41	30	80	CP-16QAM	M	Outer_Full	77.601	80.800	PASS
N41	30	80	CP-64QAM	M	Outer_Full	77.371	80.800	PASS
N41	30	80	CP-256QAM	M	Outer_Full	77.206	80.640	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	77.154	80.480	PASS
N41	30	80	DFT-PI2BPSK	H	Outer_Full	77.105	80.320	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	77.109	80.320	PASS
N41	30	80	DFT-64QAM	H	Outer_Full	76.985	80.480	PASS
N41	30	80	DFT-256QAM	H	Outer_Full	77.233	80.480	PASS



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

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

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

N41	30	80	CP-QPSK	H	Outer_Full	77.459	80.800	PASS
N41	30	80	CP-16QAM	H	Outer_Full	77.417	81.120	PASS
N41	30	80	CP-64QAM	H	Outer_Full	77.331	80.480	PASS
N41	30	80	CP-256QAM	H	Outer_Full	77.356	80.480	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	85.565	89.100	PASS
N41	30	90	DFT-PI2BPSK	L	Outer_Full	85.803	88.920	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	85.536	88.740	PASS
N41	30	90	DFT-64QAM	L	Outer_Full	85.565	88.920	PASS
N41	30	90	DFT-256QAM	L	Outer_Full	85.537	88.740	PASS
N41	30	90	CP-QPSK	L	Outer_Full	87.268	90.540	PASS
N41	30	90	CP-16QAM	L	Outer_Full	87.436	90.720	PASS
N41	30	90	CP-64QAM	L	Outer_Full	87.211	90.720	PASS
N41	30	90	CP-256QAM	L	Outer_Full	87.290	90.720	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	85.656	89.100	PASS
N41	30	90	DFT-PI2BPSK	M	Outer_Full	85.335	88.920	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	85.465	88.920	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	85.533	88.920	PASS
N41	30	90	DFT-256QAM	M	Outer_Full	85.537	88.920	PASS
N41	30	90	CP-QPSK	M	Outer_Full	87.255	90.720	PASS
N41	30	90	CP-16QAM	M	Outer_Full	87.391	90.720	PASS
N41	30	90	CP-64QAM	M	Outer_Full	87.387	90.720	PASS
N41	30	90	CP-256QAM	M	Outer_Full	87.365	90.720	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	85.556	89.280	PASS
N41	30	90	DFT-PI2BPSK	H	Outer_Full	85.708	88.920	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	85.848	88.920	PASS
N41	30	90	DFT-64QAM	H	Outer_Full	85.612	88.920	PASS
N41	30	90	DFT-256QAM	H	Outer_Full	85.758	88.920	PASS
N41	30	90	CP-QPSK	H	Outer_Full	87.523	90.540	PASS
N41	30	90	CP-16QAM	H	Outer_Full	87.449	90.720	PASS
N41	30	90	CP-64QAM	H	Outer_Full	87.223	90.720	PASS
N41	30	90	CP-256QAM	H	Outer_Full	87.496	90.720	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	96.163	99.800	PASS
N41	30	100	DFT-PI2BPSK	L	Outer_Full	96.359	99.600	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	96.463	99.800	PASS
N41	30	100	DFT-64QAM	L	Outer_Full	96.024	100.000	PASS
N41	30	100	DFT-256QAM	L	Outer_Full	96.359	99.800	PASS
N41	30	100	CP-QPSK	L	Outer_Full	97.299	100.800	PASS
N41	30	100	CP-16QAM	L	Outer_Full	97.279	100.800	PASS



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

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

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



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 58 of 240

N41	30	100	CP-64QAM	L	Outer_Full	97.074	101.000	PASS
N41	30	100	CP-256QAM	L	Outer_Full	97.527	100.800	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	96.104	99.800	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	96.468	99.600	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	96.359	99.400	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	96.075	99.800	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	96.340	100.000	PASS
N41	30	100	CP-QPSK	M	Outer_Full	97.259	100.800	PASS
N41	30	100	CP-16QAM	M	Outer_Full	97.417	101.000	PASS
N41	30	100	CP-64QAM	M	Outer_Full	97.135	101.000	PASS
N41	30	100	CP-256QAM	M	Outer_Full	97.432	101.000	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	96.233	99.800	PASS
N41	30	100	DFT-PI2BPSK	H	Outer_Full	96.469	99.800	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	96.236	99.800	PASS
N41	30	100	DFT-64QAM	H	Outer_Full	96.233	100.000	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	96.461	99.400	PASS
N41	30	100	CP-QPSK	H	Outer_Full	97.523	100.800	PASS
N41	30	100	CP-16QAM	H	Outer_Full	97.492	101.200	PASS
N41	30	100	CP-64QAM	H	Outer_Full	97.092	100.600	PASS
N41	30	100	CP-256QAM	H	Outer_Full	97.179	100.800	PASS

