

Report No.: SEWM2210000221RG02

Rev.: 01

Page: 1 of 36

Appendix B.35

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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn

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

Report No.: SEWM2210000221RG02
 Rev.: 01
 Page: 2 of 36

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP	LIMIT	verdict
N41	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	26.29	28.43	33	pass
N41	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	26.48	28.62	33	pass
N41	30	20	DFT-PI2BPSK	L	Outer_Full	26.33	28.47	33	pass
N41	30	20	DFT-QPSK	L	Inner_1RB_Left	26.31	28.45	33	pass
N41	30	20	DFT-QPSK	L	Inner_1RB_Right	26.53	28.67	33	pass
N41	30	20	DFT-QPSK	L	Outer_Full	26.39	28.53	33	pass
N41	30	20	DFT-16QAM	L	Inner_1RB_Left	26.38	28.52	33	pass
N41	30	20	DFT-16QAM	L	Inner_1RB_Right	26.47	28.61	33	pass
N41	30	20	DFT-16QAM	L	Outer_Full	26.37	28.51	33	pass
N41	30	20	DFT-64QAM	L	Inner_1RB_Left	26.33	28.47	33	pass
N41	30	20	DFT-64QAM	L	Inner_1RB_Right	26.55	28.69	33	pass
N41	30	20	DFT-64QAM	L	Outer_Full	26.33	28.47	33	pass
N41	30	20	DFT-256QAM	L	Inner_1RB_Left	24.49	26.63	33	pass
N41	30	20	DFT-256QAM	L	Inner_1RB_Right	24.78	26.92	33	pass
N41	30	20	DFT-256QAM	L	Outer_Full	24.66	26.8	33	pass
N41	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	26.48	28.62	33	pass
N41	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	26.44	28.58	33	pass
N41	30	20	DFT-PI2BPSK	M	Outer_Full	26.41	28.55	33	pass
N41	30	20	DFT-QPSK	M	Inner_1RB_Left	26.39	28.53	33	pass
N41	30	20	DFT-QPSK	M	Inner_1RB_Right	26.42	28.56	33	pass
N41	30	20	DFT-QPSK	M	Outer_Full	26.38	28.52	33	pass
N41	30	20	DFT-16QAM	M	Inner_1RB_Left	26.46	28.6	33	pass
N41	30	20	DFT-16QAM	M	Inner_1RB_Right	26.48	28.62	33	pass
N41	30	20	DFT-16QAM	M	Outer_Full	26.38	28.52	33	pass
N41	30	20	DFT-64QAM	M	Inner_1RB_Left	26.44	28.58	33	pass
N41	30	20	DFT-64QAM	M	Inner_1RB_Right	26.42	28.56	33	pass
N41	30	20	DFT-64QAM	M	Outer_Full	26.37	28.51	33	pass
N41	30	20	DFT-256QAM	M	Inner_1RB_Left	24.7	26.84	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-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that its information is subject to the copyright notice at the top of this document and is subject to Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated 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



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

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

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



Report No.: SEWM2210000221RG02

Rev.: 01

Page: 3 of 36

N41	30	20	DFT-256QAM	M	Inner_1RB_Right	24.8	26.94	33	pass
N41	30	20	DFT-256QAM	M	Outer_Full	24.74	26.88	33	pass
N41	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	26.19	28.33	33	pass
N41	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	26.17	28.31	33	pass
N41	30	20	DFT-PI2BPSK	H	Outer_Full	26.2	28.34	33	pass
N41	30	20	DFT-QPSK	H	Inner_1RB_Left	26.17	28.31	33	pass
N41	30	20	DFT-QPSK	H	Inner_1RB_Right	26.16	28.3	33	pass
N41	30	20	DFT-QPSK	H	Outer_Full	26.21	28.35	33	pass
N41	30	20	DFT-16QAM	H	Inner_1RB_Left	26.13	28.27	33	pass
N41	30	20	DFT-16QAM	H	Inner_1RB_Right	26.17	28.31	33	pass
N41	30	20	DFT-16QAM	H	Outer_Full	26.21	28.35	33	pass
N41	30	20	DFT-64QAM	H	Inner_1RB_Left	26.05	28.19	33	pass
N41	30	20	DFT-64QAM	H	Inner_1RB_Right	26.11	28.25	33	pass
N41	30	20	DFT-64QAM	H	Outer_Full	26.23	28.37	33	pass
N41	30	20	DFT-256QAM	H	Inner_1RB_Left	24.42	26.56	33	pass
N41	30	20	DFT-256QAM	H	Inner_1RB_Right	24.53	26.67	33	pass
N41	30	20	DFT-256QAM	H	Outer_Full	24.54	26.68	33	pass
N41	30	30	DFT-PI2BPSK	L	Inner_1RB_Left	26.29	28.43	33	pass
N41	30	30	DFT-PI2BPSK	L	Inner_1RB_Right	26.58	28.72	33	pass
N41	30	30	DFT-PI2BPSK	L	Outer_Full	26.45	28.59	33	pass
N41	30	30	DFT-QPSK	L	Inner_1RB_Left	26.28	28.42	33	pass
N41	30	30	DFT-QPSK	L	Inner_1RB_Right	26.54	28.68	33	pass
N41	30	30	DFT-QPSK	L	Outer_Full	26.46	28.6	33	pass
N41	30	30	DFT-16QAM	L	Inner_1RB_Left	26.22	28.36	33	pass
N41	30	30	DFT-16QAM	L	Inner_1RB_Right	26.63	28.77	33	pass
N41	30	30	DFT-16QAM	L	Outer_Full	26.47	28.61	33	pass
N41	30	30	DFT-64QAM	L	Inner_1RB_Left	26.17	28.31	33	pass
N41	30	30	DFT-64QAM	L	Inner_1RB_Right	26.56	28.7	33	pass
N41	30	30	DFT-64QAM	L	Outer_Full	26.46	28.6	33	pass
N41	30	30	DFT-256QAM	L	Inner_1RB_Left	24.68	26.82	33	pass
N41	30	30	DFT-256QAM	L	Inner_1RB_Right	24.72	26.86	33	pass
N41	30	30	DFT-256QAM	L	Outer_Full	24.66	26.8	33	pass
N41	30	30	DFT-PI2BPSK	M	Inner_1RB_Left	26.55	28.69	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-Document.aspx>. Attention is drawn to the limitation of liability, non-discrimination and jurisdiction issues defined therein. Any non-conformity found in this document is advised to the Intervenor in writing, within the time period defined at the time of intervention, and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated 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



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

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号厂房南区 邮编: 215000

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



Report No.: SEWM2210000221RG02

Rev.: 01

Page: 4 of 36

N41	30	30	DFT-PI2BPSK	M	Inner_1RB_Right	26.57	28.71	33	pass
N41	30	30	DFT-PI2BPSK	M	Outer_Full	26.39	28.53	33	pass
N41	30	30	DFT-QPSK	M	Inner_1RB_Left	26.53	28.67	33	pass
N41	30	30	DFT-QPSK	M	Inner_1RB_Right	26.59	28.73	33	pass
N41	30	30	DFT-QPSK	M	Outer_Full	26.42	28.56	33	pass
N41	30	30	DFT-16QAM	M	Inner_1RB_Left	26.46	28.6	33	pass
N41	30	30	DFT-16QAM	M	Inner_1RB_Right	26.61	28.75	33	pass
N41	30	30	DFT-16QAM	M	Outer_Full	26.42	28.56	33	pass
N41	30	30	DFT-64QAM	M	Inner_1RB_Left	26.42	28.56	33	pass
N41	30	30	DFT-64QAM	M	Inner_1RB_Right	26.46	28.6	33	pass
N41	30	30	DFT-64QAM	M	Outer_Full	26.41	28.55	33	pass
N41	30	30	DFT-256QAM	M	Inner_1RB_Left	24.97	27.11	33	pass
N41	30	30	DFT-256QAM	M	Inner_1RB_Right	24.94	27.08	33	pass
N41	30	30	DFT-256QAM	M	Outer_Full	24.71	26.85	33	pass
N41	30	30	DFT-PI2BPSK	H	Inner_1RB_Left	26.17	28.31	33	pass
N41	30	30	DFT-PI2BPSK	H	Inner_1RB_Right	26.34	28.48	33	pass
N41	30	30	DFT-PI2BPSK	H	Outer_Full	26.33	28.47	33	pass
N41	30	30	DFT-QPSK	H	Inner_1RB_Left	26.2	28.34	33	pass
N41	30	30	DFT-QPSK	H	Inner_1RB_Right	26.32	28.46	33	pass
N41	30	30	DFT-QPSK	H	Outer_Full	26.29	28.43	33	pass
N41	30	30	DFT-16QAM	H	Inner_1RB_Left	26.22	28.36	33	pass
N41	30	30	DFT-16QAM	H	Inner_1RB_Right	26.3	28.44	33	pass
N41	30	30	DFT-16QAM	H	Outer_Full	26.28	28.42	33	pass
N41	30	30	DFT-64QAM	H	Inner_1RB_Left	26.15	28.29	33	pass
N41	30	30	DFT-64QAM	H	Inner_1RB_Right	26.19	28.33	33	pass
N41	30	30	DFT-64QAM	H	Outer_Full	26.34	28.48	33	pass
N41	30	30	DFT-256QAM	H	Inner_1RB_Left	24.51	26.65	33	pass
N41	30	30	DFT-256QAM	H	Inner_1RB_Right	24.61	26.75	33	pass
N41	30	30	DFT-256QAM	H	Outer_Full	24.63	26.77	33	pass
N41	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	26.38	28.52	33	pass
N41	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	26.55	28.69	33	pass
N41	30	40	DFT-PI2BPSK	L	Outer_Full	26.46	28.6	33	pass
N41	30	40	DFT-QPSK	L	Inner_1RB_Left	26.36	28.5	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-Document.aspx>. Attention is drawn to the limitation of liability, non-discrimination and jurisdiction issues defined therein. Any non-compliance with this document is advised to the appropriate authority in the company, firm or organization at the time of intervention, out and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated 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号厂房南侧 邮编: 215000

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



Report No.: SEWM2210000221RG02

Rev.: 01

Page: 5 of 36

N41	30	40	DFT-QPSK	L	Inner_1RB_Right	26.57	28.71	33	pass
N41	30	40	DFT-QPSK	L	Outer_Full	26.5	28.64	33	pass
N41	30	40	DFT-16QAM	L	Inner_1RB_Left	26.31	28.45	33	pass
N41	30	40	DFT-16QAM	L	Inner_1RB_Right	26.49	28.63	33	pass
N41	30	40	DFT-16QAM	L	Outer_Full	26.47	28.61	33	pass
N41	30	40	DFT-64QAM	L	Inner_1RB_Left	26.45	28.59	33	pass
N41	30	40	DFT-64QAM	L	Inner_1RB_Right	26.47	28.61	33	pass
N41	30	40	DFT-64QAM	L	Outer_Full	26.47	28.61	33	pass
N41	30	40	DFT-256QAM	L	Inner_1RB_Left	24.78	26.92	33	pass
N41	30	40	DFT-256QAM	L	Inner_1RB_Right	24.87	27.01	33	pass
N41	30	40	DFT-256QAM	L	Outer_Full	24.79	26.93	33	pass
N41	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	26.56	28.7	33	pass
N41	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	26.61	28.75	33	pass
N41	30	40	DFT-PI2BPSK	M	Outer_Full	26.49	28.63	33	pass
N41	30	40	DFT-QPSK	M	Inner_1RB_Left	26.58	28.72	33	pass
N41	30	40	DFT-QPSK	M	Inner_1RB_Right	26.54	28.68	33	pass
N41	30	40	DFT-QPSK	M	Outer_Full	26.44	28.58	33	pass
N41	30	40	DFT-16QAM	M	Inner_1RB_Left	26.57	28.71	33	pass
N41	30	40	DFT-16QAM	M	Inner_1RB_Right	26.58	28.72	33	pass
N41	30	40	DFT-16QAM	M	Outer_Full	26.46	28.6	33	pass
N41	30	40	DFT-64QAM	M	Inner_1RB_Left	26.55	28.69	33	pass
N41	30	40	DFT-64QAM	M	Inner_1RB_Right	26.63	28.77	33	pass
N41	30	40	DFT-64QAM	M	Outer_Full	26.5	28.64	33	pass
N41	30	40	DFT-256QAM	M	Inner_1RB_Left	24.87	27.01	33	pass
N41	30	40	DFT-256QAM	M	Inner_1RB_Right	24.82	26.96	33	pass
N41	30	40	DFT-256QAM	M	Outer_Full	24.79	26.93	33	pass
N41	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	26.33	28.47	33	pass
N41	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	26.42	28.56	33	pass
N41	30	40	DFT-PI2BPSK	H	Outer_Full	26.3	28.44	33	pass
N41	30	40	DFT-QPSK	H	Inner_1RB_Left	26.32	28.46	33	pass
N41	30	40	DFT-QPSK	H	Inner_1RB_Right	26.45	28.59	33	pass
N41	30	40	DFT-QPSK	H	Outer_Full	26.3	28.44	33	pass
N41	30	40	DFT-16QAM	H	Inner_1RB_Left	26.3	28.44	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-Document.aspx>. Attention is drawn to the limitation of liability, non-discrimination and jurisdiction issues defined therein. Any non-conformity found is advised to the Intervenor in writing and the Company will take the appropriate corrective action at the time of intervention, out and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



