



Report No.: SEWA2204000008RG02

Rev.: 01

Page: 1 of 146

Appendix B.39

NR Band n41



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

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

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

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 2 of 146

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N41	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	26.58	27.36	33	PASS
N41	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	26.5	27.28	33	PASS
N41	30	20	DFT-PI2BPSK	L	Outer_Full	26.15	26.93	33	PASS
N41	30	20	DFT-QPSK	L	Inner_1RB_Left	26.63	27.41	33	PASS
N41	30	20	DFT-QPSK	L	Inner_1RB_Right	26.56	27.34	33	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	25.69	26.47	33	PASS
N41	30	20	DFT-16QAM	L	Inner_1RB_Left	25.58	26.36	33	PASS
N41	30	20	DFT-16QAM	L	Inner_1RB_Right	25.44	26.22	33	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	24.64	25.42	33	PASS
N41	30	20	DFT-64QAM	L	Inner_1RB_Left	24.02	24.8	33	PASS
N41	30	20	DFT-64QAM	L	Inner_1RB_Right	23.95	24.73	33	PASS
N41	30	20	DFT-64QAM	L	Outer_Full	24.2	24.98	33	PASS
N41	30	20	DFT-256QAM	L	Inner_1RB_Left	22.04	22.82	33	PASS
N41	30	20	DFT-256QAM	L	Inner_1RB_Right	21.94	22.72	33	PASS
N41	30	20	DFT-256QAM	L	Outer_Full	22.12	22.9	33	PASS
N41	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	26.56	27.34	33	PASS
N41	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	26.84	27.62	33	PASS
N41	30	20	DFT-PI2BPSK	M	Outer_Full	26.21	26.99	33	PASS
N41	30	20	DFT-QPSK	M	Inner_1RB_Left	26.57	27.35	33	PASS
N41	30	20	DFT-QPSK	M	Inner_1RB_Right	26.82	27.6	33	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	25.68	26.46	33	PASS
N41	30	20	DFT-16QAM	M	Inner_1RB_Left	25.57	26.35	33	PASS
N41	30	20	DFT-16QAM	M	Inner_1RB_Right	25.81	26.59	33	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	24.68	25.46	33	PASS
N41	30	20	DFT-64QAM	M	Inner_1RB_Left	23.5	24.28	33	PASS
N41	30	20	DFT-64QAM	M	Inner_1RB_Right	23.87	24.65	33	PASS
N41	30	20	DFT-64QAM	M	Outer_Full	24.2	24.98	33	PASS
N41	30	20	DFT-256QAM	M	Inner_1RB_Left	21.89	22.67	33	PASS
N41	30	20	DFT-256QAM	M	Inner_1RB_Right	22.1	22.88	33	PASS
N41	30	20	DFT-256QAM	M	Outer_Full	22.16	22.94	33	PASS
N41	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	26.4	27.18	33	PASS



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

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

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

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

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 3 of 146

N41	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	26.74	27.52	33	PASS
N41	30	20	DFT-PI2BPSK	H	Outer_Full	25.99	26.77	33	PASS
N41	30	20	DFT-QPSK	H	Inner_1RB_Left	26.36	27.14	33	PASS
N41	30	20	DFT-QPSK	H	Inner_1RB_Right	26.72	27.5	33	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	25.51	26.29	33	PASS
N41	30	20	DFT-16QAM	H	Inner_1RB_Left	25.41	26.19	33	PASS
N41	30	20	DFT-16QAM	H	Inner_1RB_Right	25.59	26.37	33	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	24.51	25.29	33	PASS
N41	30	20	DFT-64QAM	H	Inner_1RB_Left	23.4	24.18	33	PASS
N41	30	20	DFT-64QAM	H	Inner_1RB_Right	23.51	24.29	33	PASS
N41	30	20	DFT-64QAM	H	Outer_Full	24.03	24.81	33	PASS
N41	30	20	DFT-256QAM	H	Inner_1RB_Left	21.78	22.56	33	PASS
N41	30	20	DFT-256QAM	H	Inner_1RB_Right	21.94	22.72	33	PASS
N41	30	20	DFT-256QAM	H	Outer_Full	22.02	22.8	33	PASS
N41	30	30	DFT-PI2BPSK	L	Inner_1RB_Left	26.68	27.46	33	PASS
N41	30	30	DFT-PI2BPSK	L	Inner_1RB_Right	26.78	27.56	33	PASS
N41	30	30	DFT-PI2BPSK	L	Outer_Full	26.14	26.92	33	PASS
N41	30	30	DFT-QPSK	L	Inner_1RB_Left	26.7	27.48	33	PASS
N41	30	30	DFT-QPSK	L	Inner_1RB_Right	26.74	27.52	33	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	25.64	26.42	33	PASS
N41	30	30	DFT-16QAM	L	Inner_1RB_Left	25.67	26.45	33	PASS
N41	30	30	DFT-16QAM	L	Inner_1RB_Right	25.77	26.55	33	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	24.65	25.43	33	PASS
N41	30	30	DFT-64QAM	L	Inner_1RB_Left	23.58	24.36	33	PASS
N41	30	30	DFT-64QAM	L	Inner_1RB_Right	23.71	24.49	33	PASS
N41	30	30	DFT-64QAM	L	Outer_Full	24.06	24.84	33	PASS
N41	30	30	DFT-256QAM	L	Inner_1RB_Left	21.98	22.76	33	PASS
N41	30	30	DFT-256QAM	L	Inner_1RB_Right	22.15	22.93	33	PASS
N41	30	30	DFT-256QAM	L	Outer_Full	22	22.78	33	PASS
N41	30	30	DFT-PI2BPSK	M	Inner_1RB_Left	26.63	27.41	33	PASS
N41	30	30	DFT-PI2BPSK	M	Inner_1RB_Right	27.03	27.81	33	PASS
N41	30	30	DFT-PI2BPSK	M	Outer_Full	26.22	27	33	PASS
N41	30	30	DFT-QPSK	M	Inner_1RB_Left	26.56	27.34	33	PASS
N41	30	30	DFT-QPSK	M	Inner_1RB_Right	26.99	27.77	33	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	25.71	26.49	33	PASS
N41	30	30	DFT-16QAM	M	Inner_1RB_Left	25.6	26.38	33	PASS
N41	30	30	DFT-16QAM	M	Inner_1RB_Right	26.06	26.84	33	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	24.73	25.51	33	PASS



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

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

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

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

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 4 of 146

N41	30	30	DFT-64QAM	M	Inner_1RB_Left	23.4	24.18	33	PASS
N41	30	30	DFT-64QAM	M	Inner_1RB_Right	24.05	24.83	33	PASS
N41	30	30	DFT-64QAM	M	Outer_Full	24.25	25.03	33	PASS
N41	30	30	DFT-256QAM	M	Inner_1RB_Left	21.83	22.61	33	PASS
N41	30	30	DFT-256QAM	M	Inner_1RB_Right	22.39	23.17	33	PASS
N41	30	30	DFT-256QAM	M	Outer_Full	22.2	22.98	33	PASS
N41	30	30	DFT-PI2BPSK	H	Inner_1RB_Left	26.51	27.29	33	PASS
N41	30	30	DFT-PI2BPSK	H	Inner_1RB_Right	26.91	27.69	33	PASS
N41	30	30	DFT-PI2BPSK	H	Outer_Full	26.01	26.79	33	PASS
N41	30	30	DFT-QPSK	H	Inner_1RB_Left	26.41	27.19	33	PASS
N41	30	30	DFT-QPSK	H	Inner_1RB_Right	26.96	27.74	33	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	25.52	26.3	33	PASS
N41	30	30	DFT-16QAM	H	Inner_1RB_Left	25.34	26.12	33	PASS
N41	30	30	DFT-16QAM	H	Inner_1RB_Right	25.78	26.56	33	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	24.58	25.36	33	PASS
N41	30	30	DFT-64QAM	H	Inner_1RB_Left	23.45	24.23	33	PASS
N41	30	30	DFT-64QAM	H	Inner_1RB_Right	23.77	24.55	33	PASS
N41	30	30	DFT-64QAM	H	Outer_Full	24.03	24.81	33	PASS
N41	30	30	DFT-256QAM	H	Inner_1RB_Left	21.75	22.53	33	PASS
N41	30	30	DFT-256QAM	H	Inner_1RB_Right	22.03	22.81	33	PASS
N41	30	30	DFT-256QAM	H	Outer_Full	22.01	22.79	33	PASS
N41	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	26.77	27.55	33	PASS
N41	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	27	27.78	33	PASS
N41	30	40	DFT-PI2BPSK	L	Outer_Full	26.23	27.01	33	PASS
N41	30	40	DFT-QPSK	L	Inner_1RB_Left	26.78	27.56	33	PASS
N41	30	40	DFT-QPSK	L	Inner_1RB_Right	27.01	27.79	33	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	25.68	26.46	33	PASS
N41	30	40	DFT-16QAM	L	Inner_1RB_Left	25.72	26.5	33	PASS
N41	30	40	DFT-16QAM	L	Inner_1RB_Right	25.84	26.62	33	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	24.65	25.43	33	PASS
N41	30	40	DFT-64QAM	L	Inner_1RB_Left	23.6	24.38	33	PASS
N41	30	40	DFT-64QAM	L	Inner_1RB_Right	23.86	24.64	33	PASS
N41	30	40	DFT-64QAM	L	Outer_Full	24.22	25	33	PASS
N41	30	40	DFT-256QAM	L	Inner_1RB_Left	22.1	22.88	33	PASS
N41	30	40	DFT-256QAM	L	Inner_1RB_Right	22.23	23.01	33	PASS
N41	30	40	DFT-256QAM	L	Outer_Full	22.19	22.97	33	PASS
N41	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	26.68	27.46	33	PASS
N41	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	26.98	27.76	33	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> 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厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 5 of 146