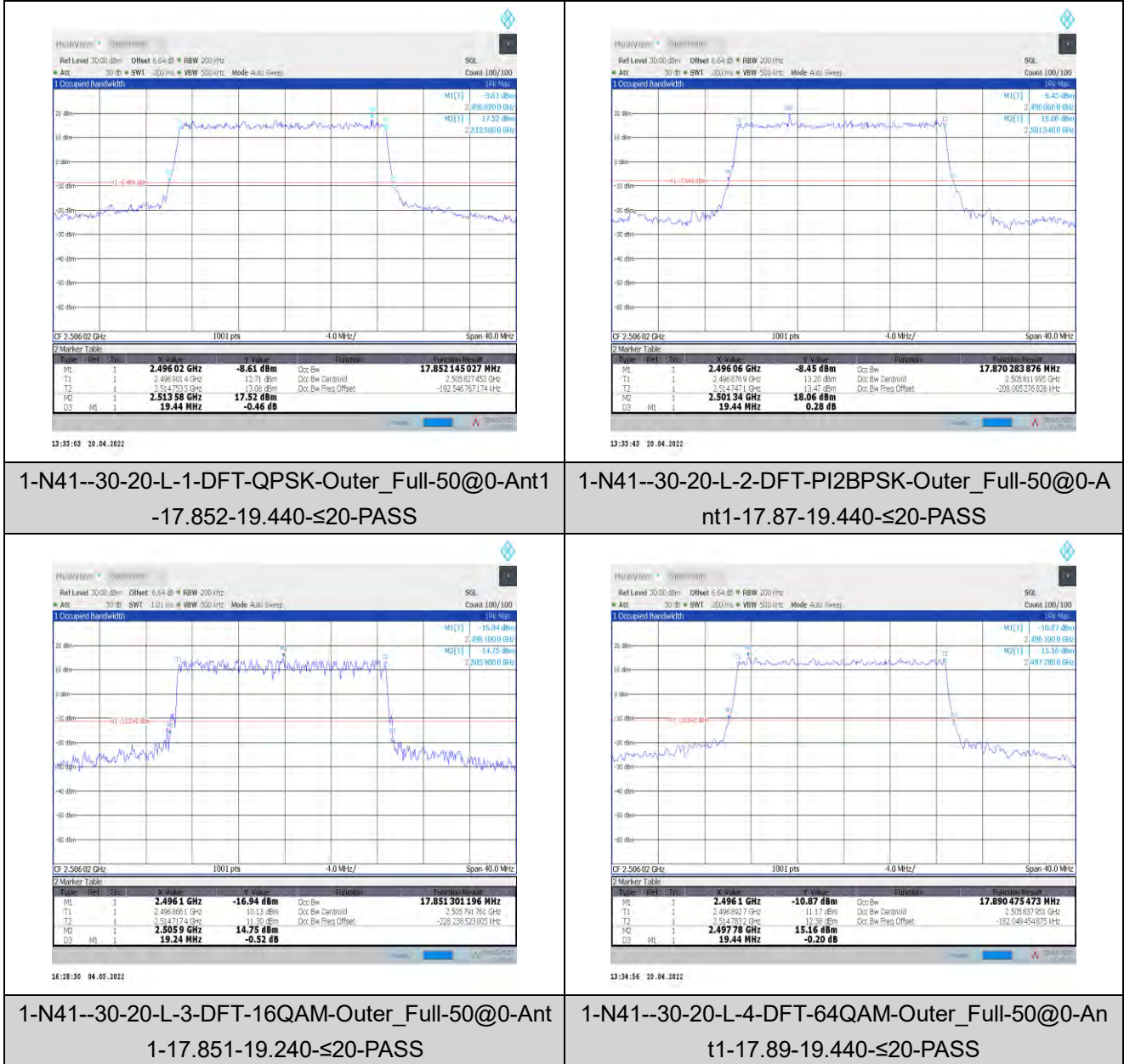


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

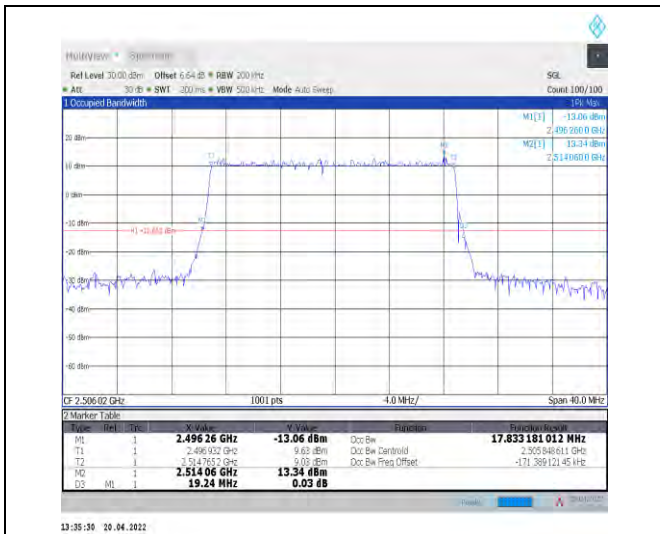
Test Graphs



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

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

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



1-N41--30-20-L-5-DFT-256QAM-Outer_Full-50@0-A
 nt1-17.833-19.240-≤20-PASS



1-N41--30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant1-
 18.204-20.280-≤20-PASS

