

Report No.: SUZR/2022/1002202

Rev.: 02

Page: 1 of 76

Appendix B.11

NR Band n2



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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区湖胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SUZR/2022/1002202

Rev.: 02

Page: 2 of 76

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.68	26.31	33	PASS
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.67	26.3	33	PASS
N2	15	5	DFT-PI2BPSK	L	Outer_Full	22.67	25.3	33	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Left	23.72	26.35	33	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Right	23.71	26.34	33	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	22.67	25.3	33	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Left	22.29	24.92	33	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Right	22.28	24.91	33	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	21.67	24.3	33	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Left	20.95	23.58	33	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Right	20.94	23.57	33	PASS
N2	15	5	DFT-64QAM	L	Outer_Full	21.15	23.78	33	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Left	19.17	21.8	33	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Right	19.18	21.81	33	PASS
N2	15	5	DFT-256QAM	L	Outer_Full	19.08	21.71	33	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.77	26.4	33	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.72	26.35	33	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	22.74	25.37	33	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Left	23.78	26.41	33	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Right	23.73	26.36	33	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	22.74	25.37	33	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Left	22.57	25.2	33	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Right	22.45	25.08	33	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	21.76	24.39	33	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Left	21.33	23.96	33	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Right	21.26	23.89	33	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	21.29	23.92	33	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Left	19.22	21.85	33	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Right	19.15	21.78	33	PASS
N2	15	5	DFT-256QAM	M	Outer_Full	19.2	21.83	33	PASS
N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.26	25.89	33	PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编：215000

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

Report No.: SUZR/2022/1002202

Rev.: 02

Page: 3 of 76

N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.33	25.96	33	PASS
N2	15	5	DFT-PI2BPSK	H	Outer_Full	22.37	25	33	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Left	23.41	26.04	33	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Right	23.42	26.05	33	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	22.34	24.97	33	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Left	21.94	24.57	33	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Right	21.98	24.61	33	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	21.33	23.96	33	PASS
N2	15	5	DFT-64QAM	H	Inner_1RB_Left	20.66	23.29	33	PASS
N2	15	5	DFT-64QAM	H	Inner_1RB_Right	20.55	23.18	33	PASS
N2	15	5	DFT-64QAM	H	Outer_Full	20.91	23.54	33	PASS
N2	15	5	DFT-256QAM	H	Inner_1RB_Left	18.88	21.51	33	PASS
N2	15	5	DFT-256QAM	H	Inner_1RB_Right	18.82	21.45	33	PASS
N2	15	5	DFT-256QAM	H	Outer_Full	18.82	21.45	33	PASS
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.69	26.32	33	PASS
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.72	26.35	33	PASS
N2	15	10	DFT-PI2BPSK	L	Outer_Full	22.73	25.36	33	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Left	23.78	26.41	33	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Right	23.86	26.49	33	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	22.76	25.39	33	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Left	22.35	24.98	33	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Right	22.37	25	33	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	21.74	24.37	33	PASS
N2	15	10	DFT-64QAM	L	Inner_1RB_Left	20.89	23.52	33	PASS
N2	15	10	DFT-64QAM	L	Inner_1RB_Right	21	23.63	33	PASS
N2	15	10	DFT-64QAM	L	Outer_Full	21.26	23.89	33	PASS
N2	15	10	DFT-256QAM	L	Inner_1RB_Left	19.19	21.82	33	PASS
N2	15	10	DFT-256QAM	L	Inner_1RB_Right	19.28	21.91	33	PASS
N2	15	10	DFT-256QAM	L	Outer_Full	19.27	21.9	33	PASS
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.75	26.38	33	PASS
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.83	26.46	33	PASS
N2	15	10	DFT-PI2BPSK	M	Outer_Full	22.8	25.43	33	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Left	23.78	26.41	33	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Right	23.87	26.5	33	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	22.85	25.48	33	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Left	22.33	24.96	33	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Right	22.46	25.09	33	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	21.75	24.38	33	PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SUZR/2022/1002202

Rev.: 02

Page: 4 of 76

N2	15	10	DFT-64QAM	M	Inner_1RB_Left	21.03	23.66	33	PASS
N2	15	10	DFT-64QAM	M	Inner_1RB_Right	21.1	23.73	33	PASS
N2	15	10	DFT-64QAM	M	Outer_Full	21.33	23.96	33	PASS
N2	15	10	DFT-256QAM	M	Inner_1RB_Left	19.24	21.87	33	PASS
N2	15	10	DFT-256QAM	M	Inner_1RB_Right	19.32	21.95	33	PASS
N2	15	10	DFT-256QAM	M	Outer_Full	19.38	22.01	33	PASS
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.48	26.11	33	PASS
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.46	26.09	33	PASS
N2	15	10	DFT-PI2BPSK	H	Outer_Full	22.43	25.06	33	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Left	23.54	26.17	33	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Right	23.54	26.17	33	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	22.44	25.07	33	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Left	22.12	24.75	33	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Right	22.06	24.69	33	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	21.41	24.04	33	PASS
N2	15	10	DFT-64QAM	H	Inner_1RB_Left	20.77	23.4	33	PASS
N2	15	10	DFT-64QAM	H	Inner_1RB_Right	20.8	23.43	33	PASS
N2	15	10	DFT-64QAM	H	Outer_Full	20.94	23.57	33	PASS
N2	15	10	DFT-256QAM	H	Inner_1RB_Left	18.98	21.61	33	PASS
N2	15	10	DFT-256QAM	H	Inner_1RB_Right	18.97	21.6	33	PASS
N2	15	10	DFT-256QAM	H	Outer_Full	18.93	21.56	33	PASS
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.69	26.32	33	PASS
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.83	26.46	33	PASS
N2	15	15	DFT-PI2BPSK	L	Outer_Full	22.84	25.47	33	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Left	23.75	26.38	33	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Right	23.94	26.57	33	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	22.81	25.44	33	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Left	22.27	24.9	33	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Right	22.39	25.02	33	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	21.85	24.48	33	PASS
N2	15	15	DFT-64QAM	L	Inner_1RB_Left	21.05	23.68	33	PASS
N2	15	15	DFT-64QAM	L	Inner_1RB_Right	21.23	23.86	33	PASS
N2	15	15	DFT-64QAM	L	Outer_Full	21.33	23.96	33	PASS
N2	15	15	DFT-256QAM	L	Inner_1RB_Left	19.19	21.82	33	PASS
N2	15	15	DFT-256QAM	L	Inner_1RB_Right	19.38	22.01	33	PASS
N2	15	15	DFT-256QAM	L	Outer_Full	19.35	21.98	33	PASS
N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.86	26.49	33	PASS
N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.84	26.47	33	PASS



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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SUZR/2022/1002202

Rev.: 02

Page: 5 of 76

N2	15	15	DFT-PI2BPSK	M	Outer_Full	22.97	25.6	33	PASS
N2	15	15	DFT-QPSK	M	Inner_1RB_Left	23.85	26.48	33	PASS
N2	15	15	DFT-QPSK	M	Inner_1RB_Right	24.03	26.66	33	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	22.93	25.56	33	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Left	22.76	25.39	33	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Right	22.77	25.4	33	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	21.93	24.56	33	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Left	21.39	24.02	33	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Right	21.07	23.7	33	PASS
N2	15	15	DFT-64QAM	M	Outer_Full	21.49	24.12	33	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Left	19.33	21.96	33	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Right	19.33	21.96	33	PASS
N2	15	15	DFT-256QAM	M	Outer_Full	19.44	22.07	33	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.61	26.24	33	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.55	26.18	33	PASS
N2	15	15	DFT-PI2BPSK	H	Outer_Full	22.61	25.24	33	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Left	23.69	26.32	33	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Right	23.63	26.26	33	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	22.58	25.21	33	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Left	22.46	25.09	33	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Right	22.45	25.08	33	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	21.65	24.28	33	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Left	21.2	23.83	33	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Right	21.12	23.75	33	PASS
N2	15	15	DFT-64QAM	H	Outer_Full	21.13	23.76	33	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Left	19.04	21.67	33	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Right	19.05	21.68	33	PASS
N2	15	15	DFT-256QAM	H	Outer_Full	19.13	21.76	33	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.77	26.4	33	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.78	26.41	33	PASS
N2	15	20	DFT-PI2BPSK	L	Outer_Full	22.97	25.6	33	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Left	23.85	26.48	33	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Right	23.87	26.5	33	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	23.02	25.65	33	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Left	22.36	24.99	33	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Right	22.34	24.97	33	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	22.01	24.64	33	PASS
N2	15	20	DFT-64QAM	L	Inner_1RB_Left	21.04	23.67	33	PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SUZR/2022/1002202

