

Report No.: SEWM2309000386RG02

Rev.: 01

Page: 1 of 41

Appendix B.16

NR Band n38



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

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

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

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

ANT5

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N38	30	10	DFT-QPSK	L	Inner_1RB_Left	24.58	22.98	33.00	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Left	24.37	22.77	33.00	PASS
N38	30	10	DFT-QPSK	M	Inner_1RB_Left	24.52	22.92	33.00	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Left	24.37	22.77	33.00	PASS
N38	30	10	DFT-QPSK	H	Inner_1RB_Left	24.64	23.04	33.00	PASS
N38	30	10	DFT-16QAM	H	Inner_1RB_Left	24.55	22.95	33.00	PASS
N38	30	15	DFT-QPSK	L	Inner_1RB_Left	24.74	23.14	33.00	PASS
N38	30	15	DFT-16QAM	L	Inner_1RB_Left	24.52	22.92	33.00	PASS
N38	30	15	DFT-QPSK	M	Inner_1RB_Left	24.68	23.08	33.00	PASS
N38	30	15	DFT-16QAM	M	Inner_1RB_Left	24.45	22.85	33.00	PASS
N38	30	15	DFT-QPSK	H	Inner_1RB_Left	24.78	23.18	33.00	PASS
N38	30	15	DFT-16QAM	H	Inner_1RB_Left	24.53	22.93	33.00	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Left	24.73	23.13	33.00	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Left	24.41	22.81	33.00	PASS
N38	30	20	DFT-QPSK	M	Inner_1RB_Left	24.66	23.06	33.00	PASS
N38	30	20	DFT-16QAM	M	Inner_1RB_Left	24.38	22.78	33.00	PASS
N38	30	20	DFT-QPSK	H	Inner_1RB_Left	24.77	23.17	33.00	PASS
N38	30	20	DFT-16QAM	H	Inner_1RB_Left	24.58	22.98	33.00	PASS
N38	30	30	DFT-QPSK	L	Inner_1RB_Left	24.76	23.16	33.00	PASS
N38	30	30	DFT-16QAM	L	Inner_1RB_Left	24.57	22.97	33.00	PASS
N38	30	30	DFT-QPSK	M	Inner_1RB_Left	24.74	23.14	33.00	PASS
N38	30	30	DFT-16QAM	M	Inner_1RB_Left	24.31	22.71	33.00	PASS
N38	30	30	DFT-QPSK	H	Inner_1RB_Left	24.73	23.13	33.00	PASS
N38	30	30	DFT-16QAM	H	Inner_1RB_Left	24.52	22.92	33.00	PASS
N38	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	24.74	23.14	33.00	PASS
N38	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	24.9	23.3	33.00	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	24.79	23.19	33.00	PASS
N38	30	40	DFT-QPSK	L	Inner_1RB_Left	24.75	23.15	33.00	PASS
N38	30	40	DFT-QPSK	L	Inner_1RB_Right	24.88	23.28	33.00	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	24.49	22.89	33.00	PASS
N38	30	40	DFT-16QAM	L	Inner_1RB_Left	24.51	22.91	33.00	PASS



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



Report No.: SEWM2309000386RG02

Rev.: 01

Page: 3 of 41

N38	30	40	DFT-16QAM	L	Inner_1RB_Right	24.69	23.09	33.00	PASS
N38	30	40	DFT-16QAM	L	Outer_Full	23.44	21.84	33.00	PASS
N38	30	40	DFT-64QAM	L	Inner_1RB_Left	22.89	21.29	33.00	PASS
N38	30	40	DFT-64QAM	L	Inner_1RB_Right	23.14	21.54	33.00	PASS
N38	30	40	DFT-64QAM	L	Outer_Full	22.97	21.37	33.00	PASS
N38	30	40	DFT-256QAM	L	Inner_1RB_Left	20.8	19.2	33.00	PASS
N38	30	40	DFT-256QAM	L	Inner_1RB_Right	20.92	19.32	33.00	PASS
N38	30	40	DFT-256QAM	L	Outer_Full	20.95	19.35	33.00	PASS
N38	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	24.71	23.11	33.00	PASS
N38	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	24.86	23.26	33.00	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	24.74	23.14	33.00	PASS
N38	30	40	DFT-QPSK	M	Inner_1RB_Left	24.73	23.13	33.00	PASS
N38	30	40	DFT-QPSK	M	Inner_1RB_Right	24.87	23.27	33.00	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	24.49	22.89	33.00	PASS
N38	30	40	DFT-16QAM	M	Inner_1RB_Left	24.48	22.88	33.00	PASS
N38	30	40	DFT-16QAM	M	Inner_1RB_Right	24.66	23.06	33.00	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	23.46	21.86	33.00	PASS
N38	30	40	DFT-64QAM	M	Inner_1RB_Left	22.96	21.36	33.00	PASS
N38	30	40	DFT-64QAM	M	Inner_1RB_Right	23.14	21.54	33.00	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	22.96	21.36	33.00	PASS
N38	30	40	DFT-256QAM	M	Inner_1RB_Left	20.74	19.14	33.00	PASS
N38	30	40	DFT-256QAM	M	Inner_1RB_Right	20.91	19.31	33.00	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	20.9	19.3	33.00	PASS
N38	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	24.88	23.28	33.00	PASS
N38	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	25	23.4	33.00	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	24.84	23.24	33.00	PASS
N38	30	40	DFT-QPSK	H	Inner_1RB_Left	24.86	23.26	33.00	PASS
N38	30	40	DFT-QPSK	H	Inner_1RB_Right	24.96	23.36	33.00	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	24.53	22.93	33.00	PASS
N38	30	40	DFT-16QAM	H	Inner_1RB_Left	24.6	23	33.00	PASS
N38	30	40	DFT-16QAM	H	Inner_1RB_Right	24.71	23.11	33.00	PASS
N38	30	40	DFT-16QAM	H	Outer_Full	23.56	21.96	33.00	PASS
N38	30	40	DFT-64QAM	H	Inner_1RB_Left	23.05	21.45	33.00	PASS
N38	30	40	DFT-64QAM	H	Inner_1RB_Right	23.14	21.54	33.00	PASS
N38	30	40	DFT-64QAM	H	Outer_Full	23.07	21.47	33.00	PASS
N38	30	40	DFT-256QAM	H	Inner_1RB_Left	20.89	19.29	33.00	PASS
N38	30	40	DFT-256QAM	H	Inner_1RB_Right	21.03	19.43	33.00	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2309000386RG02

Rev.: 01

Page: 4 of 41

N38	30	40	DFT-256QAM	H	Outer_Full	20.99	19.39	33.00	PASS
-----	----	----	------------	---	------------	-------	-------	-------	------



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

Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N38	30	40	DFT-256QAM	L	Outer_Full	6.59	≤13	PASS
N38	30	40	CP-256QAM	L	Outer_Full	6.58	≤13	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	6.59	≤13	PASS
N38	30	40	CP-256QAM	M	Outer_Full	6.58	≤13	PASS
N38	30	40	DFT-256QAM	H	Outer_Full	6.57	≤13	PASS
N38	30	40	CP-256QAM	H	Outer_Full	6.59	≤13	PASS



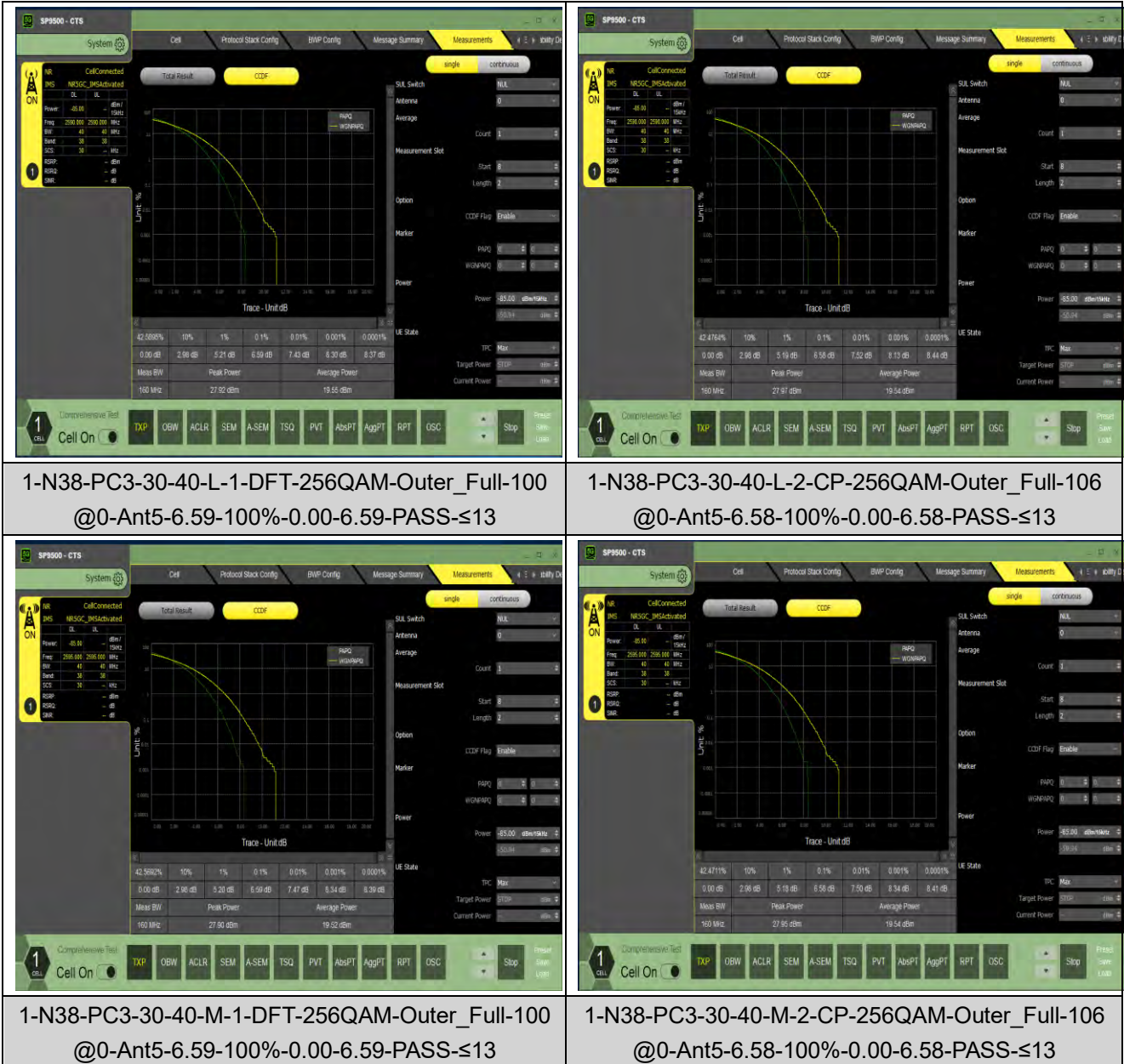
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

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

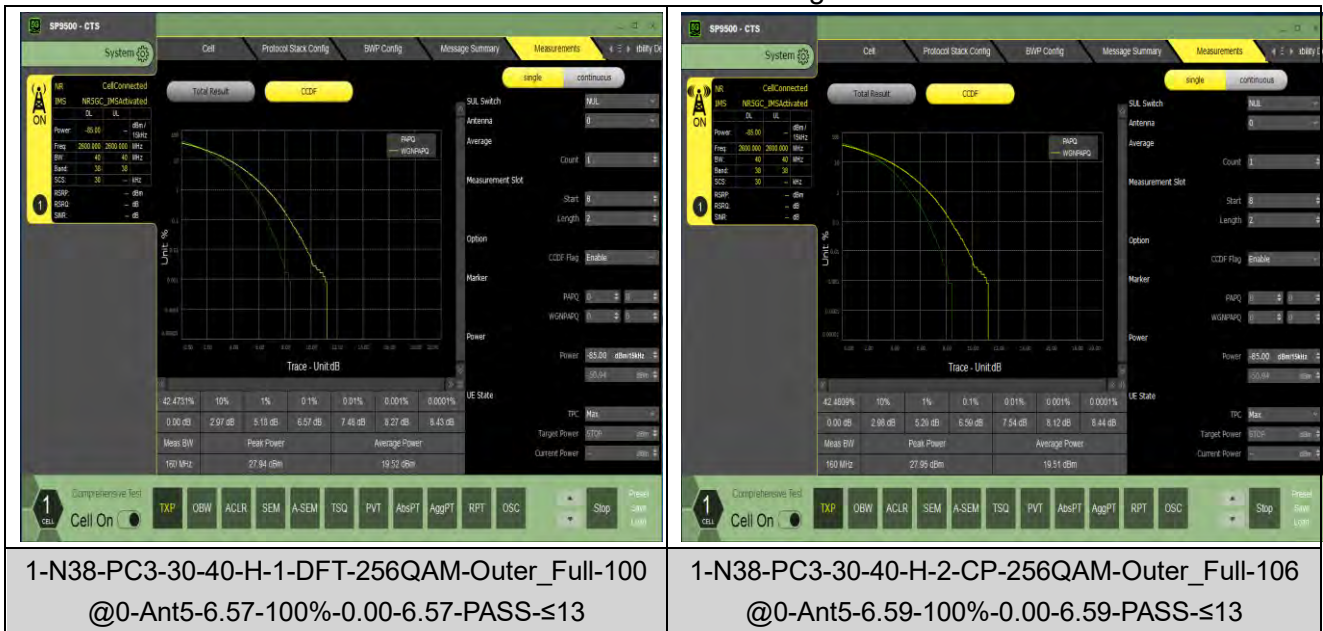
Test Graphs



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 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号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N38-PC3-30-40-H-1-DFT-256QAM-Outer_Full-100
@0-Ant5-6.57-100%-0.00-6.57-PASS-≤13

1-N38-PC3-30-40-H-2-CP-256QAM-Outer_Full-106
@0-Ant5-6.59-100%-0.00-6.59-PASS-≤13



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

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

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

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

26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N38	30	10	DFT-QPSK	M	Outer_Full	8.56	9.640	PASS
N38	30	10	DFT-PI2BPSK	M	Outer_Full	8.614	9.560	PASS
N38	30	10	DFT-16QAM	M	Outer_Full	8.598	9.240	PASS
N38	30	10	DFT-64QAM	M	Outer_Full	8.575	9.440	PASS
N38	30	10	DFT-256QAM	M	Outer_Full	8.573	9.380	PASS
N38	30	10	CP-QPSK	M	Outer_Full	8.58	9.840	PASS
N38	30	10	CP-16QAM	M	Outer_Full	8.571	9.660	PASS
N38	30	10	CP-64QAM	M	Outer_Full	8.563	9.580	PASS
N38	30	10	CP-256QAM	M	Outer_Full	8.573	9.460	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	12.817	13.980	PASS
N38	30	15	DFT-PI2BPSK	M	Outer_Full	12.873	14.220	PASS
N38	30	15	DFT-16QAM	M	Outer_Full	12.892	14.070	PASS
N38	30	15	DFT-64QAM	M	Outer_Full	12.903	14.310	PASS
N38	30	15	DFT-256QAM	M	Outer_Full	12.776	13.980	PASS
N38	30	15	CP-QPSK	M	Outer_Full	13.6	14.400	PASS
N38	30	15	CP-16QAM	M	Outer_Full	13.605	14.790	PASS
N38	30	15	CP-64QAM	M	Outer_Full	13.573	14.880	PASS
N38	30	15	CP-256QAM	M	Outer_Full	13.526	14.640	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	17.823	18.920	PASS
N38	30	20	DFT-PI2BPSK	M	Outer_Full	17.837	18.840	PASS
N38	30	20	DFT-16QAM	M	Outer_Full	17.816	19.280	PASS
N38	30	20	DFT-64QAM	M	Outer_Full	17.818	18.880	PASS
N38	30	20	DFT-256QAM	M	Outer_Full	17.824	19.240	PASS
N38	30	20	CP-QPSK	M	Outer_Full	18.194	19.680	PASS
N38	30	20	CP-16QAM	M	Outer_Full	18.137	19.080	PASS
N38	30	20	CP-64QAM	M	Outer_Full	18.246	19.680	PASS
N38	30	20	CP-256QAM	M	Outer_Full	18.192	19.480	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	26.738	28.200	PASS
N38	30	30	DFT-PI2BPSK	M	Outer_Full	26.804	28.260	PASS
N38	30	30	DFT-16QAM	M	Outer_Full	26.889	28.020	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, Ruisi Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2309000386RG02