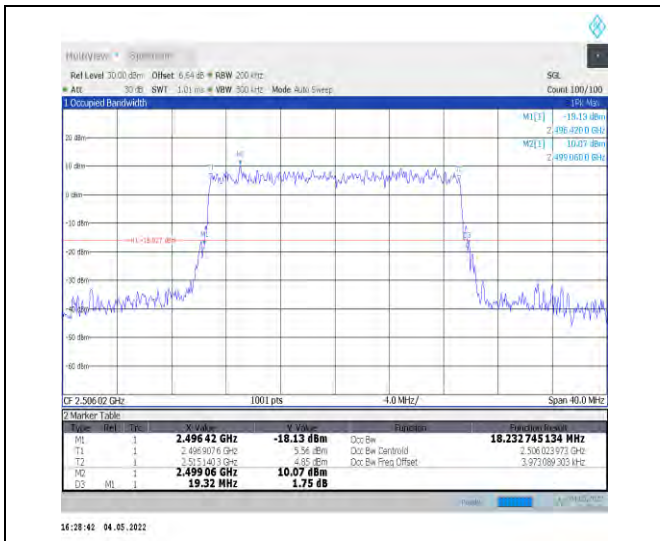


1-N41--30-20-L-7-CP-16QAM-Outer_Full-51@0-Ant1
 -18.237-20.120-≤20-PASS



1-N41--30-20-L-8-CP-64QAM-Outer_Full-51@0-Ant
 1-18.249-20.160-≤20-PASS





1-N41--30-20-L-9-CP-256QAM-Outer_Full-51@0-Ant
 1-18.233-19.320-≤20-PASS



1-N41--30-20-M-1-DFT-QPSK-Outer_Full-50@0-Ant
 1-17.84-19.040-≤20-PASS



1-N41--30-20-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant
 1-17.855-19.640-≤20-PASS



1-N41--30-20-M-3-DFT-16QAM-Outer_Full-50@0-Ant
 1-17.884-18.800-≤20-PASS



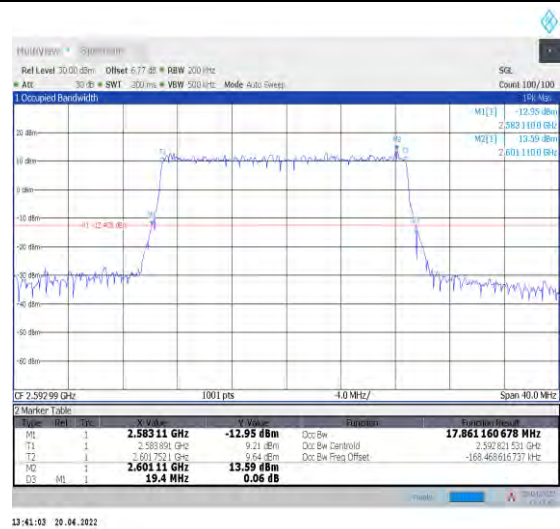
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

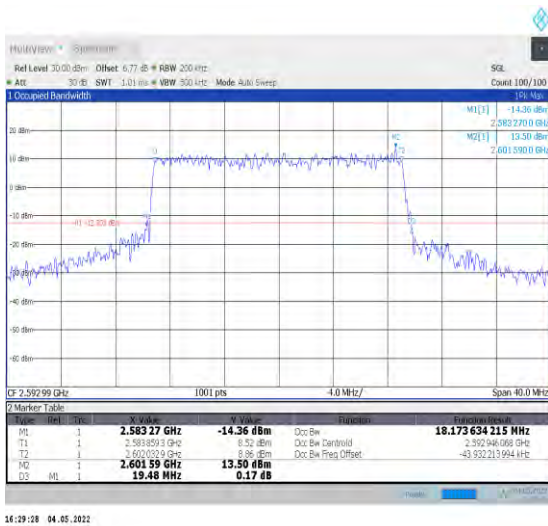
South of No. 6 Plant, No. 1, Punsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



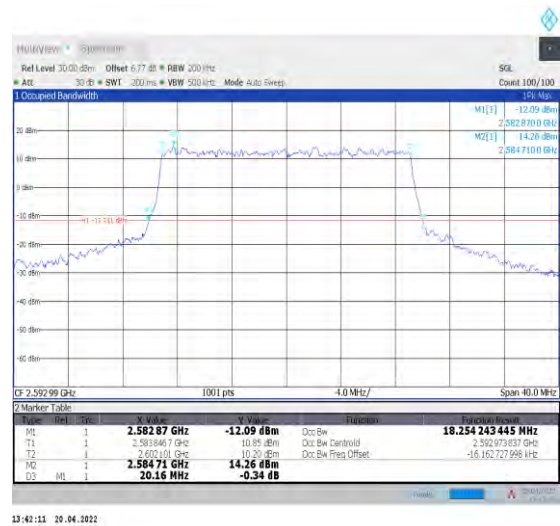
1-N41--30-20-M-4-DFT-64QAM-Outer_Full-50@0-Ant
 t1-17.905-19.520-<=20-PASS