N41	30	40	DFT-PI2BPSK	M	Outer_Full	26.21	26.99	33	PASS
N41	30	40	DFT-QPSK	M	Inner_1RB_Left	26.64	27.42	33	PASS
N41	30	40	DFT-QPSK	M	Inner_1RB_Right	26.98	27.76	33	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	25.72	26.5	33	PASS
N41	30	40	DFT-16QAM	M	Inner_1RB_Left	25.59	26.37	33	PASS
N41	30	40	DFT-16QAM	M	Inner_1RB_Right	25.93	26.71	33	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	24.72	25.5	33	PASS
N41	30	40	DFT-64QAM	M	Inner_1RB_Left	23.5	24.28	33	PASS
N41	30	40	DFT-64QAM	M	Inner_1RB_Right	23.86	24.64	33	PASS
N41	30	40	DFT-64QAM	M	Outer_Full	24.27	25.05	33	PASS
N41	30	40	DFT-256QAM	M	Inner_1RB_Left	22	22.78	33	PASS
N41	30	40	DFT-256QAM	M	Inner_1RB_Right	22.25	23.03	33	PASS
N41	30	40	DFT-256QAM	M	Outer_Full	22.23	23.01	33	PASS
N41	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	26.65	27.43	33	PASS
N41	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	26.99	27.77	33	PASS
N41	30	40	DFT-PI2BPSK	H	Outer_Full	26.08	26.86	33	PASS
N41	30	40	DFT-QPSK	H	Inner_1RB_Left	26.56	27.34	33	PASS
N41	30	40	DFT-QPSK	H	Inner_1RB_Right	27.04	27.82	33	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	25.57	26.35	33	PASS
N41	30	40	DFT-16QAM	H	Inner_1RB_Left	25.53	26.31	33	PASS
N41	30	40	DFT-16QAM	H	Inner_1RB_Right	25.82	26.6	33	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	24.57	25.35	33	PASS
N41	30	40	DFT-64QAM	H	Inner_1RB_Left	23.5	24.28	33	PASS
N41	30	40	DFT-64QAM	H	Inner_1RB_Right	23.9	24.68	33	PASS
N41	30	40	DFT-64QAM	H	Outer_Full	24.11	24.89	33	PASS
N41	30	40	DFT-256QAM	H	Inner_1RB_Left	21.87	22.65	33	PASS
N41	30	40	DFT-256QAM	H	Inner_1RB_Right	22.13	22.91	33	PASS
N41	30	40	DFT-256QAM	H	Outer_Full	22.11	22.89	33	PASS
N41	30	50	DFT-PI2BPSK	L	Inner_1RB_Left	26.7	27.48	33	PASS
N41	30	50	DFT-PI2BPSK	L	Inner_1RB_Right	26.69	27.47	33	PASS
N41	30	50	DFT-PI2BPSK	L	Outer_Full	26.17	26.95	33	PASS
N41	30	50	DFT-QPSK	L	Inner_1RB_Left	26.59	27.37	33	PASS
N41	30	50	DFT-QPSK	L	Inner_1RB_Right	26.69	27.47	33	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	25.66	26.44	33	PASS
N41	30	50	DFT-16QAM	L	Inner_1RB_Left	25.45	26.23	33	PASS
N41	30	50	DFT-16QAM	L	Inner_1RB_Right	25.72	26.5	33	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	24.65	25.43	33	PASS
N41	30	50	DFT-64QAM	L	Inner_1RB_Left	23.46	24.24	33	PASS



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

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

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

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



Report No.: SEWA2204000008RG02

Rev.: 01

Page: 6 of 146

N41	30	50	DFT-64QAM	L	Inner_1RB_Right	23.73	24.51	33	PASS
N41	30	50	DFT-64QAM	L	Outer_Full	24.18	24.96	33	PASS
N41	30	50	DFT-256QAM	L	Inner_1RB_Left	21.92	22.7	33	PASS
N41	30	50	DFT-256QAM	L	Inner_1RB_Right	22.08	22.86	33	PASS
N41	30	50	DFT-256QAM	L	Outer_Full	22.14	22.92	33	PASS
N41	30	50	DFT-PI2BPSK	M	Inner_1RB_Left	26.62	27.4	33	PASS
N41	30	50	DFT-PI2BPSK	M	Inner_1RB_Right	26.91	27.69	33	PASS
N41	30	50	DFT-PI2BPSK	M	Outer_Full	26.19	26.97	33	PASS
N41	30	50	DFT-QPSK	M	Inner_1RB_Left	26.68	27.46	33	PASS
N41	30	50	DFT-QPSK	M	Inner_1RB_Right	26.85	27.63	33	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	25.7	26.48	33	PASS
N41	30	50	DFT-16QAM	M	Inner_1RB_Left	25.64	26.42	33	PASS
N41	30	50	DFT-16QAM	M	Inner_1RB_Right	25.81	26.59	33	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	24.67	25.45	33	PASS
N41	30	50	DFT-64QAM	M	Inner_1RB_Left	23.53	24.31	33	PASS
N41	30	50	DFT-64QAM	M	Inner_1RB_Right	23.78	24.56	33	PASS
N41	30	50	DFT-64QAM	M	Outer_Full	24.19	24.97	33	PASS
N41	30	50	DFT-256QAM	M	Inner_1RB_Left	21.99	22.77	33	PASS
N41	30	50	DFT-256QAM	M	Inner_1RB_Right	22.28	23.06	33	PASS
N41	30	50	DFT-256QAM	M	Outer_Full	22.18	22.96	33	PASS
N41	30	50	DFT-PI2BPSK	H	Inner_1RB_Left	26.45	27.23	33	PASS
N41	30	50	DFT-PI2BPSK	H	Inner_1RB_Right	26.78	27.56	33	PASS
N41	30	50	DFT-PI2BPSK	H	Outer_Full	25.96	26.74	33	PASS
N41	30	50	DFT-QPSK	H	Inner_1RB_Left	26.5	27.28	33	PASS
N41	30	50	DFT-QPSK	H	Inner_1RB_Right	26.74	27.52	33	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	25.46	26.24	33	PASS
N41	30	50	DFT-16QAM	H	Inner_1RB_Left	25.32	26.1	33	PASS
N41	30	50	DFT-16QAM	H	Inner_1RB_Right	25.67	26.45	33	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	24.46	25.24	33	PASS
N41	30	50	DFT-64QAM	H	Inner_1RB_Left	23.45	24.23	33	PASS
N41	30	50	DFT-64QAM	H	Inner_1RB_Right	23.67	24.45	33	PASS
N41	30	50	DFT-64QAM	H	Outer_Full	23.95	24.73	33	PASS
N41	30	50	DFT-256QAM	H	Inner_1RB_Left	21.73	22.51	33	PASS
N41	30	50	DFT-256QAM	H	Inner_1RB_Right	22.14	22.92	33	PASS
N41	30	50	DFT-256QAM	H	Outer_Full	21.95	22.73	33	PASS
N41	30	60	DFT-PI2BPSK	L	Inner_1RB_Left	26.55	27.33	33	PASS
N41	30	60	DFT-PI2BPSK	L	Inner_1RB_Right	26.67	27.45	33	PASS
N41	30	60	DFT-PI2BPSK	L	Outer_Full	26.2	26.98	33	PASS



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

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



Report No.: SEWA2204000008RG02

Rev.: 01

Page: 7 of 146

N41	30	60	DFT-QPSK	L	Inner_1RB_Left	26.54	27.32	33	PASS
N41	30	60	DFT-QPSK	L	Inner_1RB_Right	26.69	27.47	33	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	25.58	26.36	33	PASS
N41	30	60	DFT-16QAM	L	Inner_1RB_Left	25.41	26.19	33	PASS
N41	30	60	DFT-16QAM	L	Inner_1RB_Right	25.58	26.36	33	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	24.56	25.34	33	PASS
N41	30	60	DFT-64QAM	L	Inner_1RB_Left	23.4	24.18	33	PASS
N41	30	60	DFT-64QAM	L	Inner_1RB_Right	23.58	24.36	33	PASS
N41	30	60	DFT-64QAM	L	Outer_Full	24.13	24.91	33	PASS
N41	30	60	DFT-256QAM	L	Inner_1RB_Left	21.84	22.62	33	PASS
N41	30	60	DFT-256QAM	L	Inner_1RB_Right	21.92	22.7	33	PASS
N41	30	60	DFT-256QAM	L	Outer_Full	22.05	22.83	33	PASS
N41	30	60	DFT-PI2BPSK	M	Inner_1RB_Left	26.59	27.37	33	PASS
N41	30	60	DFT-PI2BPSK	M	Inner_1RB_Right	26.89	27.67	33	PASS
N41	30	60	DFT-PI2BPSK	M	Outer_Full	26.19	26.97	33	PASS
N41	30	60	DFT-QPSK	M	Inner_1RB_Left	26.64	27.42	33	PASS
N41	30	60	DFT-QPSK	M	Inner_1RB_Right	26.79	27.57	33	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	25.69	26.47	33	PASS
N41	30	60	DFT-16QAM	M	Inner_1RB_Left	25.62	26.4	33	PASS
N41	30	60	DFT-16QAM	M	Inner_1RB_Right	25.93	26.71	33	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	24.7	25.48	33	PASS
N41	30	60	DFT-64QAM	M	Inner_1RB_Left	23.6	24.38	33	PASS
N41	30	60	DFT-64QAM	M	Inner_1RB_Right	23.76	24.54	33	PASS
N41	30	60	DFT-64QAM	M	Outer_Full	24.22	25	33	PASS
N41	30	60	DFT-256QAM	M	Inner_1RB_Left	21.91	22.69	33	PASS
N41	30	60	DFT-256QAM	M	Inner_1RB_Right	22.24	23.02	33	PASS
N41	30	60	DFT-256QAM	M	Outer_Full	22.16	22.94	33	PASS
N41	30	60	DFT-PI2BPSK	H	Inner_1RB_Left	26.65	27.43	33	PASS
N41	30	60	DFT-PI2BPSK	H	Inner_1RB_Right	26.78	27.56	33	PASS
N41	30	60	DFT-PI2BPSK	H	Outer_Full	25.99	26.77	33	PASS
N41	30	60	DFT-QPSK	H	Inner_1RB_Left	26.56	27.34	33	PASS
N41	30	60	DFT-QPSK	H	Inner_1RB_Right	26.82	27.6	33	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	25.5	26.28	33	PASS
N41	30	60	DFT-16QAM	H	Inner_1RB_Left	25.66	26.44	33	PASS
N41	30	60	DFT-16QAM	H	Inner_1RB_Right	25.63	26.41	33	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	24.48	25.26	33	PASS
N41	30	60	DFT-64QAM	H	Inner_1RB_Left	23.36	24.14	33	PASS
N41	30	60	DFT-64QAM	H	Inner_1RB_Right	23.77	24.55	33	PASS