Rev.: 01

Page: 9 of 41

N38	30	30	DFT-64QAM	M	Outer_Full	26.802	28.080	PASS
N38	30	30	DFT-256QAM	M	Outer_Full	26.907	27.900	PASS
N38	30	30	CP-QPSK	M	Outer_Full	27.835	29.520	PASS
N38	30	30	CP-16QAM	M	Outer_Full	27.893	29.280	PASS
N38	30	30	CP-64QAM	M	Outer_Full	27.891	29.520	PASS
N38	30	30	CP-256QAM	M	Outer_Full	27.807	29.100	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	35.808	37.360	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	35.75	37.760	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	35.807	37.280	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	35.825	37.600	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	35.704	37.600	PASS
N38	30	40	CP-QPSK	M	Outer_Full	37.822	39.600	PASS
N38	30	40	CP-16QAM	M	Outer_Full	37.857	39.840	PASS
N38	30	40	CP-64QAM	M	Outer_Full	37.913	40.160	PASS
N38	30	40	CP-256QAM	M	Outer_Full	37.87	40.160	PASS



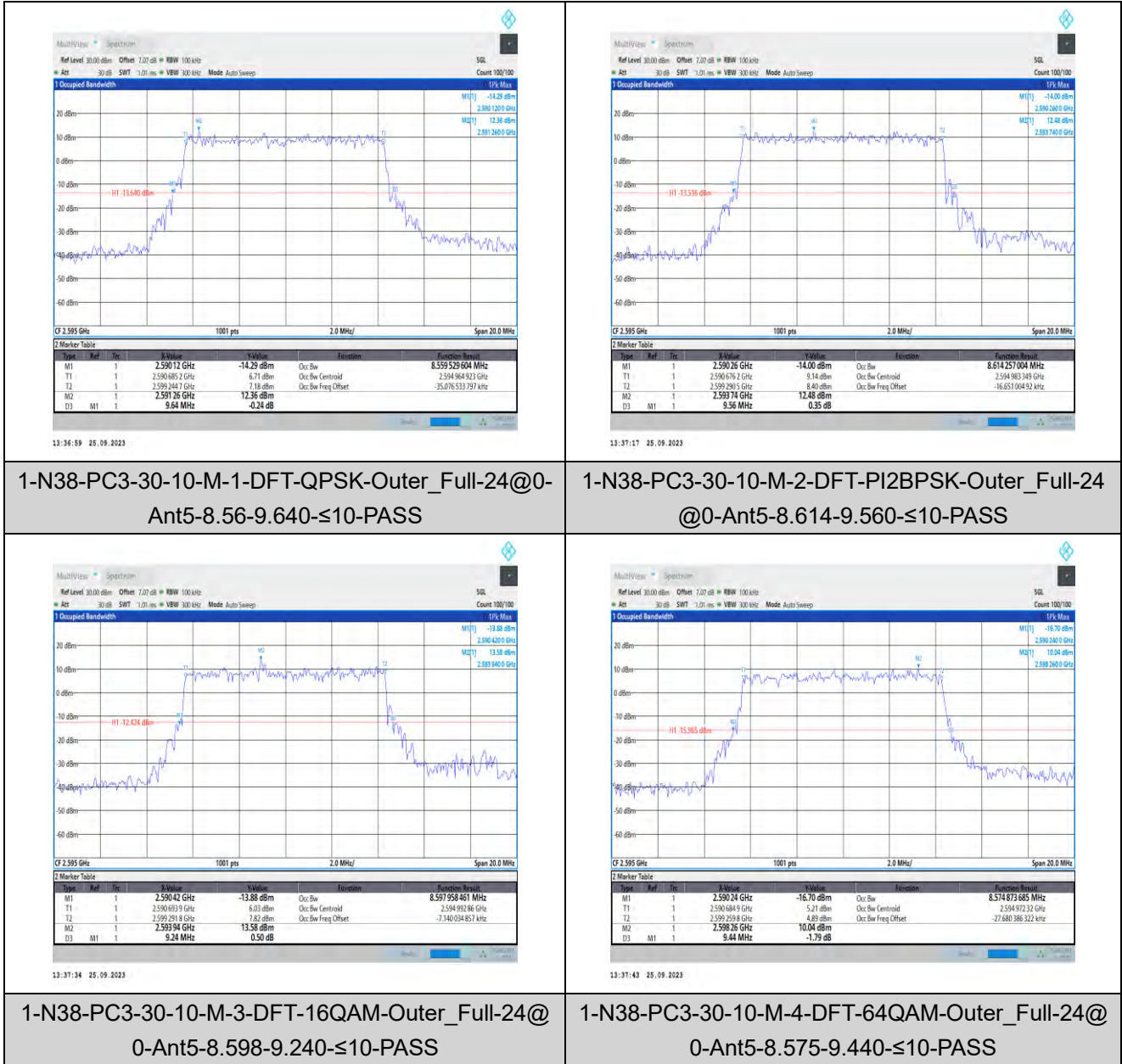
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

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

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.

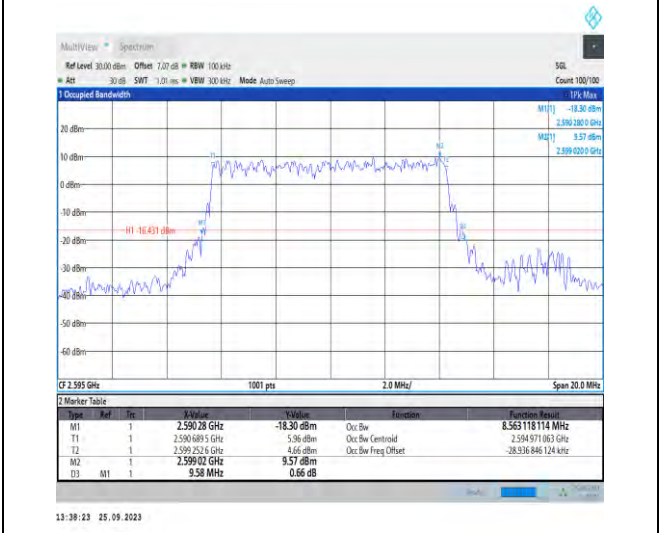
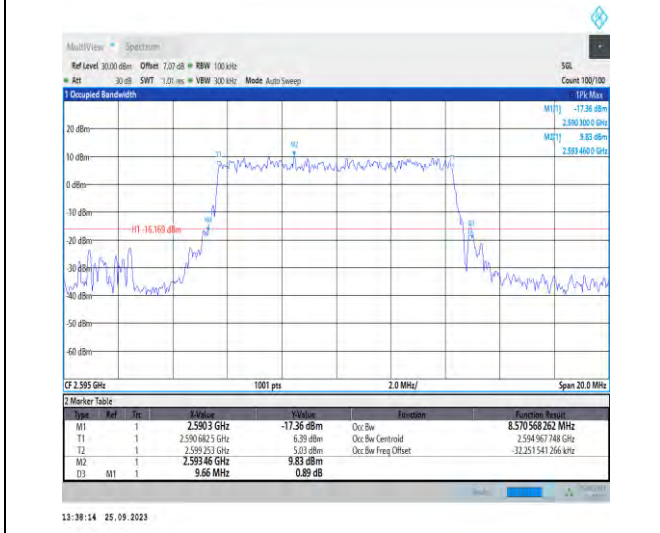
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



1-N38-PC3-30-10-M-5-DFT-256QAM-Outer_Full-24@0-Ant5-8.573-9.380-≤10-PASS

1-N38-PC3-30-10-M-6-CP-QPSK-Outer_Full-24@0-Ant5-8.58-9.840-≤10-PASS



1-N38-PC3-30-10-M-7-CP-16QAM-Outer_Full-24@0-Ant5-8.571-9.660-≤10-PASS

1-N38-PC3-30-10-M-8-CP-64QAM-Outer_Full-24@0-Ant5-8.563-9.580-≤10-PASS

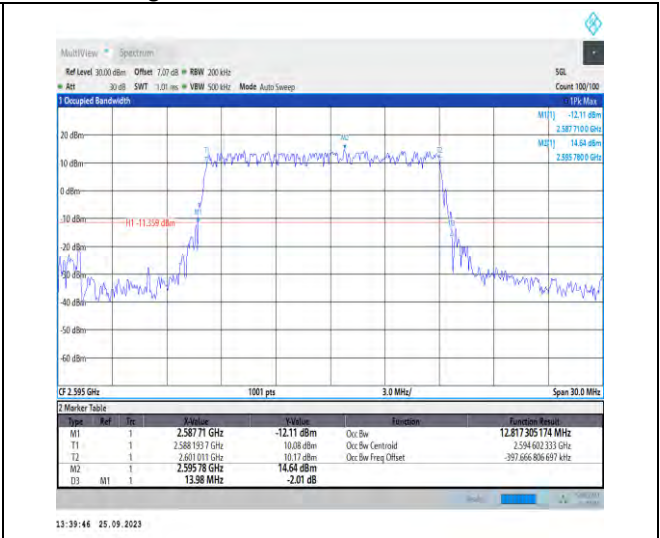


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



1-N38-PC3-30-10-M-9-CP-256QAM-Outer_Full-24@
 0-Ant5-8.573-9.460-≤10-PASS



1-N38-PC3-30-15-M-1-DFT-QPSK-Outer_Full-36@
 0-Ant5-12.817-13.980-≤15-PASS



1-N38-PC3-30-15-M-2-DFT-PI2BPSK-Outer_Full-36@
 0-Ant5-12.873-14.220-≤15-PASS

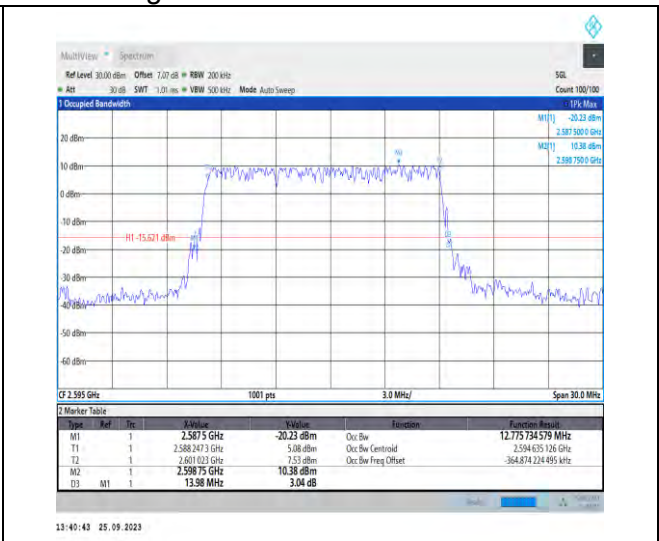


1-N38-PC3-30-15-M-3-DFT-16QAM-Outer_Full-36@
 0-Ant5-12.892-14.070-≤15-PASS



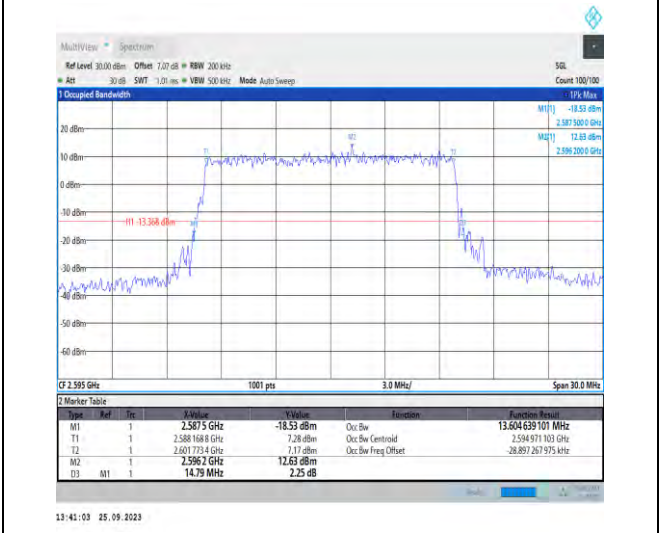
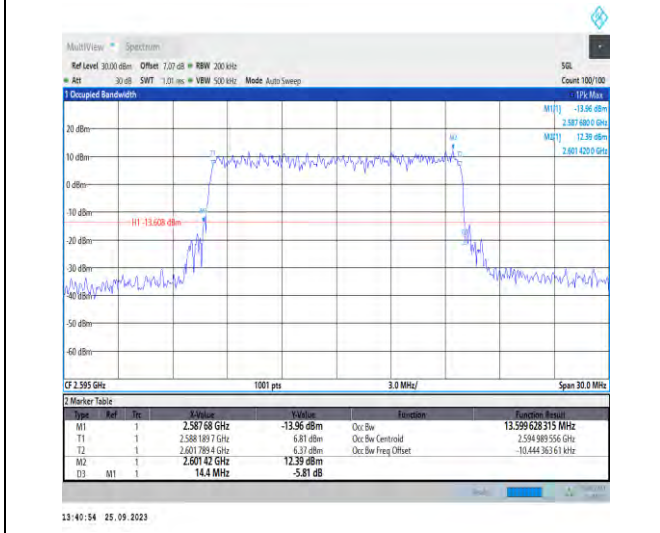
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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) 83071443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pk01 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



1-N38-PC3-30-15-M-4-DFT-64QAM-Outer_Full-36@0-Ant5-12.903-14.310-≤15-PASS

1-N38-PC3-30-15-M-5-DFT-256QAM-Outer_Full-36@0-Ant5-12.776-13.980-≤15-PASS



1-N38-PC3-30-15-M-6-CP-QPSK-Outer_Full-38@0-Ant5-13.6-14.400-≤15-PASS

1-N38-PC3-30-15-M-7-CP-16QAM-Outer_Full-38@0-Ant5-13.605-14.790-≤15-PASS



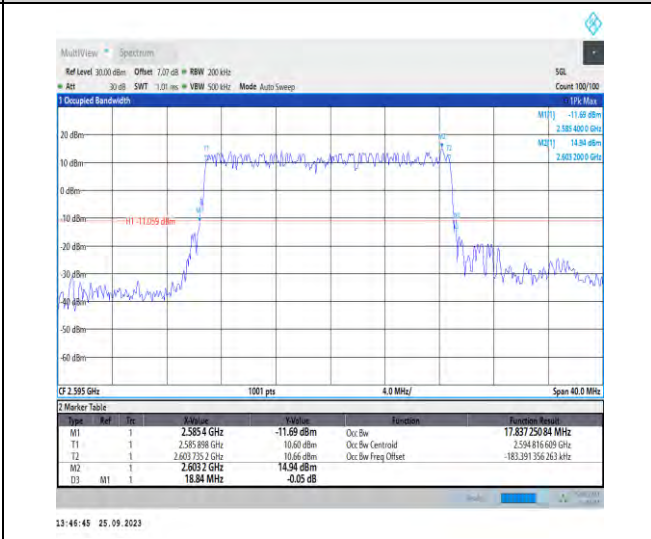
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



1-N38-PC3-30-15-M-8-CP-64QAM-Outer_Full-38@0
 -Ant5-13.573-14.880-≤15-PASS

1-N38-PC3-30-15-M-9-CP-256QAM-Outer_Full-38@0
 -Ant5-13.526-14.640-≤15-PASS



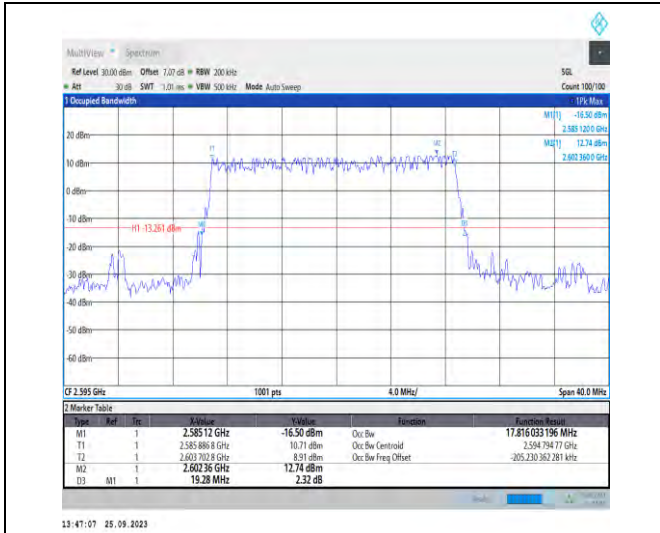
1-N38-PC3-30-20-M-1-DFT-QPSK-Outer_Full-50@0
 -Ant5-17.823-18.920-≤20-PASS