Rev.: 02

Page: 6 of 76

N2	15	20	DFT-64QAM	L	Inner_1RB_Right	21.13	23.76	33	PASS
N2	15	20	DFT-64QAM	L	Outer_Full	21.49	24.12	33	PASS
N2	15	20	DFT-256QAM	L	Inner_1RB_Left	19.34	21.97	33	PASS
N2	15	20	DFT-256QAM	L	Inner_1RB_Right	19.37	22	33	PASS
N2	15	20	DFT-256QAM	L	Outer_Full	19.5	22.13	33	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.83	26.46	33	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.82	26.45	33	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	22.94	25.57	33	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Left	23.84	26.47	33	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Right	23.96	26.59	33	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	22.9	25.53	33	PASS
N2	15	20	DFT-16QAM	M	Inner_1RB_Left	22.39	25.02	33	PASS
N2	15	20	DFT-16QAM	M	Inner_1RB_Right	22.48	25.11	33	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	21.96	24.59	33	PASS
N2	15	20	DFT-64QAM	M	Inner_1RB_Left	21.21	23.84	33	PASS
N2	15	20	DFT-64QAM	M	Inner_1RB_Right	21.26	23.89	33	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	21.47	24.1	33	PASS
N2	15	20	DFT-256QAM	M	Inner_1RB_Left	19.37	22	33	PASS
N2	15	20	DFT-256QAM	M	Inner_1RB_Right	19.4	22.03	33	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	19.49	22.12	33	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.65	26.28	33	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.58	26.21	33	PASS
N2	15	20	DFT-PI2BPSK	H	Outer_Full	22.59	25.22	33	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Left	23.74	26.37	33	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Right	23.65	26.28	33	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	22.62	25.25	33	PASS
N2	15	20	DFT-16QAM	H	Inner_1RB_Left	22.25	24.88	33	PASS
N2	15	20	DFT-16QAM	H	Inner_1RB_Right	22.14	24.77	33	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	21.59	24.22	33	PASS
N2	15	20	DFT-64QAM	H	Inner_1RB_Left	21.08	23.71	33	PASS
N2	15	20	DFT-64QAM	H	Inner_1RB_Right	20.79	23.42	33	PASS
N2	15	20	DFT-64QAM	H	Outer_Full	21.17	23.8	33	PASS
N2	15	20	DFT-256QAM	H	Inner_1RB_Left	19.23	21.86	33	PASS
N2	15	20	DFT-256QAM	H	Inner_1RB_Right	19.1	21.73	33	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	19.11	21.74	33	PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000

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

Report No.: SUZR/2022/1002202

Rev.: 02

Page: 7 of 76

Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N2	15	20	DFT-256QAM	L	Outer_Full	100%	0.00	11.71	≤13	PASS
N2	15	20	CP-256QAM	L	Outer_Full	100%	0.00	11.77	≤13	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	11.56	≤13	PASS
N2	15	20	CP-256QAM	M	Outer_Full	100%	0.00	11.80	≤13	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	11.79	≤13	PASS
N2	15	20	CP-256QAM	H	Outer_Full	100%	0.00	11.91	≤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-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.

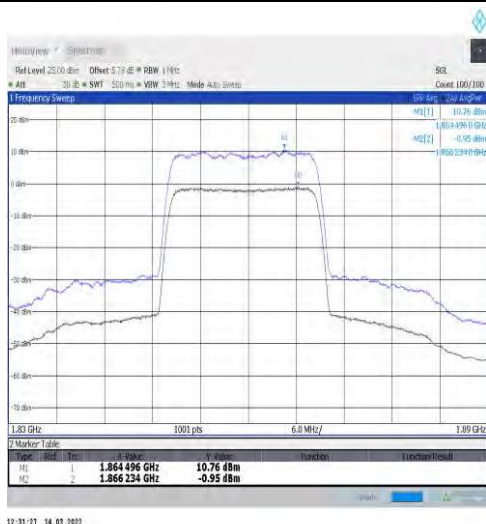
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SUZR/2022/1002202
Rev.: 02
Page: 8 of 76

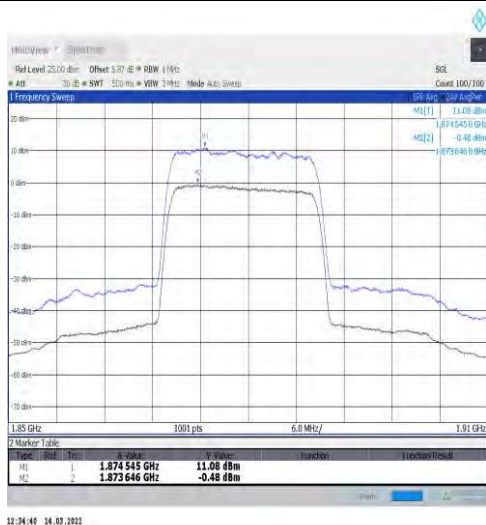
Test Graphs



1-N2-15-20-L-1-DFT-256QAM-Outer_Full-100@0-Ant
t1-11.71-100%-0.00-11.71-PASS-≤13



1-N2-15-20-L-2-CP-256QAM-Outer_Full-106@0-Ant
t1-11.77-100%-0.00-11.77-PASS-≤13



1-N2-15-20-M-1-DFT-256QAM-Outer_Full-100@0-A
nt1-11.56-100%-0.00-11.56-PASS-≤13



1-N2-15-20-M-2-CP-256QAM-Outer_Full-106@0-Ant
t1-11.80-100%-0.00-11.80-PASS-≤13



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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

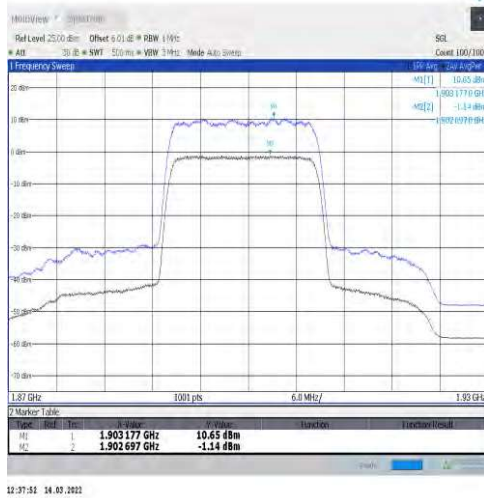
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

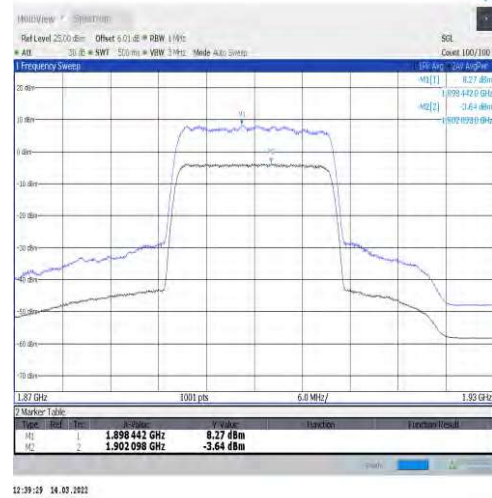
Report No.: SUZR/2022/1002202

Rev.: 02

Page: 9 of 76



1-N2-15-20-H-1-DFT-256QAM-Outer_Full-100@0-An
t1-11.79-100%-0.00-11.79-PASS-≤13



1-N2-15-20-H-2-CP-256QAM-Outer_Full-106@0-An
t1-11.91-100%-0.00-11.91-PASS-≤13



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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区湖胜路1号的6号厂房南楼 邮编: 215000

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

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

Rev.: 02

Page: 10 of 76

Modulation characteristics for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N2	15	20	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	see graph	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	see graph	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	see graph	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	see graph	PASS
N2	15	20	CP-QPSK	M	Outer_Full	see graph	PASS
N2	15	20	CP-16QAM	M	Outer_Full	see graph	PASS
N2	15	20	CP-64QAM	M	Outer_Full	see graph	PASS
N2	15	20	CP-256QAM	M	Outer_Full	see graph	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.

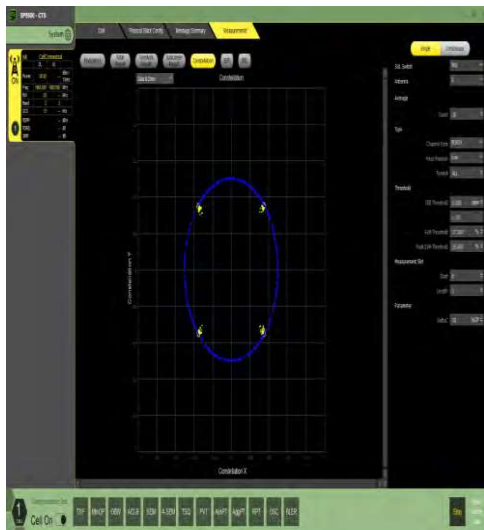
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

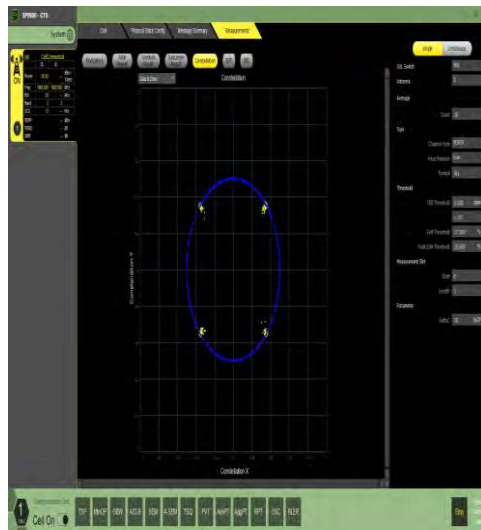
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SUZR/2022/1002202
Rev.: 02
Page: 11 of 76

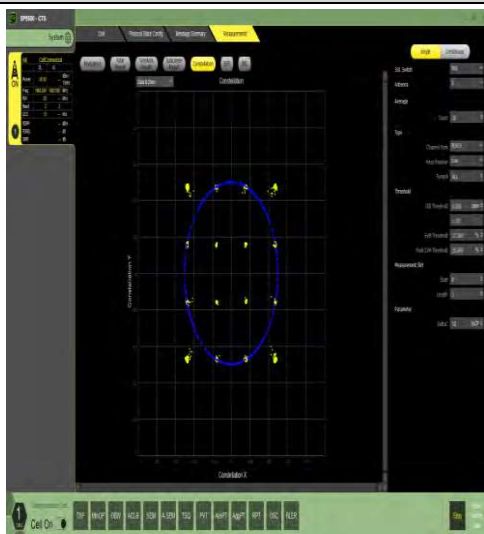
Test Graphs



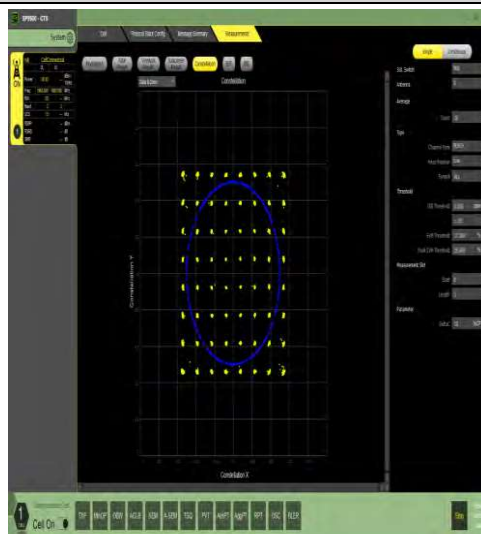
1-N2-15-20-M-1-DFT-PI2BPSK-Outer_Full-100@0-A
nt1-see graph-PASS



