Appendix B.49

NR CA_n7B

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

Effective (Isotropic) Radiated Power Output Data for SA ULCA

Test ResultAnt1

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
CA_n7B	15+15	10+10	DFT-BPSK	L+L	Inner_Full	16.75	18.17	33.00	PASS
CA_n7B	15+15	10+10	DFT-BPSK	L+L	Inner_1RB_Left	16.89	18.31	33.00	PASS
CA_n7B	15+15	10+10	DFT-BPSK	L+L	Inner_1RB_Right	16.59	18.01	33.00	PASS
CA_n7B	15+15	10+10	DFT-QPSK	L+L	Inner_Full	16.52	17.94	33.00	PASS
CA_n7B	15+15	10+10	DFT-QPSK	L+L	Inner_1RB_Left	16.53	17.95	33.00	PASS
CA_n7B	15+15	10+10	DFT-QPSK	L+L	Inner_1RB_Right	16.65	18.07	33.00	PASS
CA_n7B	15+15	10+10	DFT-16QAM	L+L	Inner_Full	16.51	17.93	33.00	PASS
CA_n7B	15+15	10+10	DFT-16QAM	L+L	Inner_1RB_Left	16.89	18.31	33.00	PASS
CA_n7B	15+15	10+10	DFT-16QAM	L+L	Inner_1RB_Right	16.6	18.02	33.00	PASS
CA_n7B	15+15	10+10	DFT-64QAM	L+L	Inner_Full	16.62	18.04	33.00	PASS
CA_n7B	15+15	10+10	DFT-64QAM	L+L	Inner_1RB_Left	16.57	17.99	33.00	PASS
CA_n7B	15+15	10+10	DFT-64QAM	L+L	Inner_1RB_Right	16.44	17.86	33.00	PASS
CA_n7B	15+15	10+10	DFT-256QAM	L+L	Inner_Full	16.68	18.1	33.00	PASS
CA_n7B	15+15	10+10	DFT-256QAM	L+L	Inner_1RB_Left	16.46	17.88	33.00	PASS
CA_n7	15+1	10+10	DFT-	L+L	Inner_1RB_Righ	16.87	18.29	33.00	PASS

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

B	5		256QAM		t				
CA_n7 B	15+15	20+20	DFT-BPSK	L+L	Inner_Full	16.7	18.12	33.00	PASS
CA_n7 B	15+15	20+20	DFT-BPSK	L+L	Inner_1RB_Left	16.72	18.14	33.00	PASS
CA_n7 B	15+15	20+20	DFT-BPSK	L+L	Inner_1RB_Right	16.71	18.13	33.00	PASS
CA_n7 B	15+15	20+20	DFT-QPSK	L+L	Inner_Full	16.54	17.96	33.00	PASS
CA_n7 B	15+15	20+20	DFT-QPSK	L+L	Inner_1RB_Left	16.62	18.04	33.00	PASS
CA_n7 B	15+15	20+20	DFT-QPSK	L+L	Inner_1RB_Right	16.72	18.14	33.00	PASS
CA_n7 B	15+15	20+20	DFT-16QAM	L+L	Inner_Full	16.55	17.97	33.00	PASS
CA_n7 B	15+15	20+20	DFT-16QAM	L+L	Inner_1RB_Left	16.76	18.18	33.00	PASS
CA_n7 B	15+15	20+20	DFT-16QAM	L+L	Inner_1RB_Right	16.83	18.25	33.00	PASS
CA_n7 B	15+15	20+20	DFT-64QAM	L+L	Inner_Full	16.62	18.04	33.00	PASS
CA_n7 B	15+15	20+20	DFT-64QAM	L+L	Inner_1RB_Left	16.88	18.3	33.00	PASS
CA_n7 B	15+15	20+20	DFT-64QAM	L+L	Inner_1RB_Right	16.44	17.86	33.00	PASS
CA_n7 B	15+15	20+20	DFT-256QAM	L+L	Inner_Full	16.79	18.21	33.00	PASS
CA_n7 B	15+15	20+20	DFT-256QAM	L+L	Inner_1RB_Left	16.49	17.91	33.00	PASS
CA_n7 B	15+15	20+20	DFT-256QAM	L+L	Inner_1RB_Right	16.52	17.94	33.00	PASS
CA_n7 B	15+15	10+10	DFT-BPSK	M+M	Inner_Full	16.76	18.18	33.00	PASS
CA_n7 B	15+15	10+10	DFT-BPSK	M+M	Inner_1RB_Left	16.47	17.89	33.00	PASS
CA_n7	15+1	10+10	DFT-	M+M	Inner_1RB_Righ	16.65	18.07	33.00	PASS

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

B	5		BPSK		t				
CA_n7 B	15+15	10+10	DFT-QPSK	M+M	Inner_Full	16.84	18.26	33.00	PASS
CA_n7 B	15+15	10+10	DFT-QPSK	M+M	Inner_1RB_Left	16.5	17.92	33.00	PASS
CA_n7 B	15+15	10+10	DFT-QPSK	M+M	Inner_1RB_Right	16.68	18.1	33.00	PASS
CA_n7 B	15+15	10+10	DFT-16QAM	M+M	Inner_Full	16.87	18.29	33.00	PASS
CA_n7 B	15+15	10+10	DFT-16QAM	M+M	Inner_1RB_Left	16.84	18.26	33.00	PASS
CA_n7 B	15+15	10+10	DFT-16QAM	M+M	Inner_1RB_Right	16.76	18.18	33.00	PASS
CA_n7 B	15+15	10+10	DFT-64QAM	M+M	Inner_Full	16.65	18.07	33.00	PASS
CA_n7 B	15+15	10+10	DFT-64QAM	M+M	Inner_1RB_Left	16.62	18.04	33.00	PASS
CA_n7 B	15+15	10+10	DFT-64QAM	M+M	Inner_1RB_Right	16.59	18.01	33.00	PASS
CA_n7 B	15+15	10+10	DFT-256QAM	M+M	Inner_Full	16.51	17.93	33.00	PASS
CA_n7 B	15+15	10+10	DFT-256QAM	M+M	Inner_1RB_Left	16.55	17.97	33.00	PASS
CA_n7 B	15+15	10+10	DFT-256QAM	M+M	Inner_1RB_Right	16.81	18.23	33.00	PASS
CA_n7 B	15+15	20+20	DFT-BPSK	M+M	Inner_Full	16.82	18.24	33.00	PASS
CA_n7 B	15+15	20+20	DFT-BPSK	M+M	Inner_1RB_Left	16.48	17.9	33.00	PASS
CA_n7 B	15+15	20+20	DFT-BPSK	M+M	Inner_1RB_Right	16.65	18.07	33.00	PASS
CA_n7 B	15+15	20+20	DFT-QPSK	M+M	Inner_Full	16.57	17.99	33.00	PASS
CA_n7 B	15+15	20+20	DFT-QPSK	M+M	Inner_1RB_Left	16.55	17.97	33.00	PASS
CA_n7	15+1	20+20	DFT-	M+M	Inner_1RB_Righ	16.76	18.18	33.00	PASS