1-N38-PC3-30-20-M-2-DFT-PI2BPSK-Outer_Full-50@0
 -Ant5-17.837-18.840-≤20-PASS

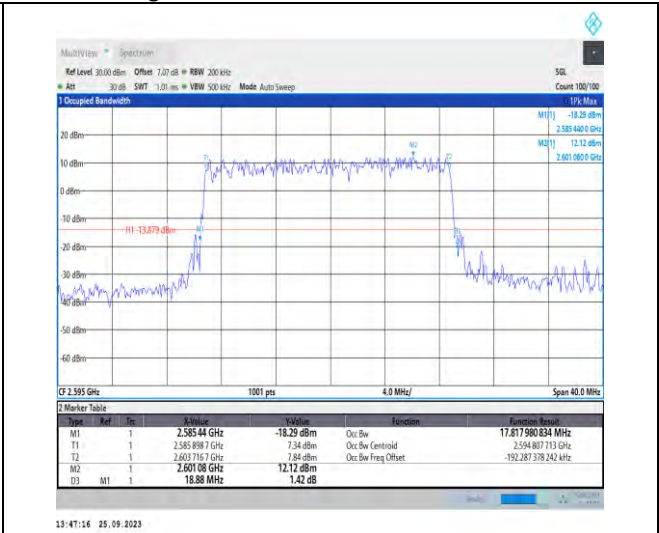


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

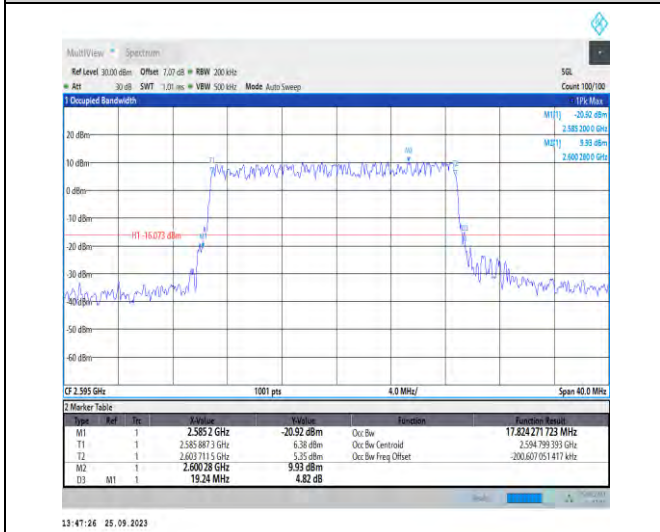
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 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



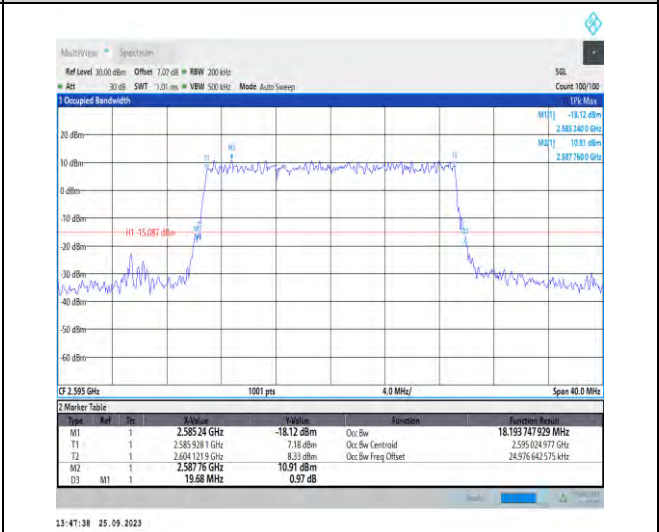
1-N38-PC3-30-20-M-3-DFT-16QAM-Outer_Full-50@
0-Ant5-17.816-19.280-≤20-PASS



1-N38-PC3-30-20-M-4-DFT-64QAM-Outer_Full-50@
0-Ant5-17.818-18.880-≤20-PASS



1-N38-PC3-30-20-M-5-DFT-256QAM-Outer_Full-50
@0-Ant5-17.824-19.240-≤20-PASS

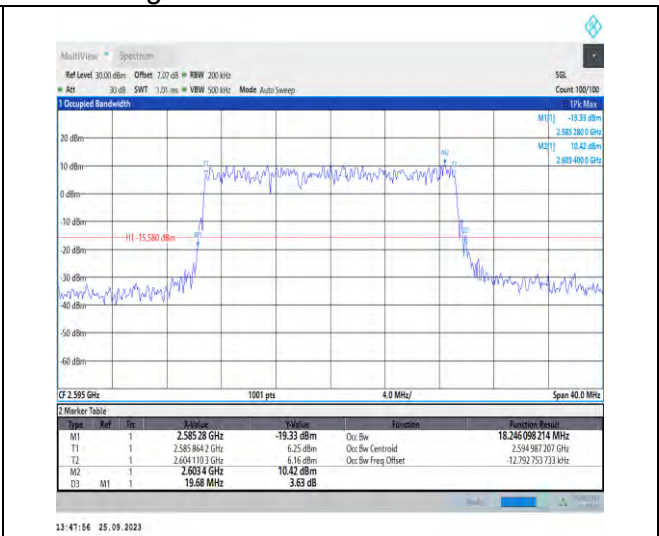
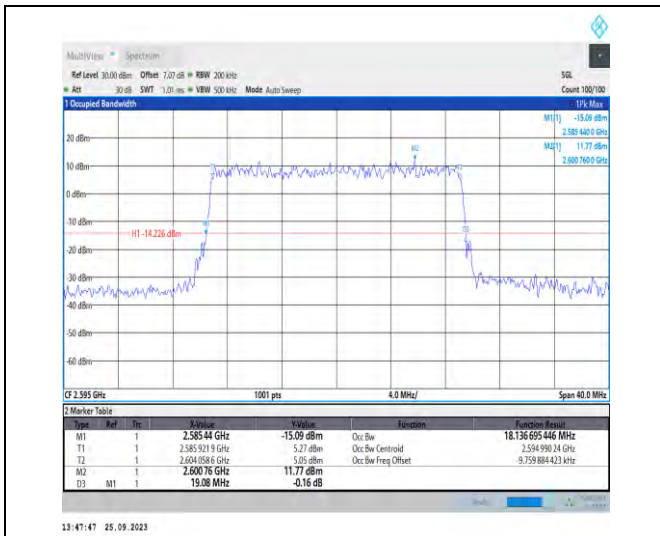


1-N38-PC3-30-20-M-6-CP-QPSK-Outer_Full-51@0-
Ant5-18.194-19.680-≤20-PASS



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, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pk01 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



1-N38-PC3-30-20-M-7-CP-16QAM-Outer_Full-51@0
-Ant5-18.137-19.080-≤ 20-PASS

1-N38-PC3-30-20-M-8-CP-64QAM-Outer_Full-51@0
-Ant5-18.246-19.680-≤ 20-PASS



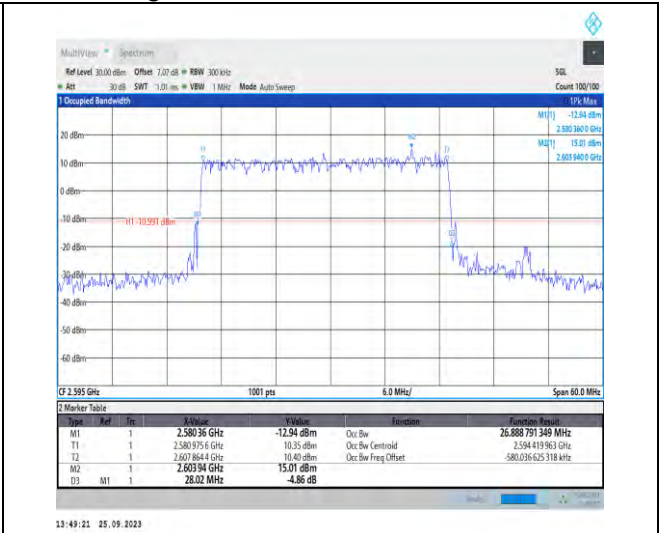
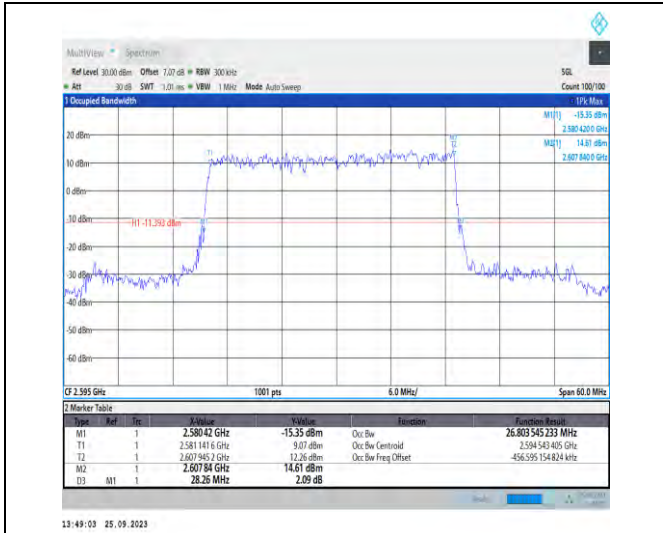
1-N38-PC3-30-20-M-9-CP-256QAM-Outer_Full-51@0
0-Ant5-18.192-19.480-≤ 20-PASS

1-N38-PC3-30-30-M-1-DFT-QPSK-Outer_Full-75@0
-Ant5-26.738-28.200-≤ 30-PASS



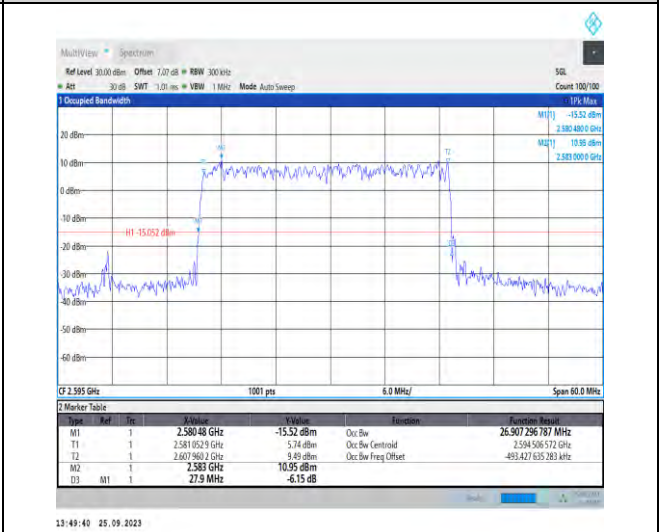
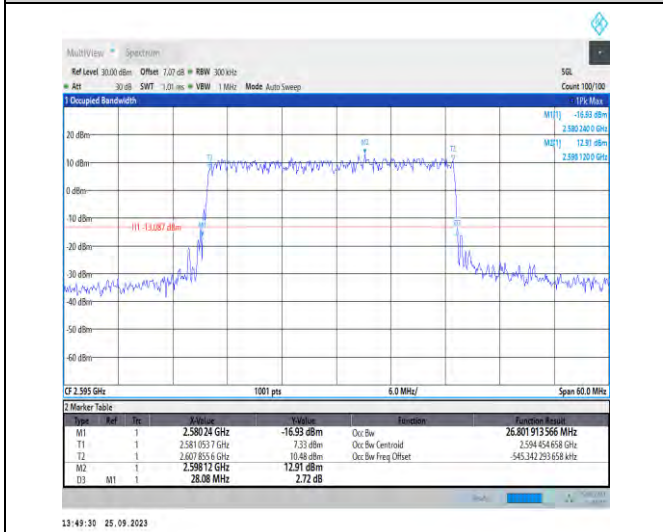
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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) Pk01 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号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N38-PC3-30-30-M-2-DFT-PI2BPSK-Outer_Full-75 @0-Ant5-26.804-28.260-<30-PASS

1-N38-PC3-30-30-M-3-DFT-16QAM-Outer_Full-75 @0-Ant5-26.889-28.020-<30-PASS



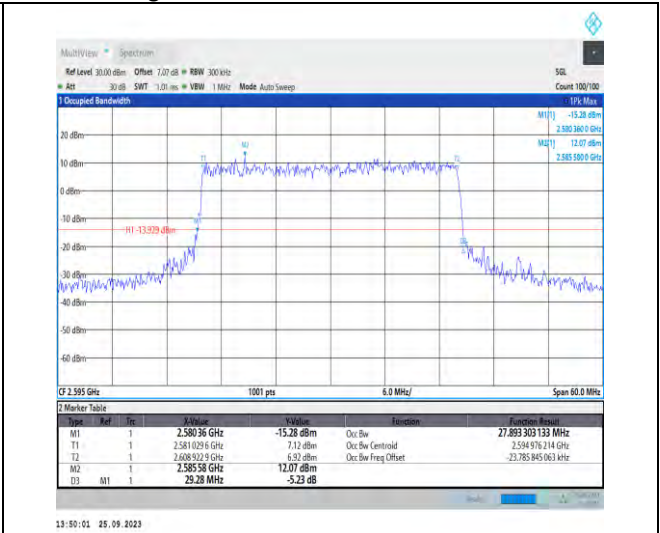
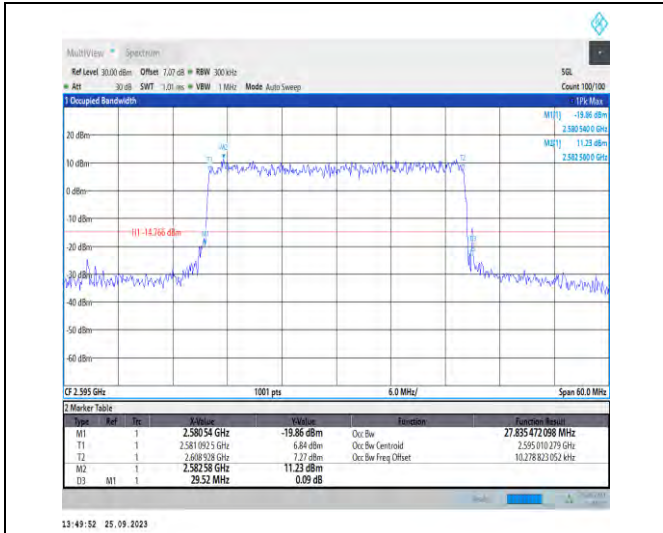
1-N38-PC3-30-30-M-4-DFT-64QAM-Outer_Full-75 @0-Ant5-26.802-28.080-<30-PASS

1-N38-PC3-30-30-M-5-DFT-256QAM-Outer_Full-75 @0-Ant5-26.907-27.900-<30-PASS



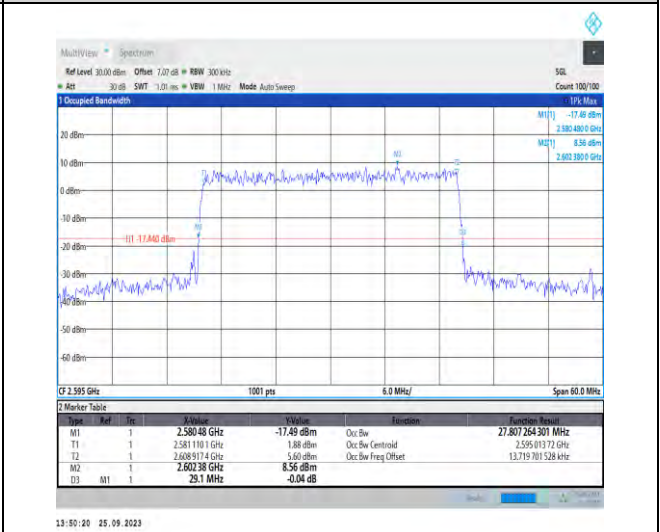
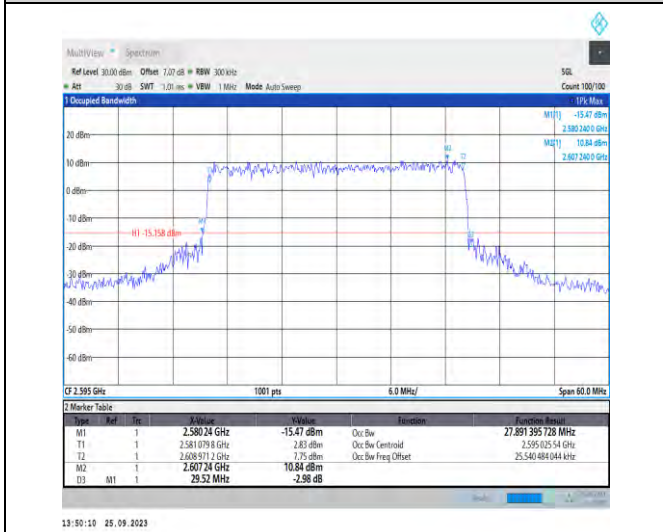
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



