

Report No.: SUZR/2022/1002202

Rev.: 02

Page: 1 of 77

Appendix B.12

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

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 77

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	Limit	Verdict
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.11	22.28	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.09	22.26	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	22.17	21.34	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Left	23.15	22.32	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Right	23.18	22.35	38.45	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	22.15	21.32	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Left	21.95	21.12	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Right	22.33	21.5	38.45	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	21.15	20.32	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Left	20.34	19.51	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Right	20.78	19.95	38.45	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	20.72	19.89	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Left	18.56	17.73	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Right	18.61	17.78	38.45	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	18.6	17.77	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.15	22.32	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.1	22.27	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	22.16	21.33	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Left	23.19	22.36	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Right	23.16	22.33	38.45	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	22.17	21.34	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Left	22.05	21.22	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Right	21.99	21.16	38.45	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	21.15	20.32	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Left	20.37	19.54	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Right	18.08	17.25	38.45	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	20.68	19.85	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Left	18.67	17.84	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Right	18.64	17.81	38.45	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	18.65	17.82	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.13	22.3	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 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 77

N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.05	22.22	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Outer_Full	22.14	21.31	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Left	23.22	22.39	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Right	23.17	22.34	38.45	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	22.12	21.29	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Left	21.77	20.94	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Right	21.76	20.93	38.45	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	21.12	20.29	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Left	20.58	19.75	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Right	20.57	19.74	38.45	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	20.7	19.87	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Left	18.66	17.83	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Right	18.57	17.74	38.45	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	18.64	17.81	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.1	22.27	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.19	22.36	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	22.24	21.41	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Left	23.12	22.29	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Right	23.2	22.37	38.45	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	22.24	21.41	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Left	22.01	21.18	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Right	22.07	21.24	38.45	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	18.75	17.92	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Left	20.55	19.72	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Right	20.65	19.82	38.45	PASS
N5	15	10	DFT-64QAM	L	Outer_Full	20.73	19.9	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Left	18.64	17.81	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Right	18.67	17.84	38.45	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	18.72	17.89	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.07	22.24	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.14	22.31	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	22.22	21.39	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Left	23.08	22.25	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Right	23.23	22.4	38.45	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	22.26	21.43	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Left	22.27	21.44	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Right	22.11	21.28	38.45	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	21.16	20.33	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 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: 4 of 77

N5	15	10	DFT-64QAM	M	Inner_1RB_Left	20.54	19.71	38.45	PASS
N5	15	10	DFT-64QAM	M	Inner_1RB_Right	20.64	19.81	38.45	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	20.76	19.93	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Left	18.61	17.78	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Right	18.69	17.86	38.45	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	18.75	17.92	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.23	22.4	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.12	22.29	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	22.21	21.38	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Left	23.23	22.4	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Right	23.12	22.29	38.45	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	22.28	21.45	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Left	22.08	21.25	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Right	22.03	21.2	38.45	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	21.25	20.42	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Left	20.71	19.88	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Right	20.34	19.51	38.45	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	20.77	19.94	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Left	18.74	17.91	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Right	18.64	17.81	38.45	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	18.73	17.9	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.16	22.33	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.09	22.26	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	22.35	21.52	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Left	23.23	22.4	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Right	23.12	22.29	38.45	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	22.36	21.53	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Left	22.07	21.24	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Right	21.98	21.15	38.45	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	21.39	20.56	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Left	20.63	19.8	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Right	20.57	19.74	38.45	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	20.89	20.06	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Left	18.75	17.92	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Right	18.59	17.76	38.45	PASS
N5	15	15	DFT-256QAM	L	Outer_Full	18.89	18.06	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.19	22.36	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.1	22.27	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

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 77

N5	15	15	DFT-PI2BPSK	M	Outer_Full	22.33	21.5	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Left	23.21	22.38	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Right	23.18	22.35	38.45	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	22.29	21.46	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Left	22.07	21.24	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Right	22.02	21.19	38.45	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	21.3	20.47	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Left	20.66	19.83	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Right	20.59	19.76	38.45	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	20.85	20.02	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Left	18.79	17.96	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Right	18.63	17.8	38.45	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	18.88	18.05	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.18	22.35	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.08	22.25	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Outer_Full	22.29	21.46	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Left	23.2	22.37	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Right	23.13	22.3	38.45	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	22.26	21.43	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Left	22.06	21.23	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Right	22	21.17	38.45	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	21.28	20.45	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Left	20.62	19.79	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Right	20.51	19.68	38.45	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	20.8	19.97	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Left	18.77	17.94	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Right	18.59	17.76	38.45	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	18.82	17.99	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.15	22.32	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.08	22.25	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	22.32	21.49	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Left	23.2	22.37	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Right	23.16	22.33	38.45	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	22.36	21.53	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Left	22.04	21.21	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Right	22.04	21.21	38.45	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	21.41	20.58	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Left	20.66	19.83	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 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 77

N5	15	20	DFT-64QAM	L	Inner_1RB_Right	20.57	19.74	38.45	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	20.89	20.06	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Left	18.76	17.93	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Right	18.74	17.91	38.45	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	18.88	18.05	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.11	22.28	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.1	22.27	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	22.32	21.49	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Left	23.19	22.36	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Right	23.1	22.27	38.45	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	22.3	21.47	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Left	22.02	21.19	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Right	21.96	21.13	38.45	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	21.31	20.48	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Left	20.54	19.71	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Right	20.52	19.69	38.45	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	20.84	20.01	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Left	18.7	17.87	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Right	18.7	17.87	38.45	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	18.87	18.04	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.2	22.37	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.04	22.21	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	22.29	21.46	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Left	23.27	22.44	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Right	20.62	19.79	38.45	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	22.27	21.44	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Left	22.06	21.23	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Right	21.94	21.11	38.45	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	21.3	20.47	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Left	20.64	19.81	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Right	20.48	19.65	38.45	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	20.84	20.01	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Left	18.75	17.92	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Right	18.69	17.86	38.45	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	18.84	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 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: 7 of 77

Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N5	15	20	DFT-256QAM	L	Outer_Full	100%	0.00	11.47	≤13	PASS
N5	15	20	CP-256QAM	L	Outer_Full	100%	0.00	11.51	≤13	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	11.58	≤13	PASS
N5	15	20	CP-256QAM	M	Outer_Full	100%	0.00	12.03	≤13	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	11.69	≤13	PASS
N5	15	20	CP-256QAM	H	Outer_Full	100%	0.00	11.92	≤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

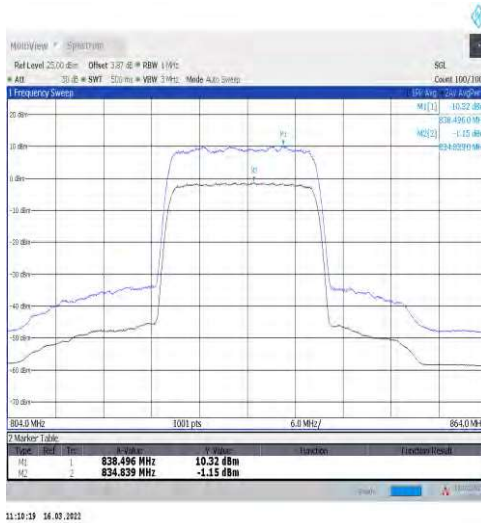
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SUZR/2022/1002202

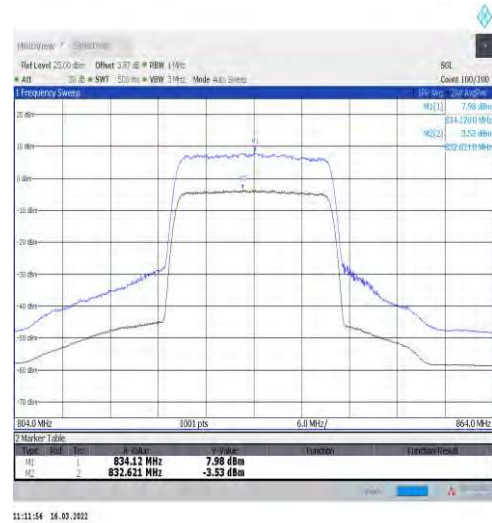
Rev.: 02

Page: 8 of 77

Test Graphs



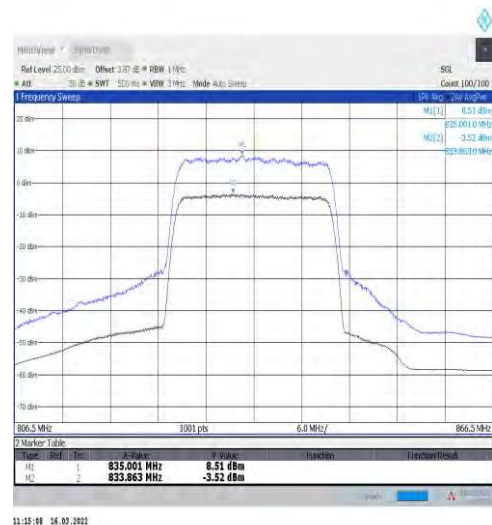
1-N5-15-20-L-1-DFT-256QAM-Outer_Full-100@0-Ant
t1-11.47-100%-0.00-11.47-PASS-≤13



