



Appendix B.50

NR Band n48



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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



Effective (Isotropic) Radiated Power Output Data

Test Result

ANT2

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dBm/10MHz)	EIRP (dBm/10MHz)	Limit (dBm/10MHz)	Verdict
N48	30	10	DFT-QPSK	L	Inner_1RB_Left	21.04	22.04	23.00	PASS
N48	30	10	DFT-16QAM	L	Inner_1RB_Left	20.12	21.12	23.00	PASS
N48	30	10	DFT-QPSK	M	Inner_1RB_Left	21.28	22.28	23.00	PASS
N48	30	10	DFT-16QAM	M	Inner_1RB_Left	20.37	21.37	23.00	PASS
N48	30	10	DFT-QPSK	H	Inner_1RB_Left	21.11	22.11	23.00	PASS
N48	30	10	DFT-16QAM	H	Inner_1RB_Left	20.2	21.2	23.00	PASS
N48	30	20	DFT-QPSK	L	Inner_1RB_Left	21.35	22.35	23.00	PASS
N48	30	20	DFT-16QAM	L	Inner_1RB_Left	20.38	21.38	23.00	PASS
N48	30	20	DFT-QPSK	M	Inner_1RB_Left	21.4	22.4	23.00	PASS
N48	30	20	DFT-16QAM	M	Inner_1RB_Left	20.45	21.45	23.00	PASS
N48	30	20	DFT-QPSK	H	Inner_1RB_Left	21.28	22.28	23.00	PASS
N48	30	20	DFT-16QAM	H	Inner_1RB_Left	20.33	21.33	23.00	PASS
N48	30	30	DFT-QPSK	L	Inner_1RB_Left	21.28	22.28	23.00	PASS
N48	30	30	DFT-16QAM	L	Inner_1RB_Left	20.37	21.37	23.00	PASS
N48	30	30	DFT-QPSK	M	Inner_1RB_Left	21.61	22.61	23.00	PASS
N48	30	30	DFT-16QAM	M	Inner_1RB_Left	20.63	21.63	23.00	PASS
N48	30	30	DFT-QPSK	H	Inner_1RB_Left	21.23	22.23	23.00	PASS
N48	30	30	DFT-16QAM	H	Inner_1RB_Left	20.33	21.33	23.00	PASS
N48	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	21.31	22.31	23.00	PASS
N48	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	21.49	22.49	23.00	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

SGS-CSTC Standards Technical Services Co., Ltd.
 Shenzhen Branch, Wireless Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



N48	30	40	DFT-PI2BPSK	L	Outer_Full	20.88	21.88	23.00	PASS
N48	30	40	DFT-QPSK	L	Inner_1RB_Left	21.28	22.28	23.00	PASS
N48	30	40	DFT-QPSK	L	Inner_1RB_Right	21.39	22.39	23.00	PASS
N48	30	40	DFT-QPSK	L	Outer_Full	20.27	21.27	23.00	PASS
N48	30	40	DFT-16QAM	L	Inner_1RB_Left	20.2	21.2	23.00	PASS
N48	30	40	DFT-16QAM	L	Inner_1RB_Right	20.48	21.48	23.00	PASS
N48	30	40	DFT-16QAM	L	Outer_Full	19.74	20.74	23.00	PASS
N48	30	40	DFT-64QAM	L	Inner_1RB_Left	19.13	20.13	23.00	PASS
N48	30	40	DFT-64QAM	L	Inner_1RB_Right	19.21	20.21	23.00	PASS
N48	30	40	DFT-64QAM	L	Outer_Full	18.56	19.56	23.00	PASS
N48	30	40	DFT-256QAM	L	Inner_1RB_Left	16.7	17.7	23.00	PASS
N48	30	40	DFT-256QAM	L	Inner_1RB_Right	16.85	17.85	23.00	PASS
N48	30	40	DFT-256QAM	L	Outer_Full	16.73	17.73	23.00	PASS
N48	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	21.67	22.67	23.00	PASS
N48	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	21.36	22.36	23.00	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	20.86	21.86	23.00	PASS
N48	30	40	DFT-QPSK	M	Inner_1RB_Left	21.62	22.62	23.00	PASS
N48	30	40	DFT-QPSK	M	Inner_1RB_Right	21.4	22.4	23.00	PASS
N48	30	40	DFT-QPSK	M	Outer_Full	20.37	21.37	23.00	PASS
N48	30	40	DFT-16QAM	M	Inner_1RB_Left	20.66	21.66	23.00	PASS
N48	30	40	DFT-16QAM	M	Inner_1RB_Right	20.43	21.43	23.00	PASS
N48	30	40	DFT-16QAM	M	Outer_Full	19.31	20.31	23.00	PASS
N48	30	40	DFT-64QAM	M	Inner_1RB_Left	19.1	20.1	23.00	PASS
N48	30	40	DFT-64QAM	M	Inner_1RB_Right	18.82	19.82	23.00	PASS
N48	30	40	DFT-64QAM	M	Outer_Full	18.87	19.87	23.00	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

SGS-CSTC Standards Technical Services Co., Ltd.
 Shenzhen Branch, Inspection & Testing Services

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



N48	30	40	DFT-256QAM	M	Inner_1RB_Left	17	18	23.00	PASS
N48	30	40	DFT-256QAM	M	Inner_1RB_Right	16.68	17.68	23.00	PASS
N48	30	40	DFT-256QAM	M	Outer_Full	16.85	17.85	23.00	PASS
N48	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	21.38	22.38	23.00	PASS
N48	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	21.4	22.4	23.00	PASS
N48	30	40	DFT-PI2BPSK	H	Outer_Full	20.79	21.79	23.00	PASS
N48	30	40	DFT-QPSK	H	Inner_1RB_Left	21.4	22.4	23.00	PASS
N48	30	40	DFT-QPSK	H	Inner_1RB_Right	21.42	22.42	23.00	PASS
N48	30	40	DFT-QPSK	H	Outer_Full	20.32	21.32	23.00	PASS
N48	30	40	DFT-16QAM	H	Inner_1RB_Left	20.39	21.39	23.00	PASS
N48	30	40	DFT-16QAM	H	Inner_1RB_Right	20.42	21.42	23.00	PASS
N48	30	40	DFT-16QAM	H	Outer_Full	19.31	20.31	23.00	PASS
N48	30	40	DFT-64QAM	H	Inner_1RB_Left	18.89	19.89	23.00	PASS
N48	30	40	DFT-64QAM	H	Inner_1RB_Right	18.99	19.99	23.00	PASS
N48	30	40	DFT-64QAM	H	Outer_Full	18.85	19.85	23.00	PASS
N48	30	40	DFT-256QAM	H	Inner_1RB_Left	16.69	17.69	23.00	PASS
N48	30	40	DFT-256QAM	H	Inner_1RB_Right	16.74	17.74	23.00	PASS
N48	30	40	DFT-256QAM	H	Outer_Full	16.8	17.8	23.00	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

SGS-CSTC Standards Technical Services Co., Ltd.
 Shenzhen Branch, Shenzhen Wireless Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Test Result for MIMO

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant2	Power Ant0	Total Power (dBm/10MHz)	EIRP (dBm/10MHz)	Verdict
N48	30	10	CP-QPSK	L	Inner_1RB_Left	16.7	15.34	19.08	20.08	PASS
N48	30	10	CP-16QAM	L	Inner_1RB_Left	16.45	14.84	18.73	19.73	PASS
N48	30	10	CP-QPSK	M	Inner_1RB_Left	16.83	15.89	19.4	20.4	PASS
N48	30	10	CP-16QAM	M	Inner_1RB_Left	16.45	15.23	18.89	19.89	PASS
N48	30	10	CP-QPSK	H	Inner_1RB_Left	16.67	15.18	19	20	PASS
N48	30	10	CP-16QAM	H	Inner_1RB_Left	16.44	14.74	18.68	19.68	PASS
N48	30	20	CP-QPSK	L	Inner_1RB_Left	16.9	15.51	19.27	20.27	PASS
N48	30	20	CP-16QAM	L	Inner_1RB_Left	16.62	14.99	18.89	19.89	PASS
N48	30	20	CP-QPSK	M	Inner_1RB_Left	17.01	15.67	19.4	20.4	PASS
N48	30	20	CP-16QAM	M	Inner_1RB_Left	16.69	15.17	19.01	20.01	PASS
N48	30	20	CP-QPSK	H	Inner_1RB_Left	16.88	15.81	19.39	20.39	PASS
N48	30	20	CP-16QAM	H	Inner_1RB_Left	16.31	15.29	18.84	19.84	PASS
N48	30	30	CP-QPSK	L	Inner_1RB_Left	16.87	15.58	19.28	20.28	PASS
N48	30	30	CP-16QAM	L	Inner_1RB_Left	16.63	15.11	18.95	19.95	PASS
N48	30	30	CP-QPSK	M	Inner_1RB_Left	17.13	15.55	19.42	20.42	PASS
N48	30	30	CP-16QAM	M	Inner_1RB_Left	16.82	15.05	19.03	20.03	PASS
N48	30	30	CP-QPSK	H	Inner_1RB_Left	16.87	15.95	19.44	20.44	PASS
N48	30	30	CP-16QAM	H	Inner_1RB_Left	16.58	15.46	19.07	20.07	PASS
N48	30	40	CP-QPSK	L	Inner_1RB_Left	16.89	15.5	19.26	20.26	PASS
N48	30	40	CP-QPSK	L	Inner_1RB_Right	17.18	15.98	19.63	20.63	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

SGS-CSTC Standards Technical Services Co., Ltd.
 Shenzhen Branch, Wireless Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



N48	30	40	CP-QPSK	L	Outer_Full	13.99	12.73	16.42	17.42	PASS
N48	30	40	CP-16QAM	L	Inner_1RB_Left	16.67	14.91	18.89	19.89	PASS
N48	30	40	CP-16QAM	L	Inner_1RB_Right	16.72	15.42	19.13	20.13	PASS
N48	30	40	CP-16QAM	L	Outer_Full	14.03	12.75	16.45	17.45	PASS
N48	30	40	CP-64QAM	L	Inner_1RB_Left	15.14	13.36	17.35	18.35	PASS
N48	30	40	CP-64QAM	L	Inner_1RB_Right	15.17	13.92	17.6	18.6	PASS
N48	30	40	CP-64QAM	L	Outer_Full	13.01	11.78	15.45	16.45	PASS
N48	30	40	CP-256QAM	L	Inner_1RB_Left	13.21	11.54	15.47	16.47	PASS
N48	30	40	CP-256QAM	L	Inner_1RB_Right	13.37	12.04	15.77	16.77	PASS
N48	30	40	CP-256QAM	L	Outer_Full	13.04	11.82	15.48	16.48	PASS
N48	30	40	CP-QPSK	M	Inner_1RB_Left	17.23	15.54	19.48	20.48	PASS
N48	30	40	CP-QPSK	M	Inner_1RB_Right	16.99	15.59	19.36	20.36	PASS
N48	30	40	CP-QPSK	M	Outer_Full	14	12.53	16.34	17.34	PASS
N48	30	40	CP-16QAM	M	Inner_1RB_Left	16.81	14.97	19	20	PASS
N48	30	40	CP-16QAM	M	Inner_1RB_Right	16.39	14.97	18.75	19.75	PASS
N48	30	40	CP-16QAM	M	Outer_Full	13.98	12.49	16.31	17.31	PASS
N48	30	40	CP-64QAM	M	Inner_1RB_Left	15.24	13.45	17.45	18.45	PASS
N48	30	40	CP-64QAM	M	Inner_1RB_Right	14.99	13.5	17.32	18.32	PASS
N48	30	40	CP-64QAM	M	Outer_Full	12.99	11.63	15.37	16.37	PASS
N48	30	40	CP-256QAM	M	Inner_1RB_Left	13.36	11.63	15.59	16.59	PASS
N48	30	40	CP-256QAM	M	Inner_1RB_Right	13.06	11.52	15.37	16.37	PASS
N48	30	40	CP-256QAM	M	Outer_Full	13.02	11.68	15.41	16.41	PASS
N48	30	40	CP-QPSK	H	Inner_1RB_Left	16.87	15.75	19.36	20.36	PASS
N48	30	40	CP-QPSK	H	Inner_1RB_Right	17.11	15.82	19.52	20.52	PASS



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

SGS-CSTC Standards Technical Services Co., Ltd.
 Shenzhen Branch

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



N48	30	40	CP-QPSK	H	Outer_Full	13.93	12.86	16.44	17.44	PASS
N48	30	40	CP-16QAM	H	Inner_1RB_Left	16.67	15.16	18.99	19.99	PASS
N48	30	40	CP-16QAM	H	Inner_1RB_Right	16.6	15.14	18.94	19.94	PASS
N48	30	40	CP-16QAM	H	Outer_Full	13.86	12.81	16.38	17.38	PASS
N48	30	40	CP-64QAM	H	Inner_1RB_Left	15.06	13.63	17.41	18.41	PASS
N48	30	40	CP-64QAM	H	Inner_1RB_Right	15.2	13.75	17.55	18.55	PASS
N48	30	40	CP-64QAM	H	Outer_Full	12.89	11.85	15.41	16.41	PASS
N48	30	40	CP-256QAM	H	Inner_1RB_Left	13.11	11.86	15.54	16.54	PASS
N48	30	40	CP-256QAM	H	Inner_1RB_Right	13.23	11.83	15.6	16.6	PASS
N48	30	40	CP-256QAM	H	Outer_Full	12.96	11.89	15.47	16.47	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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



Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N48	30	30	DFT-256QAM	L	Outer_Full	9.52	≤13	PASS
N48	30	30	CP-256QAM	L	Outer_Full	9.64	≤13	PASS
N48	30	30	DFT-256QAM	M	Outer_Full	9.80	≤13	PASS
N48	30	30	CP-256QAM	M	Outer_Full	9.94	≤13	PASS
N48	30	30	DFT-256QAM	H	Outer_Full	9.26	≤13	PASS
N48	30	30	CP-256QAM	H	Outer_Full	9.90	≤13	PASS



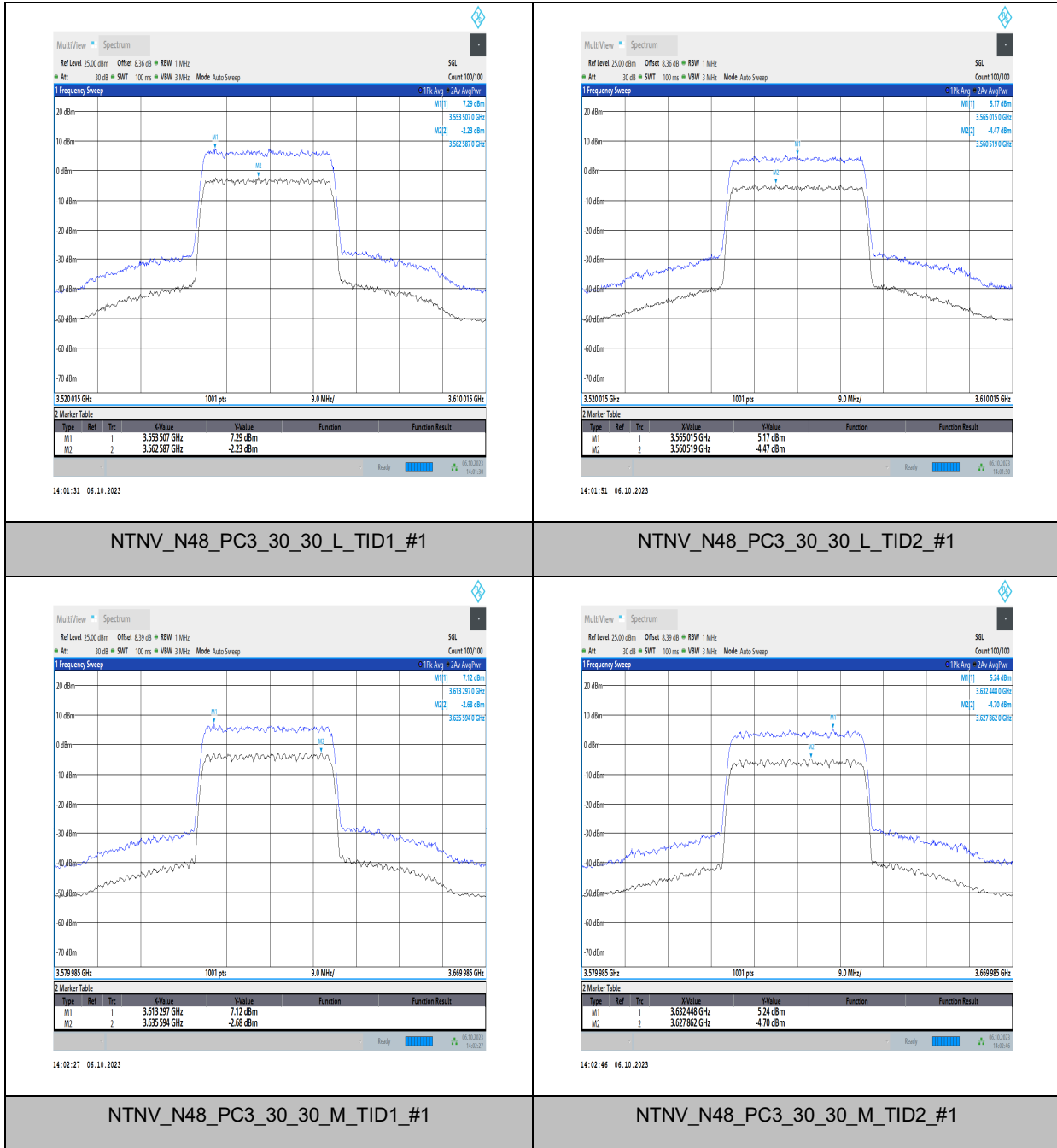
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

SGS-CSTC Standards Technical Services Co., Ltd.
 Shenzhen Branch, Wireless Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com

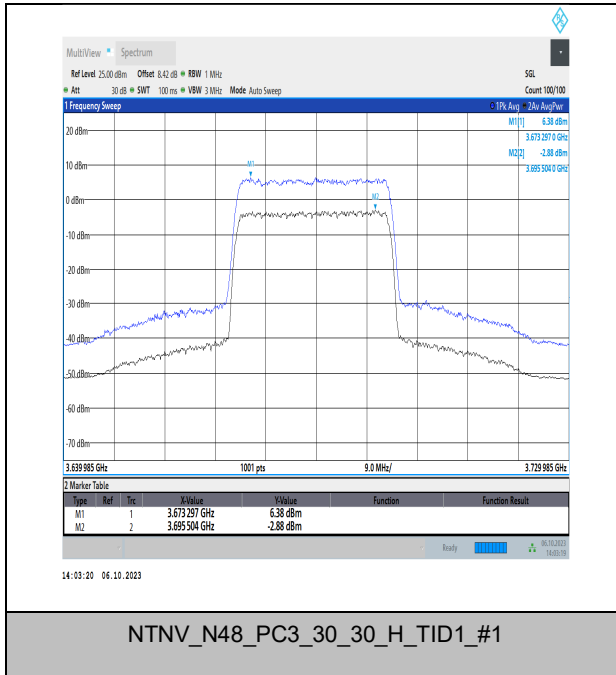
Test Graphs



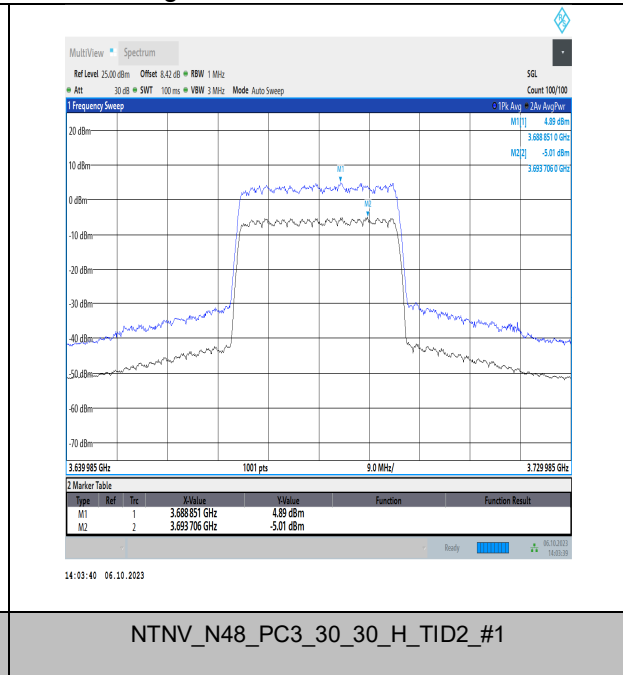
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



NTVN_N48_PC3_30_30_H_TID1_#1



NTVN_N48_PC3_30_30_H_TID2_#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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N48	30	30	DFT-QPSK	M	Outer_Full	26.716	28.200	PASS
N48	30	30	DFT-PI2BPSK	M	Outer_Full	26.754	28.200	PASS
N48	30	30	DFT-16QAM	M	Outer_Full	26.775	27.960	PASS
N48	30	30	DFT-64QAM	M	Outer_Full	26.765	27.900	PASS
N48	30	30	DFT-256QAM	M	Outer_Full	26.926	28.020	PASS
N48	30	30	CP-QPSK	M	Outer_Full	27.864	29.160	PASS
N48	30	30	CP-16QAM	M	Outer_Full	27.773	29.400	PASS
N48	30	30	CP-64QAM	M	Outer_Full	27.75	29.460	PASS
N48	30	30	CP-256QAM	M	Outer_Full	27.883	29.340	PASS



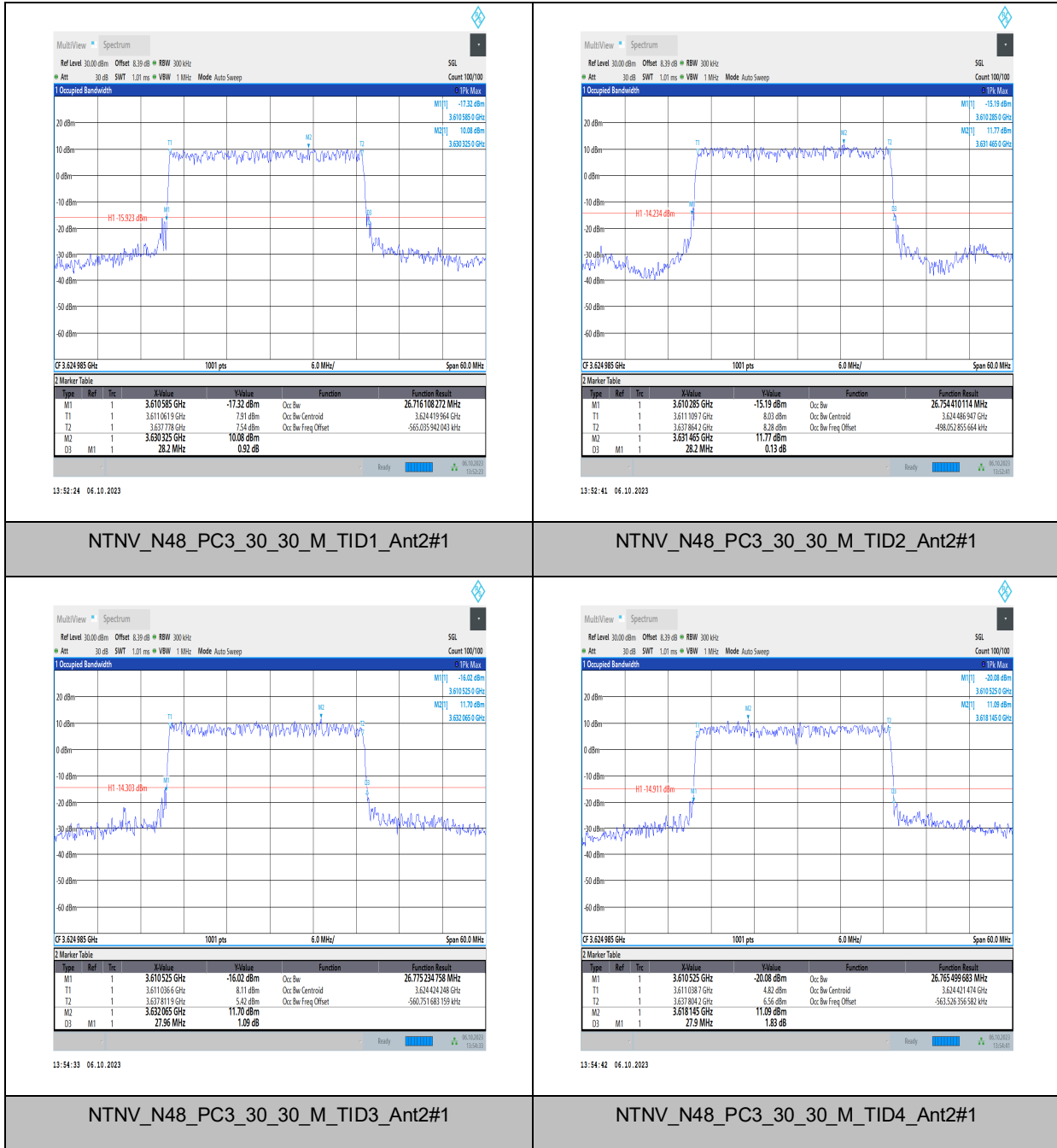
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

SGS-CSTC Standards Technical Services Co., Ltd.
 Shenzhen Branch, Inspection & Testing Services

