



Report No.: XEWM2309000451RG02

Rev.: 01

Page: 1 of 69

Appendix B.18

NR Band n5



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

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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

Rev.: 01

Page: 2 of 69

Effective (Isotropic) Radiated Power Output Data for SA**Test Result**

ANT1

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.97	18.12	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	24.01	18.16	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	23.05	17.20	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Left	23.93	18.08	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Right	24.00	18.15	38.45	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	23.00	17.15	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Left	22.55	16.70	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Right	22.59	16.74	38.45	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	22.03	16.18	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Left	21.44	15.59	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Right	21.46	15.61	38.45	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	21.48	15.63	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Left	19.30	13.45	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Right	19.26	13.41	38.45	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	19.44	13.59	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	24.06	18.21	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.95	18.10	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	22.94	17.09	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Left	23.99	18.14	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Right	23.87	18.02	38.45	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	22.93	17.08	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Left	22.72	16.87	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Right	22.69	16.84	38.45	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	21.95	16.10	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Left	21.45	15.60	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Right	21.37	15.52	38.45	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	21.35	15.50	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Left	19.30	13.45	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Right	19.24	13.39	38.45	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	19.40	13.55	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.94	18.09	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.94	18.09	38.45	PASS



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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086 t (86-29) 6282 7885 www.sgsgroup.com.cn
 中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086 t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

Rev.: 01

Page: 3 of 69

N5	15	5	DFT-PI2BPSK	H	Outer_Full	22.87	17.02	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Left	23.93	18.08	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Right	23.85	18.00	38.45	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	22.89	17.04	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Left	22.64	16.79	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Right	22.72	16.87	38.45	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	21.88	16.03	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Left	21.35	15.50	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Right	21.37	15.52	38.45	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	21.30	15.45	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Left	19.21	13.36	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Right	19.20	13.35	38.45	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	19.31	13.46	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.84	17.99	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.87	18.02	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	22.88	17.03	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Left	23.86	18.01	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Right	23.85	18.00	38.45	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	22.84	16.99	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Left	22.50	16.65	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Right	22.54	16.69	38.45	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	21.83	15.98	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Left	21.23	15.38	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Right	21.22	15.37	38.45	PASS
N5	15	10	DFT-64QAM	L	Outer_Full	21.34	15.49	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Left	19.11	13.26	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Right	19.14	13.29	38.45	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	19.34	13.49	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.87	18.02	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.83	17.98	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	22.79	16.94	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Left	23.87	18.02	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Right	23.79	17.94	38.45	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	22.77	16.92	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Left	22.68	16.83	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Right	22.50	16.65	38.45	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	21.81	15.96	38.45	PASS



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

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

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086 t (86-29) 6282 7885 www.sgsgroup.com.cn
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086 t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

Rev.: 01

Page: 4 of 69

N5	15	10	DFT-64QAM	M	Inner_1RB_Left	21.22	15.37	38.45	PASS
N5	15	10	DFT-64QAM	M	Inner_1RB_Right	21.23	15.38	38.45	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	21.26	15.41	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Left	19.23	13.38	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Right	19.14	13.29	38.45	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	19.26	13.41	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.84	17.99	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.86	18.01	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	22.83	16.98	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Left	23.88	18.03	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Right	23.76	17.91	38.45	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	22.83	16.98	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Left	22.66	16.81	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Right	22.61	16.76	38.45	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	21.84	15.99	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Left	21.42	15.57	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Right	21.36	15.51	38.45	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	21.35	15.50	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Left	19.19	13.34	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Right	19.11	13.26	38.45	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	19.32	13.47	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.83	17.98	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.80	17.95	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	22.99	17.14	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Left	23.82	17.97	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Right	23.79	17.94	38.45	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	23.00	17.15	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Left	22.76	16.91	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Right	22.57	16.72	38.45	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	22.03	16.18	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Left	21.22	15.37	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Right	21.16	15.31	38.45	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	21.48	15.63	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Left	19.13	13.28	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Right	19.16	13.31	38.45	PASS
N5	15	15	DFT-256QAM	L	Outer_Full	19.50	13.65	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.86	18.01	38.45	PASS



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

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

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

Rev.: 01

Page: 5 of 69

N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.77	17.92	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	22.96	17.11	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Left	23.85	18.00	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Right	23.78	17.93	38.45	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	22.95	17.10	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Left	22.42	16.57	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Right	22.38	16.53	38.45	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	22.00	16.15	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Left	21.32	15.47	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Right	21.29	15.44	38.45	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	21.48	15.63	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Left	19.17	13.32	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Right	19.08	13.23	38.45	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	19.44	13.59	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.99	18.14	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.86	18.01	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Outer_Full	22.99	17.14	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Left	23.91	18.06	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Right	23.75	17.90	38.45	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	23.02	17.17	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Left	22.73	16.88	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Right	22.61	16.76	38.45	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	22.05	16.20	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Left	21.35	15.50	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Right	21.24	15.39	38.45	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	21.49	15.64	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Left	19.27	13.42	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Right	19.15	13.30	38.45	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	19.50	13.65	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.76	17.91	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.76	17.91	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	22.92	17.07	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Left	23.84	17.99	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Right	23.71	17.86	38.45	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	22.91	17.06	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Left	22.40	16.55	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Right	22.47	16.62	38.45	PASS



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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086 t (86-29) 6282 7885 www.sgsgroup.com.cn
 中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086 t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

Rev.: 01

Page: 6 of 69

N5	15	20	DFT-16QAM	L	Outer_Full	21.93	16.08	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Left	21.18	15.33	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Right	21.05	15.20	38.45	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	21.40	15.55	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Left	19.05	13.20	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Right	19.07	13.22	38.45	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	19.36	13.51	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.77	17.92	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.76	17.91	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	22.94	17.09	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Left	23.86	18.01	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Right	23.75	17.90	38.45	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	22.93	17.08	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Left	22.40	16.55	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Right	22.81	16.96	38.45	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	21.93	16.08	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Left	21.32	15.47	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Right	21.23	15.38	38.45	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	21.41	15.56	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Left	19.13	13.28	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Right	19.09	13.24	38.45	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	19.41	13.56	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.84	17.99	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.76	17.91	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	22.95	17.10	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Left	23.85	18.00	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Right	23.69	17.84	38.45	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	22.94	17.09	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Left	22.87	17.02	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Right	22.37	16.52	38.45	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	21.93	16.08	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Left	21.33	15.48	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Right	21.25	15.40	38.45	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	21.47	15.62	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Left	19.13	13.28	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Right	19.00	13.15	38.45	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	19.41	13.56	38.45	PASS



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

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

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

Rev.: 01

Page: 7 of 69

Peak-to-Average Ratio(CCDF) for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dB)	Limit (dB)	Verdict
N5	15	20	DFT-256QAM	L	Outer_Full	6.24	≤13	PASS
N5	15	20	CP-256QAM	L	Outer_Full	8.32	≤13	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	6.27	≤13	PASS
N5	15	20	CP-256QAM	M	Outer_Full	8.24	≤13	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	6.43	≤13	PASS
N5	15	20	CP-256QAM	H	Outer_Full	8.33	≤13	PASS



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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

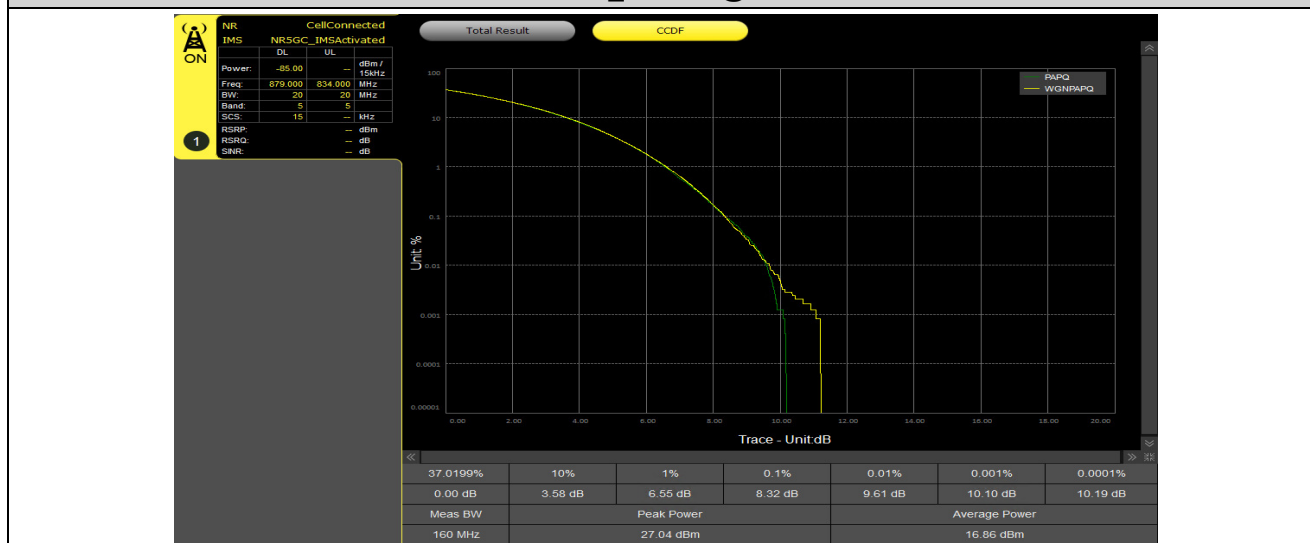
Rev.: 01

Page: 8 of 69

Test Graphs



1-N5-PC3-15-20-L-1-DFT-256QAM-Outer_Full-100@0-Ant1-6.24-100%-0.00-6.24-PASS-≤13



1-N5-PC3-15-20-L-2-CP-256QAM-Outer_Full-106@0-Ant1-8.32-100%-0.00-8.32-PASS-≤13

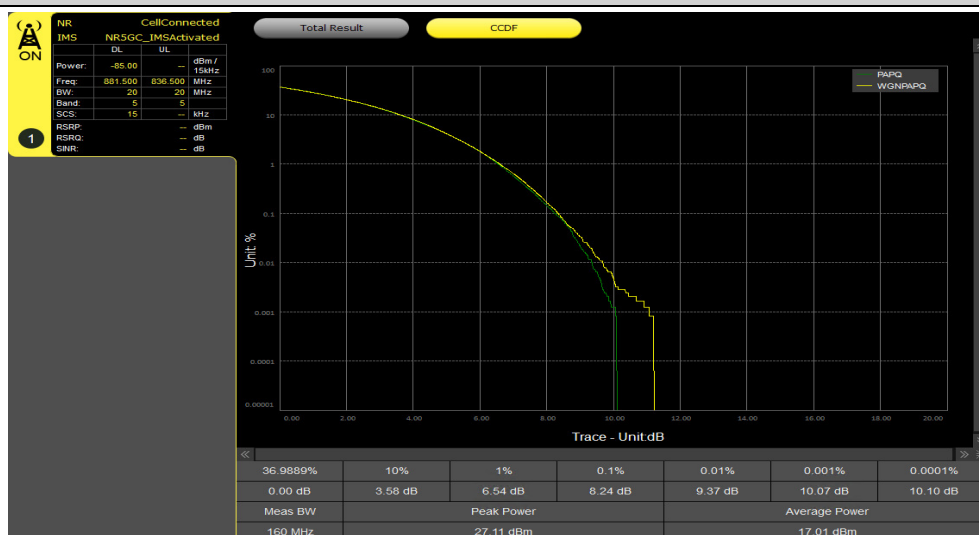
Report No.: XEWM2309000451RG02

Rev.: 01

Page: 9 of 69



1-N5-PC3-15-20-M-1-DFT-256QAM-Outer_Full-100@0-Ant1-6.27-100%-0.00-6.27-PASS-≤13



1-N5-PC3-15-20-M-2-CP-256QAM-Outer_Full-106@0-Ant1-8.24-100%-0.00-8.24-PASS-≤13

Report No.: XEWM2309000451RG02

Rev.: 01

Page: 10 of 69



1-N5-PC3-15-20-H-1-DFT-256QAM-Outer_Full-100@0-Ant1-6.43-100%-0.00-6.43-PASS-≤13



1-N5-PC3-15-20-H-2-CP-256QAM-Outer_Full-106@0-Ant1-8.33-100%-0.00-8.33-PASS-≤13

Report No.: XEWM2309000451RG02

Rev.: 01

Page: 11 of 69

26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Result	Verdict
N5	15	5	DFT-PI2BPSK	M	Outer_Full	4.48	4.860	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	4.48	4.840	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	4.48	4.840	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	4.5	4.840	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	4.48	4.820	PASS
N5	15	5	CP-QPSK	M	Outer_Full	4.46	4.880	PASS
N5	15	5	CP-16QAM	M	Outer_Full	4.5	4.880	PASS
N5	15	5	CP-64QAM	M	Outer_Full	4.5	4.880	PASS
N5	15	5	CP-256QAM	M	Outer_Full	4.48	4.900	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	8.92	9.640	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	9	9.640	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	8.96	9.600	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	8.92	9.680	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	8.92	9.680	PASS
N5	15	10	CP-QPSK	M	Outer_Full	9.32	9.960	PASS
N5	15	10	CP-16QAM	M	Outer_Full	9.32	10.000	PASS
N5	15	10	CP-64QAM	M	Outer_Full	9.32	9.920	PASS
N5	15	10	CP-256QAM	M	Outer_Full	9.28	9.920	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	13.5	14.400	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	13.44	14.340	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	13.44	14.400	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	13.5	14.460	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	13.44	14.400	PASS
N5	15	15	CP-QPSK	M	Outer_Full	14.16	15.120	PASS
N5	15	15	CP-16QAM	M	Outer_Full	14.16	15.120	PASS
N5	15	15	CP-64QAM	M	Outer_Full	14.16	15.000	PASS
N5	15	15	CP-256QAM	M	Outer_Full	14.16	15.060	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	17.92	19.120	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	17.84	19.040	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	18	19.200	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	17.84	19.120	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	17.84	19.280	PASS



