

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 1 of 61

Appendix B.29

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

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.6	24.13	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.57	24.1	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	23.64	24.17	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Left	23.58	24.11	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Right	23.54	24.07	38.45	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	23.58	24.11	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Left	24.05	24.58	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Right	23.65	24.18	38.45	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	22.59	23.12	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Left	22.22	22.75	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Right	22.12	22.65	38.45	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	22.06	22.59	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Left	19.9	20.43	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Right	19.77	20.3	38.45	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	20.01	20.54	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.59	24.12	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.74	24.27	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	23.68	24.21	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Left	23.62	24.15	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Right	23.77	24.3	38.45	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	23.64	24.17	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Left	24.02	24.55	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Right	24.17	24.7	38.45	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	22.64	23.17	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Left	21.95	22.48	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Right	22.1	22.63	38.45	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	22.26	22.79	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Left	19.82	20.35	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Right	20.03	20.56	38.45	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	20.17	20.7	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.63	24.16	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.51	24.04	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, Pansheng 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海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



N5	15	5	DFT-PI2BPSK	H	Outer_Full	23.58	24.11	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Left	23.62	24.15	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Right	23.54	24.07	38.45	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	23.57	24.1	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Left	24.03	24.56	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Right	23.96	24.49	38.45	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	22.6	23.13	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Left	22.02	22.55	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Right	21.91	22.44	38.45	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	22.16	22.69	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Left	19.92	20.45	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Right	19.78	20.31	38.45	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	20.01	20.54	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.38	23.91	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.46	23.99	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	23.51	24.04	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Left	23.43	23.96	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Right	23.49	24.02	38.45	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	23.51	24.04	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Left	23.85	24.38	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Right	23.9	24.43	38.45	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	22.4	22.93	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Left	21.77	22.3	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Right	21.84	22.37	38.45	PASS
N5	15	10	DFT-64QAM	L	Outer_Full	22.01	22.54	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Left	19.75	20.28	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Right	19.74	20.27	38.45	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	19.97	20.5	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.36	23.89	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.61	24.14	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	23.68	24.21	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Left	23.35	23.88	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Right	23.69	24.22	38.45	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	23.65	24.18	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Left	23.81	24.34	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Right	24.05	24.58	38.45	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	22.58	23.11	38.45	PASS
N5	15	10	DFT-64QAM	M	Inner_1RB_Left	21.74	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 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



N5	15	10	DFT-64QAM	M	Inner_1RB_Right	22.01	22.54	38.45	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	22.18	22.71	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Left	19.65	20.18	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Right	19.89	20.42	38.45	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	20.12	20.65	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.67	24.2	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.43	23.96	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	23.67	24.2	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Left	23.69	24.22	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Right	23.5	24.03	38.45	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	23.65	24.18	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Left	24.06	24.59	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Right	23.94	24.47	38.45	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	22.63	23.16	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Left	21.99	22.52	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Right	21.84	22.37	38.45	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	22.21	22.74	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Left	19.89	20.42	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Right	19.73	20.26	38.45	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	20.2	20.73	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.58	24.11	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.85	24.38	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	23.74	24.27	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Left	23.59	24.12	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Right	23.88	24.41	38.45	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	23.76	24.29	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Left	24.02	24.55	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Right	24.27	24.8	38.45	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	22.76	23.29	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Left	21.96	22.49	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Right	22.21	22.74	38.45	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	22.32	22.85	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Left	19.99	20.52	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Right	20.17	20.7	38.45	PASS
N5	15	15	DFT-256QAM	L	Outer_Full	20.21	20.74	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.52	24.05	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.71	24.24	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	23.9	24.43	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, Pansheng 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海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



N5	15	15	DFT-QPSK	M	Inner_1RB_Left	23.57	24.1	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Right	23.76	24.29	38.45	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	23.82	24.35	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Left	23.9	24.43	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Right	24.15	24.68	38.45	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	22.77	23.3	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Left	21.86	22.39	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Right	22.13	22.66	38.45	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	22.33	22.86	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Left	19.83	20.36	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Right	20.07	20.6	38.45	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	20.26	20.79	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.71	24.24	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.51	24.04	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Outer_Full	23.89	24.42	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Left	23.76	24.29	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Right	23.57	24.1	38.45	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	23.85	24.38	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Left	24.08	24.61	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Right	23.99	24.52	38.45	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	22.87	23.4	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Left	22.02	22.55	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Right	21.92	22.45	38.45	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	22.43	22.96	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Left	20.01	20.54	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Right	19.81	20.34	38.45	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	20.31	20.84	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.61	24.14	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.71	24.24	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	23.74	24.27	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Left	23.56	24.09	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Right	23.7	24.23	38.45	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	23.76	24.29	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Left	24.04	24.57	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Right	24.11	24.64	38.45	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	22.77	23.3	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Left	21.98	22.51	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Right	22.05	22.58	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, Punsheng 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.: SEWA2204000008RG02

Rev.: 01

Page: 6 of 61

N5	15	20	DFT-64QAM	L	Outer_Full	22.31	22.84	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Left	19.97	20.5	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Right	20.14	20.67	38.45	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	20.28	20.81	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.51	24.04	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.57	24.1	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	23.74	24.27	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Left	23.48	24.01	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Right	23.62	24.15	38.45	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	23.74	24.27	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Left	23.88	24.41	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Right	24	24.53	38.45	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	22.74	23.27	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Left	21.9	22.43	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Right	21.96	22.49	38.45	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	22.27	22.8	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Left	19.82	20.35	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Right	19.99	20.52	38.45	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	20.24	20.77	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.53	24.06	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.52	24.05	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	23.86	24.39	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Left	23.55	24.08	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Right	23.54	24.07	38.45	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	23.83	24.36	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Left	24.03	24.56	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Right	23.98	24.51	38.45	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	22.86	23.39	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Left	21.86	22.39	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Right	21.91	22.44	38.45	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	22.43	22.96	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Left	19.84	20.37	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Right	19.95	20.48	38.45	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	20.37	20.9	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, Pansheng 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海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Peak-to-Average Ratio for SA

Peak-to-Average Ratio(PAPR)

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	8.75	≤13	PASS
N5	15	20	CP-256QAM	L	Outer_Full	100%	0.00	9.78	≤13	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	9.86	≤13	PASS
N5	15	20	CP-256QAM	M	Outer_Full	100%	0.00	9.46	≤13	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	8.72	≤13	PASS
N5	15	20	CP-256QAM	H	Outer_Full	100%	0.00	9.62	≤13	PASS



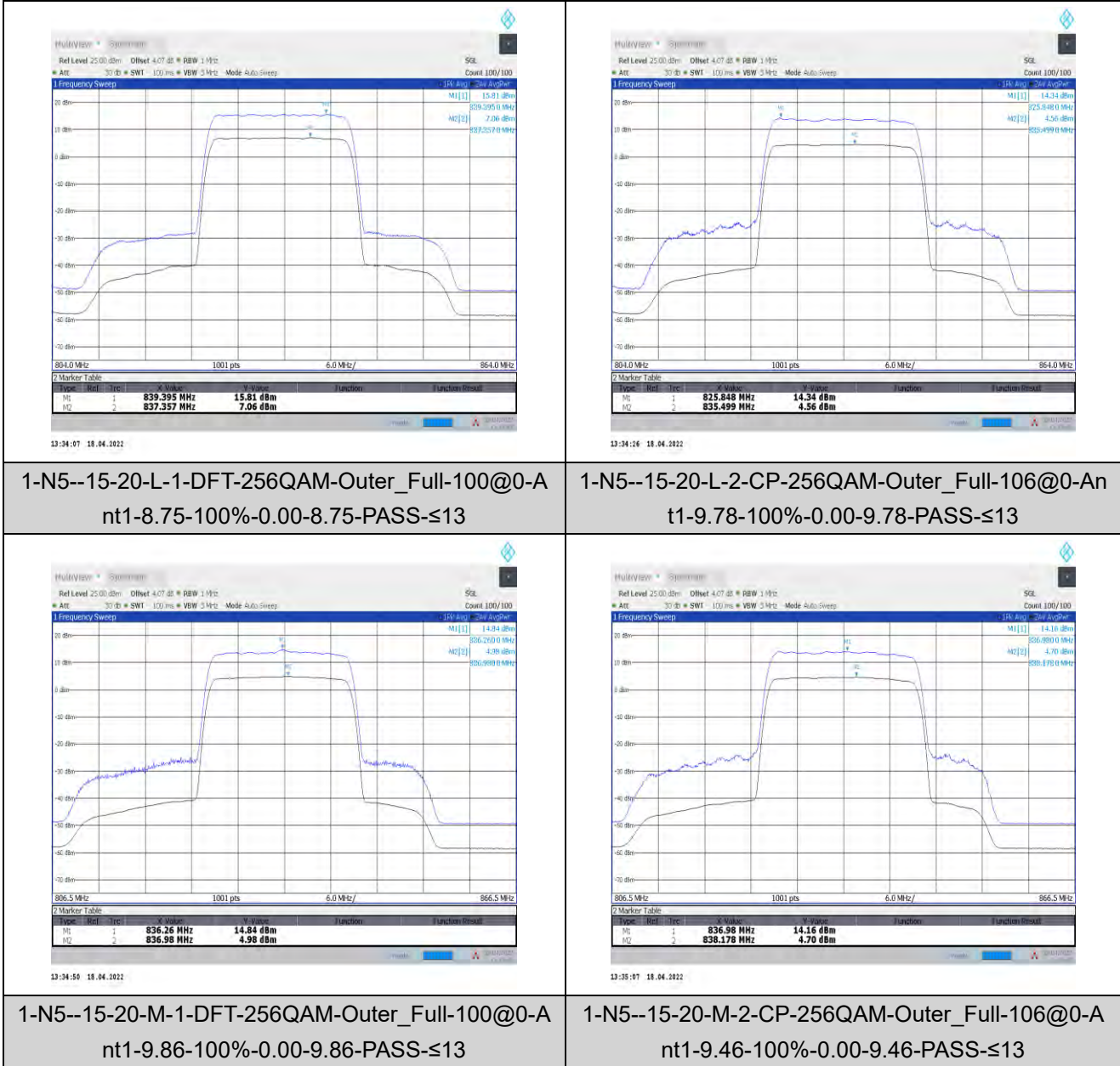
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

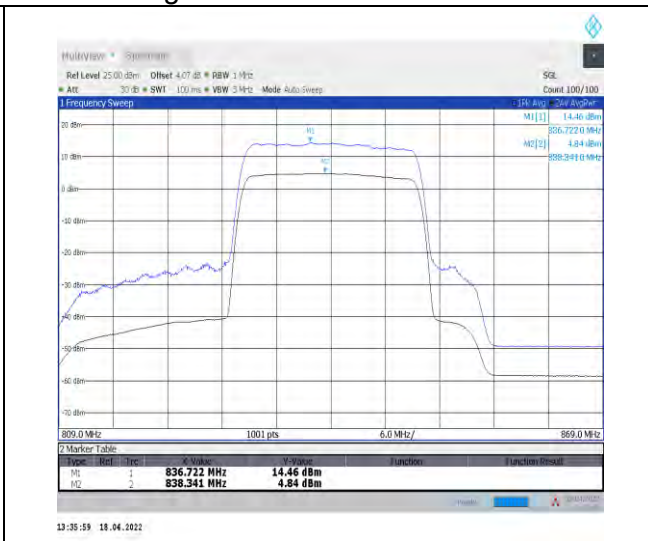
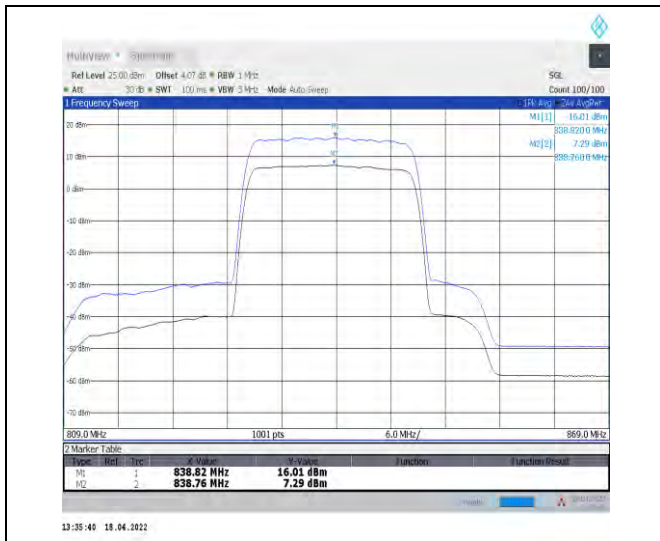
t (86-512) 62992980 www.sgs.com.cn
 t (86-512) 62992980 sgs.china@sgs.com

Test Graphs



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <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, Pulinsheng 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海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N5--15-20-H-1-DFT-256QAM-Outer_Full-100@0-A
 nt1-8.72-100%-0.00-8.72-PASS-≤13

1-N5--15-20-H-2-CP-256QAM-Outer_Full-106@0-A
 nt1-9.62-100%-0.00-9.62-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 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

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



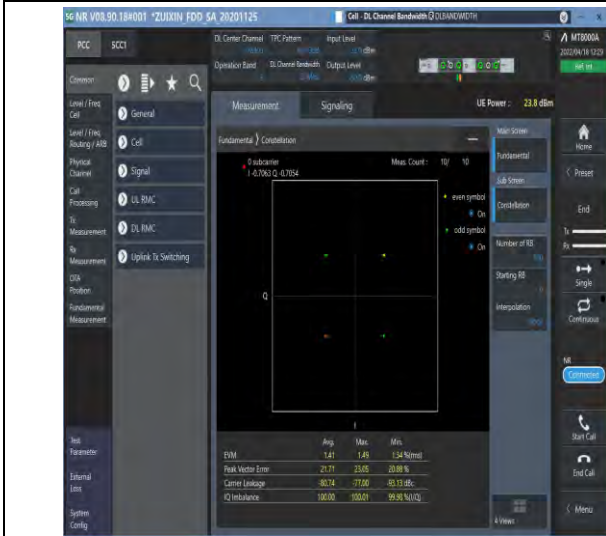
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

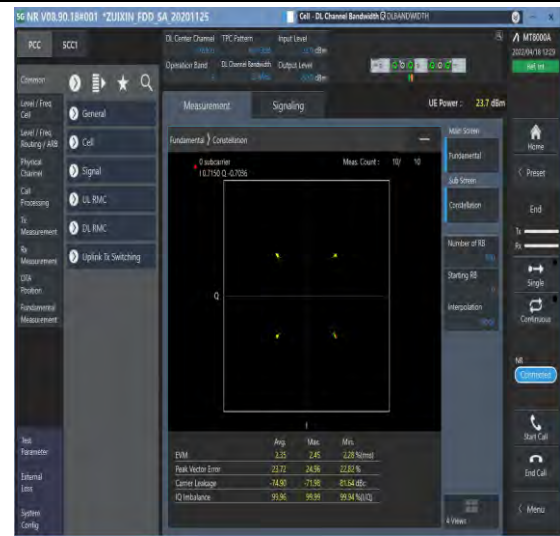
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

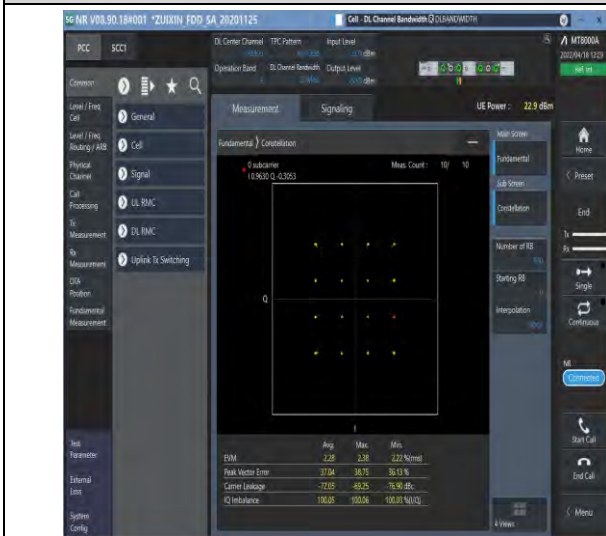
Test Graphs



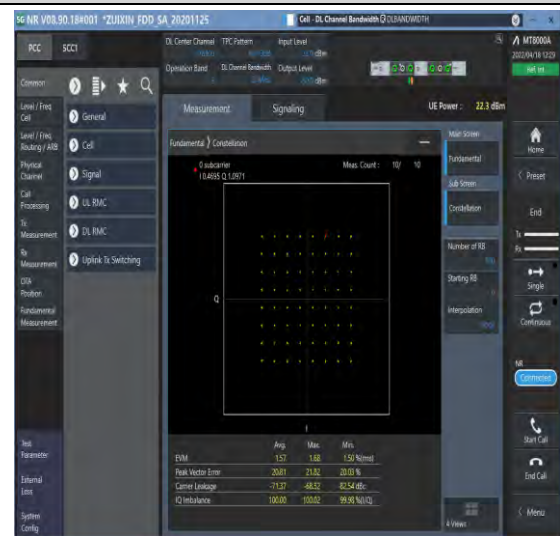
1-N5--15-20-M-1-DFT-PI2BPSK-Outer_Full-100@0-A
 nt1-see graph-PASS