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com

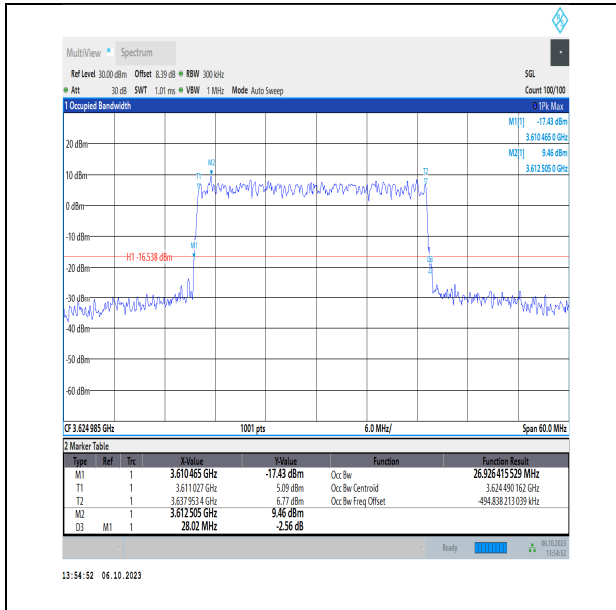
Test Graphs



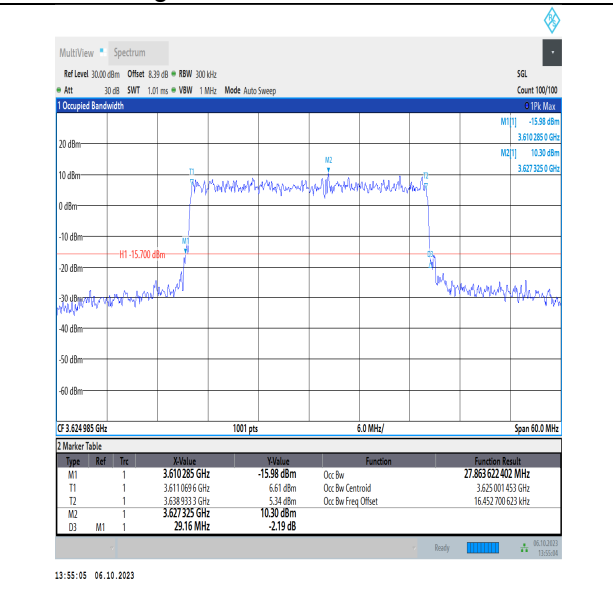
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

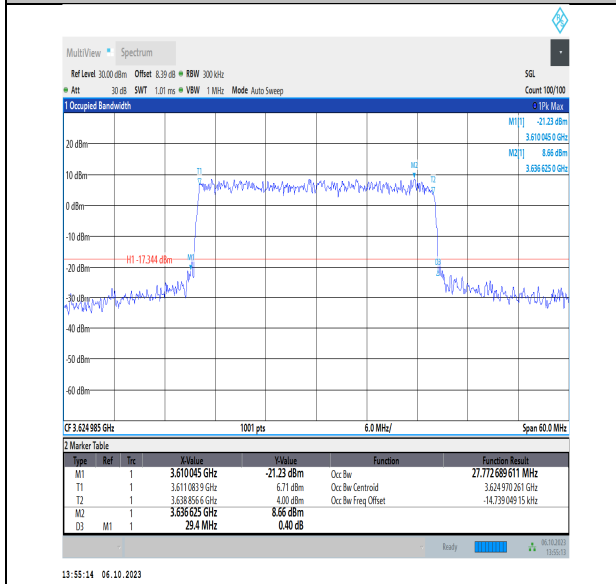
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



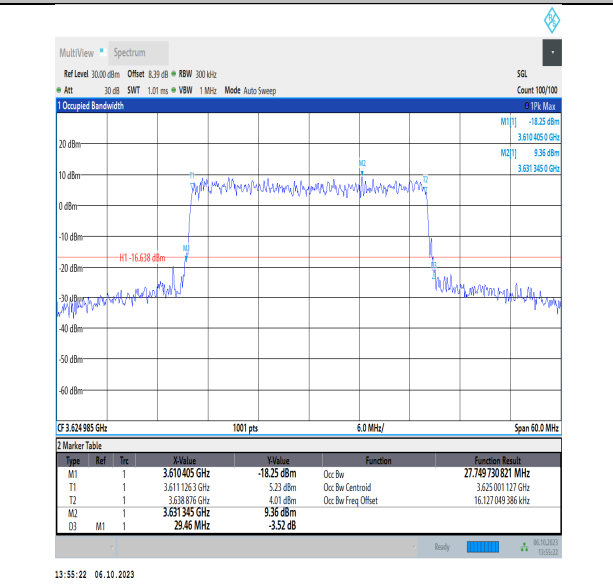
NTNV_N48_PC3_30_30_M_TID5_Ant2#1



NTNV_N48_PC3_30_30_M_TID6_Ant2#1



NTNV_N48_PC3_30_30_M_TID7_Ant2#1



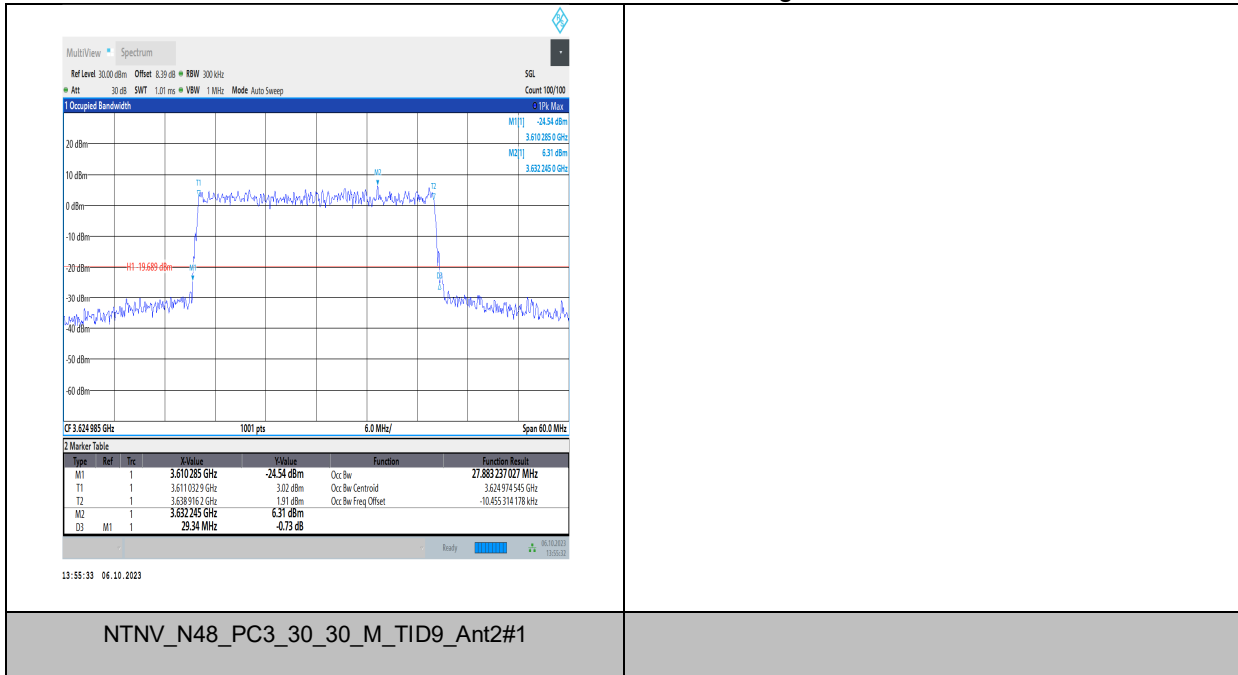
NTNV_N48_PC3_30_30_M_TID8_Ant2#1



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



NTNV_N48_PC3_30_30_M_TID9_Ant2#1



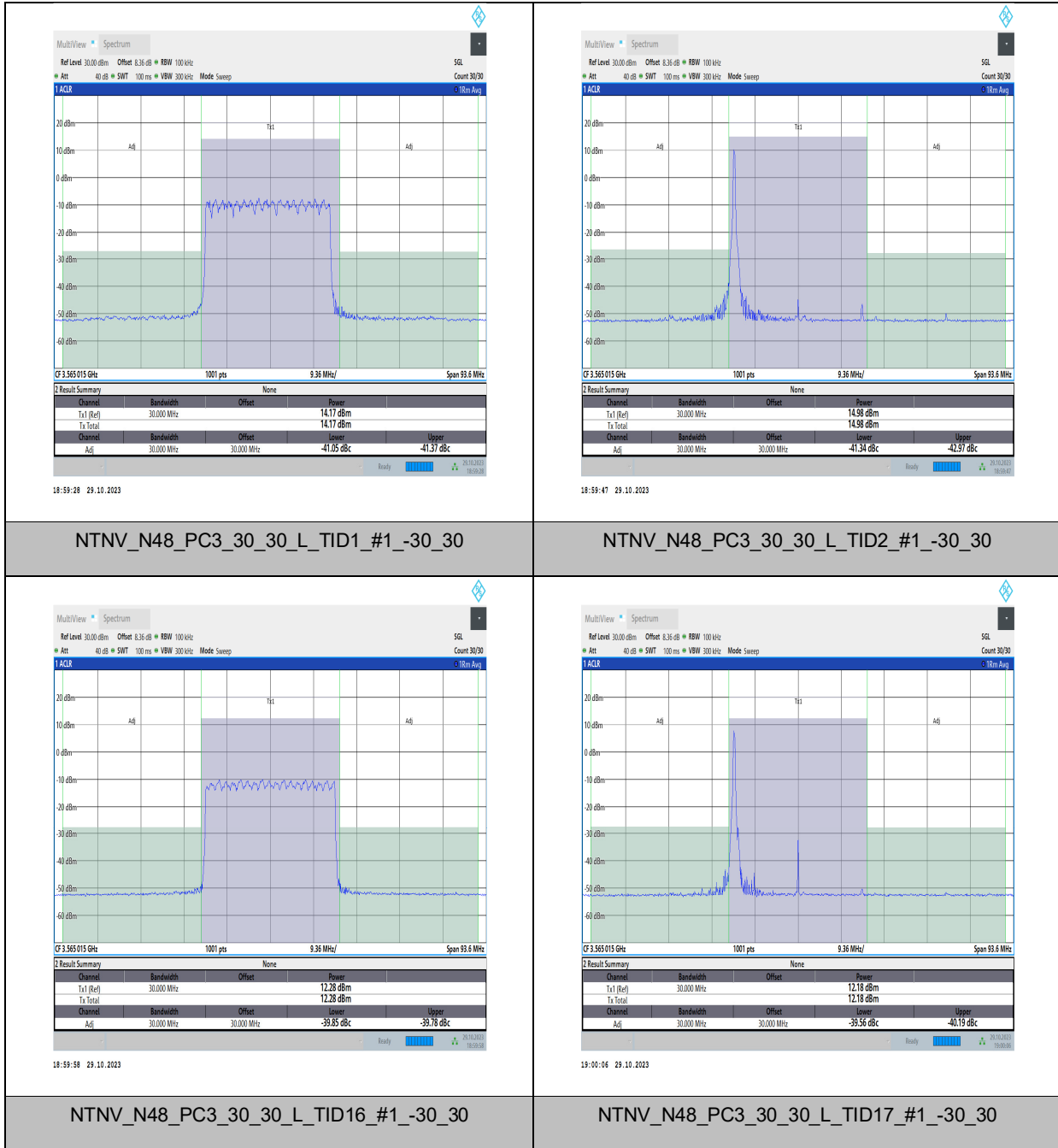
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com

ACLR for SA

Test Graphs



NTNV_N48_PC3_30_30_L_TID1_#1_-30_30

NTNV_N48_PC3_30_30_L_TID2_#1_-30_30

NTNV_N48_PC3_30_30_L_TID16_#1_-30_30

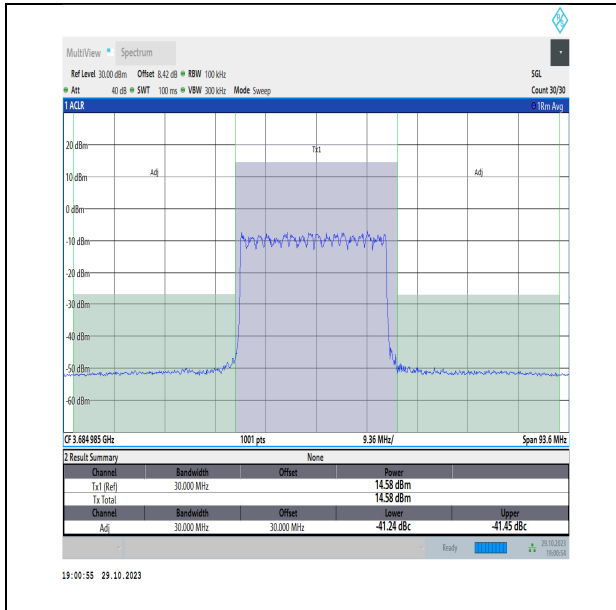
NTNV_N48_PC3_30_30_L_TID17_#1_-30_30



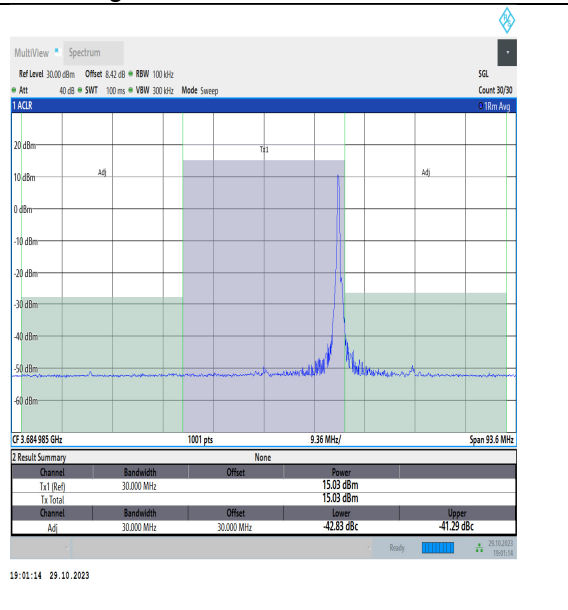
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