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

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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

11/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com



Report No.: XEWM2309000451RG02

Rev.: 01

Page: 12 of 69

N5	15	20	CP-QPSK	M	Outer_Full	18.88	20.240	PASS
N5	15	20	CP-16QAM	M	Outer_Full	18.88	20.160	PASS
N5	15	20	CP-64QAM	M	Outer_Full	18.96	20.160	PASS
N5	15	20	CP-256QAM	M	Outer_Full	19.04	20.160	PASS



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

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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

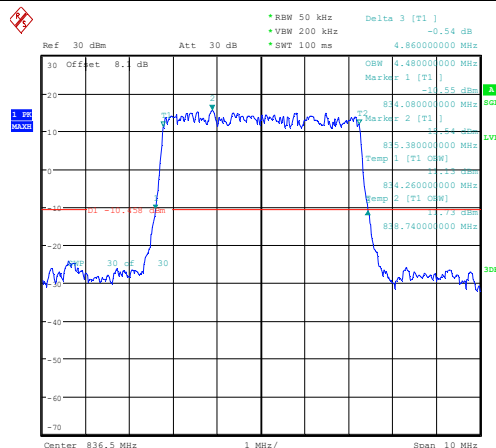
t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

Rev.: 01

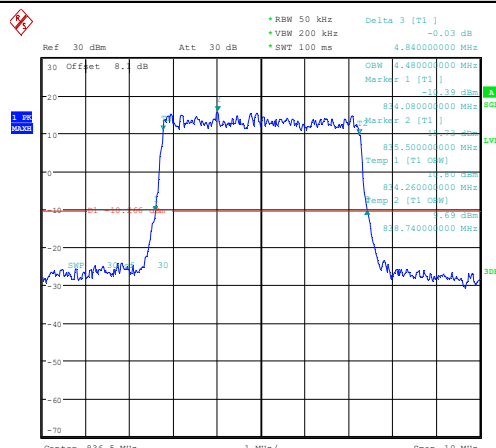
Page: 13 of 69

Test Graphs



Date: 1.OCT.2023 07:47:36

1-N5-PC3-15-5-M-1-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.48-4.860-≤5-PASS



Date: 1.OCT.2023 07:47:55

1-N5-PC3-15-5-M-2-DFT-QPSK-Outer_Full-25@0-Ant1-4.48-4.840-≤5-PASS



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

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

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

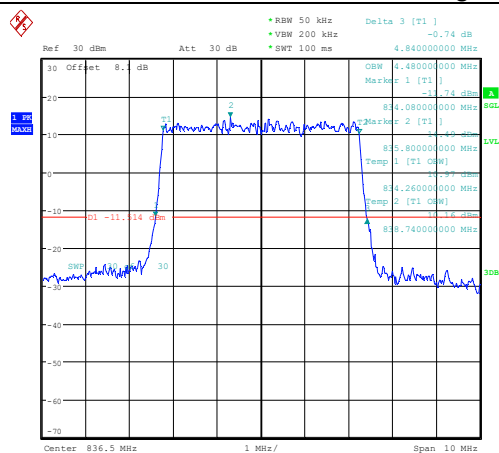
t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: XEWM2309000451RG02

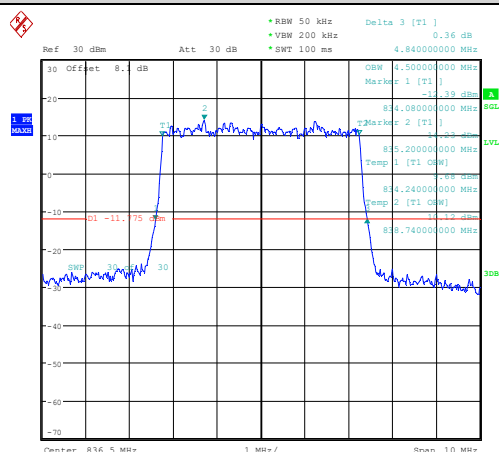
Rev.: 01

Page: 14 of 69



Date: 1.OCT.2023 07:48:12

1-N5-PC3-15-5-M-3-DFT-16QAM-Outer Full-25@0-Ant1-4.48-4.840-≤5-PASS



Date: 1.OCT.2023 07:48:30

1-N5-PC3-15-5-M-4-DFT-64QAM-Outer Full-25@0-Ant1-4.5-4.840-≤5-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>, and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of its mandate, and any, in any event, the Company is not responsible for the accuracy of the information or the outcome of any transaction from which 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.

For further information or to request a copy of the test report, inspection report & certificate, please contact us at telephone: (86-755) 8307 1444, or email: CN.Doccheck@sgs.com.

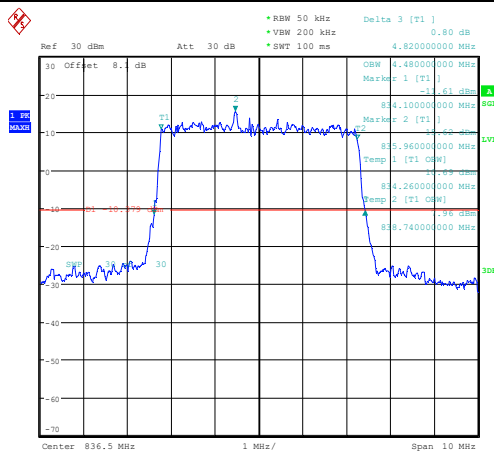
1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

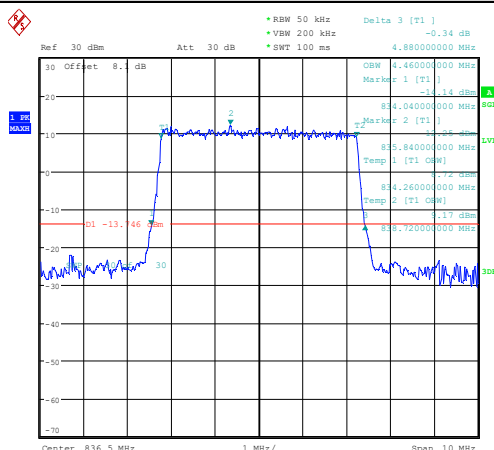
Rev.: 01

Page: 15 of 69



Date: 1.OCT.2023 07:48:49

1-N5-PC3-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.48-4.820-≤5-PASS



Date: 1.OCT.2023 07:49:46

1-N5-PC3-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.46-4.880-≤5-PASS



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

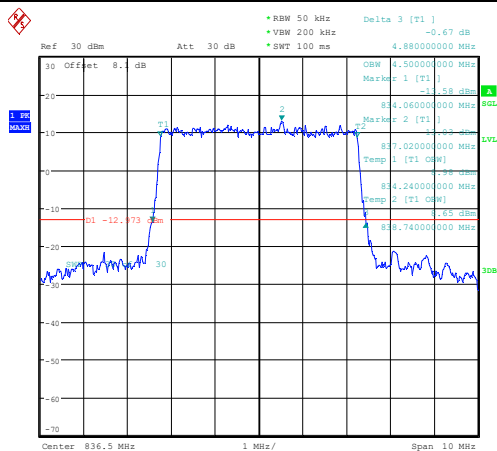
11/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
 中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
 t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

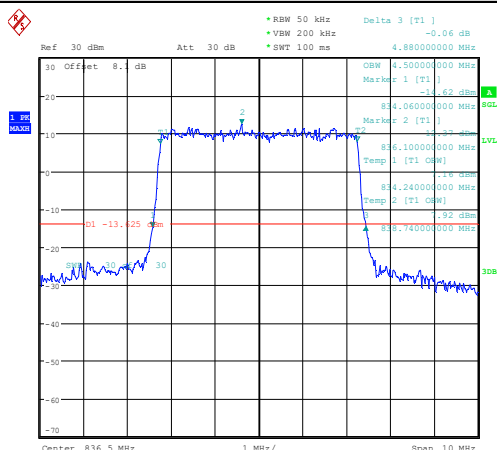
Rev.: 01

Page: 16 of 69



Date: 1.OCT.2023 07:50:05

1-N5-PC3-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-4.5-4.880-≤5-PASS



Date: 1.OCT.2023 07:50:23

1-N5-PC3-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1-4.5-4.880-≤5-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

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

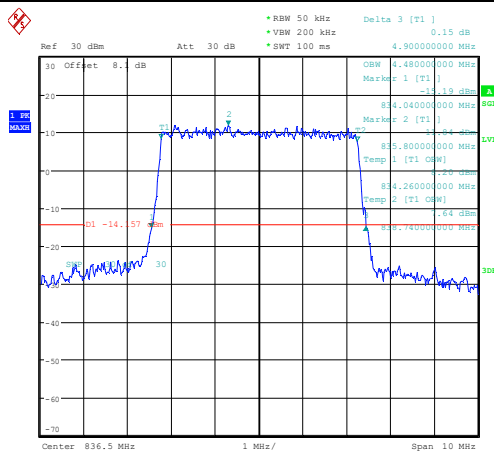
t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: XEWM2309000451RG02

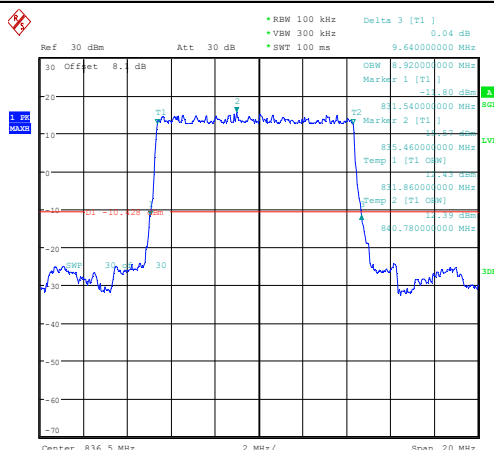
Rev.: 01

Page: 17 of 69



Date: 1.OCT.2023 07:50:40

1-N5-PC3-15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant1-4.48-4.900-≤5-PASS



Date: 1.OCT.2023 07:54:51

1-N5-PC3-15-10-M-1-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.92-9.640-≤10-PASS



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

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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
 Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China
 中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层

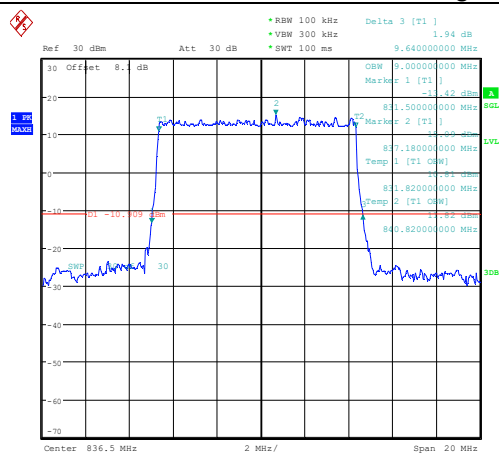
t (86-29) 6282 7885 www.sgs.com.cn
 t (86-29) 6282 7885 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: XEWM2309000451RG02

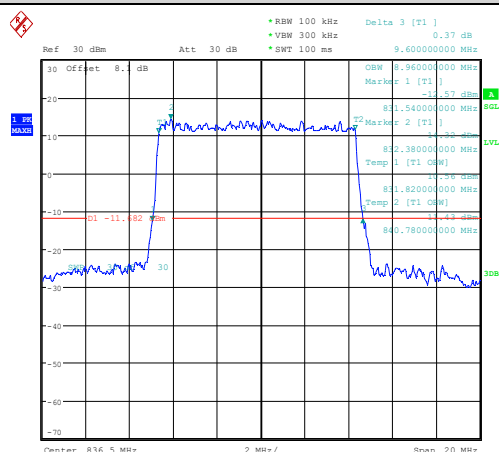
Rev.: 01

Page: 18 of 69



Date: 1.OCT.2023 07:55:11

1-N5-PC3-15-10-M-2-DFT-QPSK-Outer Full-50@0-Ant1-9-9.640-≤10-PASS



Date: 1.OCT.2023 07:55:31

1-N5-PC3-15-10-M-3-DFT-16QAM-Outer Full-50@0-Ant1-8.96-9.600-≤10-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>, and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of its mandate, and any, in any event, the Company is not responsible for the accuracy of the information or the outcome of any transaction from which 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.

For further information or to request a copy of the test report, inspection report & certificate, please contact us at telephone: (86-755) 8307 1444, or email: CN.Doccheck@sgs.com.