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

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



Report No.: SEWM2210000221RG02

Rev.: 01

Page: 6 of 36

N41	30	40	DFT-16QAM	H	Inner_1RB_Right	26.46	28.6	33	pass
N41	30	40	DFT-16QAM	H	Outer_Full	26.28	28.42	33	pass
N41	30	40	DFT-64QAM	H	Inner_1RB_Left	26.28	28.42	33	pass
N41	30	40	DFT-64QAM	H	Inner_1RB_Right	26.31	28.45	33	pass
N41	30	40	DFT-64QAM	H	Outer_Full	26.28	28.42	33	pass
N41	30	40	DFT-256QAM	H	Inner_1RB_Left	24.61	26.75	33	pass
N41	30	40	DFT-256QAM	H	Inner_1RB_Right	24.81	26.95	33	pass
N41	30	40	DFT-256QAM	H	Outer_Full	24.6	26.74	33	pass
N41	30	50	DFT-PI2BPSK	L	Inner_1RB_Left	26.25	28.39	33	pass
N41	30	50	DFT-PI2BPSK	L	Inner_1RB_Right	26.4	28.54	33	pass
N41	30	50	DFT-PI2BPSK	L	Outer_Full	26.44	28.58	33	pass
N41	30	50	DFT-QPSK	L	Inner_1RB_Left	26.28	28.42	33	pass
N41	30	50	DFT-QPSK	L	Inner_1RB_Right	26.46	28.6	33	pass
N41	30	50	DFT-QPSK	L	Outer_Full	26.4	28.54	33	pass
N41	30	50	DFT-16QAM	L	Inner_1RB_Left	26.16	28.3	33	pass
N41	30	50	DFT-16QAM	L	Inner_1RB_Right	26.37	28.51	33	pass
N41	30	50	DFT-16QAM	L	Outer_Full	26.38	28.52	33	pass
N41	30	50	DFT-64QAM	L	Inner_1RB_Left	26.23	28.37	33	pass
N41	30	50	DFT-64QAM	L	Inner_1RB_Right	26.29	28.43	33	pass
N41	30	50	DFT-64QAM	L	Outer_Full	26.4	28.54	33	pass
N41	30	50	DFT-256QAM	L	Inner_1RB_Left	24.62	26.76	33	pass
N41	30	50	DFT-256QAM	L	Inner_1RB_Right	24.73	26.87	33	pass
N41	30	50	DFT-256QAM	L	Outer_Full	24.66	26.8	33	pass
N41	30	50	DFT-PI2BPSK	M	Inner_1RB_Left	26.41	28.55	33	pass
N41	30	50	DFT-PI2BPSK	M	Inner_1RB_Right	26.55	28.69	33	pass
N41	30	50	DFT-PI2BPSK	M	Outer_Full	26.41	28.55	33	pass
N41	30	50	DFT-QPSK	M	Inner_1RB_Left	26.4	28.54	33	pass
N41	30	50	DFT-QPSK	M	Inner_1RB_Right	26.56	28.7	33	pass
N41	30	50	DFT-QPSK	M	Outer_Full	26.41	28.55	33	pass
N41	30	50	DFT-16QAM	M	Inner_1RB_Left	26.37	28.51	33	pass
N41	30	50	DFT-16QAM	M	Inner_1RB_Right	26.49	28.63	33	pass
N41	30	50	DFT-16QAM	M	Outer_Full	26.39	28.53	33	pass
N41	30	50	DFT-64QAM	M	Inner_1RB_Left	26.39	28.53	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-Document.aspx>. Attention is drawn to the limitation of liability, non-reliance, indemnification and jurisdiction issues defined therein. Any non-conformity is advised within the intervention period. If no intervention is made, the sample is deemed to be in accordance with the intervention carried out and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated 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



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

South of No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

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



Report No.: SEWM2210000221RG02

Rev.: 01

Page: 7 of 36

N41	30	50	DFT-64QAM	M	Inner_1RB_Right	26.53	28.67	33	pass
N41	30	50	DFT-64QAM	M	Outer_Full	26.44	28.58	33	pass
N41	30	50	DFT-256QAM	M	Inner_1RB_Left	24.89	27.03	33	pass
N41	30	50	DFT-256QAM	M	Inner_1RB_Right	24.81	26.95	33	pass
N41	30	50	DFT-256QAM	M	Outer_Full	24.71	26.85	33	pass
N41	30	50	DFT-PI2BPSK	H	Inner_1RB_Left	26.28	28.42	33	pass
N41	30	50	DFT-PI2BPSK	H	Inner_1RB_Right	26.36	28.5	33	pass
N41	30	50	DFT-PI2BPSK	H	Outer_Full	26.19	28.33	33	pass
N41	30	50	DFT-QPSK	H	Inner_1RB_Left	26.2	28.34	33	pass
N41	30	50	DFT-QPSK	H	Inner_1RB_Right	26.32	28.46	33	pass
N41	30	50	DFT-QPSK	H	Outer_Full	26.29	28.43	33	pass
N41	30	50	DFT-16QAM	H	Inner_1RB_Left	26.24	28.38	33	pass
N41	30	50	DFT-16QAM	H	Inner_1RB_Right	26.29	28.43	33	pass
N41	30	50	DFT-16QAM	H	Outer_Full	26.19	28.33	33	pass
N41	30	50	DFT-64QAM	H	Inner_1RB_Left	26.28	28.42	33	pass
N41	30	50	DFT-64QAM	H	Inner_1RB_Right	26.33	28.47	33	pass
N41	30	50	DFT-64QAM	H	Outer_Full	26.2	28.34	33	pass
N41	30	50	DFT-256QAM	H	Inner_1RB_Left	24.51	26.65	33	pass
N41	30	50	DFT-256QAM	H	Inner_1RB_Right	24.69	26.83	33	pass
N41	30	50	DFT-256QAM	H	Outer_Full	24.51	26.65	33	pass
N41	30	60	DFT-PI2BPSK	L	Inner_1RB_Left	26.21	28.35	33	pass
N41	30	60	DFT-PI2BPSK	L	Inner_1RB_Right	26.31	28.45	33	pass
N41	30	60	DFT-PI2BPSK	L	Outer_Full	26.48	28.62	33	pass
N41	30	60	DFT-QPSK	L	Inner_1RB_Left	26.22	28.36	33	pass
N41	30	60	DFT-QPSK	L	Inner_1RB_Right	26.28	28.42	33	pass
N41	30	60	DFT-QPSK	L	Outer_Full	26.45	28.59	33	pass
N41	30	60	DFT-16QAM	L	Inner_1RB_Left	26.13	28.27	33	pass
N41	30	60	DFT-16QAM	L	Inner_1RB_Right	26.4	28.54	33	pass
N41	30	60	DFT-16QAM	L	Outer_Full	26.46	28.6	33	pass
N41	30	60	DFT-64QAM	L	Inner_1RB_Left	26.19	28.33	33	pass
N41	30	60	DFT-64QAM	L	Inner_1RB_Right	26.21	28.35	33	pass
N41	30	60	DFT-64QAM	L	Outer_Full	26.49	28.63	33	pass
N41	30	60	DFT-256QAM	L	Inner_1RB_Left	24.49	26.63	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-Document.aspx>. Attention is drawn to the limitation of liability, non-discrimination and jurisdiction issues defined therein. Any non-compliance with this document is advised to the Intervenor in writing, within the period defined at the time of intervention, and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated 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



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

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号厂房南侧 邮编: 215000

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



Report No.: SEWM2210000221RG02

Rev.: 01

Page: 8 of 36

N41	30	60	DFT-256QAM	L	Inner_1RB_Right	24.62	26.76	33	pass
N41	30	60	DFT-256QAM	L	Outer_Full	24.81	26.95	33	pass
N41	30	60	DFT-PI2BPSK	M	Inner_1RB_Left	26.41	28.55	33	pass
N41	30	60	DFT-PI2BPSK	M	Inner_1RB_Right	26.56	28.7	33	pass
N41	30	60	DFT-PI2BPSK	M	Outer_Full	26.44	28.58	33	pass
N41	30	60	DFT-QPSK	M	Inner_1RB_Left	26.42	28.56	33	pass
N41	30	60	DFT-QPSK	M	Inner_1RB_Right	26.48	28.62	33	pass
N41	30	60	DFT-QPSK	M	Outer_Full	26.41	28.55	33	pass
N41	30	60	DFT-16QAM	M	Inner_1RB_Left	26.32	28.46	33	pass
N41	30	60	DFT-16QAM	M	Inner_1RB_Right	26.53	28.67	33	pass
N41	30	60	DFT-16QAM	M	Outer_Full	26.46	28.6	33	pass
N41	30	60	DFT-64QAM	M	Inner_1RB_Left	26.5	28.64	33	pass
N41	30	60	DFT-64QAM	M	Inner_1RB_Right	26.47	28.61	33	pass
N41	30	60	DFT-64QAM	M	Outer_Full	26.44	28.58	33	pass
N41	30	60	DFT-256QAM	M	Inner_1RB_Left	24.72	26.86	33	pass
N41	30	60	DFT-256QAM	M	Inner_1RB_Right	24.78	26.92	33	pass
N41	30	60	DFT-256QAM	M	Outer_Full	24.72	26.86	33	pass
N41	30	60	DFT-PI2BPSK	H	Inner_1RB_Left	26.31	28.45	33	pass
N41	30	60	DFT-PI2BPSK	H	Inner_1RB_Right	26.36	28.5	33	pass
N41	30	60	DFT-PI2BPSK	H	Outer_Full	26.28	28.42	33	pass
N41	30	60	DFT-QPSK	H	Inner_1RB_Left	26.32	28.46	33	pass
N41	30	60	DFT-QPSK	H	Inner_1RB_Right	26.38	28.52	33	pass
N41	30	60	DFT-QPSK	H	Outer_Full	26.28	28.42	33	pass
N41	30	60	DFT-16QAM	H	Inner_1RB_Left	26.16	28.3	33	pass
N41	30	60	DFT-16QAM	H	Inner_1RB_Right	26.42	28.56	33	pass
N41	30	60	DFT-16QAM	H	Outer_Full	26.28	28.42	33	pass
N41	30	60	DFT-64QAM	H	Inner_1RB_Left	26.2	28.34	33	pass
N41	30	60	DFT-64QAM	H	Inner_1RB_Right	26.19	28.33	33	pass
N41	30	60	DFT-64QAM	H	Outer_Full	26.3	28.44	33	pass
N41	30	60	DFT-256QAM	H	Inner_1RB_Left	24.77	26.91	33	pass
N41	30	60	DFT-256QAM	H	Inner_1RB_Right	24.72	26.86	33	pass
N41	30	60	DFT-256QAM	H	Outer_Full	24.6	26.74	33	pass
N41	30	70	DFT-PI2BPSK	L	Inner_1RB_Left	26.2	28.34	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-Document.aspx>. Attention is drawn to the limitation of liability, non-reliance and jurisdiction clauses defined therein. Any non-compliance with this document is advised to the Intervenor in writing, within the period defined at the time of intervention, and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated 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