1-N5--15-20-M-2-DFT-QPSK-Outer_Full-100@0-Ant
 1-see graph-PASS



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



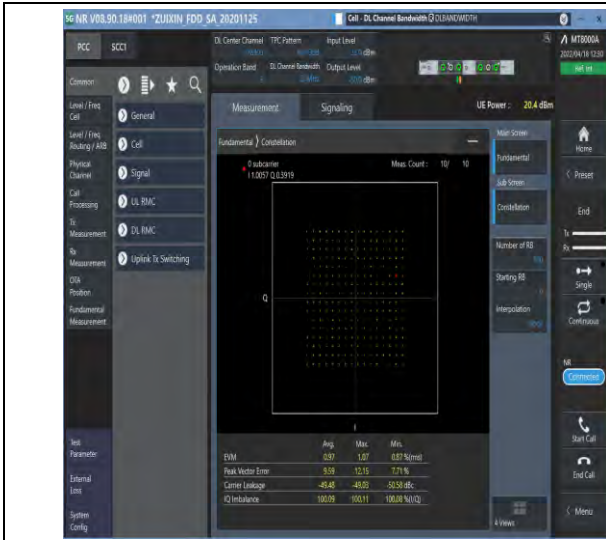
1-N5--15-20-M-4-DFT-64QAM-Outer_Full-100@0-A
 nt1-see graph-PASS



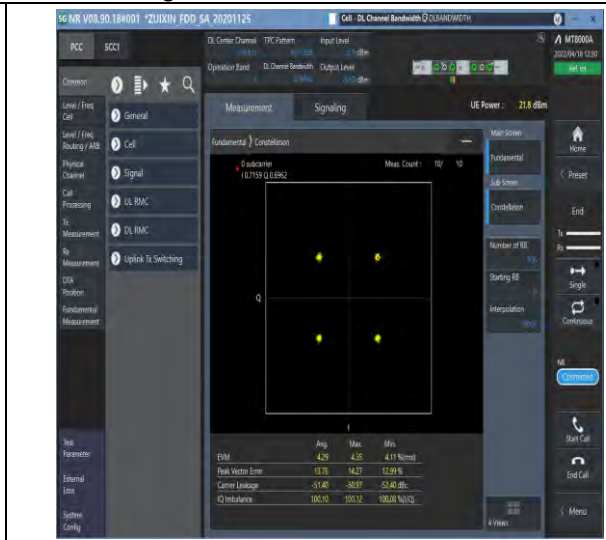
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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号厂房南部 邮编: 215000

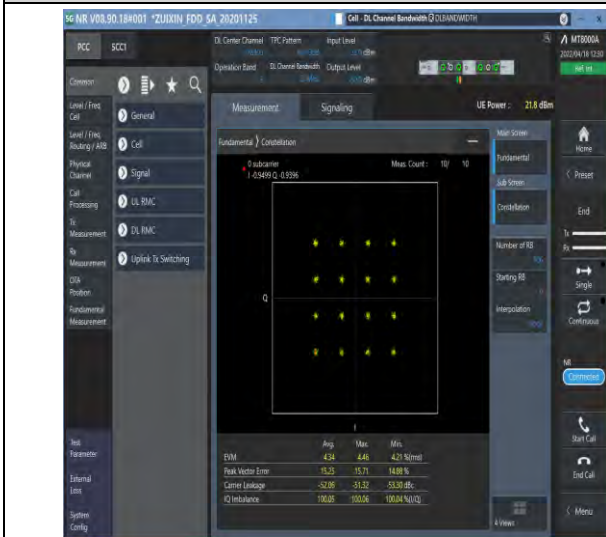
t (86-512) 62992980 www.sgs.com.cn
 t (86-512) 62992980 sgs.china@sgs.com



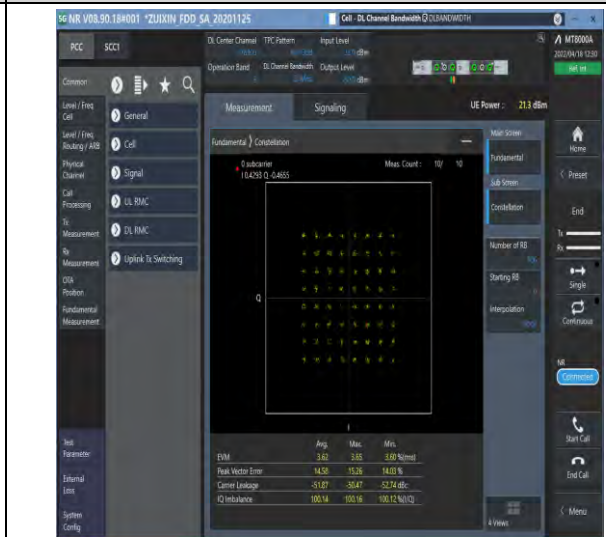
1-N5--15-20-M-5-DFT-256QAM-Outer_Full-100@0-Ant1-see graph-PASS



1-N5--15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant1-see graph-PASS



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-Ant1-see graph-PASS

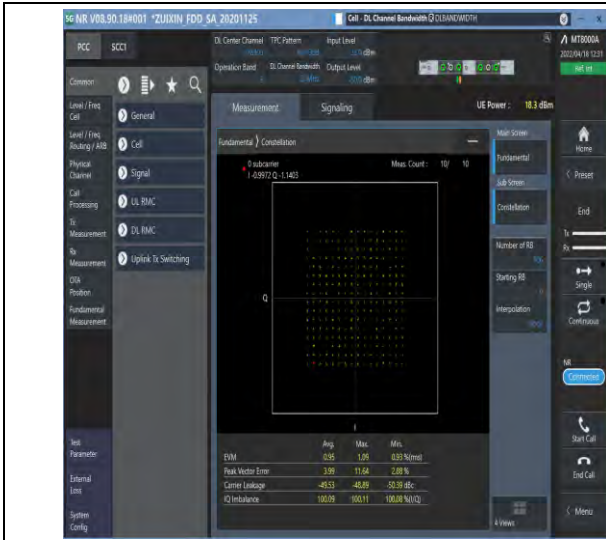


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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, Pansheng 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胜路1号的6号厂房南座 邮编: 215000

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



1-N5--15-20-M-9-CP-256QAM-Outer_Full-106@0-Ant
1-see graph-PASS



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	4.479	4.920	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	4.493	5.140	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	4.477	5.080	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	4.478	5.100	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	4.475	5.040	PASS
N5	15	5	CP-QPSK	L	Outer_Full	4.493	5.190	PASS
N5	15	5	CP-16QAM	L	Outer_Full	4.483	5.170	PASS
N5	15	5	CP-64QAM	L	Outer_Full	4.486	5.260	PASS
N5	15	5	CP-256QAM	L	Outer_Full	4.489	5.140	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	4.487	5.050	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	4.474	5.100	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	4.48	5.030	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	4.489	5.100	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	4.483	5.080	PASS
N5	15	5	CP-QPSK	M	Outer_Full	4.474	5.140	PASS
N5	15	5	CP-16QAM	M	Outer_Full	4.49	5.140	PASS
N5	15	5	CP-64QAM	M	Outer_Full	4.481	5.160	PASS
N5	15	5	CP-256QAM	M	Outer_Full	4.49	5.160	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	4.488	5.030	PASS
N5	15	5	DFT-PI2BPSK	H	Outer_Full	4.476	5.100	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	4.472	5.090	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	4.482	5.140	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	4.491	5.120	PASS
N5	15	5	CP-QPSK	H	Outer_Full	4.482	5.170	PASS
N5	15	5	CP-16QAM	H	Outer_Full	4.492	5.200	PASS
N5	15	5	CP-64QAM	H	Outer_Full	4.483	5.190	PASS
N5	15	5	CP-256QAM	H	Outer_Full	4.493	5.140	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	8.944	9.680	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	8.939	9.820	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	8.952	9.740	PASS
N5	15	10	DFT-64QAM	L	Outer_Full	8.942	9.760	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	8.95	9.740	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, Pansheng 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澄路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.: SEWA2204000008RG02

Rev.: 01

Page: 15 of 61

N5	15	10	CP-QPSK	L	Outer_Full	9.312	10.280	PASS
N5	15	10	CP-16QAM	L	Outer_Full	9.288	10.200	PASS
N5	15	10	CP-64QAM	L	Outer_Full	9.307	10.160	PASS
N5	15	10	CP-256QAM	L	Outer_Full	9.298	10.140	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	8.929	9.740	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	8.952	9.700	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	8.943	9.600	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	8.928	9.760	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	8.933	9.680	PASS
N5	15	10	CP-QPSK	M	Outer_Full	9.297	10.240	PASS
N5	15	10	CP-16QAM	M	Outer_Full	9.275	10.160	PASS
N5	15	10	CP-64QAM	M	Outer_Full	9.3	10.180	PASS
N5	15	10	CP-256QAM	M	Outer_Full	9.287	10.120	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	8.949	9.680	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	8.935	9.860	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	8.946	9.640	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	8.932	9.720	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	8.936	9.600	PASS
N5	15	10	CP-QPSK	H	Outer_Full	9.311	10.280	PASS
N5	15	10	CP-16QAM	H	Outer_Full	9.284	10.060	PASS
N5	15	10	CP-64QAM	H	Outer_Full	9.307	10.200	PASS
N5	15	10	CP-256QAM	H	Outer_Full	9.302	10.180	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	13.496	14.430	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	13.437	14.550	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	13.446	14.490	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	13.434	14.550	PASS
N5	15	15	DFT-256QAM	L	Outer_Full	13.427	14.400	PASS
N5	15	15	CP-QPSK	L	Outer_Full	14.139	15.330	PASS
N5	15	15	CP-16QAM	L	Outer_Full	14.128	15.150	PASS
N5	15	15	CP-64QAM	L	Outer_Full	14.162	15.240	PASS
N5	15	15	CP-256QAM	L	Outer_Full	14.15	15.240	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	13.487	14.460	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	13.398	14.460	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	13.444	14.520	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	13.407	14.460	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	13.41	14.430	PASS
N5	15	15	CP-QPSK	M	Outer_Full	14.114	15.210	PASS
N5	15	15	CP-16QAM	M	Outer_Full	14.092	15.090	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, Pansheng 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海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWA2204000008RG02

Rev.: 01

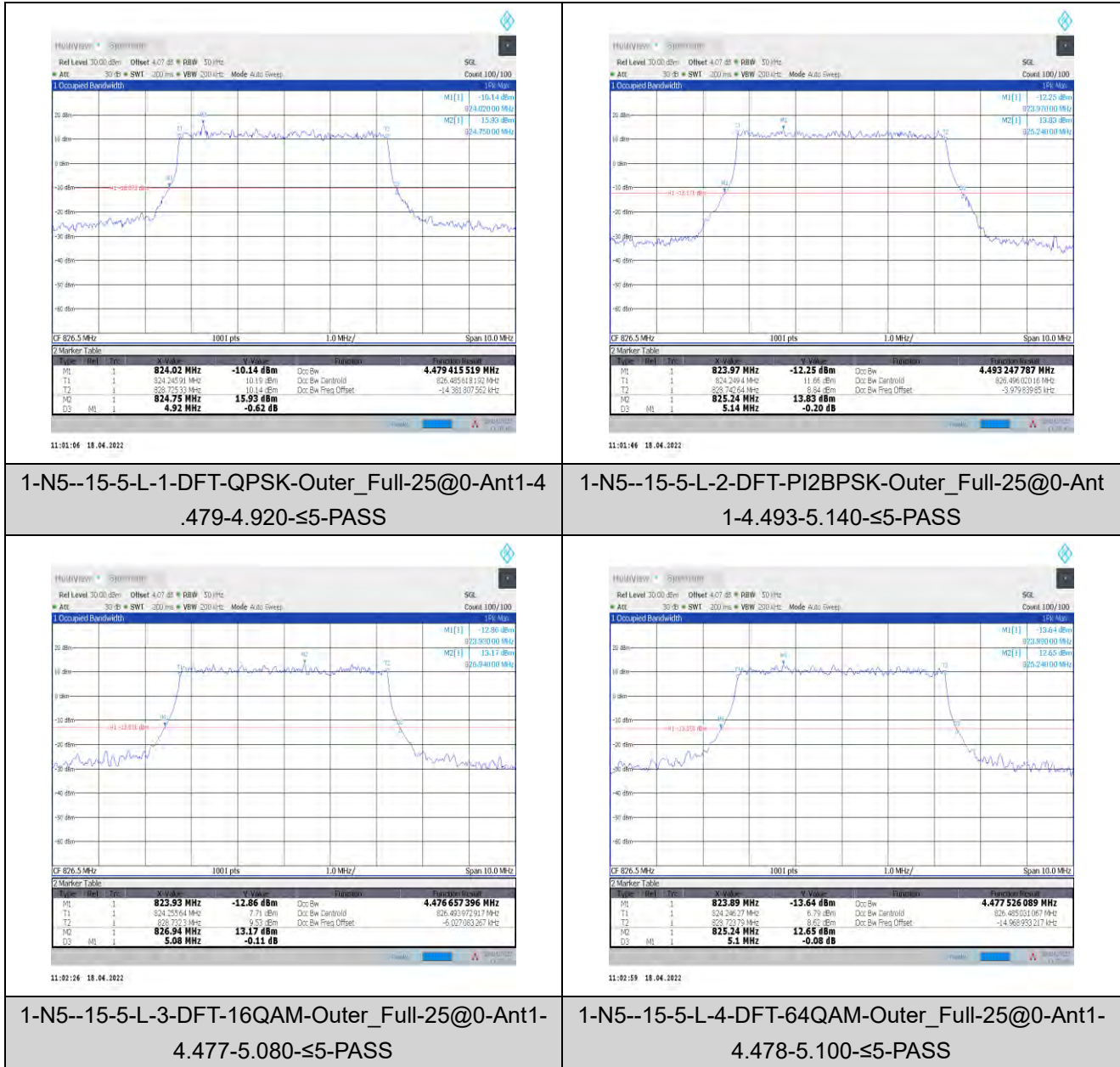
Page: 16 of 61

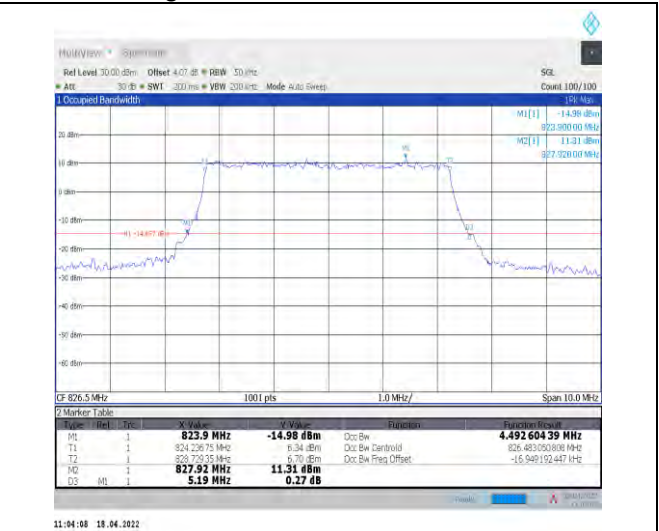
N5	15	15	CP-64QAM	M	Outer_Full	14.13	15.210	PASS
N5	15	15	CP-256QAM	M	Outer_Full	14.12	15.240	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	13.482	14.430	PASS
N5	15	15	DFT-PI2BPSK	H	Outer_Full	13.396	14.310	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	13.424	14.430	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	13.406	14.490	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	13.418	14.520	PASS
N5	15	15	CP-QPSK	H	Outer_Full	14.112	15.300	PASS
N5	15	15	CP-16QAM	H	Outer_Full	14.098	15.180	PASS
N5	15	15	CP-64QAM	H	Outer_Full	14.129	15.120	PASS
N5	15	15	CP-256QAM	H	Outer_Full	14.121	15.240	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	17.826	18.880	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	17.854	18.880	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	17.883	19.000	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	17.829	19.040	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	17.865	19.040	PASS
N5	15	20	CP-QPSK	L	Outer_Full	18.905	20.200	PASS
N5	15	20	CP-16QAM	L	Outer_Full	18.917	20.120	PASS
N5	15	20	CP-64QAM	L	Outer_Full	18.888	20.120	PASS
N5	15	20	CP-256QAM	L	Outer_Full	18.869	20.000	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	17.801	18.880	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	17.817	18.960	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	17.843	19.000	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	17.83	18.960	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	17.809	19.040	PASS
N5	15	20	CP-QPSK	M	Outer_Full	18.902	20.160	PASS
N5	15	20	CP-16QAM	M	Outer_Full	18.884	20.120	PASS
N5	15	20	CP-64QAM	M	Outer_Full	18.897	20.120	PASS
N5	15	20	CP-256QAM	M	Outer_Full	18.887	20.080	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	17.81	18.920	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	17.821	18.920	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	17.845	18.960	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	17.809	18.880	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	17.847	18.960	PASS
N5	15	20	CP-QPSK	H	Outer_Full	18.894	20.080	PASS
N5	15	20	CP-16QAM	H	Outer_Full	18.889	19.960	PASS
N5	15	20	CP-64QAM	H	Outer_Full	18.877	20.080	PASS
N5	15	20	CP-256QAM	H	Outer_Full	18.856	20.000	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, Pansheng 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海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Test Graphs





1-N5--15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant
 1-4.475-5.040-≤5-PASS

1-N5--15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-4.4
 93-5.190-≤5-PASS