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

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



Report No.: SEWA2204000008RG02

Rev.: 01

Page: 8 of 146

N41	30	60	DFT-64QAM	H	Outer_Full	24.09	24.87	33	PASS
N41	30	60	DFT-256QAM	H	Inner_1RB_Left	21.97	22.75	33	PASS
N41	30	60	DFT-256QAM	H	Inner_1RB_Right	22.15	22.93	33	PASS
N41	30	60	DFT-256QAM	H	Outer_Full	21.99	22.77	33	PASS
N41	30	70	DFT-PI2BPSK	L	Inner_1RB_Left	26.48	27.26	33	PASS
N41	30	70	DFT-PI2BPSK	L	Inner_1RB_Right	26.62	27.4	33	PASS
N41	30	70	DFT-PI2BPSK	L	Outer_Full	26.01	26.79	33	PASS
N41	30	70	DFT-QPSK	L	Inner_1RB_Left	26.5	27.28	33	PASS
N41	30	70	DFT-QPSK	L	Inner_1RB_Right	26.63	27.41	33	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	25.48	26.26	33	PASS
N41	30	70	DFT-16QAM	L	Inner_1RB_Left	25.4	26.18	33	PASS
N41	30	70	DFT-16QAM	L	Inner_1RB_Right	25.65	26.43	33	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	24.45	25.23	33	PASS
N41	30	70	DFT-64QAM	L	Inner_1RB_Left	23.24	24.02	33	PASS
N41	30	70	DFT-64QAM	L	Inner_1RB_Right	23.48	24.26	33	PASS
N41	30	70	DFT-64QAM	L	Outer_Full	24	24.78	33	PASS
N41	30	70	DFT-256QAM	L	Inner_1RB_Left	21.73	22.51	33	PASS
N41	30	70	DFT-256QAM	L	Inner_1RB_Right	21.98	22.76	33	PASS
N41	30	70	DFT-256QAM	L	Outer_Full	21.98	22.76	33	PASS
N41	30	70	DFT-PI2BPSK	M	Inner_1RB_Left	26.39	27.17	33	PASS
N41	30	70	DFT-PI2BPSK	M	Inner_1RB_Right	26.87	27.65	33	PASS
N41	30	70	DFT-PI2BPSK	M	Outer_Full	26.04	26.82	33	PASS
N41	30	70	DFT-QPSK	M	Inner_1RB_Left	26.47	27.25	33	PASS
N41	30	70	DFT-QPSK	M	Inner_1RB_Right	26.82	27.6	33	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	25.52	26.3	33	PASS
N41	30	70	DFT-16QAM	M	Inner_1RB_Left	25.23	26.01	33	PASS
N41	30	70	DFT-16QAM	M	Inner_1RB_Right	25.88	26.66	33	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	24.5	25.28	33	PASS
N41	30	70	DFT-64QAM	M	Inner_1RB_Left	23.2	23.98	33	PASS
N41	30	70	DFT-64QAM	M	Inner_1RB_Right	23.61	24.39	33	PASS
N41	30	70	DFT-64QAM	M	Outer_Full	24.06	24.84	33	PASS
N41	30	70	DFT-256QAM	M	Inner_1RB_Left	21.66	22.44	33	PASS
N41	30	70	DFT-256QAM	M	Inner_1RB_Right	22.1	22.88	33	PASS
N41	30	70	DFT-256QAM	M	Outer_Full	22.03	22.81	33	PASS
N41	30	70	DFT-PI2BPSK	H	Inner_1RB_Left	26.63	27.41	33	PASS
N41	30	70	DFT-PI2BPSK	H	Inner_1RB_Right	26.58	27.36	33	PASS
N41	30	70	DFT-PI2BPSK	H	Outer_Full	25.98	26.76	33	PASS
N41	30	70	DFT-QPSK	H	Inner_1RB_Left	26.68	27.46	33	PASS



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

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



Report No.: SEWA2204000008RG02

Rev.: 01

Page: 9 of 146

N41	30	70	DFT-QPSK	H	Inner_1RB_Right	26.46	27.24	33	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	25.47	26.25	33	PASS
N41	30	70	DFT-16QAM	H	Inner_1RB_Left	25.68	26.46	33	PASS
N41	30	70	DFT-16QAM	H	Inner_1RB_Right	25.43	26.21	33	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	24.45	25.23	33	PASS
N41	30	70	DFT-64QAM	H	Inner_1RB_Left	23.69	24.47	33	PASS
N41	30	70	DFT-64QAM	H	Inner_1RB_Right	23.39	24.17	33	PASS
N41	30	70	DFT-64QAM	H	Outer_Full	24.04	24.82	33	PASS
N41	30	70	DFT-256QAM	H	Inner_1RB_Left	22.02	22.8	33	PASS
N41	30	70	DFT-256QAM	H	Inner_1RB_Right	21.76	22.54	33	PASS
N41	30	70	DFT-256QAM	H	Outer_Full	22.03	22.81	33	PASS
N41	30	80	DFT-PI2BPSK	L	Inner_1RB_Left	26.38	27.16	33	PASS
N41	30	80	DFT-PI2BPSK	L	Inner_1RB_Right	26.55	27.33	33	PASS
N41	30	80	DFT-PI2BPSK	L	Outer_Full	25.96	26.74	33	PASS
N41	30	80	DFT-QPSK	L	Inner_1RB_Left	26.34	27.12	33	PASS
N41	30	80	DFT-QPSK	L	Inner_1RB_Right	26.61	27.39	33	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	25.48	26.26	33	PASS
N41	30	80	DFT-16QAM	L	Inner_1RB_Left	25.34	26.12	33	PASS
N41	30	80	DFT-16QAM	L	Inner_1RB_Right	25.51	26.29	33	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	24.51	25.29	33	PASS
N41	30	80	DFT-64QAM	L	Inner_1RB_Left	23.19	23.97	33	PASS
N41	30	80	DFT-64QAM	L	Inner_1RB_Right	23.6	24.38	33	PASS
N41	30	80	DFT-64QAM	L	Outer_Full	24.01	24.79	33	PASS
N41	30	80	DFT-256QAM	L	Inner_1RB_Left	21.66	22.44	33	PASS
N41	30	80	DFT-256QAM	L	Inner_1RB_Right	21.92	22.7	33	PASS
N41	30	80	DFT-256QAM	L	Outer_Full	21.97	22.75	33	PASS
N41	30	80	DFT-PI2BPSK	M	Inner_1RB_Left	26.21	26.99	33	PASS
N41	30	80	DFT-PI2BPSK	M	Inner_1RB_Right	26.78	27.56	33	PASS
N41	30	80	DFT-PI2BPSK	M	Outer_Full	26	26.78	33	PASS
N41	30	80	DFT-QPSK	M	Inner_1RB_Left	26.28	27.06	33	PASS
N41	30	80	DFT-QPSK	M	Inner_1RB_Right	26.74	27.52	33	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	25.53	26.31	33	PASS
N41	30	80	DFT-16QAM	M	Inner_1RB_Left	25.07	25.85	33	PASS
N41	30	80	DFT-16QAM	M	Inner_1RB_Right	25.69	26.47	33	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	24.54	25.32	33	PASS
N41	30	80	DFT-64QAM	M	Inner_1RB_Left	23.24	24.02	33	PASS
N41	30	80	DFT-64QAM	M	Inner_1RB_Right	23.78	24.56	33	PASS
N41	30	80	DFT-64QAM	M	Outer_Full	24.03	24.81	33	PASS



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

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

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

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



Report No.: SEWA2204000008RG02

Rev.: 01

Page: 10 of 146

N41	30	80	DFT-256QAM	M	Inner_1RB_Left	21.5	22.28	33	PASS
N41	30	80	DFT-256QAM	M	Inner_1RB_Right	22.05	22.83	33	PASS
N41	30	80	DFT-256QAM	M	Outer_Full	22.02	22.8	33	PASS
N41	30	80	DFT-PI2BPSK	H	Inner_1RB_Left	26.49	27.27	33	PASS
N41	30	80	DFT-PI2BPSK	H	Inner_1RB_Right	26.63	27.41	33	PASS
N41	30	80	DFT-PI2BPSK	H	Outer_Full	26.02	26.8	33	PASS
N41	30	80	DFT-QPSK	H	Inner_1RB_Left	26.46	27.24	33	PASS
N41	30	80	DFT-QPSK	H	Inner_1RB_Right	26.73	27.51	33	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	25.49	26.27	33	PASS
N41	30	80	DFT-16QAM	H	Inner_1RB_Left	25.39	26.17	33	PASS
N41	30	80	DFT-16QAM	H	Inner_1RB_Right	25.51	26.29	33	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	24.52	25.3	33	PASS
N41	30	80	DFT-64QAM	H	Inner_1RB_Left	23.39	24.17	33	PASS
N41	30	80	DFT-64QAM	H	Inner_1RB_Right	23.63	24.41	33	PASS
N41	30	80	DFT-64QAM	H	Outer_Full	24.03	24.81	33	PASS
N41	30	80	DFT-256QAM	H	Inner_1RB_Left	21.81	22.59	33	PASS
N41	30	80	DFT-256QAM	H	Inner_1RB_Right	21.89	22.67	33	PASS
N41	30	80	DFT-256QAM	H	Outer_Full	22.04	22.82	33	PASS
N41	30	90	DFT-PI2BPSK	L	Inner_1RB_Left	26.33	27.11	33	PASS
N41	30	90	DFT-PI2BPSK	L	Inner_1RB_Right	26.56	27.34	33	PASS
N41	30	90	DFT-PI2BPSK	L	Outer_Full	25.93	26.71	33	PASS
N41	30	90	DFT-QPSK	L	Inner_1RB_Left	26.36	27.14	33	PASS
N41	30	90	DFT-QPSK	L	Inner_1RB_Right	26.51	27.29	33	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	25.43	26.21	33	PASS
N41	30	90	DFT-16QAM	L	Inner_1RB_Left	25.36	26.14	33	PASS
N41	30	90	DFT-16QAM	L	Inner_1RB_Right	25.56	26.34	33	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	24.44	25.22	33	PASS
N41	30	90	DFT-64QAM	L	Inner_1RB_Left	23.24	24.02	33	PASS
N41	30	90	DFT-64QAM	L	Inner_1RB_Right	23.42	24.2	33	PASS
N41	30	90	DFT-64QAM	L	Outer_Full	23.96	24.74	33	PASS
N41	30	90	DFT-256QAM	L	Inner_1RB_Left	21.67	22.45	33	PASS
N41	30	90	DFT-256QAM	L	Inner_1RB_Right	21.89	22.67	33	PASS
N41	30	90	DFT-256QAM	L	Outer_Full	21.96	22.74	33	PASS
N41	30	90	DFT-PI2BPSK	M	Inner_1RB_Left	26.22	27	33	PASS
N41	30	90	DFT-PI2BPSK	M	Inner_1RB_Right	26.73	27.51	33	PASS
N41	30	90	DFT-PI2BPSK	M	Outer_Full	26.01	26.79	33	PASS
N41	30	90	DFT-QPSK	M	Inner_1RB_Left	26.25	27.03	33	PASS
N41	30	90	DFT-QPSK	M	Inner_1RB_Right	26.76	27.54	33	PASS