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

B	5		QPSK		t				
CA_n7 B	15+15	20+20	DFT-16QAM	M+M	Inner_Full	16.46	17.88	33.00	PASS
CA_n7 B	15+15	20+20	DFT-16QAM	M+M	Inner_1RB_Left	16.62	18.04	33.00	PASS
CA_n7 B	15+15	20+20	DFT-16QAM	M+M	Inner_1RB_Right	16.7	18.12	33.00	PASS
CA_n7 B	15+15	20+20	DFT-64QAM	M+M	Inner_Full	16.7	18.12	33.00	PASS
CA_n7 B	15+15	20+20	DFT-64QAM	M+M	Inner_1RB_Left	16.55	17.97	33.00	PASS
CA_n7 B	15+15	20+20	DFT-64QAM	M+M	Inner_1RB_Right	16.55	17.97	33.00	PASS
CA_n7 B	15+15	20+20	DFT-256QAM	M+M	Inner_Full	16.79	18.21	33.00	PASS
CA_n7 B	15+15	20+20	DFT-256QAM	M+M	Inner_1RB_Left	16.62	18.04	33.00	PASS
CA_n7 B	15+15	20+20	DFT-256QAM	M+M	Inner_1RB_Right	16.49	17.91	33.00	PASS
CA_n7 B	15+15	10+10	DFT-BPSK	H+H	Inner_Full	16.61	18.03	33.00	PASS
CA_n7 B	15+15	10+10	DFT-BPSK	H+H	Inner_1RB_Left	16.49	17.91	33.00	PASS
CA_n7 B	15+15	10+10	DFT-BPSK	H+H	Inner_1RB_Right	16.62	18.04	33.00	PASS
CA_n7 B	15+15	10+10	DFT-QPSK	H+H	Inner_Full	16.86	18.28	33.00	PASS
CA_n7 B	15+15	10+10	DFT-QPSK	H+H	Inner_1RB_Left	16.47	17.89	33.00	PASS
CA_n7 B	15+15	10+10	DFT-QPSK	H+H	Inner_1RB_Right	16.45	17.87	33.00	PASS
CA_n7 B	15+15	10+10	DFT-16QAM	H+H	Inner_Full	16.83	18.25	33.00	PASS
CA_n7 B	15+15	10+10	DFT-16QAM	H+H	Inner_1RB_Left	16.88	18.3	33.00	PASS
CA_n7	15+1	10+10	DFT-	H+H	Inner_1RB_Righ	16.83	18.25	33.00	PASS

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

B	5		16QAM		t				
CA_n7 B	15+15	10+10	DFT-64QAM	H+H	Inner_Full	16.62	18.04	33.00	PASS
CA_n7 B	15+15	10+10	DFT-64QAM	H+H	Inner_1RB_Left	16.88	18.3	33.00	PASS
CA_n7 B	15+15	10+10	DFT-64QAM	H+H	Inner_1RB_Right	16.47	17.89	33.00	PASS
CA_n7 B	15+15	10+10	DFT-256QAM	H+H	Inner_Full	16.47	17.89	33.00	PASS
CA_n7 B	15+15	10+10	DFT-256QAM	H+H	Inner_1RB_Left	16.79	18.21	33.00	PASS
CA_n7 B	15+15	10+10	DFT-256QAM	H+H	Inner_1RB_Right	16.51	17.93	33.00	PASS
CA_n7 B	15+15	20+20	DFT-BPSK	H+H	Inner_Full	16.78	18.2	33.00	PASS
CA_n7 B	15+15	20+20	DFT-BPSK	H+H	Inner_1RB_Left	16.59	18.01	33.00	PASS
CA_n7 B	15+15	20+20	DFT-BPSK	H+H	Inner_1RB_Right	16.77	18.19	33.00	PASS
CA_n7 B	15+15	20+20	DFT-QPSK	H+H	Inner_Full	16.72	18.14	33.00	PASS
CA_n7 B	15+15	20+20	DFT-QPSK	H+H	Inner_1RB_Left	16.49	17.91	33.00	PASS
CA_n7 B	15+15	20+20	DFT-QPSK	H+H	Inner_1RB_Right	16.79	18.21	33.00	PASS
CA_n7 B	15+15	20+20	DFT-16QAM	H+H	Inner_Full	16.56	17.98	33.00	PASS
CA_n7 B	15+15	20+20	DFT-16QAM	H+H	Inner_1RB_Left	16.44	17.86	33.00	PASS
CA_n7 B	15+15	20+20	DFT-16QAM	H+H	Inner_1RB_Right	16.61	18.03	33.00	PASS
CA_n7 B	15+15	20+20	DFT-64QAM	H+H	Inner_Full	16.61	18.03	33.00	PASS
CA_n7 B	15+15	20+20	DFT-64QAM	H+H	Inner_1RB_Left	16.61	18.03	33.00	PASS
CA_n7	15+1	20+20	DFT-	H+H	Inner_1RB_Righ	16.62	18.04	33.00	PASS

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

B	5		64QAM		t				
CA_n7 B	15+15	20+20	DFT-256QAM	H+H	Inner_Full	16.64	18.06	33.00	PASS
CA_n7 B	15+15	20+20	DFT-256QAM	H+H	Inner_1RB_Left	16.72	18.14	33.00	PASS
CA_n7 B	15+15	20+20	DFT-256QAM	H+H	Inner_1RB_Right	16.49	17.91	33.00	PASS

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

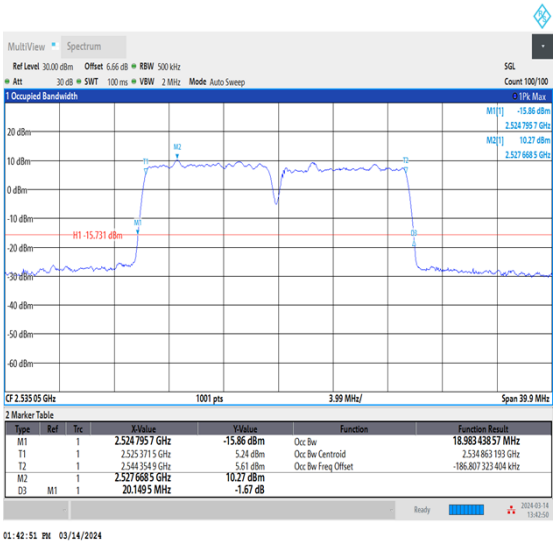
26dB Bandwidth and Occupied Bandwidth for SA ULCA

Test Result

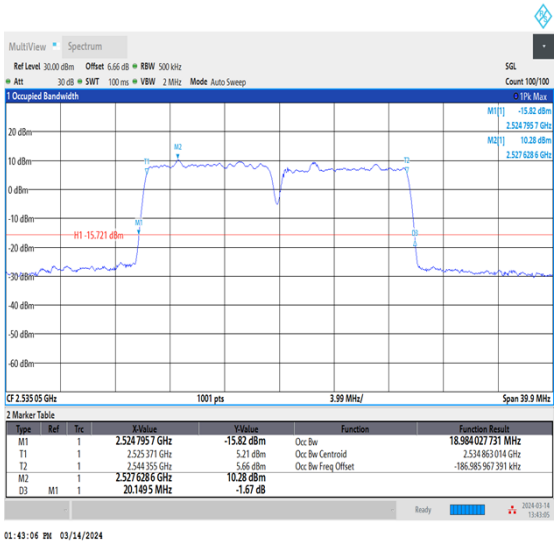
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
CA_n7B	15+15	10+10	DFT-BPSK	M+M	Outer_Full	18.983	20.150	PASS
CA_n7B	15+15	10+10	DFT-QPSK	M+M	Outer_Full	18.984	20.150	PASS
CA_n7B	15+15	10+10	DFT-16QAM	M+M	Outer_Full	18.988	20.150	PASS
CA_n7B	15+15	10+10	DFT-64QAM	M+M	Outer_Full	18.984	20.150	PASS
CA_n7B	15+15	10+10	DFT-256QAM	M+M	Outer_Full	18.981	20.150	PASS
CA_n7B	15+15	10+10	CP-QPSK	M+M	Outer_Full	18.982	20.150	PASS
CA_n7B	15+15	10+10	CP-16QAM	M+M	Outer_Full	18.983	20.150	PASS
CA_n7B	15+15	10+10	CP-64QAM	M+M	Outer_Full	18.98	20.110	PASS
CA_n7B	15+15	10+10	CP-256QAM	M+M	Outer_Full	18.979	20.150	PASS
CA_n7B	15+15	20+20	DFT-BPSK	M+M	Outer_Full	37.637	39.151	PASS
CA_n7B	15+15	20+20	DFT-QPSK	M+M	Outer_Full	37.622	39.151	PASS
CA_n7B	15+15	20+20	DFT-16QAM	M+M	Outer_Full	37.695	39.151	PASS
CA_n7B	15+15	20+20	DFT-64QAM	M+M	Outer_Full	37.639	39.151	PASS
CA_n7B	15+15	20+20	DFT-256QAM	M+M	Outer_Full	37.626	39.151	PASS
CA_n7B	15+15	20+20	CP-QPSK	M+M	Outer_Full	37.631	39.151	PASS
CA_n7B	15+15	20+20	CP-16QAM	M+M	Outer_Full	37.632	39.151	PASS
CA_n7B	15+15	20+20	CP-64QAM	M+M	Outer_Full	37.629	39.151	PASS
CA_n7B	15+15	20+20	CP-256QAM	M+M	Outer_Full	37.628	39.151	PASS

