

# Appendix B.14

## 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](mailto: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](http://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号厂房南面 邮编: 215000

t (86-512) 62992980 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## Effective (Isotropic) Radiated Power Output Data for SA

### Test Result

#### ANT1:

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	LIMIT	Verdict
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.81	21.41	33	PASS
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.6	21.2	33	PASS
N38	30	20	DFT-PI2BPSK	L	Outer_Full	23.32	20.92	33	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Left	23.87	21.47	33	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Right	23.67	21.27	33	PASS
N38	30	20	DFT-QPSK	L	Outer_Full	22.81	20.41	33	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Left	22.97	20.57	33	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Right	22.68	20.28	33	PASS
N38	30	20	DFT-16QAM	L	Outer_Full	22.89	20.49	33	PASS
N38	30	20	DFT-64QAM	L	Inner_1RB_Left	20.96	18.56	33	PASS
N38	30	20	DFT-64QAM	L	Inner_1RB_Right	20.73	18.33	33	PASS
N38	30	20	DFT-64QAM	L	Outer_Full	21.32	18.92	33	PASS
N38	30	20	DFT-256QAM	L	Inner_1RB_Left	19.26	16.86	33	PASS
N38	30	20	DFT-256QAM	L	Inner_1RB_Right	19.08	16.68	33	PASS
N38	30	20	DFT-256QAM	L	Outer_Full	19.26	16.86	33	PASS
N38	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.68	21.28	33	PASS
N38	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.94	21.54	33	PASS
N38	30	20	DFT-PI2BPSK	M	Outer_Full	23.37	20.97	33	PASS
N38	30	20	DFT-QPSK	M	Inner_1RB_Left	23.74	21.34	33	PASS
N38	30	20	DFT-QPSK	M	Inner_1RB_Right	23.98	21.58	33	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	22.82	20.42	33	PASS
N38	30	20	DFT-16QAM	M	Inner_1RB_Left	22.65	20.25	33	PASS
N38	30	20	DFT-16QAM	M	Inner_1RB_Right	23.15	20.75	33	PASS
N38	30	20	DFT-16QAM	M	Outer_Full	22.45	20.05	33	PASS
N38	30	20	DFT-64QAM	M	Inner_1RB_Left	20.77	18.37	33	PASS
N38	30	20	DFT-64QAM	M	Inner_1RB_Right	20.96	18.56	33	PASS
N38	30	20	DFT-64QAM	M	Outer_Full	21.35	18.95	33	PASS
N38	30	20	DFT-256QAM	M	Inner_1RB_Left	19.04	16.64	33	PASS
N38	30	20	DFT-256QAM	M	Inner_1RB_Right	19.33	16.93	33	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained 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](mailto: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

N38	30	20	DFT-256QAM	M	Outer_Full	19.32	16.92	33	PASS
N38	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.83	21.43	33	PASS
N38	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.97	21.57	33	PASS
N38	30	20	DFT-PI2BPSK	H	Outer_Full	23.5	21.1	33	PASS
N38	30	20	DFT-QPSK	H	Inner_1RB_Left	23.89	21.49	33	PASS
N38	30	20	DFT-QPSK	H	Inner_1RB_Right	24.05	21.65	33	PASS
N38	30	20	DFT-QPSK	H	Outer_Full	23.02	20.62	33	PASS
N38	30	20	DFT-16QAM	H	Inner_1RB_Left	22.92	20.52	33	PASS
N38	30	20	DFT-16QAM	H	Inner_1RB_Right	23.18	20.78	33	PASS
N38	30	20	DFT-16QAM	H	Outer_Full	22.63	20.23	33	PASS
N38	30	20	DFT-64QAM	H	Inner_1RB_Left	20.82	18.42	33	PASS
N38	30	20	DFT-64QAM	H	Inner_1RB_Right	21.18	18.78	33	PASS
N38	30	20	DFT-64QAM	H	Outer_Full	21.54	19.14	33	PASS
N38	30	20	DFT-256QAM	H	Inner_1RB_Left	19.24	16.84	33	PASS
N38	30	20	DFT-256QAM	H	Inner_1RB_Right	19.51	17.11	33	PASS
N38	30	20	DFT-256QAM	H	Outer_Full	19.46	17.06	33	PASS
N38	30	30	DFT-PI2BPSK	L	Inner_1RB_Left	23.88	21.48	33	PASS
N38	30	30	DFT-PI2BPSK	L	Inner_1RB_Right	23.9	21.5	33	PASS
N38	30	30	DFT-PI2BPSK	L	Outer_Full	23.33	20.93	33	PASS
N38	30	30	DFT-QPSK	L	Inner_1RB_Left	23.92	21.52	33	PASS
N38	30	30	DFT-QPSK	L	Inner_1RB_Right	23.95	21.55	33	PASS
N38	30	30	DFT-QPSK	L	Outer_Full	22.81	20.41	33	PASS
N38	30	30	DFT-16QAM	L	Inner_1RB_Left	22.98	20.58	33	PASS
N38	30	30	DFT-16QAM	L	Inner_1RB_Right	22.94	20.54	33	PASS
N38	30	30	DFT-16QAM	L	Outer_Full	22.54	20.14	33	PASS
N38	30	30	DFT-64QAM	L	Inner_1RB_Left	21.07	18.67	33	PASS
N38	30	30	DFT-64QAM	L	Inner_1RB_Right	20.98	18.58	33	PASS
N38	30	30	DFT-64QAM	L	Outer_Full	21.33	18.93	33	PASS
N38	30	30	DFT-256QAM	L	Inner_1RB_Left	19.33	16.93	33	PASS
N38	30	30	DFT-256QAM	L	Inner_1RB_Right	19.34	16.94	33	PASS
N38	30	30	DFT-256QAM	L	Outer_Full	19.32	16.92	33	PASS
N38	30	30	DFT-PI2BPSK	M	Inner_1RB_Left	23.74	21.34	33	PASS
N38	30	30	DFT-PI2BPSK	M	Inner_1RB_Right	24.12	21.72	33	PASS
N38	30	30	DFT-PI2BPSK	M	Outer_Full	23.38	20.98	33	PASS
N38	30	30	DFT-QPSK	M	Inner_1RB_Left	23.75	21.35	33	PASS
N38	30	30	DFT-QPSK	M	Inner_1RB_Right	24.17	21.77	33	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	22.91	20.51	33	PASS
N38	30	30	DFT-16QAM	M	Inner_1RB_Left	22.84	20.44	33	PASS