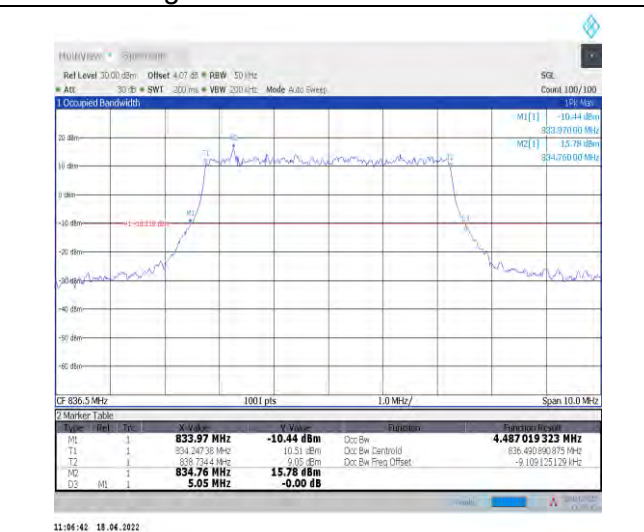
1-N5--15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant1-4
 .483-5.170-≤5-PASS

1-N5--15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-4
 .486-5.260-≤5-PASS





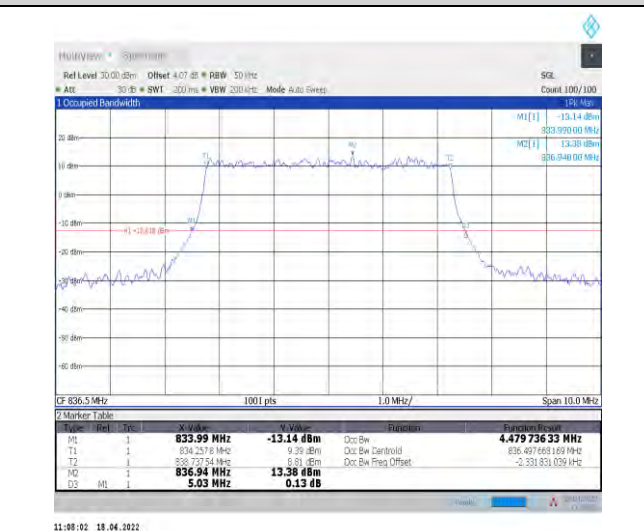
1-N5--15-5-L-9-CP-256QAM-Outer_Full-25@0-Ant1-4.489-5.140-≤5-PASS



1-N5--15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.487-5.050-≤5-PASS



1-N5--15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.474-5.100-≤5-PASS



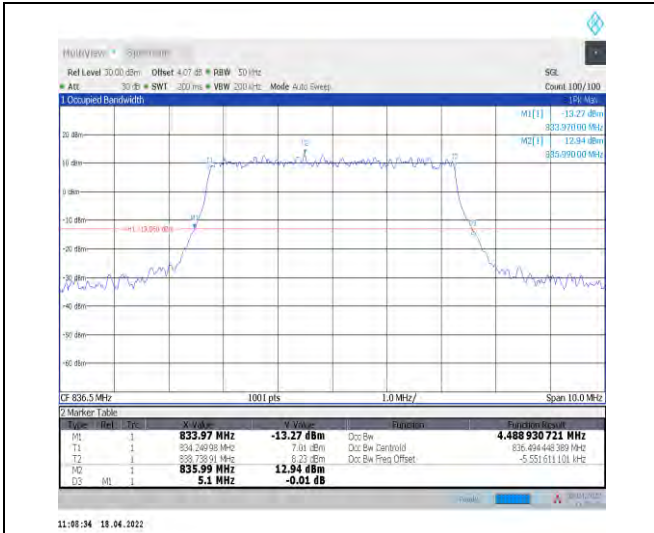
1-N5--15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.48-5.030-≤5-PASS



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, Pansheng 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海胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



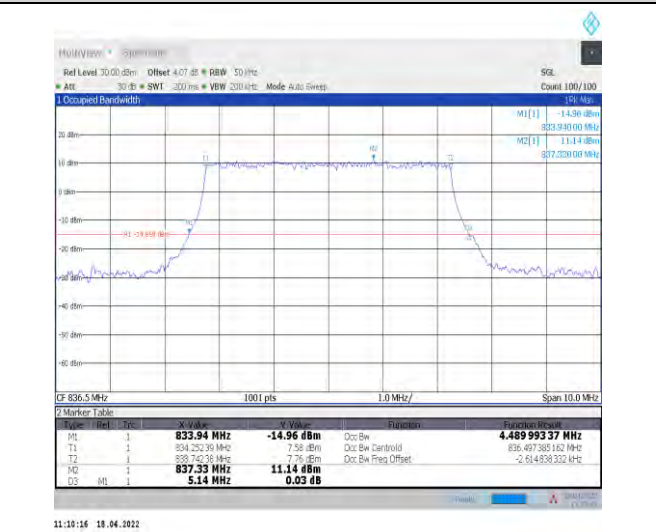
1-N5--15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant1
-4.489-5.100-≤5-PASS



1-N5--15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant
1-4.483-5.080-≤5-PASS



1-N5--15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.
474-5.140-≤5-PASS



1-N5--15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-
4.49-5.140-≤5-PASS





1-N5--15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1-
.4.481-5.160-\leq5-PASS

1-N5--15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant1-
.4.489-5.160-\leq5-PASS



1-N5--15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant1-4
.488-5.030-\leq5-PASS

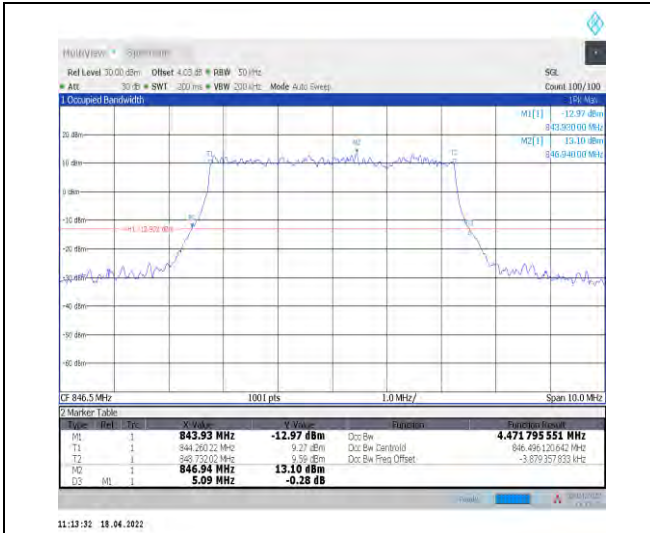
1-N5--15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-Ant
1-4.476-5.100-\leq5-PASS



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

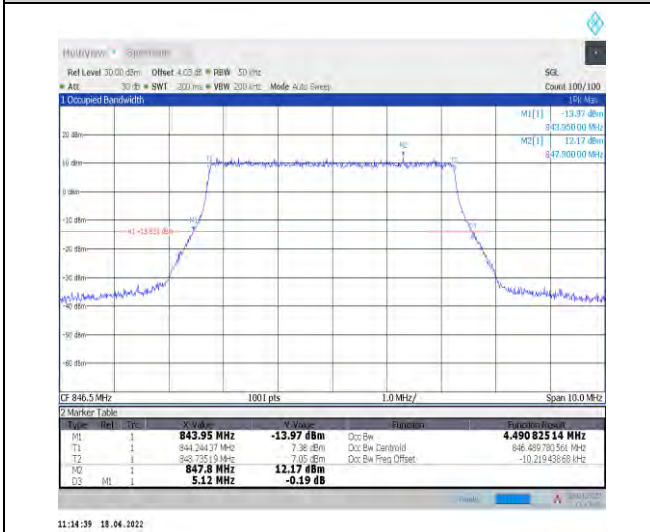
South of No. 6 Plant, No. 1, Pulinsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



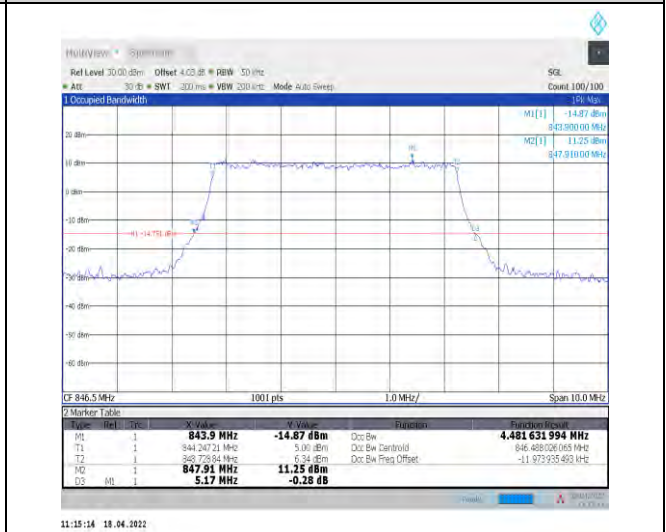
1-N5--15-5-H-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.472-5.090-\leq5-PASS



1-N5--15-5-H-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.482-5.140-\leq5-PASS



1-N5--15-5-H-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.491-5.120-\leq5-PASS



1-N5--15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-4.482-5.170-\leq5-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

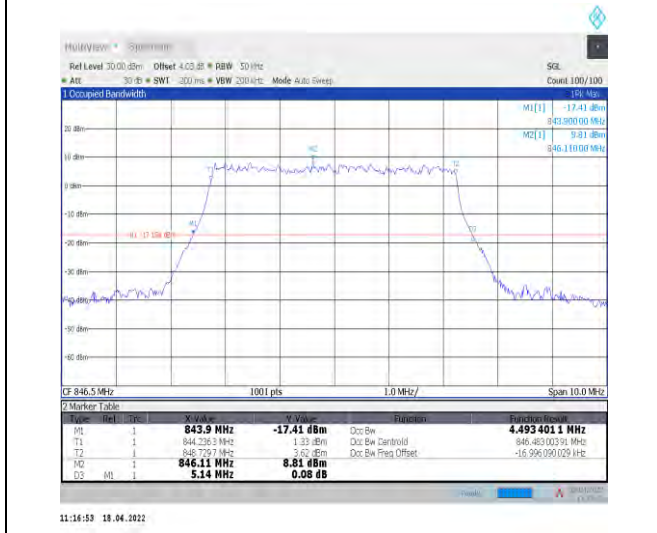
South of No. 6 Plant, No. 1, Pulinsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海陵路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N5--15-5-H-7-CP-16QAM-Outer_Full-25@0-Ant1-4.492-5.200-≤5-PASS



1-N5--15-5-H-8-CP-64QAM-Outer_Full-25@0-Ant1-4.483-5.190-≤5-PASS



1-N5--15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant1-4.493-5.140-≤5-PASS



1-N5--15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.944-9.680-≤10-PASS





1-N5--15-10-L-2-DFT-PI2BPSK-Outer_Full-50@0-Ant
t1-8.939-9.820-≤10-PASS



1-N5--15-10-L-3-DFT-16QAM-Outer_Full-50@0-Ant1
-8.952-9.740-≤10-PASS

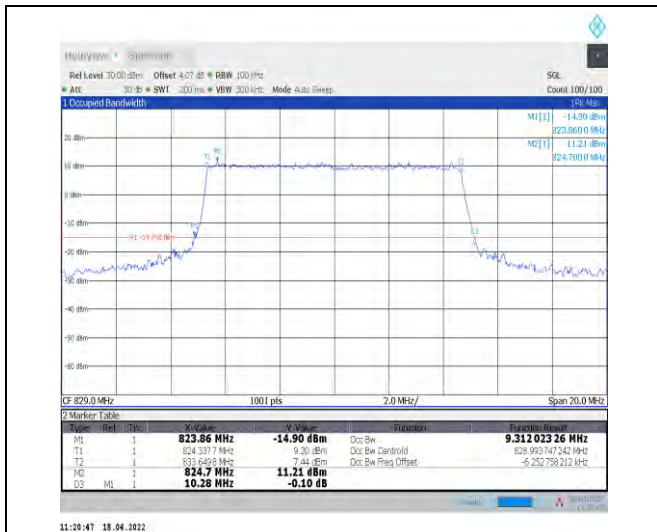


1-N5--15-10-L-4-DFT-64QAM-Outer_Full-50@0-Ant
1-8.942-9.760-≤10-PASS



1-N5--15-10-L-5-DFT-256QAM-Outer_Full-50@0-Ant
1-8.95-9.740-≤10-PASS





1-N5--15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-9
 .312-10.280-≤10-PASS



1-N5--15-10-L-7-CP-16QAM-Outer_Full-52@0-Ant1-9
 9.288-10.200-≤10-PASS



1-N5--15-10-L-8-CP-64QAM-Outer_Full-52@0-Ant1-9
 9.307-10.160-≤10-PASS



1-N5--15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant1-9
 -9.298-10.140-≤10-PASS

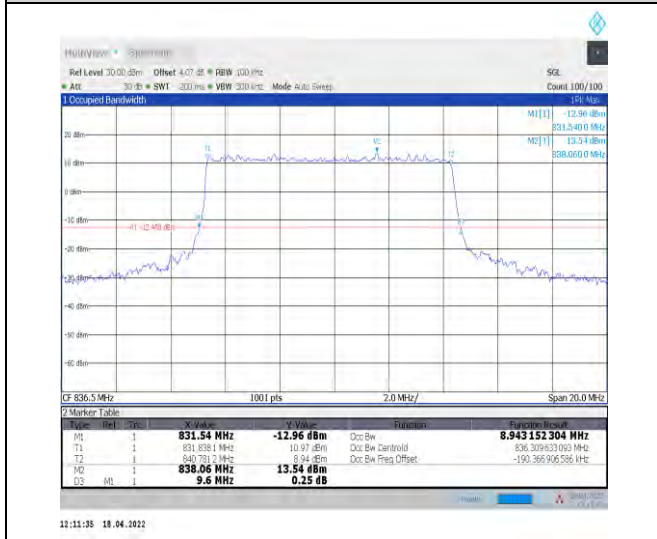




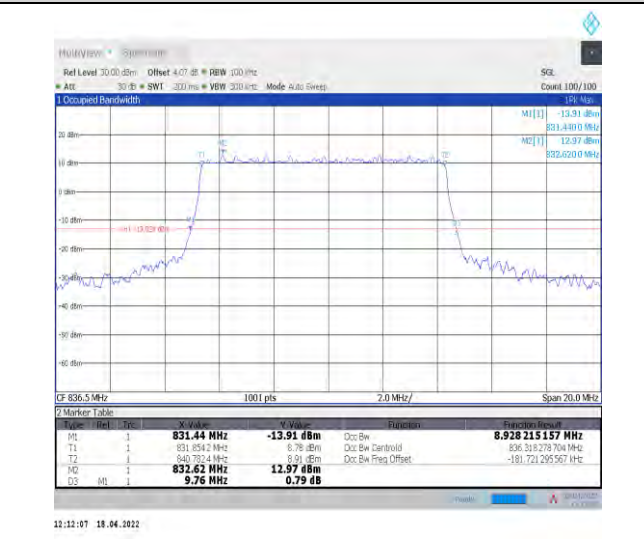
1-N5--15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant1
 -8.929-9.740-≤10-PASS



1-N5--15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1
 -8.952-9.700-≤10-PASS



1-N5--15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1
 1-8.943-9.600-≤10-PASS



1-N5--15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant1
 1-8.928-9.760-≤10-PASS

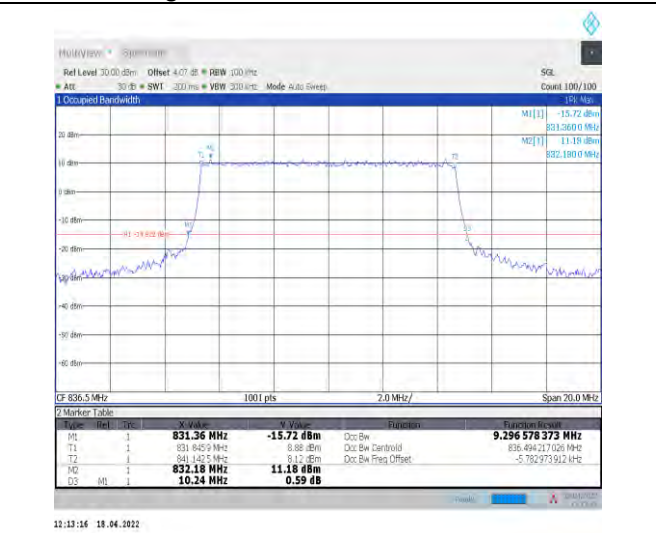


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

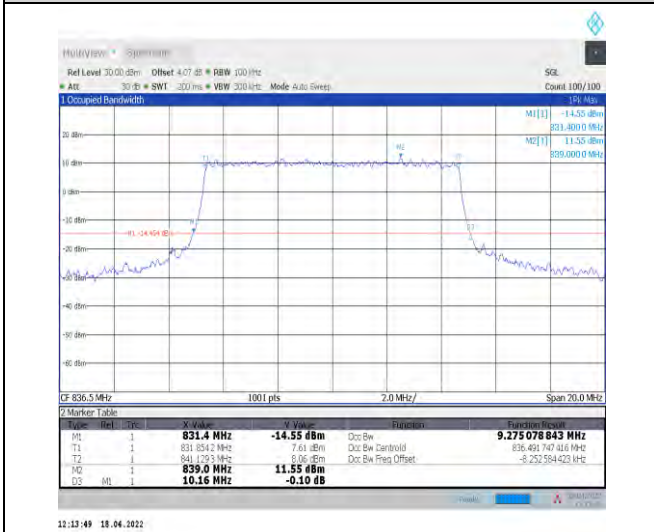
South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N5--15-10-M-5-DFT-256QAM-Outer_Full-50@0-A
nt1-8.933-9.680-≤10-PASS



1-N5--15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-9
.297-10.240-≤10-PASS



