



Report No.: SEWM2210000221RG02  
Rev.: 01  
Page: 1 of 22

# Appendix B.24

## NR Band n2



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 of the document at the time of its 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](mailto: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](http://www.sgsgroup.com.cn)  
t (86-512) 62992980 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

Report No.: SEWM2210000221RG02  
 Rev.: 01  
 Page: 2 of 22

## Effective (Isotropic) Radiated Power Output Data for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP	LIMIT	Verdict
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.03	26.06	33	pass
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	22.82	25.85	33	pass
N2	15	5	DFT-PI2BPSK	L	Outer_Full	22.92	25.95	33	pass
N2	15	5	DFT-QPSK	L	Inner_1RB_Left	22.88	25.91	33	pass
N2	15	5	DFT-QPSK	L	Inner_1RB_Right	22.73	25.76	33	pass
N2	15	5	DFT-QPSK	L	Outer_Full	22.33	25.36	33	pass
N2	15	5	DFT-16QAM	L	Inner_1RB_Left	22.25	25.28	33	pass
N2	15	5	DFT-16QAM	L	Inner_1RB_Right	22.26	25.29	33	pass
N2	15	5	DFT-16QAM	L	Outer_Full	21.35	24.38	33	pass
N2	15	5	DFT-64QAM	L	Inner_1RB_Left	20.75	23.78	33	pass
N2	15	5	DFT-64QAM	L	Inner_1RB_Right	20.86	23.89	33	pass
N2	15	5	DFT-64QAM	L	Outer_Full	20.84	23.87	33	pass
N2	15	5	DFT-256QAM	L	Inner_1RB_Left	18.8	21.83	33	pass
N2	15	5	DFT-256QAM	L	Inner_1RB_Right	18.72	21.75	33	pass
N2	15	5	DFT-256QAM	L	Outer_Full	18.84	21.87	33	pass
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.19	26.22	33	pass
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.11	26.14	33	pass
N2	15	5	DFT-PI2BPSK	M	Outer_Full	23.03	26.06	33	pass
N2	15	5	DFT-QPSK	M	Inner_1RB_Left	23.07	26.1	33	pass
N2	15	5	DFT-QPSK	M	Inner_1RB_Right	22.9	25.93	33	pass
N2	15	5	DFT-QPSK	M	Outer_Full	22.54	25.57	33	pass
N2	15	5	DFT-16QAM	M	Inner_1RB_Left	22.56	25.59	33	pass
N2	15	5	DFT-16QAM	M	Inner_1RB_Right	22.37	25.4	33	pass
N2	15	5	DFT-16QAM	M	Outer_Full	21.57	24.6	33	pass
N2	15	5	DFT-64QAM	M	Inner_1RB_Left	21.15	24.18	33	pass
N2	15	5	DFT-64QAM	M	Inner_1RB_Right	20.9	23.93	33	pass
N2	15	5	DFT-64QAM	M	Outer_Full	21.04	24.07	33	pass
N2	15	5	DFT-256QAM	M	Inner_1RB_Left	19	22.03	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, non-acceptance, invalidation and jurisdiction clauses defined in these documents. Any non-compliance with this document is advised and the information contained herein reflects the company's finding at the time of 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号厂房南部 邮编: 215000

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



Report No.: SEWM2210000221RG02

Rev.: 01

Page: 3 of 22

N2	15	5	DFT-256QAM	M	Inner_1RB_Right	19.05	22.08	33	pass
N2	15	5	DFT-256QAM	M	Outer_Full	19.06	22.09	33	pass
N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.08	26.11	33	pass
N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.06	26.09	33	pass
N2	15	5	DFT-PI2BPSK	H	Outer_Full	23.08	26.11	33	pass
N2	15	5	DFT-QPSK	H	Inner_1RB_Left	22.99	26.02	33	pass
N2	15	5	DFT-QPSK	H	Inner_1RB_Right	22.94	25.97	33	pass
N2	15	5	DFT-QPSK	H	Outer_Full	22.56	25.59	33	pass
N2	15	5	DFT-16QAM	H	Inner_1RB_Left	22.44	25.47	33	pass
N2	15	5	DFT-16QAM	H	Inner_1RB_Right	22.47	25.5	33	pass
N2	15	5	DFT-16QAM	H	Outer_Full	21.6	24.63	33	pass
N2	15	5	DFT-64QAM	H	Inner_1RB_Left	21.09	24.12	33	pass
N2	15	5	DFT-64QAM	H	Inner_1RB_Right	20.93	23.96	33	pass
N2	15	5	DFT-64QAM	H	Outer_Full	21.06	24.09	33	pass
N2	15	5	DFT-256QAM	H	Inner_1RB_Left	19.08	22.11	33	pass
N2	15	5	DFT-256QAM	H	Inner_1RB_Right	18.92	21.95	33	pass
N2	15	5	DFT-256QAM	H	Outer_Full	19.04	22.07	33	pass
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	22.99	26.02	33	pass
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.02	26.05	33	pass
N2	15	10	DFT-PI2BPSK	L	Outer_Full	22.88	25.91	33	pass
N2	15	10	DFT-QPSK	L	Inner_1RB_Left	22.88	25.91	33	pass
N2	15	10	DFT-QPSK	L	Inner_1RB_Right	22.89	25.92	33	pass
N2	15	10	DFT-QPSK	L	Outer_Full	22.37	25.4	33	pass
N2	15	10	DFT-16QAM	L	Inner_1RB_Left	22.31	25.34	33	pass
N2	15	10	DFT-16QAM	L	Inner_1RB_Right	22.27	25.3	33	pass
N2	15	10	DFT-16QAM	L	Outer_Full	21.37	24.4	33	pass
N2	15	10	DFT-64QAM	L	Inner_1RB_Left	20.91	23.94	33	pass
N2	15	10	DFT-64QAM	L	Inner_1RB_Right	20.96	23.99	33	pass
N2	15	10	DFT-64QAM	L	Outer_Full	20.86	23.89	33	pass
N2	15	10	DFT-256QAM	L	Inner_1RB_Left	18.94	21.97	33	pass
N2	15	10	DFT-256QAM	L	Inner_1RB_Right	18.82	21.85	33	pass
N2	15	10	DFT-256QAM	L	Outer_Full	18.86	21.89	33	pass
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.19	26.22	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 action 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](mailto: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](http://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](mailto:sgs.china@sgs.com)