1-N41--30-20-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-17.861-19.400-<=20-PASS



1-N41--30-20-M-6-CP-QPSK-Outer_Full-51@0-Ant1-
 18.174-19.480-<=20-PASS



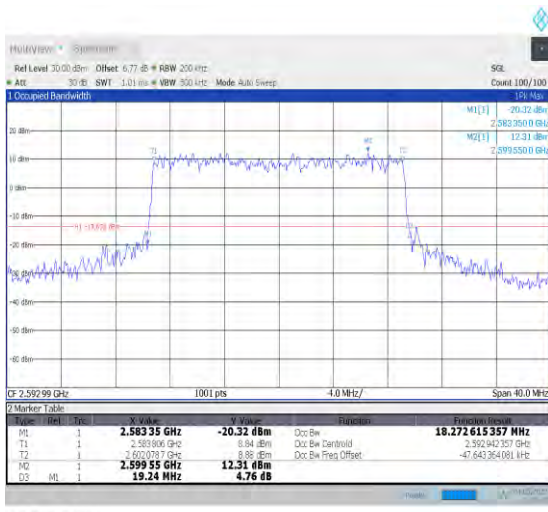
1-N41--30-20-M-7-CP-16QAM-Outer_Full-51@0-Ant
 1-18.254-20.160-<=20-PASS



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

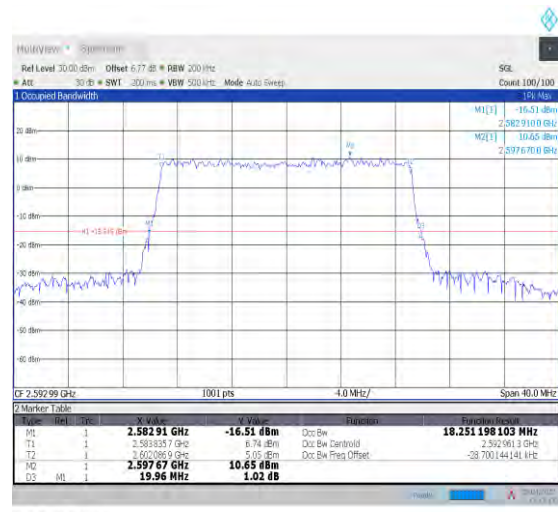
South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南座 邮编: 215000