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

N38	30	30	DFT-16QAM	M	Inner_1RB_Right	23.19	20.79	33	PASS
N38	30	30	DFT-16QAM	M	Outer_Full	22.63	20.23	33	PASS
N38	30	30	DFT-64QAM	M	Inner_1RB_Left	20.73	18.33	33	PASS
N38	30	30	DFT-64QAM	M	Inner_1RB_Right	21.2	18.8	33	PASS
N38	30	30	DFT-64QAM	M	Outer_Full	21.42	19.02	33	PASS
N38	30	30	DFT-256QAM	M	Inner_1RB_Left	19.14	16.74	33	PASS
N38	30	30	DFT-256QAM	M	Inner_1RB_Right	19.53	17.13	33	PASS
N38	30	30	DFT-256QAM	M	Outer_Full	19.38	16.98	33	PASS
N38	30	30	DFT-PI2BPSK	H	Inner_1RB_Left	23.73	21.33	33	PASS
N38	30	30	DFT-PI2BPSK	H	Inner_1RB_Right	24.31	21.91	33	PASS
N38	30	30	DFT-PI2BPSK	H	Outer_Full	23.61	21.21	33	PASS
N38	30	30	DFT-QPSK	H	Inner_1RB_Left	23.86	21.46	33	PASS
N38	30	30	DFT-QPSK	H	Inner_1RB_Right	24.25	21.85	33	PASS
N38	30	30	DFT-QPSK	H	Outer_Full	23.1	20.7	33	PASS
N38	30	30	DFT-16QAM	H	Inner_1RB_Left	22.89	20.49	33	PASS
N38	30	30	DFT-16QAM	H	Inner_1RB_Right	23.36	20.96	33	PASS
N38	30	30	DFT-16QAM	H	Outer_Full	22.45	20.05	33	PASS
N38	30	30	DFT-64QAM	H	Inner_1RB_Left	20.8	18.4	33	PASS
N38	30	30	DFT-64QAM	H	Inner_1RB_Right	21.26	18.86	33	PASS
N38	30	30	DFT-64QAM	H	Outer_Full	21.6	19.2	33	PASS
N38	30	30	DFT-256QAM	H	Inner_1RB_Left	19.18	16.78	33	PASS
N38	30	30	DFT-256QAM	H	Inner_1RB_Right	19.67	17.27	33	PASS
N38	30	30	DFT-256QAM	H	Outer_Full	19.59	17.19	33	PASS
N38	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	23.98	21.58	33	PASS
N38	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	24.09	21.69	33	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	23.42	21.02	33	PASS
N38	30	40	DFT-QPSK	L	Inner_1RB_Left	23.96	21.56	33	PASS
N38	30	40	DFT-QPSK	L	Inner_1RB_Right	24.19	21.79	33	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	22.89	20.49	33	PASS
N38	30	40	DFT-16QAM	L	Inner_1RB_Left	23.06	20.66	33	PASS
N38	30	40	DFT-16QAM	L	Inner_1RB_Right	23.3	20.9	33	PASS
N38	30	40	DFT-16QAM	L	Outer_Full	22.63	20.23	33	PASS
N38	30	40	DFT-64QAM	L	Inner_1RB_Left	20.86	18.46	33	PASS
N38	30	40	DFT-64QAM	L	Inner_1RB_Right	21.13	18.73	33	PASS
N38	30	40	DFT-64QAM	L	Outer_Full	21.42	19.02	33	PASS
N38	30	40	DFT-256QAM	L	Inner_1RB_Left	19.28	16.88	33	PASS
N38	30	40	DFT-256QAM	L	Inner_1RB_Right	19.47	17.07	33	PASS
N38	30	40	DFT-256QAM	L	Outer_Full	19.45	17.05	33	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained 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](mailto: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



N38	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	23.96	21.56	33	PASS
N38	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	24.18	21.78	33	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	23.43	21.03	33	PASS
N38	30	40	DFT-QPSK	M	Inner_1RB_Left	23.89	21.49	33	PASS
N38	30	40	DFT-QPSK	M	Inner_1RB_Right	24.17	21.77	33	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	22.92	20.52	33	PASS
N38	30	40	DFT-16QAM	M	Inner_1RB_Left	23.02	20.62	33	PASS
N38	30	40	DFT-16QAM	M	Inner_1RB_Right	23.18	20.78	33	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	22.45	20.05	33	PASS
N38	30	40	DFT-64QAM	M	Inner_1RB_Left	21.06	18.66	33	PASS
N38	30	40	DFT-64QAM	M	Inner_1RB_Right	21.33	18.93	33	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	21.44	19.04	33	PASS
N38	30	40	DFT-256QAM	M	Inner_1RB_Left	19.28	16.88	33	PASS
N38	30	40	DFT-256QAM	M	Inner_1RB_Right	19.56	17.16	33	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	19.41	17.01	33	PASS
N38	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	23.91	21.51	33	PASS
N38	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	24.26	21.86	33	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	23.62	21.22	33	PASS
N38	30	40	DFT-QPSK	H	Inner_1RB_Left	23.88	21.48	33	PASS
N38	30	40	DFT-QPSK	H	Inner_1RB_Right	24.22	21.82	33	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	23.02	20.62	33	PASS
N38	30	40	DFT-16QAM	H	Inner_1RB_Left	22.91	20.51	33	PASS
N38	30	40	DFT-16QAM	H	Inner_1RB_Right	23.32	20.92	33	PASS
N38	30	40	DFT-16QAM	H	Outer_Full	22.36	19.96	33	PASS
N38	30	40	DFT-64QAM	H	Inner_1RB_Left	20.84	18.44	33	PASS
N38	30	40	DFT-64QAM	H	Inner_1RB_Right	21.22	18.82	33	PASS
N38	30	40	DFT-64QAM	H	Outer_Full	21.53	19.13	33	PASS
N38	30	40	DFT-256QAM	H	Inner_1RB_Left	19.21	16.81	33	PASS
N38	30	40	DFT-256QAM	H	Inner_1RB_Right	19.59	17.19	33	PASS
N38	30	40	DFT-256QAM	H	Outer_Full	19.46	17.06	33	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained 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](mailto:CN.Doccheck@sgs.com)

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

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

**ANTO:**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	LIMIT	Verdict
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.81	24.01	33	PASS
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.6	23.8	33	PASS
N38	30	20	DFT-PI2BPSK	L	Outer_Full	23.32	23.52	33	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Left	23.87	24.07	33	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Right	23.67	23.87	33	PASS
N38	30	20	DFT-QPSK	L	Outer_Full	22.81	23.01	33	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Left	22.97	23.17	33	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Right	22.68	22.88	33	PASS
N38	30	20	DFT-16QAM	L	Outer_Full	22.89	23.09	33	PASS
N38	30	20	DFT-64QAM	L	Inner_1RB_Left	20.96	21.16	33	PASS
N38	30	20	DFT-64QAM	L	Inner_1RB_Right	20.73	20.93	33	PASS
N38	30	20	DFT-64QAM	L	Outer_Full	21.32	21.52	33	PASS
N38	30	20	DFT-256QAM	L	Inner_1RB_Left	19.26	19.46	33	PASS
N38	30	20	DFT-256QAM	L	Inner_1RB_Right	19.08	19.28	33	PASS
N38	30	20	DFT-256QAM	L	Outer_Full	19.26	19.46	33	PASS
N38	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.68	23.88	33	PASS
N38	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.94	24.14	33	PASS
N38	30	20	DFT-PI2BPSK	M	Outer_Full	23.37	23.57	33	PASS
N38	30	20	DFT-QPSK	M	Inner_1RB_Left	23.74	23.94	33	PASS
N38	30	20	DFT-QPSK	M	Inner_1RB_Right	23.98	24.18	33	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	22.82	23.02	33	PASS
N38	30	20	DFT-16QAM	M	Inner_1RB_Left	22.65	22.85	33	PASS
N38	30	20	DFT-16QAM	M	Inner_1RB_Right	23.15	23.35	33	PASS
N38	30	20	DFT-16QAM	M	Outer_Full	22.45	22.65	33	PASS
N38	30	20	DFT-64QAM	M	Inner_1RB_Left	20.77	20.97	33	PASS
N38	30	20	DFT-64QAM	M	Inner_1RB_Right	20.96	21.16	33	PASS
N38	30	20	DFT-64QAM	M	Outer_Full	21.35	21.55	33	PASS
N38	30	20	DFT-256QAM	M	Inner_1RB_Left	19.04	19.24	33	PASS
N38	30	20	DFT-256QAM	M	Inner_1RB_Right	19.33	19.53	33	PASS
N38	30	20	DFT-256QAM	M	Outer_Full	19.32	19.52	33	PASS
N38	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.83	24.03	33	PASS
N38	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.97	24.17	33	PASS
N38	30	20	DFT-PI2BPSK	H	Outer_Full	23.5	23.7	33	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained 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](mailto: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