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

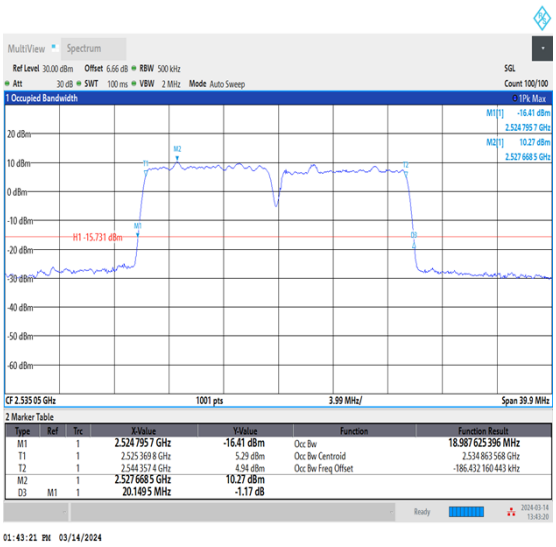
Test Graphs



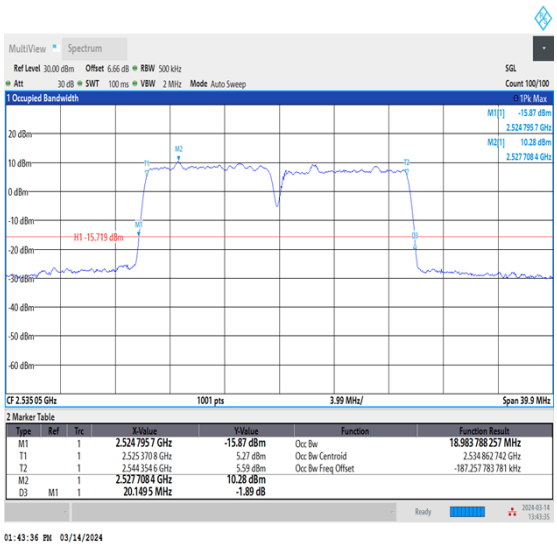
NTNV_CA_n7B_PC3_15+15_10+10_M+M_Ant1_TID1_1_#1



NTNV_CA_n7B_PC3_15+15_10+10_M+M_Ant1_TID2_1_#1

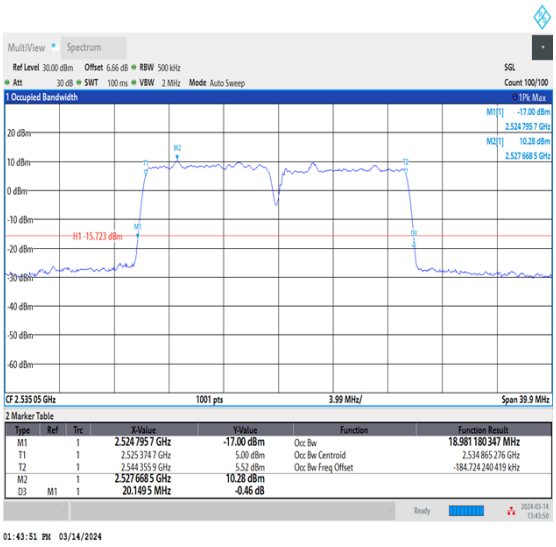


NTNV_CA_n7B_PC3_15+15_10+10_M+M_Ant1_TID3_1_#1

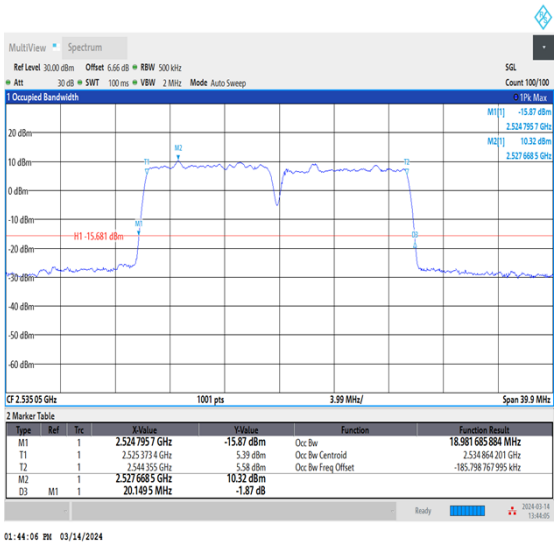


NTNV_CA_n7B_PC3_15+15_10+10_M+M_Ant1_TID4_1_#1

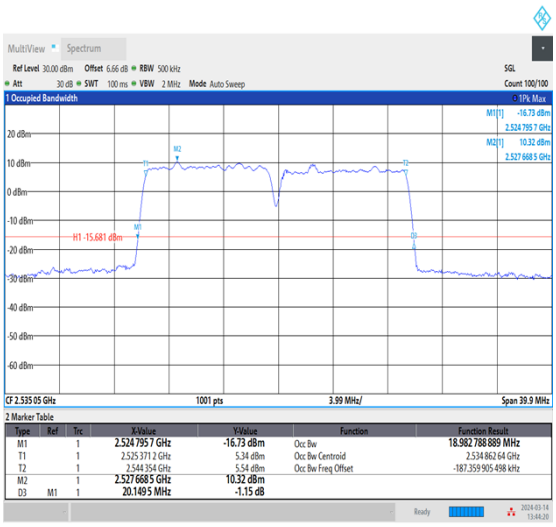
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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



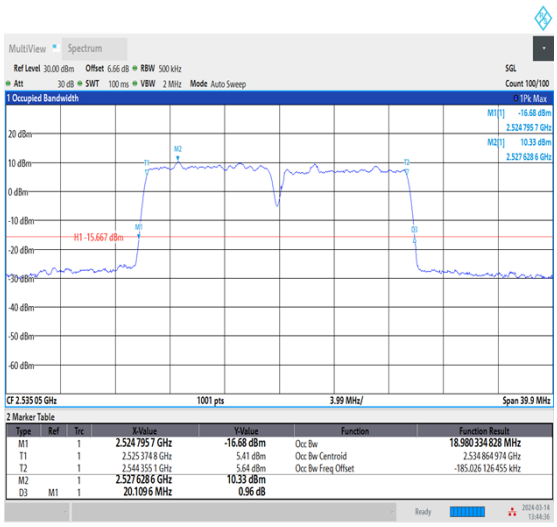
NTNV_CA_n7B_PC3_15+15_10+10_M+M_Ant1_TID5_1_#1