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



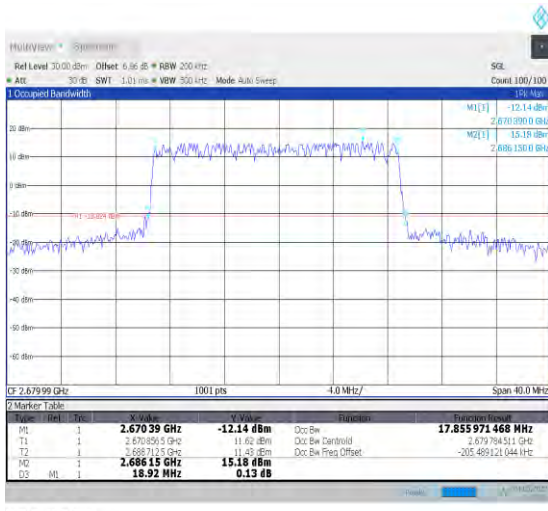
16:29:37 04.05.2022

1-N41--30-20-M-8-CP-64QAM-Outer_Full-51@0-Ant
1-18.273-19.240-≤20-PASS



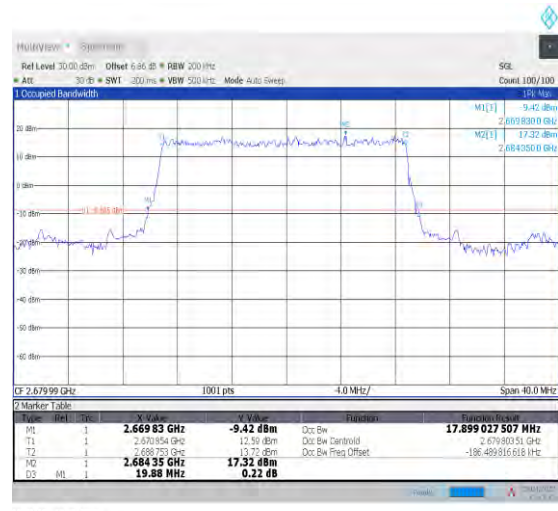
13:43:17 20.04.2022

1-N41--30-20-M-9-CP-256QAM-Outer_Full-51@0-A
nt1-18.251-19.960-≤20-PASS



16:30:02 04.05.2022

1-N41--30-20-H-1-DFT-QPSK-Outer_Full-50@0-Ant
1-17.856-18.920-≤20-PASS



13:44:43 20.04.2022

1-N41--30-20-H-2-DFT-PI2BPSK-Outer_Full-50@0-
Ant1-17.899-19.880-≤20-PASS

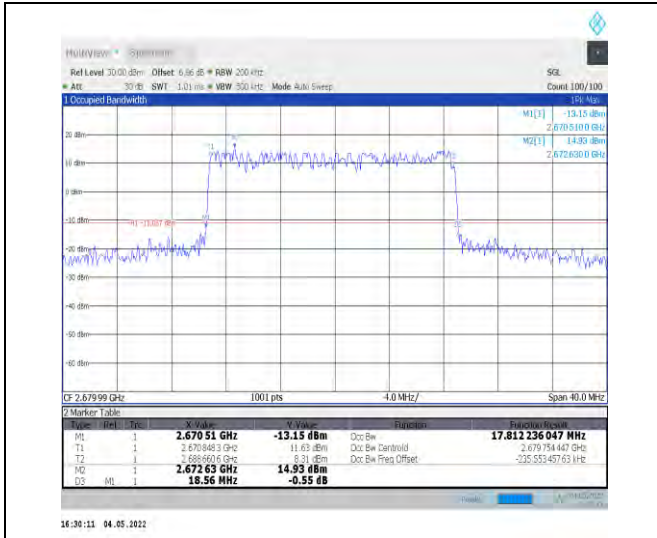


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

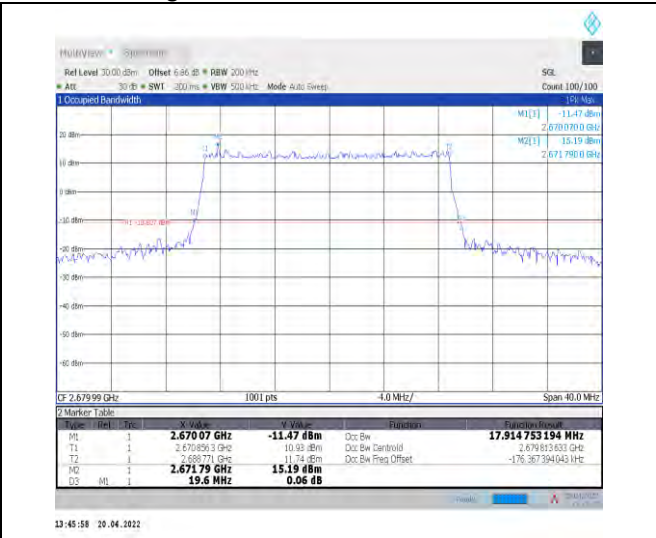
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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



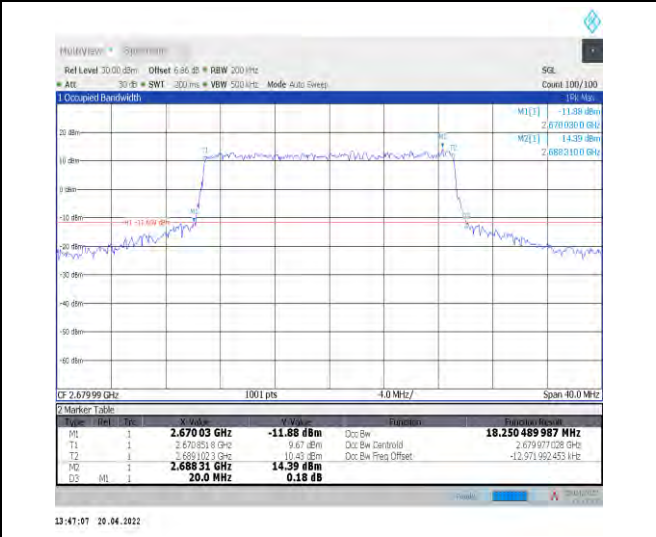
1-N41--30-20-H-3-DFT-16QAM-Outer_Full-50@0-An
t1-17.812-18.560-≤20-PASS