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

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

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 11 of 146

N41	30	90	DFT-QPSK	M	Outer_Full	25.51	26.29	33	PASS
N41	30	90	DFT-16QAM	M	Inner_1RB_Left	25.16	25.94	33	PASS
N41	30	90	DFT-16QAM	M	Inner_1RB_Right	25.62	26.4	33	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	24.47	25.25	33	PASS
N41	30	90	DFT-64QAM	M	Inner_1RB_Left	23.05	23.83	33	PASS
N41	30	90	DFT-64QAM	M	Inner_1RB_Right	23.59	24.37	33	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	24.03	24.81	33	PASS
N41	30	90	DFT-256QAM	M	Inner_1RB_Left	21.42	22.2	33	PASS
N41	30	90	DFT-256QAM	M	Inner_1RB_Right	22.06	22.84	33	PASS
N41	30	90	DFT-256QAM	M	Outer_Full	22	22.78	33	PASS
N41	30	90	DFT-PI2BPSK	H	Inner_1RB_Left	26.59	27.37	33	PASS
N41	30	90	DFT-PI2BPSK	H	Inner_1RB_Right	26.7	27.48	33	PASS
N41	30	90	DFT-PI2BPSK	H	Outer_Full	26.02	26.8	33	PASS
N41	30	90	DFT-QPSK	H	Inner_1RB_Left	26.58	27.36	33	PASS
N41	30	90	DFT-QPSK	H	Inner_1RB_Right	26.77	27.55	33	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	25.53	26.31	33	PASS
N41	30	90	DFT-16QAM	H	Inner_1RB_Left	25.5	26.28	33	PASS
N41	30	90	DFT-16QAM	H	Inner_1RB_Right	25.64	26.42	33	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	24.55	25.33	33	PASS
N41	30	90	DFT-64QAM	H	Inner_1RB_Left	23.32	24.1	33	PASS
N41	30	90	DFT-64QAM	H	Inner_1RB_Right	23.58	24.36	33	PASS
N41	30	90	DFT-64QAM	H	Outer_Full	24.05	24.83	33	PASS
N41	30	90	DFT-256QAM	H	Inner_1RB_Left	21.73	22.51	33	PASS
N41	30	90	DFT-256QAM	H	Inner_1RB_Right	21.9	22.68	33	PASS
N41	30	90	DFT-256QAM	H	Outer_Full	22.05	22.83	33	PASS
N41	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	26.36	27.14	33	PASS
N41	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	26.87	27.65	33	PASS
N41	30	100	DFT-PI2BPSK	L	Outer_Full	25.95	26.73	33	PASS
N41	30	100	DFT-QPSK	L	Inner_1RB_Left	26.41	27.19	33	PASS
N41	30	100	DFT-QPSK	L	Inner_1RB_Right	26.85	27.63	33	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	25.46	26.24	33	PASS
N41	30	100	DFT-16QAM	L	Inner_1RB_Left	25.34	26.12	33	PASS
N41	30	100	DFT-16QAM	L	Inner_1RB_Right	25.84	26.62	33	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	24.5	25.28	33	PASS
N41	30	100	DFT-64QAM	L	Inner_1RB_Left	23.29	24.07	33	PASS
N41	30	100	DFT-64QAM	L	Inner_1RB_Right	23.73	24.51	33	PASS
N41	30	100	DFT-64QAM	L	Outer_Full	24.01	24.79	33	PASS
N41	30	100	DFT-256QAM	L	Inner_1RB_Left	21.7	22.48	33	PASS



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

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



Report No.: SEWA2204000008RG02

Rev.: 01

Page: 12 of 146

N41	30	100	DFT-256QAM	L	Inner_1RB_Right	22.18	22.96	33	PASS
N41	30	100	DFT-256QAM	L	Outer_Full	21.98	22.76	33	PASS
N41	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	26.29	27.07	33	PASS
N41	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	26.7	27.48	33	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	26.01	26.79	33	PASS
N41	30	100	DFT-QPSK	M	Inner_1RB_Left	26.28	27.06	33	PASS
N41	30	100	DFT-QPSK	M	Inner_1RB_Right	26.75	27.53	33	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	25.51	26.29	33	PASS
N41	30	100	DFT-16QAM	M	Inner_1RB_Left	25.24	26.02	33	PASS
N41	30	100	DFT-16QAM	M	Inner_1RB_Right	25.68	26.46	33	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	24.49	25.27	33	PASS
N41	30	100	DFT-64QAM	M	Inner_1RB_Left	23.17	23.95	33	PASS
N41	30	100	DFT-64QAM	M	Inner_1RB_Right	23.61	24.39	33	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	24	24.78	33	PASS
N41	30	100	DFT-256QAM	M	Inner_1RB_Left	21.55	22.33	33	PASS
N41	30	100	DFT-256QAM	M	Inner_1RB_Right	22.05	22.83	33	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	21.99	22.77	33	PASS
N41	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	26.47	27.25	33	PASS
N41	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	26.81	27.59	33	PASS
N41	30	100	DFT-PI2BPSK	H	Outer_Full	26.14	26.92	33	PASS
N41	30	100	DFT-QPSK	H	Inner_1RB_Left	26.44	27.22	33	PASS
N41	30	100	DFT-QPSK	H	Inner_1RB_Right	26.78	27.56	33	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	25.6	26.38	33	PASS
N41	30	100	DFT-16QAM	H	Inner_1RB_Left	25.4	26.18	33	PASS
N41	30	100	DFT-16QAM	H	Inner_1RB_Right	25.64	26.42	33	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	24.63	25.41	33	PASS
N41	30	100	DFT-64QAM	H	Inner_1RB_Left	23.38	24.16	33	PASS
N41	30	100	DFT-64QAM	H	Inner_1RB_Right	23.67	24.45	33	PASS
N41	30	100	DFT-64QAM	H	Outer_Full	24.15	24.93	33	PASS
N41	30	100	DFT-256QAM	H	Inner_1RB_Left	21.76	22.54	33	PASS
N41	30	100	DFT-256QAM	H	Inner_1RB_Right	22.07	22.85	33	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	22.12	22.9	33	PASS



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

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

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

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

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 13 of 146

Effective (Isotropic) Radiated Power Output Data for MIMO

Test Result

Band	SCS	Band width	Modulation	Chan nel	RB Config	Power Ant1	Power Ant2	Total Power	ERIP	Verdict
N41	30	20	CP-QPSK	L	Inner_1RB_Left	22	22.3	25.16	25.94	PASS
N41	30	20	CP-QPSK	L	Inner_1RB_Right	21.97	22.04	25.02	25.8	PASS
N41	30	20	CP-QPSK	L	Outer_Full	20.63	20.44	23.55	24.33	PASS
N41	30	20	CP-16QAM	L	Inner_1RB_Left	21.38	21.51	24.46	25.24	PASS
N41	30	20	CP-16QAM	L	Inner_1RB_Right	21.46	21.26	24.37	25.15	PASS
N41	30	20	CP-16QAM	L	Outer_Full	20.64	20.42	23.54	24.32	PASS
N41	30	20	CP-64QAM	L	Inner_1RB_Left	20.11	19.63	22.89	23.67	PASS
N41	30	20	CP-64QAM	L	Inner_1RB_Right	20.09	19.54	22.83	23.61	PASS
N41	30	20	CP-64QAM	L	Outer_Full	20.2	20.06	23.14	23.92	PASS
N41	30	20	CP-256QAM	L	Inner_1RB_Left	17.15	17.01	20.09	20.87	PASS
N41	30	20	CP-256QAM	L	Inner_1RB_Right	17.2	16.91	20.07	20.85	PASS
N41	30	20	CP-256QAM	L	Outer_Full	17.22	17	20.12	20.9	PASS
N41	30	20	CP-QPSK	M	Inner_1RB_Left	21.96	21.84	24.91	25.69	PASS
N41	30	20	CP-QPSK	M	Inner_1RB_Right	22.4	21.95	25.19	25.97	PASS
N41	30	20	CP-QPSK	M	Outer_Full	20.77	20.15	23.48	24.26	PASS
N41	30	20	CP-16QAM	M	Inner_1RB_Left	21.5	21.15	24.34	25.12	PASS
N41	30	20	CP-16QAM	M	Inner_1RB_Right	21.75	21.29	24.54	25.32	PASS
N41	30	20	CP-16QAM	M	Outer_Full	20.73	20.15	23.46	24.24	PASS
N41	30	20	CP-64QAM	M	Inner_1RB_Left	19.99	19.25	22.65	23.43	PASS
N41	30	20	CP-64QAM	M	Inner_1RB_Right	20.37	19.38	22.91	23.69	PASS
N41	30	20	CP-64QAM	M	Outer_Full	20.34	19.78	23.08	23.86	PASS
N41	30	20	CP-256QAM	M	Inner_1RB_Left	17.07	16.61	19.86	20.64	PASS
N41	30	20	CP-256QAM	M	Inner_1RB_Right	17.54	16.8	20.2	20.98	PASS
N41	30	20	CP-256QAM	M	Outer_Full	17.32	16.7	20.03	20.81	PASS
N41	30	20	CP-QPSK	H	Inner_1RB_Left	22.04	21.78	24.92	25.7	PASS
N41	30	20	CP-QPSK	H	Inner_1RB_Right	22.37	21.74	25.08	25.86	PASS
N41	30	20	CP-QPSK	H	Outer_Full	20.73	20.13	23.45	24.23	PASS
N41	30	20	CP-16QAM	H	Inner_1RB_Left	21.51	20.96	24.25	25.03	PASS
N41	30	20	CP-16QAM	H	Inner_1RB_Right	21.83	20.94	24.42	25.2	PASS
N41	30	20	CP-16QAM	H	Outer_Full	20.72	20.12	23.44	24.22	PASS



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

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

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

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



Report No.: SEWA2204000008RG02

Rev.: 01

Page: 14 of 146

N41	30	20	CP-64QAM	H	Inner_1RB_Left	20.1	19.12	22.65	23.43	PASS
N41	30	20	CP-64QAM	H	Inner_1RB_Right	20.29	19.2	22.79	23.57	PASS
N41	30	20	CP-64QAM	H	Outer_Full	20.27	19.73	23.02	23.8	PASS
N41	30	20	CP-256QAM	H	Inner_1RB_Left	17.19	16.56	19.9	20.68	PASS
N41	30	20	CP-256QAM	H	Inner_1RB_Right	17.39	16.61	20.03	20.81	PASS
N41	30	20	CP-256QAM	H	Outer_Full	17.25	16.69	19.99	20.77	PASS
N41	30	30	CP-QPSK	L	Inner_1RB_Left	21.98	22.16	25.08	25.86	PASS
N41	30	30	CP-QPSK	L	Inner_1RB_Right	22.18	22.12	25.16	25.94	PASS
N41	30	30	CP-QPSK	L	Outer_Full	20.67	20.38	23.54	24.32	PASS
N41	30	30	CP-16QAM	L	Inner_1RB_Left	21.38	21.44	24.42	25.2	PASS
N41	30	30	CP-16QAM	L	Inner_1RB_Right	21.43	21.11	24.28	25.06	PASS
N41	30	30	CP-16QAM	L	Outer_Full	20.67	20.43	23.56	24.34	PASS
N41	30	30	CP-64QAM	L	Inner_1RB_Left	20.07	19.72	22.91	23.69	PASS
N41	30	30	CP-64QAM	L	Inner_1RB_Right	20.18	19.42	22.83	23.61	PASS
N41	30	30	CP-64QAM	L	Outer_Full	20.23	19.98	23.12	23.9	PASS
N41	30	30	CP-256QAM	L	Inner_1RB_Left	17.23	17.02	20.14	20.92	PASS
N41	30	30	CP-256QAM	L	Inner_1RB_Right	17.23	16.97	20.11	20.89	PASS
N41	30	30	CP-256QAM	L	Outer_Full	17.27	17	20.15	20.93	PASS
N41	30	30	CP-QPSK	M	Inner_1RB_Left	22.09	22.05	25.08	25.86	PASS
N41	30	30	CP-QPSK	M	Inner_1RB_Right	22.56	22.15	25.37	26.15	PASS
N41	30	30	CP-QPSK	M	Outer_Full	20.83	20.17	23.52	24.3	PASS
N41	30	30	CP-16QAM	M	Inner_1RB_Left	21.47	21.36	24.43	25.21	PASS
N41	30	30	CP-16QAM	M	Inner_1RB_Right	22.09	21.37	24.76	25.54	PASS
N41	30	30	CP-16QAM	M	Outer_Full	20.82	20.22	23.54	24.32	PASS
N41	30	30	CP-64QAM	M	Inner_1RB_Left	20.14	19.28	22.74	23.52	PASS
N41	30	30	CP-64QAM	M	Inner_1RB_Right	20.57	19.46	23.06	23.84	PASS
N41	30	30	CP-64QAM	M	Outer_Full	20.39	19.76	23.1	23.88	PASS
N41	30	30	CP-256QAM	M	Inner_1RB_Left	17.16	16.72	19.96	20.74	PASS
N41	30	30	CP-256QAM	M	Inner_1RB_Right	17.5	16.88	20.21	20.99	PASS
N41	30	30	CP-256QAM	M	Outer_Full	17.41	16.78	20.12	20.9	PASS
N41	30	30	CP-QPSK	H	Inner_1RB_Left	22.12	21.94	25.04	25.82	PASS
N41	30	30	CP-QPSK	H	Inner_1RB_Right	22.38	22.02	25.21	25.99	PASS
N41	30	30	CP-QPSK	H	Outer_Full	20.76	20.14	23.47	24.25	PASS
N41	30	30	CP-16QAM	H	Inner_1RB_Left	21.55	21.04	24.31	25.09	PASS
N41	30	30	CP-16QAM	H	Inner_1RB_Right	21.92	21.12	24.55	25.33	PASS
N41	30	30	CP-16QAM	H	Outer_Full	20.77	20.17	23.49	24.27	PASS
N41	30	30	CP-64QAM	H	Inner_1RB_Left	20.13	19.25	22.72	23.5	PASS
N41	30	30	CP-64QAM	H	Inner_1RB_Right	20.61	19.37	23.04	23.82	PASS