NTNV_CA_n7B_PC3_15+15_10+10_M+M_Ant1_TID6_1_#1

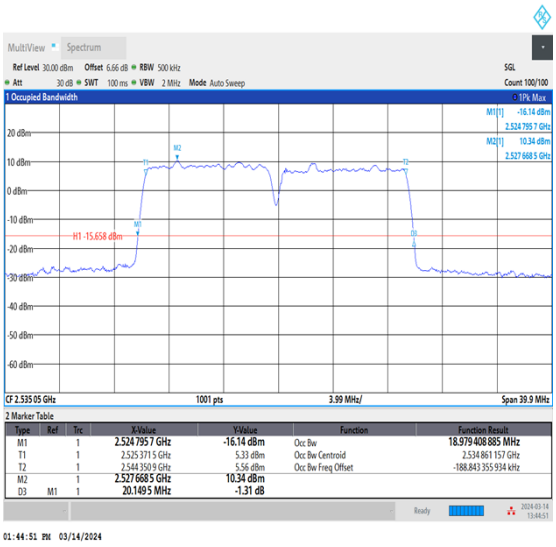


NTNV_CA_n7B_PC3_15+15_10+10_M+M_Ant1_TID7_1_#1



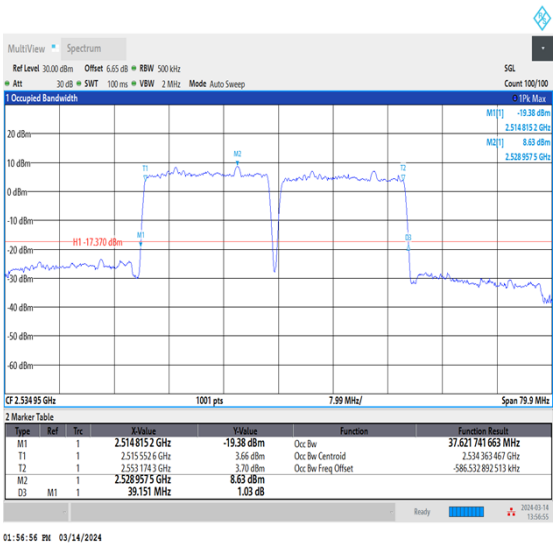
NTNV_CA_n7B_PC3_15+15_10+10_M+M_Ant1_TID8_1_#1

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

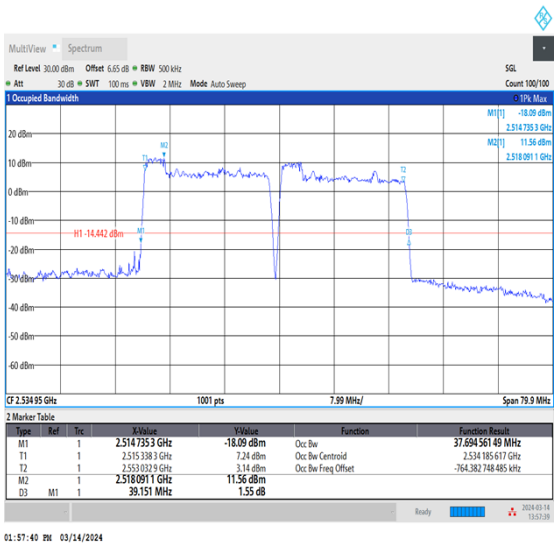


NTNV_CA_n7B_PC3_15+15_10+10_M+M_Ant1_TID9_1_#1

NTNV_CA_n7B_PC3_15+15_20+20_M+M_Ant1_TID1_1_#1

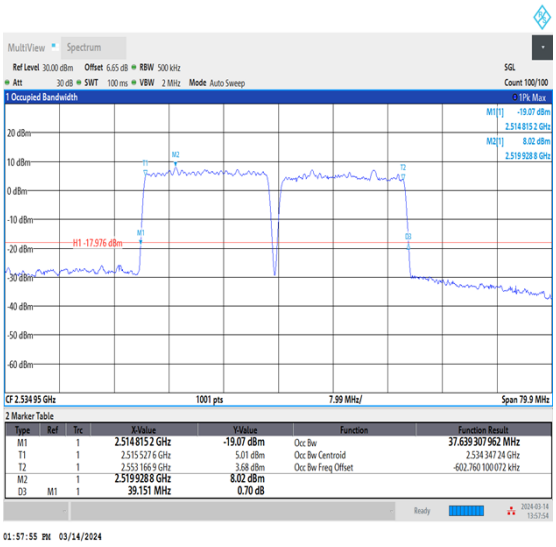


NTNV_CA_n7B_PC3_15+15_20+20_M+M_Ant1_TID2_1_#1



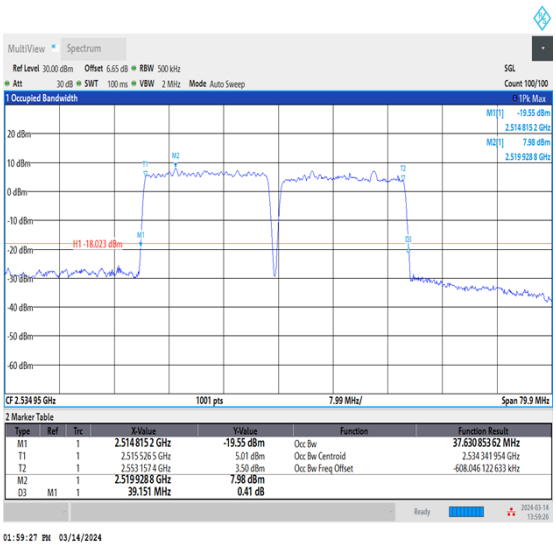
NTNV_CA_n7B_PC3_15+15_20+20_M+M_Ant1_TID3_1_#1

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

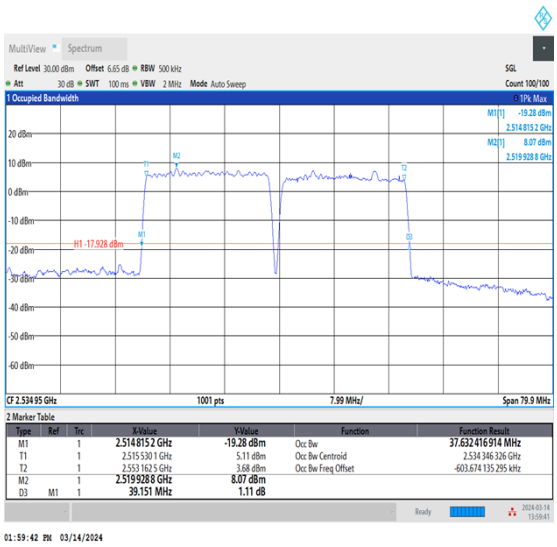


NTNV_CA_n7B_PC3_15+15_20+20_M+M_Ant1_TID4_1_#1

NTNV_CA_n7B_PC3_15+15_20+20_M+M_Ant1_TID5_1_#1

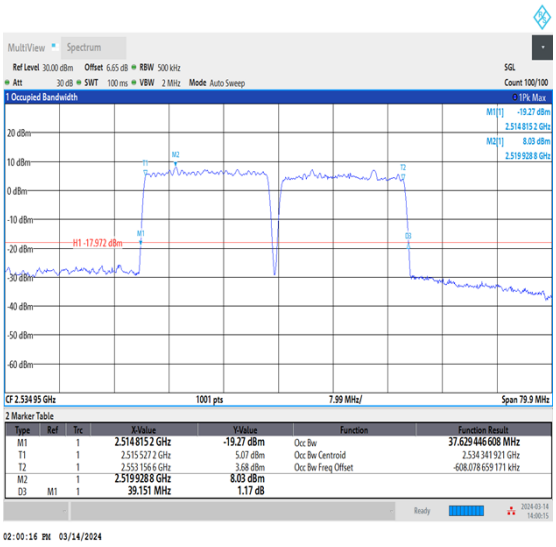


NTNV_CA_n7B_PC3_15+15_20+20_M+M_Ant1_TID6_1_#1



NTNV_CA_n7B_PC3_15+15_20+20_M+M_Ant1_TID7_1_#1

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



NTNV_CA_n7B_PC3_15+15_20+20_M+M_Ant1_TID8_1_#1

NTNV_CA_n7B_PC3_15+15_20+20_M+M_Ant1_TID9_1_#1

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

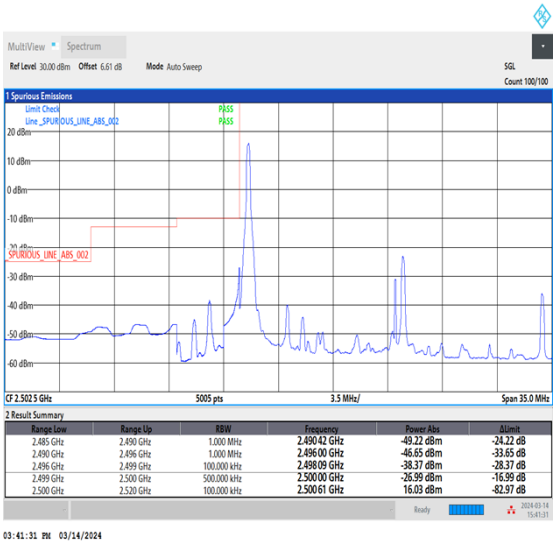
检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. Wireless Laboratory