1-N5-15-20-L-2-CP-256QAM-Outer_Full-106@0-Ant
1-11.51-100%-0.00-11.51-PASS-≤13



1-N5-15-20-M-1-DFT-256QAM-Outer_Full-100@0-A
nt1-11.58-100%-0.00-11.58-PASS-≤13



1-N5-15-20-M-2-CP-256QAM-Outer_Full-106@0-Ant
t1-12.03-100%-0.00-12.03-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

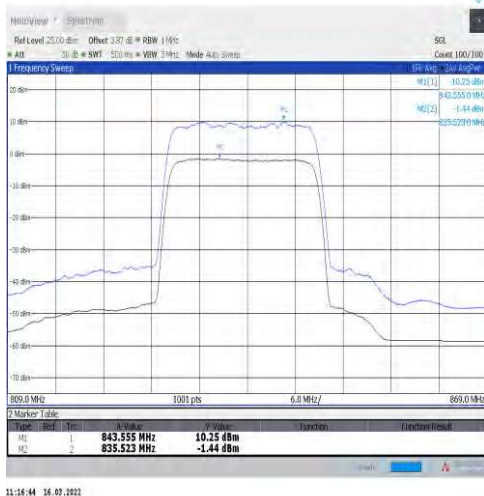
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

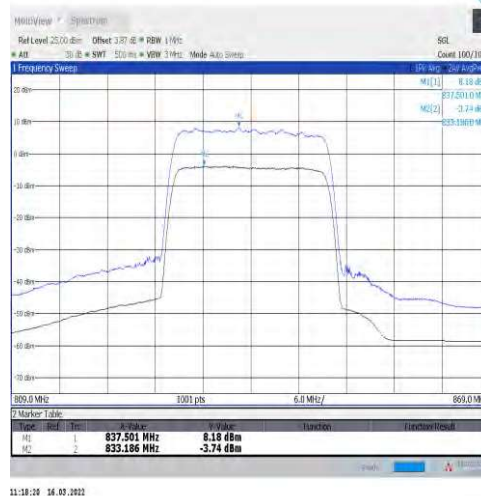
Report No.: SUZR/2022/1002202

Rev.: 02

Page: 9 of 77



1-N5-15-20-H-1-DFT-256QAM-Outer_Full-100@0-An
t1-11.69-100%-0.00-11.69-PASS-≤13



1-N5-15-20-H-2-CP-256QAM-Outer_Full-106@0-Ant
1-11.92-100%-0.00-11.92-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

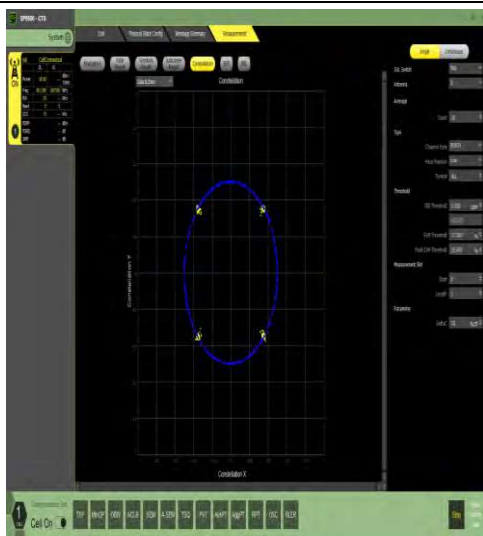
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Modulation characteristics for SA

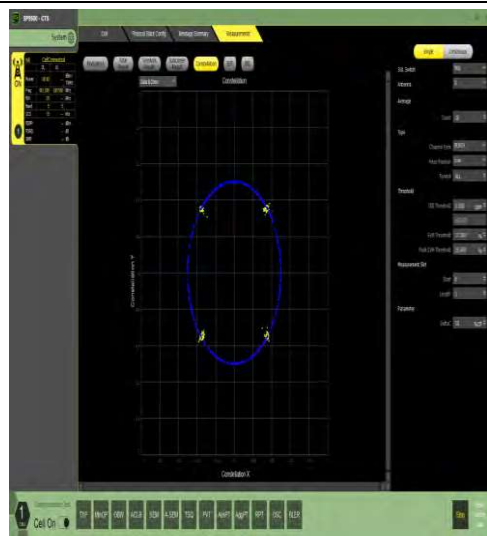
Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	see graph	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	see graph	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	see graph	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-QPSK	M	Outer_Full	see graph	PASS
N5	15	20	CP-16QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-64QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-256QAM	M	Outer_Full	see graph	PASS

Test Graphs



1-N5-15-20-M-1-DFT-PI2BPSK-Outer_Full-100@0-A
nt1-see graph-PASS



1-N5-15-20-M-2-DFT-QPSK-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

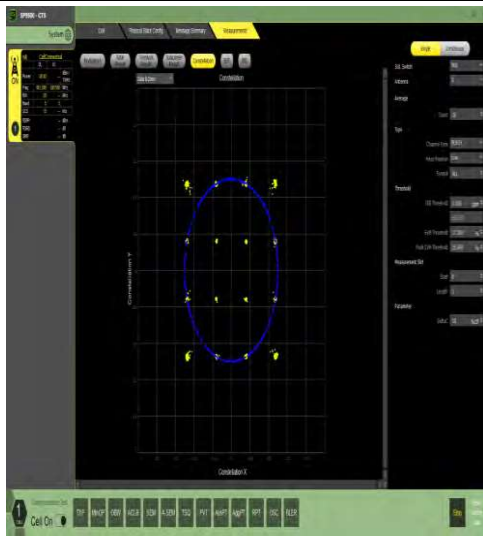
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

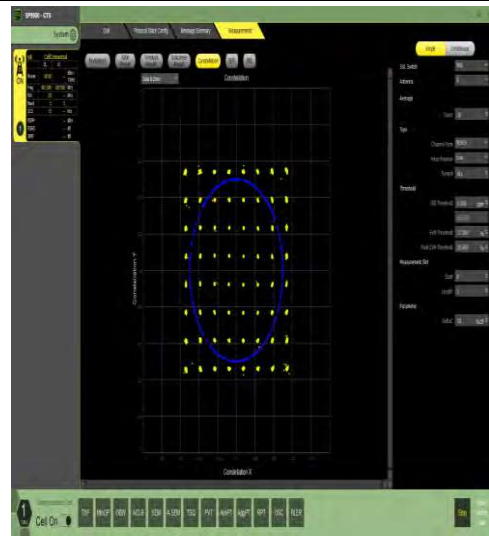
Report No.: SUZR/2022/1002202

Rev.: 02

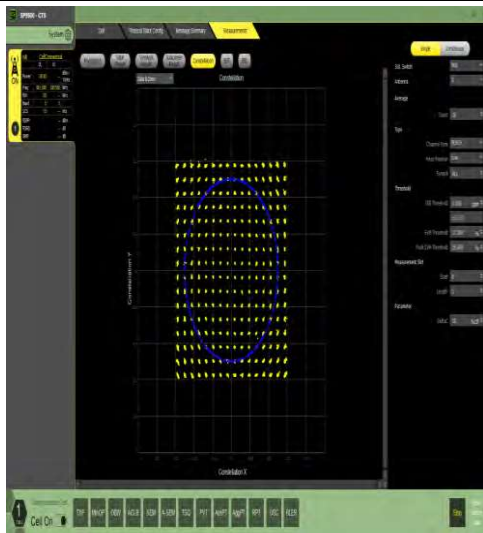
Page: 11 of 77



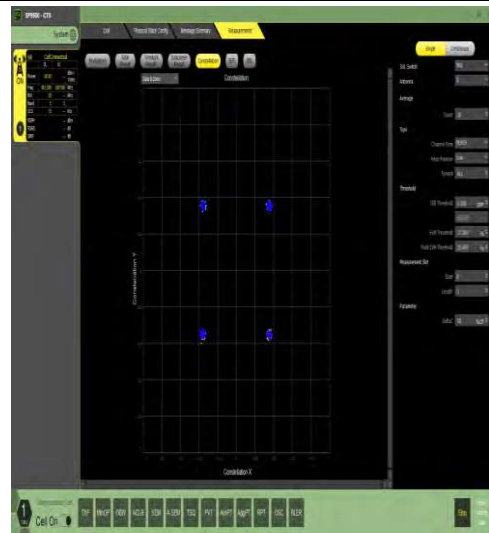
1-N5-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant
1-see graph-PASS



1-N5-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant
t1-see graph-PASS



1-N5-15-20-M-5-DFT-256QAM-Outer_Full-100@0-Ant
t1-see graph-PASS



1-N5-15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant1
-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.