1-N38-PC3-30-30-M-6-CP-QPSK-Outer_Full-78@0-Ant5-27.835-29.520-≤30-PASS

1-N38-PC3-30-30-M-7-CP-16QAM-Outer_Full-78@0-Ant5-27.893-29.280-≤30-PASS



1-N38-PC3-30-30-M-8-CP-64QAM-Outer_Full-78@0-Ant5-27.891-29.520-≤30-PASS

1-N38-PC3-30-30-M-9-CP-256QAM-Outer_Full-78@0-Ant5-27.807-29.100-≤30-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



1-N38-PC3-30-40-M-1-DFT-QPSK-Outer_Full-100@0-Ant5-35.808-37.360-≤40-PASS



1-N38-PC3-30-40-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant5-35.75-37.760-≤40-PASS



1-N38-PC3-30-40-M-3-DFT-16QAM-Outer_Full-100@0-Ant5-35.807-37.280-≤40-PASS

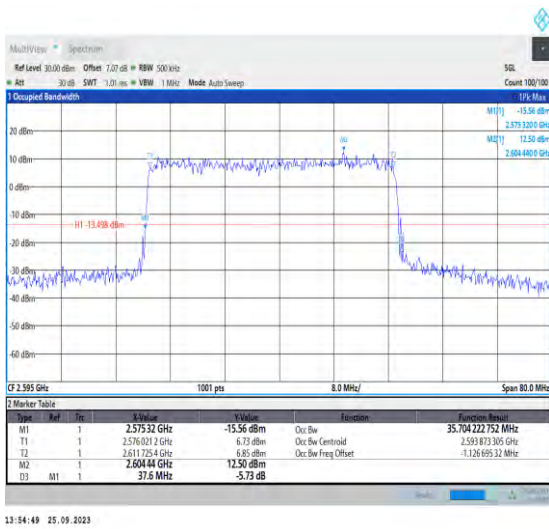


1-N38-PC3-30-40-M-4-DFT-64QAM-Outer_Full-100@0-Ant5-35.825-37.600-≤40-PASS

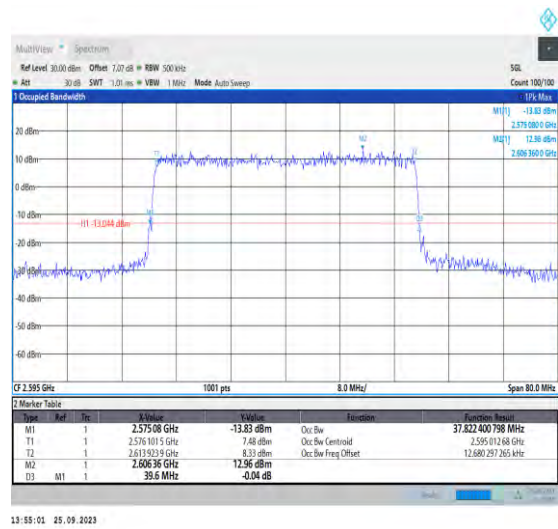


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

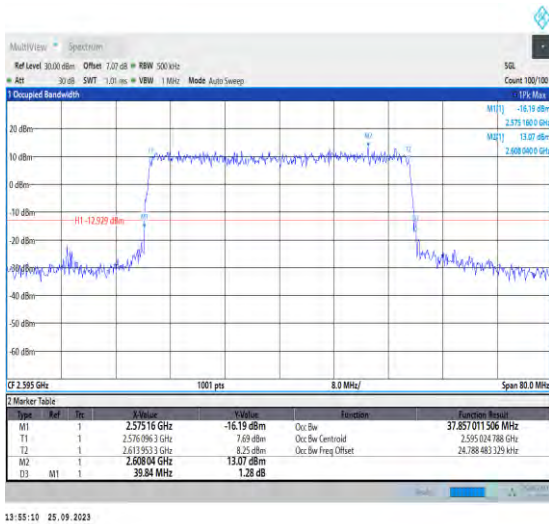
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pk01 Free Trade Zone 215000 t (86-512) 62992980 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号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



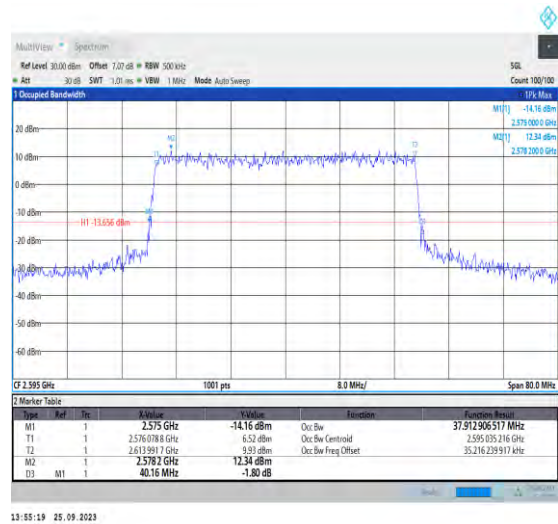
1-N38-PC3-30-40-M-5-DFT-256QAM-Outer_Full-100 @0-Ant5-35.704-37.600-≤40-PASS



1-N38-PC3-30-40-M-6-CP-QPSK-Outer_Full-106@0-Ant5-37.822-39.600-≤40-PASS



1-N38-PC3-30-40-M-7-CP-16QAM-Outer_Full-106@0-Ant5-37.857-39.840-≤40-PASS

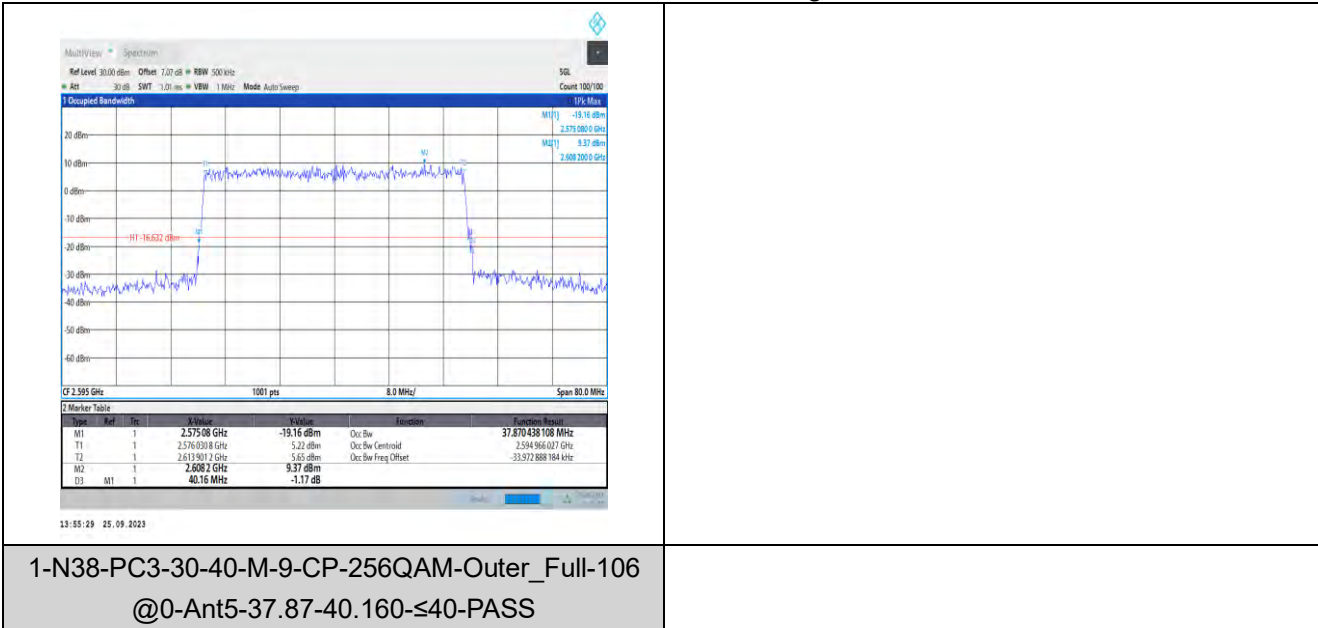


1-N38-PC3-30-40-M-8-CP-64QAM-Outer_Full-106@0-Ant5-37.913-40.160-≤40-PASS



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



1-N38-PC3-30-40-M-9-CP-256QAM-Outer_Full-106
@0-Ant5-37.87-40.160-≤40-PASS

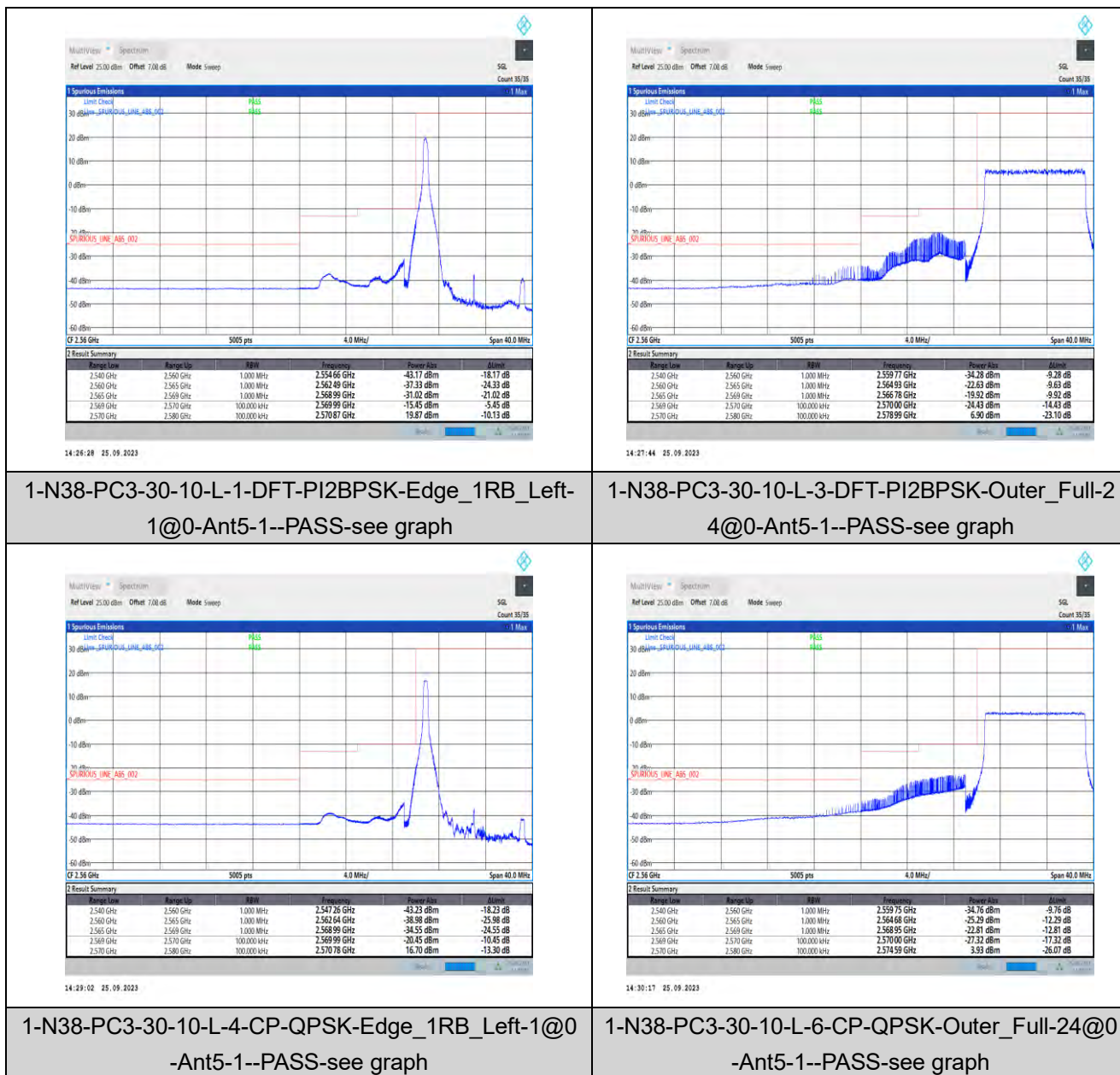


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band Edge for SA

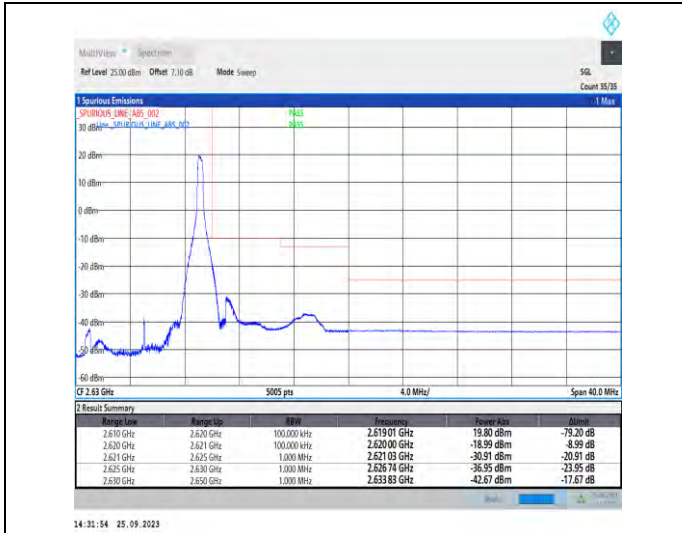
Test Graphs



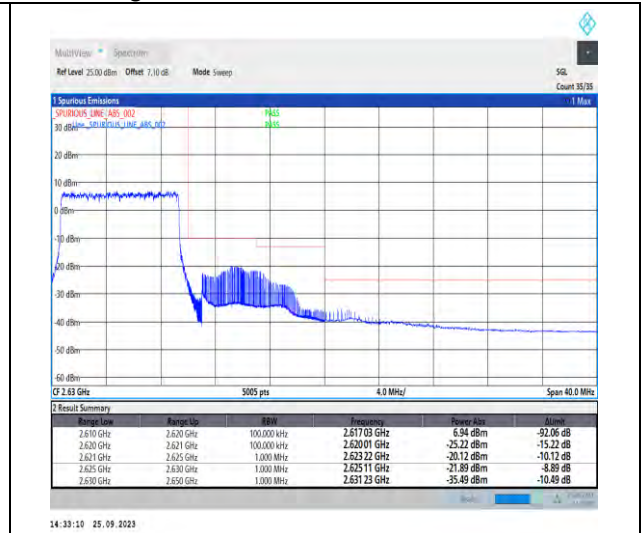
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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: (86-795) 8307 1443, or email: CN.Doccheck@sgs.com