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
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

Member of the SGS Group (SGS SA)

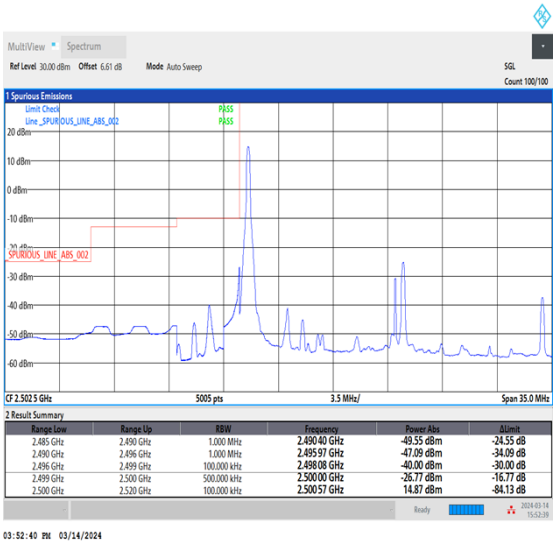
Band Edge for SA ULCA

Test Graphs

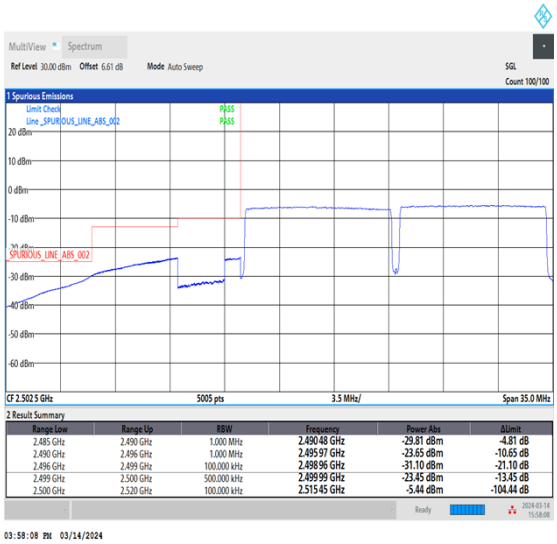


NTNV_CA_n7B_PC3_15+15_10+10_L+L_TID1_1_#1

NTNV_CA_n7B_PC3_15+15_10+10_L+L_TID3_1_#1

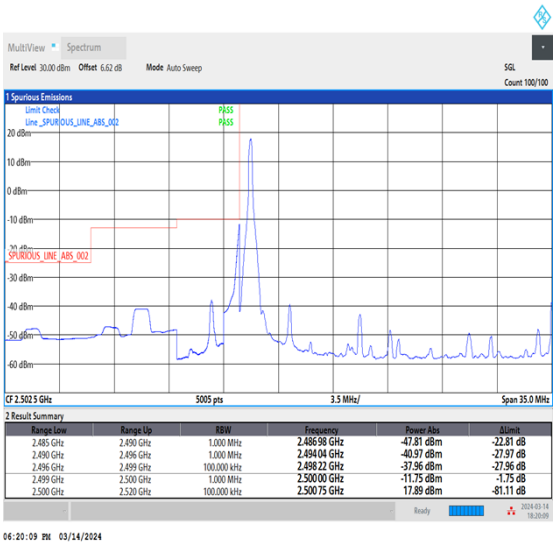


NTNV_CA_n7B_PC3_15+15_10+10_L+L_TID4_1_#1

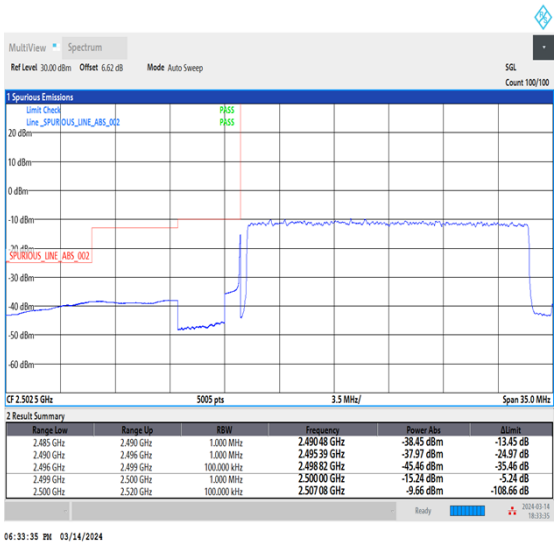


NTNV_CA_n7B_PC3_15+15_10+10_L+L_TID6_1_#1

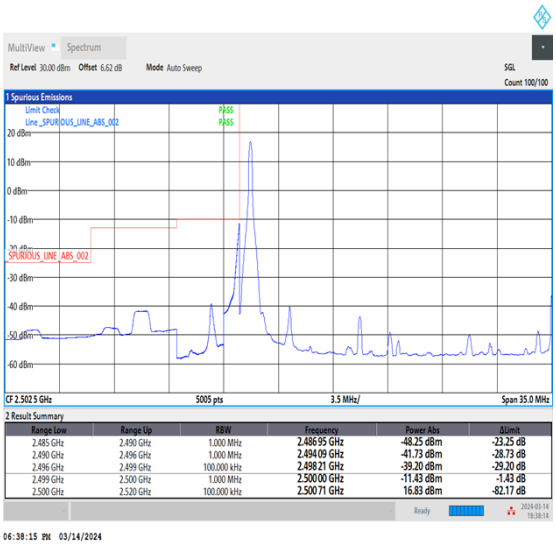
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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



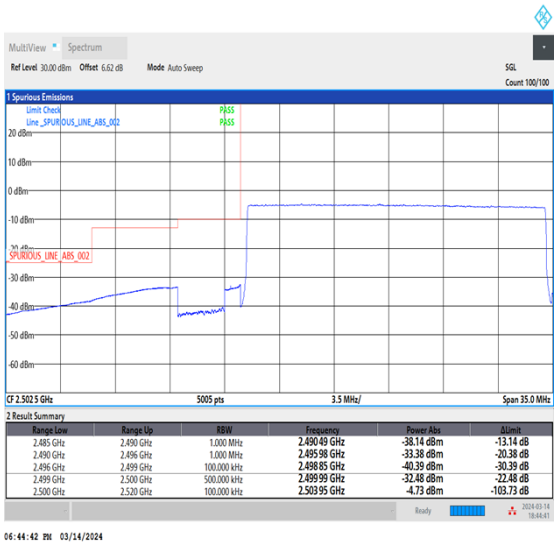
NTNV_CA_n7B_PC3_15+15_20+20_L+L_TID1_1_#1