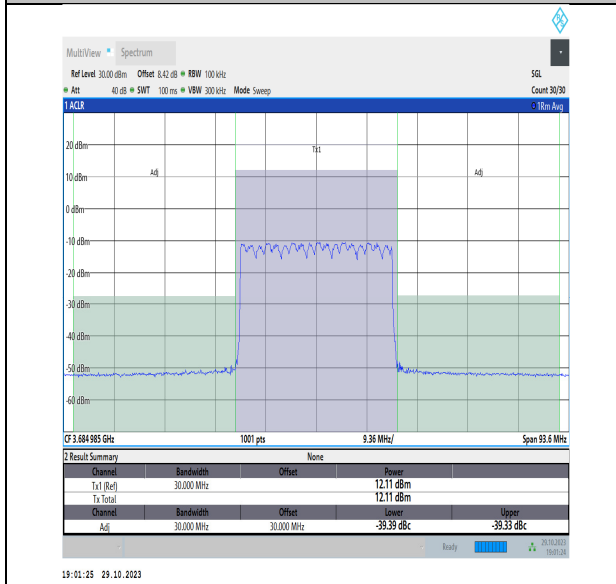
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



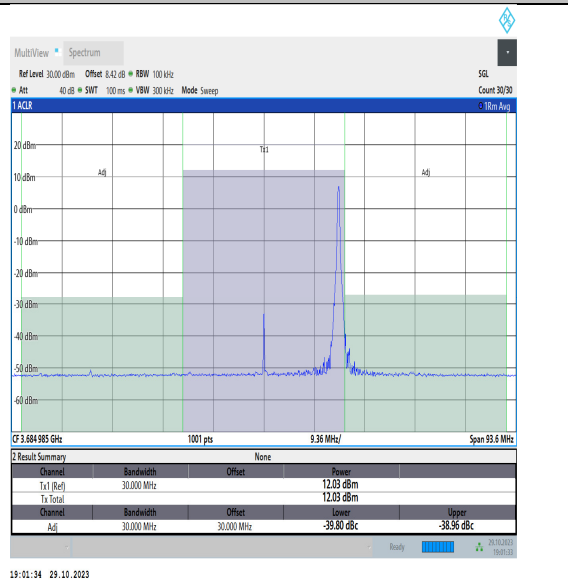
NTNV_N48_PC3_30_30_H_TID1_#1_-30_30



NTNV_N48_PC3_30_30_H_TID3_#1_-30_30



NTNV_N48_PC3_30_30_H_TID16_#1_-30_30



NTNV_N48_PC3_30_30_H_TID18_#1_-30_30



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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.

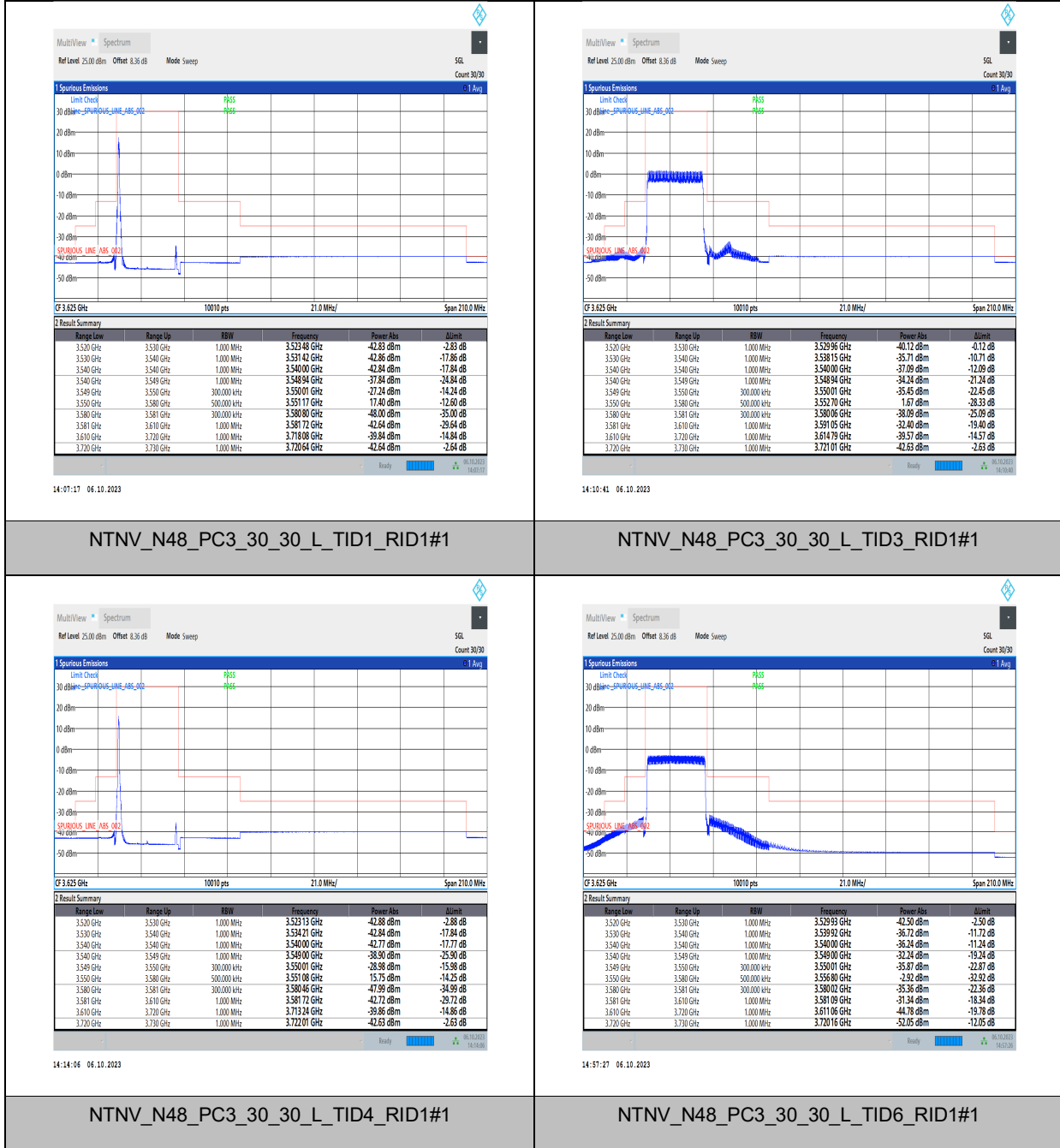
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Band Edge for SA

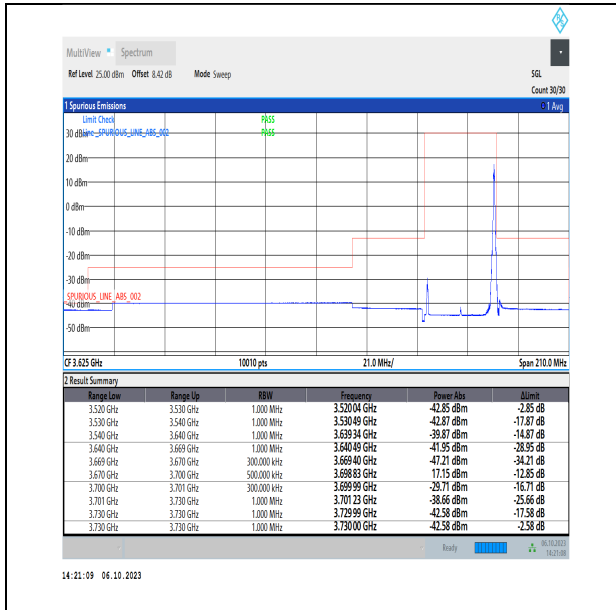
Test Graphs



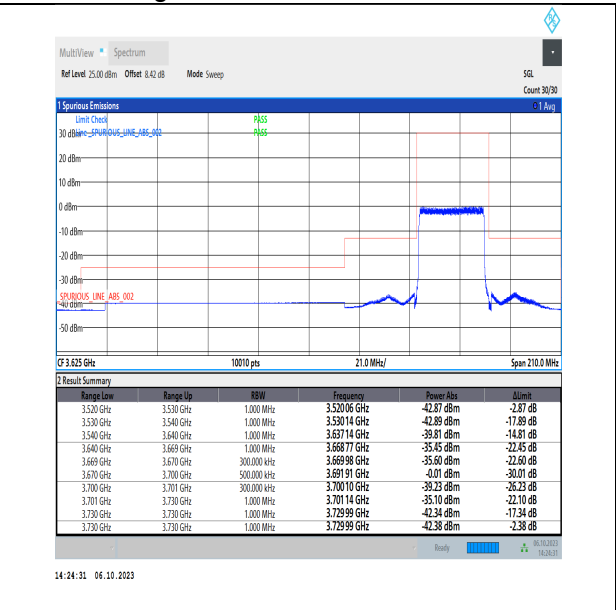
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

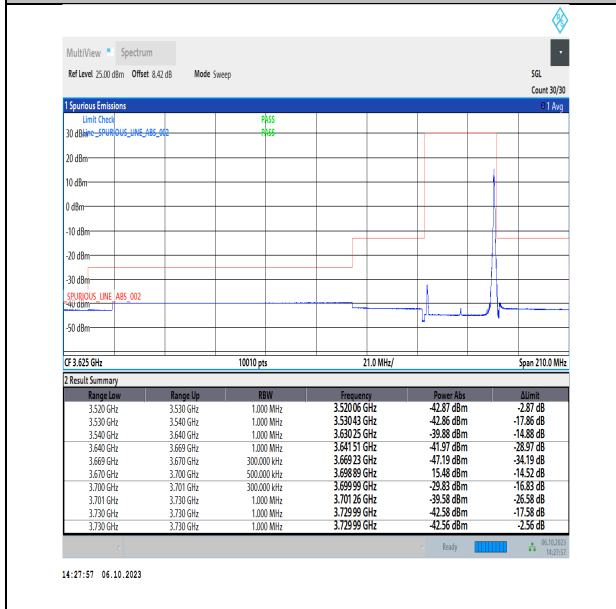
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



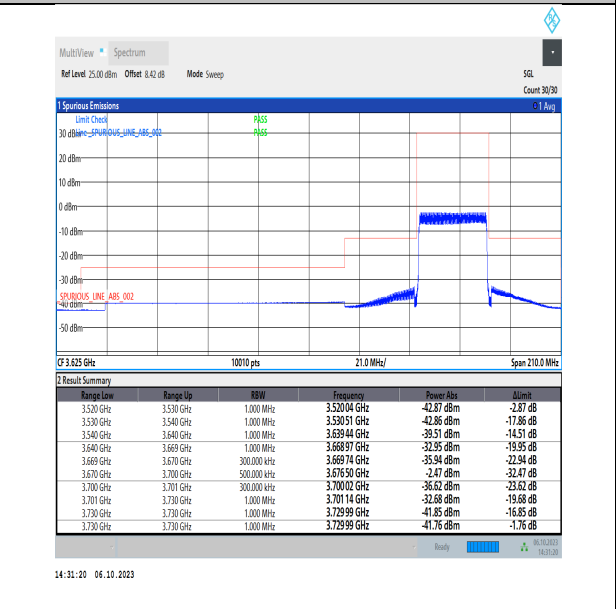
NTNV_N48_PC3_30_30_H_TID2_RID1#1



NTNV_N48_PC3_30_30_H_TID3_RID1#1



NTNV_N48_PC3_30_30_H_TID5_RID1#1



NTNV_N48_PC3_30_30_H_TID6_RID1#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 <https://www.sgs.com/en/Terms-and-Conditions>. 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.