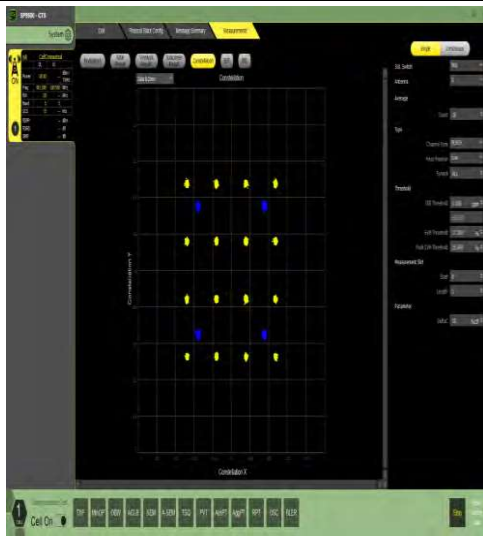
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)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

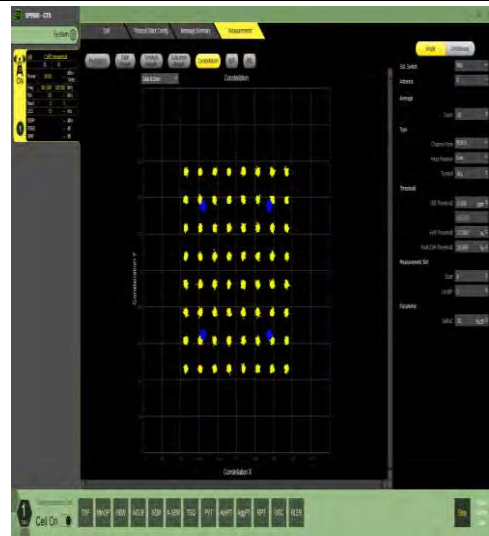
Report No.: SUZR/2022/1002202

Rev.: 02

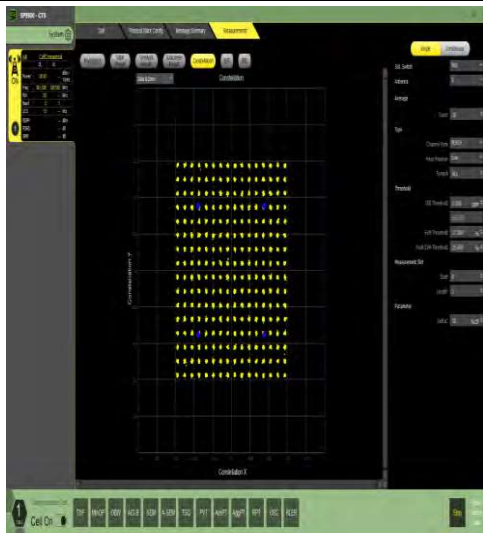
Page: 12 of 77



1-N5-15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant1-
see graph-PASS



1-N5-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant
1-see graph-PASS



1-N5-15-20-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 77

26dB Bandwidth and Occupied Bandwidth for SA**Test Result**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N5	15	5	DFT-QPSK	L	Outer_Full	4.486	5.060	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	4.474	4.970	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	4.462	5.110	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	4.49	5.060	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	4.494	5.030	PASS
N5	15	5	CP-QPSK	L	Outer_Full	4.477	5.020	PASS
N5	15	5	CP-16QAM	L	Outer_Full	4.477	5.030	PASS
N5	15	5	CP-64QAM	L	Outer_Full	4.467	5.150	PASS
N5	15	5	CP-256QAM	L	Outer_Full	4.473	5.120	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	4.48	4.930	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	4.476	5.010	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	4.469	5.070	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	4.478	5.010	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	4.469	5.000	PASS
N5	15	5	CP-QPSK	M	Outer_Full	4.471	5.130	PASS
N5	15	5	CP-16QAM	M	Outer_Full	4.471	4.970	PASS
N5	15	5	CP-64QAM	M	Outer_Full	4.47	5.080	PASS
N5	15	5	CP-256QAM	M	Outer_Full	4.474	5.030	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	4.475	5.020	PASS
N5	15	5	DFT-PI2BPSK	H	Outer_Full	4.463	4.930	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	4.459	5.050	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	4.486	5.050	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	4.488	5.000	PASS
N5	15	5	CP-QPSK	H	Outer_Full	4.477	5.060	PASS
N5	15	5	CP-16QAM	H	Outer_Full	4.465	4.990	PASS
N5	15	5	CP-64QAM	H	Outer_Full	4.462	5.080	PASS
N5	15	5	CP-256QAM	H	Outer_Full	4.465	5.080	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	8.934	9.680	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	8.913	9.560	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	8.933	9.640	PASS
N5	15	10	DFT-64QAM	L	Outer_Full	8.936	9.660	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	8.918	9.620	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: 14 of 77

N5	15	10	CP-QPSK	L	Outer_Full	9.289	10.160	PASS
N5	15	10	CP-16QAM	L	Outer_Full	9.283	10.060	PASS
N5	15	10	CP-64QAM	L	Outer_Full	9.321	10.160	PASS
N5	15	10	CP-256QAM	L	Outer_Full	9.294	10.040	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	8.93	9.720	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	8.901	9.640	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	8.937	9.660	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	8.927	9.600	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	8.913	9.620	PASS
N5	15	10	CP-QPSK	M	Outer_Full	9.292	10.120	PASS
N5	15	10	CP-16QAM	M	Outer_Full	9.279	10.080	PASS
N5	15	10	CP-64QAM	M	Outer_Full	9.324	10.240	PASS
N5	15	10	CP-256QAM	M	Outer_Full	9.281	10.000	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	8.923	9.700	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	8.899	9.620	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	8.937	9.720	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	8.92	9.520	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	8.906	9.600	PASS
N5	15	10	CP-QPSK	H	Outer_Full	9.285	10.060	PASS
N5	15	10	CP-16QAM	H	Outer_Full	9.273	10.080	PASS
N5	15	10	CP-64QAM	H	Outer_Full	9.308	10.200	PASS
N5	15	10	CP-256QAM	H	Outer_Full	9.269	10.000	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	13.449	14.370	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	13.411	14.460	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	13.429	14.400	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	13.407	14.400	PASS
N5	15	15	DFT-256QAM	L	Outer_Full	13.448	14.520	PASS
N5	15	15	CP-QPSK	L	Outer_Full	14.12	15.210	PASS
N5	15	15	CP-16QAM	L	Outer_Full	14.079	15.210	PASS
N5	15	15	CP-64QAM	L	Outer_Full	14.096	15.090	PASS
N5	15	15	CP-256QAM	L	Outer_Full	14.107	15.270	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	13.437	14.400	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	13.403	14.460	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	13.433	14.430	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	13.411	14.430	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	13.451	14.520	PASS
N5	15	15	CP-QPSK	M	Outer_Full	14.119	15.090	PASS
N5	15	15	CP-16QAM	M	Outer_Full	14.076	15.180	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 77

N5	15	15	CP-64QAM	M	Outer_Full	14.084	15.180	PASS
N5	15	15	CP-256QAM	M	Outer_Full	14.117	15.300	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	13.437	14.460	PASS
N5	15	15	DFT-PI2BPSK	H	Outer_Full	13.415	14.490	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	13.409	14.340	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	13.416	14.490	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	13.45	14.430	PASS
N5	15	15	CP-QPSK	H	Outer_Full	14.118	15.180	PASS
N5	15	15	CP-16QAM	H	Outer_Full	14.047	15.210	PASS
N5	15	15	CP-64QAM	H	Outer_Full	14.07	15.060	PASS
N5	15	15	CP-256QAM	H	Outer_Full	14.093	15.210	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	17.814	18.920	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	17.856	18.920	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	17.838	18.920	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	17.843	18.920	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	17.819	18.960	PASS
N5	15	20	CP-QPSK	L	Outer_Full	18.87	20.120	PASS
N5	15	20	CP-16QAM	L	Outer_Full	18.896	19.960	PASS
N5	15	20	CP-64QAM	L	Outer_Full	18.864	20.080	PASS
N5	15	20	CP-256QAM	L	Outer_Full	18.898	19.960	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	17.836	19.000	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	17.858	19.000	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	17.851	18.920	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	17.835	18.880	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	17.795	18.800	PASS
N5	15	20	CP-QPSK	M	Outer_Full	18.857	19.960	PASS
N5	15	20	CP-16QAM	M	Outer_Full	18.887	20.000	PASS
N5	15	20	CP-64QAM	M	Outer_Full	18.869	20.000	PASS
N5	15	20	CP-256QAM	M	Outer_Full	18.892	19.960	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	17.811	18.840	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	17.829	18.840	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	17.839	18.920	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	17.832	18.920	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	17.8	18.960	PASS
N5	15	20	CP-QPSK	H	Outer_Full	18.838	19.960	PASS
N5	15	20	CP-16QAM	H	Outer_Full	18.86	19.880	PASS
N5	15	20	CP-64QAM	H	Outer_Full	18.833	20.040	PASS
N5	15	20	CP-256QAM	H	Outer_Full	18.874	19.920	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