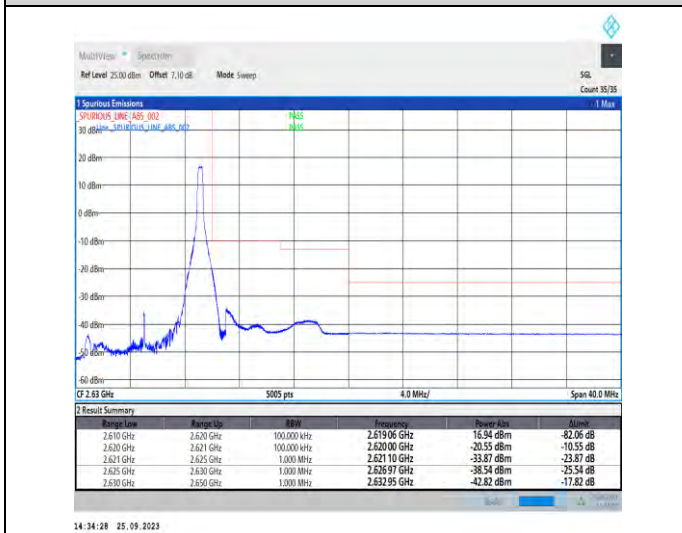
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pk01 Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



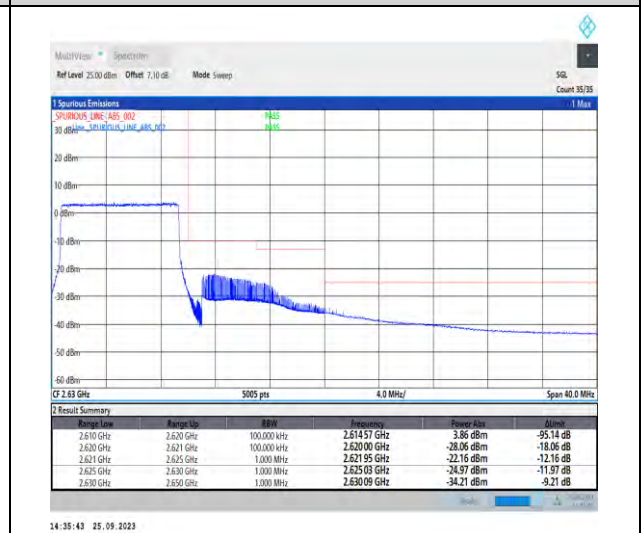
1-N38-PC3-30-10-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@23-Ant5-1--PASS-see graph



1-N38-PC3-30-10-H-3-DFT-PI2BPSK-Outer_Full-2 4@0-Ant5-1--PASS-see graph



1-N38-PC3-30-10-H-5-CP-QPSK-Edge_1RB_Right-1 @23-Ant5-1--PASS-see graph

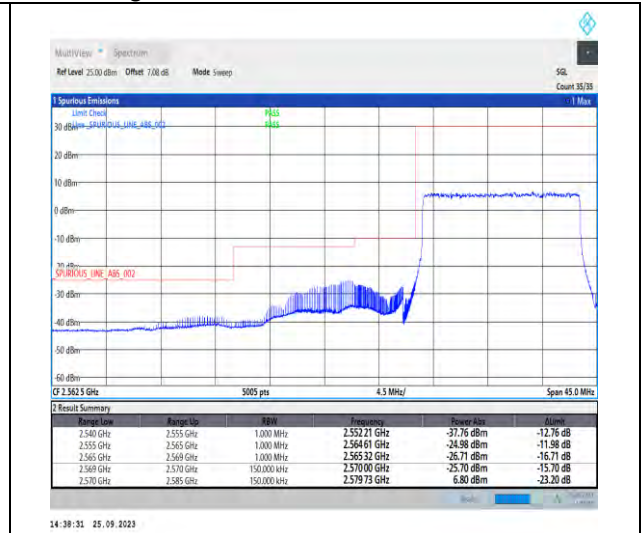
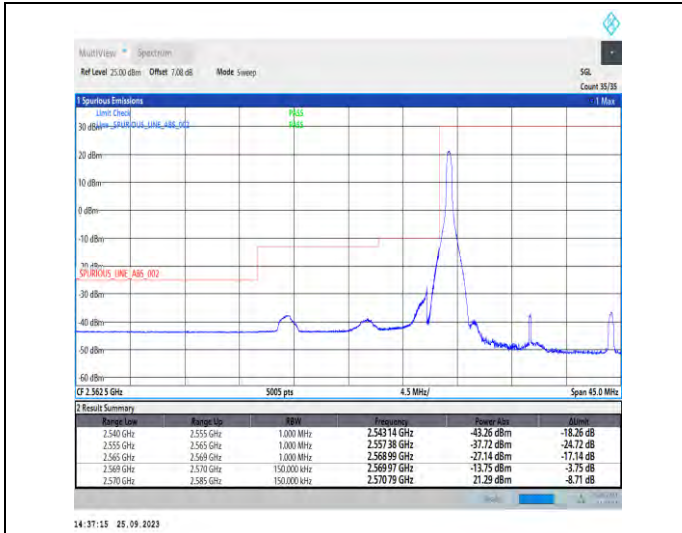


1-N38-PC3-30-10-H-6-CP-QPSK-Outer_Full-24@ 0-Ant5-1--PASS-see graph



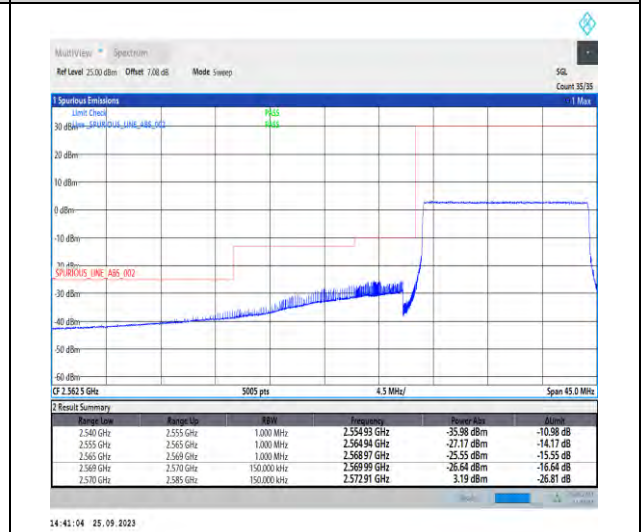
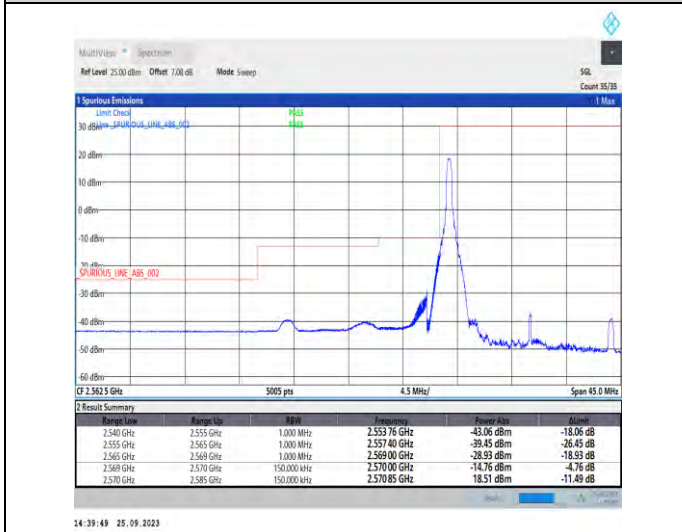
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



1-N38-PC3-30-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph

1-N38-PC3-30-15-L-3-DFT-PI2BPSK-Outer_Full-36@0-Ant5-1--PASS-see graph



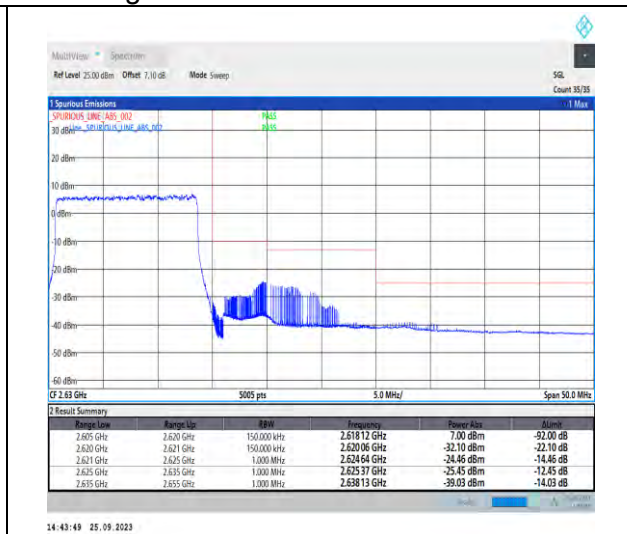
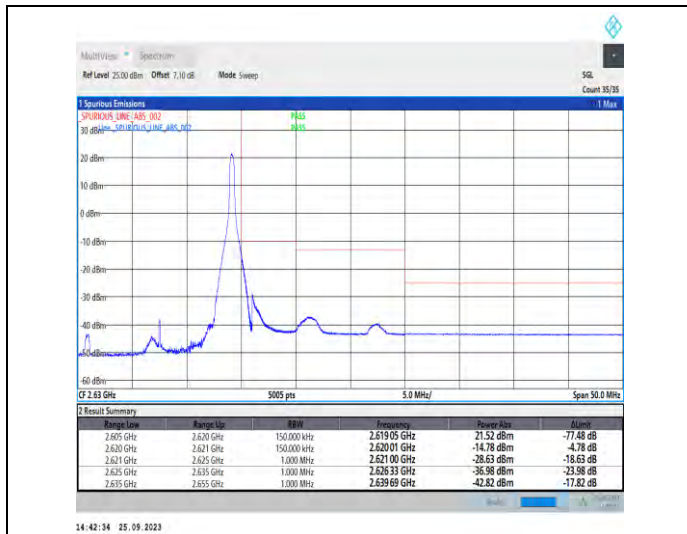
1-N38-PC3-30-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph

1-N38-PC3-30-15-L-6-CP-QPSK-Outer_Full-38@0-Ant5-1--PASS-see graph



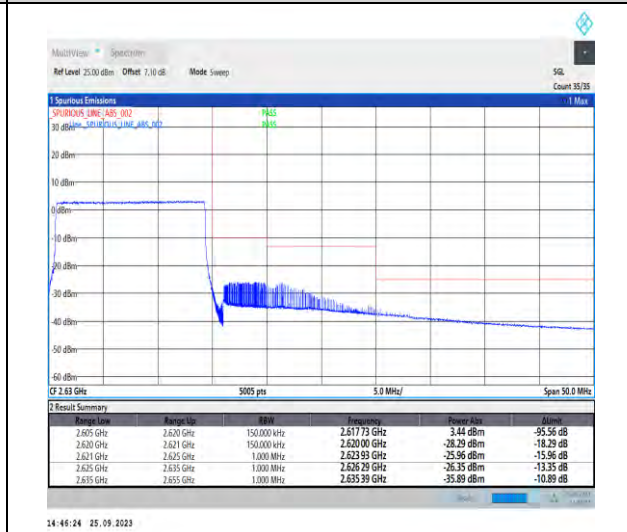
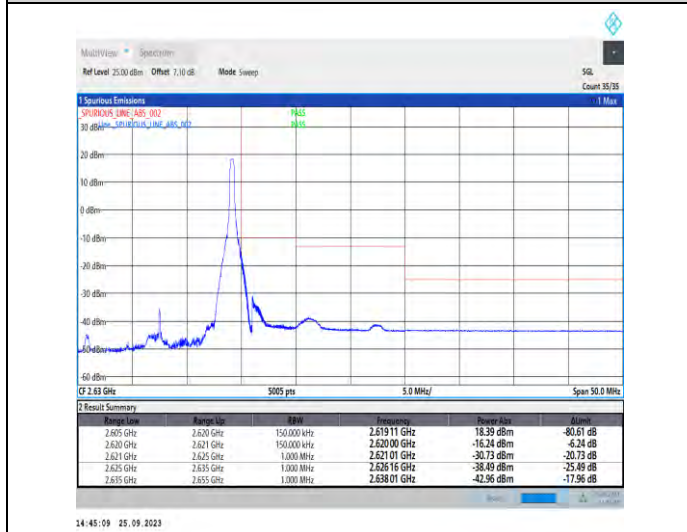
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pk01 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



1-N38-PC3-30-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@37-Ant5-1--PASS-see graph

1-N38-PC3-30-15-H-3-DFT-PI2BPSK-Outer_Full-36@0-Ant5-1--PASS-see graph



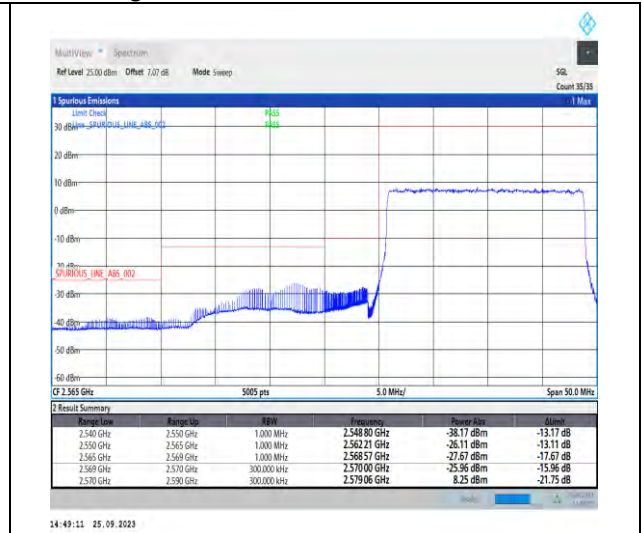
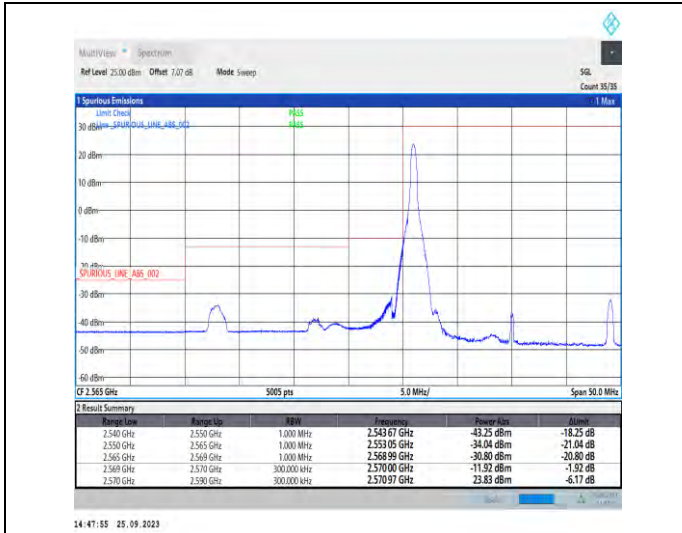
1-N38-PC3-30-15-H-5-CP-QPSK-Edge_1RB_Right-1@37-Ant5-1--PASS-see graph

1-N38-PC3-30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant5-1--PASS-see graph



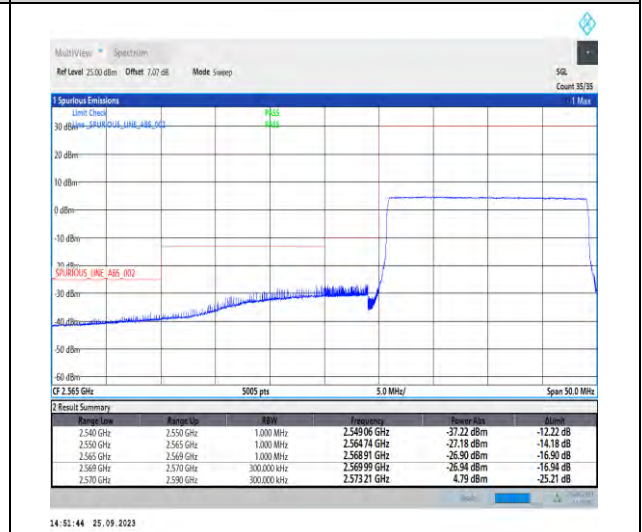
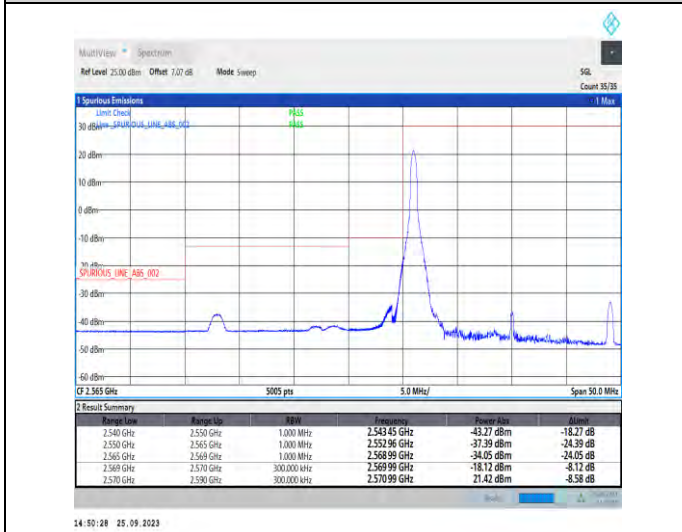
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pk01 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



1-N38-PC3-30-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph

1-N38-PC3-30-20-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant5-1--PASS-see graph



1-N38-PC3-30-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph

1-N38-PC3-30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant5-1--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.