Report No.: SEWM2210000221RG02

Rev.: 01

Page: 4 of 22

N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.05	26.08	33	pass
N2	15	10	DFT-PI2BPSK	M	Outer_Full	23.08	26.11	33	pass
N2	15	10	DFT-QPSK	M	Inner_1RB_Left	23.08	26.11	33	pass
N2	15	10	DFT-QPSK	M	Inner_1RB_Right	22.96	25.99	33	pass
N2	15	10	DFT-QPSK	M	Outer_Full	22.57	25.6	33	pass
N2	15	10	DFT-16QAM	M	Inner_1RB_Left	22.49	25.52	33	pass
N2	15	10	DFT-16QAM	M	Inner_1RB_Right	22.52	25.55	33	pass
N2	15	10	DFT-16QAM	M	Outer_Full	21.54	24.57	33	pass
N2	15	10	DFT-64QAM	M	Inner_1RB_Left	21.09	24.12	33	pass
N2	15	10	DFT-64QAM	M	Inner_1RB_Right	21.04	24.07	33	pass
N2	15	10	DFT-64QAM	M	Outer_Full	21.1	24.13	33	pass
N2	15	10	DFT-256QAM	M	Inner_1RB_Left	19.07	22.1	33	pass
N2	15	10	DFT-256QAM	M	Inner_1RB_Right	18.96	21.99	33	pass
N2	15	10	DFT-256QAM	M	Outer_Full	19.09	22.12	33	pass
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.06	26.09	33	pass
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.1	26.13	33	pass
N2	15	10	DFT-PI2BPSK	H	Outer_Full	23.08	26.11	33	pass
N2	15	10	DFT-QPSK	H	Inner_1RB_Left	22.98	26.01	33	pass
N2	15	10	DFT-QPSK	H	Inner_1RB_Right	22.96	25.99	33	pass
N2	15	10	DFT-QPSK	H	Outer_Full	22.56	25.59	33	pass
N2	15	10	DFT-16QAM	H	Inner_1RB_Left	22.47	25.5	33	pass
N2	15	10	DFT-16QAM	H	Inner_1RB_Right	22.47	25.5	33	pass
N2	15	10	DFT-16QAM	H	Outer_Full	21.58	24.61	33	pass
N2	15	10	DFT-64QAM	H	Inner_1RB_Left	21.06	24.09	33	pass
N2	15	10	DFT-64QAM	H	Inner_1RB_Right	20.98	24.01	33	pass
N2	15	10	DFT-64QAM	H	Outer_Full	21.11	24.14	33	pass
N2	15	10	DFT-256QAM	H	Inner_1RB_Left	18.92	21.95	33	pass
N2	15	10	DFT-256QAM	H	Inner_1RB_Right	18.99	22.02	33	pass
N2	15	10	DFT-256QAM	H	Outer_Full	19.01	22.04	33	pass
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.05	26.08	33	pass
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.11	26.14	33	pass
N2	15	15	DFT-PI2BPSK	L	Outer_Full	23.12	26.15	33	pass
N2	15	15	DFT-QPSK	L	Inner_1RB_Left	22.93	25.96	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 customer in writing and the company will take the appropriate 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