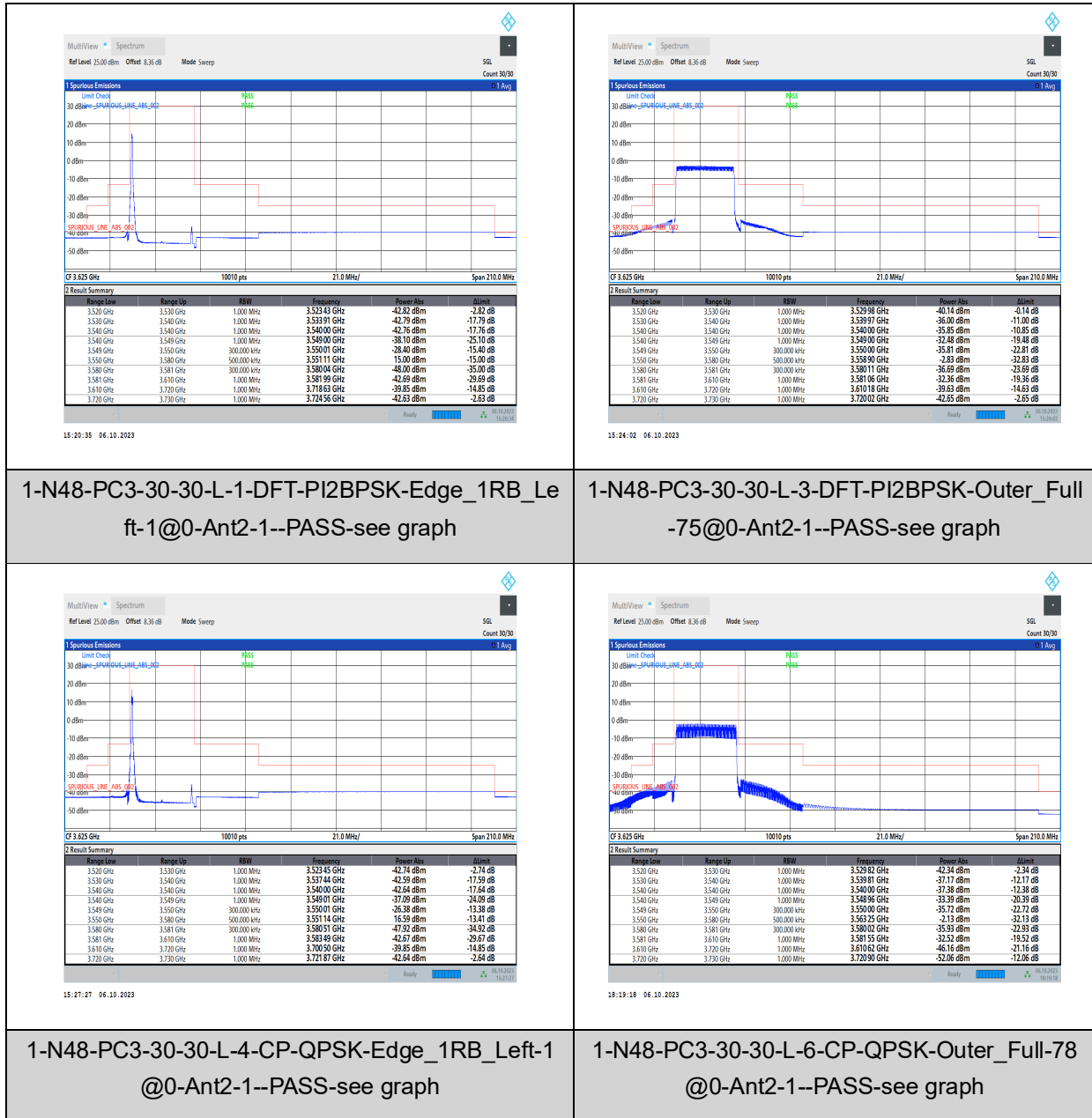
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Band Edge for MIMO ANT2

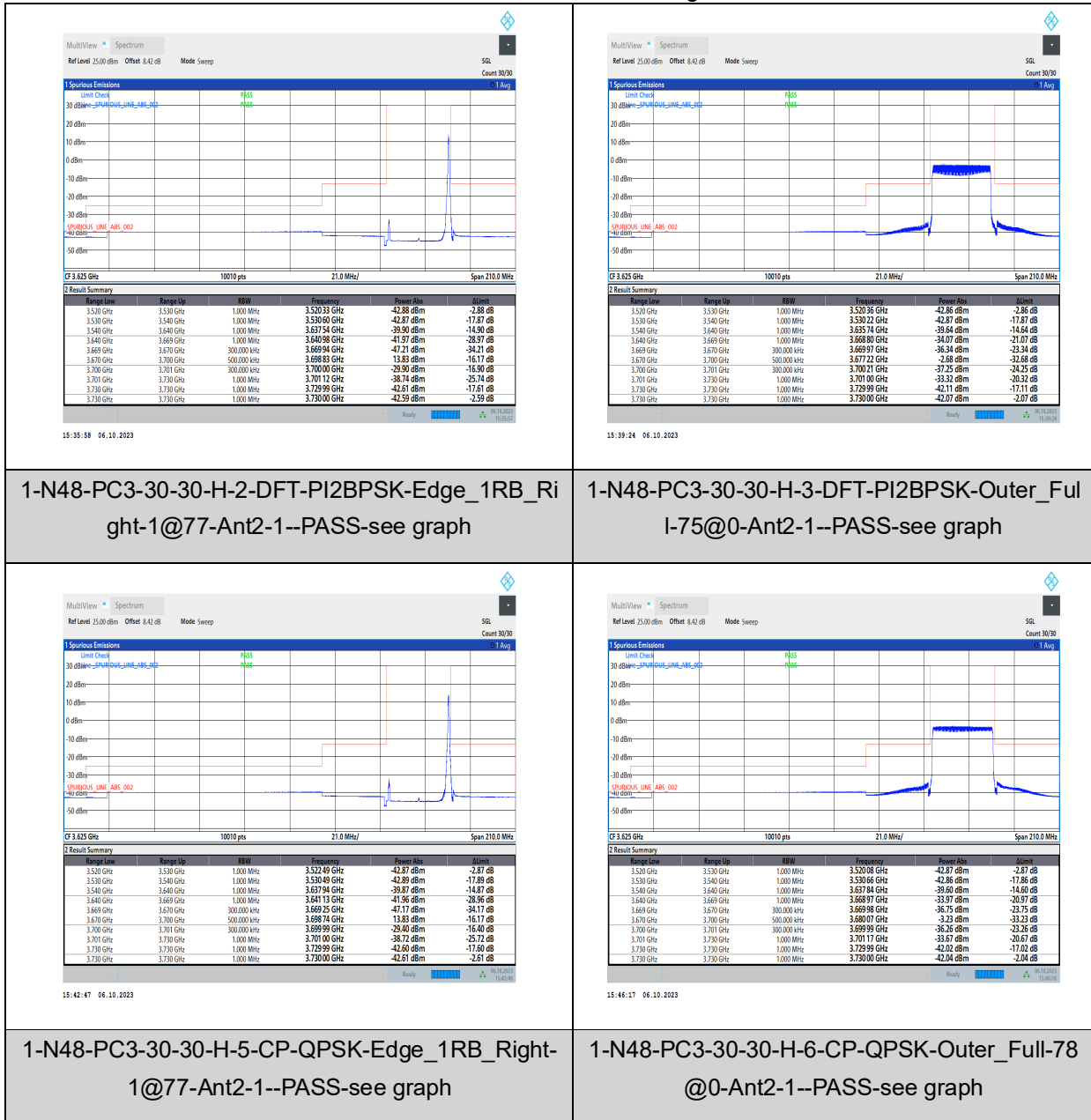
Test Graphs



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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Conducted Spurious Emission for SA

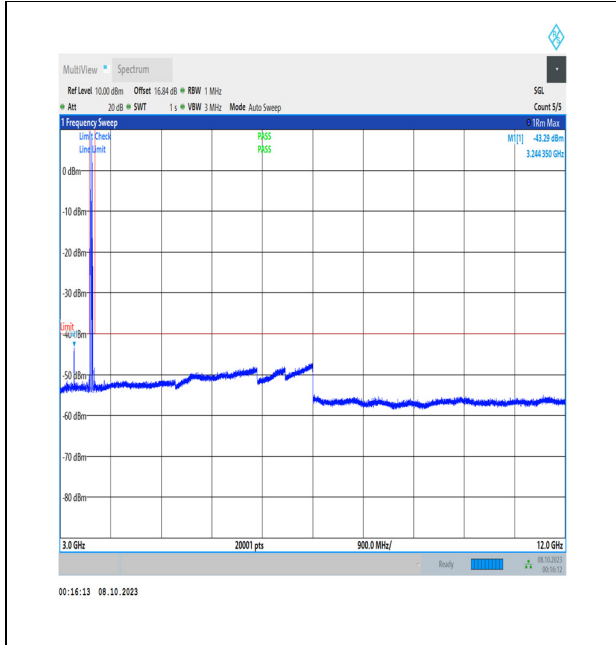
Test Graphs



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

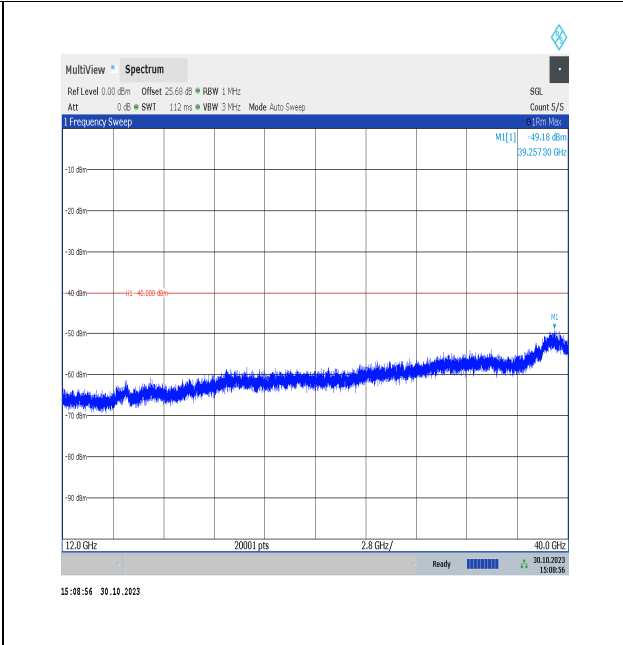
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



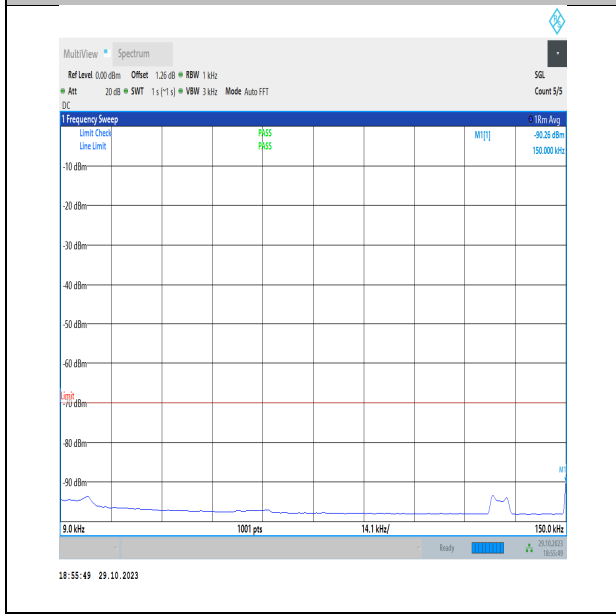
NTNV_N48_PC3_30_30_L_TID1_NS_01_3000_12000_#

1



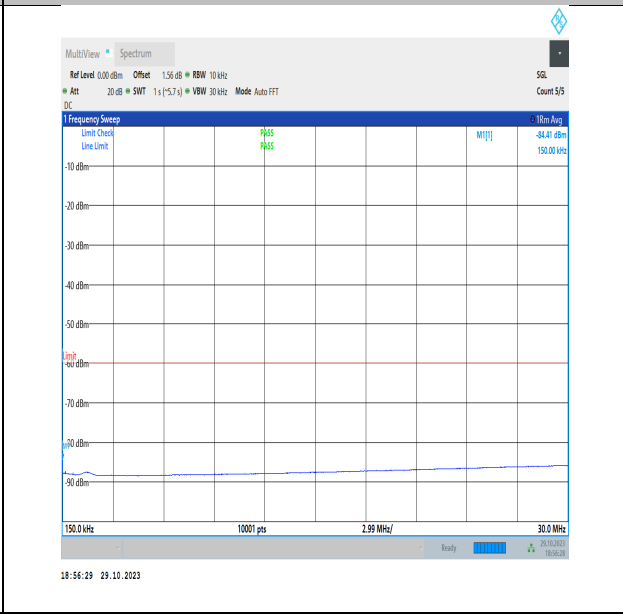
NTNV_N48_PC3_30_30_L_TID1_NS_01_12000_40000_#

1



NTNV_N48_PC3_30_30_M_TID1_NS_01_0.009_0.15_#

1



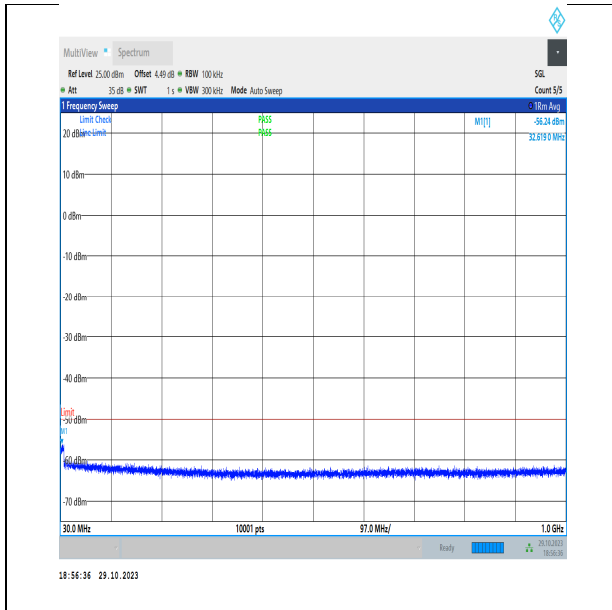
NTNV_N48_PC3_30_30_M_TID1_NS_01_0.15_30_#1