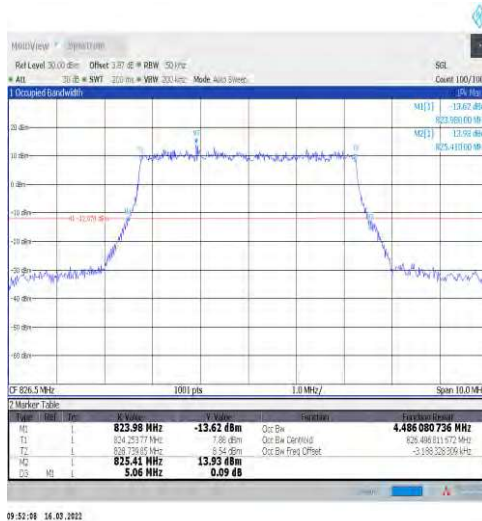
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SUZR/2022/1002202

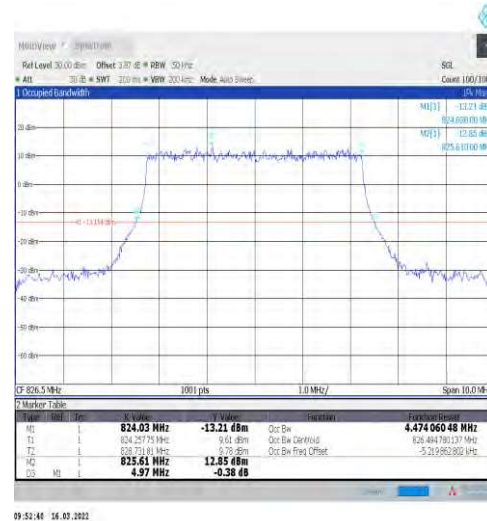
Rev.: 02

Page: 16 of 77

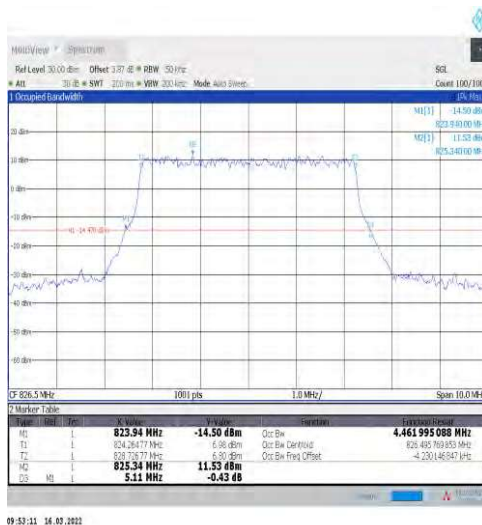
Test Graphs



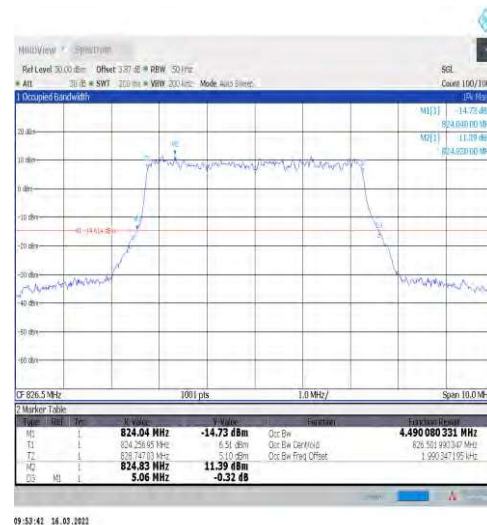
1-N5-15-5-L-1-DFT-QPSK-Outet_Full-25@0-Ant1-4.
486-5.060-≤5-PASS



1-N5-15-5-L-2-DFT-PI2BPSK-Outet_Full-25@0-Ant1
-4.474-4.970-≤5-PASS



1-N5-15-5-L-3-DFT-16QAM-Outet_Full-25@0-Ant1-
4.462-5.110-≤5-PASS



1-N5-15-5-L-4-DFT-64QAM-Outet_Full-25@0-Ant1-4
.49-5.060-≤5-PASS

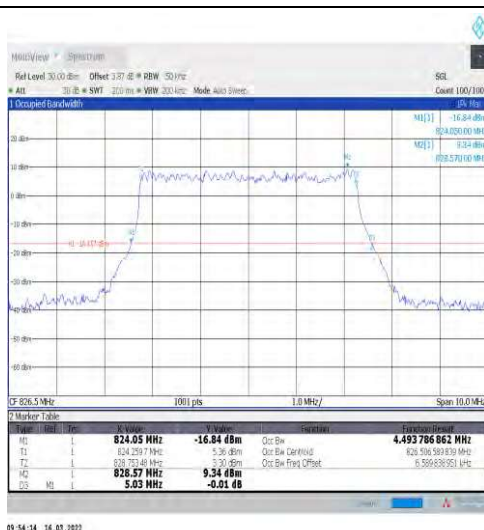


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

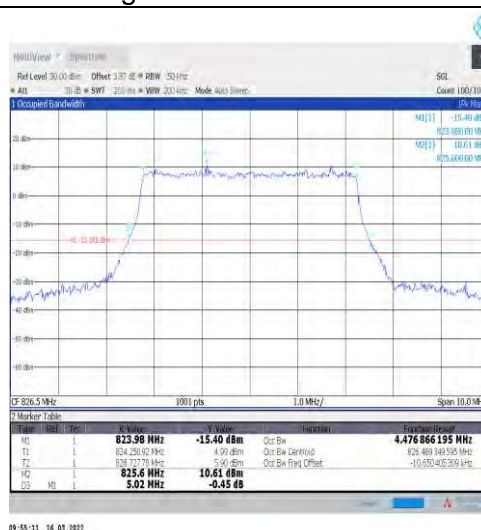
Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

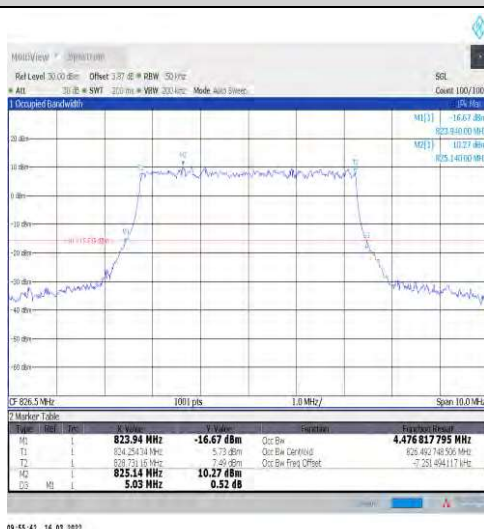
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com



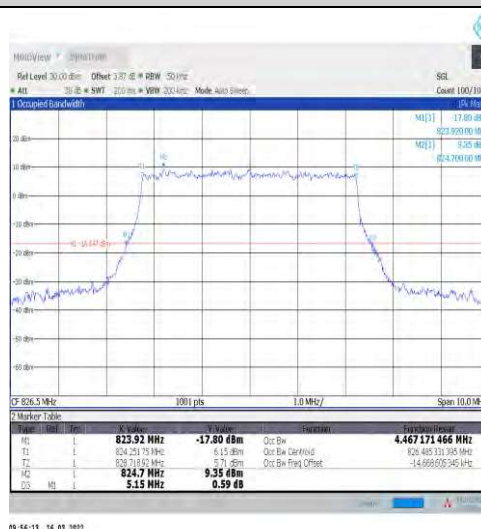
1-N5-15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant1
-4.494-5.030-≤5-PASS



1-N5-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-4.4
77-5.020-≤5-PASS



1-N5-15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant1-4.
477-5.030-≤5-PASS



1-N5-15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-4.
467-5.150-≤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 its contractual obligations. The Company does not assume any liability for the accuracy of the information or for any loss or 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: For the issuance of a test report, a certificate, or a certificate of testing inspection report & certificate, please contact us at telephone: +86-755-8307 1443, or email: CN.Qusicheng@sgs.com.