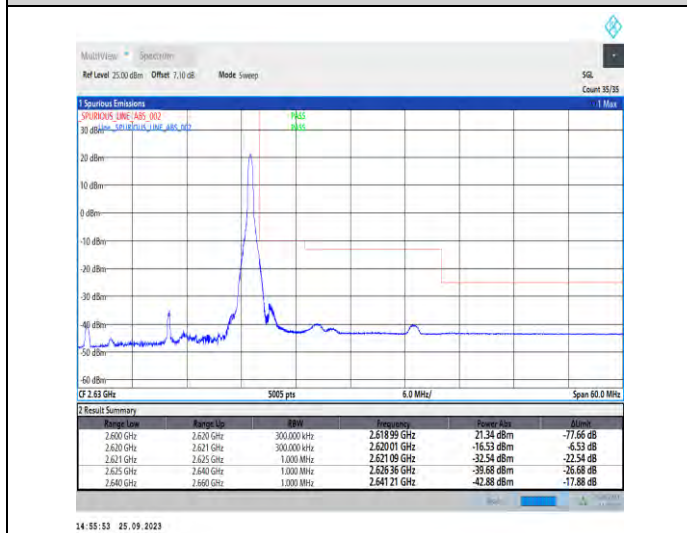
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 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



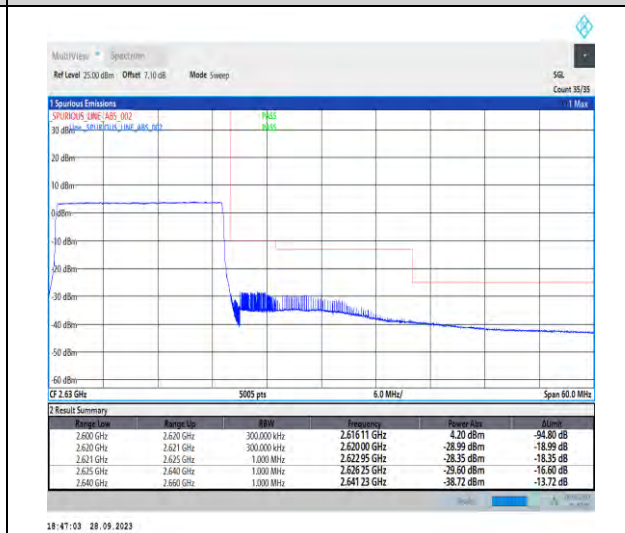
1-N38-PC3-30-20-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@50-Ant5-1--PASS-see graph



1-N38-PC3-30-20-H-3-DFT-PI2BPSK-Outer_Full-5 0@0-Ant5-1--PASS-see graph



1-N38-PC3-30-20-H-5-CP-QPSK-Edge_1RB_Right-1 @50-Ant5-1--PASS-see graph

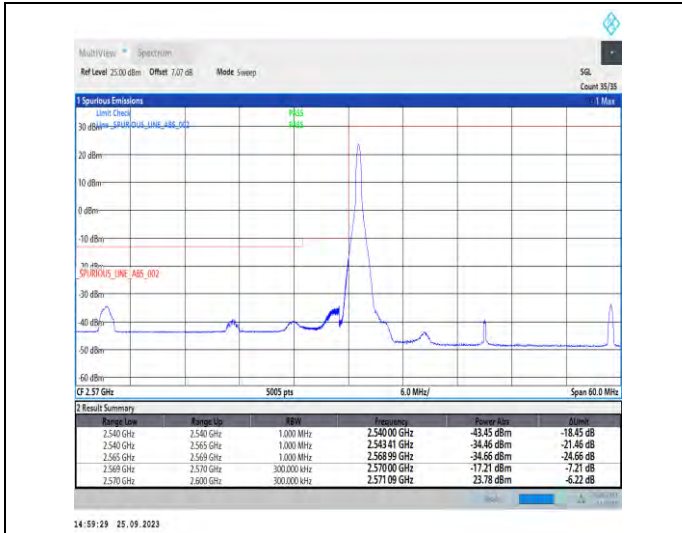


1-N38-PC3-30-20-H-6-CP-QPSK-Outer_Full-51@ 0-Ant5-1--PASS-see graph



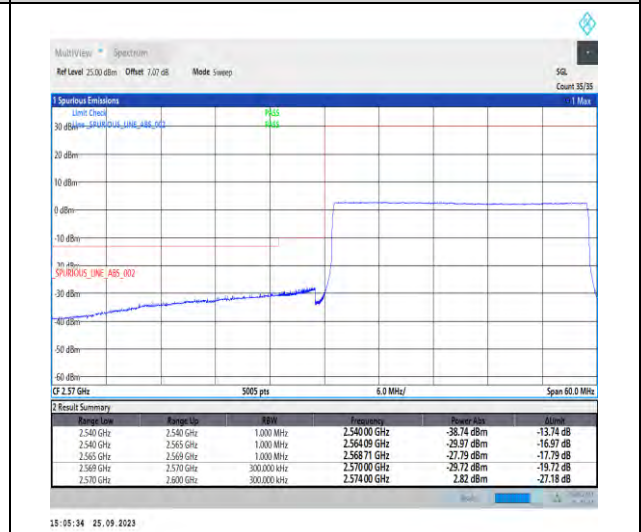
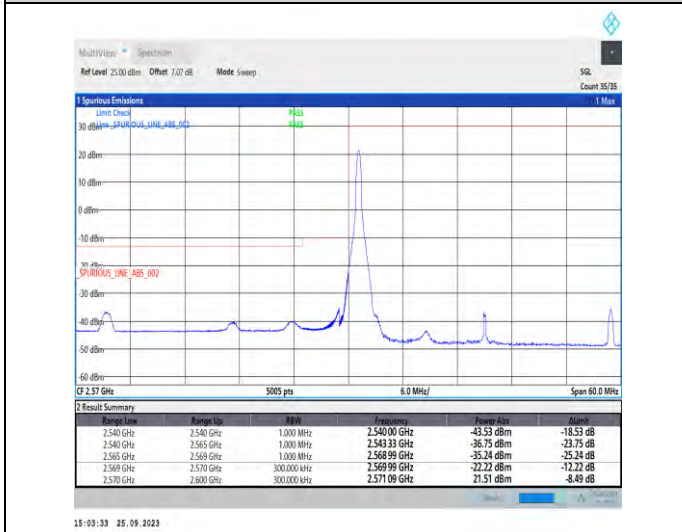
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pk01 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



1-N38-PC3-30-30-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph

1-N38-PC3-30-30-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant5-1--PASS-see graph



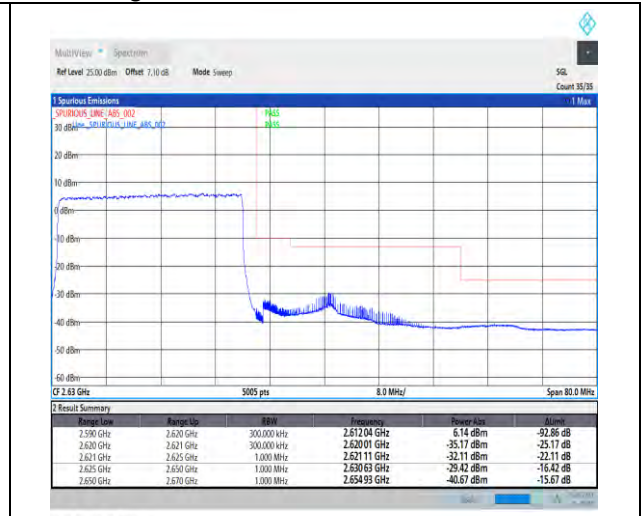
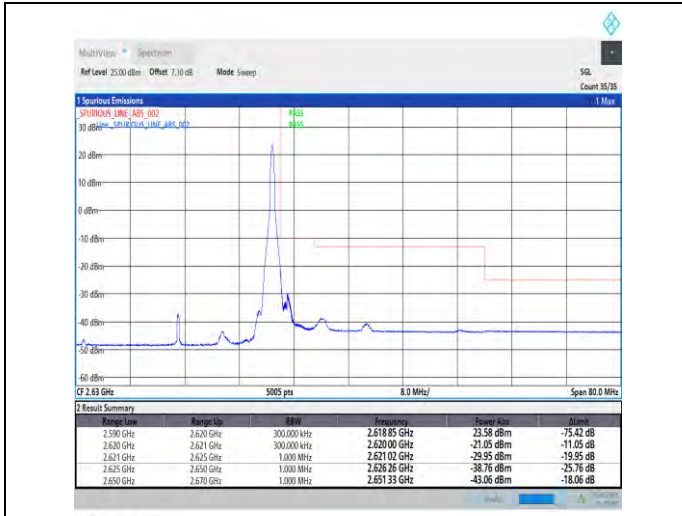
1-N38-PC3-30-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph

1-N38-PC3-30-30-L-6-CP-QPSK-Outer_Full-78@0-Ant5-1--PASS-see graph



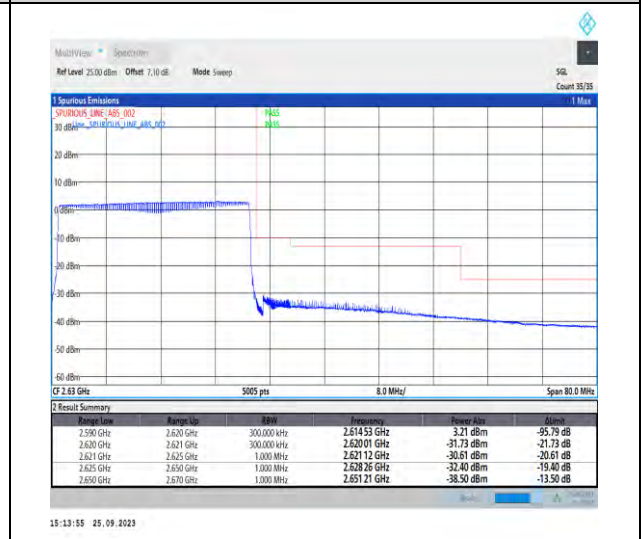
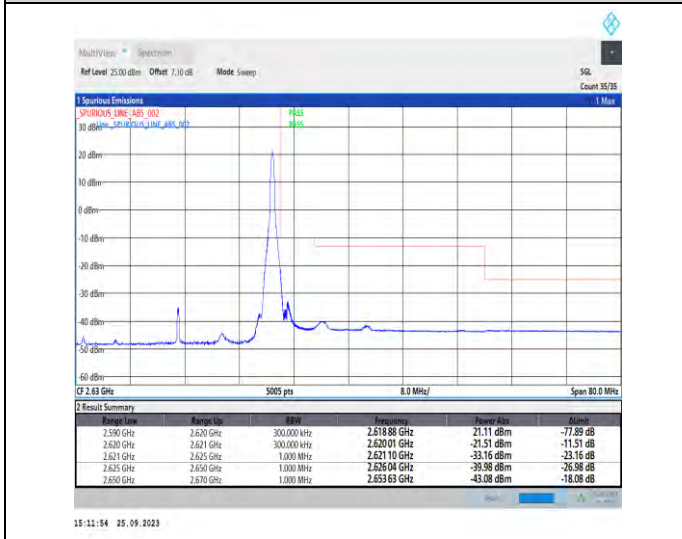
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pk01 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



1-N38-PC3-30-30-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@77-Ant5-1--PASS-see graph

1-N38-PC3-30-30-H-3-DFT-PI2BPSK-Outer_Full-7 5@0-Ant5-1--PASS-see graph



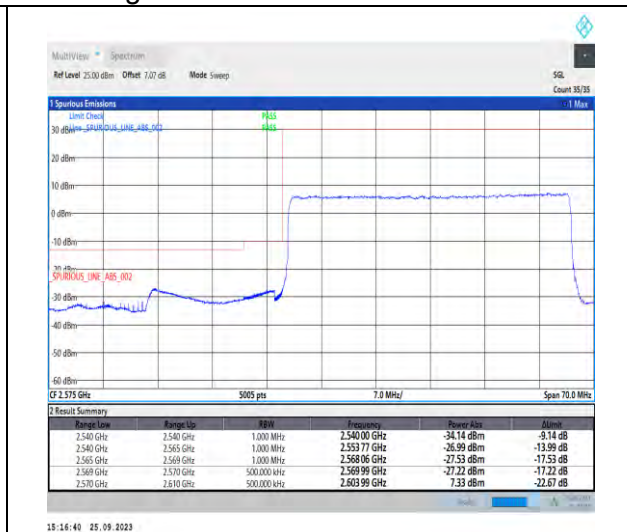
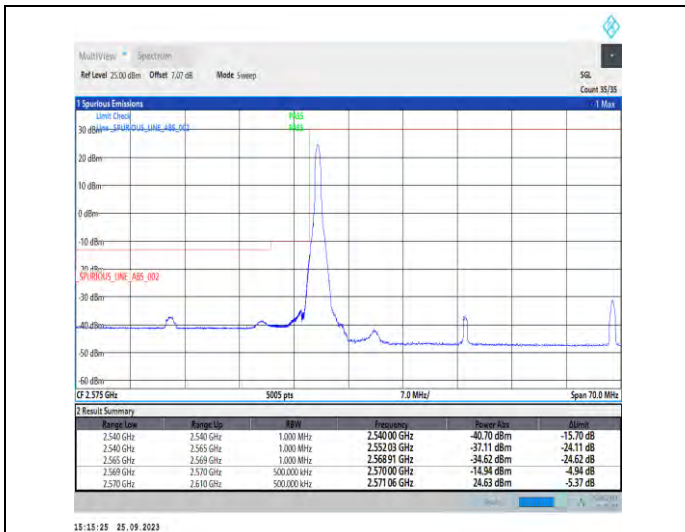
1-N38-PC3-30-30-H-5-CP-QPSK-Edge_1RB_Right-1 @77-Ant5-1--PASS-see graph

1-N38-PC3-30-30-H-6-CP-QPSK-Outer_Full-78@ 0-Ant5-1--PASS-see graph



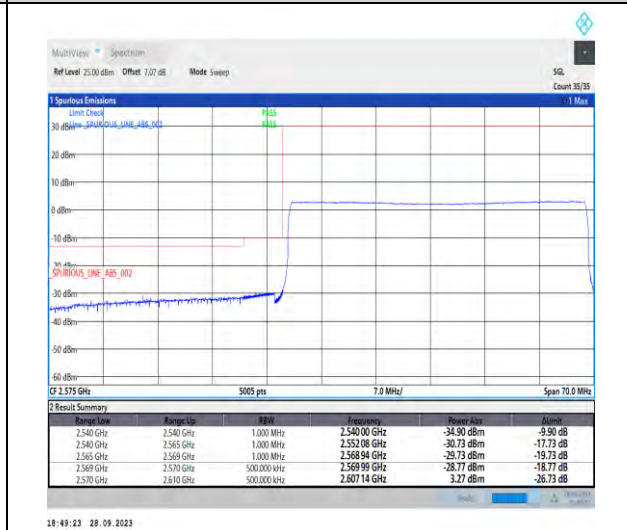
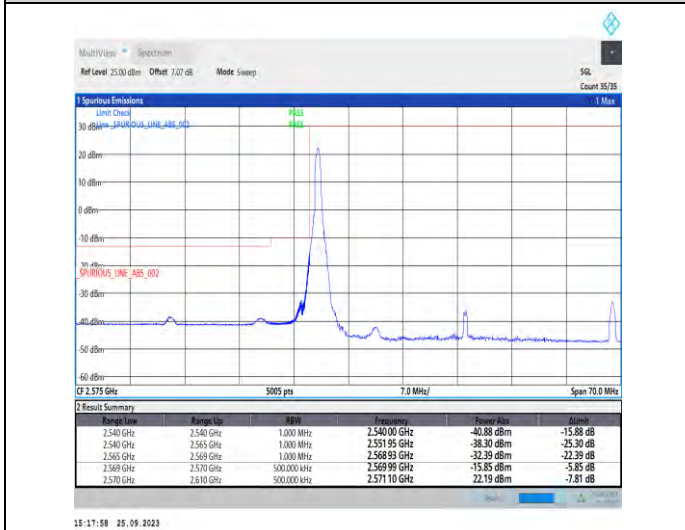
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pk01 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