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

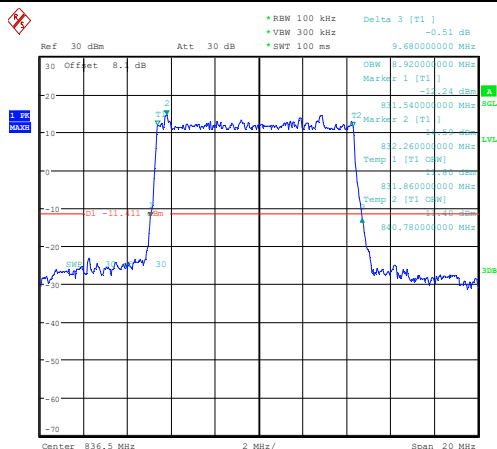
t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: XEWM2309000451RG02

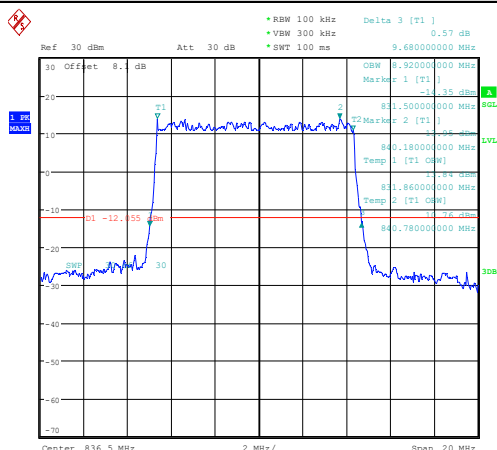
Rev.: 01

Page: 19 of 69



Date: 1.OCT.2023 07:55:51

1-N5-PC3-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.92-9.680-≤10-PASS



Date: 1.OCT.2023 07:56:10

1-N5-PC3-15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.92-9.680-≤10-PASS



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

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

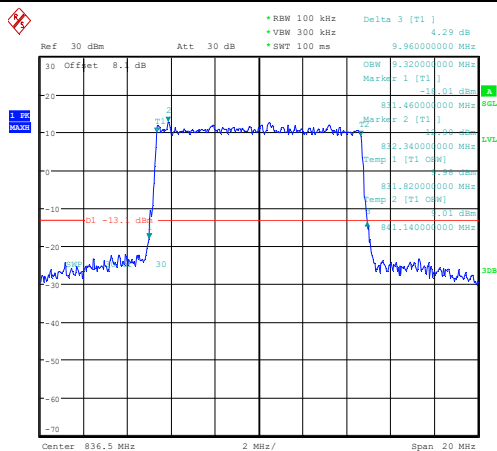
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
 t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

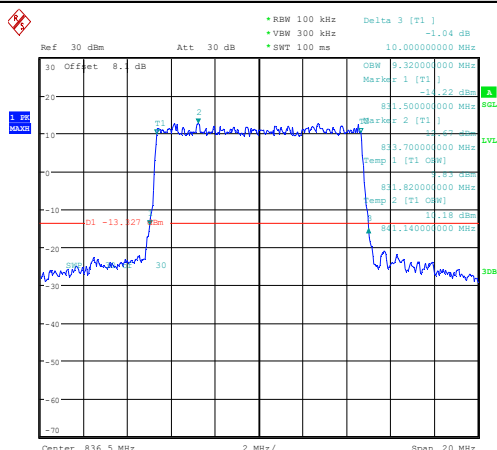
Rev.: 01

Page: 20 of 69



Date: 1.OCT.2023 07:57:33

1-N5-PC3-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-9.32-9.960-≤10-PASS



Date: 1.OCT.2023 07:57:52

1-N5-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-9.32-10.000-≤10-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

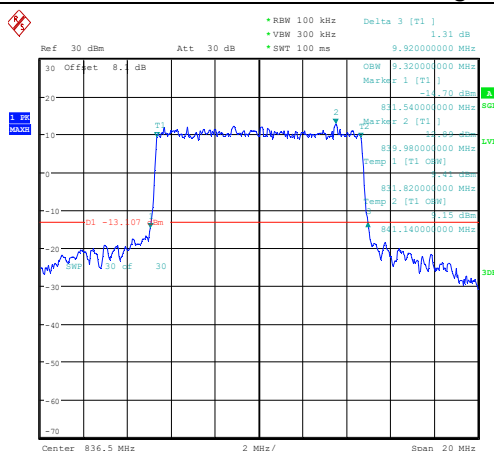
1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

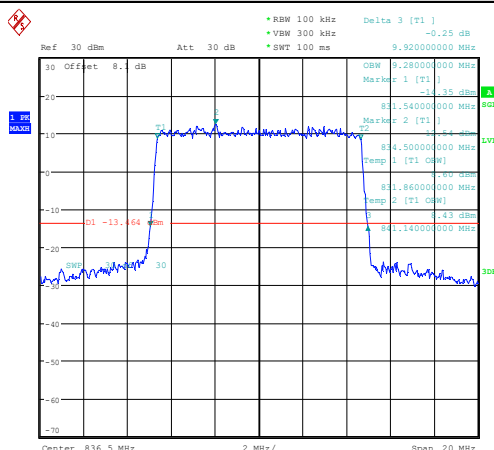
Rev.: 01

Page: 21 of 69



Date: 1.OCT.2023 07:58:11

1-N5-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-9.32-9.920-≤10-PASS



Date: 1.OCT.2023 07:58:31

1-N5-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant1-9.28-9.920-≤10-PASS



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

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

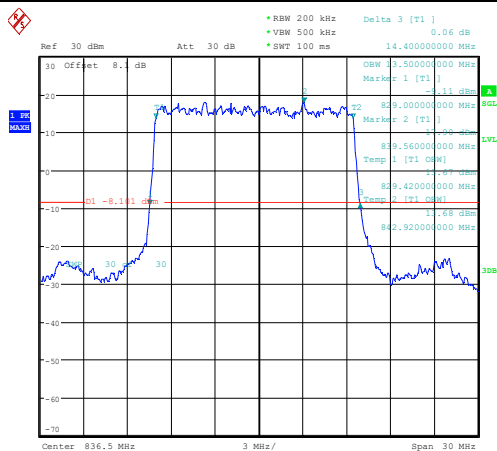
1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
 中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
 t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

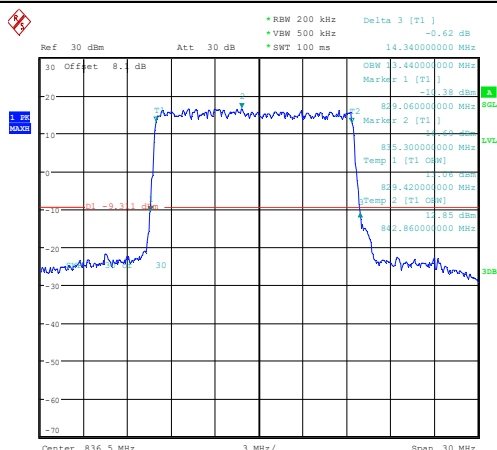
Rev.: 01

Page: 22 of 69



Date: 1.OCT.2023 08:00:41

1-N5-PC3-15-15-M-1-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.5-14.400-≤15-PASS



Date: 1.OCT.2023 08:01:04

1-N5-PC3-15-15-M-2-DFT-QPSK-Outer_Full-75@0-Ant1-13.44-14.340-≤15-PASS



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

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

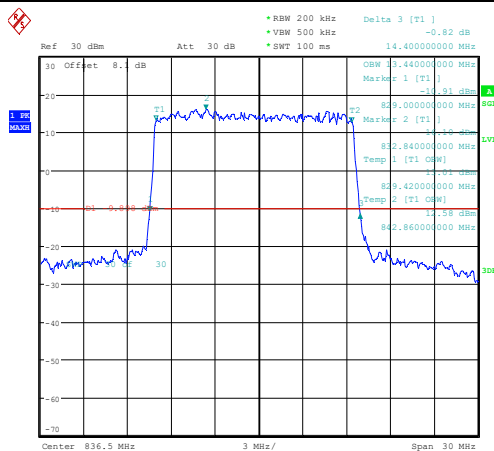
1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

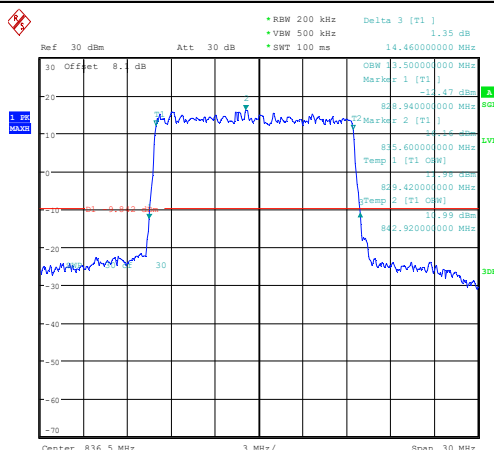
Rev.: 01

Page: 23 of 69



Date: 1.OCT.2023 08:01:27

1-N5-PC3-15-15-M-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.44-14.400-≤15-PASS



Date: 1.OCT.2023 08:01:50

1-N5-PC3-15-15-M-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.5-14.460-≤15-PASS



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

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

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

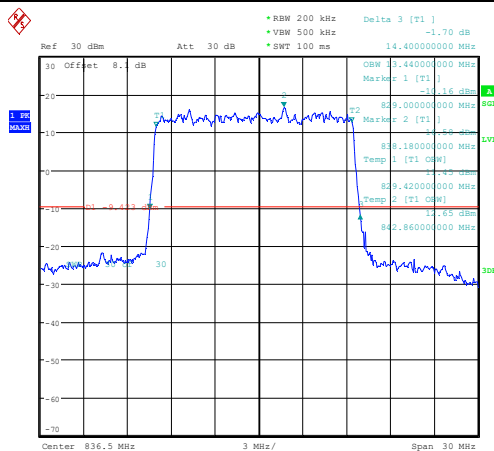
t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: XEWM2309000451RG02

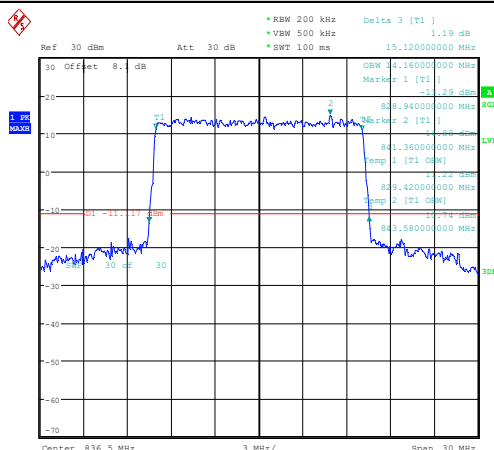
Rev.: 01

Page: 24 of 69



Date: 1.OCT.2023 08:02:13

1-N5-PC3-15-15-M-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.44-14.400≤15-PASS



Date: 1.OCT.2023 08:03:40

1-N5-PC3-15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant1-14.16-15.120≤15-PASS



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

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

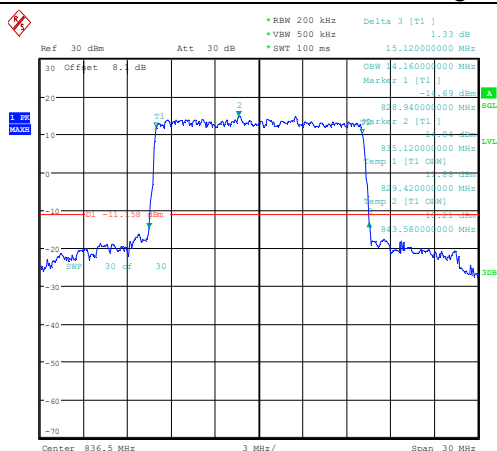
1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

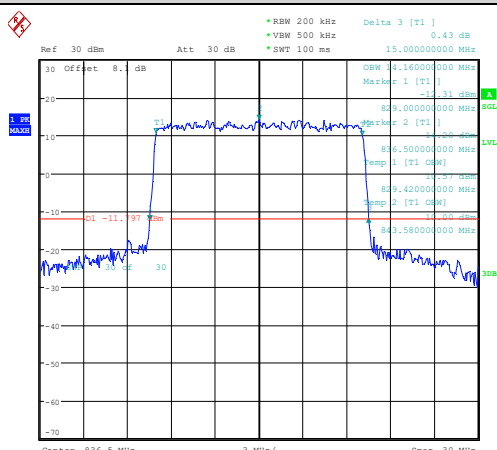
Rev.: 01

Page: 25 of 69



Date: 1.OCT.2023 08:13:46

1-N5-PC3-15-15-M-7-CP-16QAM-Outer_Full-79@0-Ant1-14.16-15.120-≤15-PASS



Date: 1.OCT.2023 08:04:27

1-N5-PC3-15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant1-14.16-15.000-≤15-PASS



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

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

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

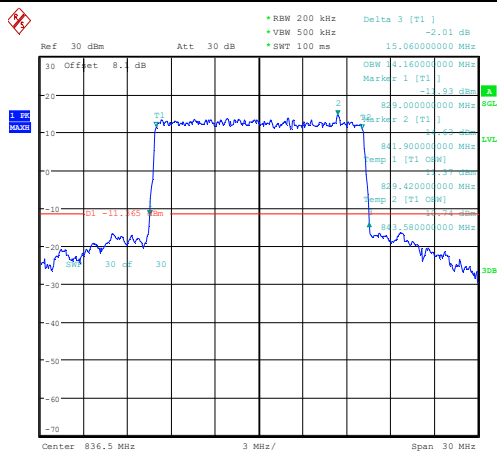
t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: XEWM2309000451RG02

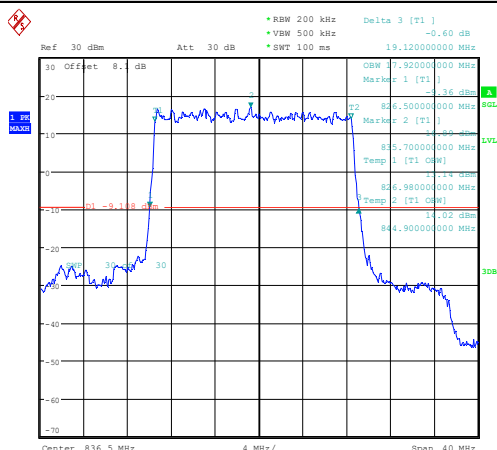
Rev.: 01

Page: 26 of 69



Date: 1.OCT.2023 08:14:09

1-N5-PC3-15-15-M-9-CP-256QAM-Outer Full-79@0-Ant1-14.16-15.060-≤15-PASS



Date: 1.OCT.2023 08:06:19

1-N5-PC3-15-20-M-1-DFT-PI2BPSK-Outer Full-100@0-Ant1-17.92-19.120-≤20-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>, and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of its mandate, and any, in any event, the Company is not responsible for the accuracy of the information or the results of any transaction from exercise of 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.