N38	30	20	DFT-QPSK	H	Inner_1RB_Left	23.89	24.09	33	PASS
N38	30	20	DFT-QPSK	H	Inner_1RB_Right	24.05	24.25	33	PASS
N38	30	20	DFT-QPSK	H	Outer_Full	23.02	23.22	33	PASS
N38	30	20	DFT-16QAM	H	Inner_1RB_Left	22.92	23.12	33	PASS
N38	30	20	DFT-16QAM	H	Inner_1RB_Right	23.18	23.38	33	PASS
N38	30	20	DFT-16QAM	H	Outer_Full	22.63	22.83	33	PASS
N38	30	20	DFT-64QAM	H	Inner_1RB_Left	20.82	21.02	33	PASS
N38	30	20	DFT-64QAM	H	Inner_1RB_Right	21.18	21.38	33	PASS
N38	30	20	DFT-64QAM	H	Outer_Full	21.54	21.74	33	PASS
N38	30	20	DFT-256QAM	H	Inner_1RB_Left	19.24	19.44	33	PASS
N38	30	20	DFT-256QAM	H	Inner_1RB_Right	19.51	19.71	33	PASS
N38	30	20	DFT-256QAM	H	Outer_Full	19.46	19.66	33	PASS
N38	30	30	DFT-PI2BPSK	L	Inner_1RB_Left	23.88	24.08	33	PASS
N38	30	30	DFT-PI2BPSK	L	Inner_1RB_Right	23.9	24.1	33	PASS
N38	30	30	DFT-PI2BPSK	L	Outer_Full	23.33	23.53	33	PASS
N38	30	30	DFT-QPSK	L	Inner_1RB_Left	23.92	24.12	33	PASS
N38	30	30	DFT-QPSK	L	Inner_1RB_Right	23.95	24.15	33	PASS
N38	30	30	DFT-QPSK	L	Outer_Full	22.81	23.01	33	PASS
N38	30	30	DFT-16QAM	L	Inner_1RB_Left	22.98	23.18	33	PASS
N38	30	30	DFT-16QAM	L	Inner_1RB_Right	22.94	23.14	33	PASS
N38	30	30	DFT-16QAM	L	Outer_Full	22.54	22.74	33	PASS
N38	30	30	DFT-64QAM	L	Inner_1RB_Left	21.07	21.27	33	PASS
N38	30	30	DFT-64QAM	L	Inner_1RB_Right	20.98	21.18	33	PASS
N38	30	30	DFT-64QAM	L	Outer_Full	21.33	21.53	33	PASS
N38	30	30	DFT-256QAM	L	Inner_1RB_Left	19.33	19.53	33	PASS
N38	30	30	DFT-256QAM	L	Inner_1RB_Right	19.34	19.54	33	PASS
N38	30	30	DFT-256QAM	L	Outer_Full	19.32	19.52	33	PASS
N38	30	30	DFT-PI2BPSK	M	Inner_1RB_Left	23.74	23.94	33	PASS
N38	30	30	DFT-PI2BPSK	M	Inner_1RB_Right	24.12	24.32	33	PASS
N38	30	30	DFT-PI2BPSK	M	Outer_Full	23.38	23.58	33	PASS
N38	30	30	DFT-QPSK	M	Inner_1RB_Left	23.75	23.95	33	PASS
N38	30	30	DFT-QPSK	M	Inner_1RB_Right	24.17	24.37	33	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	22.91	23.11	33	PASS
N38	30	30	DFT-16QAM	M	Inner_1RB_Left	22.84	23.04	33	PASS
N38	30	30	DFT-16QAM	M	Inner_1RB_Right	23.19	23.39	33	PASS
N38	30	30	DFT-16QAM	M	Outer_Full	22.63	22.83	33	PASS
N38	30	30	DFT-64QAM	M	Inner_1RB_Left	20.73	20.93	33	PASS
N38	30	30	DFT-64QAM	M	Inner_1RB_Right	21.2	21.4	33	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained 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](mailto: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





N38	30	30	DFT-64QAM	M	Outer_Full	21.42	21.62	33	PASS
N38	30	30	DFT-256QAM	M	Inner_1RB_Left	19.14	19.34	33	PASS
N38	30	30	DFT-256QAM	M	Inner_1RB_Right	19.53	19.73	33	PASS
N38	30	30	DFT-256QAM	M	Outer_Full	19.38	19.58	33	PASS
N38	30	30	DFT-PI2BPSK	H	Inner_1RB_Left	23.73	23.93	33	PASS
N38	30	30	DFT-PI2BPSK	H	Inner_1RB_Right	24.31	24.51	33	PASS
N38	30	30	DFT-PI2BPSK	H	Outer_Full	23.61	23.81	33	PASS
N38	30	30	DFT-QPSK	H	Inner_1RB_Left	23.86	24.06	33	PASS
N38	30	30	DFT-QPSK	H	Inner_1RB_Right	24.25	24.45	33	PASS
N38	30	30	DFT-QPSK	H	Outer_Full	23.1	23.3	33	PASS
N38	30	30	DFT-16QAM	H	Inner_1RB_Left	22.89	23.09	33	PASS
N38	30	30	DFT-16QAM	H	Inner_1RB_Right	23.36	23.56	33	PASS
N38	30	30	DFT-16QAM	H	Outer_Full	22.45	22.65	33	PASS
N38	30	30	DFT-64QAM	H	Inner_1RB_Left	20.8	21	33	PASS
N38	30	30	DFT-64QAM	H	Inner_1RB_Right	21.26	21.46	33	PASS
N38	30	30	DFT-64QAM	H	Outer_Full	21.6	21.8	33	PASS
N38	30	30	DFT-256QAM	H	Inner_1RB_Left	19.18	19.38	33	PASS
N38	30	30	DFT-256QAM	H	Inner_1RB_Right	19.67	19.87	33	PASS
N38	30	30	DFT-256QAM	H	Outer_Full	19.59	19.79	33	PASS
N38	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	23.98	24.18	33	PASS
N38	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	24.09	24.29	33	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	23.42	23.62	33	PASS
N38	30	40	DFT-QPSK	L	Inner_1RB_Left	23.96	24.16	33	PASS
N38	30	40	DFT-QPSK	L	Inner_1RB_Right	24.19	24.39	33	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	22.89	23.09	33	PASS
N38	30	40	DFT-16QAM	L	Inner_1RB_Left	23.06	23.26	33	PASS
N38	30	40	DFT-16QAM	L	Inner_1RB_Right	23.3	23.5	33	PASS
N38	30	40	DFT-16QAM	L	Outer_Full	22.63	22.83	33	PASS
N38	30	40	DFT-64QAM	L	Inner_1RB_Left	20.86	21.06	33	PASS
N38	30	40	DFT-64QAM	L	Inner_1RB_Right	21.13	21.33	33	PASS
N38	30	40	DFT-64QAM	L	Outer_Full	21.42	21.62	33	PASS
N38	30	40	DFT-256QAM	L	Inner_1RB_Left	19.28	19.48	33	PASS
N38	30	40	DFT-256QAM	L	Inner_1RB_Right	19.47	19.67	33	PASS
N38	30	40	DFT-256QAM	L	Outer_Full	19.45	19.65	33	PASS
N38	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	23.96	24.16	33	PASS
N38	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	24.18	24.38	33	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	23.43	23.63	33	PASS
N38	30	40	DFT-QPSK	M	Inner_1RB_Left	23.89	24.09	33	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained 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](mailto: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