1-N2-15-20-M-2-DFT-QPSK-Outer_Full-100@0-Ant
1-see graph-PASS



1-N2-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant
1-see graph-PASS



1-N2-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant
1-see graph-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

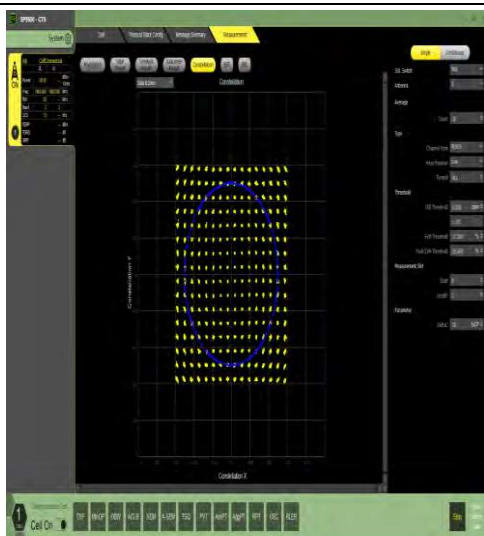
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

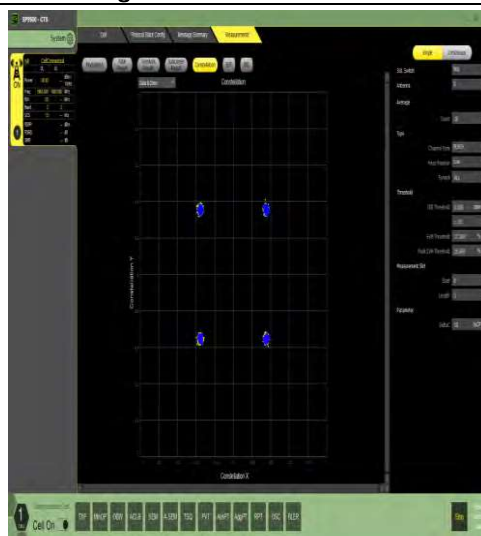
Report No.: SUZR/2022/1002202

Rev.: 02

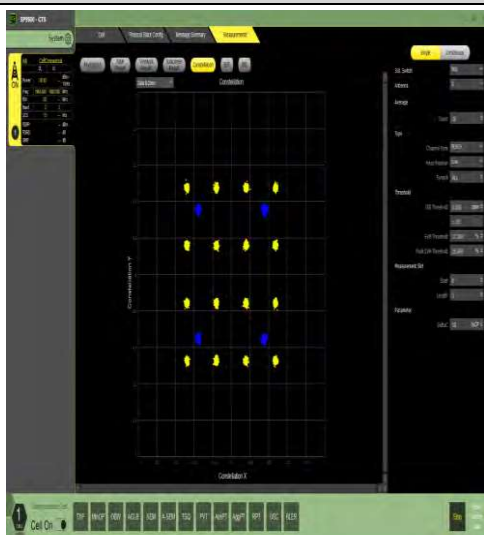
Page: 12 of 76



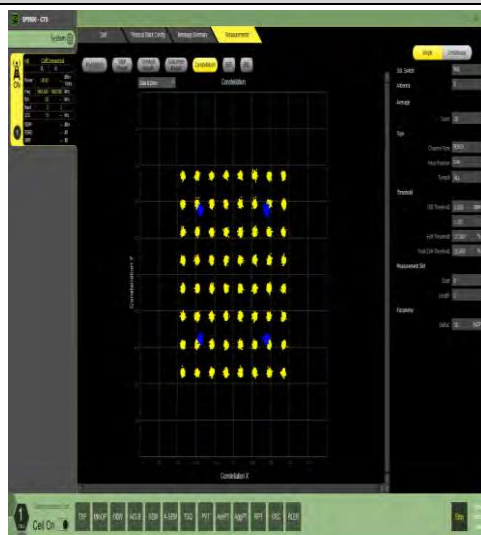
1-N2-15-20-M-5-DFT-256QAM-Outer_Full-100@0-An
t1-see graph-PASS



1-N2-15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant1
-see graph-PASS



1-N2-15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant1-
see graph-PASS



1-N2-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant
1-see graph-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

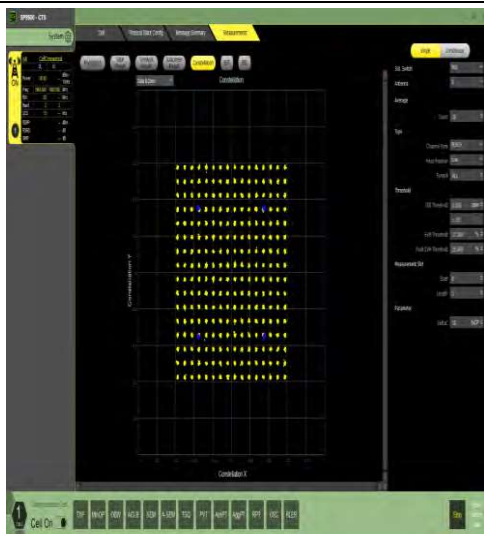
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SUZR/2022/1002202

Rev.: 02

Page: 13 of 76



1-N2-15-20-M-9-CP-256QAM-Outer_Full-106@0-Ant
1-see graph-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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SUZR/2022/1002202

Rev.: 02

Page: 14 of 76

26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N2	15	5	DFT-QPSK	L	Outer_Full	4.491	5.130	PASS
N2	15	5	DFT-PI2BPSK	L	Outer_Full	4.478	4.970	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	4.475	5.020	PASS
N2	15	5	DFT-64QAM	L	Outer_Full	4.489	5.020	PASS
N2	15	5	DFT-256QAM	L	Outer_Full	4.479	5.050	PASS
N2	15	5	CP-QPSK	L	Outer_Full	4.47	5.100	PASS
N2	15	5	CP-16QAM	L	Outer_Full	4.481	5.110	PASS
N2	15	5	CP-64QAM	L	Outer_Full	4.477	5.150	PASS
N2	15	5	CP-256QAM	L	Outer_Full	4.477	5.050	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	4.471	5.000	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	4.483	5.070	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	4.466	5.020	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	4.482	5.030	PASS
N2	15	5	DFT-256QAM	M	Outer_Full	4.476	5.020	PASS
N2	15	5	CP-QPSK	M	Outer_Full	4.481	5.100	PASS
N2	15	5	CP-16QAM	M	Outer_Full	4.477	5.130	PASS
N2	15	5	CP-64QAM	M	Outer_Full	4.474	5.100	PASS
N2	15	5	CP-256QAM	M	Outer_Full	4.474	5.030	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	4.491	5.180	PASS
N2	15	5	DFT-PI2BPSK	H	Outer_Full	4.472	4.990	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	4.456	4.950	PASS
N2	15	5	DFT-64QAM	H	Outer_Full	4.481	5.050	PASS
N2	15	5	DFT-256QAM	H	Outer_Full	4.494	5.070	PASS
N2	15	5	CP-QPSK	H	Outer_Full	4.479	5.160	PASS
N2	15	5	CP-16QAM	H	Outer_Full	4.481	5.020	PASS
N2	15	5	CP-64QAM	H	Outer_Full	4.471	5.070	PASS
N2	15	5	CP-256QAM	H	Outer_Full	4.472	5.070	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	8.94	9.720	PASS
N2	15	10	DFT-PI2BPSK	L	Outer_Full	8.926	9.680	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	8.957	9.760	PASS
N2	15	10	DFT-64QAM	L	Outer_Full	8.935	9.560	PASS
N2	15	10	DFT-256QAM	L	Outer_Full	8.929	9.680	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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SUZR/2022/1002202