NTNV_CA_n7B_PC3_15+15_20+20_L+L_TID3_1_#1

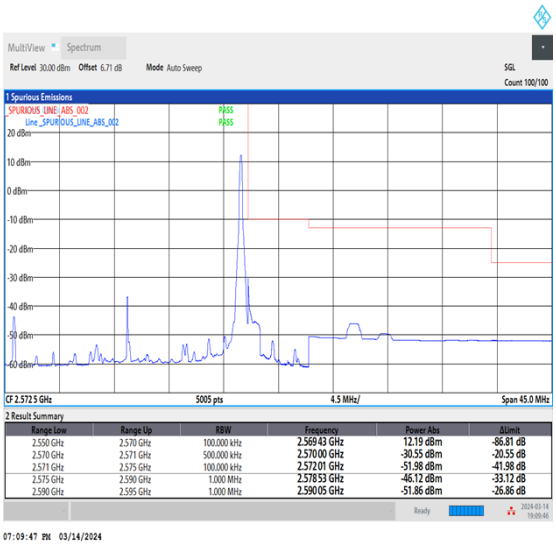


NTNV_CA_n7B_PC3_15+15_20+20_L+L_TID4_1_#1

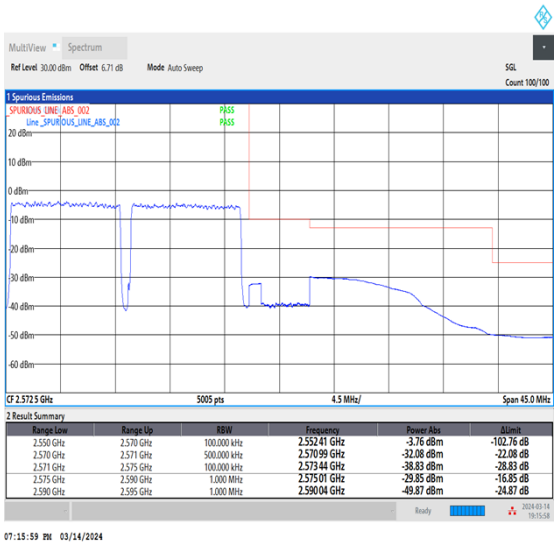


NTNV_CA_n7B_PC3_15+15_20+20_L+L_TID6_1_#1

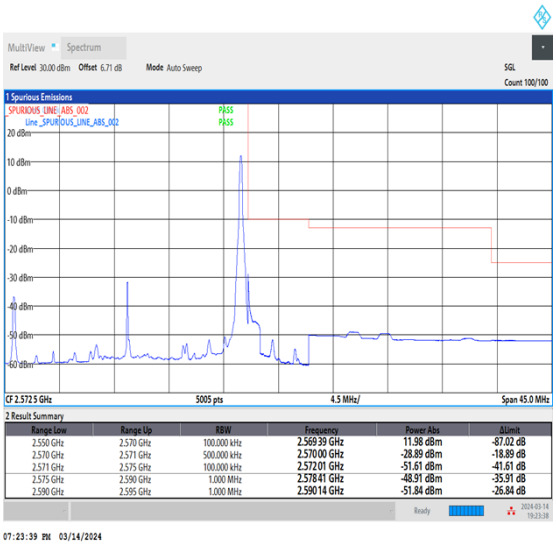
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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



NTNV_CA_n7B_PC3_15+15_10+10_H+H_TID2_1_#1



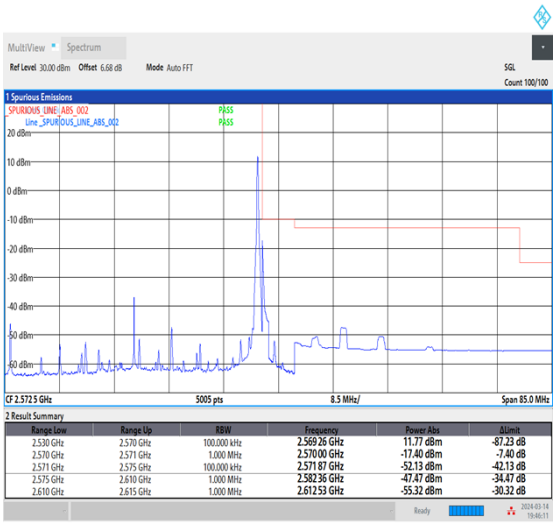
NTNV_CA_n7B_PC3_15+15_10+10_H+H_TID3_1_#1



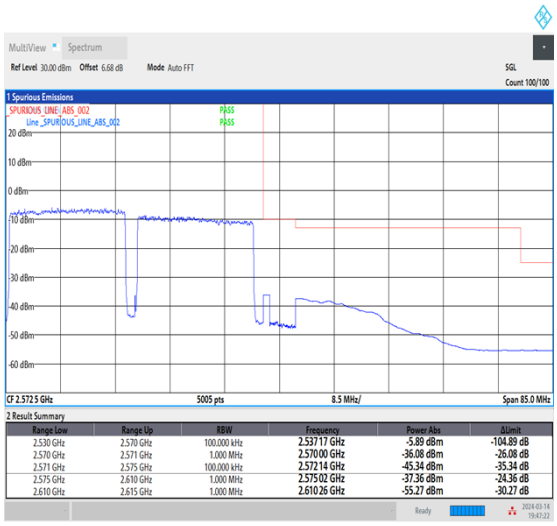
NTNV_CA_n7B_PC3_15+15_10+10_H+H_TID5_1_#1

NTNV_CA_n7B_PC3_15+15_10+10_H+H_TID6_1_#1

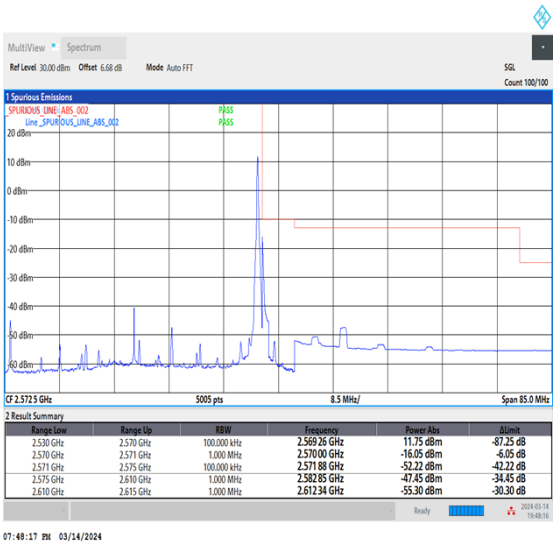
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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