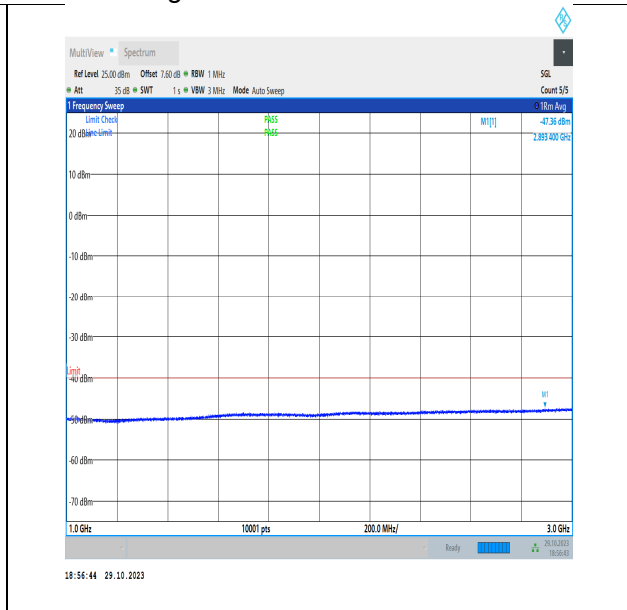
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service posted overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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

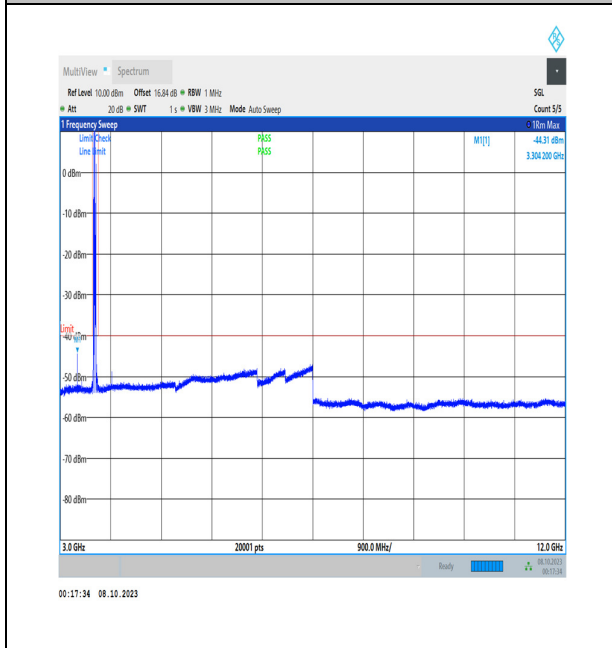
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



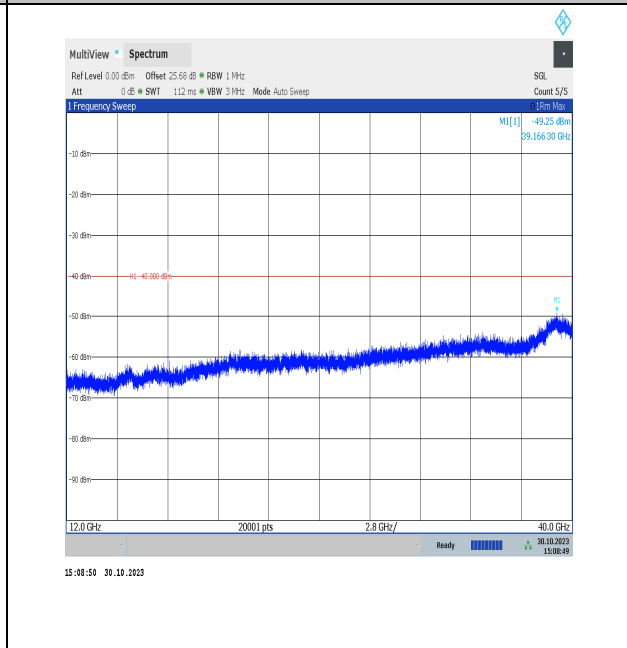
NTVN_N48_PC3_30_30_M_TID1_NS_01_30_1000_#1



NTVN_N48_PC3_30_30_M_TID1_NS_01_1000_3000_#1



NTVN_N48_PC3_30_30_M_TID1_NS_01_3000_12000_#1



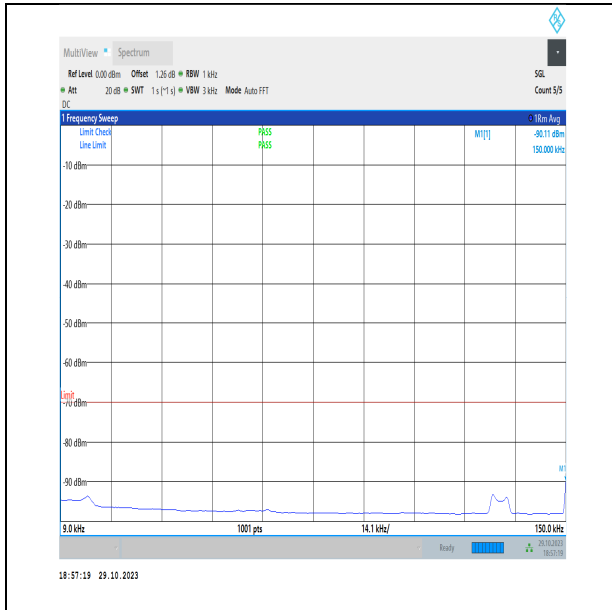
NTVN_N48_PC3_30_30_M_TID1_NS_01_12000_40000_#1



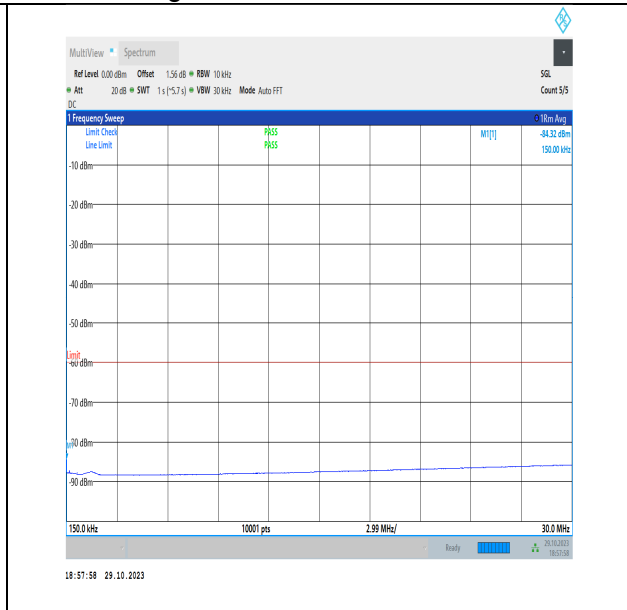
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

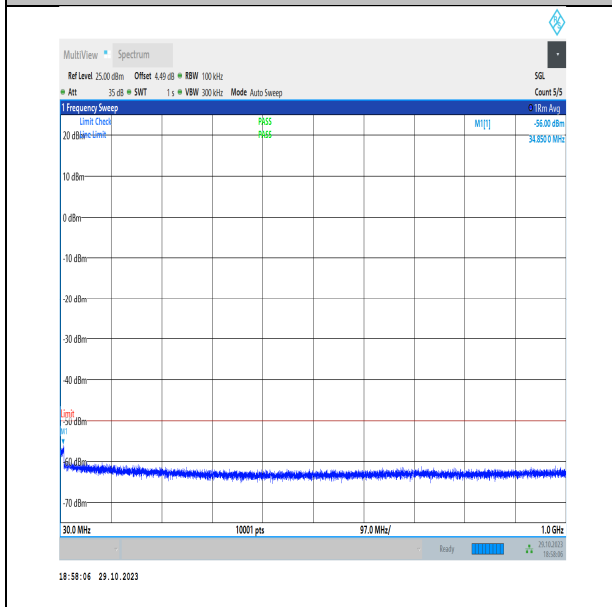
No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



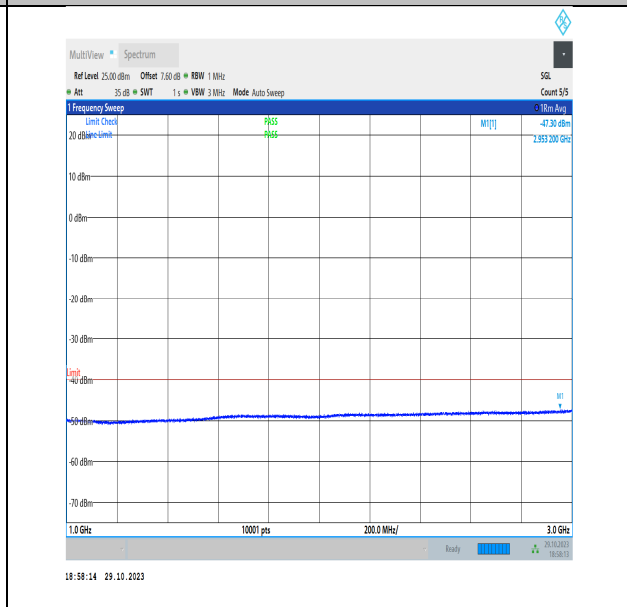
NTNV_N48_PC3_30_30_H_TID1_NS_01_0.009_0.15_#1



NTNV_N48_PC3_30_30_H_TID1_NS_01_0.15_30_#1



NTNV_N48_PC3_30_30_H_TID1_NS_01_30_1000_#1



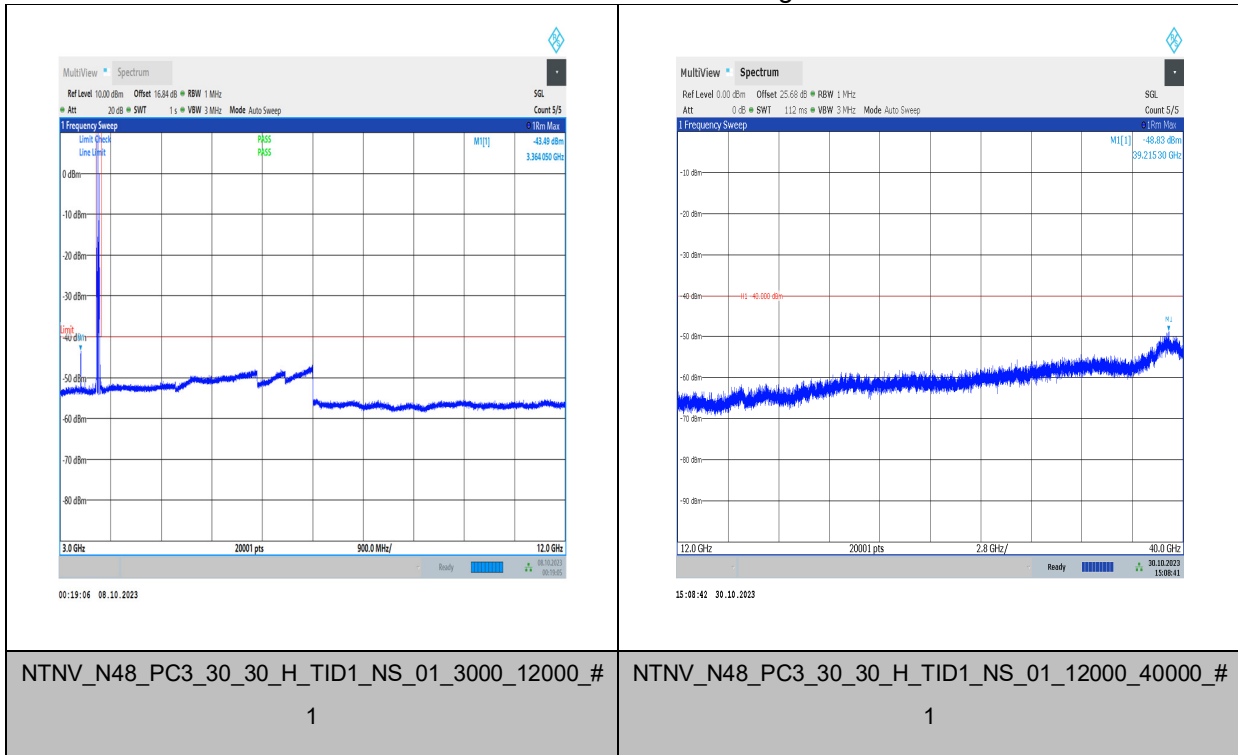
NTNV_N48_PC3_30_30_H_TID1_NS_01_1000_3000_#1