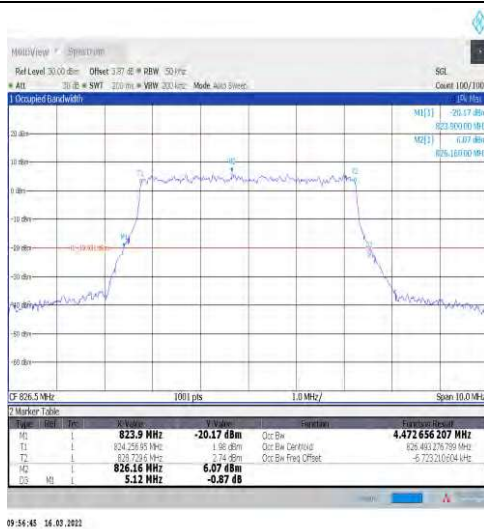
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海陵路2号的6号厂房南邻 邮编: 215000

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

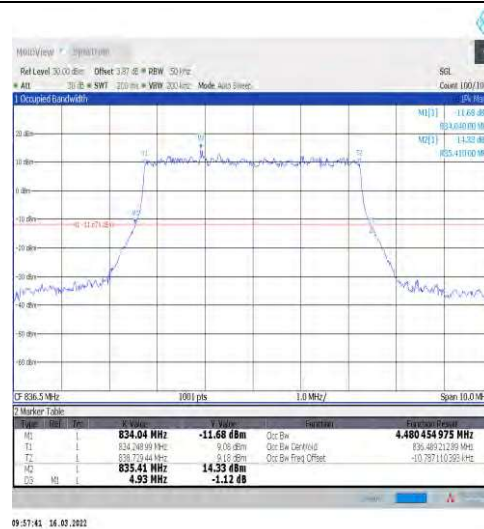
Report No.: SUZR/2022/1002202

Rev.: 02

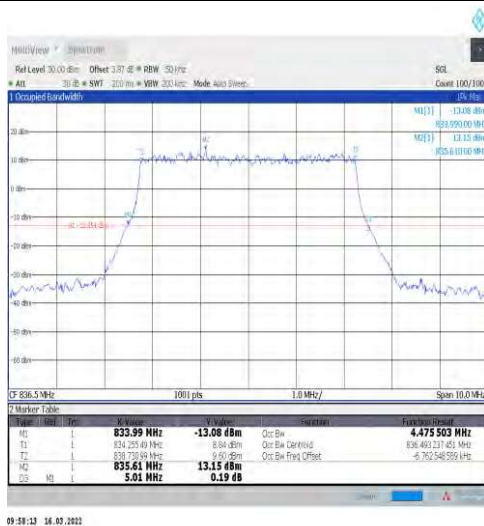
Page: 18 of 77



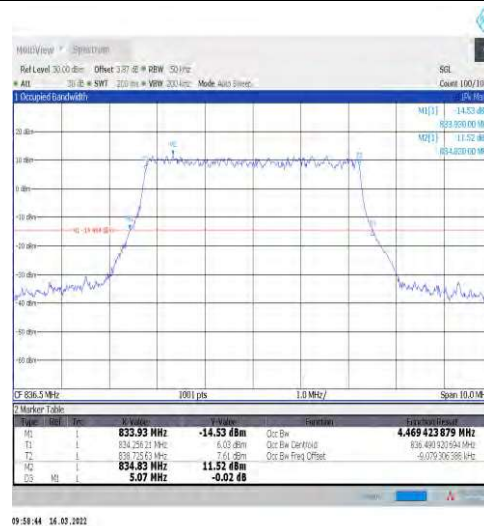
1-N5-15-5-L-9-CP-256QAM-Outer_Full-25@0-Ant1-
4.473-5.120-≤5-PASS



1-N5-15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.
48-4.930-≤5-PASS



1-N5-15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-Ant
1-4.476-5.010-≤5-PASS



1-N5-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant1-
4.469-5.070-≤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

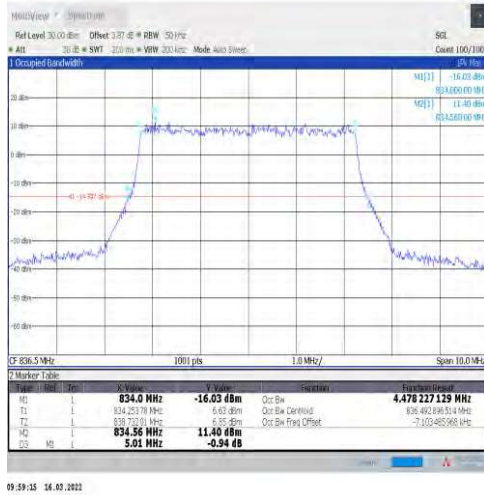
t (86-512) 62992980 www.sgs.com
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

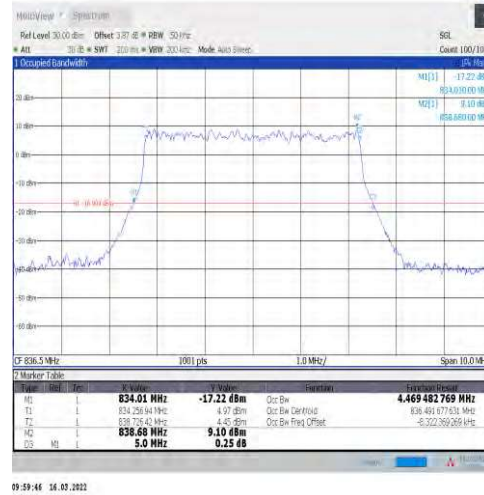
Report No.: SUZR/2022/1002202

Rev.: 02

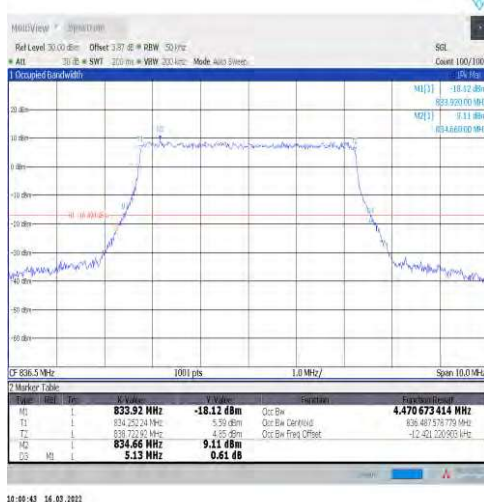
Page: 19 of 77



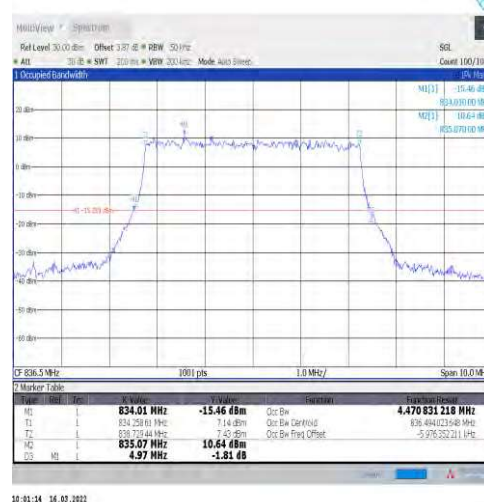
1-N5-15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant1-
4.478-5.010-≤5-PASS



1-N5-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant1
-4.469-5.000-≤5-PASS



1-N5-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.
471-5.130-≤5-PASS



1-N5-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-4.
471-4.970-≤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

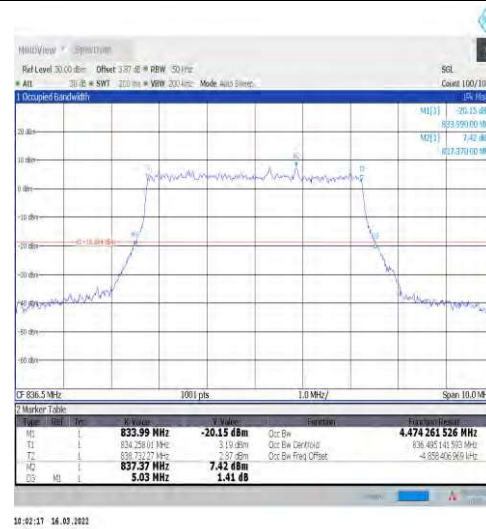
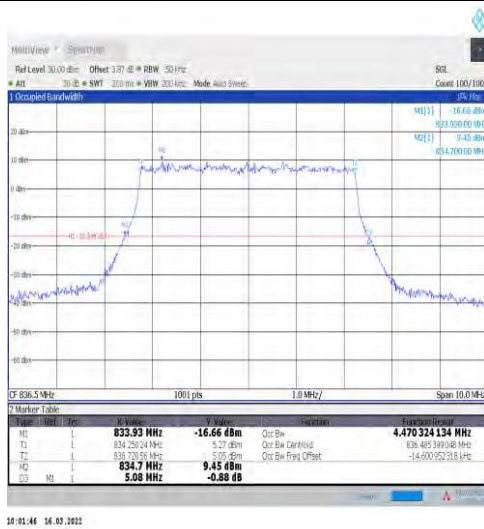
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