1-N5--15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1
-9.275-10.160-≤10-PASS



1-N5--15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1
-9.3-10.180-≤10-PASS

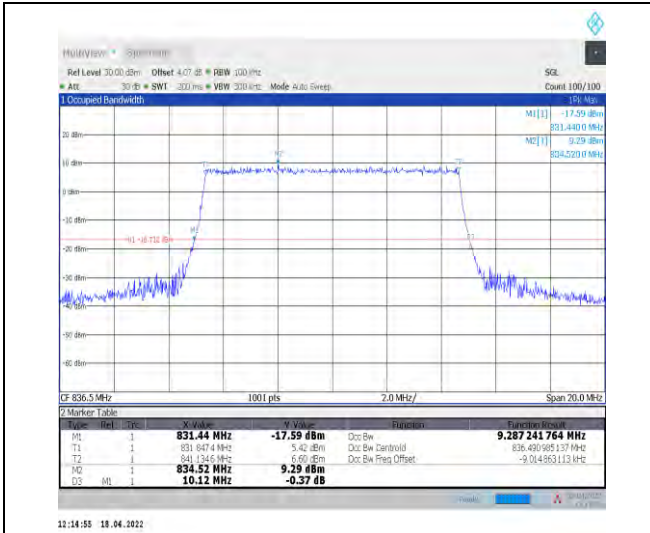


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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, Pulinsheng 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1号的6号厂房南座 邮编: 215000

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



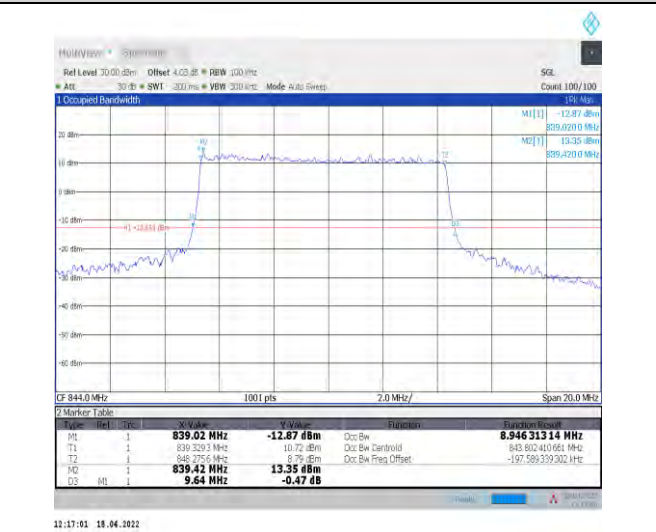
1-N5--15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant
1-9.287-10.120-≤10-PASS



1-N5--15-10-H-1-DFT-QPSK-Outer_Full-50@0-Ant1-
8.949-9.680-≤10-PASS



1-N5--15-10-H-2-DFT-PI2BPSK-Outer_Full-50@0-A
nt1-8.935-9.860-≤10-PASS



1-N5--15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant
1-8.946-9.640-≤10-PASS



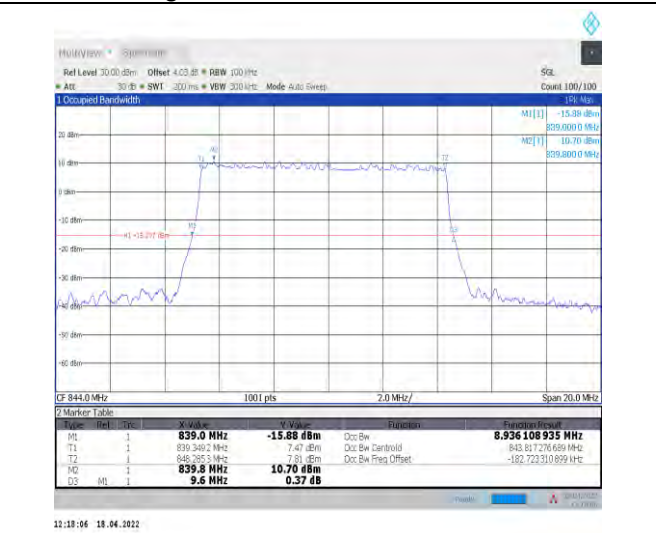
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

South of No. 6 Plant, No. 1, Pansheng 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胜路1号的6号厂房南座 邮编: 215000

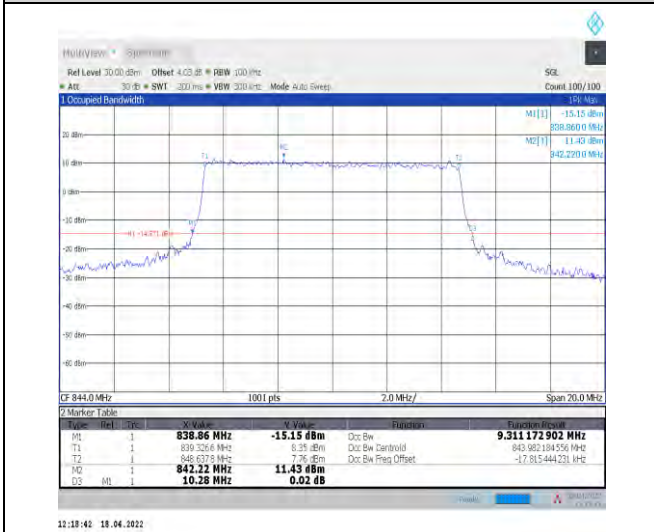
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com



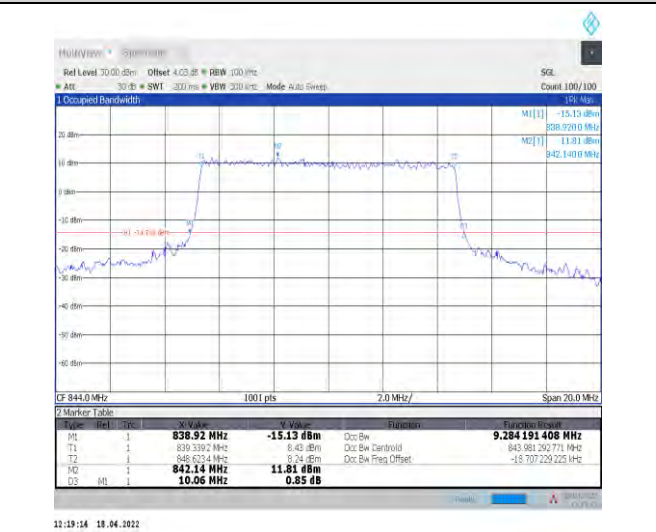
1-N5--15-10-H-4-DFT-64QAM-Outer_Full-50@0-Ant
1-8.932-9.720-≤10-PASS



1-N5--15-10-H-5-DFT-256QAM-Outer_Full-50@0-Ant
t1-8.936-9.600-≤10-PASS



1-N5--15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-9
.311-10.280-≤10-PASS



1-N5--15-10-H-7-CP-16QAM-Outer_Full-52@0-Ant1-9
9.284-10.060-≤10-PASS

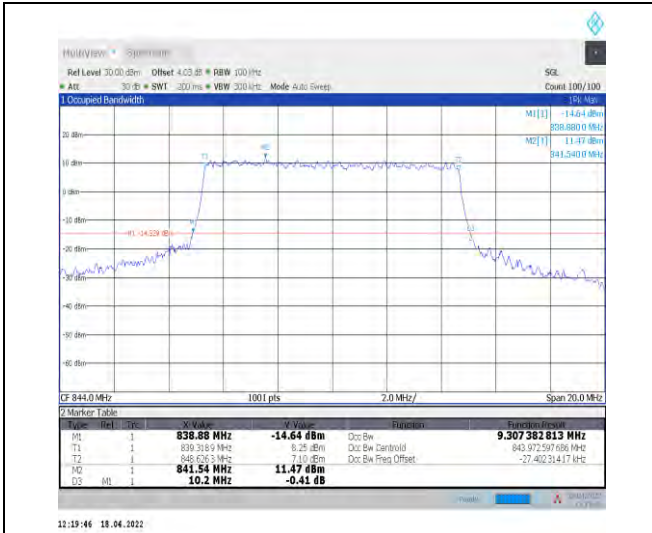


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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, Pansheng 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胜路1号的6号厂房南座 邮编: 215000

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



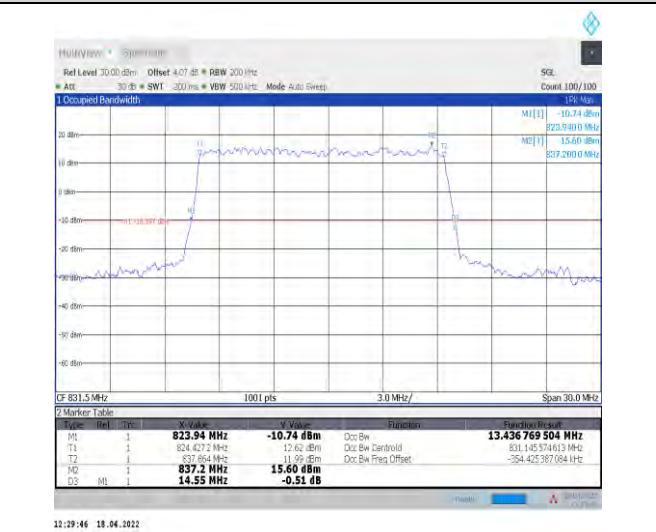
1-N5--15-10-H-8-CP-64QAM-Outer_Full-52@0-Ant1
-9.307-10.200≤10-PASS



1-N5--15-10-H-9-CP-256QAM-Outer_Full-52@0-Ant1
1-9.302-10.180≤10-PASS



1-N5--15-15-L-1-DFT-QPSK-Outer_Full-75@0-Ant1
13.496-14.430≤15-PASS



1-N5--15-15-L-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1
t1-13.437-14.550≤15-PASS



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

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

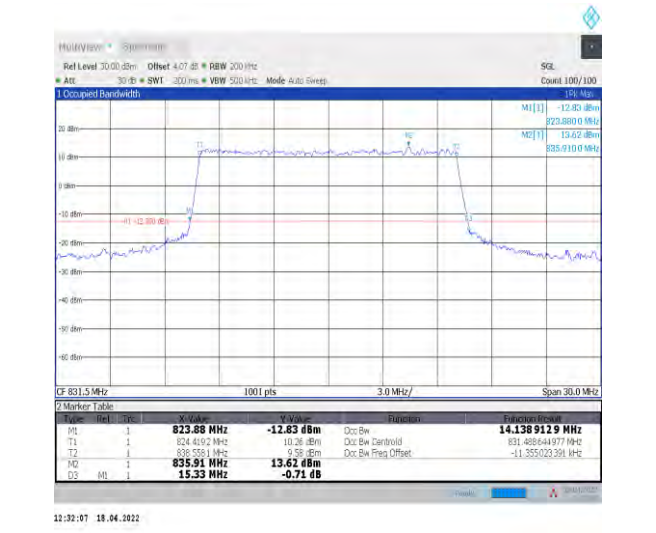
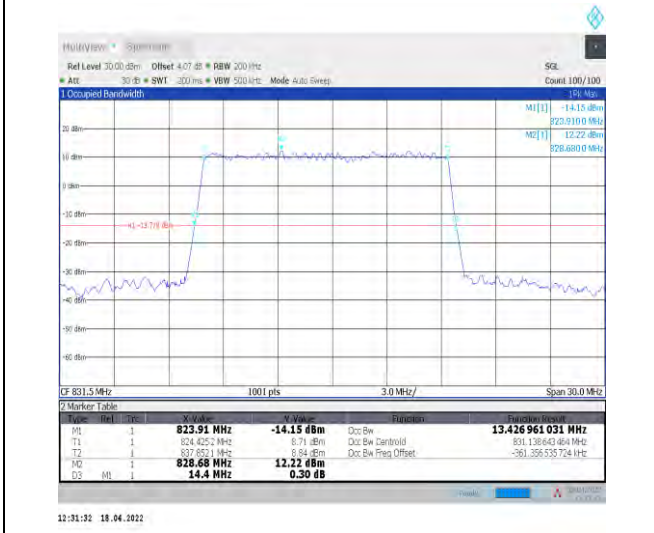
South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南座 邮编: 215000

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



1-N5--15-15-L-3-DFT-16QAM-Outer_Full-75@0-Ant
1-13.446-14.490-≤15-PASS

1-N5--15-15-L-4-DFT-64QAM-Outer_Full-75@0-Ant1
-13.434-14.550-≤15-PASS



1-N5--15-15-L-5-DFT-256QAM-Outer_Full-75@0-An
t1-13.427-14.400-≤15-PASS

1-N5--15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-1
4.139-15.330-≤15-PASS



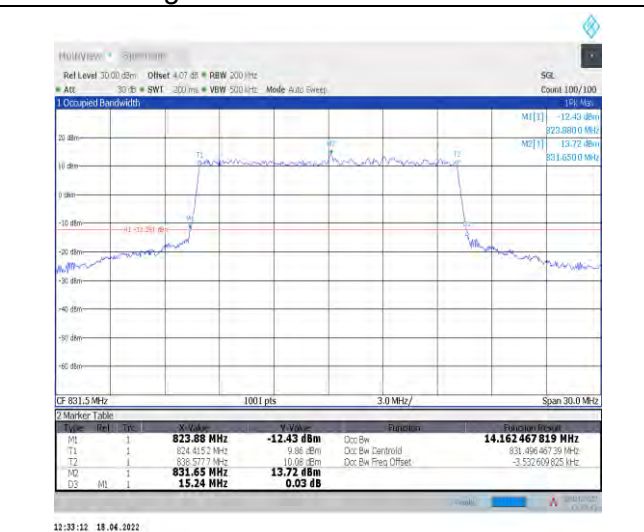
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

South of No. 6 Plant, No. 1, Pansheng 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海胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N5--15-15-L-7-CP-16QAM-Outer_Full-79@0-Ant1-14.128-15.150-≤15-PASS



1-N5--15-15-L-8-CP-64QAM-Outer_Full-79@0-Ant1-14.162-15.240-≤15-PASS



1-N5--15-15-L-9-CP-256QAM-Outer_Full-79@0-Ant1-14.15-15.240-≤15-PASS



1-N5--15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.487-14.460-≤15-PASS



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

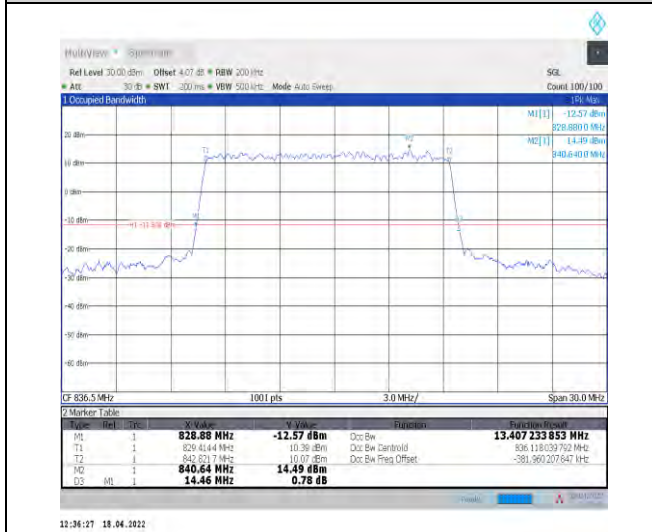
South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N5--15-15-M-2-DFT-PI2BPSK-Outer_Full-75@0-A
nt1-13.398-14.460-≤15-PASS



1-N5--15-15-M-3-DFT-16QAM-Outer_Full-75@0-Ant
1-13.444-14.520-≤15-PASS



1-N5--15-15-M-4-DFT-64QAM-Outer_Full-75@0-Ant
1-13.407-14.460-≤15-PASS



1-N5--15-15-M-5-DFT-256QAM-Outer_Full-75@0-Ant
t1-13.41-14.430-≤15-PASS



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

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

South of No. 6 Plant, No. 1, Pansheng 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海胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



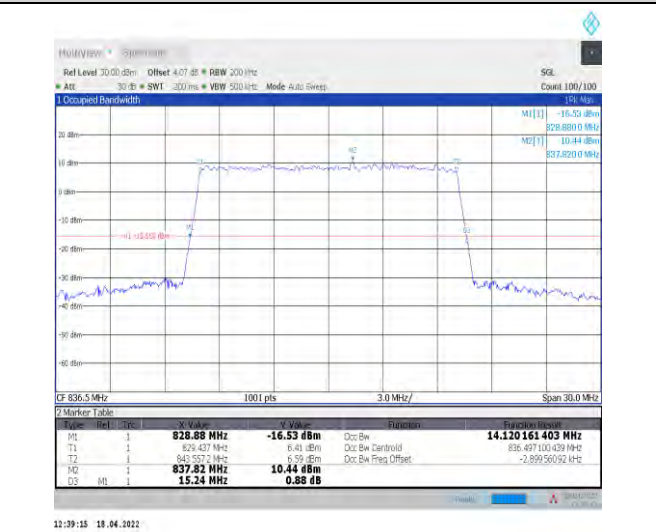
1-N5--15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant1-14.114-15.210-≤15-PASS



1-N5--15-15-M-7-CP-16QAM-Outer_Full-79@0-Ant1-14.092-15.090-≤15-PASS



1-N5--15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant1-14.13-15.210-≤15-PASS



1-N5--15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant1-14.12-15.240-≤15-PASS



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

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

South of No. 6 Plant, No. 1, Pansheng 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胜路1号的6号厂房南座 邮编: 215000