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



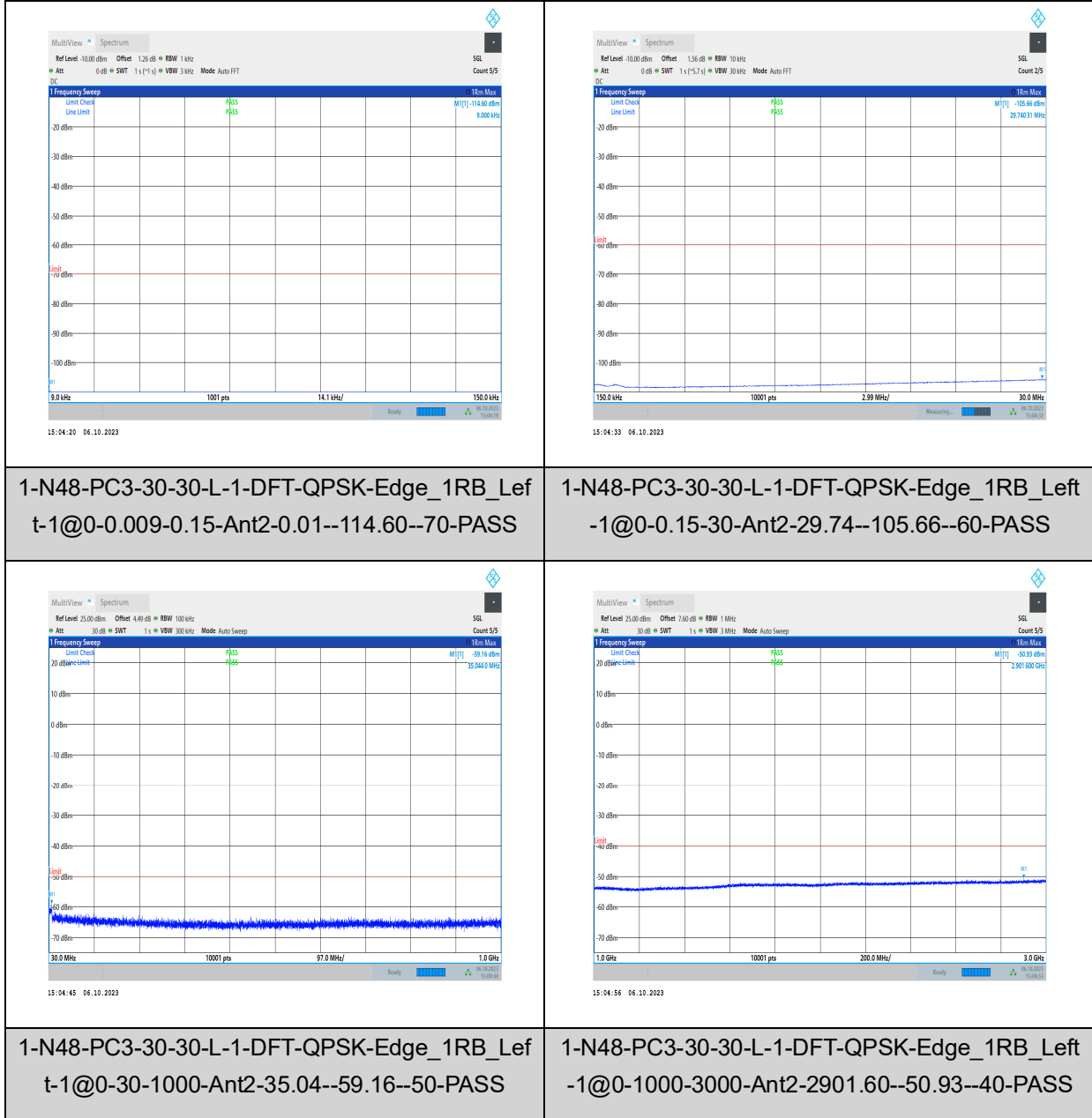
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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



Conducted Spurious Emission for MIMO ANT2

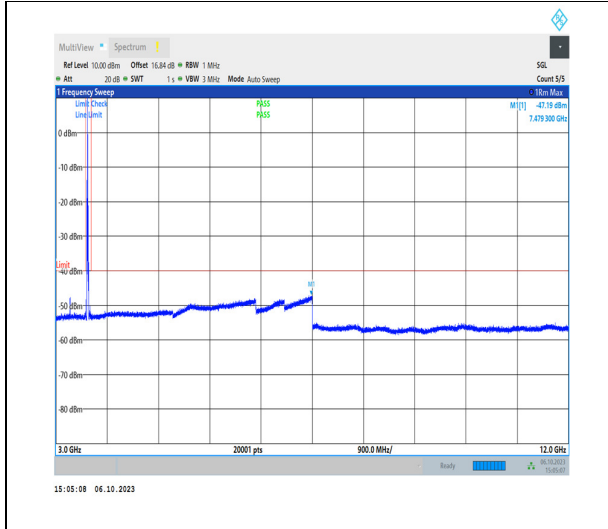
Test Graphs



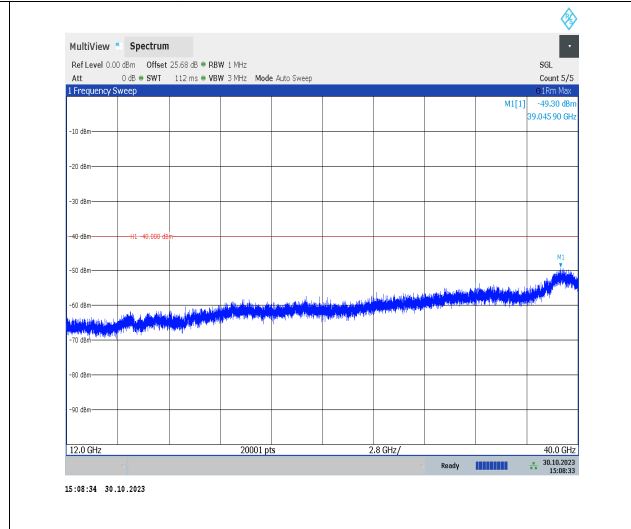
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

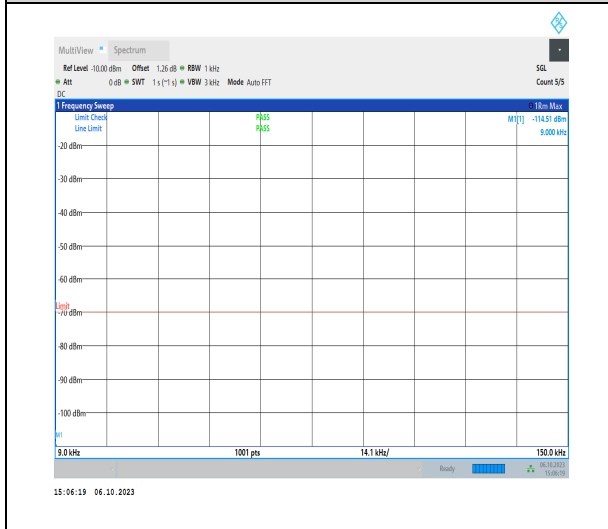
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



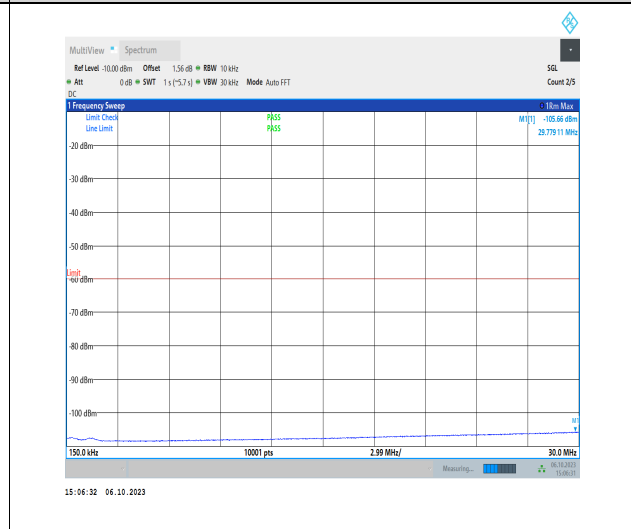
1-N48-PC3-30-30-L-1-DFT-QPSK-Edge_1RB_Left-t-1@0-3000-12000-Ant2-7479.30--47.19--40-PAS
 S



1-N48-PC3-30-30-L-1-DFT-QPSK-Edge_1RB_Left-1@0-12000-40000-Ant2-17039.20--50.60--40-PA
 SS



1-N48-PC3-30-30-M-1-DFT-QPSK-Edge_1RB_Left-ft-1@0-0.009-0.15-Ant2-0.01--114.51--70-PASS



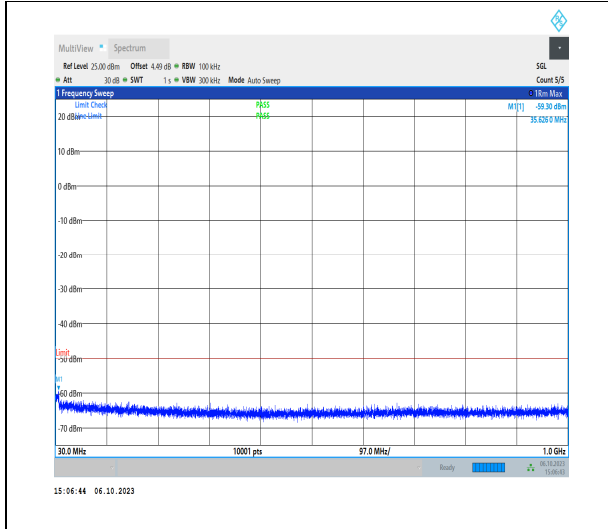
1-N48-PC3-30-30-M-1-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant2-29.78--105.66--60-PASS



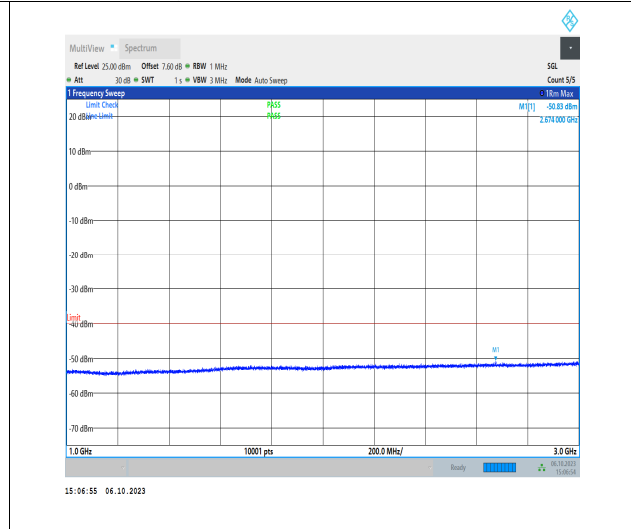
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

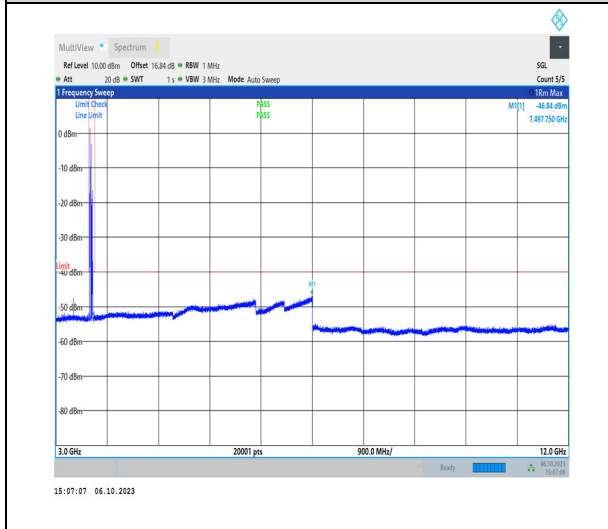
No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



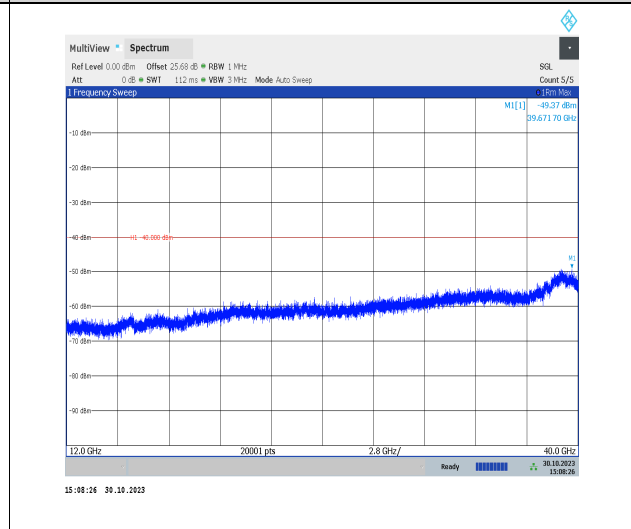
1-N48-PC3-30-30-M-1-DFT-QPSK-Edge_1RB_Left-1@0-30-1000-Ant2-35.63--59.30--50-PASS



1-N48-PC3-30-30-M-1-DFT-QPSK-Edge_1RB_Left-1@0-1000-3000-Ant2-2674.00--50.83--40-PASS



1-N48-PC3-30-30-M-1-DFT-QPSK-Edge_1RB_Left-1@0-3000-12000-Ant2-7497.75--46.84--40-PASS
 SS



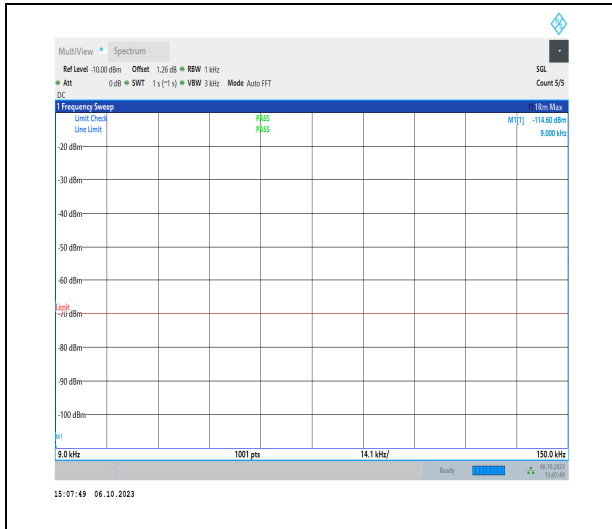
1-N48-PC3-30-30-M-1-DFT-QPSK-Edge_1RB_Left-1@0-12000-40000-Ant2-17041.20--51.12--40-PASS
 SS