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

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

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

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



Report No.: SEWA2204000008RG02

Rev.: 01

Page: 15 of 146

N41	30	30	CP-64QAM	H	Outer_Full	20.33	19.76	23.06	23.84	PASS
N41	30	30	CP-256QAM	H	Inner_1RB_Left	17.24	16.6	19.94	20.72	PASS
N41	30	30	CP-256QAM	H	Inner_1RB_Right	17.49	16.8	20.17	20.95	PASS
N41	30	30	CP-256QAM	H	Outer_Full	17.37	16.76	20.09	20.87	PASS
N41	30	40	CP-QPSK	L	Inner_1RB_Left	22.06	22.23	25.16	25.94	PASS
N41	30	40	CP-QPSK	L	Inner_1RB_Right	22.42	21.81	25.14	25.92	PASS
N41	30	40	CP-QPSK	L	Outer_Full	20.74	20.38	23.57	24.35	PASS
N41	30	40	CP-16QAM	L	Inner_1RB_Left	21.4	21.56	24.49	25.27	PASS
N41	30	40	CP-16QAM	L	Inner_1RB_Right	21.91	21.05	24.51	25.29	PASS
N41	30	40	CP-16QAM	L	Outer_Full	20.78	20.42	23.61	24.39	PASS
N41	30	40	CP-64QAM	L	Inner_1RB_Left	20.18	19.66	22.94	23.72	PASS
N41	30	40	CP-64QAM	L	Inner_1RB_Right	20.49	19.35	22.97	23.75	PASS
N41	30	40	CP-64QAM	L	Outer_Full	20.29	19.94	23.13	23.91	PASS
N41	30	40	CP-256QAM	L	Inner_1RB_Left	17.27	17.07	20.18	20.96	PASS
N41	30	40	CP-256QAM	L	Inner_1RB_Right	17.56	16.74	20.18	20.96	PASS
N41	30	40	CP-256QAM	L	Outer_Full	17.28	17.03	20.17	20.95	PASS
N41	30	40	CP-QPSK	M	Inner_1RB_Left	22.22	22.14	25.19	25.97	PASS
N41	30	40	CP-QPSK	M	Inner_1RB_Right	22.61	22.11	25.38	26.16	PASS
N41	30	40	CP-QPSK	M	Outer_Full	20.87	20.26	23.59	24.37	PASS
N41	30	40	CP-16QAM	M	Inner_1RB_Left	21.56	21.24	24.41	25.19	PASS
N41	30	40	CP-16QAM	M	Inner_1RB_Right	21.96	21.26	24.63	25.41	PASS
N41	30	40	CP-16QAM	M	Outer_Full	20.9	20.3	23.62	24.4	PASS
N41	30	40	CP-64QAM	M	Inner_1RB_Left	20.18	19.4	22.82	23.6	PASS
N41	30	40	CP-64QAM	M	Inner_1RB_Right	20.62	19.52	23.12	23.9	PASS
N41	30	40	CP-64QAM	M	Outer_Full	20.37	19.82	23.11	23.89	PASS
N41	30	40	CP-256QAM	M	Inner_1RB_Left	17.34	16.79	20.08	20.86	PASS
N41	30	40	CP-256QAM	M	Inner_1RB_Right	17.71	16.88	20.33	21.11	PASS
N41	30	40	CP-256QAM	M	Outer_Full	17.37	16.86	20.13	20.91	PASS
N41	30	40	CP-QPSK	H	Inner_1RB_Left	22.25	22.09	25.18	25.96	PASS
N41	30	40	CP-QPSK	H	Inner_1RB_Right	22.72	22.17	25.46	26.24	PASS
N41	30	40	CP-QPSK	H	Outer_Full	20.85	20.33	23.61	24.39	PASS
N41	30	40	CP-16QAM	H	Inner_1RB_Left	21.46	21.32	24.4	25.18	PASS
N41	30	40	CP-16QAM	H	Inner_1RB_Right	22.06	21.24	24.68	25.46	PASS
N41	30	40	CP-16QAM	H	Outer_Full	20.87	20.3	23.6	24.38	PASS
N41	30	40	CP-64QAM	H	Inner_1RB_Left	20.2	19.44	22.85	23.63	PASS
N41	30	40	CP-64QAM	H	Inner_1RB_Right	20.54	19.55	23.08	23.86	PASS
N41	30	40	CP-64QAM	H	Outer_Full	20.39	19.87	23.15	23.93	PASS
N41	30	40	CP-256QAM	H	Inner_1RB_Left	17.25	16.82	20.05	20.83	PASS



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

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

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

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



Report No.: SEWA2204000008RG02

Rev.: 01

Page: 16 of 146

N41	30	40	CP-256QAM	H	Inner_1RB_Right	17.5	16.92	20.23	21.01	PASS
N41	30	40	CP-256QAM	H	Outer_Full	17.37	16.87	20.14	20.92	PASS
N41	30	50	CP-QPSK	L	Inner_1RB_Left	21.97	22.17	25.08	25.86	PASS
N41	30	50	CP-QPSK	L	Inner_1RB_Right	22.21	22.05	25.14	25.92	PASS
N41	30	50	CP-QPSK	L	Outer_Full	20.74	20.36	23.56	24.34	PASS
N41	30	50	CP-16QAM	L	Inner_1RB_Left	21.53	21.53	24.54	25.32	PASS
N41	30	50	CP-16QAM	L	Inner_1RB_Right	21.67	21.33	24.51	25.29	PASS
N41	30	50	CP-16QAM	L	Outer_Full	20.74	20.31	23.54	24.32	PASS
N41	30	50	CP-64QAM	L	Inner_1RB_Left	20	19.76	22.89	23.67	PASS
N41	30	50	CP-64QAM	L	Inner_1RB_Right	20.15	19.44	22.82	23.6	PASS
N41	30	50	CP-64QAM	L	Outer_Full	20.15	19.82	23	23.78	PASS
N41	30	50	CP-256QAM	L	Inner_1RB_Left	17.12	17.07	20.11	20.89	PASS
N41	30	50	CP-256QAM	L	Inner_1RB_Right	17.26	16.9	20.09	20.87	PASS
N41	30	50	CP-256QAM	L	Outer_Full	17.12	16.88	20.01	20.79	PASS
N41	30	50	CP-QPSK	M	Inner_1RB_Left	22.14	21.9	25.03	25.81	PASS
N41	30	50	CP-QPSK	M	Inner_1RB_Right	22.49	22.2	25.36	26.14	PASS
N41	30	50	CP-QPSK	M	Outer_Full	20.76	20.3	23.55	24.33	PASS
N41	30	50	CP-16QAM	M	Inner_1RB_Left	21.57	21.22	24.41	25.19	PASS
N41	30	50	CP-16QAM	M	Inner_1RB_Right	21.82	21.26	24.56	25.34	PASS
N41	30	50	CP-16QAM	M	Outer_Full	20.79	20.31	23.57	24.35	PASS
N41	30	50	CP-64QAM	M	Inner_1RB_Left	20.06	19.33	22.72	23.5	PASS
N41	30	50	CP-64QAM	M	Inner_1RB_Right	20.48	19.55	23.05	23.83	PASS
N41	30	50	CP-64QAM	M	Outer_Full	20.3	19.73	23.03	23.81	PASS
N41	30	50	CP-256QAM	M	Inner_1RB_Left	17.23	16.73	20	20.78	PASS
N41	30	50	CP-256QAM	M	Inner_1RB_Right	17.57	17.02	20.31	21.09	PASS
N41	30	50	CP-256QAM	M	Outer_Full	17.32	16.82	20.09	20.87	PASS
N41	30	50	CP-QPSK	H	Inner_1RB_Left	22.16	21.87	25.03	25.81	PASS
N41	30	50	CP-QPSK	H	Inner_1RB_Right	22.34	21.95	25.16	25.94	PASS
N41	30	50	CP-QPSK	H	Outer_Full	20.71	20.23	23.49	24.27	PASS
N41	30	50	CP-16QAM	H	Inner_1RB_Left	21.44	21.05	24.26	25.04	PASS
N41	30	50	CP-16QAM	H	Inner_1RB_Right	21.95	21.16	24.58	25.36	PASS
N41	30	50	CP-16QAM	H	Outer_Full	20.68	20.25	23.48	24.26	PASS
N41	30	50	CP-64QAM	H	Inner_1RB_Left	20.03	19.22	22.65	23.43	PASS
N41	30	50	CP-64QAM	H	Inner_1RB_Right	20.44	19.42	22.97	23.75	PASS
N41	30	50	CP-64QAM	H	Outer_Full	20.31	19.68	22.58	23.36	PASS
N41	30	50	CP-256QAM	H	Inner_1RB_Left	17.13	16.49	19.83	20.61	PASS
N41	30	50	CP-256QAM	H	Inner_1RB_Right	17.45	16.77	20.13	20.91	PASS
N41	30	50	CP-256QAM	H	Outer_Full	17.14	16.75	19.96	20.74	PASS