N38	30	40	DFT-QPSK	M	Inner_1RB_Right	24.17	24.37	33	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	22.92	23.12	33	PASS
N38	30	40	DFT-16QAM	M	Inner_1RB_Left	23.02	23.22	33	PASS
N38	30	40	DFT-16QAM	M	Inner_1RB_Right	23.18	23.38	33	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	22.45	22.65	33	PASS
N38	30	40	DFT-64QAM	M	Inner_1RB_Left	21.06	21.26	33	PASS
N38	30	40	DFT-64QAM	M	Inner_1RB_Right	21.33	21.53	33	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	21.44	21.64	33	PASS
N38	30	40	DFT-256QAM	M	Inner_1RB_Left	19.28	19.48	33	PASS
N38	30	40	DFT-256QAM	M	Inner_1RB_Right	19.56	19.76	33	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	19.41	19.61	33	PASS
N38	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	23.91	24.11	33	PASS
N38	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	24.26	24.46	33	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	23.62	23.82	33	PASS
N38	30	40	DFT-QPSK	H	Inner_1RB_Left	23.88	24.08	33	PASS
N38	30	40	DFT-QPSK	H	Inner_1RB_Right	24.22	24.42	33	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	23.02	23.22	33	PASS
N38	30	40	DFT-16QAM	H	Inner_1RB_Left	22.91	23.11	33	PASS
N38	30	40	DFT-16QAM	H	Inner_1RB_Right	23.32	23.52	33	PASS
N38	30	40	DFT-16QAM	H	Outer_Full	22.36	22.56	33	PASS
N38	30	40	DFT-64QAM	H	Inner_1RB_Left	20.84	21.04	33	PASS
N38	30	40	DFT-64QAM	H	Inner_1RB_Right	21.22	21.42	33	PASS
N38	30	40	DFT-64QAM	H	Outer_Full	21.53	21.73	33	PASS
N38	30	40	DFT-256QAM	H	Inner_1RB_Left	19.21	19.41	33	PASS
N38	30	40	DFT-256QAM	H	Inner_1RB_Right	19.59	19.79	33	PASS
N38	30	40	DFT-256QAM	H	Outer_Full	19.46	19.66	33	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained 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](mailto: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号厂房南面 邮编: 215000

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

## Peak-to-Average Ratio for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N38	30	40	DFT-256QAM	L	Outer_Full	19.4%	7.12	2.33	≤13	PASS
N38	30	40	CP-256QAM	L	Outer_Full	19.4%	7.12	2.53	≤13	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	19.4%	7.12	2.62	≤13	PASS
N38	30	40	CP-256QAM	M	Outer_Full	19.4%	7.12	2.96	≤13	PASS
N38	30	40	DFT-256QAM	H	Outer_Full	19.4%	7.12	2.76	≤13	PASS
N38	30	40	CP-256QAM	H	Outer_Full	19.4%	7.12	3.17	≤13	PASS



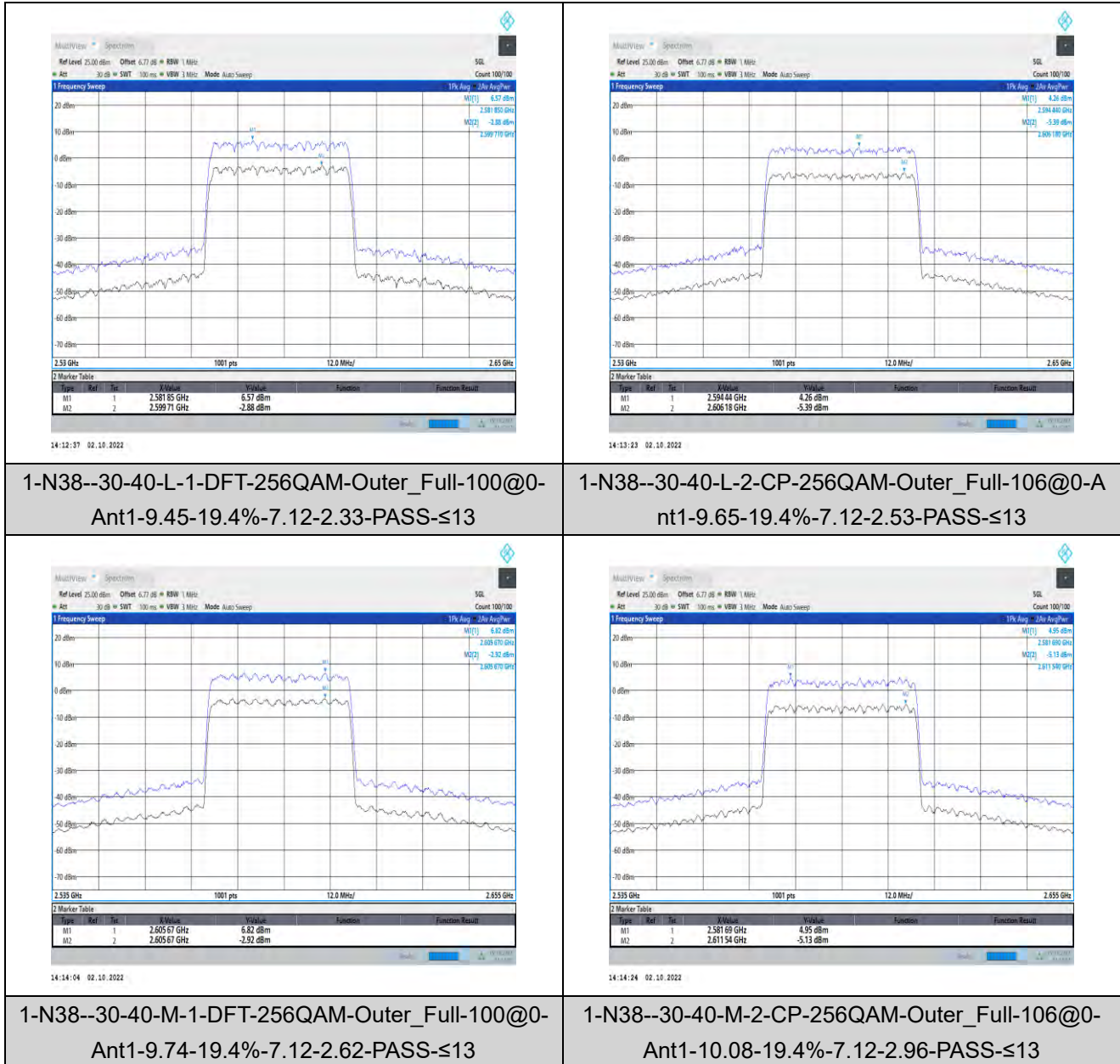
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

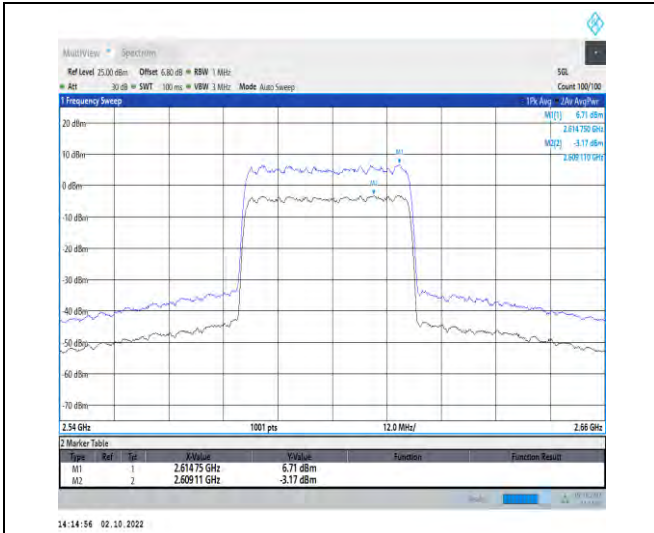
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