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



1-N5--15-15-H-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.482-14.430-≤15-PASS



1-N5--15-15-H-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.396-14.310-≤15-PASS



1-N5--15-15-H-3-DFT-16QAM-Outer_Full-75@0-Ant 1-13.424-14.430-≤15-PASS



1-N5--15-15-H-4-DFT-64QAM-Outer_Full-75@0-Ant 1-13.406-14.490-≤15-PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Pansheng 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海胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N5--15-15-H-5-DFT-256QAM-Outer_Full-75@0-An
t1-13.418-14.520-<=15-PASS



1-N5--15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-1
4.112-15.300-<=15-PASS



1-N5--15-15-H-7-CP-16QAM-Outer_Full-79@0-Ant1
-14.098-15.180-<=15-PASS



1-N5--15-15-H-8-CP-64QAM-Outer_Full-79@0-Ant1-1
14.129-15.120-<=15-PASS



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

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

South of No. 6 Plant, No. 1, Pansheng 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胜路1号的6号厂房南座 邮编: 215000

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



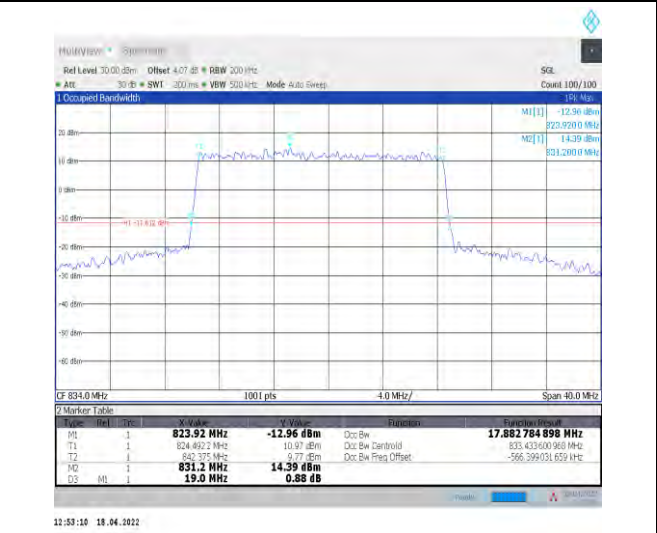
1-N5--15-15-H-9-CP-256QAM-Outer_Full-79@0-Ant
1-14.121-15.240-≤15-PASS



1-N5--15-20-L-1-DFT-QPSK-Outer_Full-100@0-Ant1
-17.826-18.880-≤20-PASS



1-N5--15-20-L-2-DFT-PI2BPSK-Outer_Full-100@0-A
nt1-17.854-18.880-≤20-PASS



1-N5--15-20-L-3-DFT-16QAM-Outer_Full-100@0-Ant
1-17.883-19.000-≤20-PASS

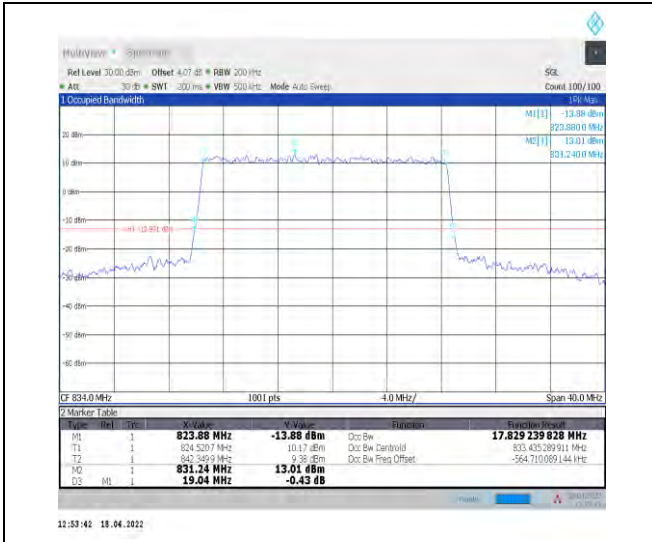


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

South of No. 6 Plant, No. 1, Pansheng 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胜路1号的6号厂房南座 邮编: 215000

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



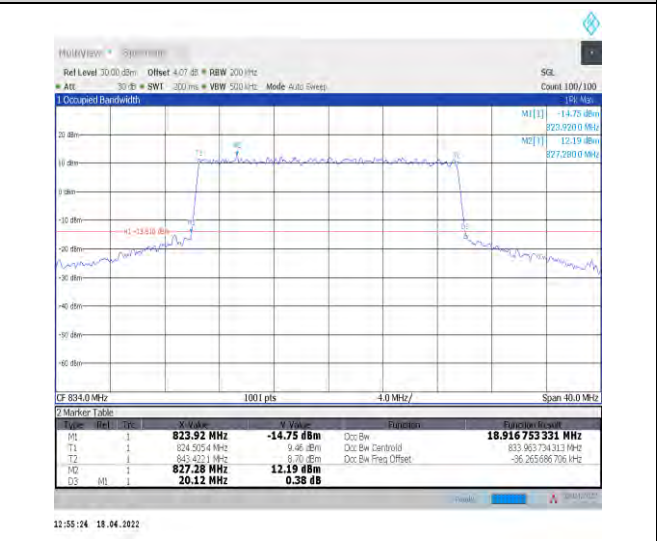
1-N5--15-20-L-4-DFT-64QAM-Outer_Full-100@0-An
t1-17.829-19.040-<=20-PASS



1-N5--15-20-L-5-DFT-256QAM-Outer_Full-100@0-A
nt1-17.865-19.040-<=20-PASS



1-N5--15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-
18.905-20.200-<=20-PASS



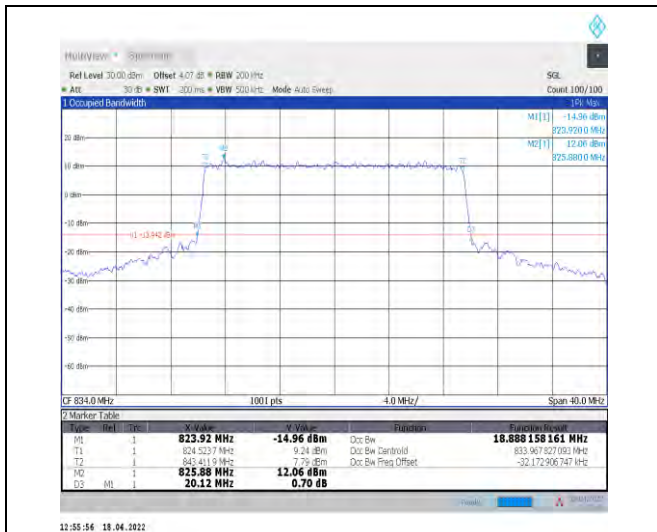
1-N5--15-20-L-7-CP-16QAM-Outer_Full-106@0-Ant1
-18.917-20.120-<=20-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained 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, Pansheng 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工业园区海胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N5--15-20-L-8-CP-64QAM-Outer_Full-106@0-Ant
 1-18.888-20.120-≤20-PASS

1-N5--15-20-L-9-CP-256QAM-Outer_Full-106@0-Ant
 1-18.869-20.000-≤20-PASS



1-N5--15-20-M-1-DFT-QPSK-Outer_Full-100@0-Ant
 1-17.801-18.880-≤20-PASS

1-N5--15-20-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant
 1-17.817-18.960-≤20-PASS

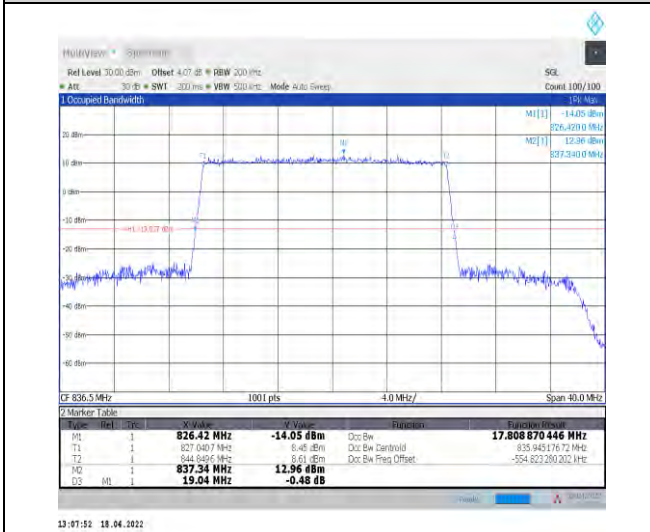




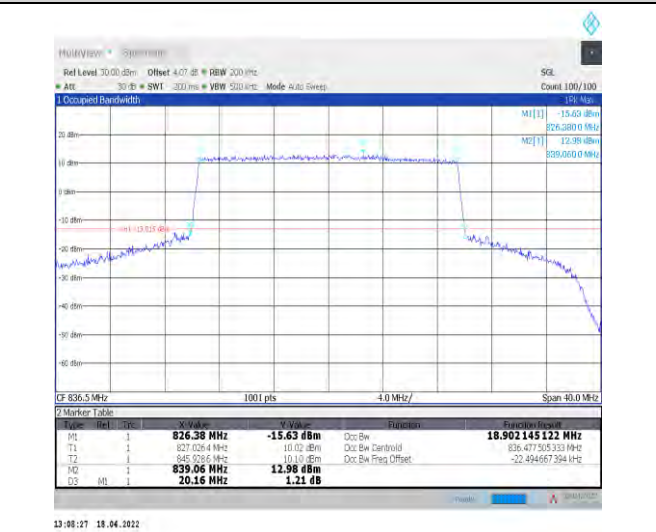
1-N5--15-20-M-3-DFT-16QAM-Outer_Full-100@0-A
nt1-17.843-19.000-≤20-PASS



1-N5--15-20-M-4-DFT-64QAM-Outer_Full-100@0-An
t1-17.83-18.960-≤20-PASS



1-N5--15-20-M-5-DFT-256QAM-Outer_Full-100@0-Ant1
Ant1-17.809-19.040-≤20-PASS



1-N5--15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant1
18.902-19.160-≤20-PASS

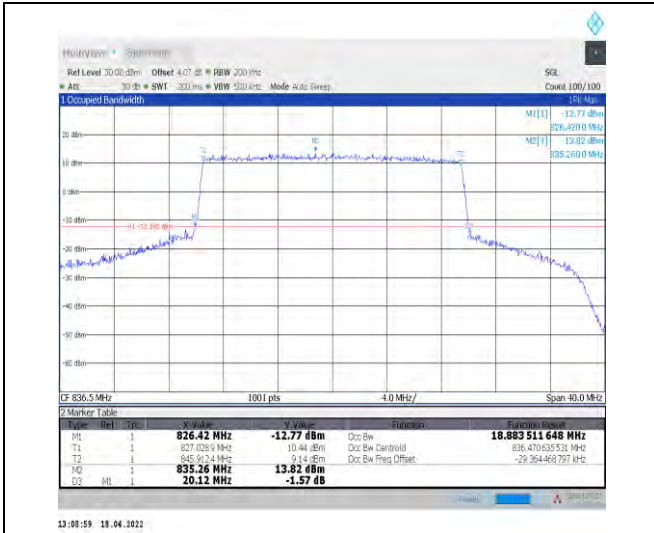


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

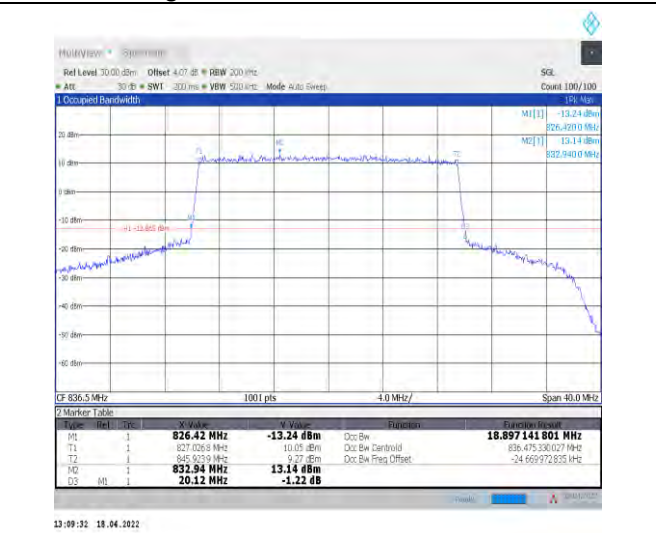
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) P/R 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胜路1号的6号厂房南座 邮编: 215000

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



1-N5--15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant
1-18.884-20.120-≤20-PASS



1-N5--15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant
1-18.897-20.120-≤20-PASS



1-N5--15-20-M-9-CP-256QAM-Outer_Full-106@0-Ant
nt1-18.887-20.080-≤20-PASS



1-N5--15-20-H-1-DFT-QPSK-Outer_Full-100@0-Ant
1-17.81-18.920-≤20-PASS



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

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

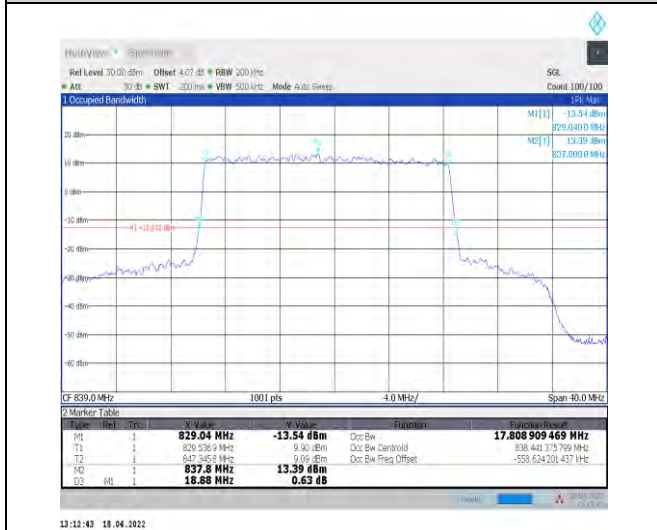
South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南座 邮编: 215000

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



1-N5--15-20-H-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.821-18.920-<=20-PASS

1-N5--15-20-H-3-DFT-16QAM-Outer_Full-100@0-An t1-17.845-18.960-<=20-PASS



1-N5--15-20-H-4-DFT-64QAM-Outer_Full-100@0-An t1-17.809-18.880-<=20-PASS

1-N5--15-20-H-5-DFT-256QAM-Outer_Full-100@0-A nt1-17.847-18.960-<=20-PASS





1-N5--15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-18.894-20.080-<=20-PASS



1-N5--15-20-H-7-CP-16QAM-Outer_Full-106@0-Ant1-18.889-19.960-<=20-PASS



1-N5--15-20-H-8-CP-64QAM-Outer_Full-106@0-Ant1-18.877-20.080-<=20-PASS



1-N5--15-20-H-9-CP-256QAM-Outer_Full-106@0-Ant1-18.856-20.000-<=20-PASS



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

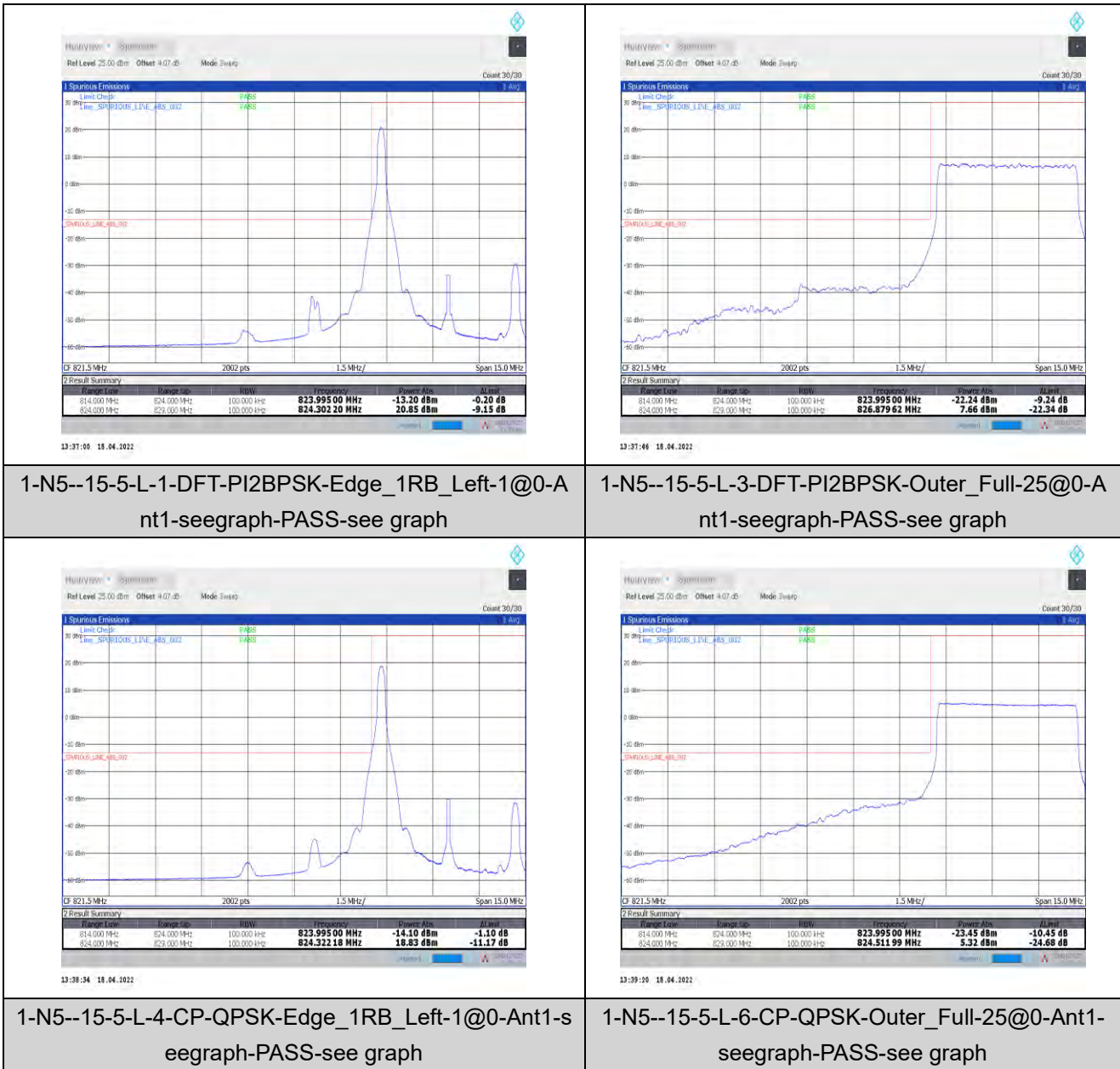
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Pansheng 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胜路1号的6号厂房南座 邮编: 215000