For further information or to request an audit or a copy of the test/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com.

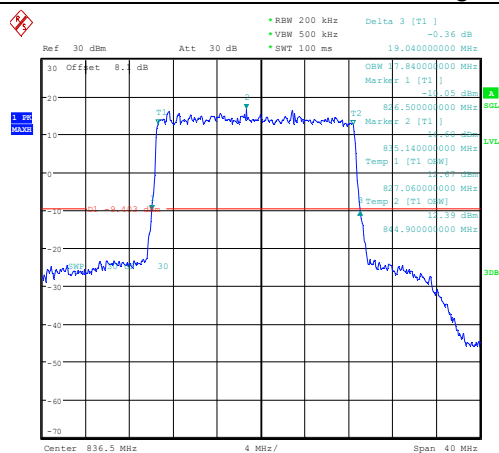
1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

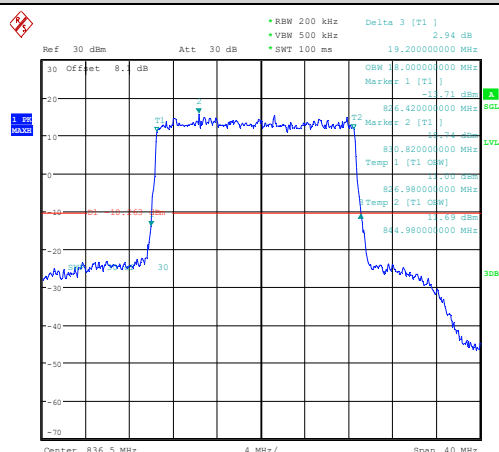
Rev.: 01

Page: 27 of 69



Date: 1.OCT.2023 08:06:43

1-N5-PC3-15-20-M-2-DFT-QPSK-Outer Full-100@0-Ant1-17.84-19.040-≤20-PASS



Date: 1.OCT.2023 08:07:08

1-N5-PC3-15-20-M-3-DFT-16QAM-Outer Full-100@0-Ant1-18-19.200-≤20-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>, and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of its mandate, and any, in any event, the Company is not responsible for the accuracy of the information or the results of any transaction from exercise of 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.

For further information or to request an audit or a copy of the test/inspection report & certificate, please contact us at telephone: (86-755) 8307 1444, or email: CN.Doccheck@sgs.com.

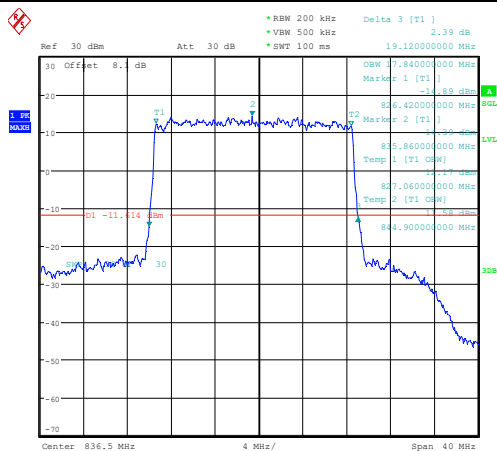
1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

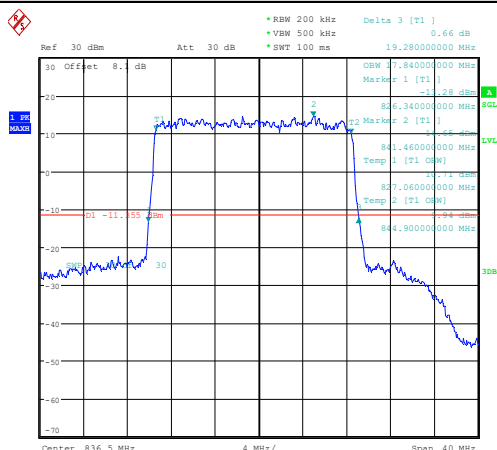
Rev.: 01

Page: 28 of 69



Date: 1.OCT.2023 08:07:33

1-N5-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.84-19.120-≤20-PASS



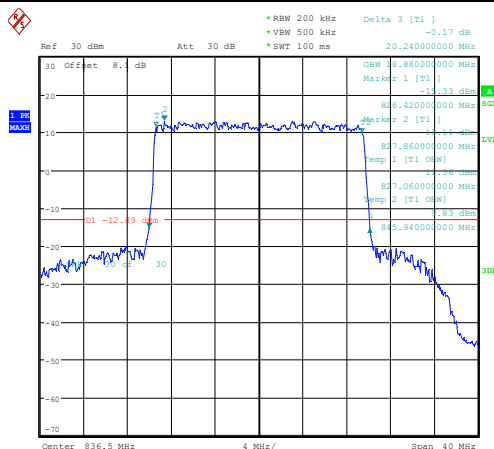
Date: 1.OCT.2023 08:07:57

1-N5-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.84-19.280-≤20-PASS

Report No.: XEWM2309000451RG02

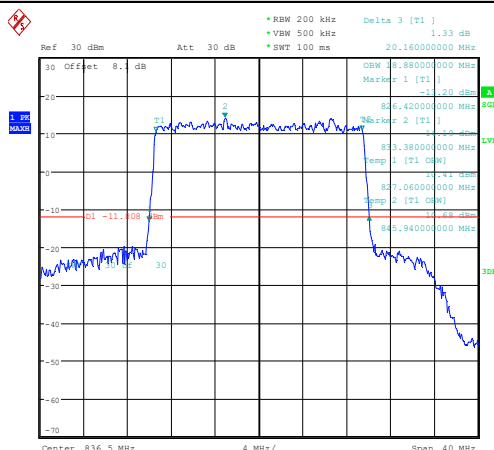
Rev.: 01

Page: 29 of 69



Date: 1.OCT.2023 08:15:37

1-N5-PC3-15-20-M-6-CP-QPSK-Outet_Full-106@0-Ant1-18.88-20.240-≤20-PASS



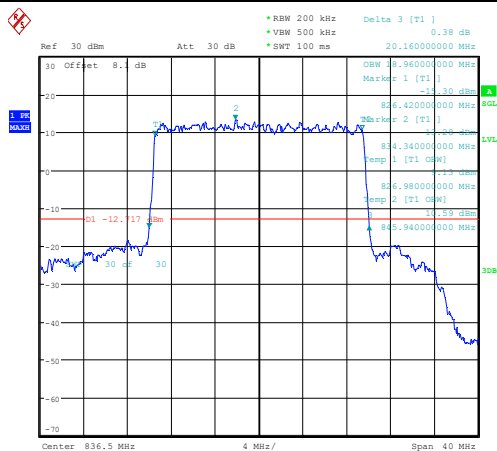
Date: 1.OCT.2023 08:09:50

1-N5-PC3-15-20-M-7-CP-16QAM-Outet_Full-106@0-Ant1-18.88-20.160-≤20-PASS

Report No.: XEWM2309000451RG02

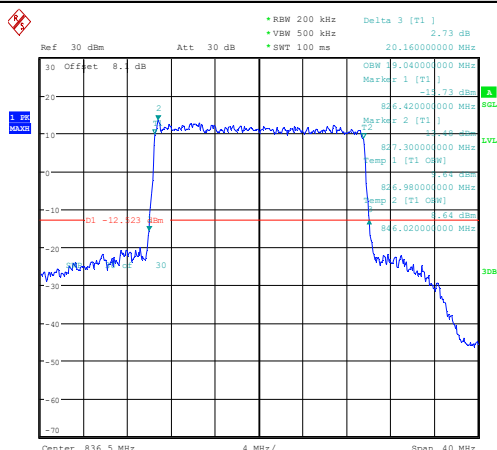
Rev.: 01

Page: 30 of 69



Date: 1.OCT.2023 08:16:02

1-N5-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant1-18.96-20.160-≤20-PASS



Date: 1.OCT.2023 08:16:27

1-N5-PC3-15-20-M-9-CP-256QAM-Outer_Full-106@0-Ant1-19.04-20.160-≤20-PASS



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

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

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
 中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
 t (86-29) 6282 7885 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

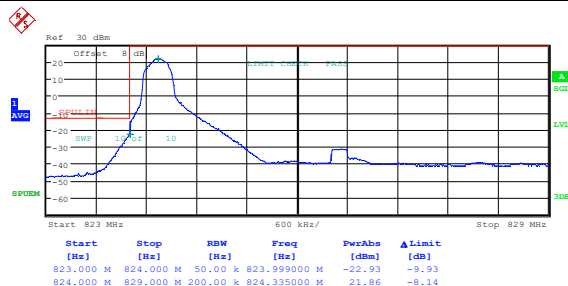
Report No.: XEWM2309000451RG02

Rev.: 01

Page: 31 of 69

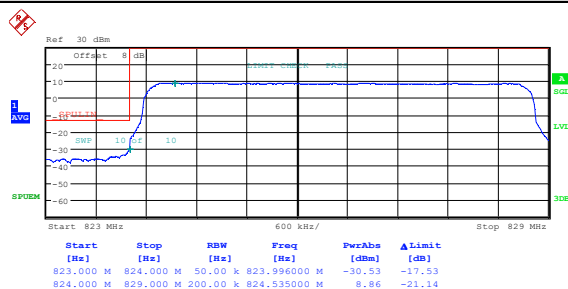
Band Edge for SA

Test Graphs



Date: 16.SEP.2023 08:29:09

1-N5-PC3-15-5-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-PASS



Date: 16.SEP.2023 08:29:27

1-N5-PC3-15-5-L-3-DFT-PI2BPSK-Outer_Full-25@0-Ant1-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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

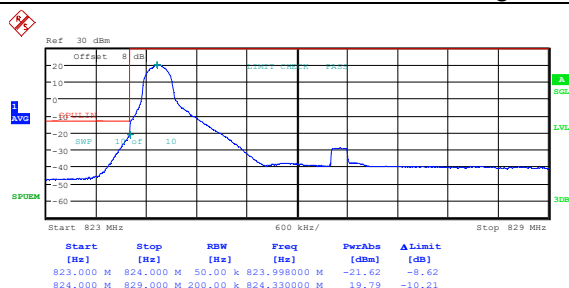
1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