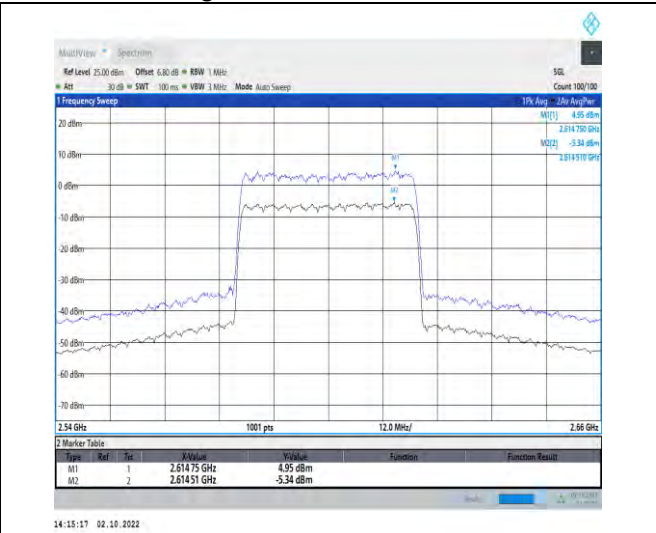
Test Graphs







1-N38--30-40-H-1-DFT-256QAM-Outer\_Full-100@0-Ant1-9.88-19.4%-7.12-2.76-PASS-≤13



1-N38--30-40-H-2-CP-256QAM-Outer\_Full-106@0-Ant1-10.29-19.4%-7.12-3.17-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](mailto: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



## Modulation characteristics for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N38	30	40	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	see graph	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	see graph	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	see graph	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	see graph	PASS
N38	30	40	CP-QPSK	M	Outer_Full	see graph	PASS
N38	30	40	CP-16QAM	M	Outer_Full	see graph	PASS
N38	30	40	CP-64QAM	M	Outer_Full	see graph	PASS
N38	30	40	CP-256QAM	M	Outer_Full	see graph	PASS



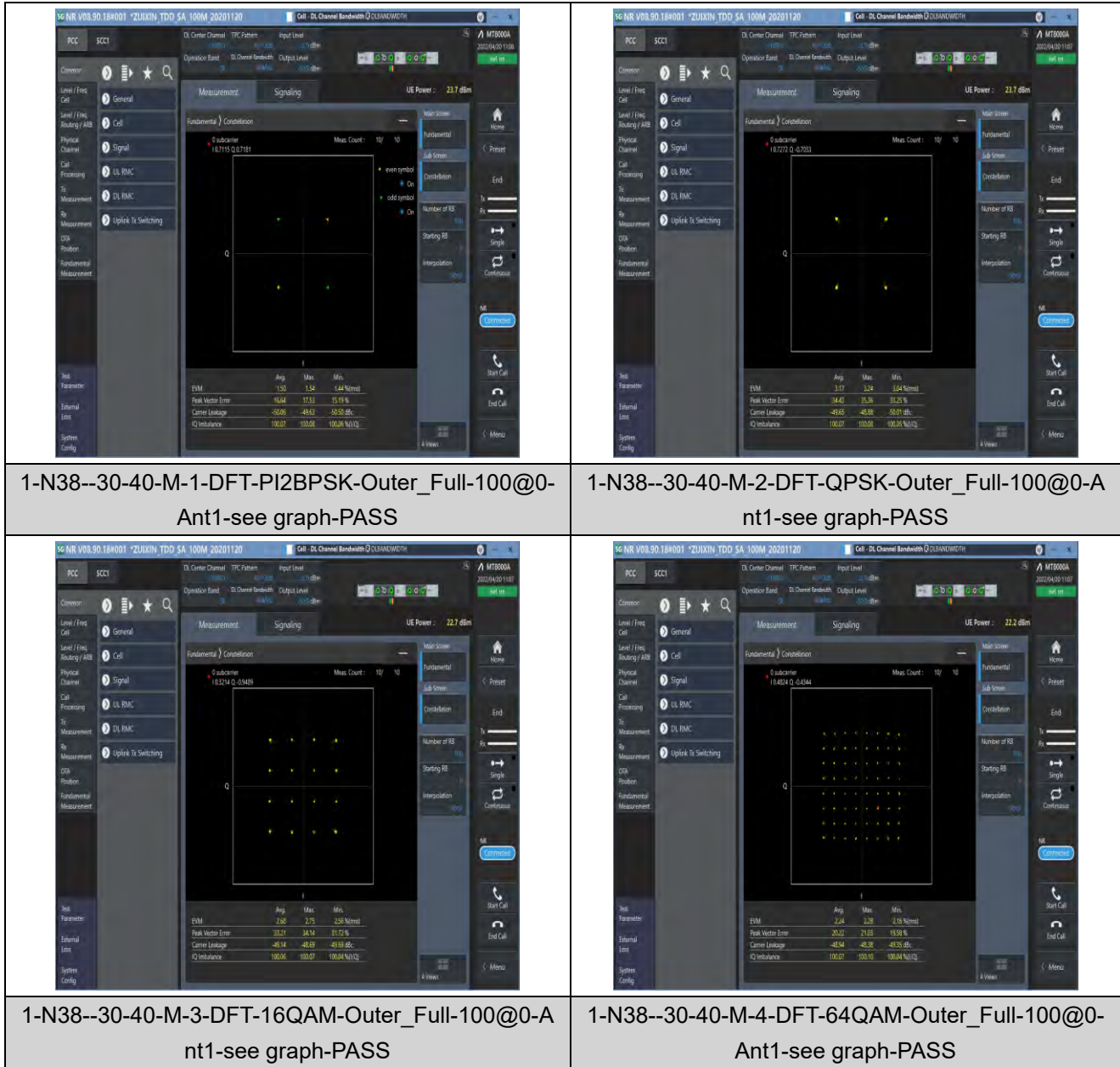
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto: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号厂房南面 邮编: 215000

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

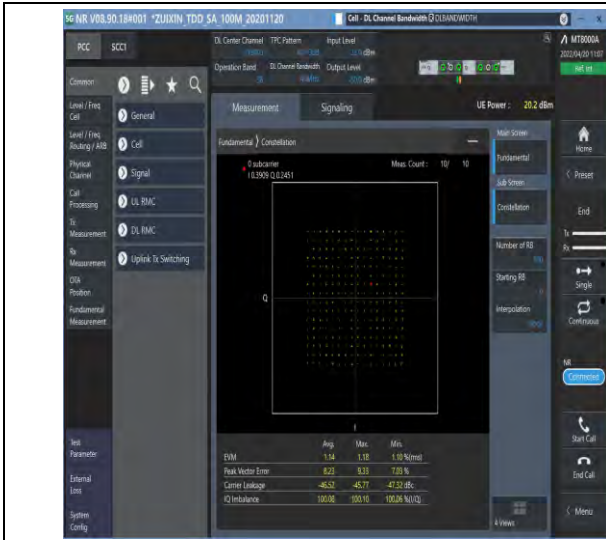
Test Graphs



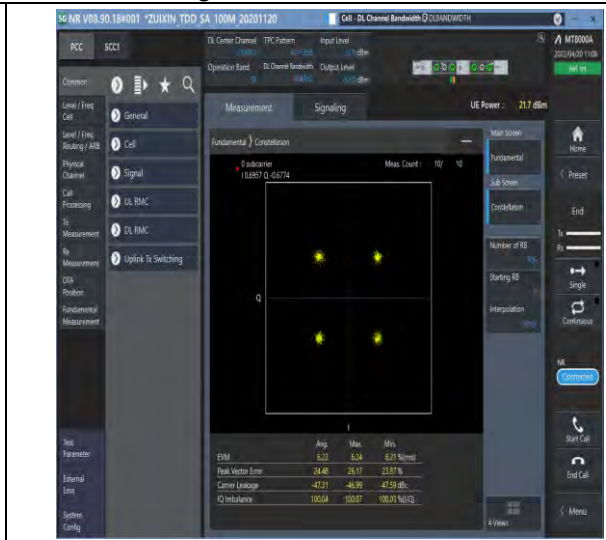
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