Rev.: 02

Page: 15 of 76

N2	15	10	CP-QPSK	L	Outer_Full	9.312	10.120	PASS
N2	15	10	CP-16QAM	L	Outer_Full	9.304	10.180	PASS
N2	15	10	CP-64QAM	L	Outer_Full	9.323	10.220	PASS
N2	15	10	CP-256QAM	L	Outer_Full	9.296	10.000	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	8.937	9.720	PASS
N2	15	10	DFT-PI2BPSK	M	Outer_Full	8.919	9.660	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	8.952	9.720	PASS
N2	15	10	DFT-64QAM	M	Outer_Full	8.927	9.580	PASS
N2	15	10	DFT-256QAM	M	Outer_Full	8.921	9.660	PASS
N2	15	10	CP-QPSK	M	Outer_Full	9.299	10.040	PASS
N2	15	10	CP-16QAM	M	Outer_Full	9.288	10.080	PASS
N2	15	10	CP-64QAM	M	Outer_Full	9.34	10.260	PASS
N2	15	10	CP-256QAM	M	Outer_Full	9.288	9.940	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	8.933	9.700	PASS
N2	15	10	DFT-PI2BPSK	H	Outer_Full	8.914	9.620	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	8.942	9.680	PASS
N2	15	10	DFT-64QAM	H	Outer_Full	8.933	9.620	PASS
N2	15	10	DFT-256QAM	H	Outer_Full	8.921	9.620	PASS
N2	15	10	CP-QPSK	H	Outer_Full	9.303	10.120	PASS
N2	15	10	CP-16QAM	H	Outer_Full	9.278	10.060	PASS
N2	15	10	CP-64QAM	H	Outer_Full	9.336	10.220	PASS
N2	15	10	CP-256QAM	H	Outer_Full	9.286	10.020	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	13.452	14.370	PASS
N2	15	15	DFT-PI2BPSK	L	Outer_Full	13.433	14.460	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	13.444	14.400	PASS
N2	15	15	DFT-64QAM	L	Outer_Full	13.439	14.490	PASS
N2	15	15	DFT-256QAM	L	Outer_Full	13.462	14.490	PASS
N2	15	15	CP-QPSK	L	Outer_Full	14.143	15.240	PASS
N2	15	15	CP-16QAM	L	Outer_Full	14.095	15.180	PASS
N2	15	15	CP-64QAM	L	Outer_Full	14.114	15.180	PASS
N2	15	15	CP-256QAM	L	Outer_Full	14.125	15.210	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	13.414	14.490	PASS
N2	15	15	DFT-PI2BPSK	M	Outer_Full	13.399	14.430	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	13.432	14.460	PASS
N2	15	15	DFT-64QAM	M	Outer_Full	13.398	14.430	PASS
N2	15	15	DFT-256QAM	M	Outer_Full	13.447	14.490	PASS
N2	15	15	CP-QPSK	M	Outer_Full	14.115	15.120	PASS
N2	15	15	CP-16QAM	M	Outer_Full	14.069	15.120	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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SUZR/2022/1002202

Rev.: 02

Page: 16 of 76

N2	15	15	CP-64QAM	M	Outer_Full	14.091	15.090	PASS
N2	15	15	CP-256QAM	M	Outer_Full	14.106	15.270	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	13.435	14.430	PASS
N2	15	15	DFT-PI2BPSK	H	Outer_Full	13.404	14.460	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	13.43	14.430	PASS
N2	15	15	DFT-64QAM	H	Outer_Full	13.411	14.460	PASS
N2	15	15	DFT-256QAM	H	Outer_Full	13.44	14.430	PASS
N2	15	15	CP-QPSK	H	Outer_Full	14.121	15.240	PASS
N2	15	15	CP-16QAM	H	Outer_Full	14.069	15.180	PASS
N2	15	15	CP-64QAM	H	Outer_Full	14.085	15.120	PASS
N2	15	15	CP-256QAM	H	Outer_Full	14.103	15.180	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	17.873	19.080	PASS
N2	15	20	DFT-PI2BPSK	L	Outer_Full	17.905	19.000	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	17.879	18.920	PASS
N2	15	20	DFT-64QAM	L	Outer_Full	17.885	18.920	PASS
N2	15	20	DFT-256QAM	L	Outer_Full	17.846	18.880	PASS
N2	15	20	CP-QPSK	L	Outer_Full	18.907	20.000	PASS
N2	15	20	CP-16QAM	L	Outer_Full	18.931	20.640	PASS
N2	15	20	CP-64QAM	L	Outer_Full	18.918	20.040	PASS
N2	15	20	CP-256QAM	L	Outer_Full	18.936	20.000	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	17.836	18.960	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	17.862	18.960	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	17.844	18.920	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	17.851	18.920	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	17.797	18.800	PASS
N2	15	20	CP-QPSK	M	Outer_Full	18.864	20.000	PASS
N2	15	20	CP-16QAM	M	Outer_Full	18.906	19.960	PASS
N2	15	20	CP-64QAM	M	Outer_Full	18.858	20.000	PASS
N2	15	20	CP-256QAM	M	Outer_Full	18.9	19.920	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	17.872	19.000	PASS
N2	15	20	DFT-PI2BPSK	H	Outer_Full	17.87	19.000	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	17.86	18.920	PASS
N2	15	20	DFT-64QAM	H	Outer_Full	17.87	18.960	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	17.824	18.880	PASS
N2	15	20	CP-QPSK	H	Outer_Full	18.924	20.080	PASS
N2	15	20	CP-16QAM	H	Outer_Full	18.919	20.000	PASS
N2	15	20	CP-64QAM	H	Outer_Full	18.877	20.000	PASS
N2	15	20	CP-256QAM	H	Outer_Full	18.916	19.880	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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

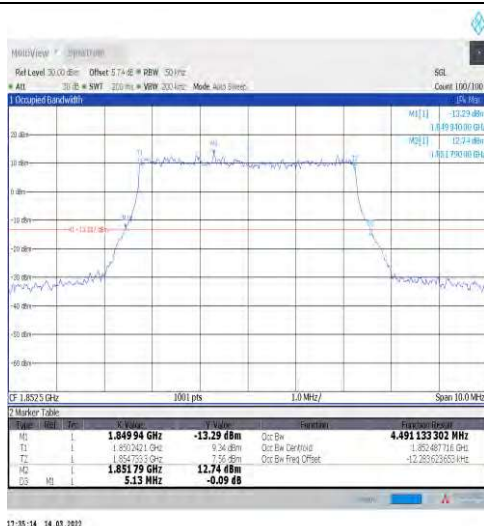
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

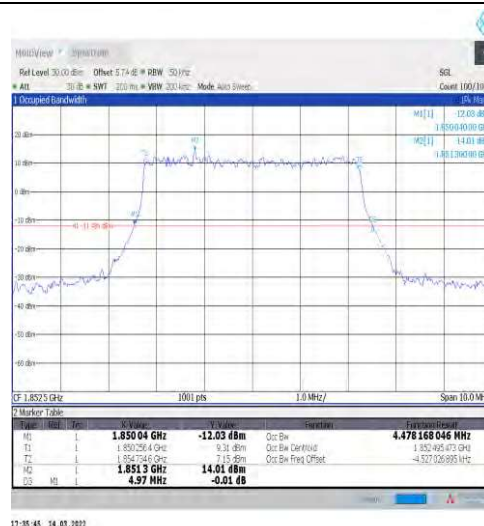
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SUZR/2022/1002202
Rev.: 02
Page: 17 of 76

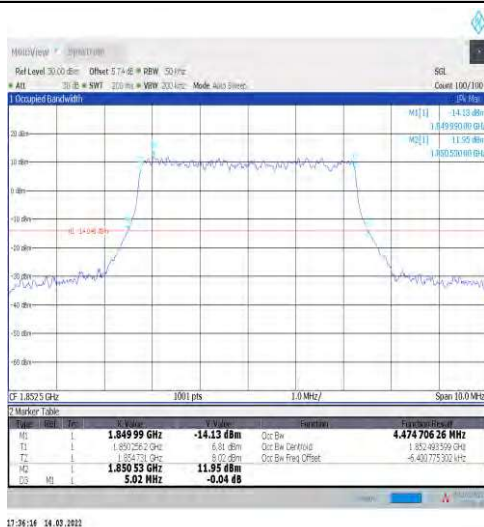
Test Graphs



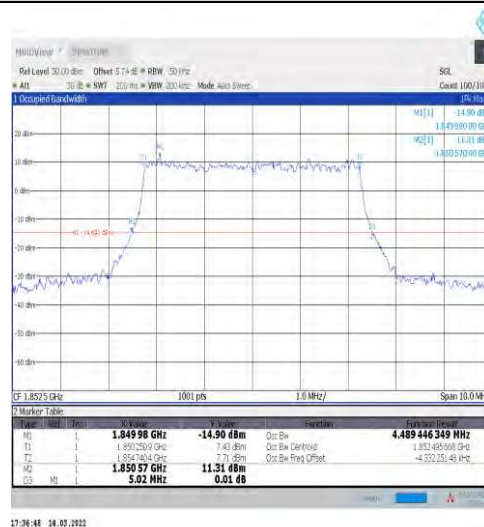
1-N2-15-5-L-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.
491-5.130-≤5-PASS



1-N2-15-5-L-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1
-4.478-4.970-≤5-PASS



1-N2-15-5-L-3-DFT-16QAM-Outer_Full-25@0-Ant1-
4.475-5.020-≤5-PASS



1-N2-15-5-L-4-DFT-64QAM-Outer_Full-25@0-Ant1-4
.489-5.020-≤5-PASS



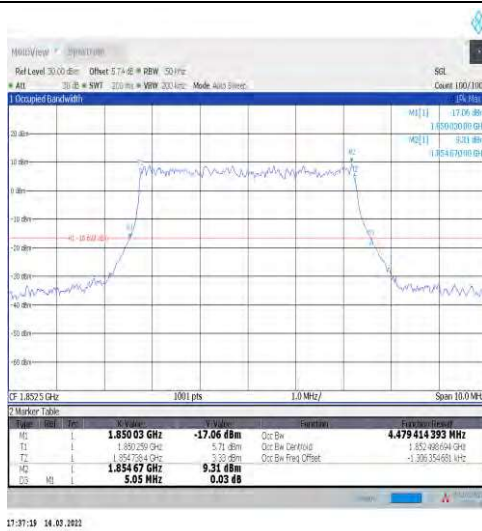
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SUZR/2022/1002202

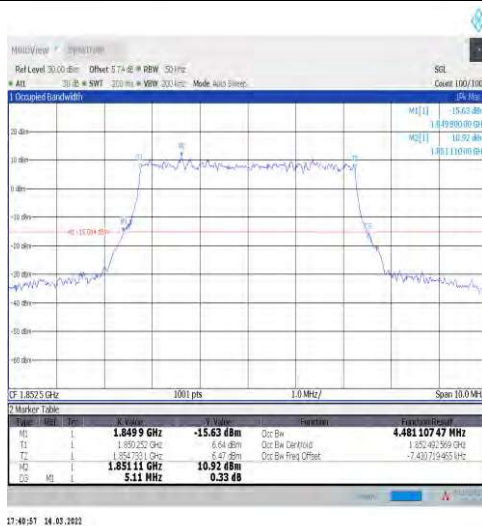
Rev.: 02

Page: 18 of 76



1-N2-15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant1
-4.479-5.050-≤5-PASS

1-N2-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-4.4
7-5.100-≤5-PASS



1-N2-15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant1-4.
481-5.110-≤5-PASS

1-N2-15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-4.
477-5.150-≤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.