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

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号厂房南区 邮编: 215000

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



Report No.: SEWM2210000221RG02

Rev.: 01

Page: 9 of 36

N41	30	70	DFT-PI2BPSK	L	Inner_1RB_Right	26.1	28.24	33	pass
N41	30	70	DFT-PI2BPSK	L	Outer_Full	26.2	28.34	33	pass
N41	30	70	DFT-QPSK	L	Inner_1RB_Left	25.98	28.12	33	pass
N41	30	70	DFT-QPSK	L	Inner_1RB_Right	26.02	28.16	33	pass
N41	30	70	DFT-QPSK	L	Outer_Full	26.22	28.36	33	pass
N41	30	70	DFT-16QAM	L	Inner_1RB_Left	26.05	28.19	33	pass
N41	30	70	DFT-16QAM	L	Inner_1RB_Right	26.13	28.27	33	pass
N41	30	70	DFT-16QAM	L	Outer_Full	26.23	28.37	33	pass
N41	30	70	DFT-64QAM	L	Inner_1RB_Left	25.99	28.13	33	pass
N41	30	70	DFT-64QAM	L	Inner_1RB_Right	26.15	28.29	33	pass
N41	30	70	DFT-64QAM	L	Outer_Full	26.22	28.36	33	pass
N41	30	70	DFT-256QAM	L	Inner_1RB_Left	24.38	26.52	33	pass
N41	30	70	DFT-256QAM	L	Inner_1RB_Right	24.47	26.61	33	pass
N41	30	70	DFT-256QAM	L	Outer_Full	24.52	26.66	33	pass
N41	30	70	DFT-PI2BPSK	M	Inner_1RB_Left	26.27	28.41	33	pass
N41	30	70	DFT-PI2BPSK	M	Inner_1RB_Right	26.3	28.44	33	pass
N41	30	70	DFT-PI2BPSK	M	Outer_Full	26.27	28.41	33	pass
N41	30	70	DFT-QPSK	M	Inner_1RB_Left	26.25	28.39	33	pass
N41	30	70	DFT-QPSK	M	Inner_1RB_Right	26.31	28.45	33	pass
N41	30	70	DFT-QPSK	M	Outer_Full	26.27	28.41	33	pass
N41	30	70	DFT-16QAM	M	Inner_1RB_Left	26.28	28.42	33	pass
N41	30	70	DFT-16QAM	M	Inner_1RB_Right	26.33	28.47	33	pass
N41	30	70	DFT-16QAM	M	Outer_Full	26.25	28.39	33	pass
N41	30	70	DFT-64QAM	M	Inner_1RB_Left	26.21	28.35	33	pass
N41	30	70	DFT-64QAM	M	Inner_1RB_Right	26.32	28.46	33	pass
N41	30	70	DFT-64QAM	M	Outer_Full	26.24	28.38	33	pass
N41	30	70	DFT-256QAM	M	Inner_1RB_Left	24.53	26.67	33	pass
N41	30	70	DFT-256QAM	M	Inner_1RB_Right	24.71	26.85	33	pass
N41	30	70	DFT-256QAM	M	Outer_Full	24.55	26.69	33	pass
N41	30	70	DFT-PI2BPSK	H	Inner_1RB_Left	26.16	28.3	33	pass
N41	30	70	DFT-PI2BPSK	H	Inner_1RB_Right	26.22	28.36	33	pass
N41	30	70	DFT-PI2BPSK	H	Outer_Full	26.29	28.43	33	pass
N41	30	70	DFT-QPSK	H	Inner_1RB_Left	26.17	28.31	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-Document.aspx>. Attention is drawn to the limitation of liability, non-discrimination and jurisdiction issues defined therein. Any non-compliance with this document is advised to the Intervenor in writing, within the period defined at the time of intervention, and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated 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号厂房南区 邮编: 215000

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



Report No.: SEWM2210000221RG02

Rev.: 01

Page: 10 of 36

N41	30	70	DFT-QPSK	H	Inner_1RB_Right	26.25	28.39	33	pass
N41	30	70	DFT-QPSK	H	Outer_Full	26.32	28.46	33	pass
N41	30	70	DFT-16QAM	H	Inner_1RB_Left	26.14	28.28	33	pass
N41	30	70	DFT-16QAM	H	Inner_1RB_Right	26.28	28.42	33	pass
N41	30	70	DFT-16QAM	H	Outer_Full	26.29	28.43	33	pass
N41	30	70	DFT-64QAM	H	Inner_1RB_Left	26.25	28.39	33	pass
N41	30	70	DFT-64QAM	H	Inner_1RB_Right	26.23	28.37	33	pass
N41	30	70	DFT-64QAM	H	Outer_Full	26.31	28.45	33	pass
N41	30	70	DFT-256QAM	H	Inner_1RB_Left	24.6	26.74	33	pass
N41	30	70	DFT-256QAM	H	Inner_1RB_Right	24.63	26.77	33	pass
N41	30	70	DFT-256QAM	H	Outer_Full	24.59	26.73	33	pass
N41	30	80	DFT-PI2BPSK	L	Inner_1RB_Left	26.06	28.2	33	pass
N41	30	80	DFT-PI2BPSK	L	Inner_1RB_Right	26.1	28.24	33	pass
N41	30	80	DFT-PI2BPSK	L	Outer_Full	26.21	28.35	33	pass
N41	30	80	DFT-QPSK	L	Inner_1RB_Left	26	28.14	33	pass
N41	30	80	DFT-QPSK	L	Inner_1RB_Right	26.12	28.26	33	pass
N41	30	80	DFT-QPSK	L	Outer_Full	26.17	28.31	33	pass
N41	30	80	DFT-16QAM	L	Inner_1RB_Left	26.02	28.16	33	pass
N41	30	80	DFT-16QAM	L	Inner_1RB_Right	26.1	28.24	33	pass
N41	30	80	DFT-16QAM	L	Outer_Full	26.16	28.3	33	pass
N41	30	80	DFT-64QAM	L	Inner_1RB_Left	26.04	28.18	33	pass
N41	30	80	DFT-64QAM	L	Inner_1RB_Right	26.02	28.16	33	pass
N41	30	80	DFT-64QAM	L	Outer_Full	26.22	28.36	33	pass
N41	30	80	DFT-256QAM	L	Inner_1RB_Left	24.37	26.51	33	pass
N41	30	80	DFT-256QAM	L	Inner_1RB_Right	24.42	26.56	33	pass
N41	30	80	DFT-256QAM	L	Outer_Full	24.52	26.66	33	pass
N41	30	80	DFT-PI2BPSK	M	Inner_1RB_Left	26.22	28.36	33	pass
N41	30	80	DFT-PI2BPSK	M	Inner_1RB_Right	26.39	28.53	33	pass
N41	30	80	DFT-PI2BPSK	M	Outer_Full	26.36	28.5	33	pass
N41	30	80	DFT-QPSK	M	Inner_1RB_Left	26.24	28.38	33	pass
N41	30	80	DFT-QPSK	M	Inner_1RB_Right	26.36	28.5	33	pass
N41	30	80	DFT-QPSK	M	Outer_Full	26.37	28.51	33	pass
N41	30	80	DFT-16QAM	M	Inner_1RB_Left	26.12	28.26	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-Document.aspx>. Attention is drawn to the limitation of liability, non-discrimination and jurisdiction issues defined therein. Any non-conformity found in this document is advised to the Intervenor in writing. Intervenor reserves the right to finalise at the time of intervention, out of and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorised alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



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

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

China • 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号厂房南部 邮编: 215000

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



Report No.: SEWM2210000221RG02

Rev.: 01

Page: 11 of 36

N41	30	80	DFT-16QAM	M	Inner_1RB_Right	26.34	28.48	33	pass
N41	30	80	DFT-16QAM	M	Outer_Full	26.38	28.52	33	pass
N41	30	80	DFT-64QAM	M	Inner_1RB_Left	26.27	28.41	33	pass
N41	30	80	DFT-64QAM	M	Inner_1RB_Right	26.27	28.41	33	pass
N41	30	80	DFT-64QAM	M	Outer_Full	26.41	28.55	33	pass
N41	30	80	DFT-256QAM	M	Inner_1RB_Left	24.61	26.75	33	pass
N41	30	80	DFT-256QAM	M	Inner_1RB_Right	24.69	26.83	33	pass
N41	30	80	DFT-256QAM	M	Outer_Full	24.69	26.83	33	pass
N41	30	80	DFT-PI2BPSK	H	Inner_1RB_Left	26.02	28.16	33	pass
N41	30	80	DFT-PI2BPSK	H	Inner_1RB_Right	26.33	28.47	33	pass
N41	30	80	DFT-PI2BPSK	H	Outer_Full	26.17	28.31	33	pass
N41	30	80	DFT-QPSK	H	Inner_1RB_Left	26.06	28.2	33	pass
N41	30	80	DFT-QPSK	H	Inner_1RB_Right	26.25	28.39	33	pass
N41	30	80	DFT-QPSK	H	Outer_Full	26.16	28.3	33	pass
N41	30	80	DFT-16QAM	H	Inner_1RB_Left	25.9	28.04	33	pass
N41	30	80	DFT-16QAM	H	Inner_1RB_Right	26.37	28.51	33	pass
N41	30	80	DFT-16QAM	H	Outer_Full	26.2	28.34	33	pass
N41	30	80	DFT-64QAM	H	Inner_1RB_Left	26	28.14	33	pass
N41	30	80	DFT-64QAM	H	Inner_1RB_Right	26.32	28.46	33	pass
N41	30	80	DFT-64QAM	H	Outer_Full	26.17	28.31	33	pass
N41	30	80	DFT-256QAM	H	Inner_1RB_Left	24.39	26.53	33	pass
N41	30	80	DFT-256QAM	H	Inner_1RB_Right	24.69	26.83	33	pass
N41	30	80	DFT-256QAM	H	Outer_Full	24.48	26.62	33	pass
N41	30	90	DFT-PI2BPSK	L	Inner_1RB_Left	26.06	28.2	33	pass
N41	30	90	DFT-PI2BPSK	L	Inner_1RB_Right	26.03	28.17	33	pass
N41	30	90	DFT-PI2BPSK	L	Outer_Full	26.13	28.27	33	pass
N41	30	90	DFT-QPSK	L	Inner_1RB_Left	25.95	28.09	33	pass
N41	30	90	DFT-QPSK	L	Inner_1RB_Right	26	28.14	33	pass
N41	30	90	DFT-QPSK	L	Outer_Full	26.15	28.29	33	pass
N41	30	90	DFT-16QAM	L	Inner_1RB_Left	26.03	28.17	33	pass
N41	30	90	DFT-16QAM	L	Inner_1RB_Right	26.04	28.18	33	pass
N41	30	90	DFT-16QAM	L	Outer_Full	26.14	28.28	33	pass
N41	30	90	DFT-64QAM	L	Inner_1RB_Left	25.85	27.99	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-Document.aspx>. Attention is drawn to the limitation of liability, non-discrimination and jurisdiction issues defined therein. Any non-compliance with this document is advised to the appropriate authority in the company, firm or organization at the time of intervention, out and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



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

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



Report No.: SEWM2210000221RG02

Rev.: 01

Page: 12 of 36

N41	30	90	DFT-64QAM	L	Inner_1RB_Right	26.08	28.22	33	pass
N41	30	90	DFT-64QAM	L	Outer_Full	26.14	28.28	33	pass
N41	30	90	DFT-256QAM	L	Inner_1RB_Left	24.2	26.34	33	pass
N41	30	90	DFT-256QAM	L	Inner_1RB_Right	24.3	26.44	33	pass
N41	30	90	DFT-256QAM	L	Outer_Full	24.42	26.56	33	pass
N41	30	90	DFT-PI2BPSK	M	Inner_1RB_Left	26.25	28.39	33	pass
N41	30	90	DFT-PI2BPSK	M	Inner_1RB_Right	26.5	28.64	33	pass
N41	30	90	DFT-PI2BPSK	M	Outer_Full	26.36	28.5	33	pass
N41	30	90	DFT-QPSK	M	Inner_1RB_Left	26.24	28.38	33	pass
N41	30	90	DFT-QPSK	M	Inner_1RB_Right	26.55	28.69	33	pass
N41	30	90	DFT-QPSK	M	Outer_Full	26.38	28.52	33	pass
N41	30	90	DFT-16QAM	M	Inner_1RB_Left	26.14	28.28	33	pass
N41	30	90	DFT-16QAM	M	Inner_1RB_Right	26.54	28.68	33	pass
N41	30	90	DFT-16QAM	M	Outer_Full	26.37	28.51	33	pass
N41	30	90	DFT-64QAM	M	Inner_1RB_Left	26.25	28.39	33	pass
N41	30	90	DFT-64QAM	M	Inner_1RB_Right	26.44	28.58	33	pass
N41	30	90	DFT-64QAM	M	Outer_Full	26.38	28.52	33	pass
N41	30	90	DFT-256QAM	M	Inner_1RB_Left	24.54	26.68	33	pass
N41	30	90	DFT-256QAM	M	Inner_1RB_Right	24.82	26.96	33	pass
N41	30	90	DFT-256QAM	M	Outer_Full	24.69	26.83	33	pass
N41	30	90	DFT-PI2BPSK	H	Inner_1RB_Left	25.99	28.13	33	pass
N41	30	90	DFT-PI2BPSK	H	Inner_1RB_Right	26.41	28.55	33	pass
N41	30	90	DFT-PI2BPSK	H	Outer_Full	26.21	28.35	33	pass
N41	30	90	DFT-QPSK	H	Inner_1RB_Left	25.99	28.13	33	pass
N41	30	90	DFT-QPSK	H	Inner_1RB_Right	26.37	28.51	33	pass
N41	30	90	DFT-QPSK	H	Outer_Full	26.2	28.34	33	pass
N41	30	90	DFT-16QAM	H	Inner_1RB_Left	25.92	28.06	33	pass
N41	30	90	DFT-16QAM	H	Inner_1RB_Right	26.44	28.58	33	pass
N41	30	90	DFT-16QAM	H	Outer_Full	26.22	28.36	33	pass
N41	30	90	DFT-64QAM	H	Inner_1RB_Left	25.98	28.12	33	pass
N41	30	90	DFT-64QAM	H	Inner_1RB_Right	26.31	28.45	33	pass
N41	30	90	DFT-64QAM	H	Outer_Full	26.2	28.34	33	pass
N41	30	90	DFT-256QAM	H	Inner_1RB_Left	24.34	26.48	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-Document.aspx>. Attention is drawn to the limitation of liability, non-discrimination and jurisdiction issues defined therein. Any non-compliance with this document is advised to the appropriate authority in the company, firm or organization at the time of intervention, out and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated 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. 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号厂房南部 邮编: 215000