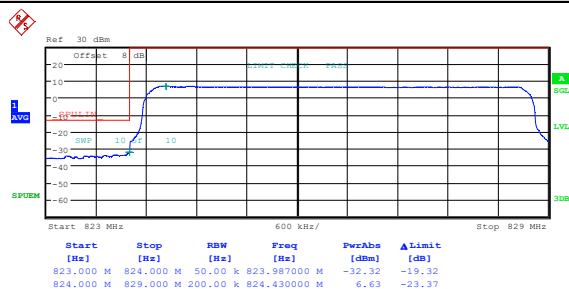
Rev.: 01

Page: 32 of 69



Date: 16.SEP.2023 08:30:46

1-N5-PC3-15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS



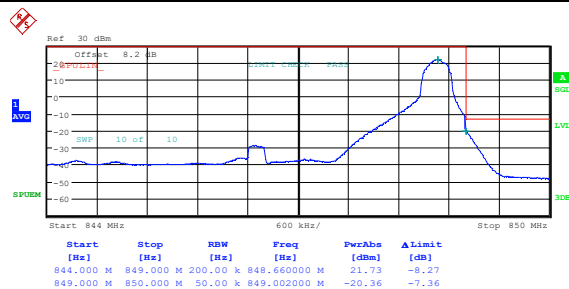
Date: 16.SEP.2023 08:31:03

1-N5-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-PASS

Report No.: XEWM2309000451RG02

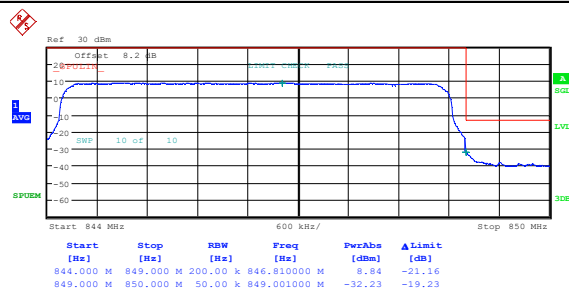
Rev.: 01

Page: 33 of 69



Date: 16.SEP.2023 08:32:58

1-N5-PC3-15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@24-Ant1-PASS



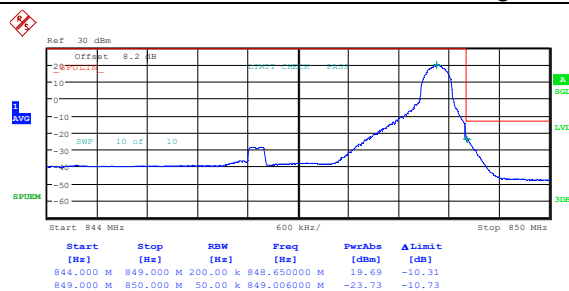
Date: 16.SEP.2023 08:33:15

1-N5-PC3-15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0-Ant1-PASS

Report No.: XEWM2309000451RG02

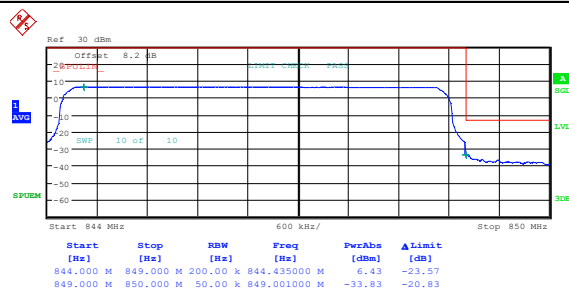
Rev.: 01

Page: 34 of 69



Date: 16.SEP.2023 08:34:34

1-N5-PC3-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant1-PASS



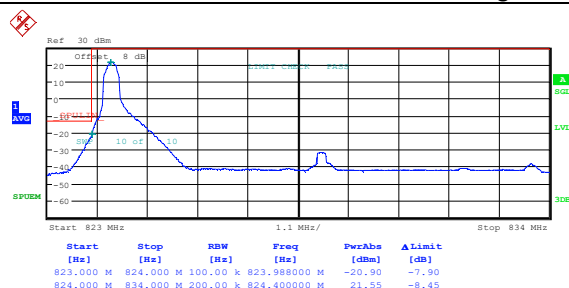
Date: 16.SEP.2023 08:34:50

1-N5-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-PASS

Report No.: XEWM2309000451RG02

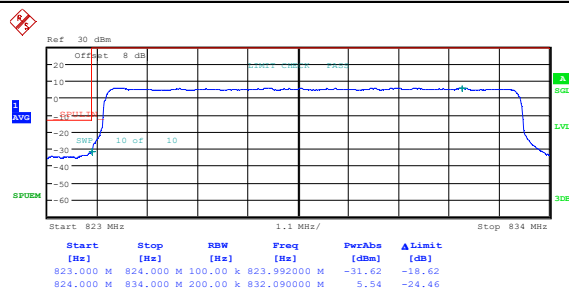
Rev.: 01

Page: 35 of 69



Date: 16.SEP.2023 08:36:34

1-N5-PC3-15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-PASS



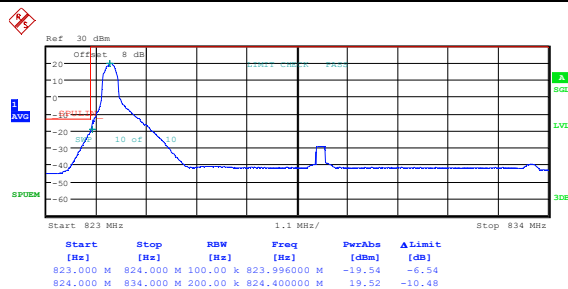
Date: 16.SEP.2023 08:36:50

1-N5-PC3-15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-PASS

Report No.: XEWM2309000451RG02

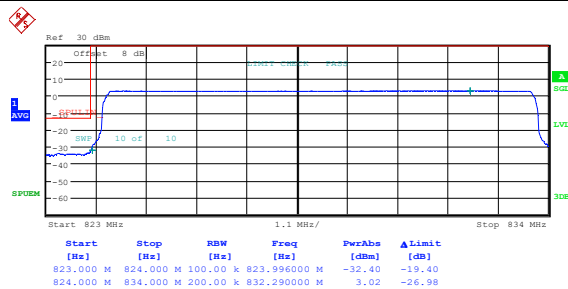
Rev.: 01

Page: 36 of 69



Date: 16.SEP.2023 08:38:10

1-N5-PC3-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS



Date: 16.SEP.2023 08:38:27

1-N5-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-PASS



SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

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

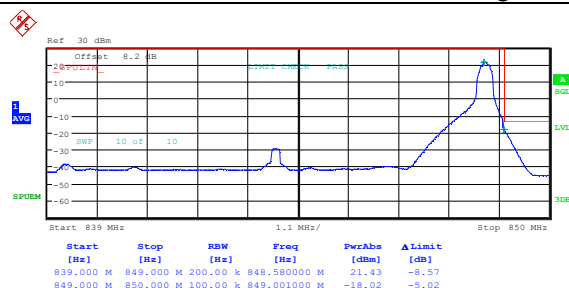
1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

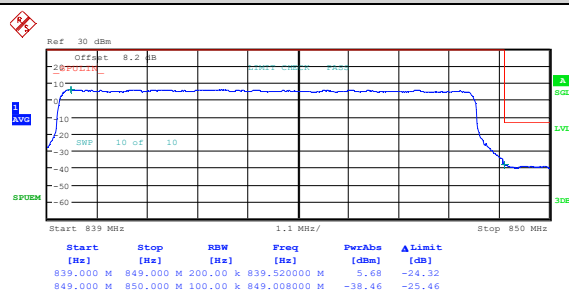
Rev.: 01

Page: 37 of 69



Date: 16-SEP-2023 08:40:10

1-N5-PC3-15-10-H-2-DFT-PI2BPSK-Edge 1RB Right-1@51-Ant1-PASS



Date: 16.SEP.2023 08:40:26

1-N5-PC3-15-10-H-3-DFT-PI2BPSK-Outer Full-50@0-Ant1-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>, and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of its mandate, and any, in any event, the Company is not responsible for the accuracy of the information or the results of any transaction from exercise of 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.

For more information on the availability of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com.

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

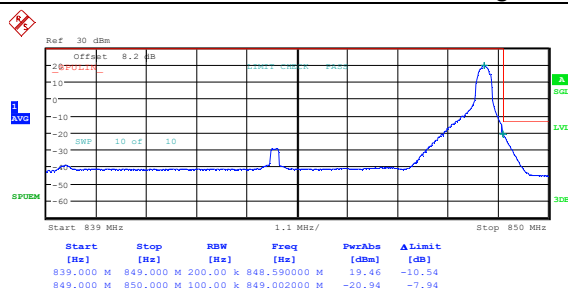
t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: XEWM2309000451RG02

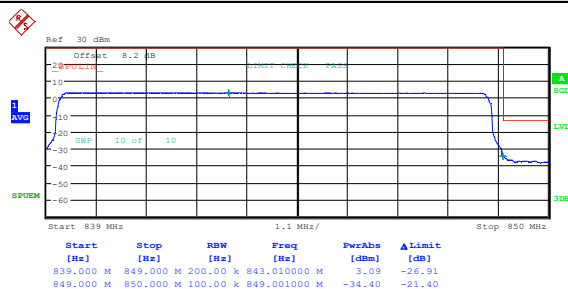
Rev.: 01

Page: 38 of 69



Date: 16.SEP.2023 08:41:46

1-N5-PC3-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant1-PASS



Date: 16.SEP.2023 08:42:02

1-N5-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-PASS



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

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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层

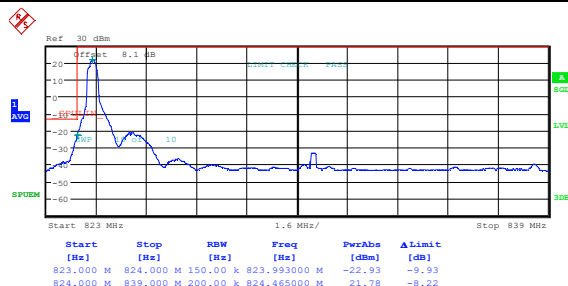
710086
邮编: 710086
t (86-29) 6282 7885
t (86-29) 6282 7885
www.sgs.com.cn
sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: XEWM2309000451RG02

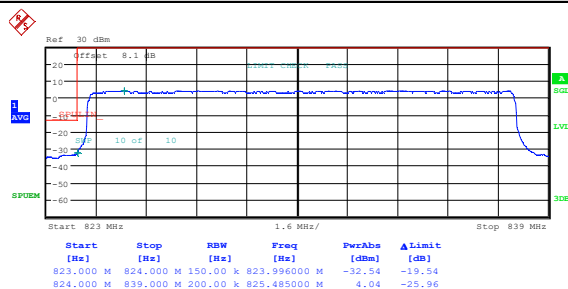
Rev.: 01

Page: 39 of 69



Date: 16.SEP.2023 08:43:58

1-N5-PC3-15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-PASS



Date: 16.SEP.2023 08:44:14

1-N5-PC3-15-15-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-PASS



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

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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

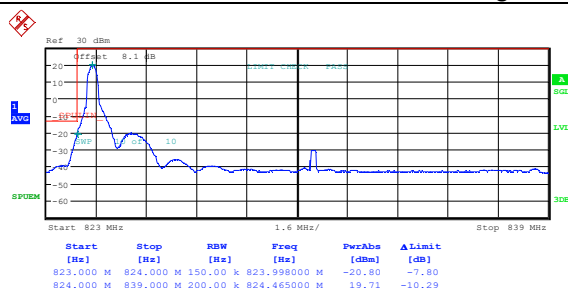
1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层

710086
邮编: 710086
t (86-29) 6282 7885
www.sgs.com.cn
sgs.china@sgs.com

Report No.: XEWM2309000451RG02

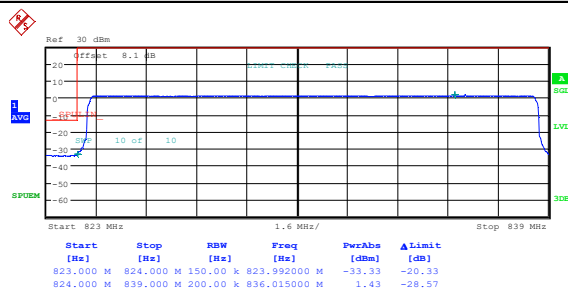
Rev.: 01

Page: 40 of 69



Date: 16.SEP.2023 08:45:33

1-N5-PC3-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS



Date: 16.SEP.2023 08:45:49

1-N5-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-PASS



SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

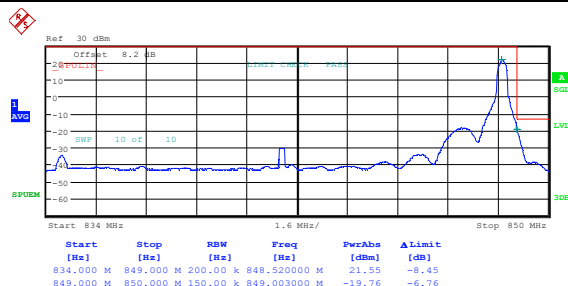
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
 中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086
 t (86-29) 6282 7885 www.sgs.com.cn
 t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

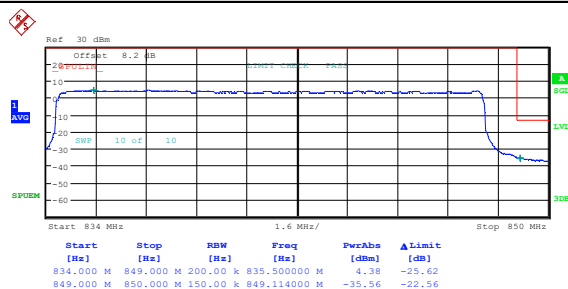
Rev.: 01

Page: 41 of 69



Date: 16.SEP.2023 08:47:51

1-N5-PC3-15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@78-Ant1-PASS



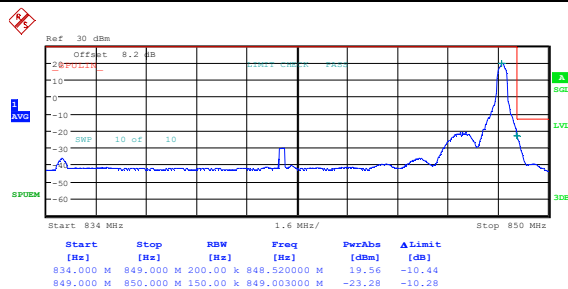
Date: 16.SEP.2023 08:48:07

1-N5-PC3-15-15-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-PASS

Report No.: XEWM2309000451RG02

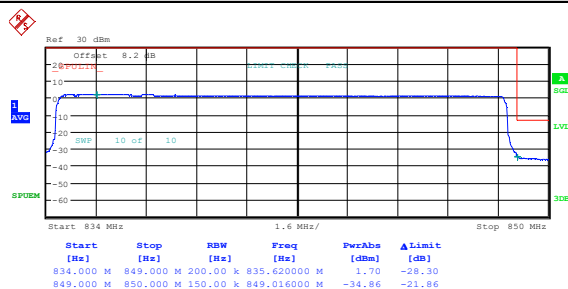
Rev.: 01

Page: 42 of 69



Date: 16.SEP.2023 08:49:27

1-N5-PC3-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant1-PASS



Date: 16.SEP.2023 08:49:43

1-N5-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-PASS



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

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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层