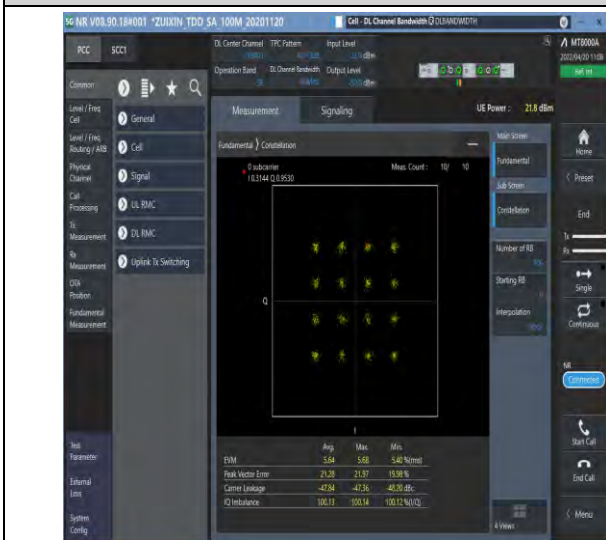
South of No. 6 Plant, No. 1, Runshang Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



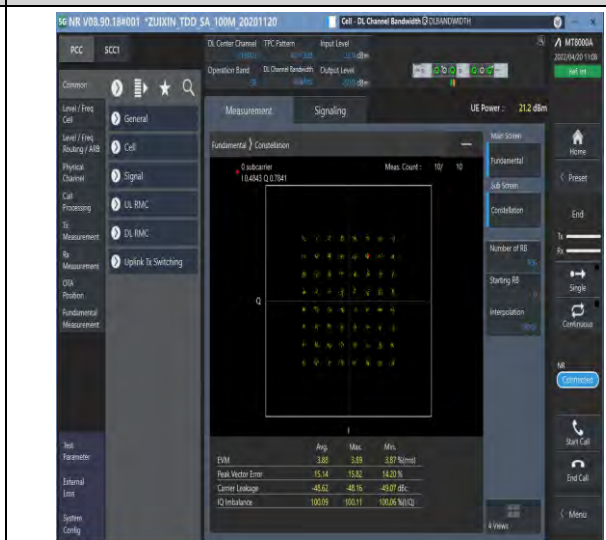
1-N38--30-40-M-5-DFT-256QAM-Outer\_Full-100@0-Ant1-see graph-PASS



1-N38--30-40-M-6-CP-QPSK-Outer\_Full-106@0-Ant1-see graph-PASS



1-N38--30-40-M-7-CP-16QAM-Outer\_Full-106@0-Ant1-see graph-PASS



1-N38--30-40-M-8-CP-64QAM-Outer\_Full-106@0-Ant1-see graph-PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto: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号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



<p>1-N38--30-40-M-9-CP-256QAM-Outer_Full-106@0-A nt1-see graph-PASS</p>	



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](mailto: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号厂房南面 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	20	DFT-QPSK	L	Outer_Full	17.831	18.920	PASS
N38	30	20	DFT-PI2BPSK	L	Outer_Full	17.843	18.840	PASS
N38	30	20	DFT-16QAM	L	Outer_Full	17.726	18.680	PASS
N38	30	20	DFT-64QAM	L	Outer_Full	17.901	18.800	PASS
N38	30	20	DFT-256QAM	L	Outer_Full	17.807	19.000	PASS
N38	30	20	CP-QPSK	L	Outer_Full	17.831	18.920	PASS
N38	30	20	CP-16QAM	L	Outer_Full	18.238	19.320	PASS
N38	30	20	CP-64QAM	L	Outer_Full	18.179	19.360	PASS
N38	30	20	CP-256QAM	L	Outer_Full	18.285	19.320	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	17.877	18.880	PASS
N38	30	20	DFT-PI2BPSK	M	Outer_Full	17.788	19.120	PASS
N38	30	20	DFT-16QAM	M	Outer_Full	17.839	19.040	PASS
N38	30	20	DFT-64QAM	M	Outer_Full	17.755	19.040	PASS
N38	30	20	DFT-256QAM	M	Outer_Full	17.856	18.920	PASS
N38	30	20	CP-QPSK	M	Outer_Full	18.213	19.240	PASS
N38	30	20	CP-16QAM	M	Outer_Full	18.272	19.000	PASS
N38	30	20	CP-64QAM	M	Outer_Full	18.17	19.040	PASS
N38	30	20	CP-256QAM	M	Outer_Full	18.19	19.280	PASS
N38	30	20	DFT-QPSK	H	Outer_Full	17.748	18.880	PASS
N38	30	20	DFT-PI2BPSK	H	Outer_Full	17.794	18.840	PASS
N38	30	20	DFT-16QAM	H	Outer_Full	17.795	18.920	PASS
N38	30	20	DFT-64QAM	H	Outer_Full	17.782	18.840	PASS
N38	30	20	DFT-256QAM	H	Outer_Full	17.836	18.760	PASS
N38	30	20	CP-QPSK	H	Outer_Full	18.242	19.200	PASS
N38	30	20	CP-16QAM	H	Outer_Full	18.203	19.200	PASS
N38	30	20	CP-64QAM	H	Outer_Full	18.209	19.320	PASS
N38	30	20	CP-256QAM	H	Outer_Full	18.209	19.320	PASS
N38	30	30	DFT-QPSK	L	Outer_Full	26.726	28.080	PASS
N38	30	30	DFT-PI2BPSK	L	Outer_Full	26.738	27.840	PASS
N38	30	30	DFT-16QAM	L	Outer_Full	26.82	28.020	PASS
N38	30	30	DFT-64QAM	L	Outer_Full	26.87	28.200	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](mailto: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

N38	30	30	DFT-256QAM	L	Outer_Full	26.589	28.080	PASS
N38	30	30	CP-QPSK	L	Outer_Full	26.726	28.080	PASS
N38	30	30	CP-16QAM	L	Outer_Full	27.859	29.100	PASS
N38	30	30	CP-64QAM	L	Outer_Full	27.772	28.920	PASS
N38	30	30	CP-256QAM	L	Outer_Full	27.776	29.040	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	26.78	28.080	PASS
N38	30	30	DFT-PI2BPSK	M	Outer_Full	26.72	28.020	PASS
N38	30	30	DFT-16QAM	M	Outer_Full	26.805	27.960	PASS
N38	30	30	DFT-64QAM	M	Outer_Full	26.758	28.080	PASS
N38	30	30	DFT-256QAM	M	Outer_Full	26.823	28.080	PASS
N38	30	30	CP-QPSK	M	Outer_Full	27.796	29.100	PASS
N38	30	30	CP-16QAM	M	Outer_Full	27.939	29.400	PASS
N38	30	30	CP-64QAM	M	Outer_Full	27.765	28.920	PASS
N38	30	30	CP-256QAM	M	Outer_Full	27.795	28.980	PASS
N38	30	30	DFT-QPSK	H	Outer_Full	26.782	28.140	PASS
N38	30	30	DFT-PI2BPSK	H	Outer_Full	26.713	27.960	PASS
N38	30	30	DFT-16QAM	H	Outer_Full	26.703	28.020	PASS
N38	30	30	DFT-64QAM	H	Outer_Full	26.796	28.140	PASS
N38	30	30	DFT-256QAM	H	Outer_Full	26.789	28.080	PASS
N38	30	30	CP-QPSK	H	Outer_Full	27.765	29.160	PASS
N38	30	30	CP-16QAM	H	Outer_Full	27.806	28.920	PASS
N38	30	30	CP-64QAM	H	Outer_Full	27.865	28.800	PASS
N38	30	30	CP-256QAM	H	Outer_Full	27.777	29.280	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	35.529	37.280	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	35.729	37.360	PASS
N38	30	40	DFT-16QAM	L	Outer_Full	35.722	37.280	PASS
N38	30	40	DFT-64QAM	L	Outer_Full	35.874	37.360	PASS
N38	30	40	DFT-256QAM	L	Outer_Full	35.71	37.120	PASS
N38	30	40	CP-QPSK	L	Outer_Full	37.768	39.600	PASS
N38	30	40	CP-16QAM	L	Outer_Full	37.887	39.520	PASS
N38	30	40	CP-64QAM	L	Outer_Full	37.811	39.600	PASS
N38	30	40	CP-256QAM	L	Outer_Full	37.805	39.600	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	35.726	37.600	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	35.781	37.200	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	35.8	37.520	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	35.78	37.600	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	35.733	37.360	PASS
N38	30	40	CP-QPSK	M	Outer_Full	37.694	39.440	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](mailto: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.: SEWM2209000168RG02