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编：215000

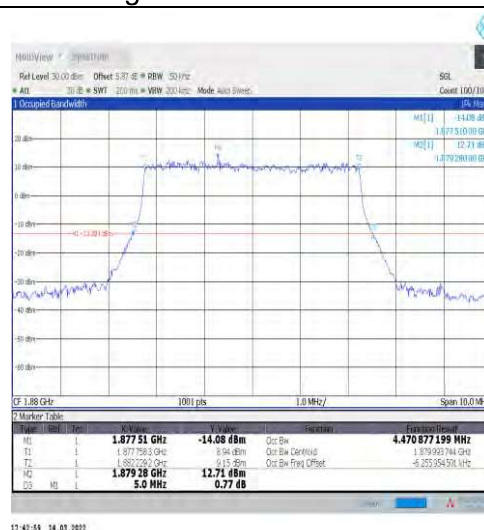
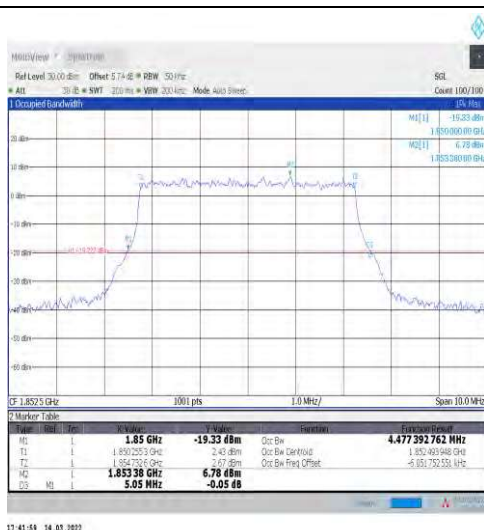
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

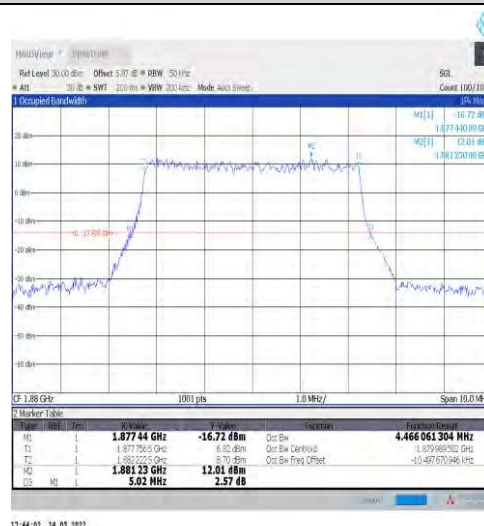
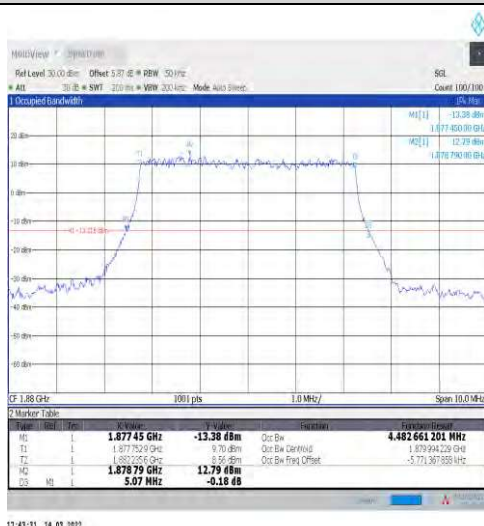
Rev.: 02

Page: 19 of 76



1-N2-15-5-L-9-CP-256QAM-Outer_Full-25@0-Ant1-4.477-5.050-≤5-PASS

1-N2-15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.471-5.000-≤5-PASS



1-N2-15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.483-5.070-≤5-PASS

1-N2-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.466-5.020-≤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

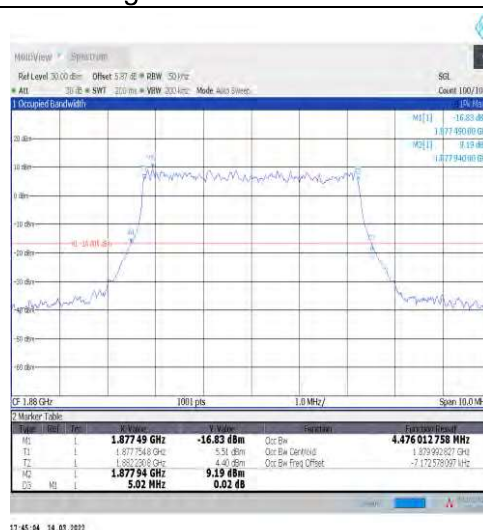
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SUZR/2022/1002202

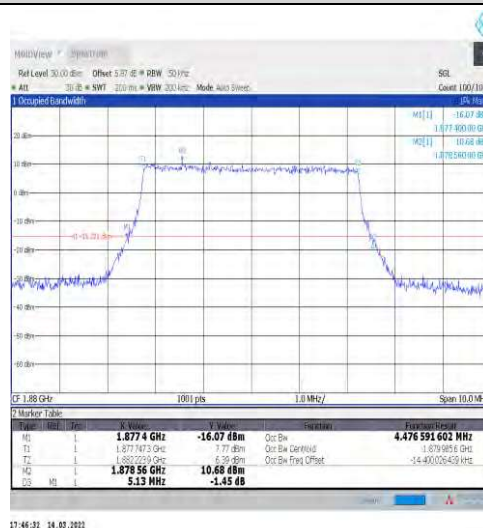
Rev.: 02

Page: 20 of 76



1-N2-15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant1-
4.482-5.030-≤5-PASS

1-N2-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant1
-4.476-5.020-≤5-PASS



1-N2-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.
481-5.100-≤5-PASS

1-N2-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-4.
477-5.130-≤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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

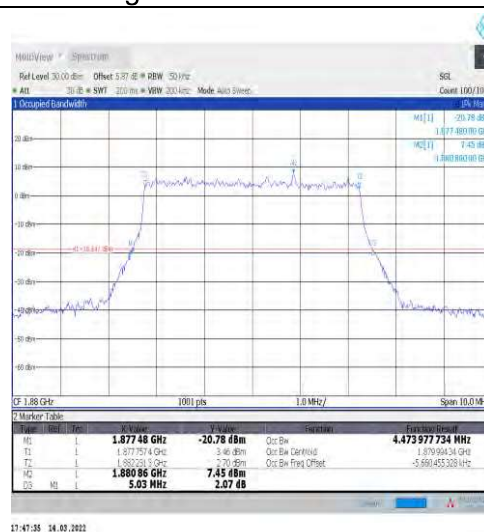
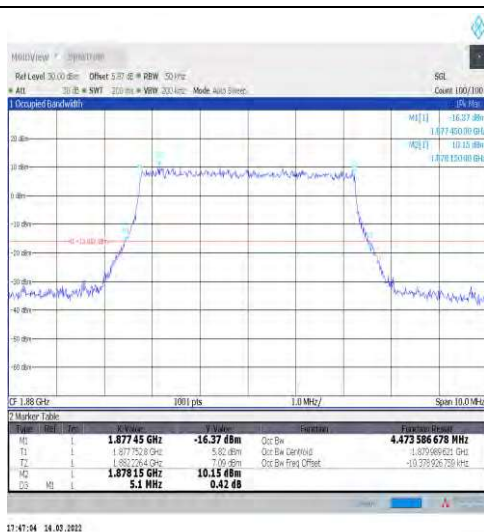
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

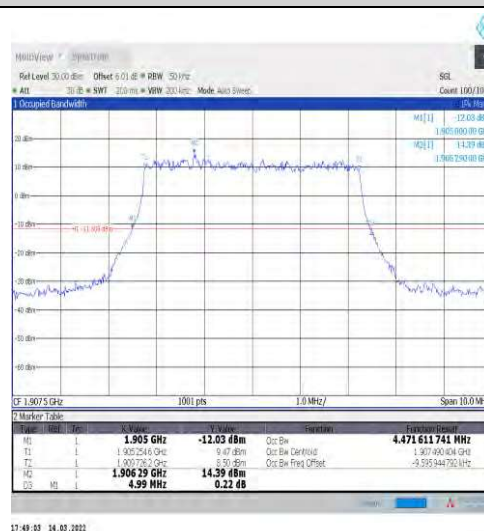
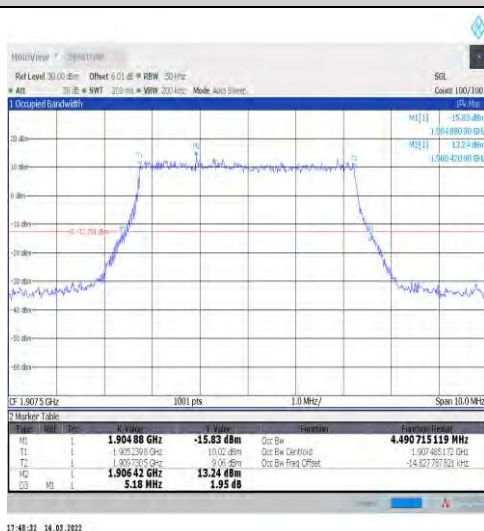
Rev.: 02

Page: 21 of 76



1-N2-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1-4
4.474-5.100-≤5-PASS