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



Report No.: SEWM2210000221RG02

Rev.: 01

Page: 13 of 36

N41	30	90	DFT-256QAM	H	Inner_1RB_Right	24.66	26.8	33	pass
N41	30	90	DFT-256QAM	H	Outer_Full	24.49	26.63	33	pass
N41	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	25.95	28.09	33	pass
N41	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	25.86	28	33	pass
N41	30	100	DFT-PI2BPSK	L	Outer_Full	26.15	28.29	33	pass
N41	30	100	DFT-QPSK	L	Inner_1RB_Left	26.02	28.16	33	pass
N41	30	100	DFT-QPSK	L	Inner_1RB_Right	25.87	28.01	33	pass
N41	30	100	DFT-QPSK	L	Outer_Full	26.11	28.25	33	pass
N41	30	100	DFT-16QAM	L	Inner_1RB_Left	25.91	28.05	33	pass
N41	30	100	DFT-16QAM	L	Inner_1RB_Right	25.87	28.01	33	pass
N41	30	100	DFT-16QAM	L	Outer_Full	26.14	28.28	33	pass
N41	30	100	DFT-64QAM	L	Inner_1RB_Left	25.88	28.02	33	pass
N41	30	100	DFT-64QAM	L	Inner_1RB_Right	25.78	27.92	33	pass
N41	30	100	DFT-64QAM	L	Outer_Full	26.12	28.26	33	pass
N41	30	100	DFT-256QAM	L	Inner_1RB_Left	24.32	26.46	33	pass
N41	30	100	DFT-256QAM	L	Inner_1RB_Right	24.22	26.36	33	pass
N41	30	100	DFT-256QAM	L	Outer_Full	24.38	26.52	33	pass
N41	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	26.29	28.43	33	pass
N41	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	26.52	28.66	33	pass
N41	30	100	DFT-PI2BPSK	M	Outer_Full	26.34	28.48	33	pass
N41	30	100	DFT-QPSK	M	Inner_1RB_Left	26.25	28.39	33	pass
N41	30	100	DFT-QPSK	M	Inner_1RB_Right	26.44	28.58	33	pass
N41	30	100	DFT-QPSK	M	Outer_Full	30.1	32.24	33	pass
N41	30	100	DFT-16QAM	M	Inner_1RB_Left	28.74	30.88	33	pass
N41	30	100	DFT-16QAM	M	Inner_1RB_Right	27.65	29.79	33	pass
N41	30	100	DFT-16QAM	M	Outer_Full	26.36	28.5	33	pass
N41	30	100	DFT-64QAM	M	Inner_1RB_Left	26.32	28.46	33	pass
N41	30	100	DFT-64QAM	M	Inner_1RB_Right	26.5	28.64	33	pass
N41	30	100	DFT-64QAM	M	Outer_Full	26.39	28.53	33	pass
N41	30	100	DFT-256QAM	M	Inner_1RB_Left	24.57	26.71	33	pass
N41	30	100	DFT-256QAM	M	Inner_1RB_Right	24.76	26.9	33	pass
N41	30	100	DFT-256QAM	M	Outer_Full	24.7	26.84	33	pass
N41	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	25.96	28.1	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-Document.aspx>. Attention is drawn to the limitation of liability, non-discrimination and jurisdiction issues defined therein. Any non-compliance with this document is advised to the appropriate authority in the company, firm or organization at the time of intervention, out and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



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

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



Report No.: SEWM2210000221RG02

Rev.: 01

Page: 14 of 36

N41	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	26.44	28.58	33	pass
N41	30	100	DFT-PI2BPSK	H	Outer_Full	26.23	28.37	33	pass
N41	30	100	DFT-QPSK	H	Inner_1RB_Left	25.97	28.11	33	pass
N41	30	100	DFT-QPSK	H	Inner_1RB_Right	26.38	28.52	33	pass
N41	30	100	DFT-QPSK	H	Outer_Full	26.25	28.39	33	pass
N41	30	100	DFT-16QAM	H	Inner_1RB_Left	25.94	28.08	33	pass
N41	30	100	DFT-16QAM	H	Inner_1RB_Right	26.46	28.6	33	pass
N41	30	100	DFT-16QAM	H	Outer_Full	26.28	28.42	33	pass
N41	30	100	DFT-64QAM	H	Inner_1RB_Left	25.92	28.06	33	pass
N41	30	100	DFT-64QAM	H	Inner_1RB_Right	26.38	28.52	33	pass
N41	30	100	DFT-64QAM	H	Outer_Full	26.25	28.39	33	pass
N41	30	100	DFT-256QAM	H	Inner_1RB_Left	24.31	26.45	33	pass
N41	30	100	DFT-256QAM	H	Inner_1RB_Right	24.78	26.92	33	pass
N41	30	100	DFT-256QAM	H	Outer_Full	24.54	26.68	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-Document.aspx>. Attention is drawn to the limitation of liability, non-acceptance, disqualification and jurisdiction issues defined therein. Any non-compliant document is advised to the Client. The information contained herein reflects the scope of findings at the time of the intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



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

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

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

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

Report No.: SEWM2210000221RG02
 Rev.: 01
 Page: 15 of 36

Effective (Isotropic) Radiated Power Output Data for UL MIMO

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power	Power	Total	EIRP	LIMIT	verdict
N41	30	20	CP-QPSK	L	Inner_1RB_Left	22.22	22.52	25.38	27.52	33	pass
N41	30	20	CP-QPSK	L	Inner_1RB_Right	22.19	22.26	25.24	27.38	33	pass
N41	30	20	CP-QPSK	L	Outer_Full	20.84	20.64	23.75	25.89	33	pass
N41	30	20	CP-16QAM	L	Inner_1RB_Left	21.59	21.73	24.67	26.81	33	pass
N41	30	20	CP-16QAM	L	Inner_1RB_Right	21.67	21.47	24.59	26.73	33	pass
N41	30	20	CP-16QAM	L	Outer_Full	20.85	20.62	23.75	25.89	33	pass
N41	30	20	CP-64QAM	L	Inner_1RB_Left	20.31	19.83	23.09	25.23	33	pass
N41	30	20	CP-64QAM	L	Inner_1RB_Right	20.29	19.74	23.03	25.17	33	pass
N41	30	20	CP-64QAM	L	Outer_Full	20.4	20.26	23.34	25.48	33	pass
N41	30	20	CP-256QAM	L	Inner_1RB_Left	17.32	17.18	20.26	22.4	33	pass
N41	30	20	CP-256QAM	L	Inner_1RB_Right	17.37	17.08	20.24	22.38	33	pass
N41	30	20	CP-256QAM	L	Outer_Full	17.39	17.17	20.29	22.43	33	pass
N41	30	20	CP-QPSK	M	Inner_1RB_Left	22.18	22.06	25.13	27.27	33	pass
N41	30	20	CP-QPSK	M	Inner_1RB_Right	22.62	22.17	25.41	27.55	33	pass
N41	30	20	CP-QPSK	M	Outer_Full	20.98	20.35	23.69	25.83	33	pass
N41	30	20	CP-16QAM	M	Inner_1RB_Left	21.72	21.36	24.55	26.69	33	pass
N41	30	20	CP-16QAM	M	Inner_1RB_Right	21.97	21.5	24.75	26.89	33	pass
N41	30	20	CP-16QAM	M	Outer_Full	20.94	20.35	23.66	25.8	33	pass
N41	30	20	CP-64QAM	M	Inner_1RB_Left	20.19	19.44	22.84	24.98	33	pass
N41	30	20	CP-64QAM	M	Inner_1RB_Right	20.57	19.57	23.11	25.25	33	pass
N41	30	20	CP-64QAM	M	Outer_Full	20.54	19.98	23.28	25.42	33	pass
N41	30	20	CP-256QAM	M	Inner_1RB_Left	17.24	16.78	20.02	22.16	33	pass
N41	30	20	CP-256QAM	M	Inner_1RB_Right	17.72	16.97	20.37	22.51	33	pass
N41	30	20	CP-256QAM	M	Outer_Full	17.49	16.87	20.2	22.34	33	pass
N41	30	20	CP-QPSK	H	Inner_1RB_Left	22.26	22	25.14	27.28	33	pass
N41	30	20	CP-QPSK	H	Inner_1RB_Right	22.59	21.96	25.3	27.44	33	pass
N41	30	20	CP-QPSK	H	Outer_Full	20.94	20.33	23.66	25.8	33	pass
N41	30	20	CP-16QAM	H	Inner_1RB_Left	21.73	21.17	24.47	26.61	33	pass
N41	30	20	CP-16QAM	H	Inner_1RB_Right	22.05	21.15	24.63	26.77	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 herein is the property of the Company and is held in confidence. Any disclosure of this information is subject to the instructions of the Company, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated 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



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

Report No.: SEWM2210000221RG02

Rev.: 01

Page: 16 of 36

N41	30	20	CP-16QAM	H	Outer_Full	20.93	20.32	23.65	25.79	33	pass
N41	30	20	CP-64QAM	H	Inner_1RB_Left	20.3	19.31	22.84	24.98	33	pass
N41	30	20	CP-64QAM	H	Inner_1RB_Right	20.49	19.39	22.99	25.13	33	pass
N41	30	20	CP-64QAM	H	Outer_Full	20.47	19.93	23.22	25.36	33	pass
N41	30	20	CP-256QAM	H	Inner_1RB_Left	17.36	16.73	20.07	22.21	33	pass
N41	30	20	CP-256QAM	H	Inner_1RB_Right	17.56	16.78	20.2	22.34	33	pass
N41	30	20	CP-256QAM	H	Outer_Full	17.42	16.86	20.16	22.3	33	pass
N41	30	30	CP-QPSK	L	Inner_1RB_Left	22.2	22.38	25.3	27.44	33	pass
N41	30	30	CP-QPSK	L	Inner_1RB_Right	22.4	22.34	25.38	27.52	33	pass
N41	30	30	CP-QPSK	L	Outer_Full	20.88	20.58	23.74	25.88	33	pass
N41	30	30	CP-16QAM	L	Inner_1RB_Left	21.59	21.65	24.63	26.77	33	pass
N41	30	30	CP-16QAM	L	Inner_1RB_Right	21.64	21.32	24.5	26.64	33	pass
N41	30	30	CP-16QAM	L	Outer_Full	20.88	20.63	23.77	25.91	33	pass
N41	30	30	CP-64QAM	L	Inner_1RB_Left	20.27	19.92	23.11	25.25	33	pass
N41	30	30	CP-64QAM	L	Inner_1RB_Right	20.38	19.61	23.03	25.17	33	pass
N41	30	30	CP-64QAM	L	Outer_Full	20.43	20.18	23.32	25.46	33	pass
N41	30	30	CP-256QAM	L	Inner_1RB_Left	17.4	17.19	20.31	22.45	33	pass
N41	30	30	CP-256QAM	L	Inner_1RB_Right	17.4	17.14	20.28	22.42	33	pass
N41	30	30	CP-256QAM	L	Outer_Full	17.44	17.17	20.32	22.46	33	pass
N41	30	30	CP-QPSK	M	Inner_1RB_Left	22.31	22.27	25.3	27.44	33	pass
N41	30	30	CP-QPSK	M	Inner_1RB_Right	22.79	22.37	25.59	27.73	33	pass
N41	30	30	CP-QPSK	M	Outer_Full	21.04	20.37	23.73	25.87	33	pass
N41	30	30	CP-16QAM	M	Inner_1RB_Left	21.68	21.57	24.64	26.78	33	pass
N41	30	30	CP-16QAM	M	Inner_1RB_Right	22.31	21.58	24.97	27.11	33	pass
N41	30	30	CP-16QAM	M	Outer_Full	21.03	20.42	23.75	25.89	33	pass
N41	30	30	CP-64QAM	M	Inner_1RB_Left	20.34	19.47	22.94	25.08	33	pass
N41	30	30	CP-64QAM	M	Inner_1RB_Right	20.78	19.65	23.26	25.4	33	pass
N41	30	30	CP-64QAM	M	Outer_Full	20.59	19.96	23.3	25.44	33	pass
N41	30	30	CP-256QAM	M	Inner_1RB_Left	17.33	16.89	20.13	22.27	33	pass
N41	30	30	CP-256QAM	M	Inner_1RB_Right	17.68	17.05	20.38	22.52	33	pass
N41	30	30	CP-256QAM	M	Outer_Full	17.58	16.95	20.29	22.43	33	pass
N41	30	30	CP-QPSK	H	Inner_1RB_Left	22.34	22.16	25.26	27.4	33	pass
N41	30	30	CP-QPSK	H	Inner_1RB_Right	22.6	22.24	25.44	27.58	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-Document.aspx>. Attention is drawn to the limitation of liability, non-reliance, indemnification and jurisdiction issues defined therein. Any non-conforming document is advised to the attention of the laboratory manager herein below the sample is final at the time of intervention and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