Rev.: 01

Page: 19 of 65

N38	30	40	CP-16QAM	M	Outer_Full	37.801	39.520	PASS
N38	30	40	CP-64QAM	M	Outer_Full	37.851	39.600	PASS
N38	30	40	CP-256QAM	M	Outer_Full	37.905	39.360	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	35.714	37.360	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	35.754	37.520	PASS
N38	30	40	DFT-16QAM	H	Outer_Full	35.709	37.360	PASS
N38	30	40	DFT-64QAM	H	Outer_Full	35.806	37.520	PASS
N38	30	40	DFT-256QAM	H	Outer_Full	35.668	37.440	PASS
N38	30	40	CP-QPSK	H	Outer_Full	37.812	39.680	PASS
N38	30	40	CP-16QAM	H	Outer_Full	37.778	39.520	PASS
N38	30	40	CP-64QAM	H	Outer_Full	37.755	39.520	PASS
N38	30	40	CP-256QAM	H	Outer_Full	37.822	39.520	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.

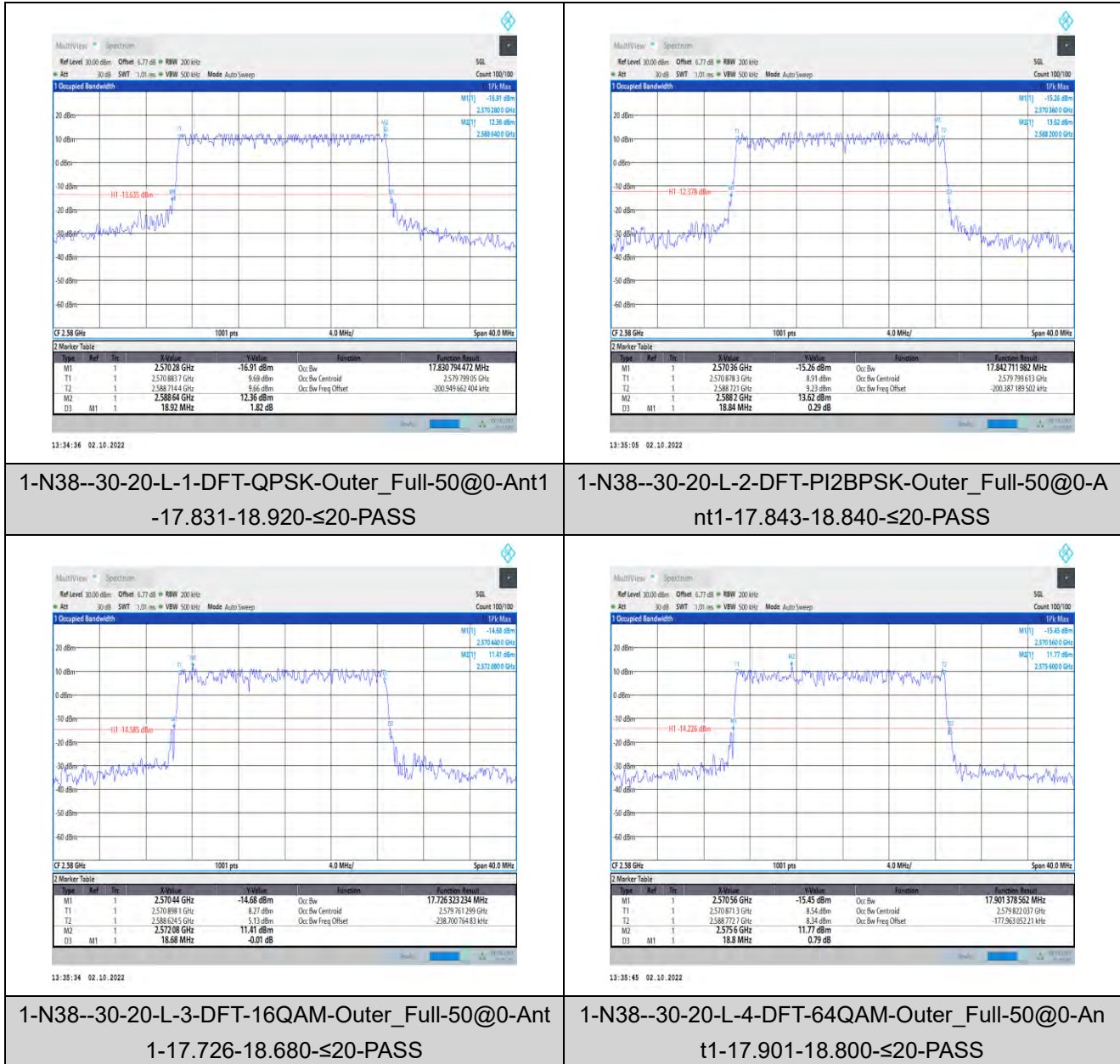
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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号厂房南面 邮编: 215000