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

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

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

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



Report No.: SEWA2204000008RG02

Rev.: 01

Page: 17 of 146

N41	30	60	CP-QPSK	L	Inner_1RB_Left	21.98	22.43	25.22	26	PASS
N41	30	60	CP-QPSK	L	Inner_1RB_Right	22.08	21.91	25.01	25.79	PASS
N41	30	60	CP-QPSK	L	Outer_Full	20.65	20.42	23.55	24.33	PASS
N41	30	60	CP-16QAM	L	Inner_1RB_Left	21.46	21.71	24.6	25.38	PASS
N41	30	60	CP-16QAM	L	Inner_1RB_Right	21.43	21.08	24.27	25.05	PASS
N41	30	60	CP-16QAM	L	Outer_Full	20.68	20.35	23.53	24.31	PASS
N41	30	60	CP-64QAM	L	Inner_1RB_Left	20	19.67	22.85	23.63	PASS
N41	30	60	CP-64QAM	L	Inner_1RB_Right	20.09	19.25	22.7	23.48	PASS
N41	30	60	CP-64QAM	L	Outer_Full	20.26	19.89	23.09	23.87	PASS
N41	30	60	CP-256QAM	L	Inner_1RB_Left	17.08	17.01	20.06	20.84	PASS
N41	30	60	CP-256QAM	L	Inner_1RB_Right	17.16	16.71	19.95	20.73	PASS
N41	30	60	CP-256QAM	L	Outer_Full	17.25	16.93	20.1	20.88	PASS
N41	30	60	CP-QPSK	M	Inner_1RB_Left	22.11	21.72	24.93	25.71	PASS
N41	30	60	CP-QPSK	M	Inner_1RB_Right	22.49	22.19	25.35	26.13	PASS
N41	30	60	CP-QPSK	M	Outer_Full	20.8	20.25	23.54	24.32	PASS
N41	30	60	CP-16QAM	M	Inner_1RB_Left	21.66	21.05	24.38	25.16	PASS
N41	30	60	CP-16QAM	M	Inner_1RB_Right	21.89	21.5	24.71	25.49	PASS
N41	30	60	CP-16QAM	M	Outer_Full	20.85	20.26	23.58	24.36	PASS
N41	30	60	CP-64QAM	M	Inner_1RB_Left	20.09	19.08	22.62	23.4	PASS
N41	30	60	CP-64QAM	M	Inner_1RB_Right	20.4	19.59	23.02	23.8	PASS
N41	30	60	CP-64QAM	M	Outer_Full	20.41	19.83	23.14	23.92	PASS
N41	30	60	CP-256QAM	M	Inner_1RB_Left	17.3	16.47	19.92	20.7	PASS
N41	30	60	CP-256QAM	M	Inner_1RB_Right	17.5	17.05	20.29	21.07	PASS
N41	30	60	CP-256QAM	M	Outer_Full	17.4	16.86	20.15	20.93	PASS
N41	30	60	CP-QPSK	H	Inner_1RB_Left	22.27	21.87	25.08	25.86	PASS
N41	30	60	CP-QPSK	H	Inner_1RB_Right	22.44	22	25.24	26.02	PASS
N41	30	60	CP-QPSK	H	Outer_Full	20.76	20.26	23.53	24.31	PASS
N41	30	60	CP-16QAM	H	Inner_1RB_Left	21.62	21.04	24.35	25.13	PASS
N41	30	60	CP-16QAM	H	Inner_1RB_Right	21.78	21.45	24.63	25.41	PASS
N41	30	60	CP-16QAM	H	Outer_Full	20.81	20.29	23.57	24.35	PASS
N41	30	60	CP-64QAM	H	Inner_1RB_Left	20.24	19.13	22.73	23.51	PASS
N41	30	60	CP-64QAM	H	Inner_1RB_Right	20.47	19.46	23	23.78	PASS
N41	30	60	CP-64QAM	H	Outer_Full	20.39	19.83	23.13	23.91	PASS
N41	30	60	CP-256QAM	H	Inner_1RB_Left	17.38	16.55	20	20.78	PASS
N41	30	60	CP-256QAM	H	Inner_1RB_Right	17.55	16.81	20.21	20.99	PASS
N41	30	60	CP-256QAM	H	Outer_Full	17.38	16.89	20.15	20.93	PASS
N41	30	70	CP-QPSK	L	Inner_1RB_Left	22.01	21.89	24.96	25.74	PASS
N41	30	70	CP-QPSK	L	Inner_1RB_Right	22.01	21.76	24.9	25.68	PASS



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

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

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

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



Report No.: SEWA2204000008RG02

Rev.: 01

Page: 18 of 146

N41	30	70	CP-QPSK	L	Outer_Full	20.46	20.21	23.35	24.13	PASS
N41	30	70	CP-16QAM	L	Inner_1RB_Left	21.17	21.26	24.23	25.01	PASS
N41	30	70	CP-16QAM	L	Inner_1RB_Right	21.43	21.03	24.24	25.02	PASS
N41	30	70	CP-16QAM	L	Outer_Full	20.49	20.23	23.37	24.15	PASS
N41	30	70	CP-64QAM	L	Inner_1RB_Left	19.56	19.46	21.56	22.34	PASS
N41	30	70	CP-64QAM	L	Inner_1RB_Right	20.05	19.25	22.68	23.46	PASS
N41	30	70	CP-64QAM	L	Outer_Full	19.98	19.7	22.85	23.63	PASS
N41	30	70	CP-256QAM	L	Inner_1RB_Left	17.06	16.87	19.98	20.76	PASS
N41	30	70	CP-256QAM	L	Inner_1RB_Right	17.2	16.7	19.97	20.75	PASS
N41	30	70	CP-256QAM	L	Outer_Full	16.97	16.72	19.86	20.64	PASS
N41	30	70	CP-QPSK	M	Inner_1RB_Left	21.88	21.46	24.69	25.47	PASS
N41	30	70	CP-QPSK	M	Inner_1RB_Right	22.57	22.02	25.31	26.09	PASS
N41	30	70	CP-QPSK	M	Outer_Full	20.65	20.16	23.42	24.2	PASS
N41	30	70	CP-16QAM	M	Inner_1RB_Left	21.21	20.81	24.02	24.8	PASS
N41	30	70	CP-16QAM	M	Inner_1RB_Right	21.88	21.35	24.63	25.41	PASS
N41	30	70	CP-16QAM	M	Outer_Full	20.71	20.09	23.42	24.2	PASS
N41	30	70	CP-64QAM	M	Inner_1RB_Left	19.86	18.95	22.44	23.22	PASS
N41	30	70	CP-64QAM	M	Inner_1RB_Right	20.5	19.5	23.04	23.82	PASS
N41	30	70	CP-64QAM	M	Outer_Full	20.24	19.69	22.98	23.76	PASS
N41	30	70	CP-256QAM	M	Inner_1RB_Left	16.94	16.32	19.65	20.43	PASS
N41	30	70	CP-256QAM	M	Inner_1RB_Right	17.57	16.85	20.24	21.02	PASS
N41	30	70	CP-256QAM	M	Outer_Full	17.24	16.7	19.99	20.77	PASS
N41	30	70	CP-QPSK	H	Inner_1RB_Left	22.26	21.58	24.94	25.72	PASS
N41	30	70	CP-QPSK	H	Inner_1RB_Right	22.41	21.77	25.11	25.89	PASS
N41	30	70	CP-QPSK	H	Outer_Full	20.79	20.08	23.46	24.24	PASS
N41	30	70	CP-16QAM	H	Inner_1RB_Left	21.54	20.8	24.2	24.98	PASS
N41	30	70	CP-16QAM	H	Inner_1RB_Right	21.52	20.96	24.26	25.04	PASS
N41	30	70	CP-16QAM	H	Outer_Full	20.81	20.16	23.51	24.29	PASS
N41	30	70	CP-64QAM	H	Inner_1RB_Left	20.33	18.9	22.68	23.46	PASS
N41	30	70	CP-64QAM	H	Inner_1RB_Right	20.22	19.25	22.77	23.55	PASS
N41	30	70	CP-64QAM	H	Outer_Full	20.37	19.68	23.05	23.83	PASS
N41	30	70	CP-256QAM	H	Inner_1RB_Left	17.37	16.27	19.87	20.65	PASS
N41	30	70	CP-256QAM	H	Inner_1RB_Right	17.37	16.68	20.05	20.83	PASS
N41	30	70	CP-256QAM	H	Outer_Full	17.32	16.74	20.05	20.83	PASS
N41	30	80	CP-QPSK	L	Inner_1RB_Left	21.68	22.07	24.89	25.67	PASS
N41	30	80	CP-QPSK	L	Inner_1RB_Right	22.15	21.96	25.07	25.85	PASS
N41	30	80	CP-QPSK	L	Outer_Full	20.49	20.25	23.38	24.16	PASS
N41	30	80	CP-16QAM	L	Inner_1RB_Left	21.18	21.5	24.35	25.13	PASS



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

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

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

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



Report No.: SEWA2204000008RG02

Rev.: 01

Page: 19 of 146

N41	30	80	CP-16QAM	L	Inner_1RB_Right	21.53	21.18	24.37	25.15	PASS
N41	30	80	CP-16QAM	L	Outer_Full	20.5	20.25	23.39	24.17	PASS
N41	30	80	CP-64QAM	L	Inner_1RB_Left	19.83	19.59	22.72	23.5	PASS
N41	30	80	CP-64QAM	L	Inner_1RB_Right	20.07	19.48	22.8	23.58	PASS
N41	30	80	CP-64QAM	L	Outer_Full	20.1	19.79	22.96	23.74	PASS
N41	30	80	CP-256QAM	L	Inner_1RB_Left	16.94	16.88	19.92	20.7	PASS
N41	30	80	CP-256QAM	L	Inner_1RB_Right	17.21	16.93	20.08	20.86	PASS
N41	30	80	CP-256QAM	L	Outer_Full	17.08	16.81	19.96	20.74	PASS
N41	30	80	CP-QPSK	M	Inner_1RB_Left	21.75	21.67	24.72	25.5	PASS
N41	30	80	CP-QPSK	M	Inner_1RB_Right	22.53	22.25	25.4	26.18	PASS
N41	30	80	CP-QPSK	M	Outer_Full	20.73	20.15	23.46	24.24	PASS
N41	30	80	CP-16QAM	M	Inner_1RB_Left	21.08	20.8	23.95	24.73	PASS
N41	30	80	CP-16QAM	M	Inner_1RB_Right	21.89	21.2	24.57	25.35	PASS
N41	30	80	CP-16QAM	M	Outer_Full	20.72	20.15	23.45	24.23	PASS
N41	30	80	CP-64QAM	M	Inner_1RB_Left	19.73	19.04	22.41	23.19	PASS
N41	30	80	CP-64QAM	M	Inner_1RB_Right	20.43	19.49	23	23.78	PASS
N41	30	80	CP-64QAM	M	Outer_Full	20.26	19.73	23.01	23.79	PASS
N41	30	80	CP-256QAM	M	Inner_1RB_Left	16.77	16.33	19.57	20.35	PASS
N41	30	80	CP-256QAM	M	Inner_1RB_Right	17.57	16.86	20.24	21.02	PASS
N41	30	80	CP-256QAM	M	Outer_Full	17.29	16.74	20.03	20.81	PASS
N41	30	80	CP-QPSK	H	Inner_1RB_Left	22.16	21.57	24.89	25.67	PASS
N41	30	80	CP-QPSK	H	Inner_1RB_Right	22.4	21.86	25.15	25.93	PASS
N41	30	80	CP-QPSK	H	Outer_Full	20.83	20.15	23.51	24.29	PASS
N41	30	80	CP-16QAM	H	Inner_1RB_Left	21.44	20.7	24.1	24.88	PASS
N41	30	80	CP-16QAM	H	Inner_1RB_Right	21.71	20.96	24.36	25.14	PASS
N41	30	80	CP-16QAM	H	Outer_Full	20.83	20.11	23.5	24.28	PASS
N41	30	80	CP-64QAM	H	Inner_1RB_Left	20.19	18.88	22.59	23.37	PASS
N41	30	80	CP-64QAM	H	Inner_1RB_Right	20.32	19.31	22.85	23.63	PASS
N41	30	80	CP-64QAM	H	Outer_Full	20.37	19.71	23.06	23.84	PASS
N41	30	80	CP-256QAM	H	Inner_1RB_Left	17.32	16.23	19.82	20.6	PASS
N41	30	80	CP-256QAM	H	Inner_1RB_Right	17.47	16.7	20.11	20.89	PASS
N41	30	80	CP-256QAM	H	Outer_Full	17.4	16.64	20.05	20.83	PASS
N41	30	90	CP-QPSK	L	Inner_1RB_Left	21.77	21.99	24.89	25.67	PASS
N41	30	90	CP-QPSK	L	Inner_1RB_Right	22.17	21.78	24.99	25.77	PASS
N41	30	90	CP-QPSK	L	Outer_Full	20.52	20.26	23.4	24.18	PASS
N41	30	90	CP-16QAM	L	Inner_1RB_Left	21.17	21.33	24.26	25.04	PASS
N41	30	90	CP-16QAM	L	Inner_1RB_Right	21.48	21.16	24.33	25.11	PASS
N41	30	90	CP-16QAM	L	Outer_Full	20.57	20.33	23.46	24.24	PASS