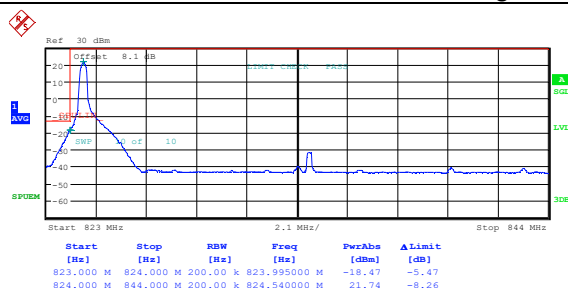
710086
邮编: 710086
t (86-29) 6282 7885
t (86-29) 6282 7885
www.sgs.com.cn
sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: XEWM2309000451RG02

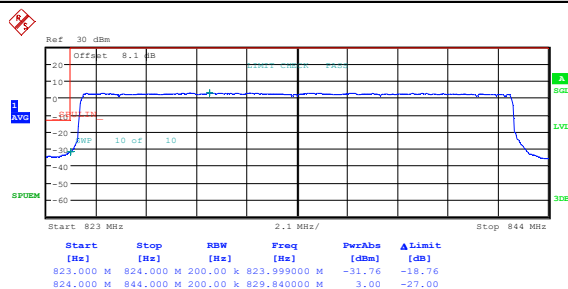
Rev.: 01

Page: 43 of 69



Date: 16.SEP.2023 08:51:02

1-N5-PC3-15-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-PASS



Date: 16.SEP.2023 08:51:19

1-N5-PC3-15-20-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-PASS



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

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

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

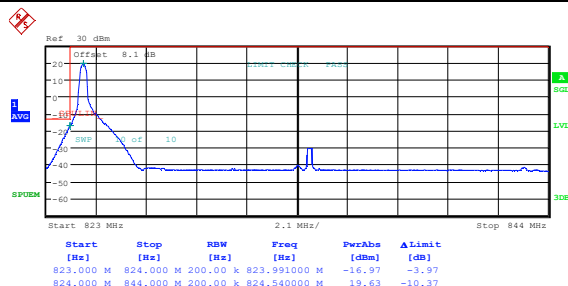
t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: XEWM2309000451RG02

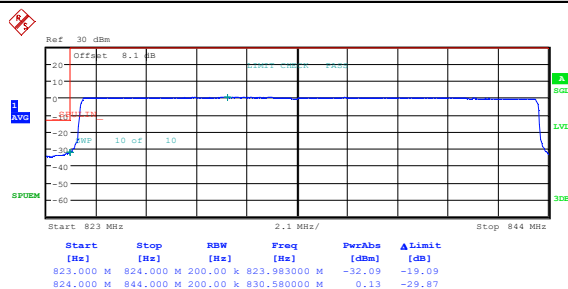
Rev.: 01

Page: 44 of 69



Date: 16.SEP.2023 08:52:38

1-N5-PC3-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS



Date: 16.SEP.2023 08:52:56

1-N5-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-PASS



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

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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

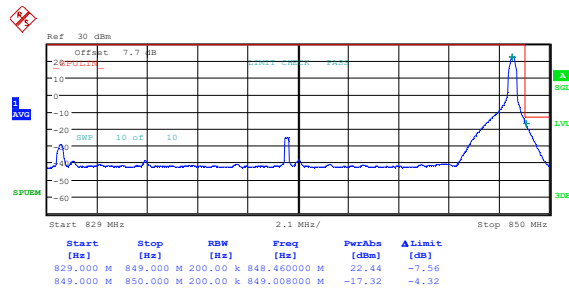
1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层

710086
邮编: 710086
t (86-29) 6282 7885
www.sgs.com.cn
sgs.china@sgs.com

Report No.: XEWM2309000451RG02

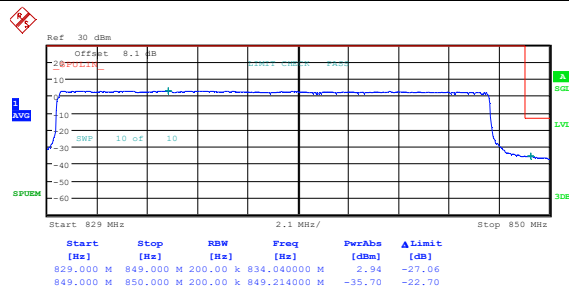
Rev.: 01

Page: 45 of 69



Date: 12.OCT.2023 16:14:24

1-N5-PC3-15-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant1-PASS



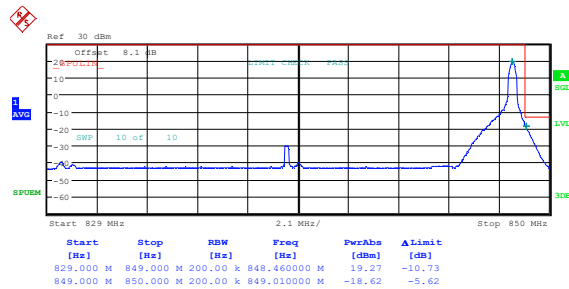
Date: 16.SEP.2023 08:54:56

1-N5-PC3-15-20-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-PASS

Report No.: XEWM2309000451RG02

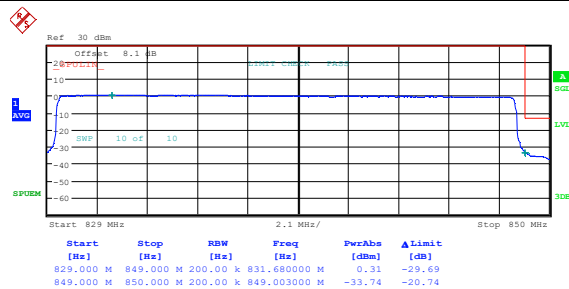
Rev.: 01

Page: 46 of 69



Date: 16.SEP.2023 08:56:15

1-N5-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-PASS



Date: 16.SEP.2023 08:56:31

1-N5-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-PASS

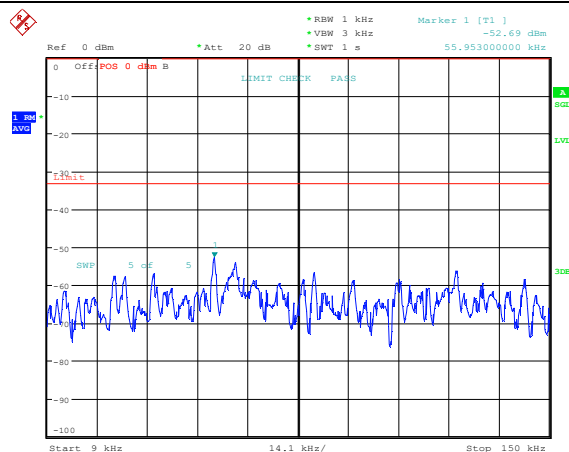
Report No.: XEWM2309000451RG02

Rev.: 01

Page: 47 of 69

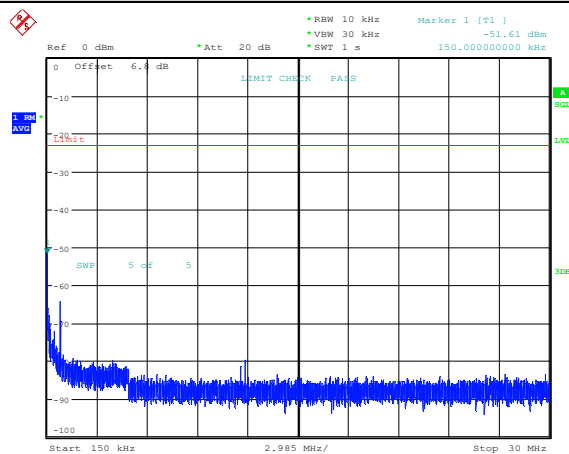
Conducted Spurious Emission for SA

Test Graphs



Date: 12.SEP.2023 09:39:33

1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.06--52.69--33-PASS



Date: 12.SEP.2023 09:39:42

1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-0.15--51.61--23-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

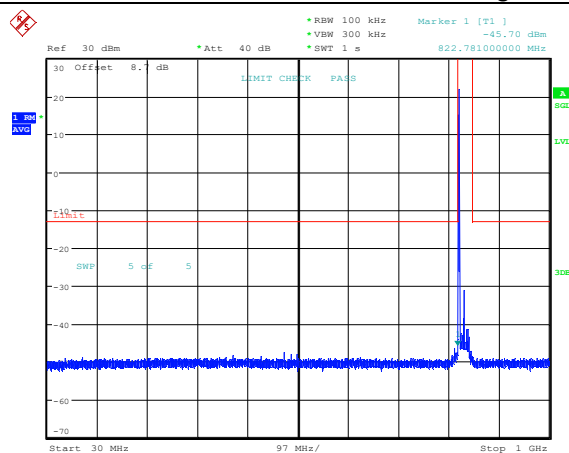
1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

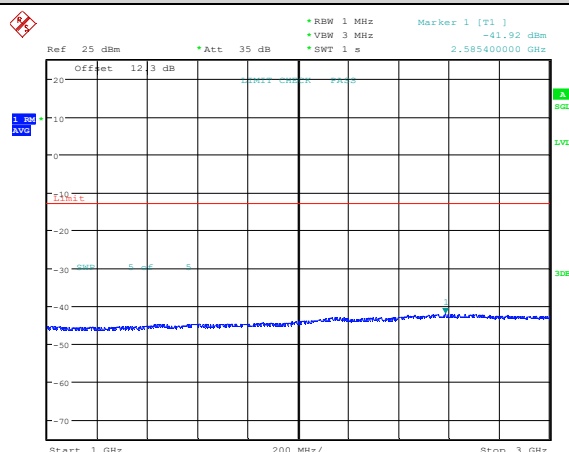
Rev.: 01

Page: 48 of 69



Date: 12.SEP.2023 09:46:16

1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-822.88--45.70--13-PASS



Date: 12.SEP.2023 09:39:57

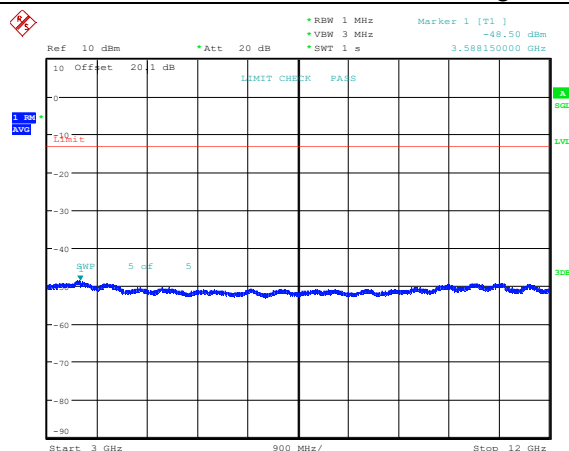
1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2585.40--41.92--13-PAS

S

Report No.: XEWM2309000451RG02

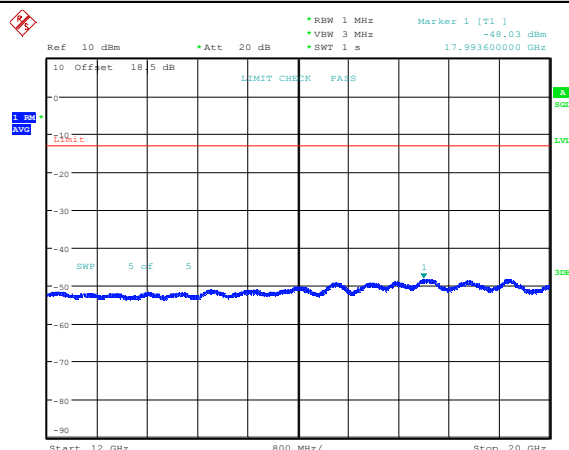
Rev.: 01

Page: 49 of 69



Date: 12.SEP.2023 09:40:05

1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-3588.15--48.50--13-PA
SS



Date: 12.SEP.2023 09:40:13

1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant1-17993.60--48.03--13-P
ASS



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

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

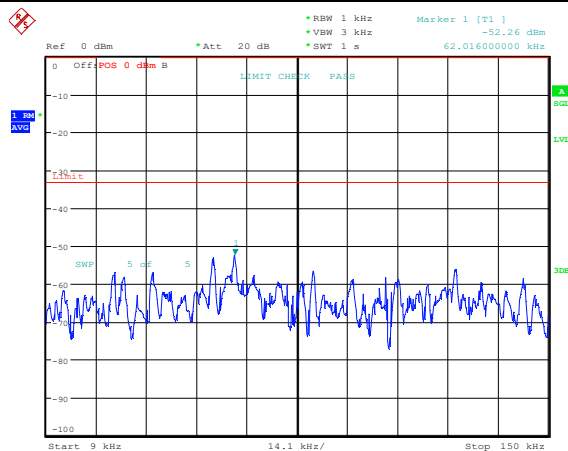
1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