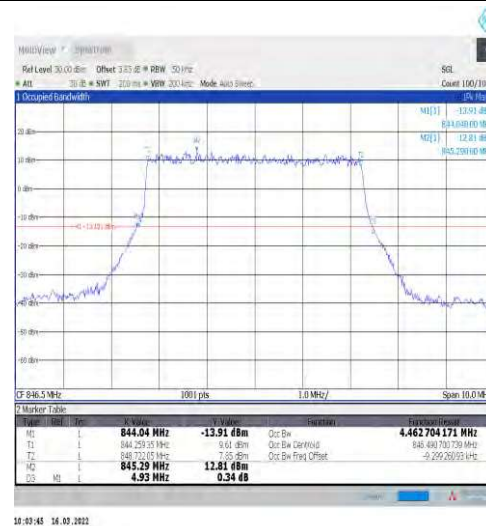
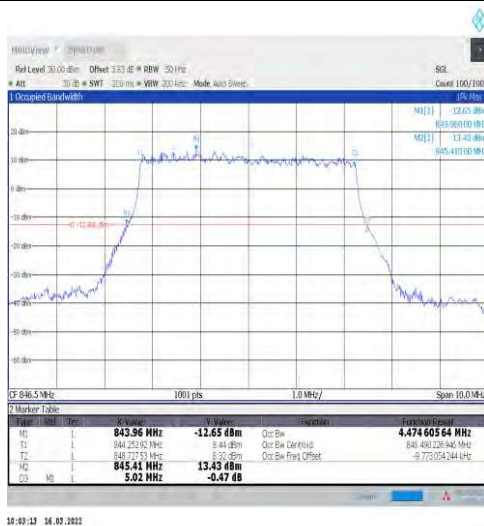
Rev.: 02

Page: 20 of 77



1-N5-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1-4
.47-5.080-≤5-PASS

1-N5-15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant1-
4.474-5.030-≤5-PASS



1-N5-15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.
475-5.020-≤5-PASS

1-N5-15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1
-4.463-4.930-≤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

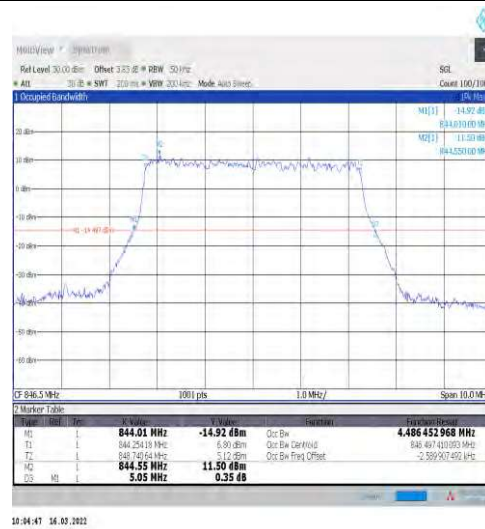
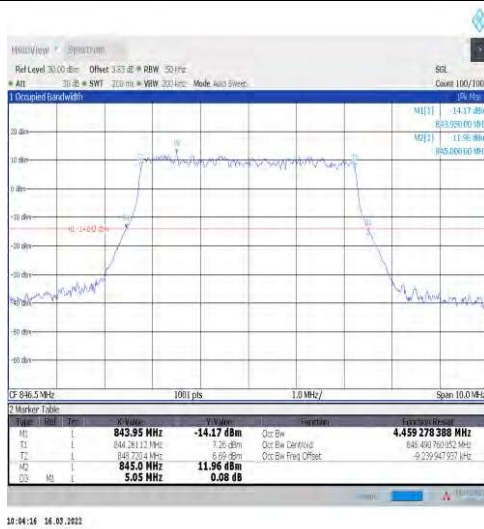
t (86-512) 62992980 www.sgs.com
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

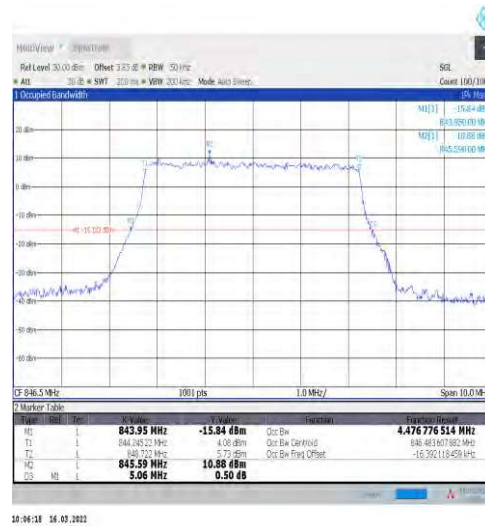
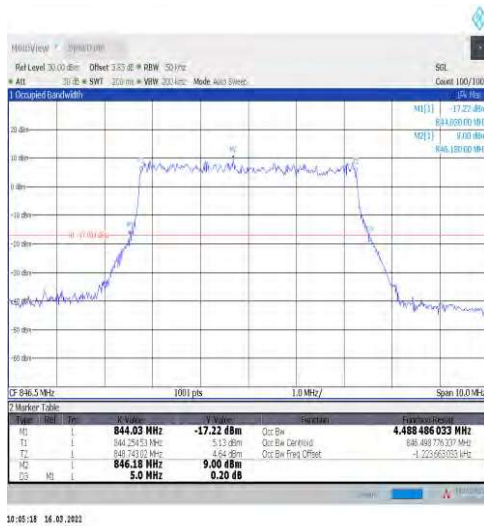
Rev.: 02

Page: 21 of 77



1-N5-15-5-H-3-DFT-16QAM-Outer_Full-25@0-Ant1-
4.459-5.050-≤5-PASS

1-N5-15-5-H-4-DFT-64QAM-Outer_Full-25@0-Ant1-
4.486-5.050-≤5-PASS



1-N5-15-5-H-5-DFT-256QAM-Outer_Full-25@0-Ant1
-4.488-5.000-≤5-PASS

1-N5-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-4.4
77-5.060-≤5-PASS



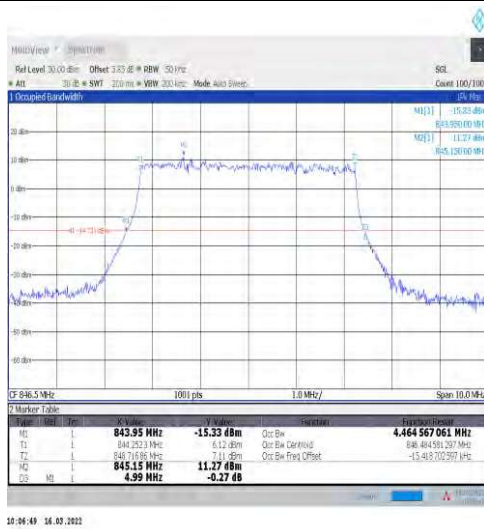
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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.cn
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SUZR/2022/1002202

Rev.: 02

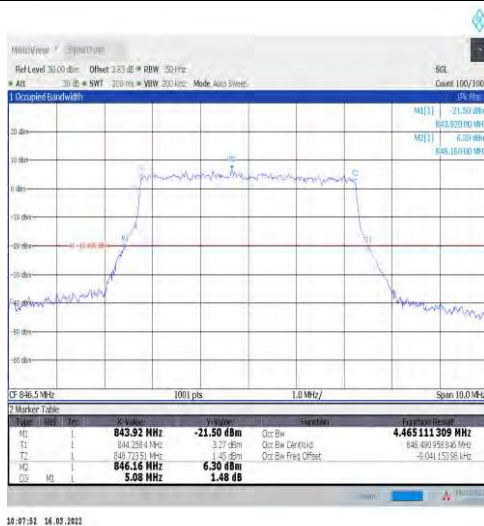
Page: 22 of 77



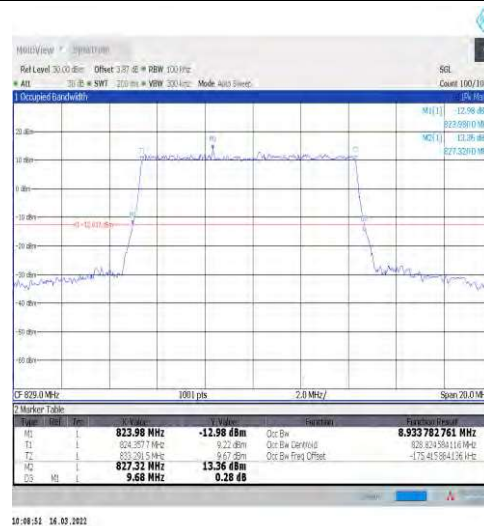
1-N5-15-5-H-7-CP-16QAM-Outer_Full-25@0-Ant1-4.
465-4.990-≤5-PASS



1-N5-15-5-H-8-CP-64QAM-Outer_Full-25@0-Ant1-4.
462-5.080-≤5-PASS



1-N5-15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant1-4.
4.465-5.080-≤5-PASS



1-N5-15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant1-8
.934-9.680-≤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)