NTNV_CA_n7B_PC3_15+15_20+20_H+H_TID2_1_#1



NTNV_CA_n7B_PC3_15+15_20+20_H+H_TID3_1_#1



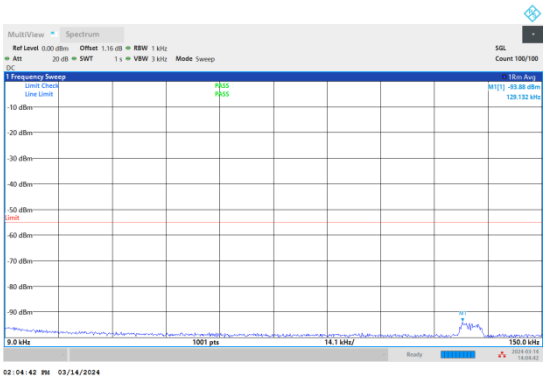
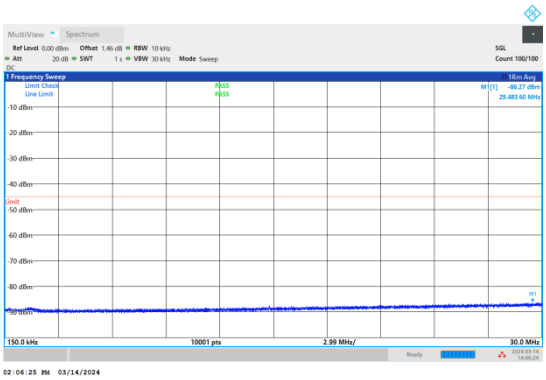
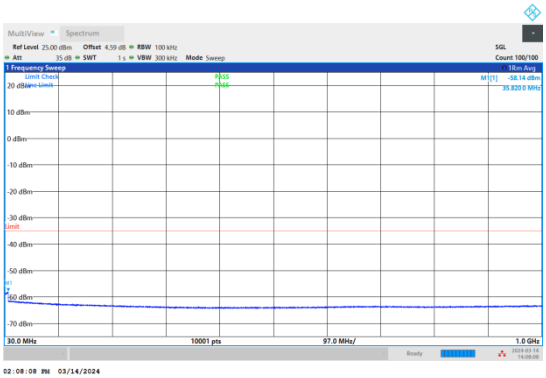
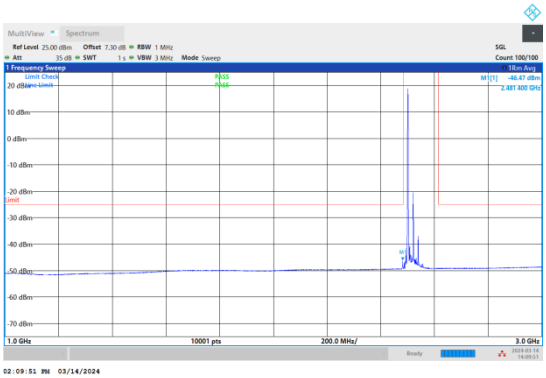
NTNV_CA_n7B_PC3_15+15_20+20_H+H_TID5_1_#1

NTNV_CA_n7B_PC3_15+15_20+20_H+H_TID6_1_#1

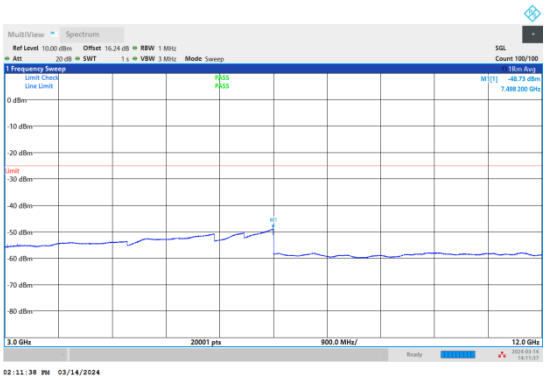
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Conducted Spurious Emission for SA ULCA

Test Graphs

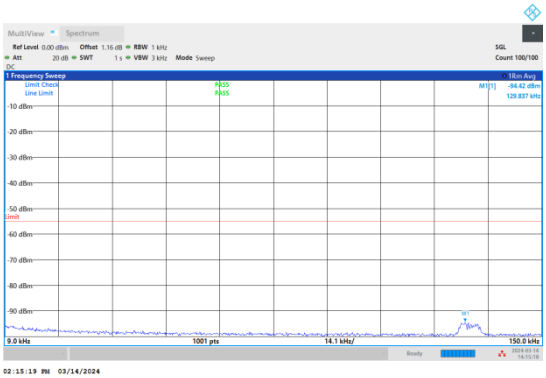
	
NTNV_CA_n7B_PC3_15+15_20+20_L+L_TID2_NS_01_#1	NTNV_CA_n7B_PC3_15+15_20+20_L+L_TID2_NS_01_#1
	
NTNV_CA_n7B_PC3_15+15_20+20_L+L_TID2_NS_01_#1	NTNV_CA_n7B_PC3_15+15_20+20_L+L_TID2_NS_01_#1

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



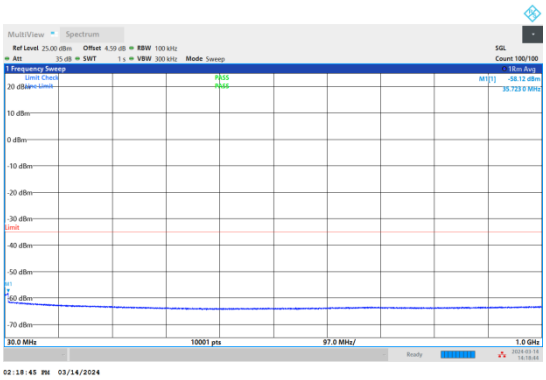
NTNV_CA_n7B_PC3_15+15_20+20_L+L_TID2_NS_01_#1

NTNV_CA_n7B_PC3_15+15_20+20_L+L_TID2_NS_01_#1

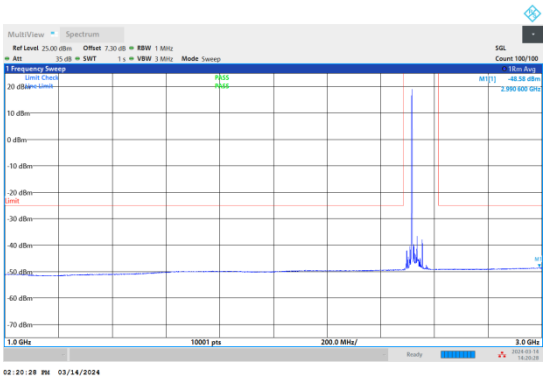


NTNV_CA_n7B_PC3_15+15_20+20_M+M_TID2_NS_01_#1

NTNV_CA_n7B_PC3_15+15_20+20_M+M_TID2_NS_01_#1



NTNV_CA_n7B_PC3_15+15_20+20_M+M_TID2_NS_01_#1



NTNV_CA_n7B_PC3_15+15_20+20_M+M_TID2_NS_01_#1

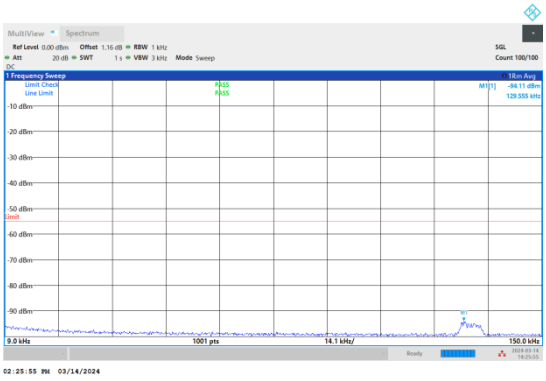
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

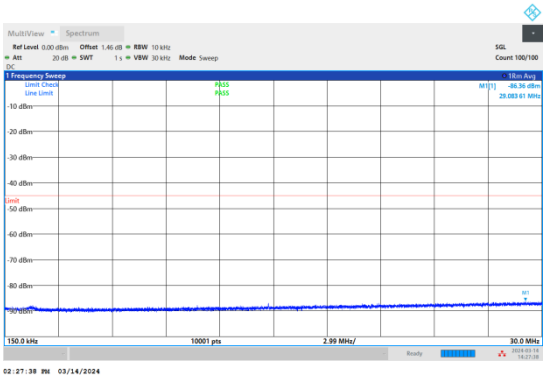
Member of the SGS Group (SGS SA)

NTNV_CA_n7B_PC3_15+15_20+20_M+M_TID2_NS_01_#1

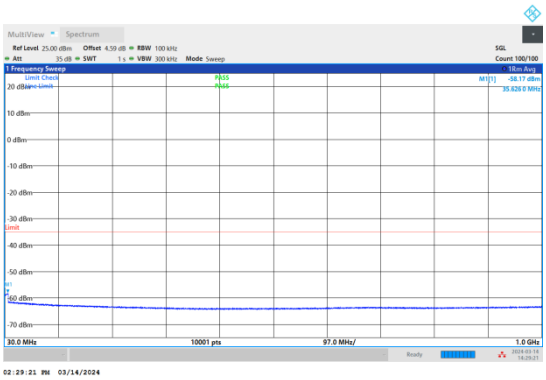
NTNV_CA_n7B_PC3_15+15_20+20_M+M_TID2_NS_01_#1