1-N2-15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant1-4
4.474-5.030-≤5-PASS



1-N2-15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.
491-5.180-≤5-PASS

1-N2-15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1
-4.472-4.990-≤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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

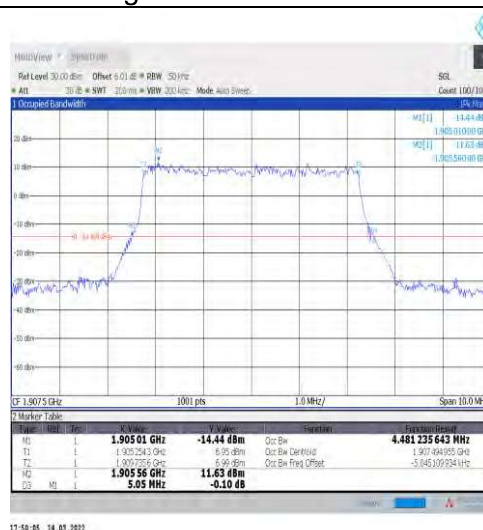
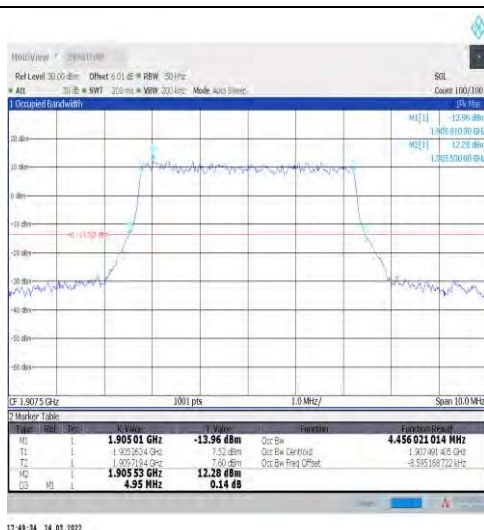
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

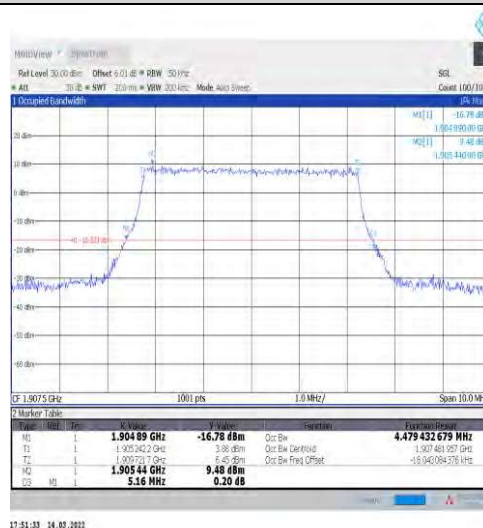
Rev.: 02

Page: 22 of 76



1-N2-15-5-H-3-DFT-16QAM-Outer_Full-25@0-Ant1-
4.456-4.950-≤5-PASS

1-N2-15-5-H-4-DFT-64QAM-Outer_Full-25@0-Ant1-
4.481-5.050-≤5-PASS



1-N2-15-5-H-5-DFT-256QAM-Outer_Full-25@0-Ant1
-4.494-5.070-≤5-PASS

1-N2-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-4.4
79-5.160-≤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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

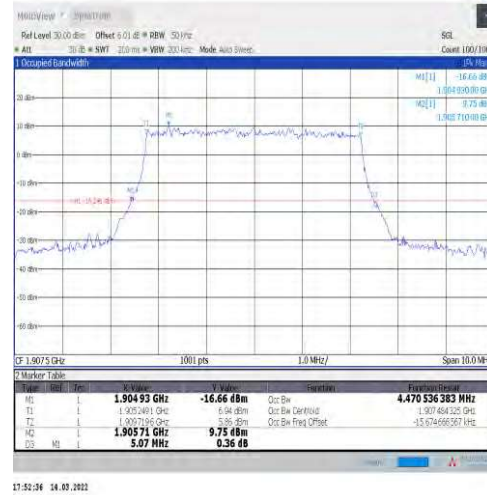
Report No.: SUZR/2022/1002202

Rev.: 02

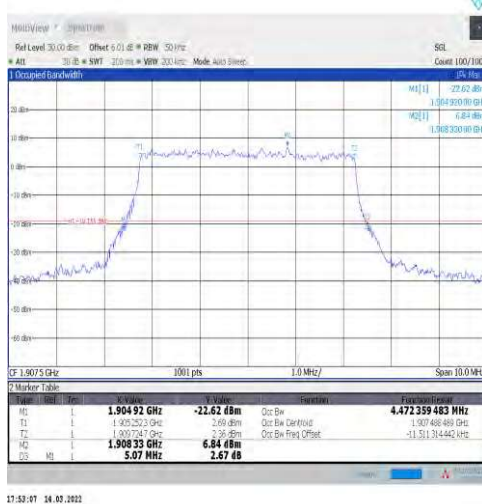
Page: 23 of 76



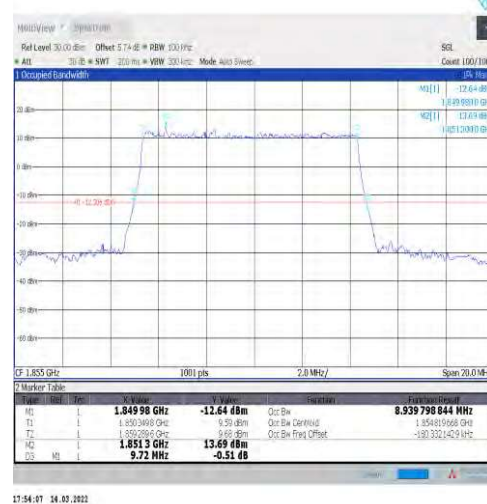
1-N2-15-5-H-7-CP-16QAM-Outer_Full-25@0-Ant1-4.
481-5.020-≤5-PASS



1-N2-15-5-H-8-CP-64QAM-Outer_Full-25@0-Ant1-4.
471-5.070-≤5-PASS



1-N2-15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant1-4.
4.472-5.070-≤5-PASS



1-N2-15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant1-8
.94-9.720-≤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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

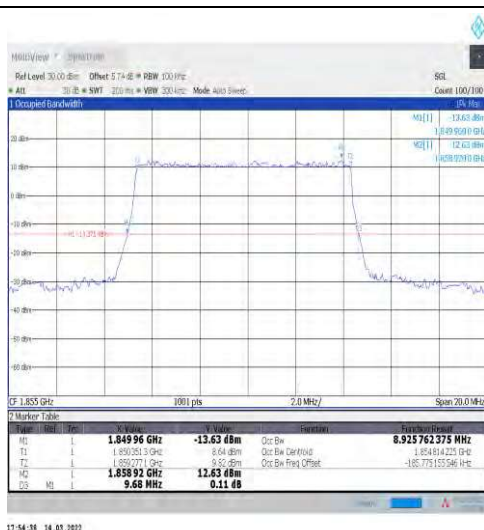
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

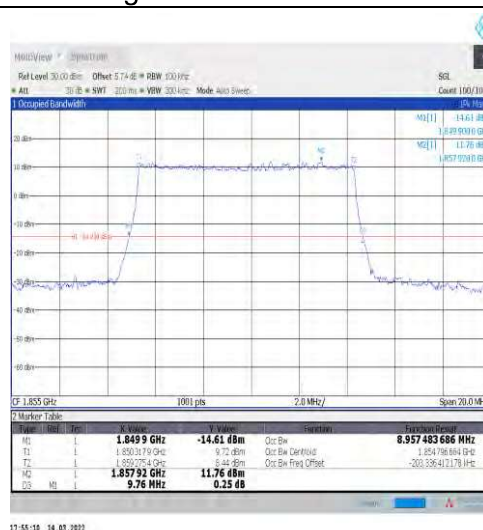
Report No.: SUZR/2022/1002202

Rev.: 02

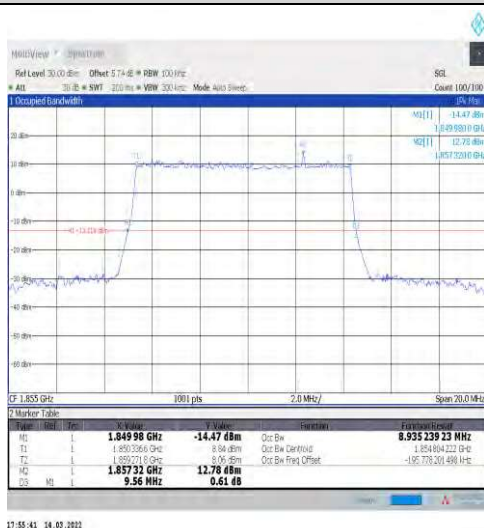
Page: 24 of 76



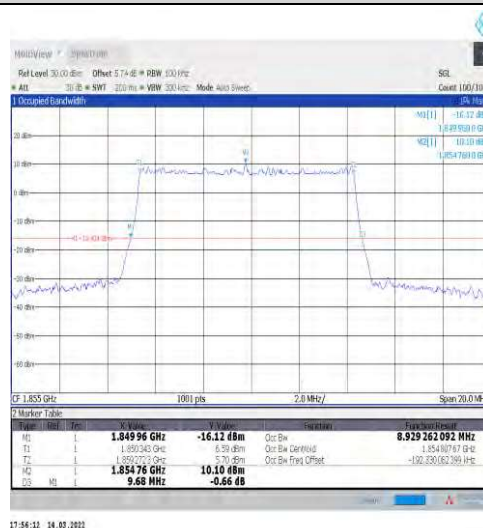
1-N2-15-10-L-2-DFT-PI2BPSK-Outter_Full-50@0-Ant
1-8.926-9.680-≤10-PASS