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

Band Edge for SA

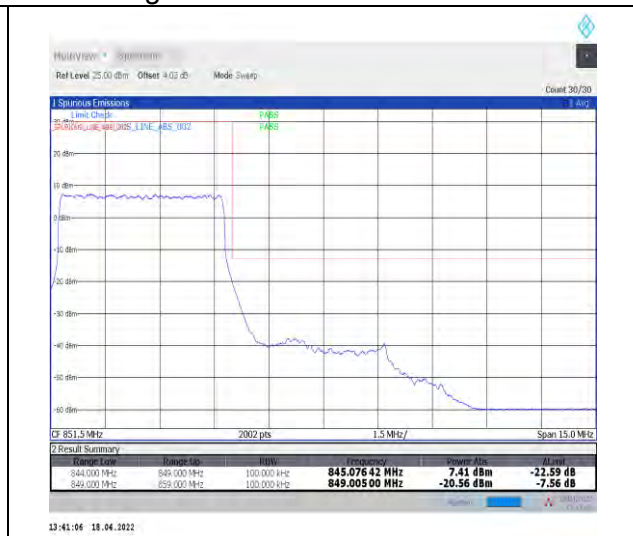
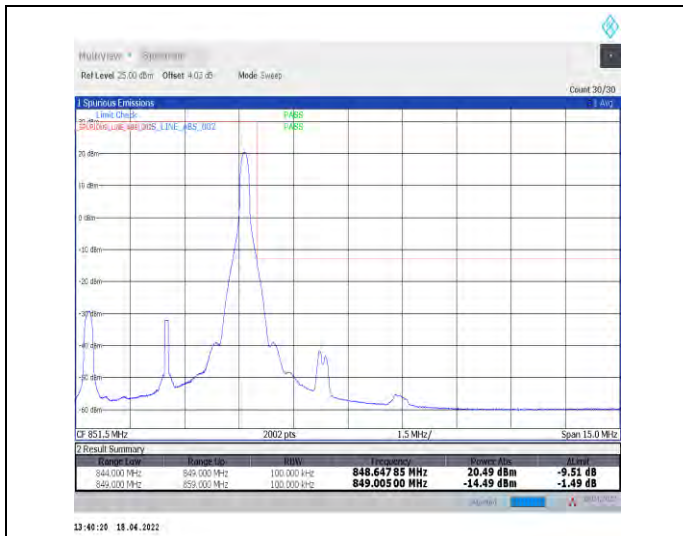
Test Graphs



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <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.

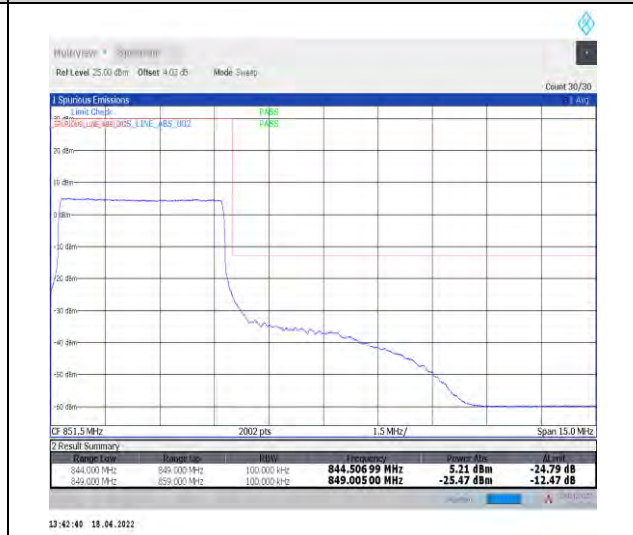
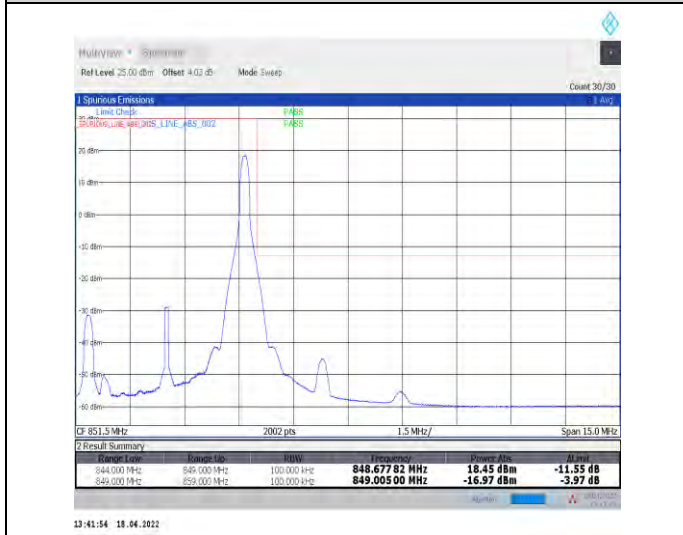
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Pansheng 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海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N5--15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@2
 4-Ant1-seegraph-PASS-see graph

1-N5--15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0-A
 nt1-seegraph-PASS-see graph

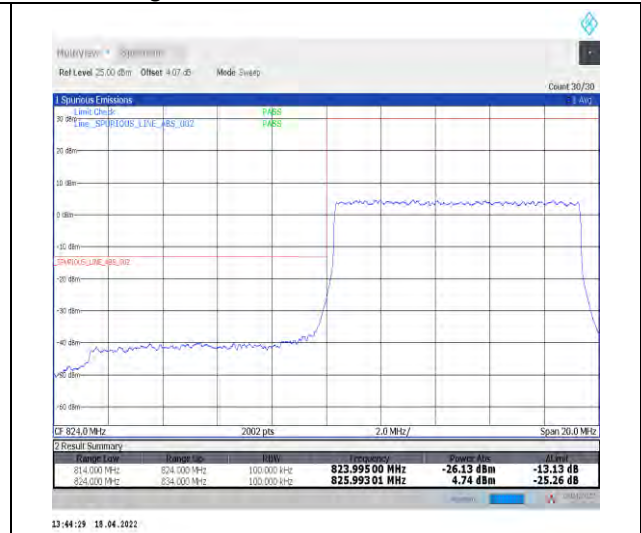
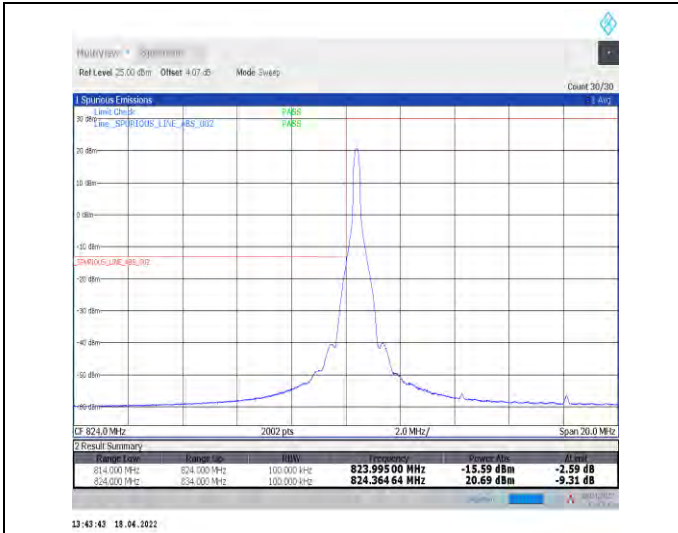


1-N5--15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant
 1-seegraph-PASS-see graph

1-N5--15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-
 seegraph-PASS-see graph

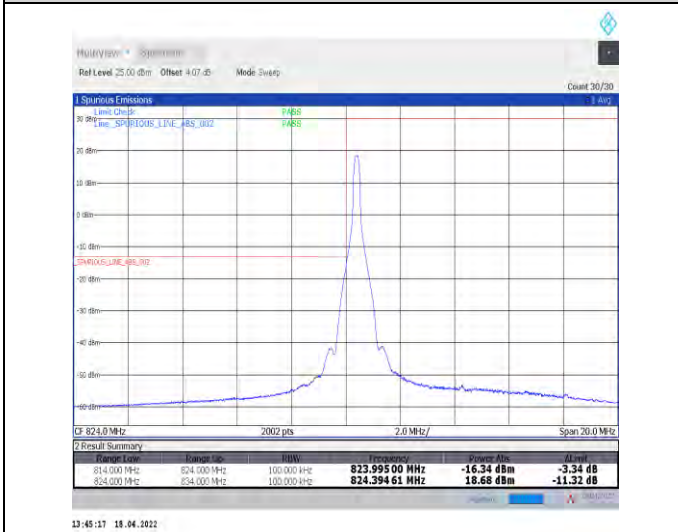


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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, Pansheng 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海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N5--15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-seegraph-PASS-see graph

1-N5--15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-seegraph-PASS-see graph



1-N5--15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-seegraph-PASS-see graph

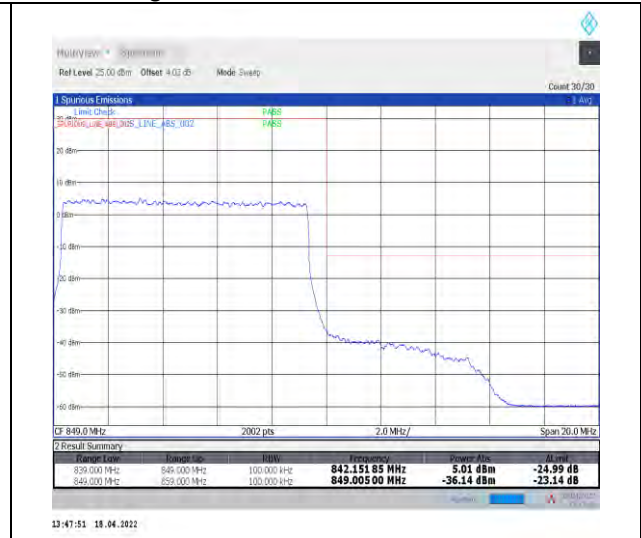
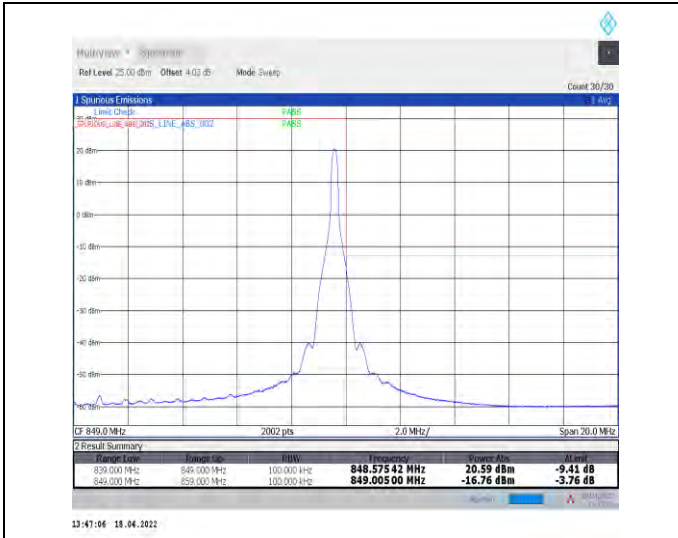
1-N5--15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-seegraph-PASS-see graph



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.

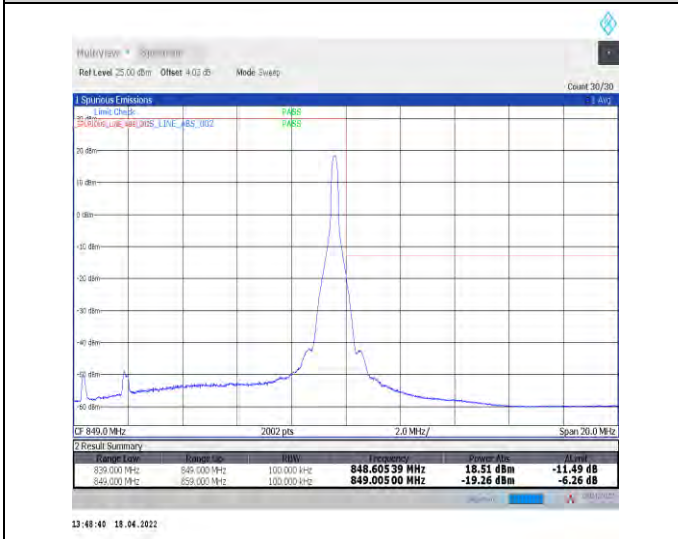
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Pansheng 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海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N5--15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@51-Ant1-seegraph-PASS-see graph

1-N5--15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-seegraph-PASS-see graph



1-N5--15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant1-seegraph-PASS-see graph

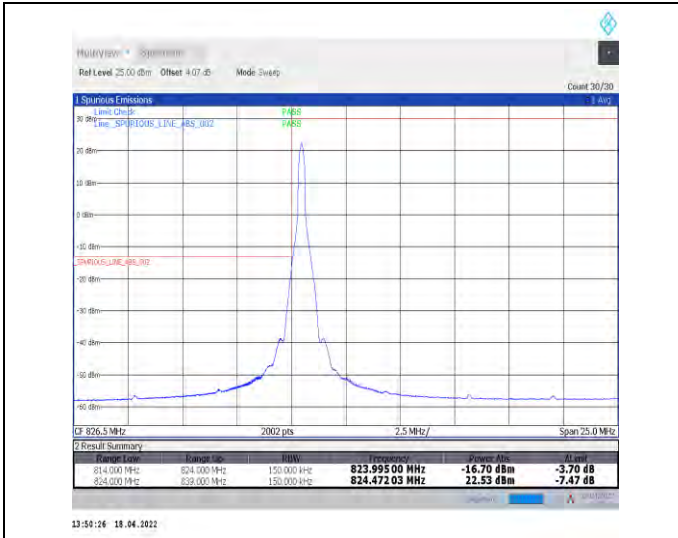
1-N5--15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-seegraph-PASS-see graph



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.

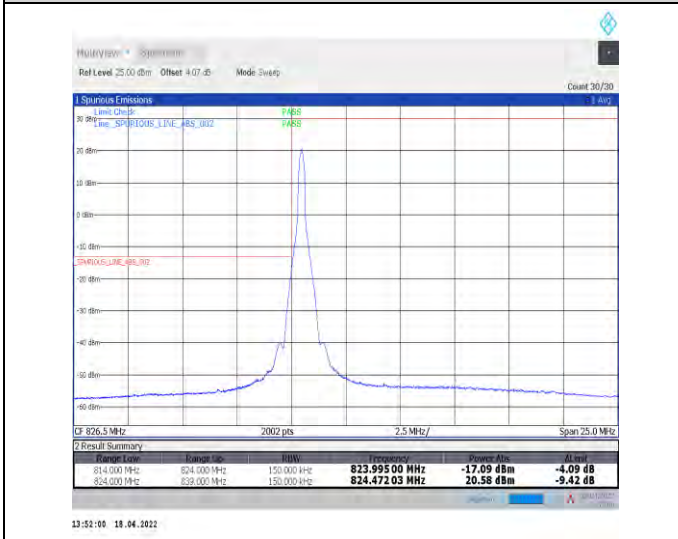
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Pansheng 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海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N5--15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-seegraph-PASS-see graph

1-N5--15-15-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-seegraph-PASS-see graph



1-N5--15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-seegraph-PASS-see graph

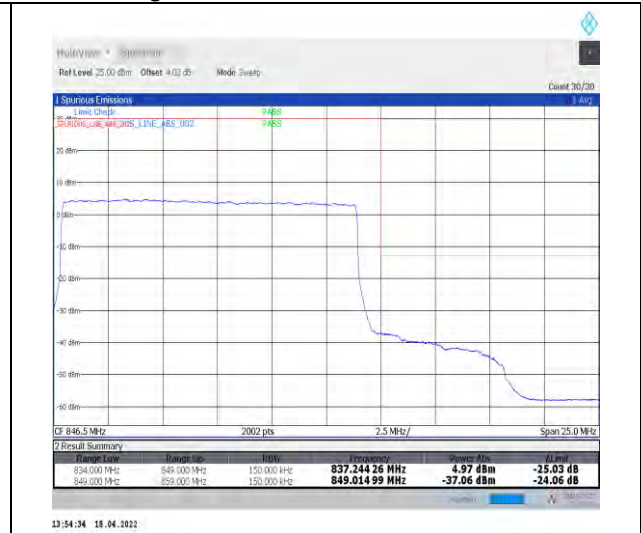
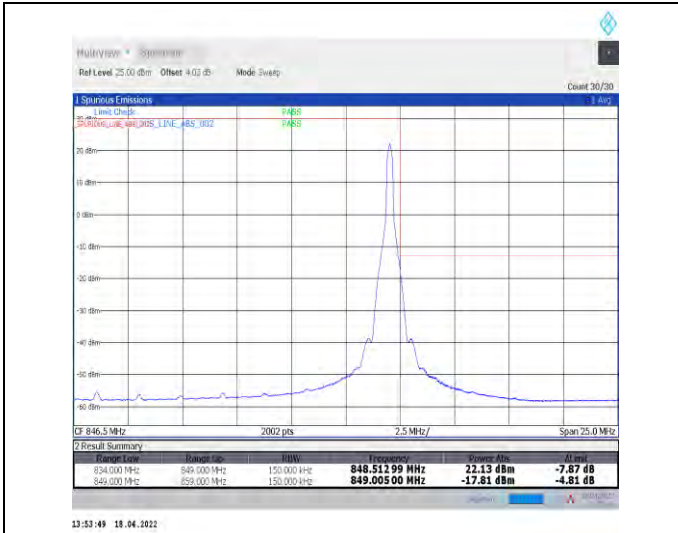
1-N5--15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-seegraph-PASS-see graph



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.