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: 5 of 22

N2	15	15	DFT-QPSK	L	Inner_1RB_Right	23.01	26.04	33	pass
N2	15	15	DFT-QPSK	L	Outer_Full	22.6	25.63	33	pass
N2	15	15	DFT-16QAM	L	Inner_1RB_Left	22.58	25.61	33	pass
N2	15	15	DFT-16QAM	L	Inner_1RB_Right	22.59	25.62	33	pass
N2	15	15	DFT-16QAM	L	Outer_Full	21.6	24.63	33	pass
N2	15	15	DFT-64QAM	L	Inner_1RB_Left	21.14	24.17	33	pass
N2	15	15	DFT-64QAM	L	Inner_1RB_Right	21.08	24.11	33	pass
N2	15	15	DFT-64QAM	L	Outer_Full	21.12	24.15	33	pass
N2	15	15	DFT-256QAM	L	Inner_1RB_Left	19.02	22.05	33	pass
N2	15	15	DFT-256QAM	L	Inner_1RB_Right	19.08	22.11	33	pass
N2	15	15	DFT-256QAM	L	Outer_Full	19.1	22.13	33	pass
N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.26	26.29	33	pass
N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.36	26.39	33	pass
N2	15	15	DFT-PI2BPSK	M	Outer_Full	23.27	26.3	33	pass
N2	15	15	DFT-QPSK	M	Inner_1RB_Left	23.12	26.15	33	pass
N2	15	15	DFT-QPSK	M	Inner_1RB_Right	23.19	26.22	33	pass
N2	15	15	DFT-QPSK	M	Outer_Full	22.76	25.79	33	pass
N2	15	15	DFT-16QAM	M	Inner_1RB_Left	22.76	25.79	33	pass
N2	15	15	DFT-16QAM	M	Inner_1RB_Right	22.8	25.83	33	pass
N2	15	15	DFT-16QAM	M	Outer_Full	21.78	24.81	33	pass
N2	15	15	DFT-64QAM	M	Inner_1RB_Left	21.1	24.13	33	pass
N2	15	15	DFT-64QAM	M	Inner_1RB_Right	21.34	24.37	33	pass
N2	15	15	DFT-64QAM	M	Outer_Full	21.28	24.31	33	pass
N2	15	15	DFT-256QAM	M	Inner_1RB_Left	19.21	22.24	33	pass
N2	15	15	DFT-256QAM	M	Inner_1RB_Right	19.39	22.42	33	pass
N2	15	15	DFT-256QAM	M	Outer_Full	19.31	22.34	33	pass
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.39	26.42	33	pass
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.33	26.36	33	pass
N2	15	15	DFT-PI2BPSK	H	Outer_Full	23.28	26.31	33	pass
N2	15	15	DFT-QPSK	H	Inner_1RB_Left	23.18	26.21	33	pass
N2	15	15	DFT-QPSK	H	Inner_1RB_Right	23.15	26.18	33	pass
N2	15	15	DFT-QPSK	H	Outer_Full	22.77	25.8	33	pass
N2	15	15	DFT-16QAM	H	Inner_1RB_Left	22.71	25.74	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, 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



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 22

N2	15	15	DFT-16QAM	H	Inner_1RB_Right	22.77	25.8	33	pass
N2	15	15	DFT-16QAM	H	Outer_Full	21.77	24.8	33	pass
N2	15	15	DFT-64QAM	H	Inner_1RB_Left	21.25	24.28	33	pass
N2	15	15	DFT-64QAM	H	Inner_1RB_Right	21.32	24.35	33	pass
N2	15	15	DFT-64QAM	H	Outer_Full	21.28	24.31	33	pass
N2	15	15	DFT-256QAM	H	Inner_1RB_Left	19.26	22.29	33	pass
N2	15	15	DFT-256QAM	H	Inner_1RB_Right	19.23	22.26	33	pass
N2	15	15	DFT-256QAM	H	Outer_Full	19.22	22.25	33	pass
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.23	26.26	33	pass
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.24	26.27	33	pass
N2	15	20	DFT-PI2BPSK	L	Outer_Full	23.16	26.19	33	pass
N2	15	20	DFT-QPSK	L	Inner_1RB_Left	23.14	26.17	33	pass
N2	15	20	DFT-QPSK	L	Inner_1RB_Right	23.24	26.27	33	pass
N2	15	20	DFT-QPSK	L	Outer_Full	22.67	25.7	33	pass
N2	15	20	DFT-16QAM	L	Inner_1RB_Left	22.63	25.66	33	pass
N2	15	20	DFT-16QAM	L	Inner_1RB_Right	22.66	25.69	33	pass
N2	15	20	DFT-16QAM	L	Outer_Full	21.68	24.71	33	pass
N2	15	20	DFT-64QAM	L	Inner_1RB_Left	21.18	24.21	33	pass
N2	15	20	DFT-64QAM	L	Inner_1RB_Right	21.38	24.41	33	pass
N2	15	20	DFT-64QAM	L	Outer_Full	21.21	24.24	33	pass
N2	15	20	DFT-256QAM	L	Inner_1RB_Left	19.09	22.12	33	pass
N2	15	20	DFT-256QAM	L	Inner_1RB_Right	19.18	22.21	33	pass
N2	15	20	DFT-256QAM	L	Outer_Full	19.24	22.27	33	pass
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.18	26.21	33	pass
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.28	26.31	33	pass
N2	15	20	DFT-PI2BPSK	M	Outer_Full	23.31	26.34	33	pass
N2	15	20	DFT-QPSK	M	Inner_1RB_Left	23.07	26.1	33	pass
N2	15	20	DFT-QPSK	M	Inner_1RB_Right	23.17	26.2	33	pass
N2	15	20	DFT-QPSK	M	Outer_Full	22.8	25.83	33	pass
N2	15	20	DFT-16QAM	M	Inner_1RB_Left	22.64	25.67	33	pass
N2	15	20	DFT-16QAM	M	Inner_1RB_Right	22.63	25.66	33	pass
N2	15	20	DFT-16QAM	M	Outer_Full	21.8	24.83	33	pass
N2	15	20	DFT-64QAM	M	Inner_1RB_Left	21.18	24.21	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 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: 7 of 22