1-N38-PC3-30-40-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph

1-N38-PC3-30-40-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant5-1--PASS-see graph



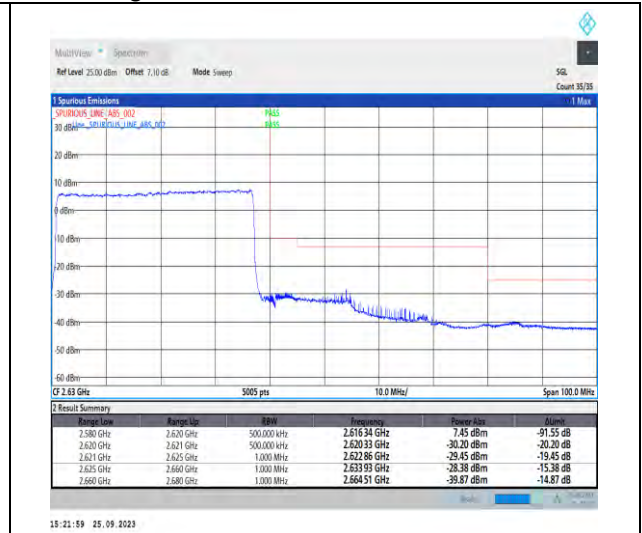
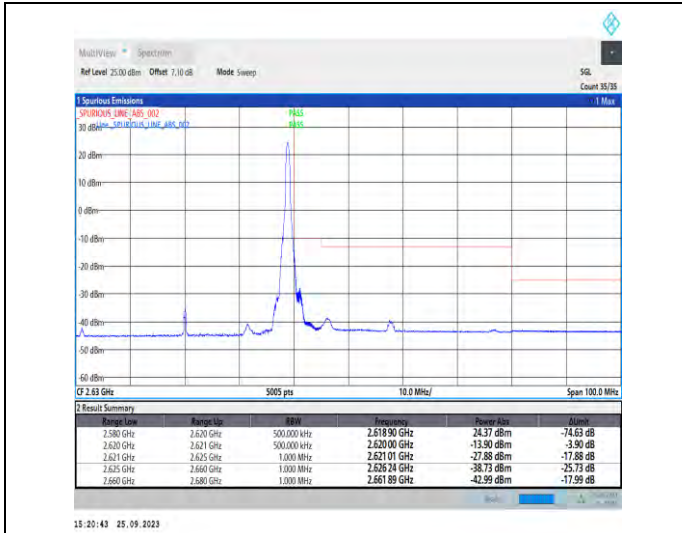
1-N38-PC3-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant5-1--PASS-see graph

1-N38-PC3-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant5-1--PASS-see graph



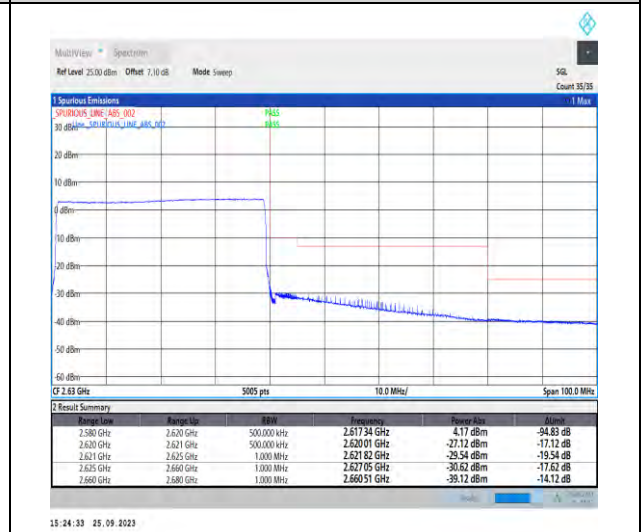
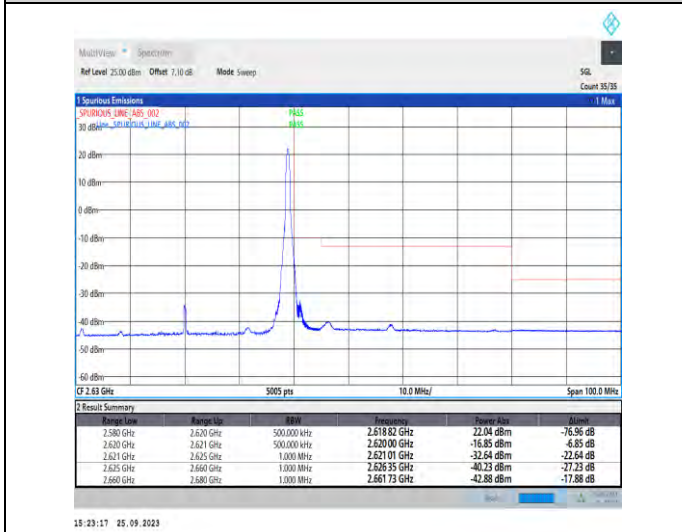
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pk01 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



1-N38-PC3-30-40-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@105-Ant5-1--PASS-see graph

1-N38-PC3-30-40-H-3-DFT-PI2BPSK-Outer_Full-1 00@0-Ant5-1--PASS-see graph



1-N38-PC3-30-40-H-5-CP-QPSK-Edge_1RB_Right-1 @105-Ant5-1--PASS-see graph

1-N38-PC3-30-40-H-6-CP-QPSK-Outer_Full-106 @0-Ant5-1--PASS-see graph

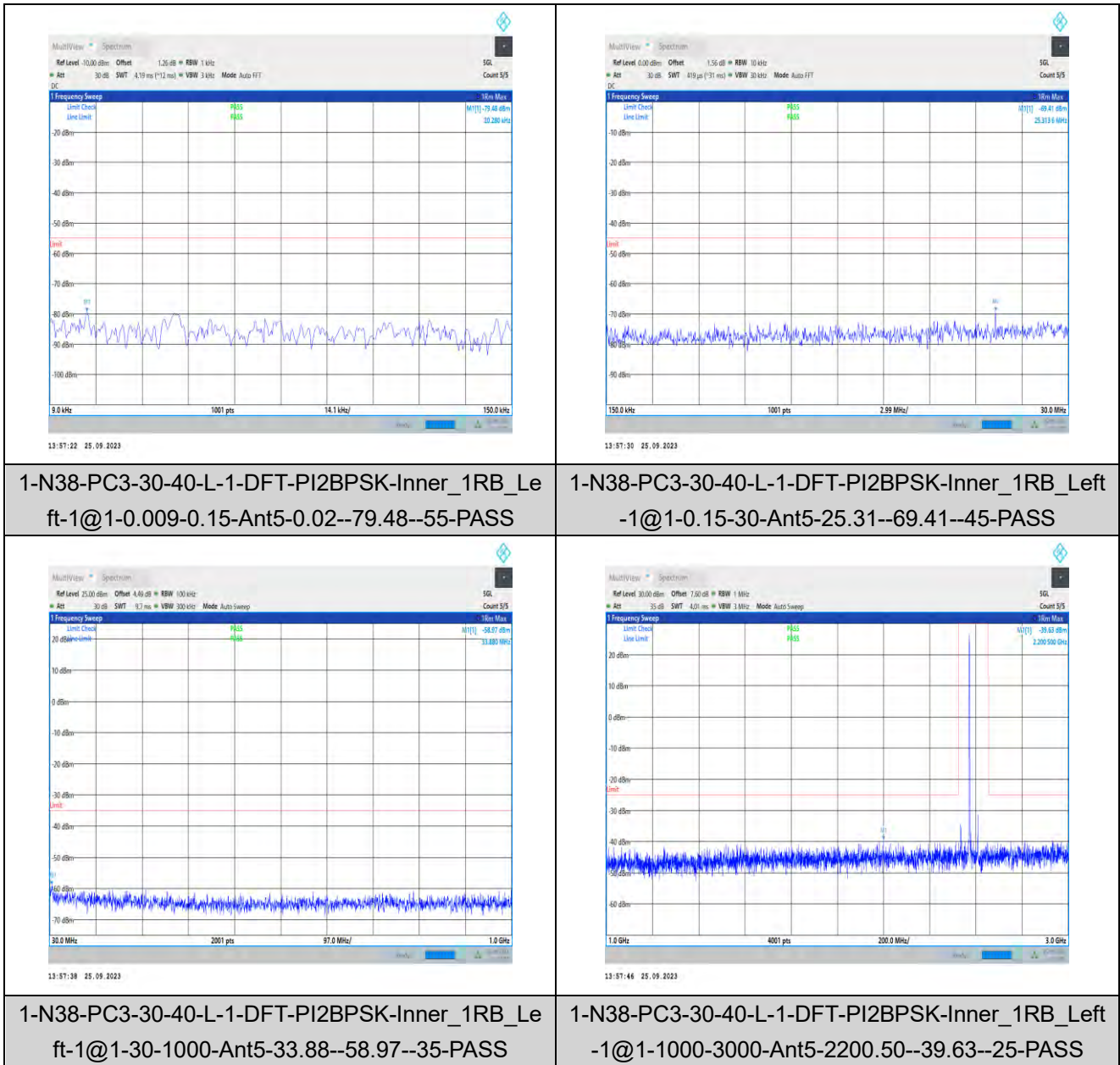


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pk01 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

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

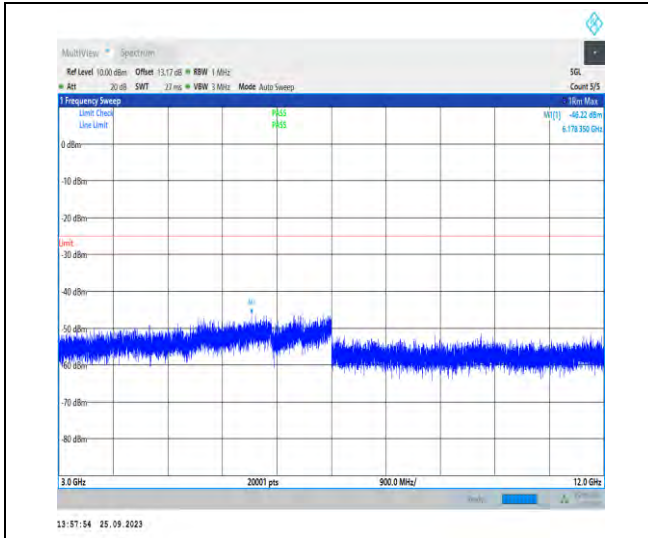
中国·苏州·中国(江苏)自由贸易试验区苏州片区工业园区润胜路1号的6号厂房南座

t (86-512) 62992980

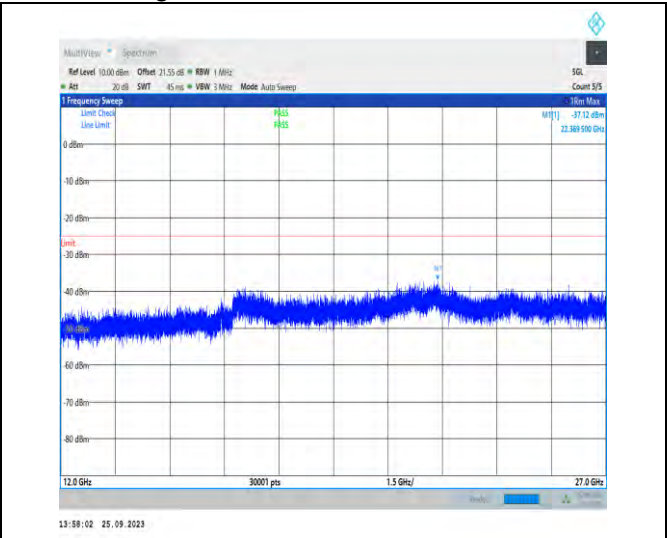
t (86-512) 62992980

www.sgs.com.cn

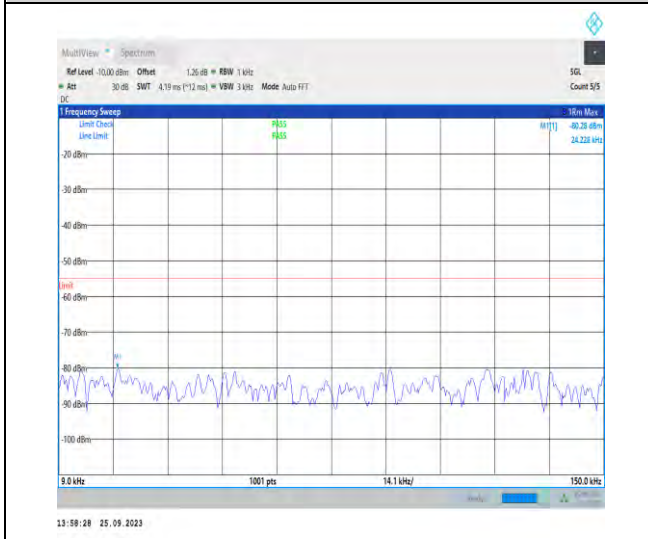
sgs.china@sgs.com



1-N38-PC3-30-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant5-6178.35--46.22--25-PASS



1-N38-PC3-30-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-27000-Ant5-22369.50--37.12--25-PASS



1-N38-PC3-30-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant5-0.02--80.28--55-PASS

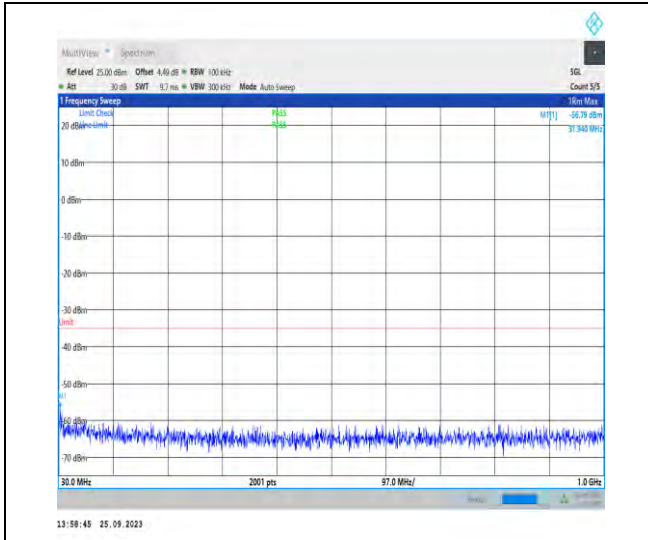


1-N38-PC3-30-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant5-29.55--71.03--45-PASS