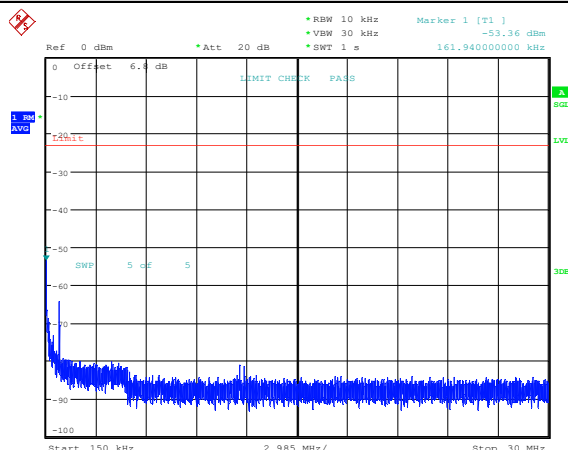
Rev.: 01

Page: 50 of 69



Date: 12.SEP.2023 09:41:12

1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.06--52.26--33-PASS



Date: 12.SEP.2023 09:41:20

1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-0.16--53.36--23-PASS



SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

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

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

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

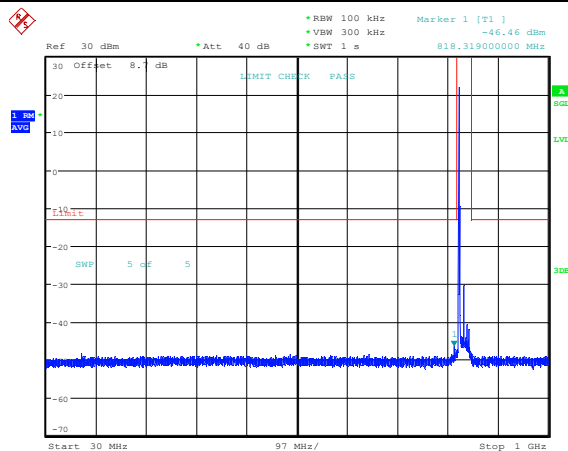
t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: XEWM2309000451RG02

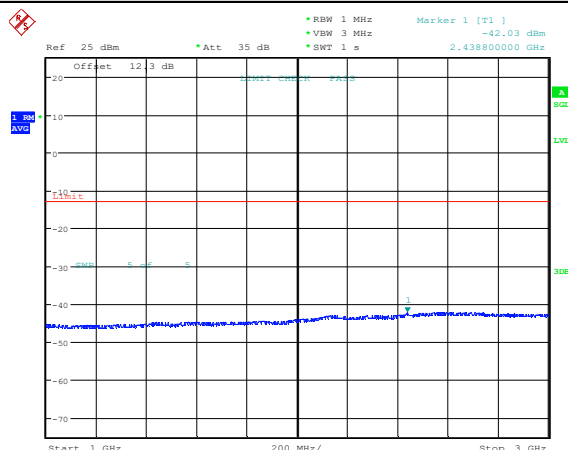
Rev.: 01

Page: 51 of 69



Date: 12.SEP.2023 09:47:17

1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-818.32--46.46--13-PASS



Date: 12.SEP.2023 09:41:35

1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2438.80--42.03--13-PAS

S



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

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

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

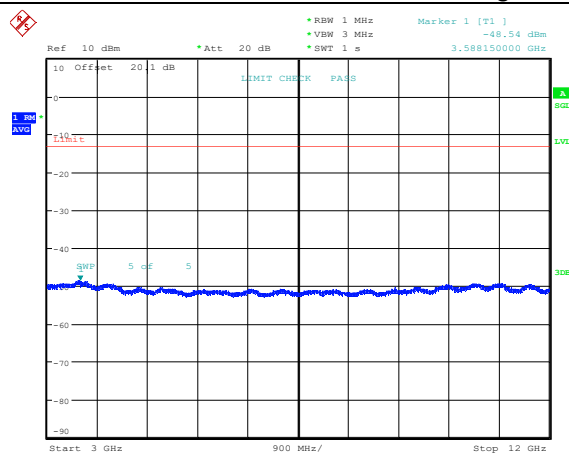
t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: XEWM2309000451RG02

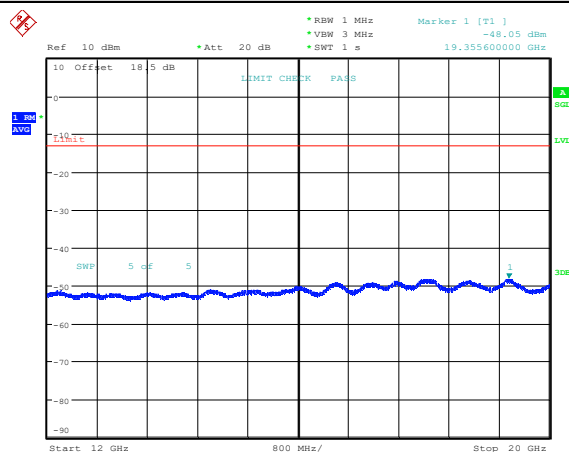
Rev.: 01

Page: 52 of 69



Date: 12.SEP.2023 09:41:44

1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-3588.15--48.54--13-PA
SS



Date: 12.SEP.2023 09:41:52

1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant1-19355.60--48.05--13-
PASS



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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

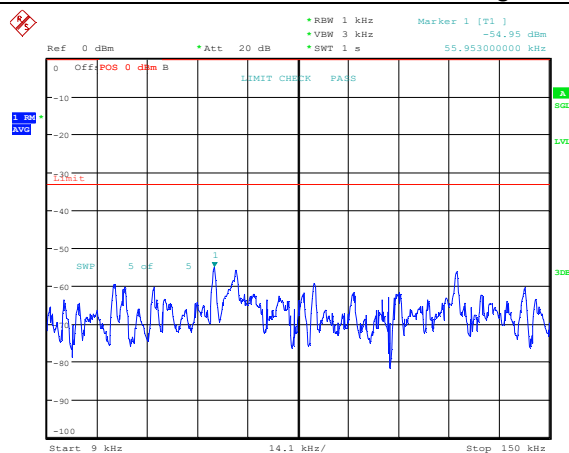
t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: XEWM2309000451RG02

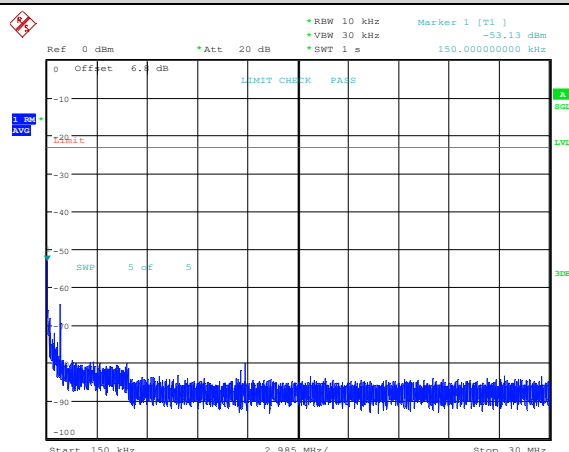
Rev.: 01

Page: 53 of 69



Date: 12.SEP.2023 09:42:51

1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.06--54.95--33-PASS



Date: 12.SEP.2023 09:42:59

1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-0.15--53.13--23-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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

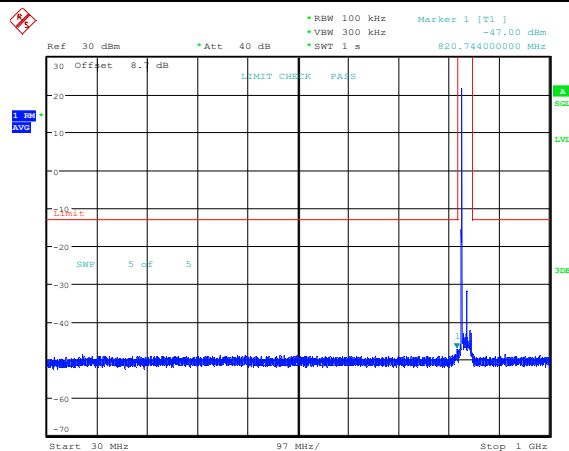
t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: XEWM2309000451RG02

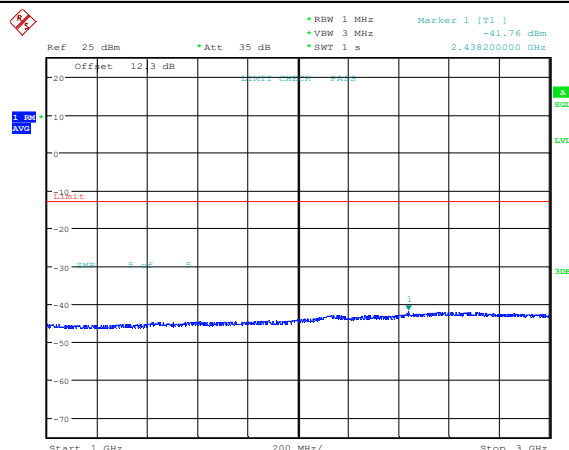
Rev.: 01

Page: 54 of 69



Date: 12.SEP.2023 09:48:17

1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-820.84--47.00--13-PASS



Date: 12.SEP.2023 09:43:30

1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2438.20--41.76--13-PAS

S



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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

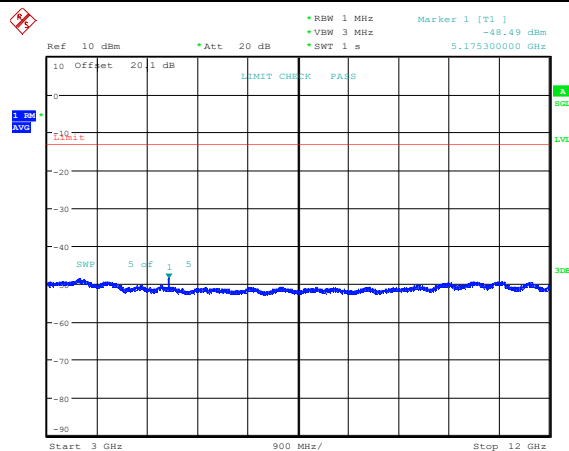
t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: XEWM2309000451RG02

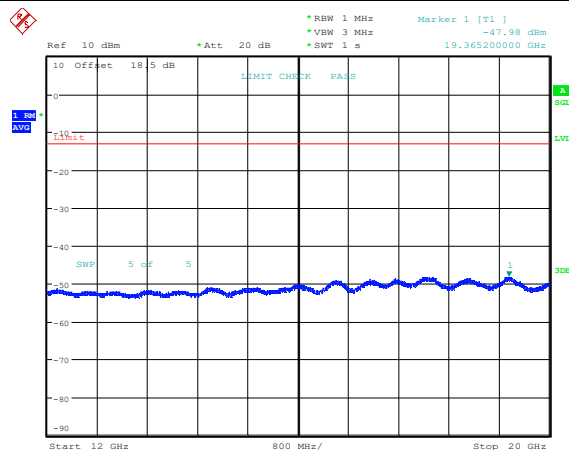
Rev.: 01

Page: 55 of 69



Date: 12.SEP.2023 09:43:40

1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-5175.30--48.49--13-PA
SS



Date: 12.SEP.2023 09:43:49

1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant1-19365.20--47.98--13-P
ASS



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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: XEWM2309000451RG02

Rev.: 01

Page: 56 of 69

Field Strength of Spurious Radiation

Test Band = SA_N5 ANT 1
Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1596.5	47.81	-47.61	25.04	-70.02	-13.00	57.02	Horizontal
2	2403	47.54	-46.61	27.41	-66.92	-13.00	53.92	Horizontal
3	3318	47.88	-45.69	28.54	-64.53	-13.00	51.53	Horizontal
4	5832.5	45.83	-41.11	32.53	-58.01	-13.00	45.01	Horizontal
5	8250	42.73	-37.06	36.50	-53.09	-13.00	40.09	Horizontal
6	9887.5	42.12	-35.32	38.50	-49.96	-13.00	36.96	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1412.5	47.51	-47.42	25.00	-70.17	-13.00	57.17	Vertical
2	2203	47.35	-47.00	26.89	-68.02	-13.00	55.02	Vertical
3	3318.5	47.48	-45.69	28.54	-64.93	-13.00	51.93	Vertical
4	4425	46.35	-43.22	30.10	-62.03	-13.00	49.03	Vertical
5	7459.5	43.41	-38.37	36.82	-53.40	-13.00	40.40	Vertical
6	9781.5	42.03	-35.65	38.43	-50.45	-13.00	37.45	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

Rev.: 01

Page: 57 of 69

Test Band = SA_N5 ANT 1
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1438.5	47.13	-47.48	25.21	-70.40	-13.00	57.40	Horizontal
2	2365	47.18	-46.62	27.54	-67.16	-13.00	54.16	Horizontal
3	3317.5	48.01	-45.70	28.54	-64.41	-13.00	51.41	Horizontal
4	5158	45.26	-42.57	31.82	-60.75	-13.00	47.75	Horizontal
5	7415.5	43.68	-38.35	36.73	-53.20	-13.00	40.20	Horizontal
6	9906	41.51	-35.31	38.61	-50.45	-13.00	37.45	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1454	47.17	-47.51	25.27	-70.33	-13.00	57.33	Vertical
2	2415	47.48	-46.62	27.46	-66.94	-13.00	53.94	Vertical
3	3316	48.34	-45.70	28.53	-64.09	-13.00	51.09	Vertical
4	4771.5	46.21	-42.91	30.63	-61.33	-13.00	48.33	Vertical
5	7429	43.84	-38.36	36.76	-53.02	-13.00	40.02	Vertical
6	9911.5	42.10	-35.33	38.61	-49.88	-13.00	36.88	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
 Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
 中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
 t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