N2	15	20	DFT-64QAM	M	Inner_1RB_Right	21.28	24.31	33	pass
N2	15	20	DFT-64QAM	M	Outer_Full	21.25	24.28	33	pass
N2	15	20	DFT-256QAM	M	Inner_1RB_Left	19.35	22.38	33	pass
N2	15	20	DFT-256QAM	M	Inner_1RB_Right	19.19	22.22	33	pass
N2	15	20	DFT-256QAM	M	Outer_Full	19.26	22.29	33	pass
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.29	26.32	33	pass
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.32	26.35	33	pass
N2	15	20	DFT-PI2BPSK	H	Outer_Full	23.23	26.26	33	pass
N2	15	20	DFT-QPSK	H	Inner_1RB_Left	23.17	26.2	33	pass
N2	15	20	DFT-QPSK	H	Inner_1RB_Right	23.15	26.18	33	pass
N2	15	20	DFT-QPSK	H	Outer_Full	22.75	25.78	33	pass
N2	15	20	DFT-16QAM	H	Inner_1RB_Left	22.87	25.9	33	pass
N2	15	20	DFT-16QAM	H	Inner_1RB_Right	22.8	25.83	33	pass
N2	15	20	DFT-16QAM	H	Outer_Full	21.77	24.8	33	pass
N2	15	20	DFT-64QAM	H	Inner_1RB_Left	21.18	24.21	33	pass
N2	15	20	DFT-64QAM	H	Inner_1RB_Right	21.24	24.27	33	pass
N2	15	20	DFT-64QAM	H	Outer_Full	21.22	24.25	33	pass
N2	15	20	DFT-256QAM	H	Inner_1RB_Left	19.34	22.37	33	pass
N2	15	20	DFT-256QAM	H	Inner_1RB_Right	19.2	22.23	33	pass
N2	15	20	DFT-256QAM	H	Outer_Full	19.28	22.31	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-acceptation and jurisdiction issues defined therein. Any hold placed on this document is advisory and the information contained herein reflects the status upon finding 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](mailto: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号厂房南部 邮编: 215000

t (86-512) 62992980 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
t (86-512) 62992980 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

Report No.: SEWM2210000221RG02  
 Rev.: 01  
 Page: 8 of 22

## Field Strength of Spurious Radiation

Test Band = 5G NR SA n2\_ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	40.63	-45.51	29.98	-70.16	-13.00	57.16	245	24	Horizontal
2	5553.2700	40.66	-45.15	32.97	-66.78	-13.00	53.78	135	356	Horizontal
3	7404.3600	39.41	-43.40	36.49	-62.76	-13.00	49.76	126	24	Horizontal
4	9255.4500	35.30	-40.23	38.38	-61.81	-13.00	48.81	185	316	Horizontal
5	11106.5400	31.81	-37.93	39.09	-62.29	-13.00	49.29	122	239	Horizontal
6	12957.6300	31.15	-37.24	39.79	-61.56	-13.00	48.56	136	330	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	40.52	-45.51	29.98	-70.27	-13.00	57.27	152	29	Vertical
2	5553.2700	40.73	-45.15	32.97	-66.71	-13.00	53.71	133	72	Vertical
3	7404.3600	39.91	-43.40	36.49	-62.26	-13.00	49.26	189	89	Vertical
4	9255.4500	34.88	-40.23	38.38	-62.23	-13.00	49.23	120	148	Vertical
5	11106.5400	31.94	-37.93	39.09	-62.16	-13.00	49.16	177	356	Vertical
6	12957.6300	30.45	-37.24	39.79	-62.26	-13.00	49.26	103	7	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 limitations defined therein. Any non-set forth document is advisory and is not binding. The Company reserves the right to withdraw or amend this document at any time if it is in intervention with 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**



检验检测专用章

SGS Inspection & Testing Services

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

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](http://www.sgsgroup.com.cn)  
t (86-512) 62992980 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

Report No.: SEWM2210000221RG02  
 Rev.: 01  
 Page: 9 of 22

**Test Band = 5G NR SA n2\_ TM1**

**Test Channel = Mid**

Final Data List										
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	41.48	-45.68	30.12	-69.34	-13.00	56.34	245	272	Horizontal
2	5613.2700	39.88	-45.04	33.07	-67.35	-13.00	54.35	132	138	Horizontal
3	7484.3600	38.13	-43.18	36.45	-63.86	-13.00	50.86	165	31	Horizontal
4	9355.4500	34.44	-40.00	38.46	-62.37	-13.00	49.37	125	108	Horizontal
5	11226.5400	32.96	-37.40	39.11	-60.59	-13.00	47.59	188	347	Horizontal
6	13097.6300	29.53	-37.01	39.87	-62.86	-13.00	49.86	145	46	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	40.38	-45.68	30.12	-70.44	-13.00	57.44	145	314	Vertical
2	5613.2700	40.10	-45.04	33.07	-67.13	-13.00	54.13	256	72	Vertical
3	7484.3600	38.59	-43.18	36.45	-63.40	-13.00	50.40	136	2	Vertical
4	9355.4500	34.28	-40.00	38.46	-62.53	-13.00	49.53	259	72	Vertical
5	11226.5400	32.85	-37.40	39.11	-60.70	-13.00	47.70	148	2	Vertical
6	13097.6300	29.77	-37.01	39.87	-62.62	-13.00	49.62	133	300	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-acceptance 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](http://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](mailto:sgs.china@sgs.com)

Member of the SGS Group (SGS SA)