1-N41--30-20-H-4-DFT-64QAM-Outer_Full-50@0-An
t1-17.915-19.600-≤20-PASS



1-N41--30-20-H-5-DFT-256QAM-Outer_Full-50@0-A
nt1-17.88-19.440-≤20-PASS



1-N41--30-20-H-6-CP-QPSK-Outer_Full-51@0-Ant1-
18.25-20.000-≤20-PASS

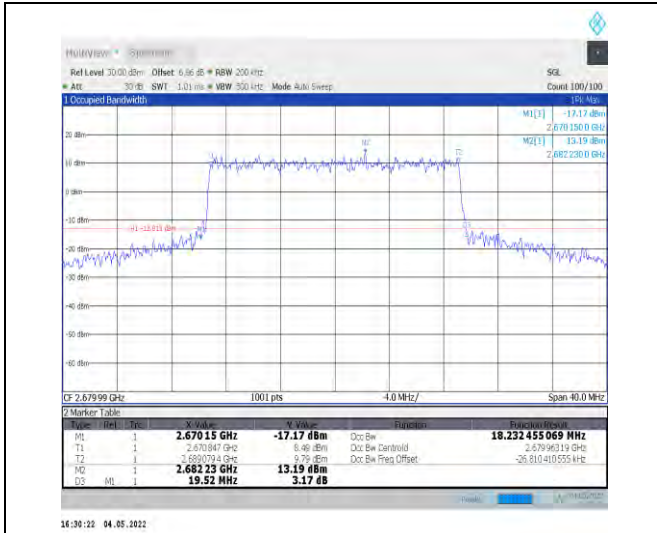


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

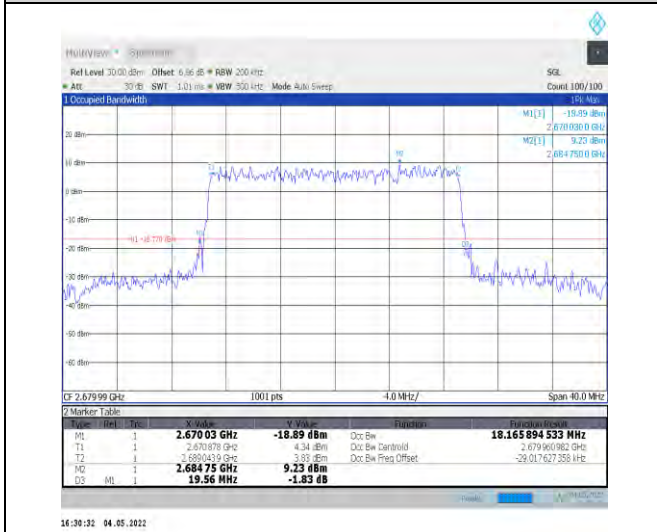
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com



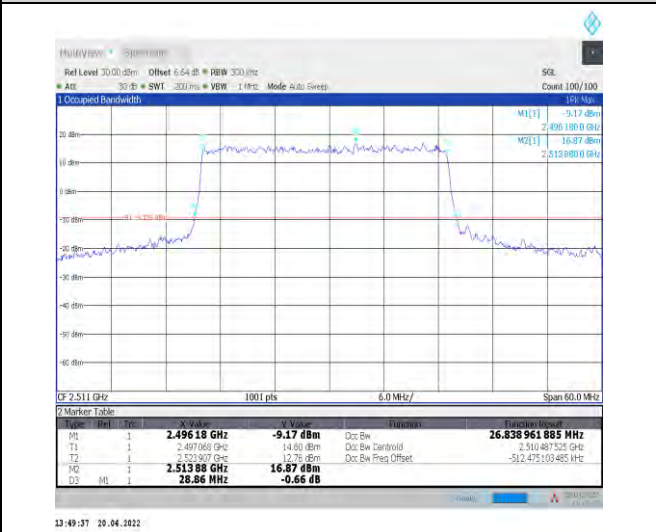
1-N41--30-20-H-7-CP-16QAM-Outer_Full-51@0-Ant
1-18.232-19.520-≤20-PASS



1-N41--30-20-H-8-CP-64QAM-Outer_Full-51@0-Ant
1-18.26-20.440-≤20-PASS



1-N41--30-20-H-9-CP-256QAM-Outer_Full-51@0-Ant
t1-18.166-19.560-≤20-PASS



1-N41--30-30-L-1-DFT-QPSK-Outer_Full-75@0-Ant1
-26.839-28.860-≤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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

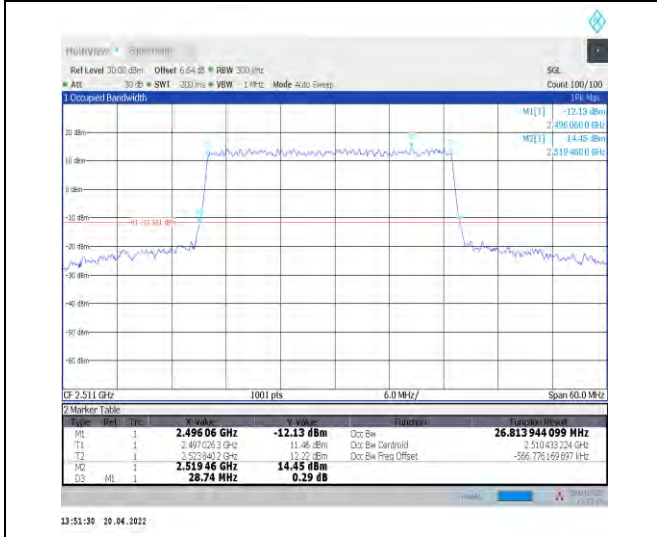
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com



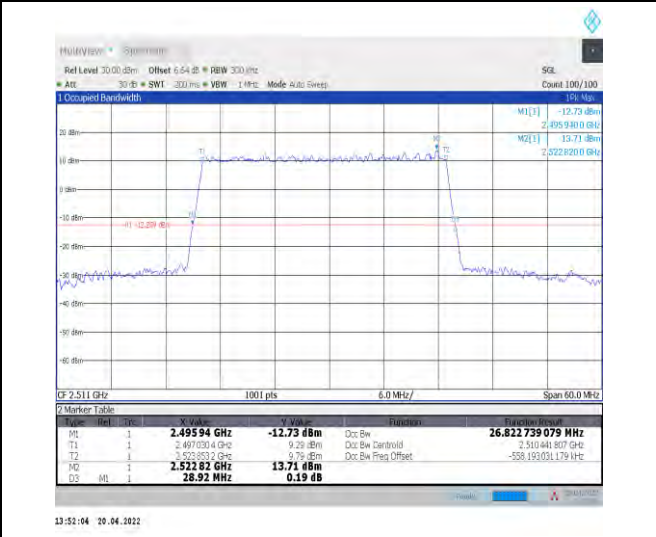
1-N41--30-30-L-2-DFT-PI2BPSK-Outer_Full-75@0-A
nt1-26.845-28.800-≤30-PASS