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

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

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

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



Report No.: SEWM2210000221RG02

Rev.: 01

Page: 17 of 36

N41	30	30	CP-QPSK	H	Outer_Full	20.97	20.34	23.68	25.82	33	pass
N41	30	30	CP-16QAM	H	Inner_1RB_Left	21.77	21.25	24.53	26.67	33	pass
N41	30	30	CP-16QAM	H	Inner_1RB_Right	22.14	21.33	24.76	26.9	33	pass
N41	30	30	CP-16QAM	H	Outer_Full	20.98	20.37	23.7	25.84	33	pass
N41	30	30	CP-64QAM	H	Inner_1RB_Left	20.33	19.44	22.92	25.06	33	pass
N41	30	30	CP-64QAM	H	Inner_1RB_Right	20.82	19.56	23.25	25.39	33	pass
N41	30	30	CP-64QAM	H	Outer_Full	20.53	19.96	23.27	25.41	33	pass
N41	30	30	CP-256QAM	H	Inner_1RB_Left	17.41	16.77	20.11	22.25	33	pass
N41	30	30	CP-256QAM	H	Inner_1RB_Right	17.66	16.97	20.34	22.48	33	pass
N41	30	30	CP-256QAM	H	Outer_Full	17.54	16.93	20.26	22.4	33	pass
N41	30	40	CP-QPSK	L	Inner_1RB_Left	22.28	22.45	25.38	27.52	33	pass
N41	30	40	CP-QPSK	L	Inner_1RB_Right	22.64	22.03	25.36	27.5	33	pass
N41	30	40	CP-QPSK	L	Outer_Full	20.95	20.58	23.78	25.92	33	pass
N41	30	40	CP-16QAM	L	Inner_1RB_Left	21.61	21.78	24.71	26.85	33	pass
N41	30	40	CP-16QAM	L	Inner_1RB_Right	22.13	21.26	24.73	26.87	33	pass
N41	30	40	CP-16QAM	L	Outer_Full	20.99	20.62	23.82	25.96	33	pass
N41	30	40	CP-64QAM	L	Inner_1RB_Left	20.38	19.86	23.14	25.28	33	pass
N41	30	40	CP-64QAM	L	Inner_1RB_Right	20.69	19.54	23.17	25.31	33	pass
N41	30	40	CP-64QAM	L	Outer_Full	20.49	20.14	23.33	25.47	33	pass
N41	30	40	CP-256QAM	L	Inner_1RB_Left	17.44	17.24	20.35	22.49	33	pass
N41	30	40	CP-256QAM	L	Inner_1RB_Right	17.74	16.91	20.35	22.49	33	pass
N41	30	40	CP-256QAM	L	Outer_Full	17.45	17.2	20.34	22.48	33	pass
N41	30	40	CP-QPSK	M	Inner_1RB_Left	22.44	22.36	25.41	27.55	33	pass
N41	30	40	CP-QPSK	M	Inner_1RB_Right	22.84	22.33	25.6	27.74	33	pass
N41	30	40	CP-QPSK	M	Outer_Full	21.08	20.46	23.79	25.93	33	pass
N41	30	40	CP-16QAM	M	Inner_1RB_Left	21.78	21.45	24.63	26.77	33	pass
N41	30	40	CP-16QAM	M	Inner_1RB_Right	22.18	21.47	24.85	26.99	33	pass
N41	30	40	CP-16QAM	M	Outer_Full	21.11	20.5	23.83	25.97	33	pass
N41	30	40	CP-64QAM	M	Inner_1RB_Left	20.38	19.59	23.02	25.16	33	pass
N41	30	40	CP-64QAM	M	Inner_1RB_Right	20.83	19.72	23.32	25.46	33	pass
N41	30	40	CP-64QAM	M	Outer_Full	20.57	20.02	23.32	25.46	33	pass
N41	30	40	CP-256QAM	M	Inner_1RB_Left	17.51	16.96	20.25	22.39	33	pass
N41	30	40	CP-256QAM	M	Inner_1RB_Right	17.89	17.05	20.5	22.64	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-Document.aspx>. Attention is drawn to the limitation of liability, non-reliance, indemnification and jurisdiction issues defined therein. Any non-settlement document is advisory and the information contained herein does not supersede findings at the time of intervention, out and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated 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



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

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



Report No.: SEWM2210000221RG02

Rev.: 01

Page: 18 of 36

N41	30	40	CP-256QAM	M	Outer_Full	17.54	17.03	20.3	22.44	33	pass
N41	30	40	CP-QPSK	H	Inner_1RB_Left	22.47	22.31	25.4	27.54	33	pass
N41	30	40	CP-QPSK	H	Inner_1RB_Right	22.95	22.39	25.69	27.83	33	pass
N41	30	40	CP-QPSK	H	Outer_Full	21.06	20.53	23.81	25.95	33	pass
N41	30	40	CP-16QAM	H	Inner_1RB_Left	21.67	21.53	24.61	26.75	33	pass
N41	30	40	CP-16QAM	H	Inner_1RB_Right	22.28	21.45	24.9	27.04	33	pass
N41	30	40	CP-16QAM	H	Outer_Full	21.08	20.5	23.81	25.95	33	pass
N41	30	40	CP-64QAM	H	Inner_1RB_Left	20.4	19.63	23.05	25.19	33	pass
N41	30	40	CP-64QAM	H	Inner_1RB_Right	20.75	19.75	23.28	25.42	33	pass
N41	30	40	CP-64QAM	H	Outer_Full	20.59	20.07	23.35	25.49	33	pass
N41	30	40	CP-256QAM	H	Inner_1RB_Left	17.42	16.99	20.22	22.36	33	pass
N41	30	40	CP-256QAM	H	Inner_1RB_Right	17.68	17.09	20.4	22.54	33	pass
N41	30	40	CP-256QAM	H	Outer_Full	17.54	17.04	20.31	22.45	33	pass
N41	30	50	CP-QPSK	L	Inner_1RB_Left	22.19	22.39	25.3	27.44	33	pass
N41	30	50	CP-QPSK	L	Inner_1RB_Right	22.43	22.27	25.36	27.5	33	pass
N41	30	50	CP-QPSK	L	Outer_Full	20.95	20.56	23.77	25.91	33	pass
N41	30	50	CP-16QAM	L	Inner_1RB_Left	21.75	21.75	24.76	26.9	33	pass
N41	30	50	CP-16QAM	L	Inner_1RB_Right	21.89	21.54	24.73	26.87	33	pass
N41	30	50	CP-16QAM	L	Outer_Full	20.95	20.51	23.75	25.89	33	pass
N41	30	50	CP-64QAM	L	Inner_1RB_Left	20.2	19.96	23.09	25.23	33	pass
N41	30	50	CP-64QAM	L	Inner_1RB_Right	20.35	19.63	23.02	25.16	33	pass
N41	30	50	CP-64QAM	L	Outer_Full	20.35	20.02	23.2	25.34	33	pass
N41	30	50	CP-256QAM	L	Inner_1RB_Left	17.29	17.24	20.28	22.42	33	pass
N41	30	50	CP-256QAM	L	Inner_1RB_Right	17.43	17.07	20.26	22.4	33	pass
N41	30	50	CP-256QAM	L	Outer_Full	17.29	17.05	20.18	22.32	33	pass
N41	30	50	CP-QPSK	M	Inner_1RB_Left	22.36	22.12	25.25	27.39	33	pass
N41	30	50	CP-QPSK	M	Inner_1RB_Right	22.71	22.42	25.58	27.72	33	pass
N41	30	50	CP-QPSK	M	Outer_Full	20.97	20.5	23.75	25.89	33	pass
N41	30	50	CP-16QAM	M	Inner_1RB_Left	21.79	21.43	24.62	26.76	33	pass
N41	30	50	CP-16QAM	M	Inner_1RB_Right	22.04	21.47	24.77	26.91	33	pass
N41	30	50	CP-16QAM	M	Outer_Full	21	20.51	23.77	25.91	33	pass
N41	30	50	CP-64QAM	M	Inner_1RB_Left	20.26	19.52	22.92	25.06	33	pass
N41	30	50	CP-64QAM	M	Inner_1RB_Right	20.68	19.75	23.25	25.39	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-Document.aspx>. Attention is drawn to the limitation of liability, non-liability, identification and jurisdiction issues defined therein. Any non-compliance with this document is advised to the information contained herein before the sample is finalized at the time of intervention out and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



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

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

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

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

Report No.: SEWM221000221RG02

Rev.: 01

Page: 19 of 36

N41	30	50	CP-64QAM	M	Outer_Full	20.5	19.93	23.23	25.37	33	pass
N41	30	50	CP-256QAM	M	Inner_1RB_Left	17.4	16.9	20.17	22.31	33	pass
N41	30	50	CP-256QAM	M	Inner_1RB_Right	17.75	17.19	20.49	22.63	33	pass
N41	30	50	CP-256QAM	M	Outer_Full	17.49	16.99	20.26	22.4	33	pass
N41	30	50	CP-QPSK	H	Inner_1RB_Left	22.38	22.09	25.25	27.39	33	pass
N41	30	50	CP-QPSK	H	Inner_1RB_Right	22.56	22.17	25.38	27.52	33	pass
N41	30	50	CP-QPSK	H	Outer_Full	20.92	20.43	23.69	25.83	33	pass
N41	30	50	CP-16QAM	H	Inner_1RB_Left	21.65	21.26	24.47	26.61	33	pass
N41	30	50	CP-16QAM	H	Inner_1RB_Right	22.17	21.37	24.8	26.94	33	pass
N41	30	50	CP-16QAM	H	Outer_Full	20.89	20.45	23.69	25.83	33	pass
N41	30	50	CP-64QAM	H	Inner_1RB_Left	20.23	19.41	22.85	24.99	33	pass
N41	30	50	CP-64QAM	H	Inner_1RB_Right	20.64	19.61	23.17	25.31	33	pass
N41	30	50	CP-64QAM	H	Outer_Full	20.51	19.88	23.22	25.36	33	pass
N41	30	50	CP-256QAM	H	Inner_1RB_Left	17.3	16.65	20	22.14	33	pass
N41	30	50	CP-256QAM	H	Inner_1RB_Right	17.62	16.94	20.3	22.44	33	pass
N41	30	50	CP-256QAM	H	Outer_Full	17.31	16.92	20.13	22.27	33	pass
N41	30	60	CP-QPSK	L	Inner_1RB_Left	22.2	22.65	25.44	27.58	33	pass
N41	30	60	CP-QPSK	L	Inner_1RB_Right	22.3	22.13	25.23	27.37	33	pass
N41	30	60	CP-QPSK	L	Outer_Full	20.86	20.62	23.75	25.89	33	pass
N41	30	60	CP-16QAM	L	Inner_1RB_Left	21.67	21.93	24.81	26.95	33	pass
N41	30	60	CP-16QAM	L	Inner_1RB_Right	21.64	21.29	24.48	26.62	33	pass
N41	30	60	CP-16QAM	L	Outer_Full	20.89	20.55	23.73	25.87	33	pass
N41	30	60	CP-64QAM	L	Inner_1RB_Left	20.2	19.87	23.05	25.19	33	pass
N41	30	60	CP-64QAM	L	Inner_1RB_Right	20.29	19.44	22.9	25.04	33	pass
N41	30	60	CP-64QAM	L	Outer_Full	20.46	20.09	23.29	25.43	33	pass
N41	30	60	CP-256QAM	L	Inner_1RB_Left	17.25	17.18	20.23	22.37	33	pass
N41	30	60	CP-256QAM	L	Inner_1RB_Right	17.33	16.88	20.12	22.26	33	pass
N41	30	60	CP-256QAM	L	Outer_Full	17.42	17.1	20.27	22.41	33	pass
N41	30	60	CP-QPSK	M	Inner_1RB_Left	22.33	21.94	25.15	27.29	33	pass
N41	30	60	CP-QPSK	M	Inner_1RB_Right	22.71	22.41	25.58	27.72	33	pass
N41	30	60	CP-QPSK	M	Outer_Full	21.01	20.45	23.75	25.89	33	pass
N41	30	60	CP-16QAM	M	Inner_1RB_Left	21.88	21.26	24.59	26.73	33	pass
N41	30	60	CP-16QAM	M	Inner_1RB_Right	22.11	21.72	24.93	27.07	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>, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions-eDocument.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the unauthorised documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorised alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated 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