Rev.: 01

Page: 58 of 69

Test Band = SA_N5 ANT 1
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1451.5	47.74	-47.51	25.29	-69.74	-13.00	56.74	Horizontal
2	2342.5	47.39	-46.63	27.53	-66.97	-13.00	53.97	Horizontal
3	3315	48.09	-45.70	28.53	-64.34	-13.00	51.34	Horizontal
4	5274	45.47	-42.29	31.74	-60.34	-13.00	47.34	Horizontal
5	7398.5	43.75	-38.36	36.69	-53.18	-13.00	40.18	Horizontal
6	9995	42.30	-35.66	38.70	-49.92	-13.00	36.92	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1427	47.42	-47.45	25.12	-70.17	-13.00	57.17	Vertical
2	2336.5	47.59	-46.63	27.47	-66.83	-13.00	53.83	Vertical
3	3315.5	48.01	-45.70	28.53	-64.42	-13.00	51.42	Vertical
4	4436	46.13	-43.19	30.10	-62.22	-13.00	49.22	Vertical
5	7423.5	43.48	-38.36	36.75	-53.39	-13.00	40.39	Vertical
6	9939	41.80	-35.44	38.64	-50.26	-13.00	37.26	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com



Report No.: XEWM2309000451RG02

Rev.: 01

Page: 59 of 69

Test Band = SA_N5 ANT 0

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1351	47.36	-47.63	25.10	-70.43	-13.00	57.43	Horizontal
2	2352	47.38	-46.62	27.59	-66.91	-13.00	53.91	Horizontal
3	3319	47.45	-45.69	28.54	-64.96	-13.00	51.96	Horizontal
4	4423.5	46.08	-43.22	30.10	-62.30	-13.00	49.30	Horizontal
5	7894	43.08	-37.50	36.54	-53.14	-13.00	40.14	Horizontal
6	9946	41.75	-35.47	38.65	-50.33	-13.00	37.33	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1237.5	47.48	-47.89	24.53	-71.14	-13.00	58.14	Vertical
2	1766.5	47.44	-47.36	25.13	-70.05	-13.00	57.05	Vertical
3	2516.5	47.28	-46.60	27.80	-66.78	-13.00	53.78	Vertical
4	3316.5	47.52	-45.70	28.53	-64.91	-13.00	51.91	Vertical
5	5162	45.48	-42.56	31.82	-60.52	-13.00	47.52	Vertical
6	9880	42.26	-35.34	38.44	-49.90	-13.00	36.90	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com



Report No.: XEWM2309000451RG02

Rev.: 01

Page: 60 of 69

Test Band = SA_N5 ANT 0

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1152	47.63	-47.81	24.50	-70.94	-13.00	57.94	Horizontal
2	2113	47.13	-46.89	26.72	-68.30	-13.00	55.30	Horizontal
3	3315	47.72	-45.70	28.53	-64.71	-13.00	51.71	Horizontal
4	4327	46.16	-42.99	29.72	-62.37	-13.00	49.37	Horizontal
5	7371	44.05	-38.47	36.58	-53.10	-13.00	40.10	Horizontal
6	9889	42.11	-35.32	38.51	-49.96	-13.00	36.96	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1185	47.60	-47.86	24.57	-70.95	-13.00	57.95	Vertical
2	1425	47.58	-47.45	25.10	-70.03	-13.00	57.03	Vertical
3	2389	47.35	-46.61	27.44	-67.08	-13.00	54.08	Vertical
4	3316.5	48.53	-45.70	28.53	-63.90	-13.00	50.90	Vertical
5	5597	44.53	-41.41	32.58	-59.56	-13.00	46.56	Vertical
6	9940	41.84	-35.45	38.64	-50.23	-13.00	37.23	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

Rev.: 01

Page: 61 of 69

Test Band = SA_N5 ANT 0
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1177.5	47.64	-47.85	24.56	-70.91	-13.00	57.91	Horizontal
2	2455	47.75	-46.65	27.62	-66.54	-13.00	53.54	Horizontal
3	3314.5	48.29	-45.70	28.53	-64.14	-13.00	51.14	Horizontal
4	4324.5	46.32	-42.98	29.70	-62.22	-13.00	49.22	Horizontal
5	6637	44.15	-40.08	34.87	-56.32	-13.00	43.32	Horizontal
6	9937	41.84	-35.43	38.64	-50.21	-13.00	37.21	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1441	47.54	-47.48	25.23	-69.97	-13.00	56.97	Vertical
2	2517	47.09	-46.60	27.80	-66.97	-13.00	53.97	Vertical
3	3314	47.40	-45.70	28.53	-65.03	-13.00	52.03	Vertical
4	5058	46.13	-42.79	31.58	-60.34	-13.00	47.34	Vertical
5	7756.5	43.92	-37.89	36.43	-52.80	-13.00	39.80	Vertical
6	9919	42.08	-35.36	38.62	-49.92	-13.00	36.92	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com



Report No.: XEWM2309000451RG02

Rev.: 01

Page: 62 of 69

Test Band = NSA_B7+N5 ANT 4+ANT 1

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3316.5	47.91	-45.35	28.53	-64.17	-13.00	51.17	Horizontal
2	4865	46.36	-42.90	30.69	-61.11	-13.00	48.11	Horizontal
3	7422.5	44.15	-38.28	36.75	-52.64	-13.00	39.64	Horizontal
4	9898	41.96	-34.98	38.58	-49.70	-13.00	36.70	Horizontal
5	13557.5	43.11	-37.90	40.02	-50.03	-13.00	37.03	Horizontal
6	16597.5	41.64	-35.35	39.50	-49.47	-13.00	36.47	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3972.5	46.76	-44.18	29.86	-62.82	-13.00	49.82	Vertical
2	5593.5	45.21	-41.47	32.55	-58.97	-13.00	45.97	Vertical
3	7390.5	44.57	-38.34	36.66	-52.37	-13.00	39.37	Vertical
4	9877.5	42.46	-35.13	38.42	-49.51	-13.00	36.51	Vertical
5	13557	42.88	-37.90	40.01	-50.27	-13.00	37.27	Vertical
6	17995.5	40.96	-43.08	48.12	-49.26	-13.00	36.26	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

Rev.: 01

Page: 63 of 69

Test Band = NSA_B7+N5 ANT 4+ANT 1
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3938	47.34	-44.19	29.85	-62.26	-13.00	49.26	Horizontal
2	5618	45.28	-41.39	32.56	-58.81	-13.00	45.81	Horizontal
3	7157	43.84	-38.85	36.43	-53.84	-13.00	40.84	Horizontal
4	9907	42.06	-35.14	38.61	-49.73	-13.00	36.73	Horizontal
5	13560	42.89	-37.90	40.02	-50.25	-13.00	37.25	Horizontal
6	17997	41.42	-43.06	48.15	-48.75	-13.00	35.75	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3940	47.02	-44.19	29.86	-62.57	-13.00	49.57	Vertical
2	5162	46.08	-42.54	31.82	-59.90	-13.00	46.90	Vertical
3	8428.5	43.44	-36.84	36.44	-52.22	-13.00	39.22	Vertical
4	9935.5	42.82	-35.89	38.64	-49.69	-13.00	36.69	Vertical
5	13639	43.00	-37.91	40.14	-50.03	-13.00	37.03	Vertical
6	16590	41.62	-35.37	39.48	-49.53	-13.00	36.53	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
 Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
 中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
 t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

Rev.: 01

Page: 64 of 69

Test Band = NSA_B7+N5 ANT 4+ANT 1
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3944	46.93	-44.19	29.88	-62.64	-13.00	49.64	Horizontal
2	6122	45.30	-40.60	33.36	-57.20	-13.00	44.20	Horizontal
3	7777.5	43.83	-37.82	36.51	-52.74	-13.00	39.74	Horizontal
4	9886	42.40	-35.07	38.49	-49.44	-13.00	36.44	Horizontal
5	13554	42.88	-37.91	40.01	-50.28	-13.00	37.28	Horizontal
6	16346	42.11	-35.12	38.64	-49.63	-13.00	36.63	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3842	47.33	-44.62	29.72	-62.83	-13.00	49.83	Vertical
2	5870	45.48	-41.21	32.68	-58.31	-13.00	45.31	Vertical
3	7418	44.03	-38.28	36.74	-52.77	-13.00	39.77	Vertical
4	9880.5	42.27	-35.11	38.44	-49.66	-13.00	36.66	Vertical
5	13556.5	42.95	-37.91	40.01	-50.21	-13.00	37.21	Vertical
6	18000	40.77	-43.04	48.20	-49.33	-13.00	36.33	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

Rev.: 01

Page: 65 of 69

Test Band = NSA_B66+N5 ANT 5+ANT 1
Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3316.5	48.08	-45.35	28.53	-64.00	-13.00	51.00	Horizontal
2	4686	46.97	-42.96	30.49	-60.76	-13.00	47.76	Horizontal
3	7437.5	43.90	-38.28	36.78	-52.86	-13.00	39.86	Horizontal
4	9899	42.09	-34.97	38.59	-49.55	-13.00	36.55	Horizontal
5	13608	42.83	-37.85	40.11	-50.17	-13.00	37.17	Horizontal
6	16492.5	42.10	-35.56	39.26	-49.46	-13.00	36.46	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3318.5	47.65	-45.35	28.54	-64.42	-13.00	51.42	Vertical
2	5775.5	45.78	-41.36	32.45	-58.39	-13.00	45.39	Vertical
3	8378.5	43.71	-36.99	36.41	-52.13	-13.00	39.13	Vertical
4	9880.5	41.98	-35.11	38.44	-49.95	-13.00	36.95	Vertical
5	13569.5	43.34	-37.89	40.04	-49.77	-13.00	36.77	Vertical
6	17997.5	40.89	-43.06	48.16	-49.27	-13.00	36.27	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

Rev.: 01

Page: 66 of 69

Test Band = NSA_B66+N5 ANT 5+ANT 1

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3937	47.95	-44.19	29.85	-61.65	-13.00	48.65	Horizontal
2	6062	45.25	-40.81	33.48	-57.34	-13.00	44.34	Horizontal
3	7417	44.25	-38.28	36.73	-52.56	-13.00	39.56	Horizontal
4	9889.5	41.89	-35.04	38.52	-49.89	-13.00	36.89	Horizontal
5	13646.5	43.06	-37.92	40.15	-49.97	-13.00	36.97	Horizontal
6	17991	40.94	-43.11	48.04	-49.39	-13.00	36.39	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3555.5	46.87	-44.69	28.99	-64.09	-13.00	51.09	Vertical
2	4904.5	45.94	-42.87	30.91	-61.28	-13.00	48.28	Vertical
3	7352	43.45	-38.57	36.51	-53.87	-13.00	40.87	Vertical
4	9892.5	41.86	-35.02	38.54	-49.88	-13.00	36.88	Vertical
5	13580	42.84	-37.87	40.06	-50.23	-13.00	37.23	Vertical
6	16602	41.99	-35.46	39.50	-49.23	-13.00	36.23	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

Report No.: XEWM2309000451RG02

Rev.: 01

Page: 67 of 69

Test Band = NSA_B66+N5 ANT 5+ANT 1
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3314	48.10	-45.35	28.53	-63.98	-13.00	50.98	Horizontal
2	5448	45.39	-41.92	32.21	-59.58	-13.00	46.58	Horizontal
3	7418	44.15	-38.28	36.74	-52.65	-13.00	39.65	Horizontal
4	9914.5	42.83	-35.34	38.61	-49.16	-13.00	36.16	Horizontal
5	13524.5	42.77	-37.95	39.95	-50.49	-13.00	37.49	Horizontal
6	17997	41.02	-43.06	48.15	-49.15	-13.00	36.15	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3916.5	46.93	-44.20	29.77	-62.76	-13.00	49.76	Vertical
2	6124	45.32	-40.60	33.35	-57.19	-13.00	44.19	Vertical
3	7424.5	43.79	-38.28	36.75	-53.00	-13.00	40.00	Vertical
4	9912	42.43	-35.28	38.61	-49.50	-13.00	36.50	Vertical
5	13419	43.94	-38.65	39.66	-50.31	-13.00	37.31	Vertical
6	16356	42.52	-35.06	38.67	-49.13	-13.00	36.13	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
 中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086
 t (86-29) 6282 7885 www.sgsgroup.com.cn
 t (86-29) 6282 7885 sgs.china@sgs.com



Report No.: XEWM2309000451RG02

Rev.: 01

Page: 68 of 69

Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage											
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	DeviationI (ppm)	Limit	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-7.95	-0.01	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-4.78	-0.01	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-5.94	-0.01	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VH	NT	-0.87	0.00	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VN	NT	-4.51	-0.01	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VL	NT	-3.86	0.00	±2.5	PASS



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

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

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com



Report No.: XEWM2309000451RG02

Rev.: 01

Page: 69 of 69

Frequency Error VS. Temperature

Temperature											
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Limit	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-3.874000	-0.004631	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-5.442000	-0.006506	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-3.751000	-0.004484	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-3.469000	-0.004147	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-3.926000	-0.004693	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-4.869000	-0.005821	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-4.802000	-0.005741	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-4.151000	-0.004962	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-3.051000	-0.003647	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-30	-6.342000	-0.007582	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-20	-3.193000	-0.003817	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-10	-6.912000	-0.008263	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	0	-4.456000	-0.005327	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	10	-6.095000	-0.007286	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	20	-5.001000	-0.005978	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	30	-6.100000	-0.007292	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	40	-7.146000	-0.008543	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	50	-4.768000	-0.005700	±2.5	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
 中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086
 t (86-29) 6282 7885 www.sgs.com.cn
 t (86-29) 6282 7885 sgs.china@sgs.com