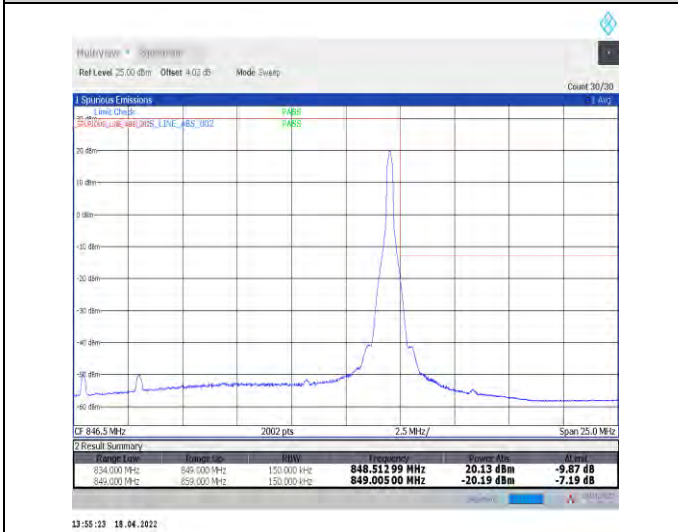
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Pansheng 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海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N5--15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@78-Ant1-seegraph-PASS-see graph

1-N5--15-15-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-seegraph-PASS-see graph



1-N5--15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant1-seegraph-PASS-see graph

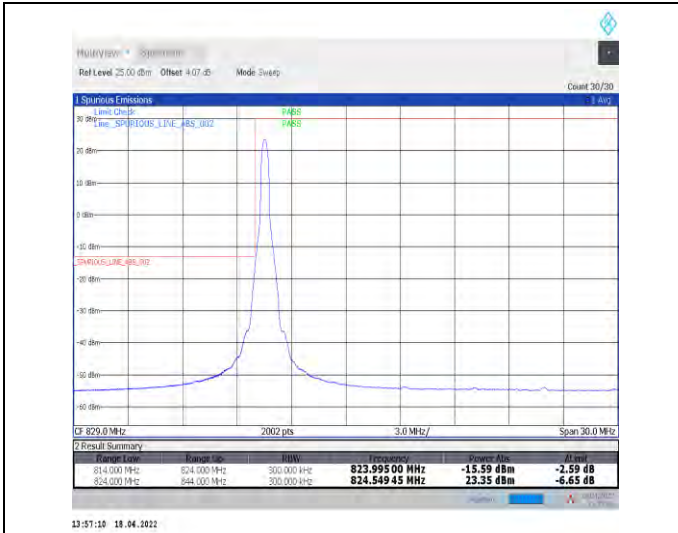
1-N5--15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-seegraph-PASS-see graph



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

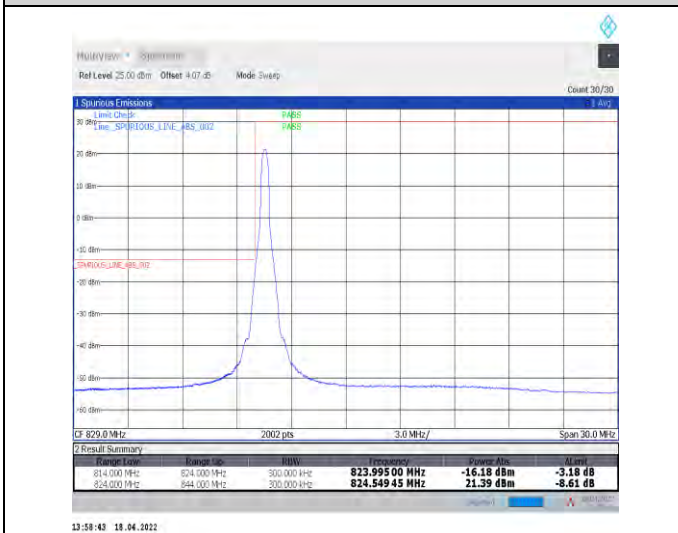
South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



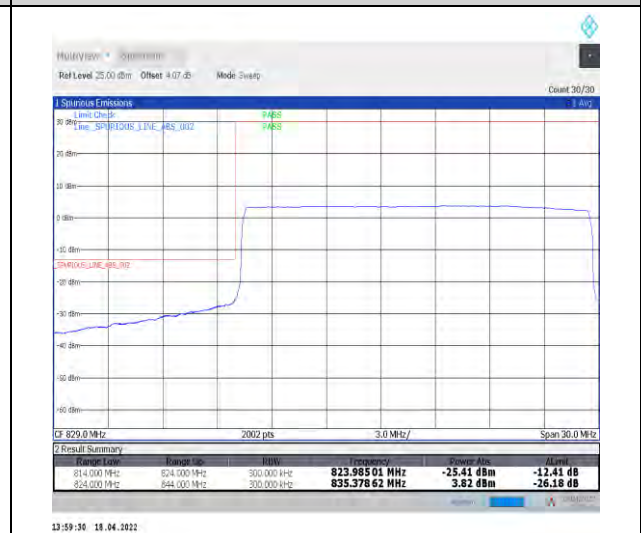
1-N5--15-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-seegraph-PASS-see graph



1-N5--15-20-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-seegraph-PASS-see graph



1-N5--15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-seegraph-PASS-see graph



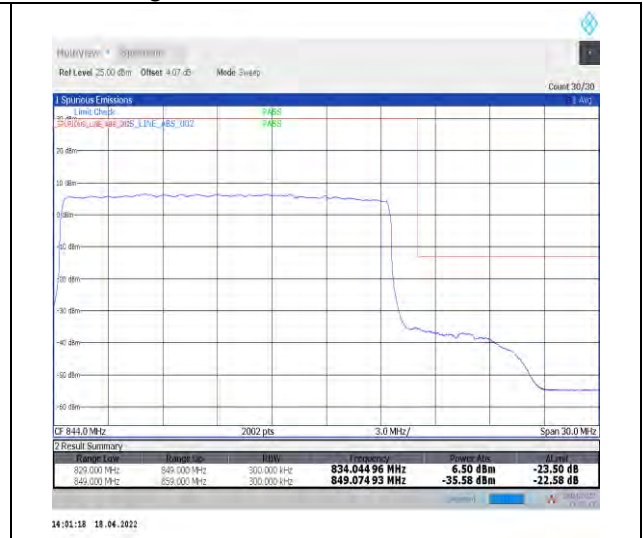
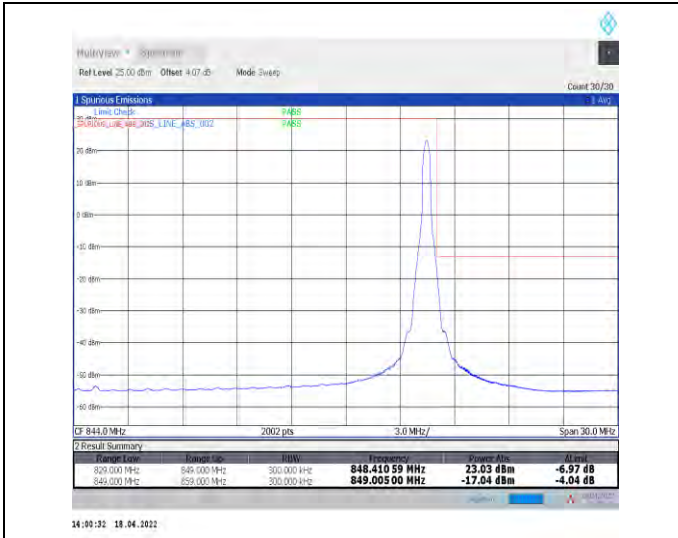
1-N5--15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-seegraph-PASS-see graph



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.

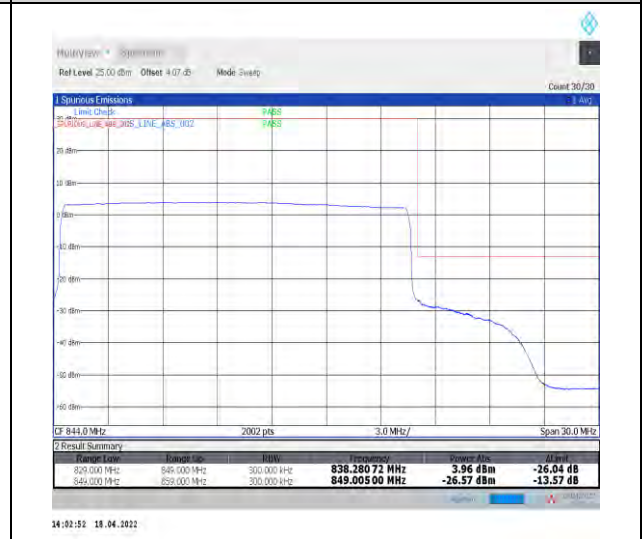
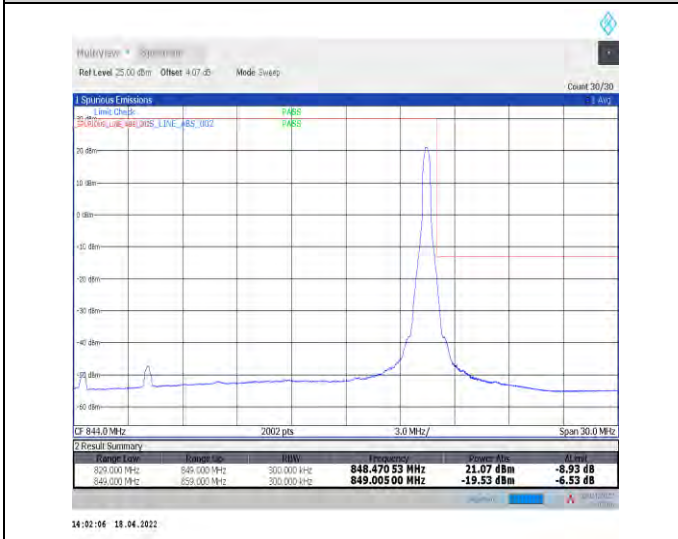
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Pansheng 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海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N5--15-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant1-seegraph-PASS-see graph

1-N5--15-20-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-seegraph-PASS-see graph



1-N5--15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-seegraph-PASS-see graph

1-N5--15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-seegraph-PASS-see graph



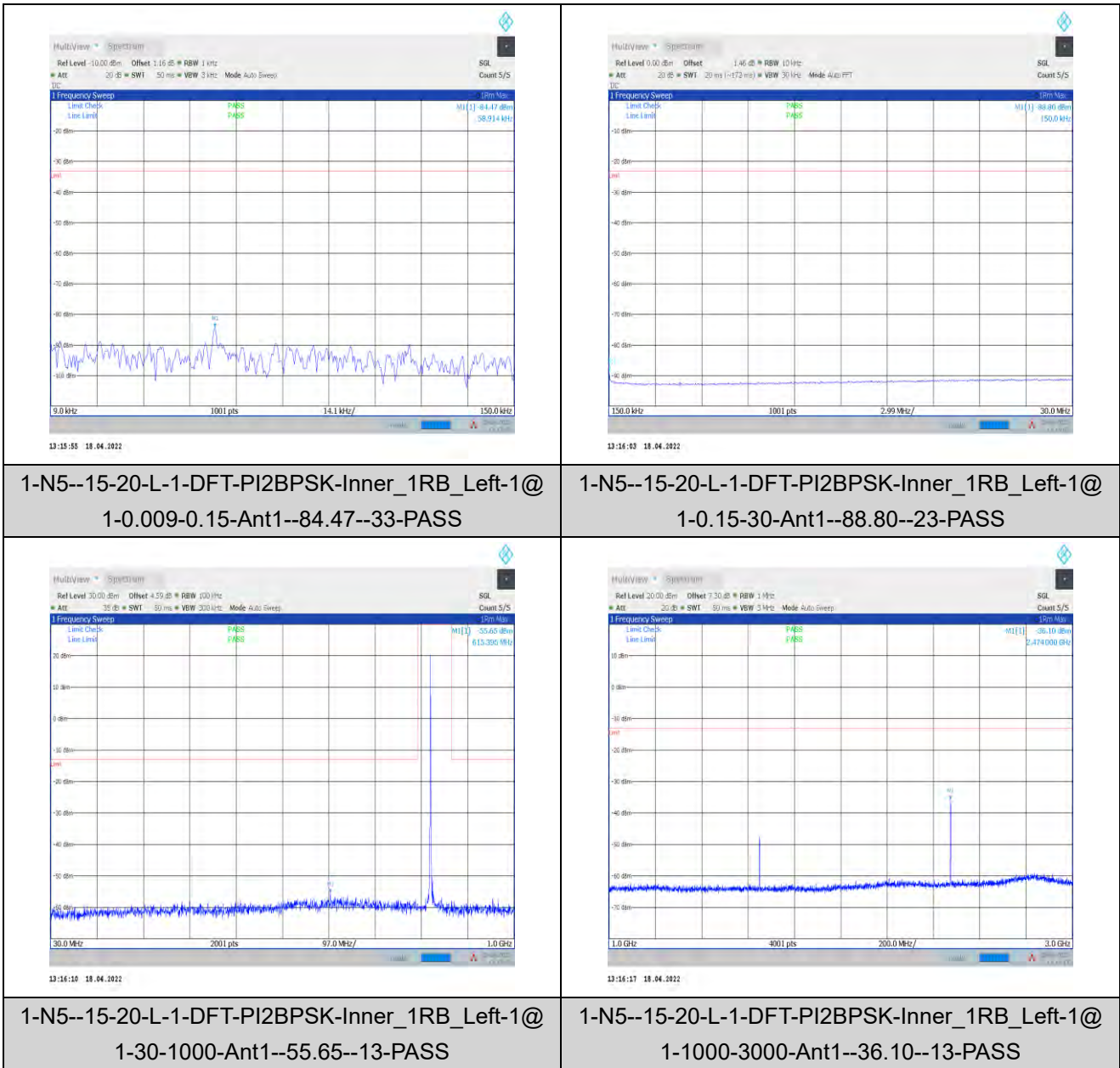
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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, Pansheng 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海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Conducted Spurious Emission for SA

Test Graphs

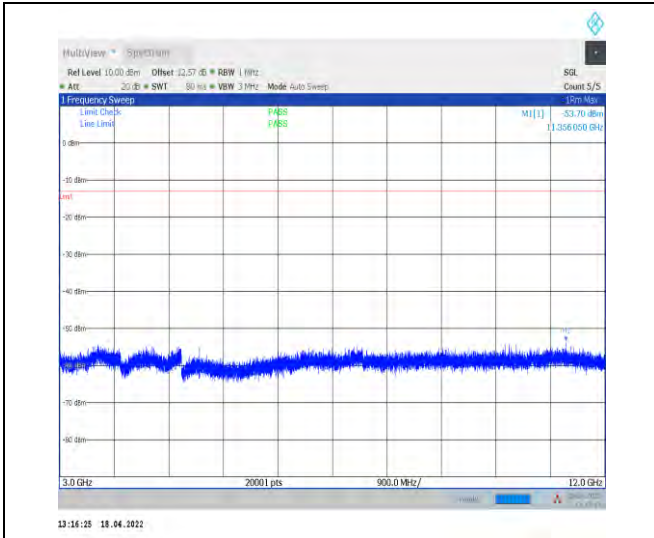


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

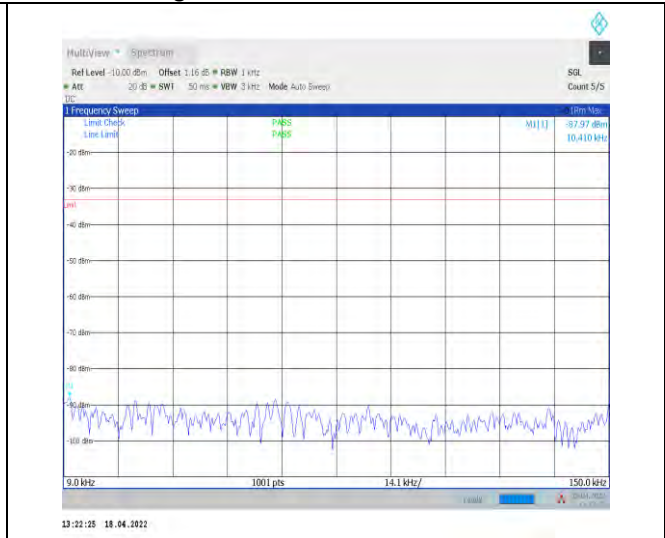
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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号厂房南座 邮编: 215000