1-N41--30-30-L-3-DFT-16QAM-Outer_Full-75@0-An
t1-26.895-28.800-≤30-PASS



1-N41--30-30-L-4-DFT-64QAM-Outer_Full-75@0-Ant
1-26.814-28.740-≤30-PASS



1-N41--30-30-L-5-DFT-256QAM-Outer_Full-75@0-A
nt1-26.823-28.920-≤30-PASS



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

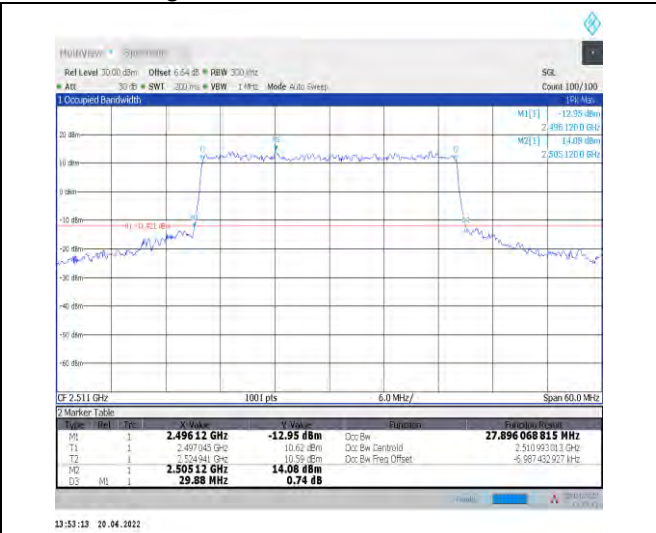
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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



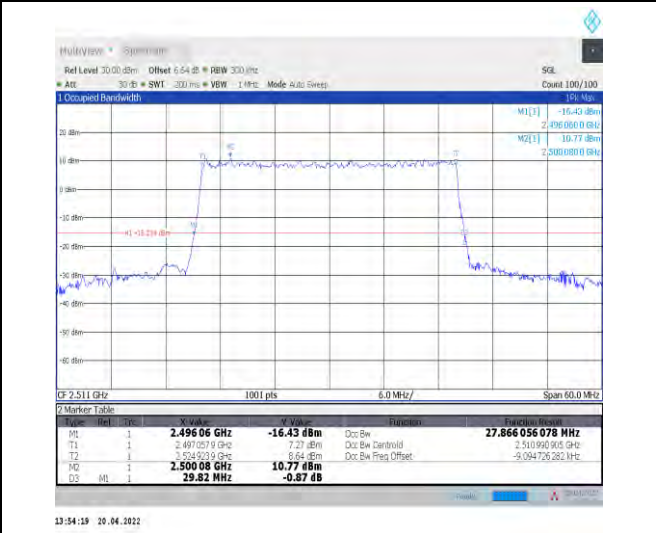
1-N41--30-30-L-6-CP-QPSK-Outer_Full-78@0-Ant1-27.884-30.300-<=30-PASS