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

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

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

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



Report No.: SEWA2204000008RG02

Rev.: 01

Page: 20 of 146

N41	30	90	CP-64QAM	L	Inner_1RB_Left	19.9	19.6	22.76	23.54	PASS
N41	30	90	CP-64QAM	L	Inner_1RB_Right	20.09	19.35	22.75	23.53	PASS
N41	30	90	CP-64QAM	L	Outer_Full	20.05	19.81	22.94	23.72	PASS
N41	30	90	CP-256QAM	L	Inner_1RB_Left	16.97	16.91	19.95	20.73	PASS
N41	30	90	CP-256QAM	L	Inner_1RB_Right	17.2	16.81	20.02	20.8	PASS
N41	30	90	CP-256QAM	L	Outer_Full	17.07	16.87	19.98	20.76	PASS
N41	30	90	CP-QPSK	M	Inner_1RB_Left	21.67	21.56	24.63	25.41	PASS
N41	30	90	CP-QPSK	M	Inner_1RB_Right	22.45	22.02	25.25	26.03	PASS
N41	30	90	CP-QPSK	M	Outer_Full	20.62	20.18	23.42	24.2	PASS
N41	30	90	CP-16QAM	M	Inner_1RB_Left	21.12	20.95	24.05	24.83	PASS
N41	30	90	CP-16QAM	M	Inner_1RB_Right	21.95	21.43	24.71	25.49	PASS
N41	30	90	CP-16QAM	M	Outer_Full	20.68	20.16	23.44	24.22	PASS
N41	30	90	CP-64QAM	M	Inner_1RB_Left	19.75	19.21	22.5	23.28	PASS
N41	30	90	CP-64QAM	M	Inner_1RB_Right	20.43	19.65	23.07	23.85	PASS
N41	30	90	CP-64QAM	M	Outer_Full	20.18	19.66	22.94	23.72	PASS
N41	30	90	CP-256QAM	M	Inner_1RB_Left	16.81	16.57	19.7	20.48	PASS
N41	30	90	CP-256QAM	M	Inner_1RB_Right	17.41	16.88	20.16	20.94	PASS
N41	30	90	CP-256QAM	M	Outer_Full	17.25	16.76	20.02	20.8	PASS
N41	30	90	CP-QPSK	H	Inner_1RB_Left	22.03	21.54	24.8	25.58	PASS
N41	30	90	CP-QPSK	H	Inner_1RB_Right	22.23	22.04	25.15	25.93	PASS
N41	30	90	CP-QPSK	H	Outer_Full	20.77	20.14	23.48	24.26	PASS
N41	30	90	CP-16QAM	H	Inner_1RB_Left	21.4	20.7	24.07	24.85	PASS
N41	30	90	CP-16QAM	H	Inner_1RB_Right	21.72	21.15	24.45	25.23	PASS
N41	30	90	CP-16QAM	H	Outer_Full	20.76	20.15	23.48	24.26	PASS
N41	30	90	CP-64QAM	H	Inner_1RB_Left	20.07	18.94	22.55	23.33	PASS
N41	30	90	CP-64QAM	H	Inner_1RB_Right	20.34	19.46	22.93	23.71	PASS
N41	30	90	CP-64QAM	H	Outer_Full	20.31	19.75	23.05	23.83	PASS
N41	30	90	CP-256QAM	H	Inner_1RB_Left	17.25	16.24	19.78	20.56	PASS
N41	30	90	CP-256QAM	H	Inner_1RB_Right	17.45	16.8	20.15	20.93	PASS
N41	30	90	CP-256QAM	H	Outer_Full	17.36	16.72	20.06	20.84	PASS
N41	30	100	CP-QPSK	L	Inner_1RB_Left	21.76	21.84	24.81	25.59	PASS
N41	30	100	CP-QPSK	L	Inner_1RB_Right	22.26	21.97	25.13	25.91	PASS
N41	30	100	CP-QPSK	L	Outer_Full	20.51	20.26	23.4	24.18	PASS
N41	30	100	CP-16QAM	L	Inner_1RB_Left	21.21	21.69	24.47	25.25	PASS
N41	30	100	CP-16QAM	L	Inner_1RB_Right	21.65	21.12	24.4	25.18	PASS
N41	30	100	CP-16QAM	L	Outer_Full	20.54	20.28	23.42	24.2	PASS
N41	30	100	CP-64QAM	L	Inner_1RB_Left	19.86	19.59	22.74	23.52	PASS
N41	30	100	CP-64QAM	L	Inner_1RB_Right	20.23	19.35	22.82	23.6	PASS



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

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

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

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



Report No.: SEWA2204000008RG02

Rev.: 01

Page: 21 of 146

N41	30	100	CP-64QAM	L	Outer_Full	20.06	19.82	22.95	23.73	PASS
N41	30	100	CP-256QAM	L	Inner_1RB_Left	16.93	17.02	19.99	20.77	PASS
N41	30	100	CP-256QAM	L	Inner_1RB_Right	17.36	16.81	20.1	20.88	PASS
N41	30	100	CP-256QAM	L	Outer_Full	17.07	16.84	19.97	20.75	PASS
N41	30	100	CP-QPSK	M	Inner_1RB_Left	21.86	21.9	24.89	25.67	PASS
N41	30	100	CP-QPSK	M	Inner_1RB_Right	22.26	21.98	25.13	25.91	PASS
N41	30	100	CP-QPSK	M	Outer_Full	20.66	20.28	23.48	24.26	PASS
N41	30	100	CP-16QAM	M	Inner_1RB_Left	21.21	21	24.12	24.9	PASS
N41	30	100	CP-16QAM	M	Inner_1RB_Right	21.78	21.35	24.58	25.36	PASS
N41	30	100	CP-16QAM	M	Outer_Full	20.63	20.18	23.42	24.2	PASS
N41	30	100	CP-64QAM	M	Inner_1RB_Left	19.87	19.24	22.58	23.36	PASS
N41	30	100	CP-64QAM	M	Inner_1RB_Right	20.33	19.6	22.99	23.77	PASS
N41	30	100	CP-64QAM	M	Outer_Full	20.17	19.65	22.93	23.71	PASS
N41	30	100	CP-256QAM	M	Inner_1RB_Left	16.97	16.52	19.76	20.54	PASS
N41	30	100	CP-256QAM	M	Inner_1RB_Right	17.47	16.96	20.23	21.01	PASS
N41	30	100	CP-256QAM	M	Outer_Full	17.22	16.82	20.03	20.81	PASS
N41	30	100	CP-QPSK	H	Inner_1RB_Left	22.04	21.42	24.75	25.53	PASS
N41	30	100	CP-QPSK	H	Inner_1RB_Right	22.33	21.91	25.14	25.92	PASS
N41	30	100	CP-QPSK	H	Outer_Full	20.8	20.21	23.53	24.31	PASS
N41	30	100	CP-16QAM	H	Inner_1RB_Left	21.39	20.85	24.14	24.92	PASS
N41	30	100	CP-16QAM	H	Inner_1RB_Right	21.8	21.12	24.48	25.26	PASS
N41	30	100	CP-16QAM	H	Outer_Full	20.78	20.15	23.49	24.27	PASS
N41	30	100	CP-64QAM	H	Inner_1RB_Left	20.04	18.83	22.49	23.27	PASS
N41	30	100	CP-64QAM	H	Inner_1RB_Right	20.4	19.41	22.94	23.72	PASS
N41	30	100	CP-64QAM	H	Outer_Full	20.39	19.69	23.06	23.84	PASS
N41	30	100	CP-256QAM	H	Inner_1RB_Left	17.15	16.24	19.73	20.51	PASS
N41	30	100	CP-256QAM	H	Inner_1RB_Right	17.51	16.85	20.2	20.98	PASS
N41	30	100	CP-256QAM	H	Outer_Full	17.37	16.72	20.07	20.85	PASS



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

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

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

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



Report No.: SEWA2204000008RG02

Rev.: 01

Page: 22 of 146

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



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

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

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

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

Report No.: SEWA2204000008RG02

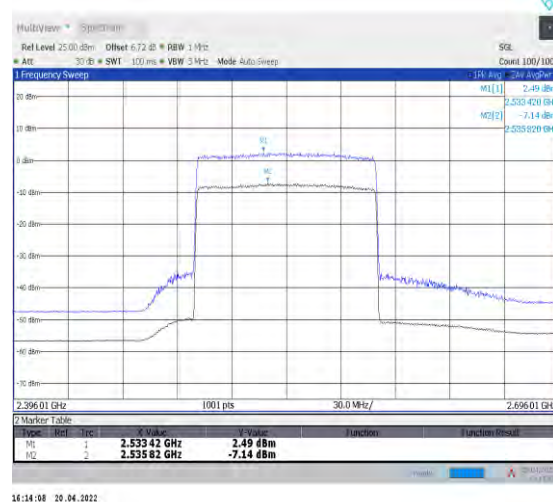
Rev.: 01

Page: 23 of 146

Test Graphs



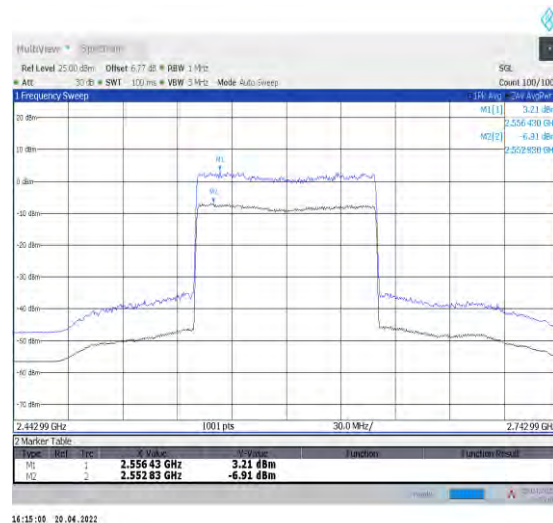
1-N41--30-100-L-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.99-100%-0.00-9.99-PASS-≤13