Report No.: SEWM2210000221RG02  
 Rev.: 01  
 Page: 10 of 22

**Test Band = 5G NR SA n2\_ TM1**

**Test Channel = High**

Final Data List											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	3782.1800	41.35	-45.85	30.27	-69.49	-13.00	56.49	215	2	Horizontal	
2	5673.2700	40.38	-44.91	33.29	-66.50	-13.00	53.50	145	164	Horizontal	
3	7564.3600	38.69	-43.00	36.41	-63.17	-13.00	50.17	136	195	Horizontal	
4	9455.4500	36.02	-40.05	38.48	-60.82	-13.00	47.82	256	0	Horizontal	
5	11346.5400	33.83	-37.40	39.11	-59.72	-13.00	46.72	148	0	Horizontal	
6	13237.6300	30.72	-37.08	39.96	-61.65	-13.00	48.65	159	239	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	3780.75	48.00	-45.84	30.26	-62.84	-13.00	49.84	258	180	Vertical	
2	5673.2700	40.07	-44.91	33.29	-66.81	-13.00	53.81	174	269	Vertical	
3	7564.3600	39.57	-43.00	36.41	-62.29	-13.00	49.29	165	331	Vertical	
4	9455.4500	35.50	-40.05	38.48	-61.34	-13.00	48.34	195	0	Vertical	
5	11346.5400	34.48	-37.40	39.11	-59.07	-13.00	46.07	135	0	Vertical	
6	13237.6300	31.25	-37.08	39.96	-61.12	-13.00	48.12	155	315	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 issued 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](http://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](mailto:sgs.china@sgs.com)



Report No.: SEWM2210000221RG02  
 Rev.: 01  
 Page: 11 of 22

Test Band = NSA 5A-n2A\_ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	40.85	-45.51	29.98	-69.94	-13.00	56.94	248	90	Horizontal
2	5553.2700	41.30	-45.15	32.97	-66.14	-13.00	53.14	156	4	Horizontal
3	7404.3600	40.48	-43.40	36.49	-61.69	-13.00	48.69	126	75	Horizontal
4	9255.4500	36.73	-40.23	38.38	-60.38	-13.00	47.38	291	227	Horizontal
5	11106.5400	33.65	-37.93	39.09	-60.45	-13.00	47.45	175	358	Horizontal
6	12957.6300	32.84	-37.24	39.79	-59.87	-13.00	46.87	142	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	40.99	-45.51	29.98	-69.80	-13.00	56.80	214	16	Vertical
2	5553.2700	40.73	-45.15	32.97	-66.71	-13.00	53.71	175	104	Vertical
3	7404.3600	40.27	-43.40	36.49	-61.90	-13.00	48.90	132	353	Vertical
4	9255.4500	35.96	-40.23	38.38	-61.15	-13.00	48.15	256	359	Vertical
5	11106.5400	33.97	-37.93	39.09	-60.13	-13.00	47.13	145	61	Vertical
6	12957.6300	33.24	-37.24	39.79	-59.47	-13.00	46.47	192	360	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](mailto: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](http://www.sgsgroup.com.cn)  
 t (86-512) 62992980 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



Report No.: SEWM2210000221RG02  
 Rev.: 01  
 Page: 12 of 22

**Test Band = NSA 5A-n2A\_ TM1**

**Test Channel = Mid**

Final Data List											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	3742.1800	41.35	-45.68	30.12	-69.47	-13.00	56.47	211	135	Horizontal	
2	5613.2700	40.46	-45.04	33.07	-66.77	-13.00	53.77	142	121	Horizontal	
3	7484.3600	39.09	-43.18	36.45	-62.90	-13.00	49.90	136	360	Horizontal	
4	9355.4500	37.01	-40.00	38.46	-59.80	-13.00	46.80	258	359	Horizontal	
5	11226.5400	35.25	-37.40	39.11	-58.30	-13.00	45.30	147	44	Horizontal	
6	13097.6300	32.56	-37.01	39.87	-59.83	-13.00	46.83	168	360	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	3742.1800	41.24	-45.68	30.12	-69.58	-13.00	56.58	211	313	Vertical	
2	5613.2700	40.12	-45.04	33.07	-67.11	-13.00	54.11	142	284	Vertical	
3	7484.3600	39.15	-43.18	36.45	-62.84	-13.00	49.84	136	133	Vertical	
4	9355.4500	37.23	-40.00	38.46	-59.58	-13.00	46.58	258	133	Vertical	
5	11226.5400	34.69	-37.40	39.11	-58.86	-13.00	45.86	147	360	Vertical	
6	13097.6300	33.23	-37.01	39.87	-59.16	-13.00	46.16	196	178	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**