1-N41--30-30-L-7-CP-16QAM-Outer_Full-78@0-Ant1-27.896-29.880-<=30-PASS



1-N41--30-30-L-8-CP-64QAM-Outer_Full-78@0-Ant1-27.885-30.060-<=30-PASS

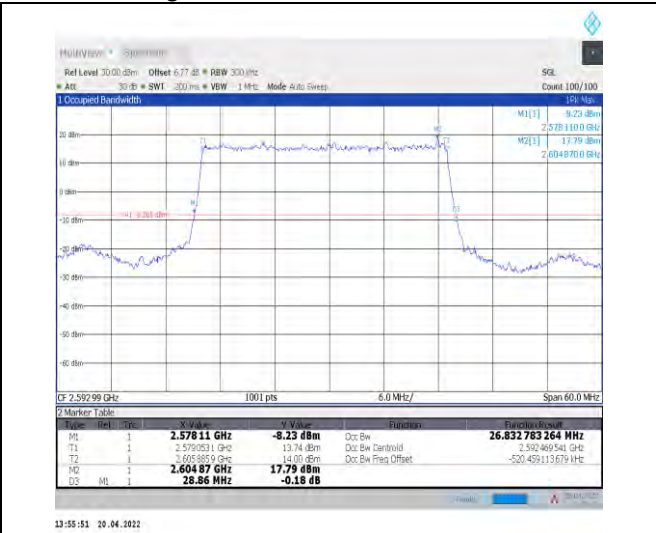


1-N41--30-30-L-9-CP-256QAM-Outer_Full-78@0-Ant1-27.866-29.820-<=30-PASS





1-N41--30-30-M-1-DFT-QPSK-Outer_Full-75@0-Ant
1-26.841-28.800-≤30-PASS



1-N41--30-30-M-2-DFT-PI2BPSK-Outer_Full-75@0-Ant
1-26.833-28.860-≤30-PASS



1-N41--30-30-M-3-DFT-16QAM-Outer_Full-75@0-Ant
t1-26.876-28.800-≤30-PASS



1-N41--30-30-M-4-DFT-64QAM-Outer_Full-75@0-Ant
nt1-26.85-28.920-≤30-PASS

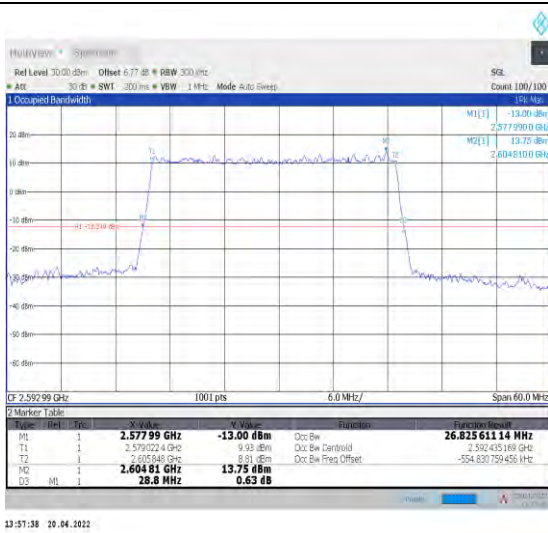


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

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



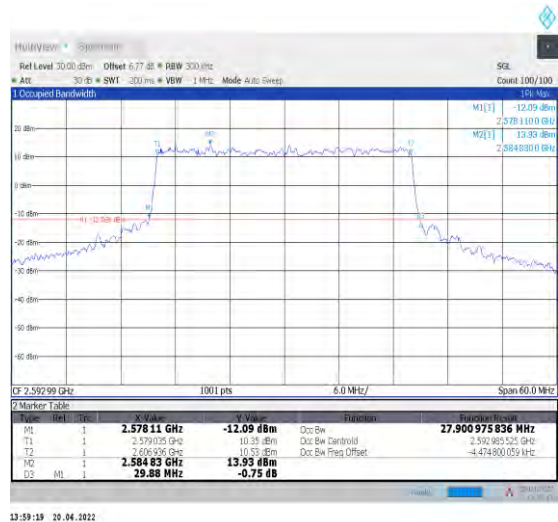
1-N41--30-30-M-5-DFT-256QAM-Outer_Full-75@0-A
 nt1-26.826-28.800-≤30-PASS



1-N41--30-30-M-6-CP-QPSK-Outer_Full-78@0-Ant1
 -27.927-30.060-≤30-PASS



1-N41--30-30-M-7-CP-16QAM-Outer_Full-78@0-Ant
 1-27.906-29.940-≤30-PASS



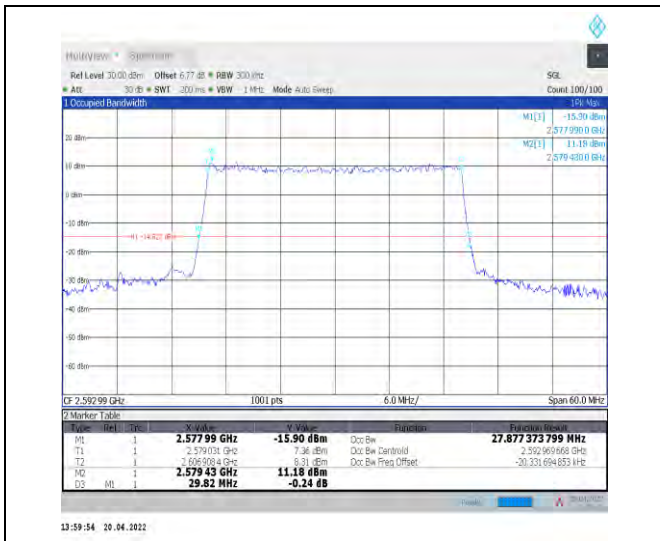
1-N41--30-30-M-8-CP-64QAM-Outer_Full-78@0-Ant
 1-27.901-29.880-≤30-PASS



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

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

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



1-N41--30-30-M-9-CP-256QAM-Outer_Full-78@0-Ant
 t1-27.877-29.820-≤30-PASS



1-N41--30-30-H-1-DFT-QPSK-Outer_Full-75@0-Ant
 1-26.857-28.980-≤30-PASS



1-N41--30-30-H-2-DFT-PI2BPSK-Outer_Full-75@0-Ant
 1-26.858-28.860-≤30-PASS



1-N41--30-30-H-3-DFT-16QAM-Outer_Full-75@0-Ant
 t1-26.879-28.860-≤30-PASS