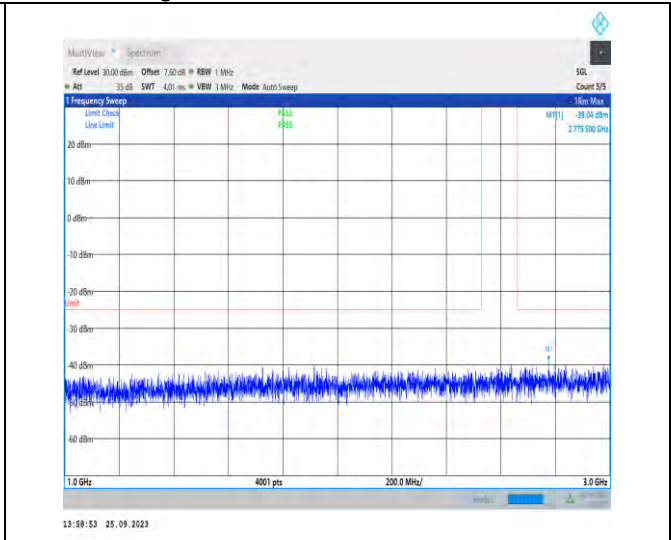


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

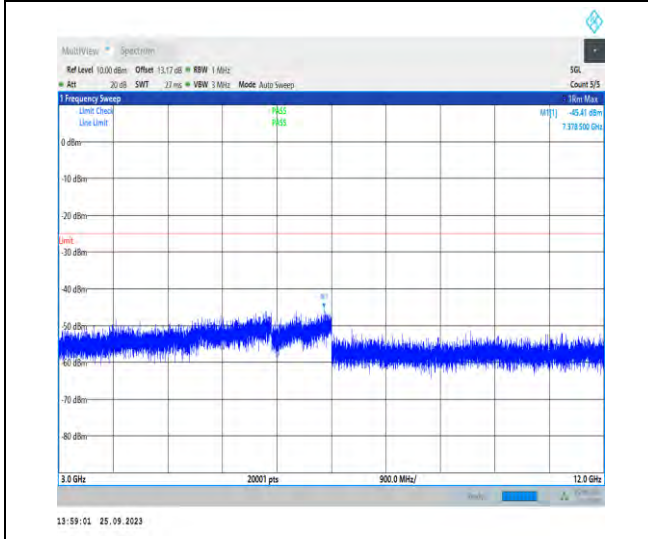
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 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



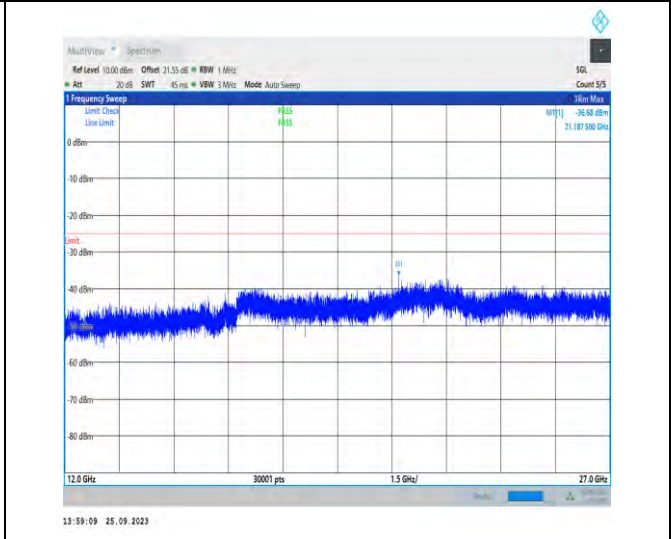
1-N38-PC3-30-40-M-1-DFT-PI2BPSK-Inner_1RB_L eft-1@1-30-1000-Ant5-31.94--56.79--35-PASS



1-N38-PC3-30-40-M-1-DFT-PI2BPSK-Inner_1RB_L ef t-1@1-1000-3000-Ant5-2775.50--39.04--25-PASS



1-N38-PC3-30-40-M-1-DFT-PI2BPSK-Inner_1RB_L eft-1@1-3000-12000-Ant5-7378.50--45.41--25-PAS S

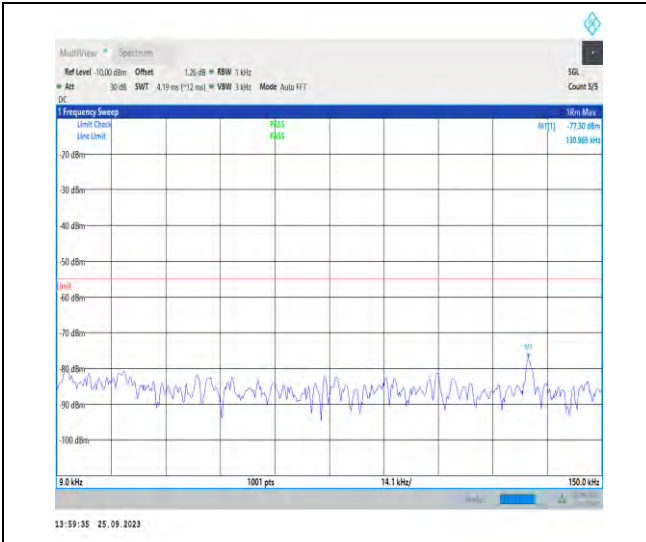


1-N38-PC3-30-40-M-1-DFT-PI2BPSK-Inner_1RB_L ef t-1@1-12000-27000-Ant5-21187.50--36.68--25-PASS

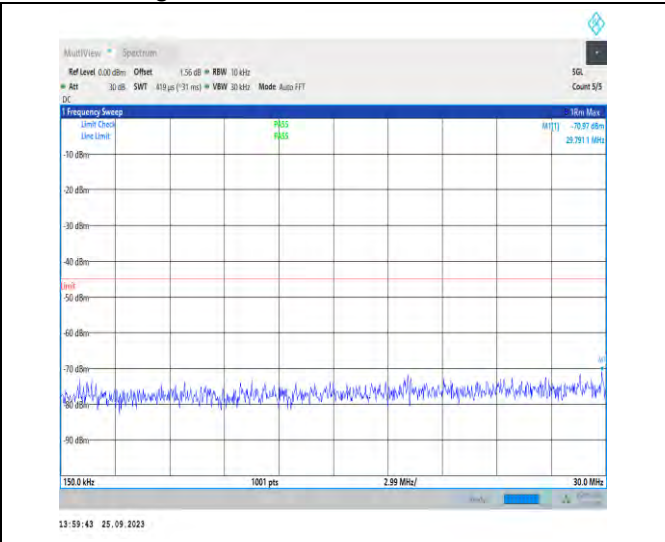


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

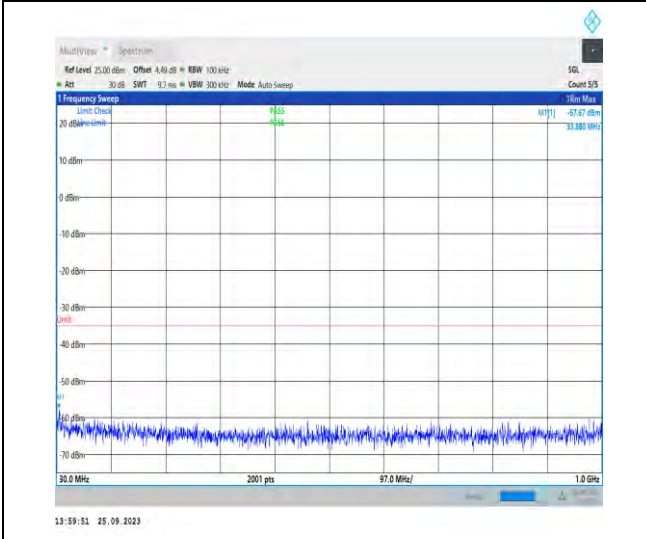
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 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号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



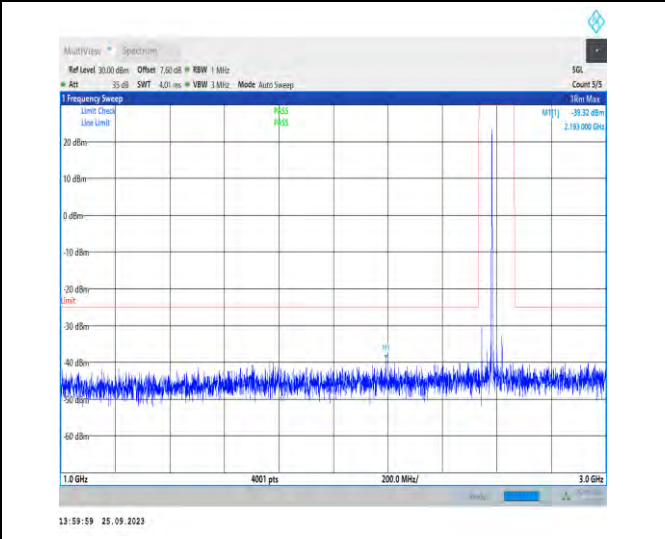
1-N38-PC3-30-40-H-1-DFT-PI2BPSK-Inner_1RB_L eft-1@1-0.009-0.15-Ant5-0.13--77.30--55-PASS



1-N38-PC3-30-40-H-1-DFT-PI2BPSK-Inner_1RB_Lef t-1@1-0.15-30-Ant5-29.79--70.97--45-PASS



1-N38-PC3-30-40-H-1-DFT-PI2BPSK-Inner_1RB_L eft-1@1-30-1000-Ant5-33.88--57.67--35-PASS

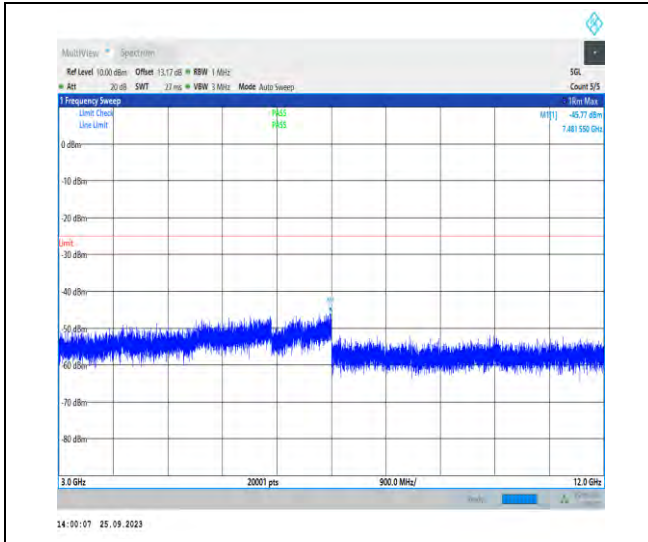


1-N38-PC3-30-40-H-1-DFT-PI2BPSK-Inner_1RB_Lef t-1@1-1000-3000-Ant5-2193.00--39.32--25-PASS

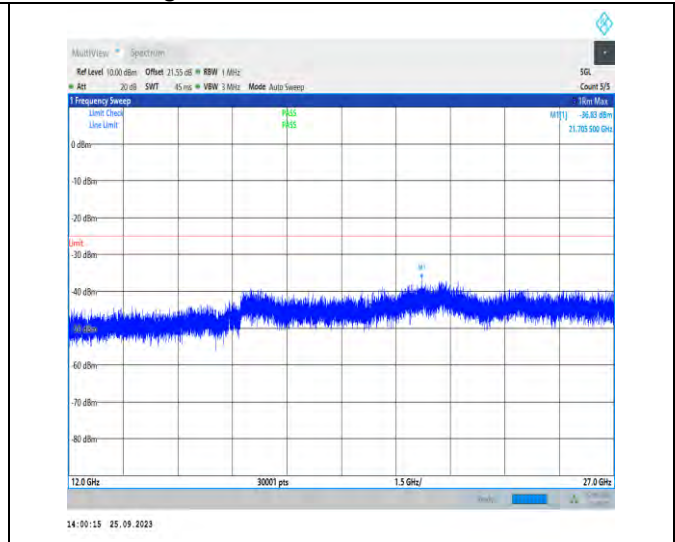


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



1-N38-PC3-30-40-H-1-DFT-PI2BPSK-Inner_1RB_L
eft-1@1-3000-12000-Ant5-7481.55--45.77--25-PAS
S



1-N38-PC3-30-40-H-1-DFT-PI2BPSK-Inner_1RB_L ef
t-1@1-12000-27000-Ant5-21705.50--36.83--25-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号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Field Strength of Spurious Radiation

Test Band = SA Band 38_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3948	45.83	-48.24	29.33	-68.34	-25.00	43.34	Horizontal
2	5144.18	43.17	-47.85	31.85	-68.09	-25.00	43.09	Horizontal
3	7716.27	42.01	-45.16	36.54	-61.87	-25.00	36.87	Horizontal
4	10288.36	39.19	-41.26	38.76	-58.57	-25.00	33.57	Horizontal
5	12860.45	36.26	-39.38	38.68	-59.69	-25.00	34.69	Horizontal
6	15432.54	36.01	-37.50	39.28	-57.47	-25.00	32.47	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4041.5	45.97	-48.13	29.47	-67.95	-25.00	42.95	Vertical
2	5144.18	44.22	-47.85	31.85	-67.04	-25.00	42.04	Vertical
3	7716.27	41.93	-45.16	36.54	-61.95	-25.00	36.95	Vertical
4	10288.36	38.60	-41.26	38.76	-59.16	-25.00	34.16	Vertical
5	12860.45	36.08	-39.38	38.68	-59.87	-25.00	34.87	Vertical
6	15432.54	35.52	-37.50	39.28	-57.96	-25.00	32.96	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.sgsgroup.com.cn
 t (86-512) 62992980 sgs.china@sgs.com

Test Band = SA Band 38_ TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3509.5	46.59	-48.29	28.71	-68.25	-25.00	43.25	Horizontal
2	5154.18	43.91	-47.86	31.87	-67.34	-25.00	42.34	Horizontal
3	7731.27	42.63	-45.12	36.52	-61.22	-25.00	36.22	Horizontal
4	10308.36	37.85	-41.16	38.78	-59.79	-25.00	34.79	Horizontal
5	12885.45	36.58	-39.41	38.67	-59.42	-25.00	34.42	Horizontal
6	15462.54	35.90	-37.76	39.22	-57.90	-25.00	32.90	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3597.5	45.54	-48.28	28.84	-69.16	-25.00	44.16	Vertical
2	5154.18	42.98	-47.86	31.87	-68.27	-25.00	43.27	Vertical
3	7731.27	41.99	-45.12	36.52	-61.86	-25.00	36.86	Vertical
4	10308.36	37.50	-41.16	38.78	-60.14	-25.00	35.14	Vertical
5	12885.45	36.72	-39.41	38.67	-59.28	-25.00	34.28	Vertical
6	15462.54	35.12	-37.76	39.22	-58.68	-25.00	33.68	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.sgsgroup.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

Test Band = SA Band 38_ TM1

Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3842.5	46.73	-48.23	29.18	-67.58	-25.00	42.58	Horizontal
2	5164.18	43.33	-47.87	31.89	-67.90	-25.00	42.90	Horizontal
3	7746.27	41.71	-45.07	36.50	-62.12	-25.00	37.12	Horizontal
4	10328.36	38.24	-41.18	38.80	-59.40	-25.00	34.40	Horizontal
5	12910.45	36.85	-39.43	38.65	-59.18	-25.00	34.18	Horizontal
6	15492.54	34.90	-38.01	39.16	-59.21	-25.00	34.21	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3556	45.52	-48.28	28.78	-69.25	-25.00	44.25	Vertical
2	5164.18	43.03	-47.87	31.89	-68.20	-25.00	43.20	Vertical
3	7746.27	41.97	-45.07	36.50	-61.86	-25.00	36.86	Vertical
4	10328.36	38.34	-41.18	38.80	-59.30	-25.00	34.30	Vertical
5	12910.45	37.37	-39.43	38.65	-58.66	-25.00	33.66	Vertical
6	15492.54	35.52	-38.01	39.16	-58.59	-25.00	33.59	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

2) All antennas of RSE are tested, and only the worst data is presented.



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.sgsgroup.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

Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	0.900000	0.000347	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	-4.700000	-0.001811	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	-1.100000	-0.000424	PASS
N38	30	40	CP-QPSK	M	Outer_Full	VH	NT	-0.300000	-0.000116	PASS
N38	30	40	CP-QPSK	M	Outer_Full	VN	NT	-3.300000	-0.001272	PASS
N38	30	40	CP-QPSK	M	Outer_Full	VL	NT	0.800000	0.000308	PASS



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

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

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

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

Frequency Error VS. Temperature

Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	0.100000	0.000039	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	-0.900000	-0.000347	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	-5.300000	-0.002042	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	0	-3.100000	-0.001195	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	10	-4.000000	-0.001541	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	20	-1.500000	-0.000578	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	30	-8.300000	-0.003198	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	40	-7.100000	-0.002736	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	50	-2.100000	-0.000809	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-30	-0.200000	-0.000077	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-20	-1.400000	-0.000539	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-10	-1.100000	-0.000424	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	0	-1.500000	-0.000578	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	10	3.900000	0.001503	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	20	1.200000	0.000462	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	30	-1.500000	-0.000578	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	40	-2.000000	-0.000771	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	50	-3.000000	-0.001156	PASS

---End of Attachment---



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

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