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](http://www.sgsgroup.com.cn)

t (86-512) 62992980 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



Report No.: SEWM2210000221RG02  
 Rev.: 01  
 Page: 13 of 22

**Test Band = NSA 5A-n2A\_ TM1**

**Test Channel = High**

Final Data List											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	3782.1800	41.63	-45.85	30.27	-69.21	-13.00	56.21	245	360	Horizontal	
2	5673.2700	40.97	-44.91	33.29	-65.91	-13.00	52.91	165	212	Horizontal	
3	7564.3600	39.10	-43.00	36.41	-62.76	-13.00	49.76	125	166	Horizontal	
4	9455.4500	36.19	-40.05	38.48	-60.65	-13.00	47.65	184	46	Horizontal	
5	11346.5400	34.51	-37.40	39.11	-59.04	-13.00	46.04	165	226	Horizontal	
6	13237.6300	32.64	-37.08	39.96	-59.73	-13.00	46.73	188	46	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	3750.75	51.73	-45.71	30.15	-59.09	-13.00	46.09	248	360	Vertical	
2	5673.2700	41.12	-44.91	33.29	-65.76	-13.00	52.76	169	135	Vertical	
3	7564.3600	39.55	-43.00	36.41	-62.31	-13.00	49.31	135	353	Vertical	
4	9455.4500	36.49	-40.05	38.48	-60.35	-13.00	47.35	145	149	Vertical	
5	11346.5400	33.88	-37.40	39.11	-59.67	-13.00	46.67	175	44	Vertical	
6	13237.6300	32.23	-37.08	39.96	-60.14	-13.00	47.14	188	225	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**

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](http://www.sgsgroup.com.cn)  
 t (86-512) 62992980 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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



Report No.: SEWM2210000221RG02  
 Rev.: 01  
 Page: 14 of 22

Test Band = 5G NR CA n2A-n41A\_ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	42.19	-45.51	29.98	-68.60	-25.00	43.60	125	164	Horizontal
2	4992	48.79	-45.63	32.86	-59.24	-25.00	34.24	145	255	Horizontal
3	5553.2700	41.73	-45.15	32.97	-65.71	-25.00	40.71	126	0	Horizontal
4	7404.3600	40.48	-43.40	36.49	-61.69	-25.00	36.69	233	60	Horizontal
5	7503.3000	39.84	-43.13	36.44	-62.11	-25.00	37.11	258	43	Horizontal
6	10004.4000	36.59	-39.23	38.50	-59.41	-25.00	34.41	296	330	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	42.35	-45.51	29.98	-68.44	-25.00	43.44	254	46	Vertical
2	5002.2000	41.38	-45.63	32.88	-66.63	-25.00	41.63	124	16	Vertical
3	5553.2700	42.61	-45.15	32.97	-64.83	-25.00	39.83	126	1	Vertical
4	7404.3600	40.48	-43.40	36.49	-61.69	-25.00	36.69	184	315	Vertical
5	7503.3000	40.12	-43.13	36.44	-61.83	-25.00	36.83	175	0	Vertical
6	10004.4000	36.20	-39.23	38.50	-59.80	-25.00	34.80	169	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-set out document is advisory and is not binding. The Company reserves the right to withdraw any document at any time if it is intervening 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 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](mailto: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](http://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](mailto:sgs.china@sgs.com)



Report No.: SEWM2210000221RG02  
 Rev.: 01  
 Page: 15 of 22

**Test Band = 5G NR CA n2A-n41A\_ TM1**

**Test Channel = Mid**

Final Data List											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	3742.1800	41.82	-45.68	30.12	-69.00	-25.00	44.00	233	196	Horizontal	
2	4904.25	51.54	-45.53	32.61	-56.64	-25.00	31.64	261	226	Horizontal	
3	5613.2700	41.75	-45.04	33.07	-65.48	-25.00	40.48	128	3	Horizontal	
4	7484.3600	40.04	-43.18	36.45	-61.95	-25.00	36.95	142	240	Horizontal	
5	7503.3000	40.34	-43.13	36.44	-61.61	-25.00	36.61	133	212	Horizontal	
6	10004.4000	36.57	-39.23	38.50	-59.43	-25.00	34.43	266	151	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	3742.1800	41.98	-45.68	30.12	-68.84	-25.00	43.84	214	332	Vertical	
2	5002.2000	41.15	-45.63	32.88	-66.86	-25.00	41.86	158	6	Vertical	
3	5613.2700	42.59	-45.04	33.07	-64.64	-25.00	39.64	169	256	Vertical	
4	7484.3600	40.60	-43.18	36.45	-61.39	-25.00	36.39	291	42	Vertical	
5	7503.3000	39.96	-43.13	36.44	-61.99	-25.00	36.99	147	196	Vertical	
6	10004.4000	35.88	-39.23	38.50	-60.12	-25.00	35.12	152	104	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 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  
 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](http://www.sgsgroup.com.cn)  
 t (86-512) 62992980 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



Report No.: SEWM2210000221RG02  
 Rev.: 01  
 Page: 16 of 22

**Test Band = 5G NR CA n2A-n41A\_ TM1**

**Test Channel = High**

Final Data List											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	3782.1800	43.22	-45.85	30.27	-67.62	-25.00	42.62	215	224	Horizontal	
2	5190.1800	41.29	-45.29	32.98	-66.27	-25.00	41.27	136	254	Horizontal	
3	5673.2700	41.29	-44.91	33.29	-65.59	-25.00	40.59	256	270	Horizontal	
4	7564.3600	40.19	-43.00	36.41	-61.67	-25.00	36.67	142	0	Horizontal	
5	7785.2700	39.44	-42.43	36.75	-61.49	-25.00	36.49	135	1	Horizontal	
6	10380.3600	35.78	-39.03	38.86	-59.65	-25.00	34.65	128	254	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	3782.1800	42.69	-45.85	30.27	-68.15	-25.00	43.15	211	300	Vertical	
2	5190.1800	41.69	-45.29	32.98	-65.87	-25.00	40.87	142	60	Vertical	
3	5673.2700	41.16	-44.91	33.29	-65.72	-25.00	40.72	136	91	Vertical	
4	7564.3600	39.90	-43.00	36.41	-61.96	-25.00	36.96	148	16	Vertical	
5	7785.2700	39.57	-42.43	36.75	-61.36	-25.00	36.36	196	91	Vertical	
6	10380.3600	35.96	-39.03	38.86	-59.47	-25.00	34.47	180	29	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 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](http://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](mailto:sgs.china@sgs.com)