Report No.: SEWM2210000221RG02

Rev.: 01

Page: 20 of 36

N41	30	60	CP-16QAM	M	Outer_Full	21.06	20.46	23.78	25.92	33	pass
N41	30	60	CP-64QAM	M	Inner_1RB_Left	20.29	19.27	22.82	24.96	33	pass
N41	30	60	CP-64QAM	M	Inner_1RB_Right	20.6	19.79	23.22	25.36	33	pass
N41	30	60	CP-64QAM	M	Outer_Full	20.61	20.03	23.34	25.48	33	pass
N41	30	60	CP-256QAM	M	Inner_1RB_Left	17.47	16.63	20.08	22.22	33	pass
N41	30	60	CP-256QAM	M	Inner_1RB_Right	17.68	17.22	20.46	22.6	33	pass
N41	30	60	CP-256QAM	M	Outer_Full	17.57	17.03	20.32	22.46	33	pass
N41	30	60	CP-QPSK	H	Inner_1RB_Left	22.49	22.09	25.31	27.45	33	pass
N41	30	60	CP-QPSK	H	Inner_1RB_Right	22.66	22.22	25.46	27.6	33	pass
N41	30	60	CP-QPSK	H	Outer_Full	20.97	20.46	23.73	25.87	33	pass
N41	30	60	CP-16QAM	H	Inner_1RB_Left	21.84	21.25	24.56	26.7	33	pass
N41	30	60	CP-16QAM	H	Inner_1RB_Right	22	21.66	24.84	26.98	33	pass
N41	30	60	CP-16QAM	H	Outer_Full	21.02	20.49	23.77	25.91	33	pass
N41	30	60	CP-64QAM	H	Inner_1RB_Left	20.44	19.32	22.93	25.07	33	pass
N41	30	60	CP-64QAM	H	Inner_1RB_Right	20.67	19.65	23.2	25.34	33	pass
N41	30	60	CP-64QAM	H	Outer_Full	20.59	20.03	23.33	25.47	33	pass
N41	30	60	CP-256QAM	H	Inner_1RB_Left	17.55	16.72	20.17	22.31	33	pass
N41	30	60	CP-256QAM	H	Inner_1RB_Right	17.73	16.98	20.38	22.52	33	pass
N41	30	60	CP-256QAM	H	Outer_Full	17.55	17.06	20.32	22.46	33	pass
N41	30	70	CP-QPSK	L	Inner_1RB_Left	22.23	22.11	25.18	27.32	33	pass
N41	30	70	CP-QPSK	L	Inner_1RB_Right	22.23	21.98	25.12	27.26	33	pass
N41	30	70	CP-QPSK	L	Outer_Full	20.66	20.41	23.55	25.69	33	pass
N41	30	70	CP-16QAM	L	Inner_1RB_Left	21.38	21.47	24.44	26.58	33	pass
N41	30	70	CP-16QAM	L	Inner_1RB_Right	21.64	21.24	24.46	26.6	33	pass
N41	30	70	CP-16QAM	L	Outer_Full	20.69	20.43	23.58	25.72	33	pass
N41	30	70	CP-64QAM	L	Inner_1RB_Left	19.76	19.65	22.72	24.86	33	pass
N41	30	70	CP-64QAM	L	Inner_1RB_Right	20.25	19.44	22.88	25.02	33	pass
N41	30	70	CP-64QAM	L	Outer_Full	20.18	19.9	23.05	25.19	33	pass
N41	30	70	CP-256QAM	L	Inner_1RB_Left	17.23	17.04	20.15	22.29	33	pass
N41	30	70	CP-256QAM	L	Inner_1RB_Right	17.37	16.87	20.14	22.28	33	pass
N41	30	70	CP-256QAM	L	Outer_Full	17.14	16.89	20.03	22.17	33	pass
N41	30	70	CP-QPSK	M	Inner_1RB_Left	22.1	21.67	24.9	27.04	33	pass
N41	30	70	CP-QPSK	M	Inner_1RB_Right	22.8	22.24	25.54	27.68	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-Document.aspx>. Attention is drawn to the limitation of liability, non-reliance, indemnification and jurisdiction issues defined therein. Any non-settlement of document is advisory and the information contained herein does not supersede findings at the time of intervention out and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated 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



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

South of 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号厂房南部 邮编: 215000

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

Report No.: SEWM2210000221RG02

Rev.: 01

Page: 22 of 36

N41	30	80	CP-256QAM	L	Outer_Full	17.25	16.98	20.13	22.27	33	pass
N41	30	80	CP-QPSK	M	Inner_1RB_Left	21.97	21.89	24.94	27.08	33	pass
N41	30	80	CP-QPSK	M	Inner_1RB_Right	22.76	22.47	25.63	27.77	33	pass
N41	30	80	CP-QPSK	M	Outer_Full	20.94	20.35	23.66	25.8	33	pass
N41	30	80	CP-16QAM	M	Inner_1RB_Left	21.29	21.01	24.16	26.3	33	pass
N41	30	80	CP-16QAM	M	Inner_1RB_Right	22.11	21.41	24.78	26.92	33	pass
N41	30	80	CP-16QAM	M	Outer_Full	20.93	20.35	23.66	25.8	33	pass
N41	30	80	CP-64QAM	M	Inner_1RB_Left	19.93	19.23	22.6	24.74	33	pass
N41	30	80	CP-64QAM	M	Inner_1RB_Right	20.63	19.68	23.2	25.34	33	pass
N41	30	80	CP-64QAM	M	Outer_Full	20.46	19.93	23.21	25.35	33	pass
N41	30	80	CP-256QAM	M	Inner_1RB_Left	16.94	16.49	19.73	21.87	33	pass
N41	30	80	CP-256QAM	M	Inner_1RB_Right	17.75	17.03	20.41	22.55	33	pass
N41	30	80	CP-256QAM	M	Outer_Full	17.46	16.91	20.2	22.34	33	pass
N41	30	80	CP-QPSK	H	Inner_1RB_Left	22.38	21.79	25.1	27.24	33	pass
N41	30	80	CP-QPSK	H	Inner_1RB_Right	22.62	22.08	25.37	27.51	33	pass
N41	30	80	CP-QPSK	H	Outer_Full	21.04	20.35	23.72	25.86	33	pass
N41	30	80	CP-16QAM	H	Inner_1RB_Left	21.65	20.91	24.31	26.45	33	pass
N41	30	80	CP-16QAM	H	Inner_1RB_Right	21.93	21.17	24.58	26.72	33	pass
N41	30	80	CP-16QAM	H	Outer_Full	21.04	20.31	23.7	25.84	33	pass
N41	30	80	CP-64QAM	H	Inner_1RB_Left	20.39	19.07	22.79	24.93	33	pass
N41	30	80	CP-64QAM	H	Inner_1RB_Right	20.52	19.5	23.05	25.19	33	pass
N41	30	80	CP-64QAM	H	Outer_Full	20.57	19.91	23.26	25.4	33	pass
N41	30	80	CP-256QAM	H	Inner_1RB_Left	17.49	16.39	19.99	22.13	33	pass
N41	30	80	CP-256QAM	H	Inner_1RB_Right	17.64	16.87	20.28	22.42	33	pass
N41	30	80	CP-256QAM	H	Outer_Full	17.57	16.81	20.22	22.36	33	pass
N41	30	90	CP-QPSK	L	Inner_1RB_Left	21.99	22.21	25.11	27.25	33	pass
N41	30	90	CP-QPSK	L	Inner_1RB_Right	22.39	22	25.21	27.35	33	pass
N41	30	90	CP-QPSK	L	Outer_Full	20.73	20.46	23.61	25.75	33	pass
N41	30	90	CP-16QAM	L	Inner_1RB_Left	21.38	21.54	24.47	26.61	33	pass
N41	30	90	CP-16QAM	L	Inner_1RB_Right	21.69	21.37	24.55	26.69	33	pass
N41	30	90	CP-16QAM	L	Outer_Full	20.78	20.53	23.67	25.81	33	pass
N41	30	90	CP-64QAM	L	Inner_1RB_Left	20.1	19.8	22.96	25.1	33	pass
N41	30	90	CP-64QAM	L	Inner_1RB_Right	20.29	19.54	22.94	25.08	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-Document.aspx>. Attention is drawn to the limitation of liability, non-acceptance and jurisdiction clauses defined therein. Any non-settlement document is advisory and is not binding. It is the responsibility of the customer to advise the Company of any intervention made and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated 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. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

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

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

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



Report No.: SEWM2210000221RG02

Rev.: 01

Page: 23 of 36

N41	30	90	CP-64QAM	L	Outer_Full	20.25	20.01	23.14	25.28	33	pass
N41	30	90	CP-256QAM	L	Inner_1RB_Left	17.14	17.08	20.12	22.26	33	pass
N41	30	90	CP-256QAM	L	Inner_1RB_Right	17.37	16.98	20.19	22.33	33	pass
N41	30	90	CP-256QAM	L	Outer_Full	17.24	17.04	20.15	22.29	33	pass
N41	30	90	CP-QPSK	M	Inner_1RB_Left	21.89	21.78	24.84	26.98	33	pass
N41	30	90	CP-QPSK	M	Inner_1RB_Right	22.67	22.24	25.47	27.61	33	pass
N41	30	90	CP-QPSK	M	Outer_Full	20.83	20.38	23.62	25.76	33	pass
N41	30	90	CP-16QAM	M	Inner_1RB_Left	21.33	21.16	24.26	26.4	33	pass
N41	30	90	CP-16QAM	M	Inner_1RB_Right	22.17	21.64	24.93	27.07	33	pass
N41	30	90	CP-16QAM	M	Outer_Full	20.89	20.36	23.64	25.78	33	pass
N41	30	90	CP-64QAM	M	Inner_1RB_Left	19.95	19.4	22.69	24.83	33	pass
N41	30	90	CP-64QAM	M	Inner_1RB_Right	20.63	19.85	23.27	25.41	33	pass
N41	30	90	CP-64QAM	M	Outer_Full	20.38	19.86	23.14	25.28	33	pass
N41	30	90	CP-256QAM	M	Inner_1RB_Left	16.98	16.74	19.87	22.01	33	pass
N41	30	90	CP-256QAM	M	Inner_1RB_Right	17.58	17.05	20.33	22.47	33	pass
N41	30	90	CP-256QAM	M	Outer_Full	17.42	16.93	20.19	22.33	33	pass
N41	30	90	CP-QPSK	H	Inner_1RB_Left	22.25	21.76	25.02	27.16	33	pass
N41	30	90	CP-QPSK	H	Inner_1RB_Right	22.45	22.26	25.37	27.51	33	pass
N41	30	90	CP-QPSK	H	Outer_Full	20.98	20.34	23.68	25.82	33	pass
N41	30	90	CP-16QAM	H	Inner_1RB_Left	21.61	20.91	24.29	26.43	33	pass
N41	30	90	CP-16QAM	H	Inner_1RB_Right	21.94	21.36	24.67	26.81	33	pass
N41	30	90	CP-16QAM	H	Outer_Full	20.97	20.35	23.68	25.82	33	pass
N41	30	90	CP-64QAM	H	Inner_1RB_Left	20.27	19.13	22.75	24.89	33	pass
N41	30	90	CP-64QAM	H	Inner_1RB_Right	20.54	19.65	23.13	25.27	33	pass
N41	30	90	CP-64QAM	H	Outer_Full	20.51	19.95	23.25	25.39	33	pass
N41	30	90	CP-256QAM	H	Inner_1RB_Left	17.42	16.4	19.95	22.09	33	pass
N41	30	90	CP-256QAM	H	Inner_1RB_Right	17.62	16.97	20.32	22.46	33	pass
N41	30	90	CP-256QAM	H	Outer_Full	17.53	16.89	20.23	22.37	33	pass
N41	30	100	CP-QPSK	L	Inner_1RB_Left	21.98	22.06	25.03	27.17	33	pass
N41	30	100	CP-QPSK	L	Inner_1RB_Right	22.48	22.19	25.35	27.49	33	pass
N41	30	100	CP-QPSK	L	Outer_Full	20.72	20.46	23.6	25.74	33	pass
N41	30	100	CP-16QAM	L	Inner_1RB_Left	21.42	21.91	24.68	26.82	33	pass
N41	30	100	CP-16QAM	L	Inner_1RB_Right	21.87	21.33	24.62	26.76	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-Document.aspx>. Attention is drawn to the limitation of liability, non-reliance, indemnification and jurisdiction issues defined therein. Any non-settlement document is advisory and the information contained herein does not supersede, qualify or amend the original document at the time of its intervention, out and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