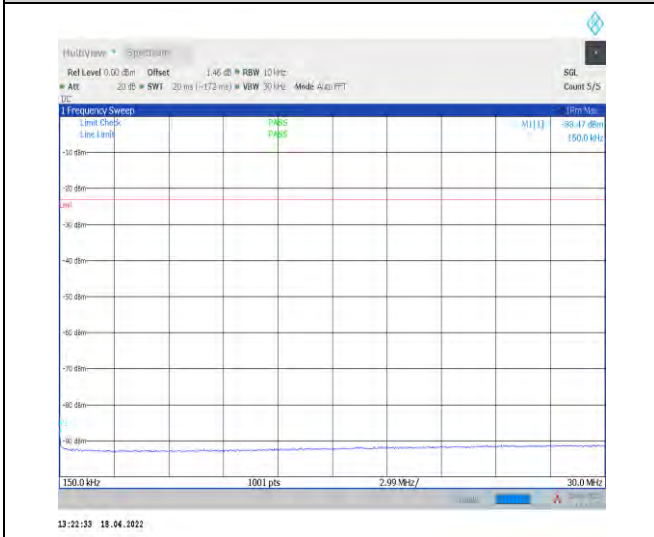
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com



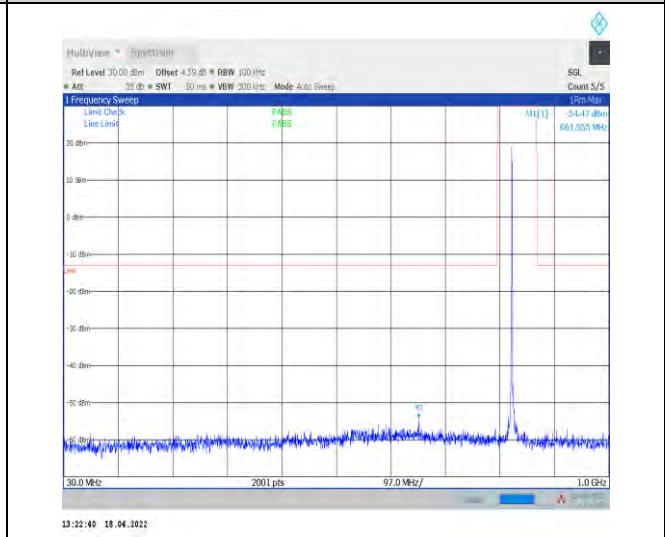
1-N5--15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-3000-12000-Ant1--53.70--13-PASS



1-N5--15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-0.009-0.15-Ant1--87.97--33-PASS



1-N5--15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-0.15-30-Ant1--88.47--23-PASS



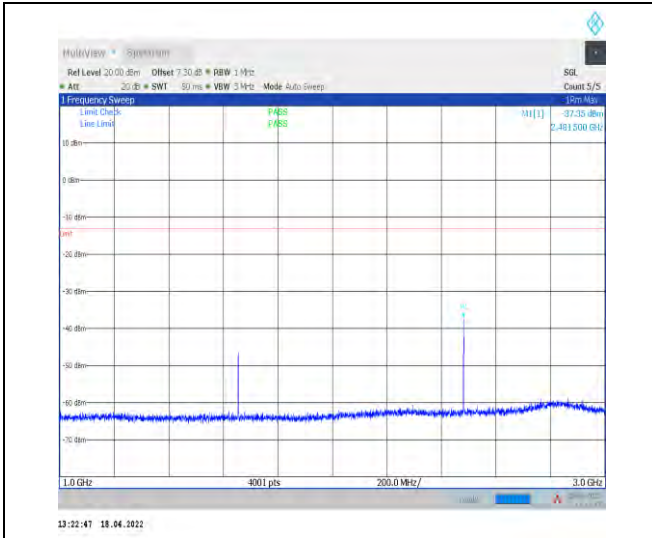
1-N5--15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-30-1000-Ant1--54.47--13-PASS



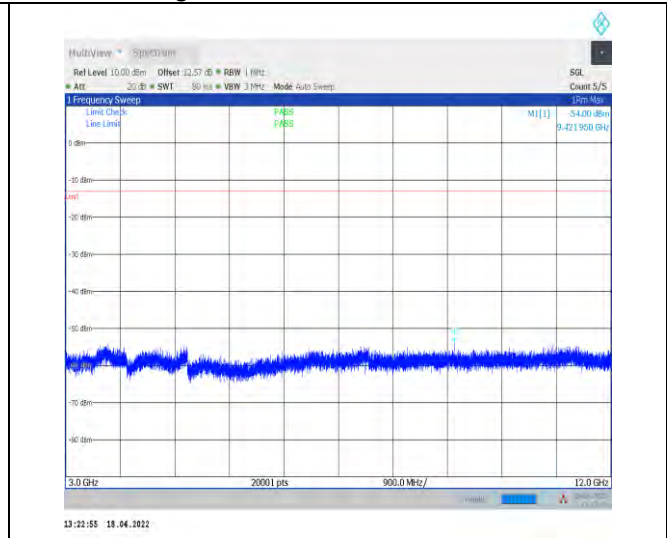
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

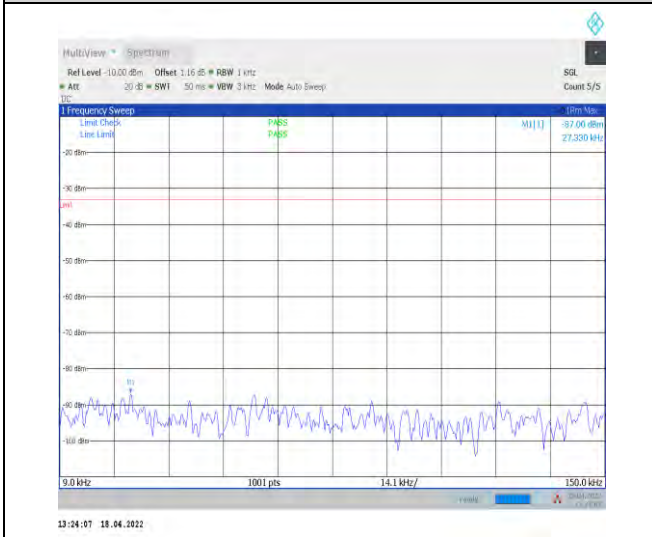
South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



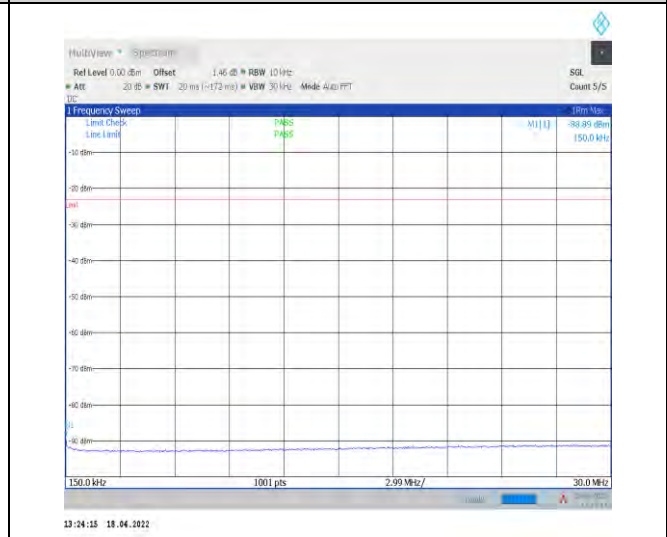
1-N5--15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-1000-3000-Ant1--37.35--13-PASS



1-N5--15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-3000-12000-Ant1--54.00--13-PASS



1-N5--15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-0.009-0.15-Ant1--87.00--33-PASS



1-N5--15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-0.15-30-Ant1--88.89--23-PASS

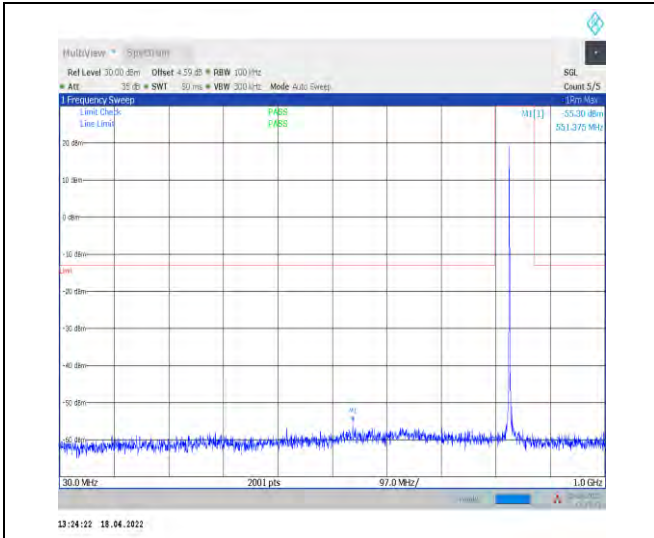


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

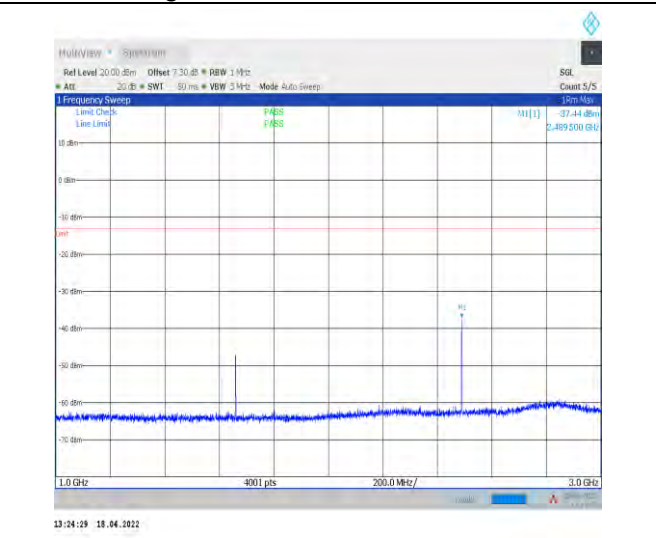
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Pansheng 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

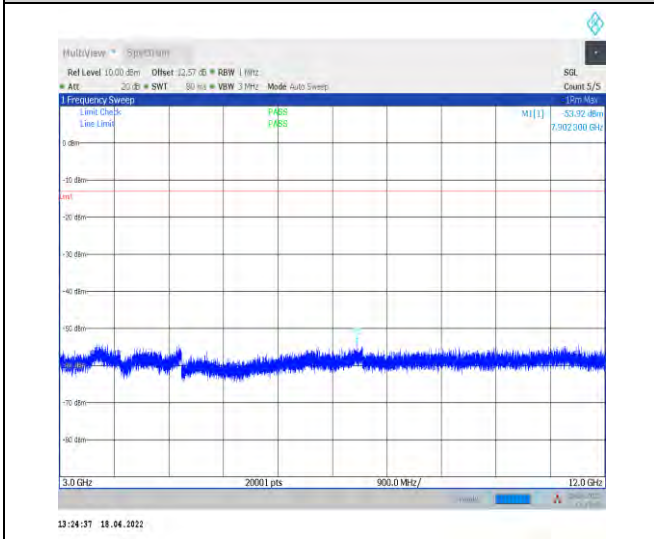
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com



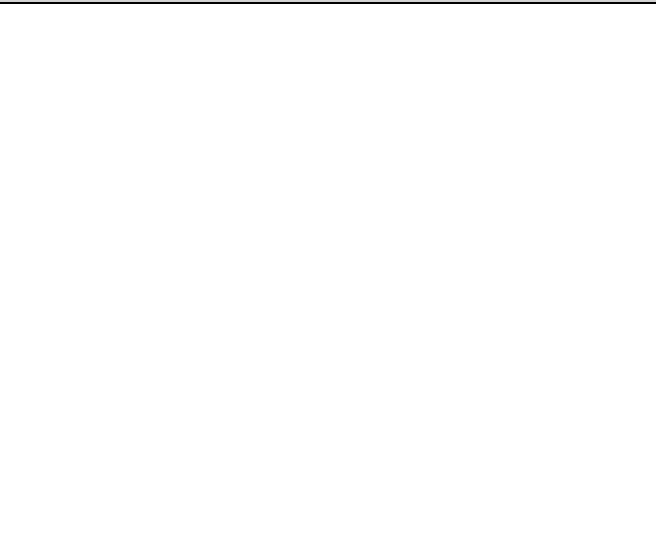
1-N5--15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-30-1000-Ant1--55.30--13-PASS



1-N5--15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-1000-3000-Ant1--37.44--13-PASS



1-N5--15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-3000-12000-Ant1--53.92--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 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海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Field Strength of Spurious Radiation

Test Band = SA Band 5_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650	74.19	-118.07	-43.88	-13.00	30.88	263	211	Horizontal
2	2474	85.88	-114.37	-28.49	-13.00	15.49	251	115	Horizontal
3	3300.36	51.91	-111.89	-59.98	-13.00	46.98	174	115	Horizontal
4	4125.45	49.12	-109.79	-60.67	-13.00	47.67	265	200	Horizontal
5	4950.54	51.88	-107.85	-55.97	-13.00	42.97	254	357	Horizontal
6	5775.63	50.85	-105.30	-54.45	-13.00	41.45	177	211	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	53.98	-118.06	-64.08	-13.00	51.08	263	343	Vertical
2	2475.27	52.10	-114.35	-62.25	-13.00	49.25	254	360	Vertical
3	3300.36	51.16	-111.89	-60.73	-13.00	47.73	174	360	Vertical
4	4125.45	50.25	-109.79	-59.54	-13.00	46.54	185	92	Vertical
5	4950.54	51.00	-107.85	-56.85	-13.00	43.85	264	360	Vertical
6	5775.63	50.10	-105.30	-55.20	-13.00	42.20	111	124	Vertical



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

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

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

Test Band = SA Band 5_ TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1654	69.13	-118.06	-48.93	-13.00	35.93	263	66	Horizontal
2	2482	87.58	-114.29	-26.71	-13.00	13.71	254	139	Horizontal
3	3310.36	52.44	-111.92	-59.48	-13.00	46.48	175	288	Horizontal
4	4137.95	49.67	-109.74	-60.07	-13.00	47.07	263	213	Horizontal
5	4965.54	51.39	-107.80	-56.41	-13.00	43.41	254	340	Horizontal
6	5793.13	51.34	-105.23	-53.89	-13.00	40.89	177	204	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	54.00	-118.05	-64.05	-13.00	51.05	142	84	Vertical
2	2460	59.80	-114.52	-54.72	-13.00	41.72	265	84	Vertical
3	3310.36	53.15	-111.92	-58.77	-13.00	45.77	284	190	Vertical
4	4137.95	50.45	-109.74	-59.29	-13.00	46.29	176	360	Vertical
5	4965.54	51.12	-107.80	-56.68	-13.00	43.68	263	318	Vertical
6	5793.13	52.01	-105.23	-53.22	-13.00	40.22	322	360	Vertical



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

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

South of No. 6 Plant, No. 1, Pansheng 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

Test Band = SA Band 5_ TM1
 Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660	65.76	-118.04	-52.28	-13.00	39.28	262	160	Horizontal
2	2488	82.59	-114.23	-31.64	-13.00	18.64	251	234	Horizontal
3	3320.36	52.19	-111.94	-59.75	-13.00	46.75	174	96	Horizontal
4	4150.45	50.16	-109.67	-59.51	-13.00	46.51	186	251	Horizontal
5	4980.54	51.16	-107.74	-56.58	-13.00	43.58	264	356	Horizontal
6	5810.63	51.93	-105.13	-53.20	-13.00	40.20	188	212	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	54.19	-118.04	-63.85	-13.00	50.85	241	179	Vertical
2	2490.27	52.25	-114.18	-61.93	-13.00	48.93	175	114	Vertical
3	3320.36	50.96	-111.94	-60.98	-13.00	47.98	262	114	Vertical
4	4150.45	49.13	-109.67	-60.54	-13.00	47.54	251	359	Vertical
5	4980.54	51.28	-107.74	-56.46	-13.00	43.46	144	179	Vertical
6	5810.63	51.77	-105.13	-53.36	-13.00	40.36	186	345	Vertical



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

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海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWA2204000008RG02

Rev.: 01

Page: 59 of 61



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

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
(Wireless Laboratory)

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
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

Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	0.700000	0.000837	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-2.000000	-0.002391	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	4.500000	0.005380	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VH	NT	2.400000	0.002869	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VN	NT	2.600000	0.003108	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VL	NT	39.000000	0.046623	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, Pansheng 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

Frequency Error VS. Temperature

Voltage										
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	3.400000	0.004065	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	3.800000	0.004543	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	5.900000	0.007053	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	2.200000	0.002630	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	4.200000	0.005021	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-1.300000	-0.001554	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	6.900000	0.008249	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	7.800000	0.009325	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	2.700000	0.003228	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-30	11.600000	0.013867	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-20	5.500000	0.006575	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-10	12.400000	0.014824	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	0	6.700000	0.008010	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	10	6.200000	0.007412	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	20	9.200000	0.010998	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	30	2.300000	0.002750	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	40	9.900000	0.011835	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	50	2.200000	0.002630	PASS

The End



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, Pansheng 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