Report No.: SEWM2210000221RG02  
 Rev.: 01  
 Page: 17 of 22

Test Band = 5G NR CA n2A-n77A\_ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.5	30.85	-23.55	27.70	-60.25	-13.00	47.25	214	299	Horizontal
2	4547.5	28.20	-20.37	31.66	-55.77	-13.00	42.77	152	200	Horizontal
3	5330.3333	29.70	-18.85	32.87	-51.55	-13.00	38.55	132	170	Horizontal
4	7969.125	41.52	-42.32	36.97	-59.08	-13.00	46.08	126	196	Horizontal
5	10671.625	35.82	-37.64	39.12	-57.96	-13.00	44.96	184	105	Horizontal
6	14500.55	33.53	-34.24	40.01	-55.96	-13.00	42.96	196	1	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2604.1667	29.74	-22.83	28.11	-60.24	-13.00	47.24	142	239	Vertical
2	4780.3333	28.61	-19.86	32.26	-54.25	-13.00	41.25	136	4	Vertical
3	8035.825	40.69	-41.85	37.02	-59.39	-13.00	46.39	155	211	Vertical
4	10614.125	35.97	-37.94	39.07	-58.16	-13.00	45.16	186	163	Vertical
5	12302.325	34.69	-36.65	39.10	-58.12	-13.00	45.12	145	1	Vertical
6	14499.4	33.74	-34.24	40.01	-55.74	-13.00	42.74	192	74	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 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](mailto: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](http://www.sgsgroup.com.cn)  
 t (86-512) 62992980 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



Report No.: SEWM2210000221RG02  
 Rev.: 01  
 Page: 18 of 22

**Test Band = 5G NR CA n2A-n77A\_ TM1**

**Test Channel = Mid**

Final Data List											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	2479.5	32.60	-23.55	27.70	-58.50	-13.00	45.50	214	259	Horizontal	
2	5183.6667	29.31	-19.06	32.98	-52.03	-13.00	39.03	156	360	Horizontal	
3	7387.8	41.99	-42.86	36.50	-59.63	-13.00	46.63	136	8	Horizontal	
4	9402.6	38.57	-39.92	38.49	-58.12	-13.00	45.12	129	195	Horizontal	
5	12277.025	35.36	-36.75	39.11	-57.54	-13.00	44.54	184	74	Horizontal	
6	14511.475	33.77	-34.36	40.00	-55.85	-13.00	42.85	145	105	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	2479.5	32.76	-23.55	27.70	-58.34	-13.00	45.34	254	30	Vertical	
2	4897.6667	29.99	-20.03	32.59	-52.70	-13.00	39.70	125	356	Vertical	
3	8016.275	41.07	-42.00	37.02	-59.18	-13.00	46.18	148	316	Vertical	
4	9611.9	38.01	-39.23	38.43	-58.06	-13.00	45.06	175	31	Vertical	
5	11198.325	35.80	-36.62	39.11	-56.97	-13.00	43.97	145	332	Vertical	
6	13924.4	34.54	-35.38	40.07	-56.03	-13.00	43.03	139	357	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 intervention mentioned herein reflects the company's finding 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](mailto: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

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](http://www.sgsgroup.com.cn)  
 t (86-512) 62992980 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



Report No.: SEWM2210000221RG02  
 Rev.: 01  
 Page: 19 of 22

**Test Band = 5G NR CA n2A-n77A\_ TM1**

**Test Channel = High**

Final Data List											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	2365.8333	30.40	-23.57	27.42	-61.01	-13.00	48.01	255	191	Horizontal	
2	4664.8333	28.40	-20.12	31.91	-55.08	-13.00	42.08	148	109	Horizontal	
3	8042.725	40.34	-41.79	37.02	-59.69	-13.00	46.69	165	43	Horizontal	
4	9807.975	37.93	-39.07	38.23	-58.17	-13.00	45.17	125	255	Horizontal	
5	12841.1	34.91	-36.72	39.67	-57.40	-13.00	44.40	138	269	Horizontal	
6	14483.3	33.56	-34.37	40.02	-56.05	-13.00	43.05	190	89	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	2591.3333	29.45	-22.89	28.07	-60.63	-13.00	47.63	254	360	Vertical	
2	5081	29.26	-19.29	32.92	-52.37	-13.00	39.37	126	4	Vertical	
3	5719	29.76	-18.79	33.45	-50.83	-13.00	37.83	235	129	Vertical	
4	8327.35	40.37	-41.73	37.24	-59.38	-13.00	46.38	158	254	Vertical	
5	9807.975	38.25	-39.07	38.23	-57.85	-13.00	44.85	196	239	Vertical	
6	11236.85	35.28	-36.83	39.11	-57.70	-13.00	44.70	184	71	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-English document is advisory and the information contained therein reflects the concepts defined 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](mailto: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](http://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](mailto:sgs.china@sgs.com)