1-N2-15-10-L-3-DFT-16QAM-Outter_Full-50@0-Ant1
8.957-9.760-≤10-PASS



1-N2-15-10-L-4-DFT-64QAM-Outter_Full-50@0-Ant1
-8.935-9.560-≤10-PASS



1-N2-15-10-L-5-DFT-256QAM-Outter_Full-50@0-Ant
1-8.929-9.680-≤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

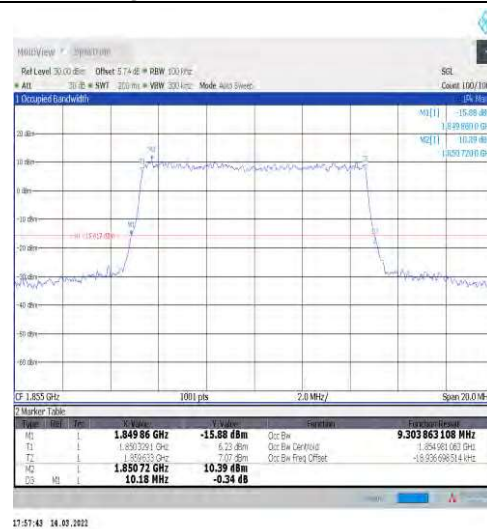
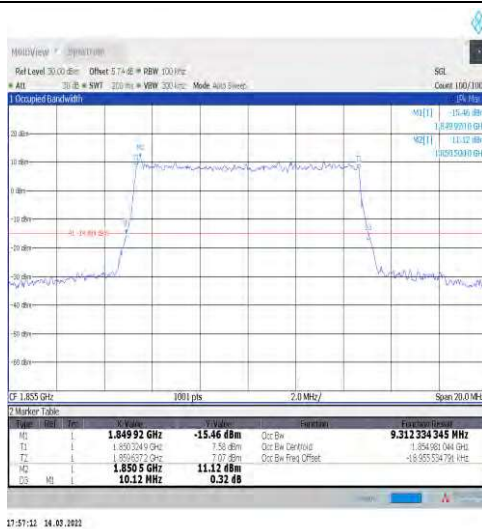
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SUZR/2022/1002202

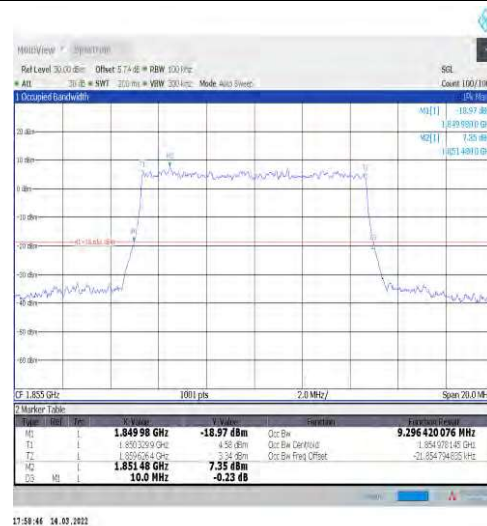
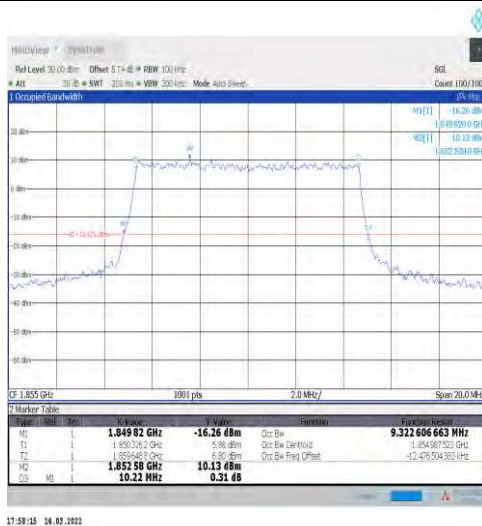
Rev.: 02

Page: 25 of 76



1-N2-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-9.
312-10.120-≤10-PASS

1-N2-15-10-L-7-CP-16QAM-Outer_Full-52@0-Ant1-9
.304-10.180-≤10-PASS



1-N2-15-10-L-8-CP-64QAM-Outer_Full-52@0-Ant1-9.
9.323-10.220-≤10-PASS

1-N2-15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant1-9
9.296-10.000-≤10-PASS



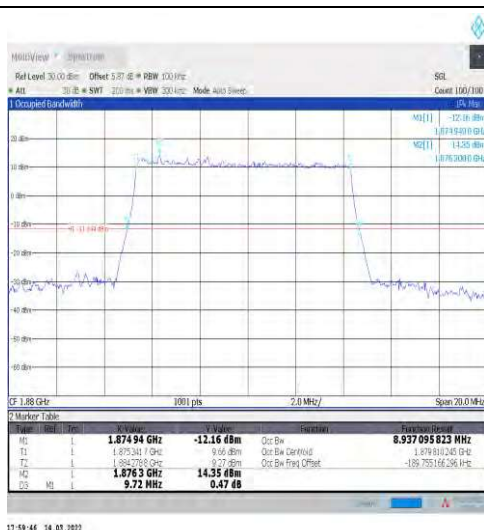
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

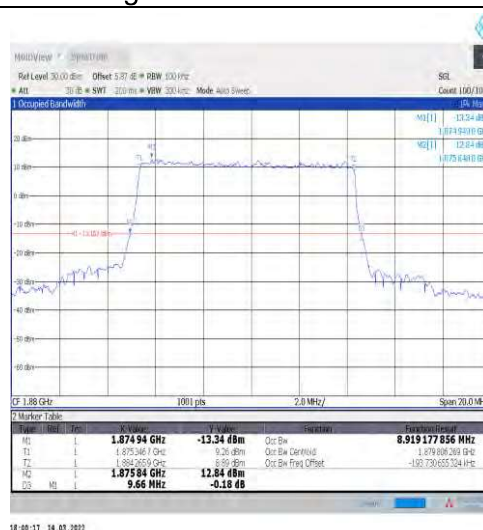
Report No.: SUZR/2022/1002202

Rev.: 02

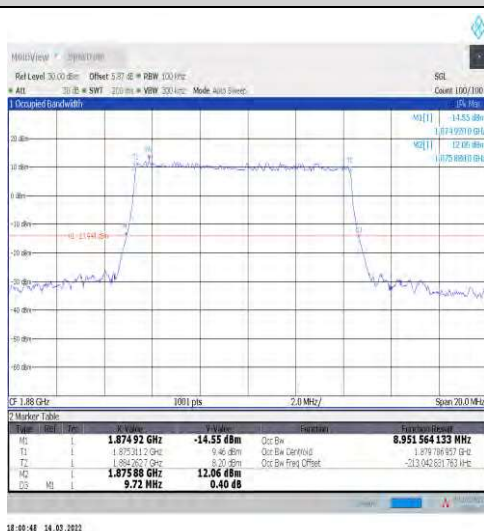
Page: 26 of 76



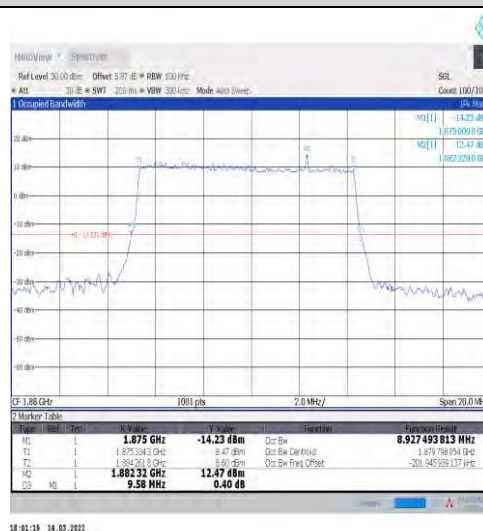
1-N2-15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.937-9.720-≤10-PASS



1-N2-15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.919-9.660-≤10-PASS



1-N2-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.952-9.720-≤10-PASS



1-N2-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.927-9.580-≤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

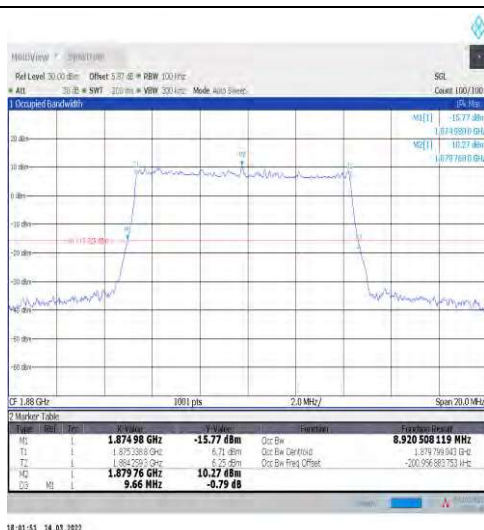
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