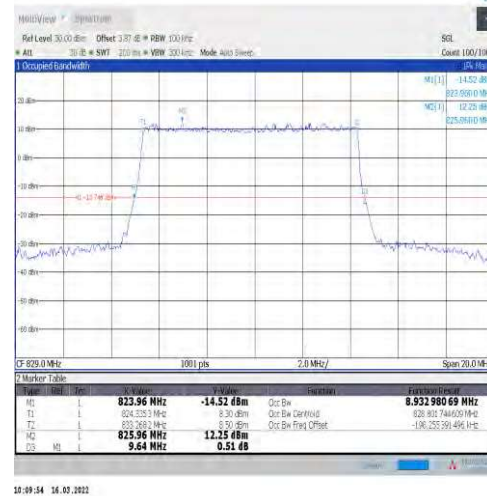
Report No.: SUZR/2022/1002202

Rev.: 02

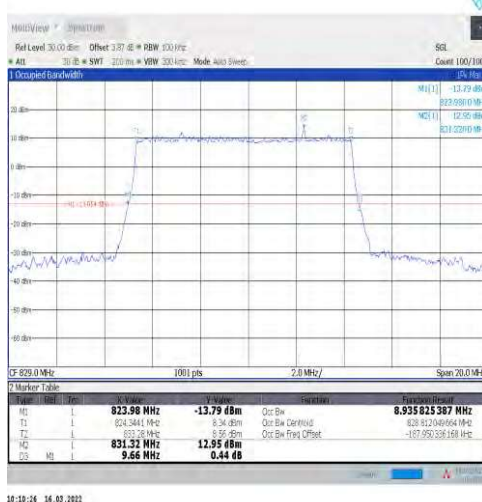
Page: 23 of 77



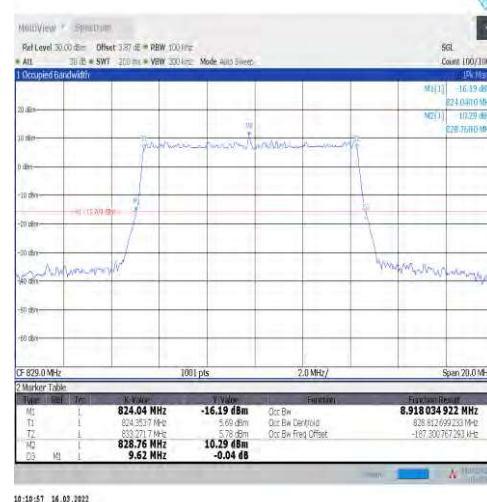
1-N5-15-10-L-2-DFT-PI2BPSK-Outer_Full-50@0-Ant
1-8.913-9.560-≤10-PASS



1-N5-15-10-L-3-DFT-16QAM-Outer_Full-50@0-Ant1
8.933-9.640-≤10-PASS



1-N5-15-10-L-4-DFT-64QAM-Outer_Full-50@0-Ant1
-8.936-9.660-≤10-PASS



1-N5-15-10-L-5-DFT-256QAM-Outer_Full-50@0-Ant
1-8.918-9.620-≤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.sgsgroup.com.cn

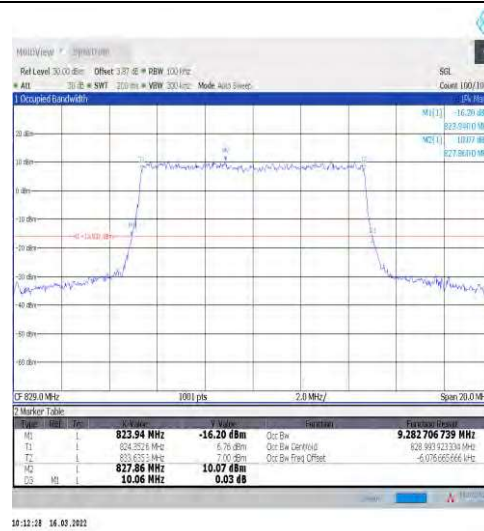
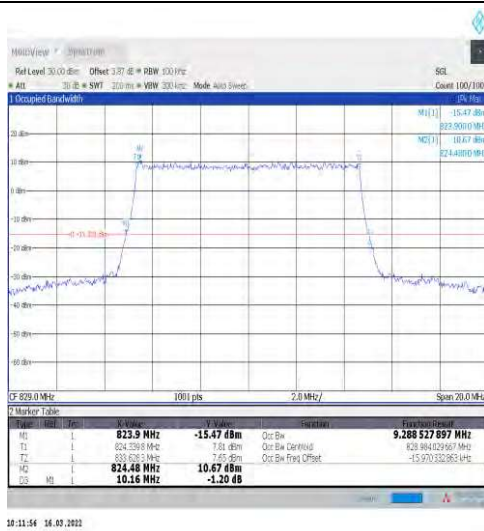
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

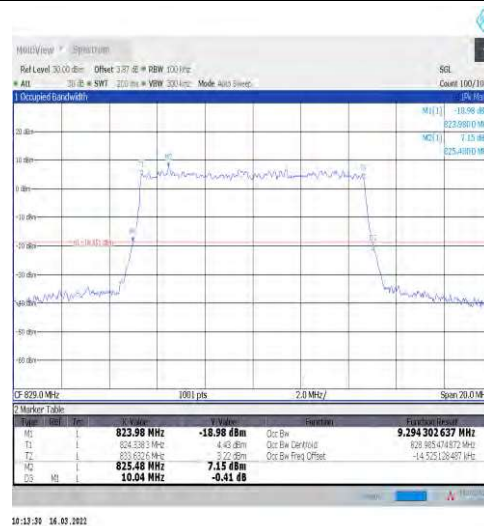
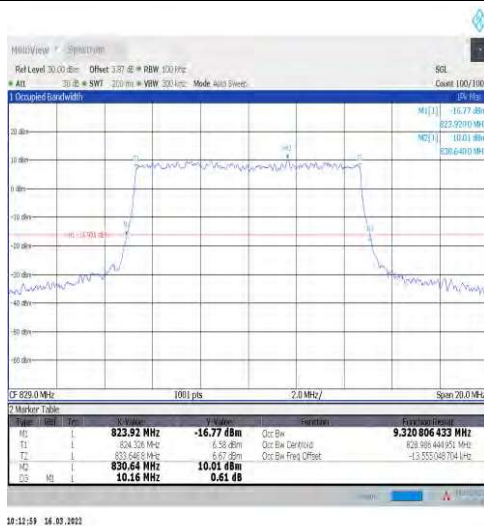
Rev.: 02

Page: 24 of 77



1-N5-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-9.
289-10.160≤10-PASS

1-N5-15-10-L-7-CP-16QAM-Outer_Full-52@0-Ant1-9.
.283-10.060≤10-PASS



1-N5-15-10-L-8-CP-64QAM-Outer_Full-52@0-Ant1-9.
9.321-10.160≤10-PASS

1-N5-15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant1-9.
9.294-10.040≤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

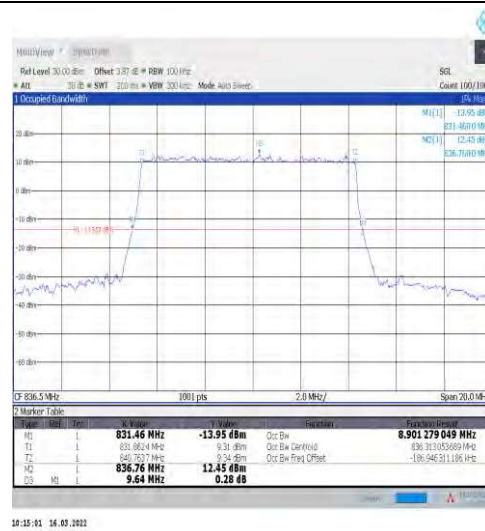
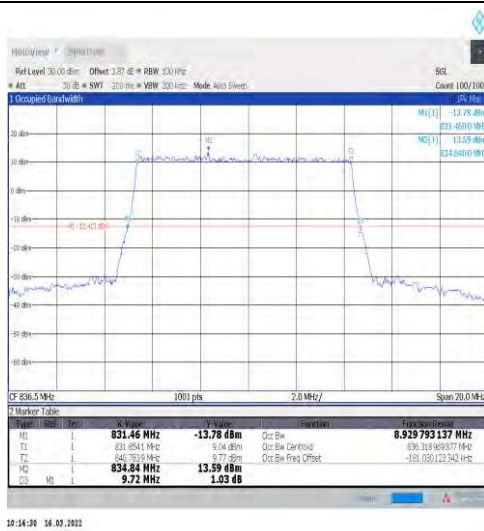
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