1-N41--30-100-L-2-CP-256QAM-Outer_Full-273@0-Ant1-9.63-100%-0.00-9.63-PASS-≤13



1-N41--30-100-M-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.72-100%-0.00-9.72-PASS-≤13



1-N41--30-100-M-2-CP-256QAM-Outer_Full-273@0-Ant1-10.12-100%-0.00-10.12-PASS-≤13



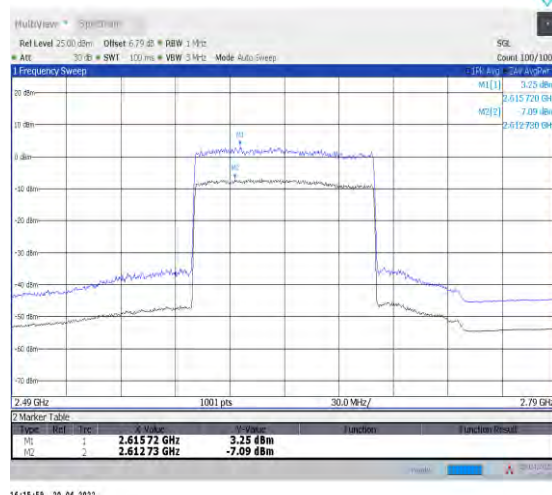
Report No.: SEWA2204000008RG02

Rev.: 01

Page: 24 of 146



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



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

Member of the SGS Group (SGS SA)

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 25 of 146

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

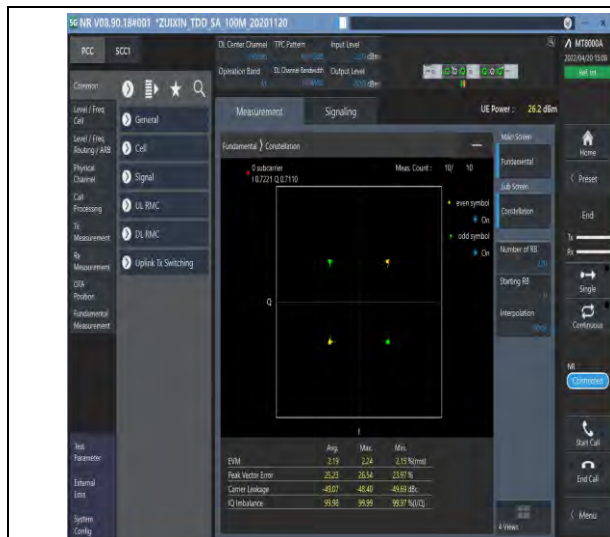
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 26 of 146

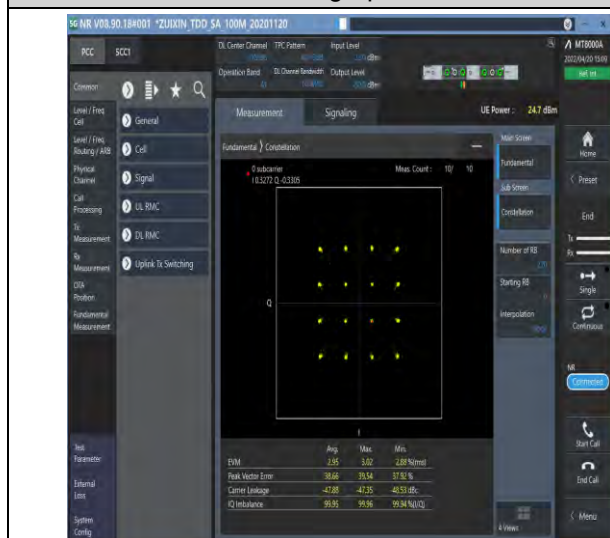
Test Graphs



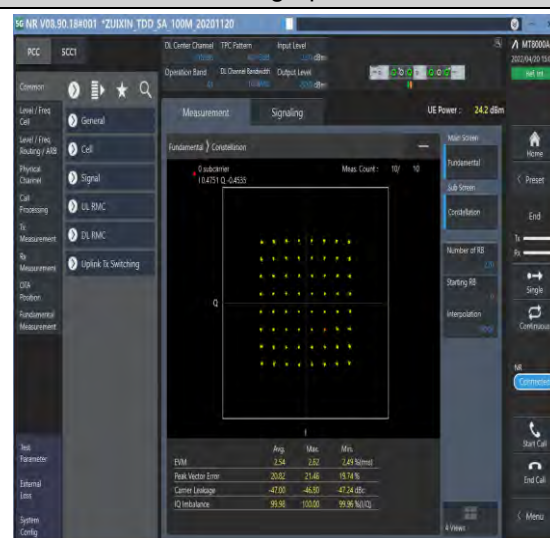
1-N41--30-100-M-1-DFT-PI2BPSK-Outer_Full-270@0
-Ant1-see graph-PASS



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, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

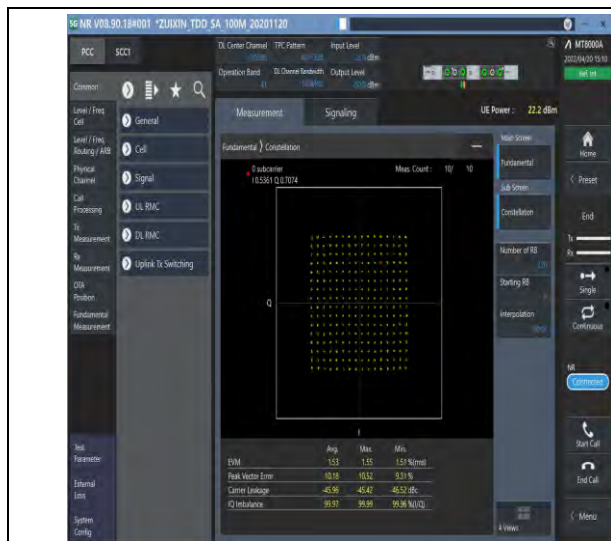
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

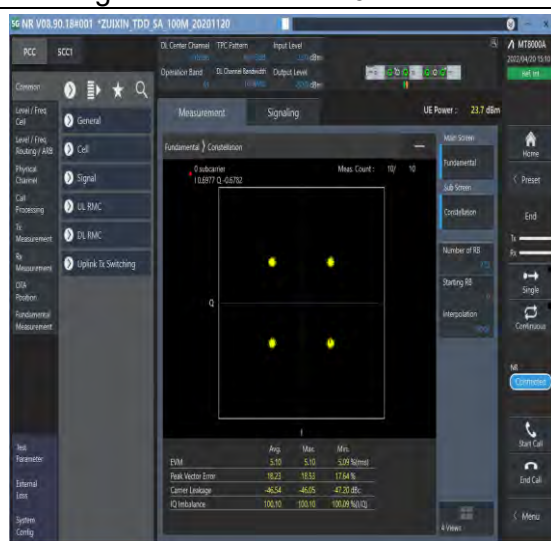
Report No.: SEWA2204000008RG02

Rev.: 01

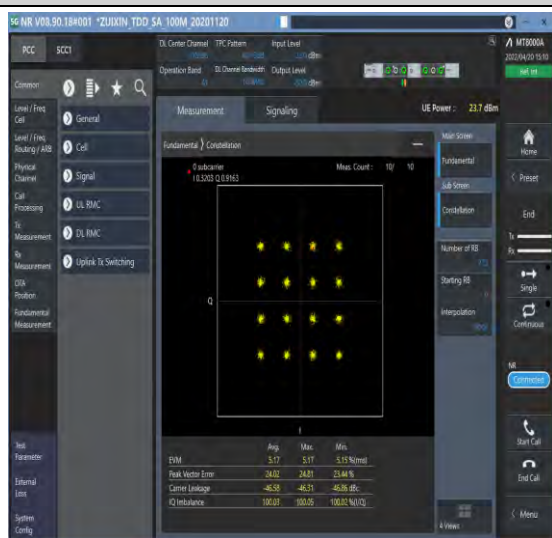
Page: 27 of 146



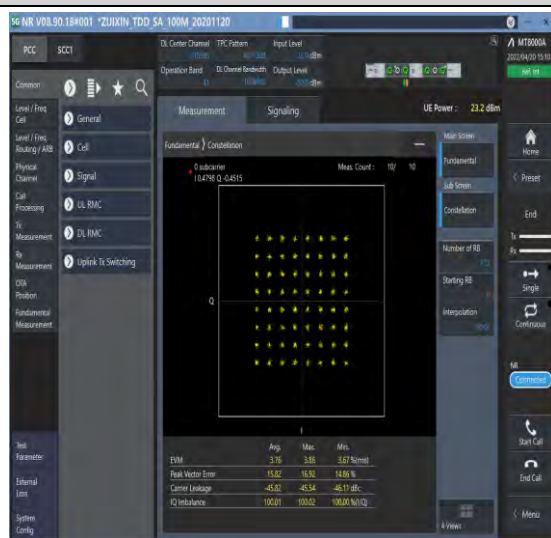
1-N41--30-100-M-5-DFT-256QAM-Outer_Full-270@0-Ant1-see graph-PASS



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, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000

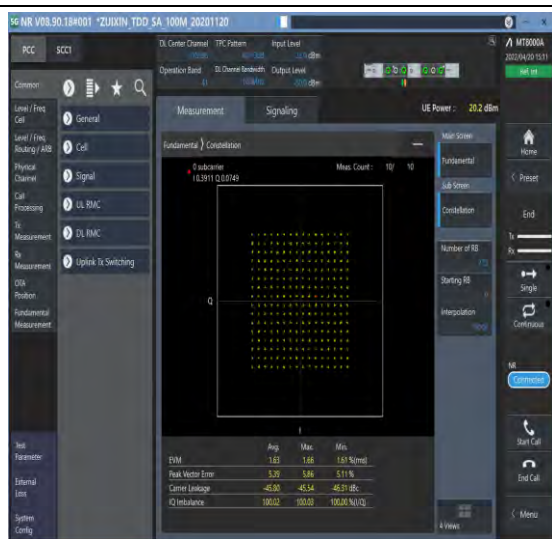
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 28 of 146



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

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 29 of 146

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
中国·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.: SEWA2204000008RG02

Rev.: 01

Page: 30 of 146

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, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 31 of 146

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, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 32 of 146

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, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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