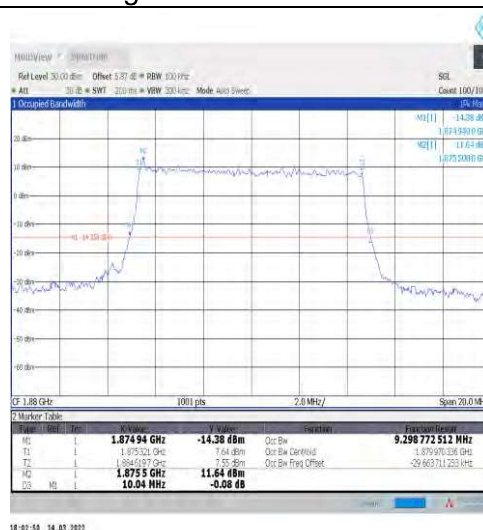
Report No.: SUZR/2022/1002202

Rev.: 02

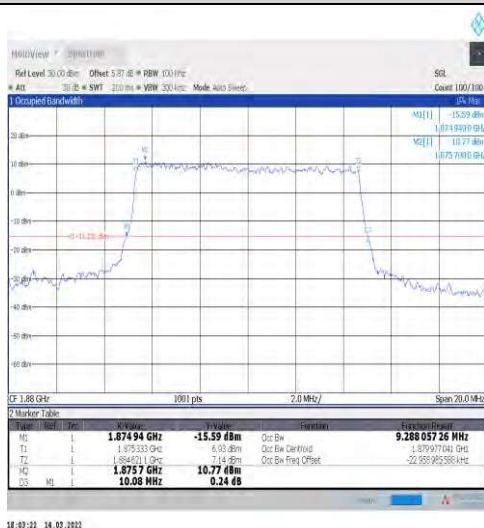
Page: 27 of 76



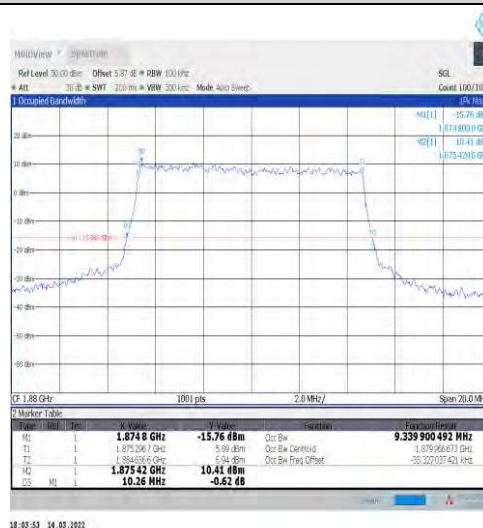
1-N2-15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant
1-8.921-9.660-≤10-PASS



1-N2-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-9.
299-10.040-≤10-PASS



1-N2-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-
9.288-10.080-≤10-PASS



1-N2-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-
9.34-10.260-≤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

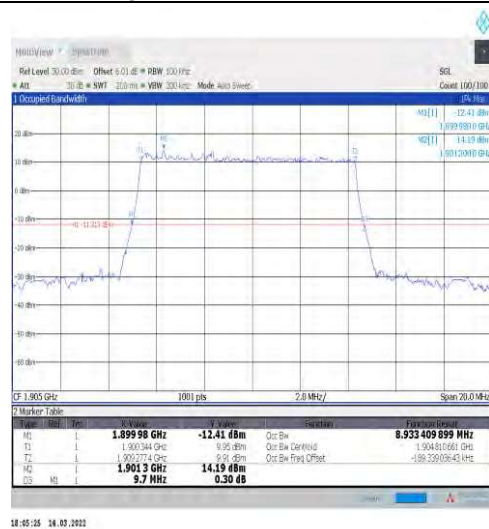
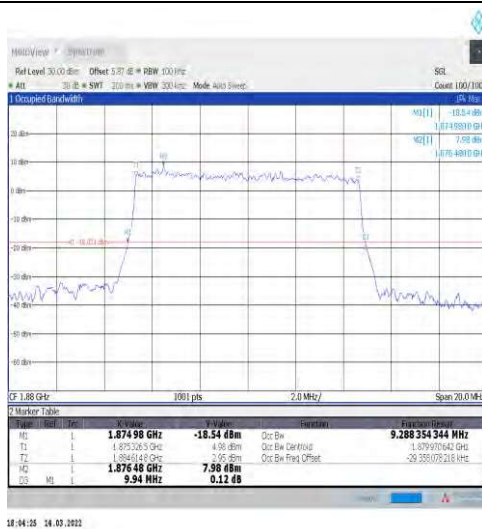
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SUZR/2022/1002202

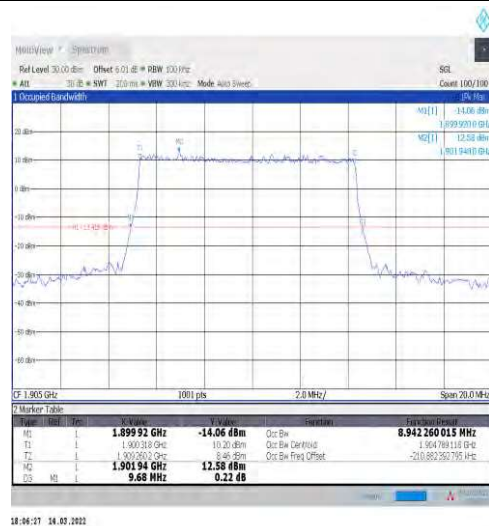
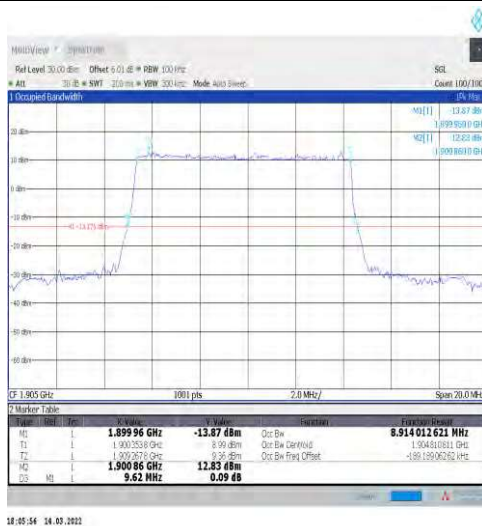
Rev.: 02

Page: 28 of 76



1-N2-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant
1-9.288-9.940-≤10-PASS

1-N2-15-10-H-1-DFT-QPSK-Outer_Full-50@0-Ant1-
8.933-9.700-≤10-PASS



1-N2-15-10-H-2-DFT-PI2BPSK-Outer_Full-50@0-An
t1-8.914-9.620-≤10-PASS

1-N2-15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant1
-8.942-9.680-≤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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

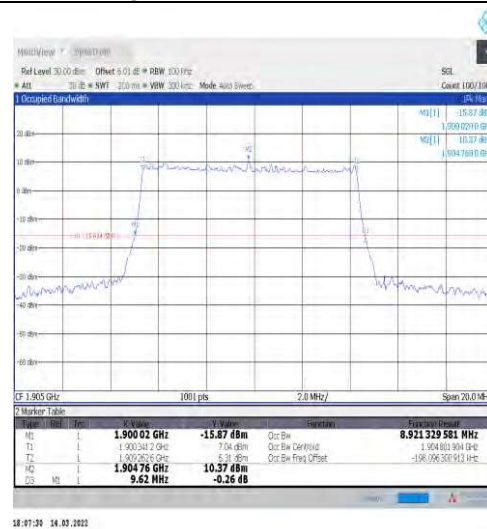
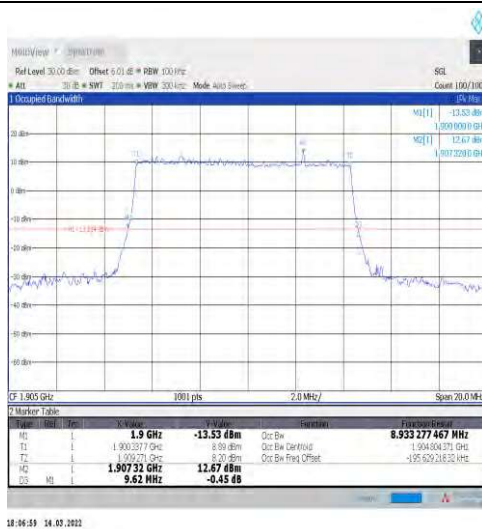
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

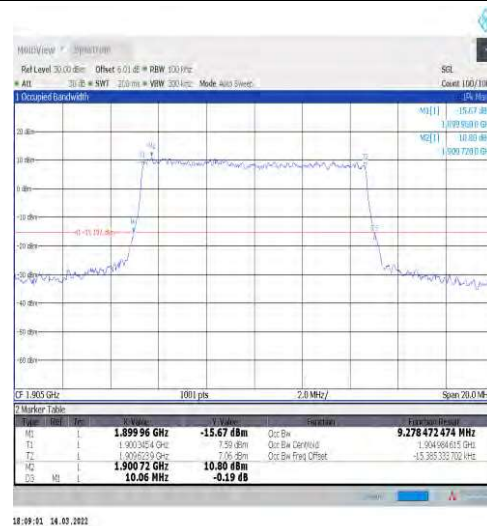
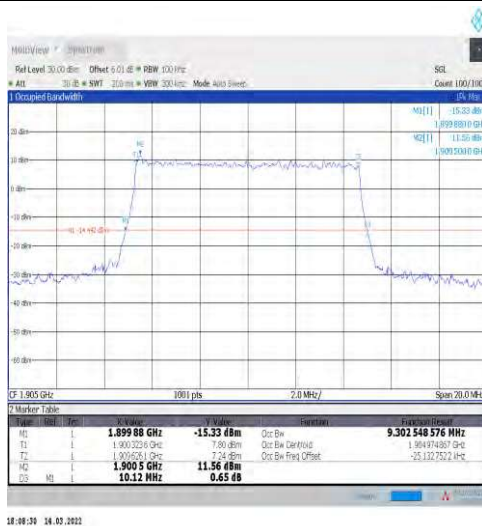
Rev.: 02

Page: 29 of 76



1-N2-15-10-H-4-DFT-64QAM-Outer_Full-50@0-Ant1
-8.933-9.620-≤10-PASS

1-N2-15-10-H-5-DFT-256QAM-Outer_Full-50@0-Ant
1-8.921-9.620-≤10-PASS



1-N2-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-9.
303-10.120-≤10-PASS

1-N2-15-10-H-7-CP-16QAM-Outer_Full-52@0-Ant1-9.
9.278-10.060-≤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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Member of the SGS Group (SGS SA)