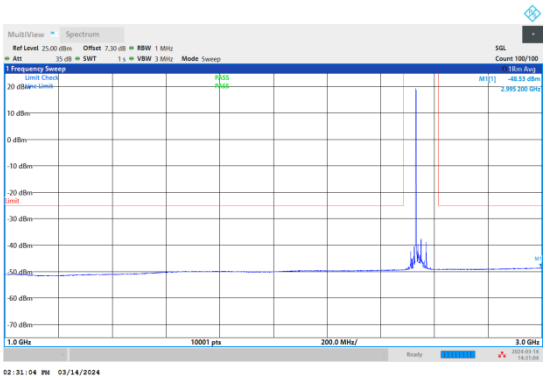
NTNV_CA_n7B_PC3_15+15_20+20_H+H_TID2_NS_01_#1



NTNV_CA_n7B_PC3_15+15_20+20_H+H_TID2_NS_01_#1



NTNV_CA_n7B_PC3_15+15_20+20_H+H_TID2_NS_01_#1



NTNV_CA_n7B_PC3_15+15_20+20_H+H_TID2_NS_01_#1

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

NTNV_CA_n7B_PC3_15+15_20+20_H+H_TID2_NS_01_#1	NTNV_CA_n7B_PC3_15+15_20+20_H+H_TID2_NS_01_#1

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

检验检测专用章 Inspection & Testing Services

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

Member of the SGS Group (SGS SA)

Field Strength of Spurious Radiation

Test Band = NR CA n7B_ TM1
Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3985.5	45.40	-48.20	29.38	-68.68	-25.00	43.68	Horizontal
2	6344.5	44.61	-47.15	33.97	-63.83	-25.00	38.83	Horizontal
3	8350	42.22	-44.33	36.69	-60.68	-25.00	35.68	Horizontal
4	10282.5	39.20	-41.32	38.75	-58.63	-25.00	33.63	Horizontal
5	12110	38.35	-39.65	39.13	-57.43	-25.00	32.43	Horizontal
6	15209.5	35.66	-36.76	39.70	-56.66	-25.00	31.66	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3947.5	45.21	-48.24	29.33	-68.96	-25.00	43.96	Vertical
2	5264.5	45.19	-47.82	32.13	-65.75	-25.00	40.75	Vertical
3	7677.5	43.25	-45.07	36.59	-60.49	-25.00	35.49	Vertical
4	9239	42.16	-43.28	37.82	-58.57	-25.00	33.57	Vertical
5	10871.5	38.61	-40.21	39.28	-57.58	-25.00	32.58	Vertical
6	14753	36.65	-36.77	40.30	-55.08	-25.00	30.08	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, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.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
Member of the SGS Group (SGS SA)

Test Band = NR CA n7B_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3592.5	45.70	-48.28	28.83	-69.01	-25.00	44.01	Horizontal
2	5310.5	44.98	-47.77	32.25	-65.81	-25.00	40.81	Horizontal
3	7786.5	43.39	-44.95	36.46	-60.36	-25.00	35.36	Horizontal
4	9292.5	42.17	-42.93	37.86	-58.16	-25.00	33.16	Horizontal
5	11404	38.46	-40.08	39.32	-57.56	-25.00	32.56	Horizontal
6	14392.5	36.89	-38.57	40.59	-56.35	-25.00	31.35	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3291	46.02	-48.04	28.62	-68.67	-25.00	43.67	Vertical
2	5108.5	44.01	-47.83	31.76	-67.32	-25.00	42.32	Vertical
3	6653.5	44.52	-46.78	34.84	-62.68	-25.00	37.68	Vertical
4	7662	43.18	-44.97	36.61	-60.44	-25.00	35.44	Vertical
5	10570	38.90	-41.07	39.01	-58.42	-25.00	33.42	Vertical
6	14107.5	36.79	-38.44	40.81	-56.09	-25.00	31.09	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, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Member of the SGS Group (SGS SA)

Test Band = NR CA n7B_ TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3552	45.20	-48.28	28.77	-69.57	-25.00	44.57	Horizontal
2	4660	45.47	-47.98	30.68	-67.08	-25.00	42.08	Horizontal
3	6309.5	44.08	-47.28	33.85	-64.61	-25.00	39.61	Horizontal
4	8746	42.05	-44.06	37.24	-60.03	-25.00	35.03	Horizontal
5	11384.5	38.41	-40.14	39.32	-57.67	-25.00	32.67	Horizontal
6	14828.5	36.39	-37.00	40.24	-55.63	-25.00	30.63	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3789	45.54	-48.22	29.10	-68.83	-25.00	43.83	Vertical
2	5617.5	44.82	-47.66	32.72	-65.38	-25.00	40.38	Vertical
3	7224.5	43.55	-46.19	36.14	-61.76	-25.00	36.76	Vertical
4	9281.5	41.54	-43.00	37.85	-58.87	-25.00	33.87	Vertical
5	11987	38.03	-39.49	39.20	-57.52	-25.00	32.52	Vertical
6	14733	36.43	-36.74	40.31	-55.25	-25.00	30.25	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

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

Frequency Stability for SA ULCA

Test Result

Frequency Error VS. Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7B	15	20+20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-4.300000	-0.005935	PASS
N7B	15	20+20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-3.700000	-0.005099	PASS
N7B	15	20+20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-4.900000	-0.006896	PASS
N7B	15	20+20	CP-QPSK	M	Outer_Full	VH	NT	-7.800000	-0.009640	PASS
N7B	15	20+20	CP-QPSK	M	Outer_Full	VN	NT	-5.900000	-0.008444	PASS
N7B	15	20+20	CP-QPSK	M	Outer_Full	VL	NT	-5.000000	-0.006889	PASS

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

Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7B	15	20+20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-4.600000	-0.005927	PASS
N7B	15	20+20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-3.800000	-0.005105	PASS
N7B	15	20+20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-5.000000	-0.006904	PASS
N7B	15	20+20	DFT-PI2BPSK	M	Outer_Full	NV	0	-7.900000	-0.009633	PASS
N7B	15	20+20	DFT-PI2BPSK	M	Outer_Full	NV	10	-5.900000	-0.008443	PASS
N7B	15	20+20	DFT-PI2BPSK	M	Outer_Full	NV	20	-5.200000	-0.006888	PASS
N7B	15	20+20	DFT-PI2BPSK	M	Outer_Full	NV	30	0.100000	0.000030	PASS
N7B	15	20+20	DFT-PI2BPSK	M	Outer_Full	NV	40	0.300000	0.000016	PASS
N7B	15	20+20	DFT-PI2BPSK	M	Outer_Full	NV	50	3.000000	0.001046	PASS
N7B	15	20+20	CP-QPSK	M	Outer_Full	NV	-30	-3.600000	-0.001467	PASS
N7B	15	20+20	CP-QPSK	M	Outer_Full	NV	-20	-5.400000	-0.002191	PASS
N7B	15	20+20	CP-QPSK	M	Outer_Full	NV	-10	-5.400000	-0.002303	PASS
N7B	15	20+20	CP-QPSK	M	Outer_Full	NV	0	-3.800000	-0.001624	PASS
N7B	15	20+20	CP-QPSK	M	Outer_Full	NV	10	-4.800000	-0.002033	PASS
N7B	15	20+20	CP-QPSK	M	Outer_Full	NV	20	-2.900000	-0.001169	PASS
N7B	15	20+20	CP-QPSK	M	Outer_Full	NV	30	-2.100000	-	PASS

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

									0.001050	
N7B	15	20+20	CP-QPSK	M	Outer_Full	NV	40	-3.300000	-0.001486	PASS
N7B	15	20+20	CP-QPSK	M	Outer_Full	NV	50	-1.100000	-0.000502	PASS

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

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

Member of the SGS Group (SGS SA)