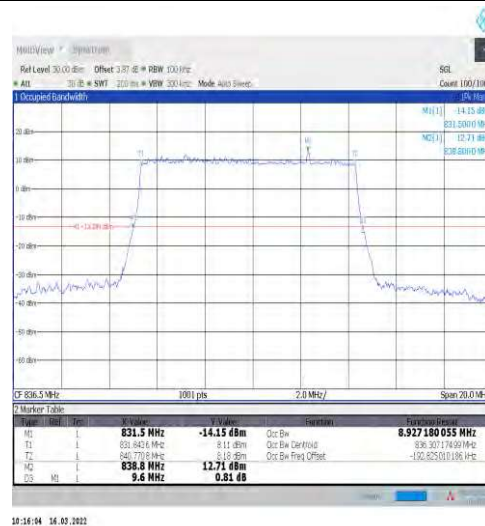
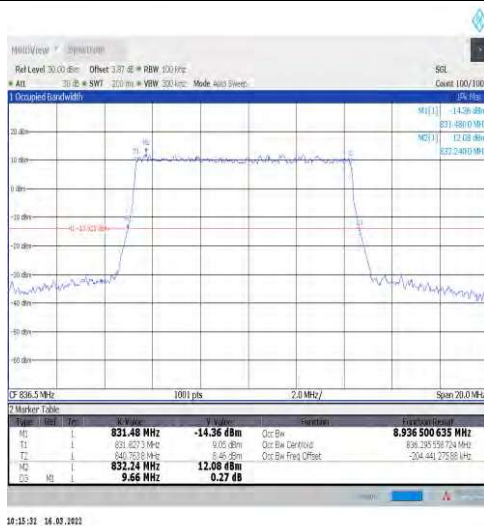
Rev.: 02

Page: 25 of 77



1-N5-15-10-M-1-DFT-QPSK-Outet_Full-50@0-Ant1-8.93-9.720-≤10-PASS

1-N5-15-10-M-2-DFT-PI2BPSK-Outet_Full-50@0-An t1-8.901-9.640-≤10-PASS



1-N5-15-10-M-3-DFT-16QAM-Outet_Full-50@0-Ant1-8.937-9.660-≤10-PASS

1-N5-15-10-M-4-DFT-64QAM-Outet_Full-50@0-Ant1-8.927-9.600-≤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 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

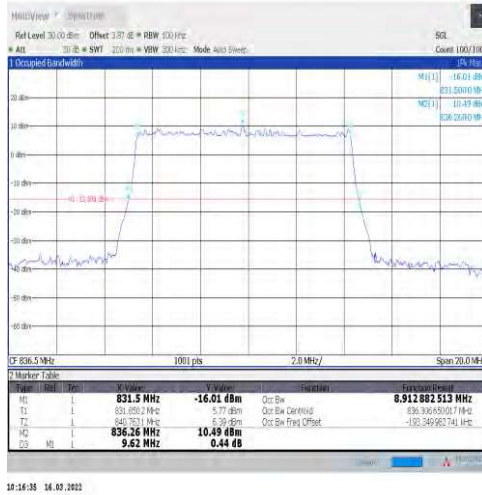
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

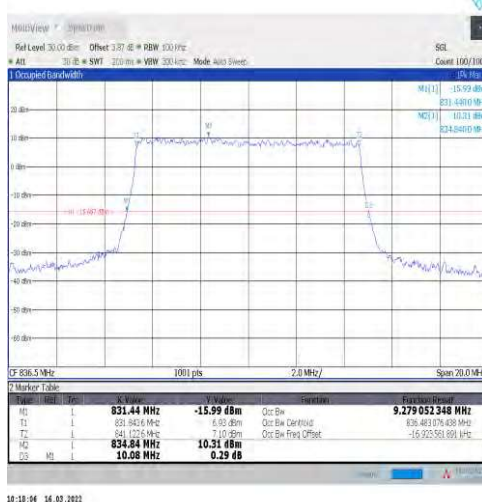
Rev.: 02

Page: 26 of 77



1-N5-15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant
1-8.913-9.620-≤10-PASS

1-N5-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-9.
292-10.120-≤10-PASS



1-N5-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-
9.279-10.080-≤10-PASS

1-N5-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-
9.324-10.240-≤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

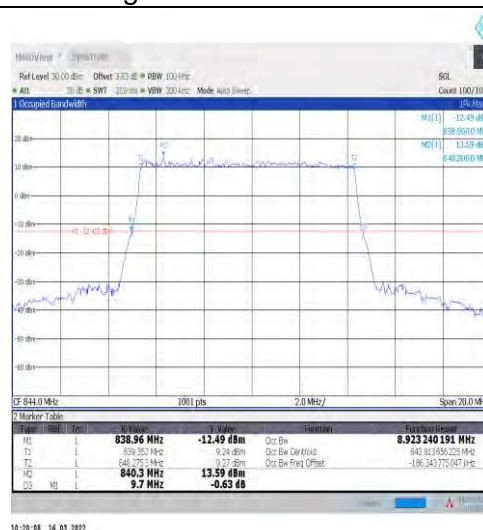
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

Rev.: 02

Page: 27 of 77



1-N5-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant
1-9.281-10.000≤10-PASS

1-N5-15-10-H-1-DFT-QPSK-Outer_Full-50@0-Ant1
8.923-9.700≤10-PASS



1-N5-15-10-H-2-DFT-PI2BPSK-Outer_Full-50@0-An
t1-8.899-9.620≤10-PASS

1-N5-15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant1
-8.937-9.720≤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

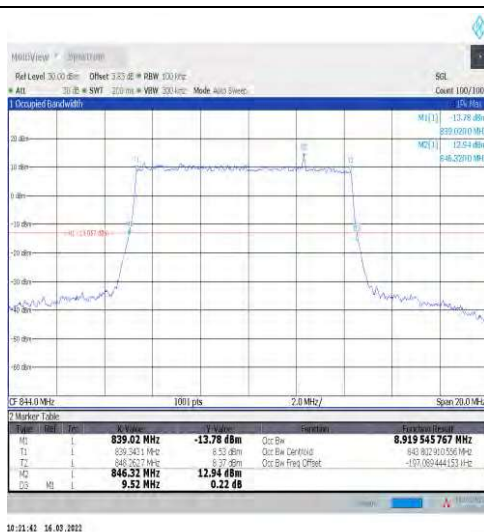
t (86-512) 62992980 www.sgs.com
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

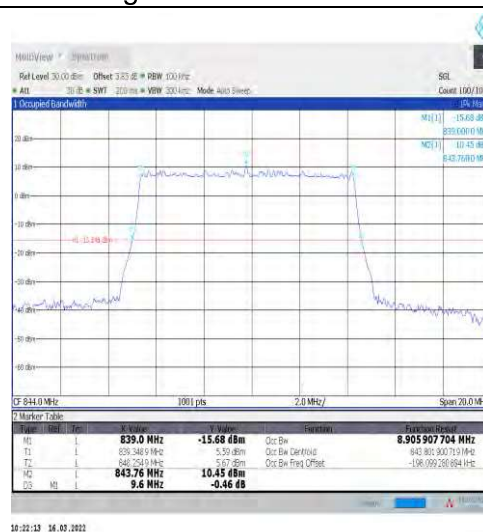
Report No.: SUZR/2022/1002202

Rev.: 02

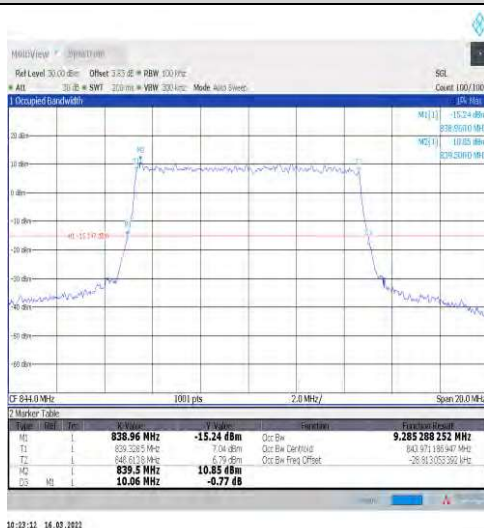
Page: 28 of 77



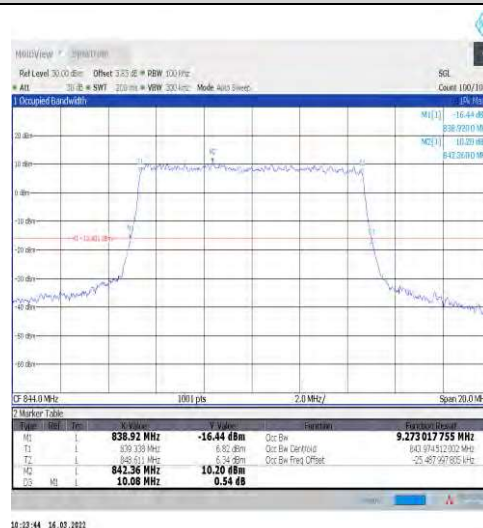
1-N5-15-10-H-4-DFT-64QAM-Outer_Full-50@0-Ant1
-8.92-9.520-≤10-PASS



1-N5-15-10-H-5-DFT-256QAM-Outer_Full-50@0-Ant
1-8.906-9.600-≤10-PASS



1-N5-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-9.
285-10.060-≤10-PASS



1-N5-15-10-H-7-CP-16QAM-Outer_Full-52@0-Ant1-
9.273-10.080-≤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