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

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

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

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

Report No.: SEWM2210000221RG02

Rev.: 01

Page: 24 of 36

N41	30	100	CP-16QAM	L	Outer_Full	20.75	20.48	23.63	25.77	33	pass
N41	30	100	CP-64QAM	L	Inner_1RB_Left	20.06	19.79	22.93	25.07	33	pass
N41	30	100	CP-64QAM	L	Inner_1RB_Right	20.43	19.54	23.02	25.16	33	pass
N41	30	100	CP-64QAM	L	Outer_Full	20.26	20.02	23.15	25.29	33	pass
N41	30	100	CP-256QAM	L	Inner_1RB_Left	17.1	17.19	20.16	22.3	33	pass
N41	30	100	CP-256QAM	L	Inner_1RB_Right	17.53	16.98	20.28	22.42	33	pass
N41	30	100	CP-256QAM	L	Outer_Full	17.24	17.01	20.14	22.28	33	pass
N41	30	100	CP-QPSK	M	Inner_1RB_Left	22.08	22.12	25.11	27.25	33	pass
N41	30	100	CP-QPSK	M	Inner_1RB_Right	22.48	22.2	25.35	27.49	33	pass
N41	30	100	CP-QPSK	M	Outer_Full	20.87	20.48	23.69	25.83	33	pass
N41	30	100	CP-16QAM	M	Inner_1RB_Left	21.42	21.21	24.33	26.47	33	pass
N41	30	100	CP-16QAM	M	Inner_1RB_Right	22	21.56	24.8	26.94	33	pass
N41	30	100	CP-16QAM	M	Outer_Full	20.84	20.38	23.63	25.77	33	pass
N41	30	100	CP-64QAM	M	Inner_1RB_Left	20.07	19.43	22.77	24.91	33	pass
N41	30	100	CP-64QAM	M	Inner_1RB_Right	20.53	19.8	23.19	25.33	33	pass
N41	30	100	CP-64QAM	M	Outer_Full	20.37	19.85	23.13	25.27	33	pass
N41	30	100	CP-256QAM	M	Inner_1RB_Left	17.14	16.69	19.93	22.07	33	pass
N41	30	100	CP-256QAM	M	Inner_1RB_Right	17.64	17.13	20.41	22.55	33	pass
N41	30	100	CP-256QAM	M	Outer_Full	17.39	16.99	20.21	22.35	33	pass
N41	30	100	CP-QPSK	H	Inner_1RB_Left	22.26	21.63	24.97	27.11	33	pass
N41	30	100	CP-QPSK	H	Inner_1RB_Right	22.55	22.13	25.36	27.5	33	pass
N41	30	100	CP-QPSK	H	Outer_Full	21.01	20.41	23.73	25.87	33	pass
N41	30	100	CP-16QAM	H	Inner_1RB_Left	21.6	21.06	24.35	26.49	33	pass
N41	30	100	CP-16QAM	H	Inner_1RB_Right	22.02	21.33	24.7	26.84	33	pass
N41	30	100	CP-16QAM	H	Outer_Full	20.99	20.35	23.69	25.83	33	pass
N41	30	100	CP-64QAM	H	Inner_1RB_Left	20.24	19.02	22.68	24.82	33	pass
N41	30	100	CP-64QAM	H	Inner_1RB_Right	20.6	19.6	23.14	25.28	33	pass
N41	30	100	CP-64QAM	H	Outer_Full	20.59	19.89	23.27	25.41	33	pass
N41	30	100	CP-256QAM	H	Inner_1RB_Left	17.32	16.4	19.9	22.04	33	pass
N41	30	100	CP-256QAM	H	Inner_1RB_Right	17.69	17.02	20.37	22.51	33	pass
N41	30	100	CP-256QAM	H	Outer_Full	17.54	16.89	20.24	22.38	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-Document.aspx>. Attention is drawn to the limitation of liability, non-liability, indemnification and jurisdiction issues defined therein. Any non-conformity of the document is advised to the Intervenor in writing. Intervenor reserves the right to file a claim at the time of the intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated 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



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

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号厂房南部分 邮编: 215000

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

Report No.: SEWM2210000221RG02
 Rev.: 01
 Page: 25 of 36

Field Strength of Spurious Radiation

Test Band = 5G NR SA n41_ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	40.89	-45.63	32.88	-67.12	-25.00	42.12	241	6	Horizontal
2	7503.3000	40.26	-43.13	36.44	-61.69	-25.00	36.69	156	2	Horizontal
3	10004.4000	37.86	-39.23	38.50	-58.14	-25.00	33.14	132	330	Horizontal
4	12505.5000	34.49	-36.99	39.18	-58.58	-25.00	33.58	168	286	Horizontal
5	15006.6000	33.07	-34.65	39.21	-57.63	-25.00	32.63	152	210	Horizontal
6	17507.7000	33.08	-34.95	39.22	-57.91	-25.00	32.91	178	224	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	40.70	-45.63	32.88	-67.31	-25.00	42.31	211	299	Vertical
2	7503.3000	40.52	-43.13	36.44	-61.43	-25.00	36.43	136	0	Vertical
3	10004.4000	36.13	-39.23	38.50	-59.87	-25.00	34.87	256	285	Vertical
4	12505.5000	34.39	-36.99	39.18	-58.68	-25.00	33.68	142	46	Vertical
5	15006.6000	32.66	-34.65	39.21	-58.04	-25.00	33.04	123	330	Vertical
6	17507.7000	32.66	-34.95	39.22	-58.33	-25.00	33.33	162	0	Vertical

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/e-Document.aspx>. Attention is drawn to the limitation of liability, non-acceptation and jurisdiction clauses defined therein. Any non-set out document is advisory and is not binding. The Company reserves the right to withdraw at any time of its intervention over and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated 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



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

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6号厂房南部 邮编: 215000

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



Report No.: SEWM2210000221RG02
 Rev.: 01
 Page: 26 of 36

Test Band = 5G NR SA n41_ TM1

Test Channel = Mid

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5096.1600	41.80	-45.38	32.93	-65.91	-25.00	40.91	254	0	Horizontal	
2	7644.2400	40.55	-43.02	36.48	-61.25	-25.00	36.25	126	316	Horizontal	
3	10192.3200	35.01	-39.47	38.80	-60.92	-25.00	35.92	136	316	Horizontal	
4	12740.4000	33.91	-36.74	39.53	-58.56	-25.00	33.56	259	105	Horizontal	
5	15288.4800	32.03	-34.36	38.84	-58.75	-25.00	33.75	145	196	Horizontal	
6	17836.5600	34.29	-34.59	41.09	-54.47	-25.00	29.47	133	30	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5096.1600	41.59	-45.38	32.93	-66.12	-25.00	41.12	245	60	Vertical	
2	7644.2400	39.98	-43.02	36.48	-61.82	-25.00	36.82	211	44	Vertical	
3	10192.3200	35.48	-39.47	38.80	-60.45	-25.00	35.45	136	196	Vertical	
4	12740.4000	34.32	-36.74	39.53	-58.15	-25.00	33.15	256	136	Vertical	
5	15288.4800	32.33	-34.36	38.84	-58.45	-25.00	33.45	129	0	Vertical	
6	17836.5600	34.38	-34.59	41.09	-54.38	-25.00	29.38	198	180	Vertical	



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

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

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



Report No.: SEWM2210000221RG02
 Rev.: 01
 Page: 27 of 36

Test Band = 5G NR SA n41_ TM1

Test Channel = High

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5190.1800	41.98	-45.29	32.98	-65.58	-25.00	40.58	215	163	Horizontal	
2	7785.2700	40.36	-42.43	36.75	-60.57	-25.00	35.57	156	196	Horizontal	
3	9407.25	38.52	-39.86	38.49	-58.11	-25.00	33.11	132	0	Horizontal	
4	10380.3600	36.10	-39.03	38.86	-59.33	-25.00	34.33	159	2	Horizontal	
5	12975.4500	33.59	-37.28	39.81	-59.14	-25.00	34.14	148	0	Horizontal	
6	15570.5400	32.60	-35.08	38.48	-59.26	-25.00	34.26	175	1	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5190.1800	41.35	-45.29	32.98	-66.21	-25.00	41.21	256	56	Vertical	
2	7785.2700	39.81	-42.43	36.75	-61.12	-25.00	36.12	132	74	Vertical	
3	8381.25	41.11	-41.56	37.31	-58.40	-25.00	33.40	188	329	Vertical	
4	10380.3600	35.68	-39.03	38.86	-59.75	-25.00	34.75	145	148	Vertical	
5	12975.4500	33.38	-37.28	39.81	-59.35	-25.00	34.35	169	255	Vertical	
6	15570.5400	32.55	-35.08	38.48	-59.31	-25.00	34.31	192	226	Vertical	



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

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

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

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



Report No.: SEWM2210000221RG02
 Rev.: 01
 Page: 28 of 36

Test Band = NSA 2A-n41A_ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	41.81	-45.63	32.88	-66.20	-25.00	41.20	145	44	Horizontal
2	7503.3000	40.25	-43.13	36.44	-61.70	-25.00	36.70	165	0	Horizontal
3	10004.4000	37.03	-39.23	38.50	-58.97	-25.00	33.97	128	90	Horizontal
4	12505.5000	36.55	-36.99	39.18	-56.52	-25.00	31.52	175	166	Horizontal
5	15006.6000	35.36	-34.65	39.21	-55.34	-25.00	30.34	143	8	Horizontal
6	17507.7000	34.92	-34.95	39.22	-56.07	-25.00	31.07	236	0	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	41.49	-45.63	32.88	-66.52	-25.00	41.52	187	0	Vertical
2	7503.3000	40.86	-43.13	36.44	-61.09	-25.00	36.09	149	0	Vertical
3	10004.4000	37.03	-39.23	38.50	-58.97	-25.00	33.97	156	105	Vertical
4	12505.5000	36.45	-36.99	39.18	-56.62	-25.00	31.62	305	15	Vertical
5	15006.6000	35.94	-34.65	39.21	-54.76	-25.00	29.76	145	195	Vertical
6	17507.7000	35.59	-34.95	39.22	-55.40	-25.00	30.40	172	240	Vertical