Report No.: SEWM2210000221RG02  
 Rev.: 01  
 Page: 20 of 22

**Test Band = 5G NR CA n2A-n78A\_ TM1**

**Test Channel = Low**

Final Data List											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	2439.1667	33.33	-23.56	27.57	-57.92	-13.00	44.92	255	179	Horizontal	
2	4780.3333	28.64	-19.86	32.26	-54.22	-13.00	41.22	145	269	Horizontal	
3	5962.8333	30.19	-18.87	34.06	-49.88	-13.00	36.88	156	61	Horizontal	
4	8037.55	40.36	-41.83	37.02	-59.71	-13.00	46.71	132	332	Horizontal	
5	9807.975	39.07	-39.07	38.23	-57.03	-13.00	44.03	159	301	Horizontal	
6	12817.525	34.56	-36.66	39.65	-57.72	-13.00	44.72	194	150	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	2426.3333	30.53	-23.56	27.53	-60.77	-13.00	47.77	245	342	Vertical	
2	4569.5	28.46	-20.36	31.68	-55.48	-13.00	42.48	148	348	Vertical	
3	5229.5	29.79	-18.95	32.96	-51.46	-13.00	38.46	135	239	Vertical	
4	8043.3	40.17	-41.79	37.03	-59.85	-13.00	46.85	233	166	Vertical	
5	10102.95	36.47	-38.72	38.65	-58.85	-13.00	45.85	265	357	Vertical	
6	11243.75	36.01	-36.88	39.11	-57.02	-13.00	44.02	155	332	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-English document is advisory and the English version prevails if there is any discrepancy. Any non-English term used in this document is advisory and its interpretation is limited to the English version. Any intervention made 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](mailto: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](http://www.sgsgroup.com.cn)  
 t (86-512) 62992980 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



Report No.: SEWM2210000221RG02  
 Rev.: 01  
 Page: 21 of 22

**Test Band = 5G NR CA n2A-n78A\_ TM1**

**Test Channel = Mid**

Final Data List											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	2375	30.44	-23.57	27.43	-60.97	-13.00	47.97	245	110	Horizontal	
2	5257	29.57	-18.88	32.94	-51.64	-13.00	38.64	125	4	Horizontal	
3	5926.1667	30.34	-18.79	33.99	-49.73	-13.00	36.73	159	355	Horizontal	
4	8409	40.90	-41.41	37.35	-58.42	-13.00	45.42	136	0	Horizontal	
5	10696.925	35.71	-37.51	39.14	-57.92	-13.00	44.92	256	222	Horizontal	
6	12211.475	35.29	-37.06	39.13	-57.90	-13.00	44.90	191	104	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	2373.1667	29.95	-23.57	27.43	-61.46	-13.00	48.46	211	213	Vertical	
2	4349.5	28.28	-20.60	31.41	-56.17	-13.00	43.17	145	359	Vertical	
3	5077.3333	29.45	-19.30	32.92	-52.19	-13.00	39.19	147	114	Vertical	
4	7389.525	42.10	-42.85	36.50	-59.51	-13.00	46.51	158	318	Vertical	
5	9613.625	37.50	-39.24	38.43	-58.57	-13.00	45.57	172	0	Vertical	
6	11160.95	35.97	-37.05	39.10	-57.24	-13.00	44.24	143	273	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-Documents.aspx>. Attention is drawn to the limitation of liability, non-acceptation and jurisdiction clauses defined therein. Any non-set forth 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](mailto: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](http://www.sgsgroup.com.cn)  
 t (86-512) 62992980 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



Report No.: SEWM2210000221RG02  
 Rev.: 01  
 Page: 22 of 22

**Test Band = 5G NR CA n2A-n78A\_ TM1**

**Test Channel = High**

Final Data List											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	2479.5	30.53	-23.55	27.70	-60.57	-13.00	47.57	211	360	Horizontal	
2	4510.8333	28.44	-20.38	31.62	-55.58	-13.00	42.58	145	322	Horizontal	
3	5262.5	29.97	-18.87	32.93	-51.23	-13.00	38.23	126	360	Horizontal	
4	7434.95	41.89	-42.92	36.47	-59.82	-13.00	46.82	135	285	Horizontal	
5	10648.05	35.81	-37.76	39.10	-58.11	-13.00	45.11	199	239	Horizontal	
6	12776.125	34.32	-36.67	39.59	-58.02	-13.00	45.02	182	90	Horizontal	

Final Data List											
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	2809.5	29.66	-22.60	28.52	-59.68	-13.00	46.68	255	259	Vertical	
2	4686.8333	28.39	-20.05	31.97	-54.94	-13.00	41.94	145	354	Vertical	
3	5290	29.63	-18.80	32.90	-51.53	-13.00	38.53	133	288	Vertical	
4	8369.325	40.96	-41.52	37.29	-58.53	-13.00	45.53	256	238	Vertical	
5	9367.525	38.54	-39.97	38.47	-58.22	-13.00	45.22	218	329	Vertical	
6	12802	34.39	-36.63	39.63	-57.86	-13.00	44.86	175	103	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/e-Documents.aspx>. Attention is drawn to the limitation of liability, non-acceptance and jurisdiction limitations defined therein. Any non-conformity found is advised to the Intervenor in writing herein before the report is finalized 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

t (86-512) 62992980 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
t (86-512) 62992980 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)