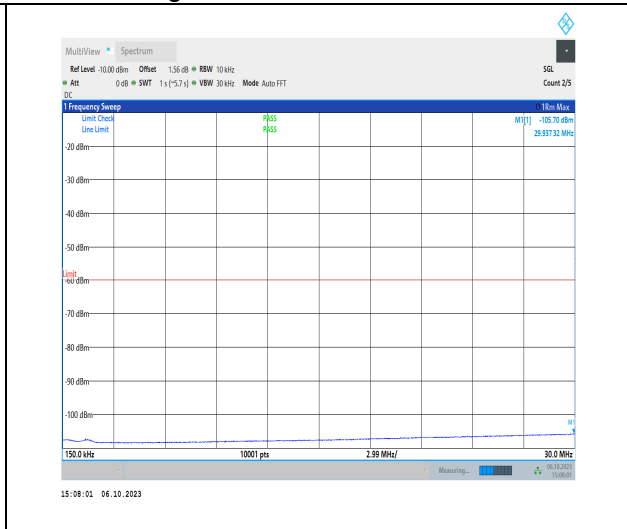
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

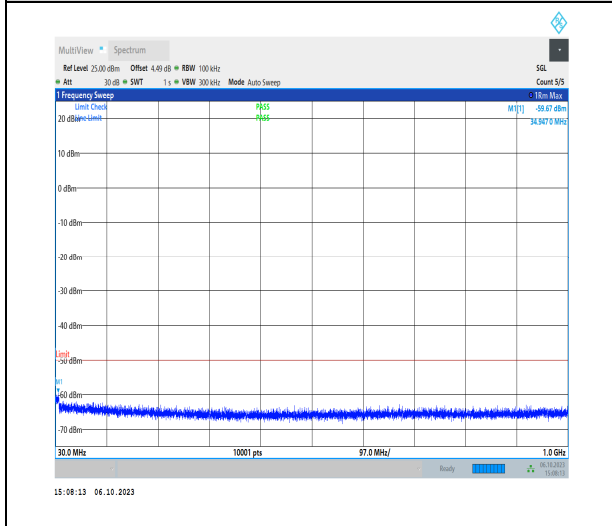
No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



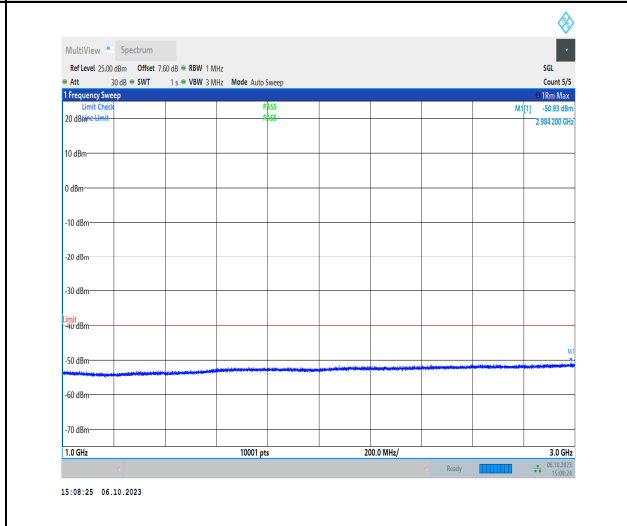
1-N48-PC3-30-30-H-1-DFT-QPSK-Edge_1RB_Left-ft-1@0-0.009-0.15-Ant2-0.01--114.60--70-PASS



1-N48-PC3-30-30-H-1-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant2-29.94--105.70--60-PASS



1-N48-PC3-30-30-H-1-DFT-QPSK-Edge_1RB_Left-ft-1@0-30-1000-Ant2-34.95--59.67--50-PASS



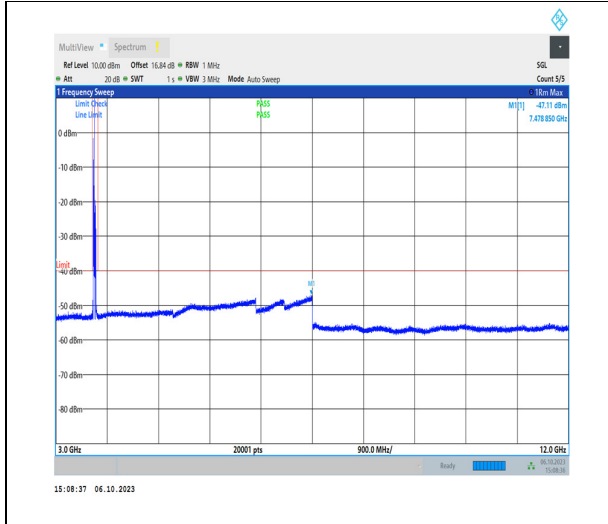
1-N48-PC3-30-30-H-1-DFT-QPSK-Edge_1RB_Left-1@0-1000-3000-Ant2-2984.20--50.93--40-PASS



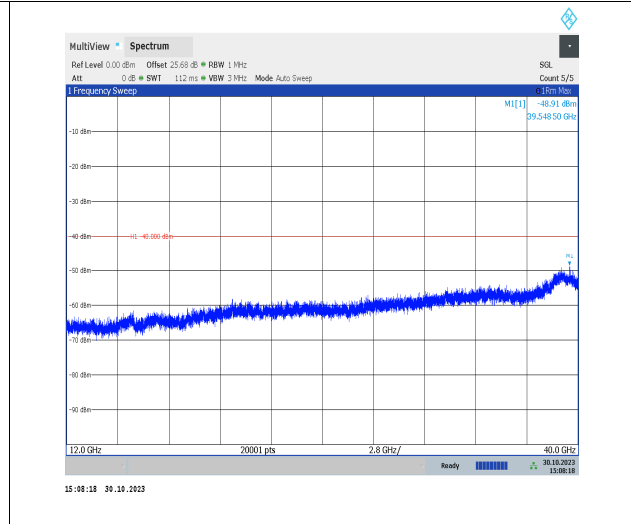
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction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

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



1-N48-PC3-30-30-H-1-DFT-QPSK-Edge_1RB_Le
 ft-1@0-3000-12000-Ant2-7478.85--47.11--40-PA
 SS



1-N48-PC3-30-30-H-1-DFT-QPSK-Edge_1RB_Left
 -1@0-12000-40000-Ant2-16866.80--50.98--40-PA
 SS



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Field Strength of Spurious Radiation

Test Band = NR SA Band 48_ 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	7241.2708	40.75	-43.40	35.88	-62.03	-40.00	22.03	Horizontal
2	8409.9583	37.55	-41.55	36.60	-62.66	-40.00	22.66	Horizontal
3	9633.75	33.78	-39.13	37.50	-63.11	-40.00	23.11	Horizontal
4	11457.4583	28.54	-37.04	38.75	-65.01	-40.00	25.01	Horizontal
5	13850.8958	27.23	-35.70	40.63	-63.10	-40.00	23.10	Horizontal
6	16492.0625	27.73	-33.41	40.73	-60.22	-40.00	20.22	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7241.2708	42.29	-43.40	35.88	-60.49	-40.00	20.49	Vertical
2	8411.875	38.06	-41.55	36.59	-62.16	-40.00	22.16	Vertical
3	10088.4792	32.09	-39.10	38.24	-64.03	-40.00	24.03	Vertical
4	12219.3333	28.07	-37.11	38.87	-65.44	-40.00	25.44	Vertical
5	13847.0625	27.74	-35.74	40.62	-62.63	-40.00	22.63	Vertical
6	15400.0417	25.21	-33.80	40.46	-63.39	-40.00	23.39	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

SGS-CSTC Standards Technical Services Co., Ltd.
 Shenzhen Branch, Wireless Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Test Band = NR SA Band 48_ 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	7654.3125	39.08	-42.95	36.66	-62.47	-40.00	22.47	Horizontal
2	9045.8125	35.42	-40.56	36.39	-64.01	-40.00	24.01	Horizontal
3	11329.5208	29.23	-37.44	38.73	-64.73	-40.00	24.73	Horizontal
4	13671.6875	27.19	-36.00	40.31	-63.76	-40.00	23.76	Horizontal
5	15393.3333	25.49	-33.81	40.47	-63.11	-40.00	23.11	Horizontal
6	17161.9375	27.33	-34.91	43.03	-59.81	-40.00	19.81	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7863.2292	39.05	-42.64	36.75	-62.10	-40.00	22.10	Vertical
2	9588.7083	34.87	-39.16	37.42	-62.13	-40.00	22.13	Vertical
3	11148.3958	29.25	-37.62	38.71	-64.91	-40.00	24.91	Vertical
4	13370.2917	26.23	-36.71	39.77	-65.97	-40.00	25.97	Vertical
5	15155.1875	25.86	-34.60	40.97	-63.03	-40.00	23.03	Vertical
6	16464.2708	27.97	-33.59	40.64	-60.24	-40.00	20.24	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

SGS-CSTC Standards Technical Services Co., Ltd.
 Shenzhen Branch, Wireless Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com

Test Band = NR SA Band 48_ 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	7241.2708	40.96	-43.40	35.88	-61.82	-40.00	21.82	Horizontal
2	8401.8125	37.95	-41.55	36.60	-62.26	-40.00	22.26	Horizontal
3	9592.5417	34.19	-39.12	37.43	-62.76	-40.00	22.76	Horizontal
4	11143.125	29.70	-37.62	38.71	-64.47	-40.00	24.47	Horizontal
5	12869.0833	27.40	-36.96	39.06	-65.76	-40.00	25.76	Horizontal
6	16487.2708	27.36	-33.44	40.71	-60.63	-40.00	20.63	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7241.2708	40.53	-43.40	35.88	-62.25	-40.00	22.25	Vertical
2	8409.4792	37.86	-41.55	36.60	-62.35	-40.00	22.35	Vertical
3	9646.2083	33.94	-39.17	37.53	-62.97	-40.00	22.97	Vertical
4	11380.7917	28.64	-37.08	38.74	-64.96	-40.00	24.96	Vertical
5	13855.6875	27.43	-35.66	40.64	-62.85	-40.00	22.85	Vertical
6	16510.2708	27.45	-33.49	40.78	-60.52	-40.00	20.52	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N48	30	30	DFT-PI2BPSK	M	Outer_Full	VL	NT	-10.100000	-0.002786	PASS
N48	30	30	DFT-PI2BPSK	M	Outer_Full	VN	NT	-8.500000	-0.002345	PASS
N48	30	30	DFT-PI2BPSK	M	Outer_Full	VH	NT	-3.200000	-0.000883	PASS
N48	30	30	CP-QPSK	M	Outer_Full	VL	NT	-15.500000	-0.004276	PASS
N48	30	30	CP-QPSK	M	Outer_Full	VN	NT	-6.300000	-0.001738	PASS
N48	30	30	CP-QPSK	M	Outer_Full	VH	NT	-9.800000	-0.002703	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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



Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N48	30	30	DFT-P12BPSK	M	Outer_Full	NV	-30	-2.600000	-0.000717	PASS
N48	30	30	DFT-P12BPSK	M	Outer_Full	NV	-20	-3.300000	-0.000910	PASS
N48	30	30	DFT-P12BPSK	M	Outer_Full	NV	-10	-6.000000	-0.001655	PASS
N48	30	30	DFT-P12BPSK	M	Outer_Full	NV	0	-0.200000	-0.000055	PASS
N48	30	30	DFT-P12BPSK	M	Outer_Full	NV	10	-7.400000	-0.002041	PASS
N48	30	30	DFT-P12BPSK	M	Outer_Full	NV	20	-7.800000	-0.002152	PASS
N48	30	30	DFT-P12BPSK	M	Outer_Full	NV	30	-3.500000	-0.000966	PASS
N48	30	30	DFT-P12BPSK	M	Outer_Full	NV	40	-5.300000	-0.001462	PASS
N48	30	30	DFT-P12BPSK	M	Outer_Full	NV	50	-4.800000	-0.001324	PASS
N48	30	30	CP-QPSK	M	Outer_Full	NV	-30	-6.100000	-0.001683	PASS
N48	30	30	CP-QPSK	M	Outer_Full	NV	-20	4.200000	0.001159	PASS
N48	30	30	CP-QPSK	M	Outer_Full	NV	-10	-1.500000	-0.000414	PASS
N48	30	30	CP-QPSK	M	Outer_Full	NV	0	-5.600000	-0.001545	PASS
N48	30	30	CP-QPSK	M	Outer_Full	NV	10	-6.000000	-0.001655	PASS
N48	30	30	CP-QPSK	M	Outer_Full	NV	20	0.000000	0.000000	PASS
N48	30	30	CP-QPSK	M	Outer_Full	NV	30	-5.000000	-0.001379	PASS
N48	30	30	CP-QPSK	M	Outer_Full	NV	40	-9.000000	-0.002483	PASS
N48	30	30	CP-QPSK	M	Outer_Full	NV	50	-3.600000	-0.000993	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

SGS-CSTC Standards Technical Services Co., Ltd.
 Shenzhen Branch

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com