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

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

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

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

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

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



Report No.: SEWM2210000221RG02
 Rev.: 01
 Page: 29 of 36

Test Band = NSA 2A-n41A_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.1600	42.25	-45.38	32.93	-65.46	-25.00	40.46	152	180	Horizontal
2	7644.2400	40.11	-43.02	36.48	-61.69	-25.00	36.69	148	90	Horizontal
3	10192.3200	36.07	-39.47	38.80	-59.86	-25.00	34.86	176	90	Horizontal
4	12740.4000	35.43	-36.74	39.53	-57.04	-25.00	32.04	136	28	Horizontal
5	15288.4800	35.24	-34.36	38.84	-55.54	-25.00	30.54	259	270	Horizontal
6	17836.5600	36.82	-34.59	41.09	-51.94	-25.00	26.94	184	73	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.1600	41.91	-45.38	32.93	-65.80	-25.00	40.80	245	256	Vertical
2	7644.2400	39.62	-43.02	36.48	-62.18	-25.00	37.18	177	208	Vertical
3	10192.3200	36.11	-39.47	38.80	-59.82	-25.00	34.82	142	356	Vertical
4	12740.4000	36.37	-36.74	39.53	-56.10	-25.00	31.10	156	42	Vertical
5	15288.4800	35.66	-34.36	38.84	-55.12	-25.00	30.12	138	286	Vertical
6	17836.5600	36.32	-34.59	41.09	-52.44	-25.00	27.44	192	0	Vertical

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

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



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

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

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

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



Report No.: SEWM2210000221RG02
 Rev.: 01
 Page: 30 of 36

Test Band = NSA 2A-n41A_ TM1

Test Channel = High

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	4904.25	51.78	-45.53	32.61	-56.40	-25.00	31.40	245	226	Horizontal	
2	5190.1800	42.18	-45.29	32.98	-65.38	-25.00	40.38	136	194	Horizontal	
3	7785.2700	40.40	-42.43	36.75	-60.53	-25.00	35.53	258	165	Horizontal	
4	10380.3600	36.95	-39.03	38.86	-58.48	-25.00	33.48	174	0	Horizontal	
5	12975.4500	35.62	-37.28	39.81	-57.11	-25.00	32.11	169	103	Horizontal	
6	15570.5400	35.79	-35.08	38.48	-56.07	-25.00	31.07	213	226	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	4992	46.10	-45.63	32.86	-61.93	-25.00	36.93	245	302	Vertical	
2	5190.1800	43.09	-45.29	32.98	-64.47	-25.00	39.47	175	302	Vertical	
3	7785.2700	40.01	-42.43	36.75	-60.92	-25.00	35.92	145	169	Vertical	
4	10380.3600	36.97	-39.03	38.86	-58.46	-25.00	33.46	136	0	Vertical	
5	12975.4500	36.18	-37.28	39.81	-56.55	-25.00	31.55	256	139	Vertical	
6	15570.5400	35.54	-35.08	38.48	-56.32	-25.00	31.32	261	153	Vertical	



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

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

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

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

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

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



Report No.: SEWM2210000221RG02
 Rev.: 01
 Page: 31 of 36

Test Band = 5G NR CA n41A-n66A_ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	42.41	-46.28	29.45	-69.68	-25.00	44.68	245	301	Horizontal
2	5002.2000	40.84	-45.63	32.88	-67.17	-25.00	42.17	126	90	Horizontal
3	5002.2000	40.84	-45.63	32.88	-67.17	-25.00	42.17	135	90	Horizontal
4	5133.2700	41.05	-45.34	32.95	-66.60	-25.00	41.60	299	15	Horizontal
5	6844.3600	40.95	-44.14	35.89	-62.56	-25.00	37.56	148	118	Horizontal
6	7503.3000	40.26	-43.13	36.44	-61.69	-25.00	36.69	179	301	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	43.08	-46.28	29.45	-69.01	-25.00	44.01	236	120	Vertical
2	5002.2000	40.85	-45.63	32.88	-67.16	-25.00	42.16	244	148	Vertical
3	5002.2000	40.85	-45.63	32.88	-67.16	-25.00	42.16	169	148	Vertical
4	5133.2700	41.58	-45.34	32.95	-66.07	-25.00	41.07	166	286	Vertical
5	6844.3600	41.38	-44.14	35.89	-62.13	-25.00	37.13	129	0	Vertical
6	10004.4000	36.66	-39.23	38.50	-59.34	-25.00	34.34	192	240	Vertical

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

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



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

215000

t (86-512) 62992980

www.sgsgroup.com.cn

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

邮编: 215000

t (86-512) 62992980

sgs.china@sgs.com



Report No.: SEWM2210000221RG02
 Rev.: 01
 Page: 32 of 36

Test Band = 5G NR CA n41A-n66A_ TM1

Test Channel = Mid

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	3472.1800	42.70	-46.27	29.50	-69.33	-25.00	44.33	244	58	Horizontal	
2	5096.1600	41.71	-45.38	32.93	-66.00	-25.00	41.00	169	1	Horizontal	
3	5208.2700	41.45	-45.26	32.98	-66.09	-25.00	41.09	154	0	Horizontal	
4	6944.3600	41.07	-43.85	36.01	-62.03	-25.00	37.03	174	74	Horizontal	
5	7644.2400	40.11	-43.02	36.48	-61.69	-25.00	36.69	185	43	Horizontal	
6	10192.3200	35.87	-39.47	38.80	-60.06	-25.00	35.06	133	331	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	3472.1800	43.80	-46.27	29.50	-68.23	-25.00	43.23	156	330	Vertical	
2	5096.1600	41.76	-45.38	32.93	-65.95	-25.00	40.95	142	114	Vertical	
3	5208.2700	42.15	-45.26	32.98	-65.39	-25.00	40.39	136	176	Vertical	
4	6944.3600	41.29	-43.85	36.01	-61.81	-25.00	36.81	266	205	Vertical	
5	7644.2400	40.29	-43.02	36.48	-61.51	-25.00	36.51	291	264	Vertical	
6	10192.3200	36.49	-39.47	38.80	-59.44	-25.00	34.44	155	356	Vertical	

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, non-acceptation and jurisdiction clauses defined therein. Any non-conformity of the document is advised to the intervention unit in Herrenknecht. Herrenknecht reserves the right to accept or decline at the time of the intervention and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated 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



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
 Wireless Laboratory Inspection & Testing Services (苏州)

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

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



Report No.: SEWM2210000221RG02
 Rev.: 01
 Page: 33 of 36

Test Band = 5G NR CA n41A-n66A_ TM1

Test Channel = High

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	3522.1800	43.35	-46.23	29.54	-68.60	-25.00	43.60	255	300	Horizontal	
2	5190.1800	41.90	-45.29	32.98	-65.66	-25.00	40.66	145	16	Horizontal	
3	5283.2700	41.46	-45.12	32.91	-66.01	-25.00	41.01	169	58	Horizontal	
4	7044.3600	41.14	-43.85	36.20	-61.77	-25.00	36.77	188	0	Horizontal	
5	7785.2700	40.11	-42.43	36.75	-60.82	-25.00	35.82	192	151	Horizontal	
6	10380.3600	36.58	-39.03	38.86	-58.85	-25.00	33.85	134	151	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	3522.1800	42.75	-46.23	29.54	-69.20	-25.00	44.20	214	194	Vertical	
2	5190.1800	42.29	-45.29	32.98	-65.27	-25.00	40.27	136	72	Vertical	
3	5283.2700	42.08	-45.12	32.91	-65.39	-25.00	40.39	256	269	Vertical	
4	7044.3600	41.01	-43.85	36.20	-61.90	-25.00	36.90	192	0	Vertical	
5	7785.2700	40.72	-42.43	36.75	-60.21	-25.00	35.21	174	134	Vertical	
6	10380.3600	36.81	-39.03	38.86	-58.62	-25.00	33.62	168	72	Vertical	

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, non-acceptation and jurisdiction clauses defined therein. Any non-compliance with this document is advised to the intervention unit in Herrenknecht. Herrenknecht reserves the right to cancel findings at the time of the intervention and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated 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号厂房南部 邮编: 215000

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

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



Report No.: SEWM2210000221RG02
 Rev.: 01
 Page: 34 of 36

Test Band = 5G NR CA n41A-n71A_ TM1

Test Channel = Low

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	1328.1800	35.59	-24.80	25.61	-58.86	-25.00	33.86	133	40	Horizontal	
2	1992.2700	36.38	-24.48	26.60	-56.76	-25.00	31.76	254	192	Horizontal	
3	2656.3600	42.24	-22.84	28.21	-47.65	-25.00	22.65	169	183	Horizontal	
4	5002.2000	41.81	-45.63	32.88	-66.20	-25.00	41.20	122	26	Horizontal	
5	7503.3000	40.08	-43.13	36.44	-61.87	-25.00	36.87	145	346	Horizontal	
6	10004.4000	37.28	-39.23	38.50	-58.72	-25.00	33.72	185	2	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	1328.1800	35.25	-24.80	25.61	-59.20	-25.00	34.20	236	347	Vertical	
2	1992.2700	36.49	-24.48	26.60	-56.65	-25.00	31.65	251	359	Vertical	
3	2656.3600	45.82	-22.84	28.21	-44.07	-25.00	19.07	148	252	Vertical	
4	5002.2000	41.35	-45.63	32.88	-66.66	-25.00	41.66	156	166	Vertical	
5	7503.3000	40.57	-43.13	36.44	-61.38	-25.00	36.38	211	150	Vertical	
6	10004.4000	37.92	-39.23	38.50	-58.08	-25.00	33.08	199	8	Vertical	



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

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

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

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

邮编: 215000

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

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



Report No.: SEWM2210000221RG02
 Rev.: 01
 Page: 35 of 36

Test Band = 5G NR CA n41A-n71A_ TM1

Test Channel = Mid

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	1343.1800	35.21	-24.89	25.61	-59.33	-25.00	34.33	248	50	Horizontal	
2	2014.7700	36.71	-24.43	26.69	-56.28	-25.00	31.28	153	201	Horizontal	
3	2686.3600	38.10	-22.85	28.26	-51.74	-25.00	26.74	263	360	Horizontal	
4	5096.1600	41.62	-45.38	32.93	-66.09	-25.00	41.09	216	196	Horizontal	
5	7644.2400	40.12	-43.02	36.48	-61.68	-25.00	36.68	148	3	Horizontal	
6	10192.3200	37.08	-39.47	38.80	-58.85	-25.00	33.85	175	257	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	1343.1800	35.17	-24.89	25.61	-59.37	-25.00	34.37	244	68	Vertical	
2	2014.7700	36.48	-24.43	26.69	-56.51	-25.00	31.51	156	20	Vertical	
3	2686.3600	39.59	-22.85	28.26	-50.25	-25.00	25.25	126	189	Vertical	
4	5096.1600	41.89	-45.38	32.93	-65.82	-25.00	40.82	299	285	Vertical	
5	7644.2400	40.50	-43.02	36.48	-61.30	-25.00	36.30	184	75	Vertical	
6	10192.3200	36.15	-39.47	38.80	-59.78	-25.00	34.78	175	195	Vertical	

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, non-acceptation and jurisdiction issues defined therein. Any non-conformity found in this document is subject to the interpretation granted herein below the scope and finding at the time of the intervention out and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated 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



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
 Wireless Laboratory Inspection & Testing Services (苏州)

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

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

Report No.: SEWM2210000221RG02
 Rev.: 01
 Page: 36 of 36

Test Band = 5G NR CA n41A-n71A_ TM1

Test Channel = High

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	1358.1800	35.35	-24.98	25.61	-59.28	-25.00	34.28	233	151	Horizontal	
2	2037.2700	36.83	-24.37	26.77	-56.03	-25.00	31.03	256	80	Horizontal	
3	2716.3600	37.75	-22.80	28.32	-51.99	-25.00	26.99	145	151	Horizontal	
4	5190.1800	41.64	-45.29	32.98	-65.92	-25.00	40.92	129	270	Horizontal	
5	7785.2700	40.56	-42.43	36.75	-60.37	-25.00	35.37	133	181	Horizontal	
6	10380.3600	36.14	-39.03	38.86	-59.29	-25.00	34.29	148	0	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	1358.1800	35.38	-24.98	25.61	-59.25	-25.00	34.25	236	120	Vertical	
2	2037.2700	36.51	-24.37	26.77	-56.35	-25.00	31.35	256	80	Vertical	
3	2716.3600	37.73	-22.80	28.32	-52.01	-25.00	27.01	142	49	Vertical	
4	5190.1800	42.04	-45.29	32.98	-65.52	-25.00	40.52	132	196	Vertical	
5	7785.2700	40.14	-42.43	36.75	-60.79	-25.00	35.79	122	346	Vertical	
6	10380.3600	36.67	-39.03	38.86	-58.76	-25.00	33.76	155	0	Vertical	

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, non-acceptation and disclaimers issued in the General Conditions. Any non-conforming document is advised to the intervention unit in herein below the scope and finding at the time of the intervention and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated 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6号厂房南部 邮编: 215000

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

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