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



Test Graphs



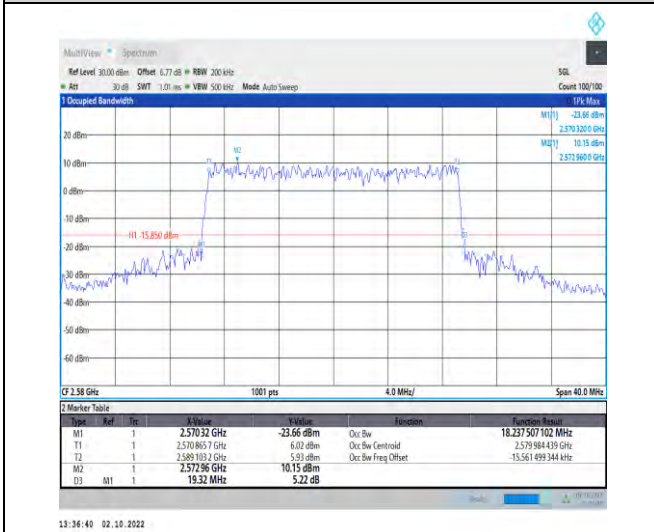




1-N38--30-20-L-5-DFT-256QAM-Outer\_Full-50@0-A  
nt1-17.807-19.000-≤20-PASS



1-N38--30-20-L-6-CP-QPSK-Outer\_Full-51@0-Ant1-  
39.591-40.000-≤20-PASS



1-N38--30-20-L-7-CP-16QAM-Outer\_Full-51@0-Ant1  
-18.238-19.320-≤20-PASS



1-N38--30-20-L-8-CP-64QAM-Outer\_Full-51@0-Ant  
1-18.179-19.360-≤20-PASS

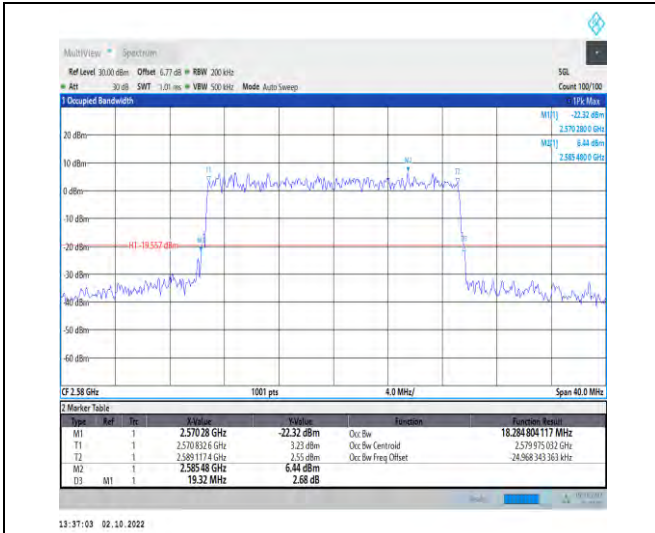


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

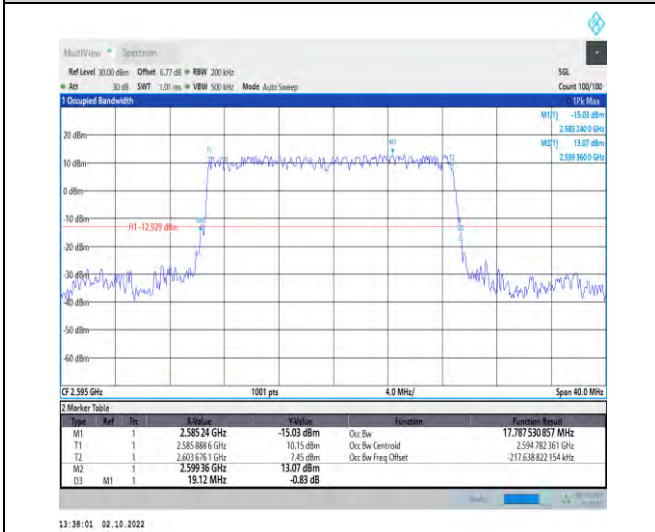
t (86-512) 62992980 www.sgs.com.cn  
t (86-512) 62992980 sgs.china@sgs.com



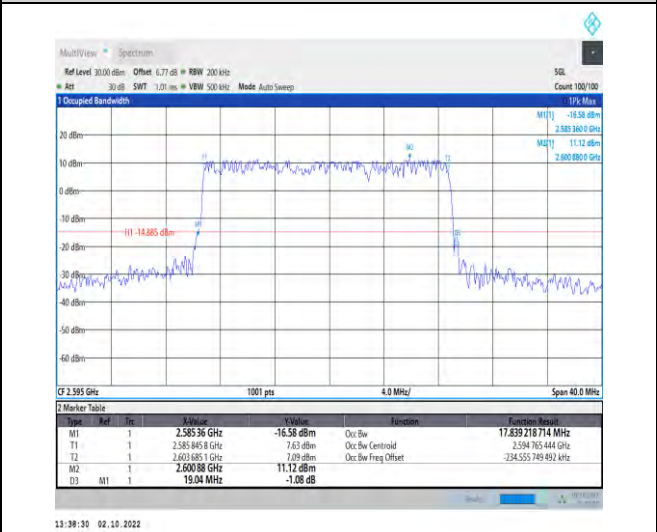
1-N38--30-20-L-9-CP-256QAM-Outer\_Full-51@0-Ant  
1-18.285-19.320-≤20-PASS



1-N38--30-20-M-1-DFT-QPSK-Outer\_Full-50@0-Ant  
1-17.877-18.880-≤20-PASS



1-N38--30-20-M-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1  
1-17.788-19.120-≤20-PASS



1-N38--30-20-M-3-DFT-16QAM-Outer\_Full-50@0-Ant1  
1-17.839-19.040-≤20-PASS

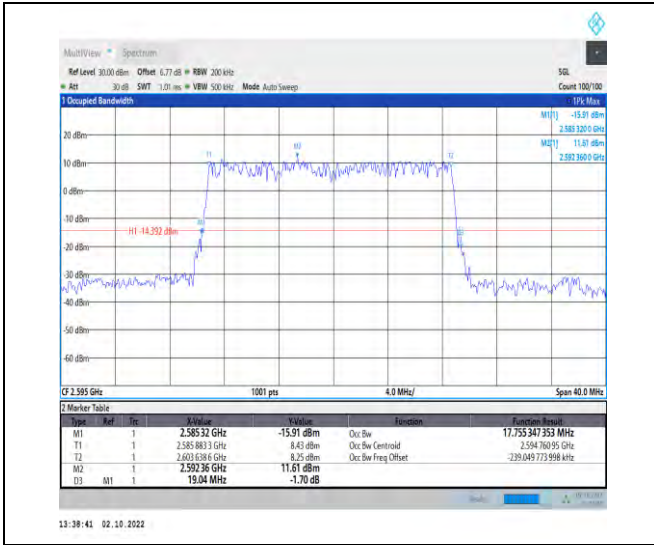


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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





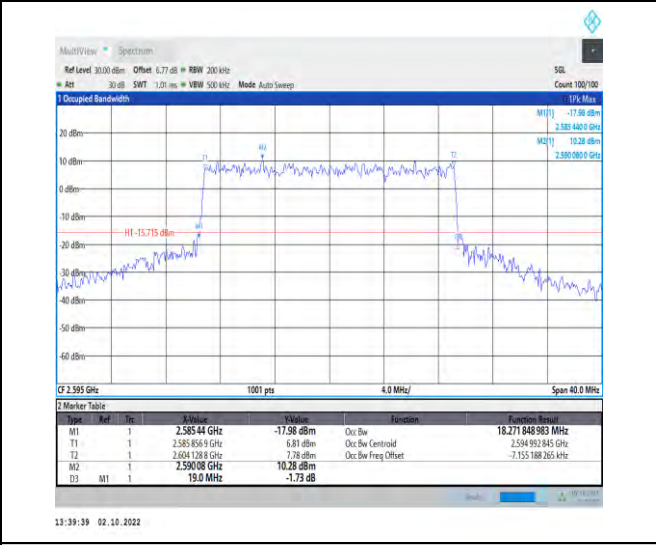
1-N38--30-20-M-4-DFT-64QAM-Outer\_Full-50@0-Ant1-17.755-19.040-<math>\leq 20</math>-PASS



1-N38--30-20-M-5-DFT-256QAM-Outer\_Full-50@0-Ant1-17.856-18.920-<math>\leq 20</math>-PASS



1-N38--30-20-M-6-CP-QPSK-Outer\_Full-51@0-Ant1-18.213-19.240-<math>\leq 20</math>-PASS



1-N38--30-20-M-7-CP-16QAM-Outer\_Full-51@0-Ant1-18.272-19.000-<math>\leq 20</math>-PASS

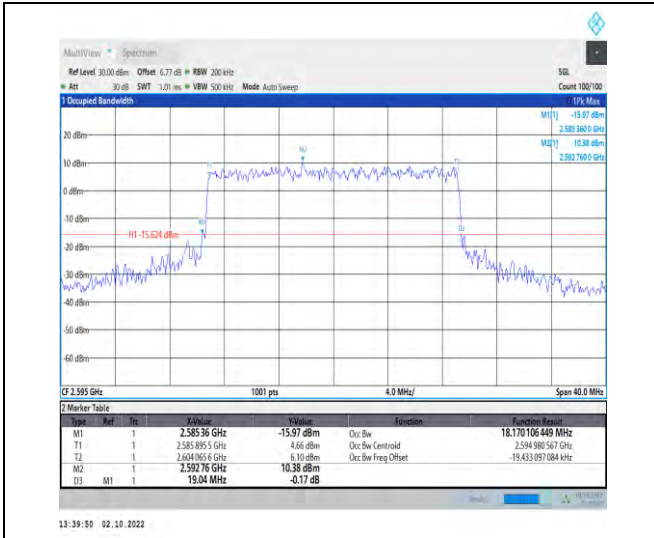


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

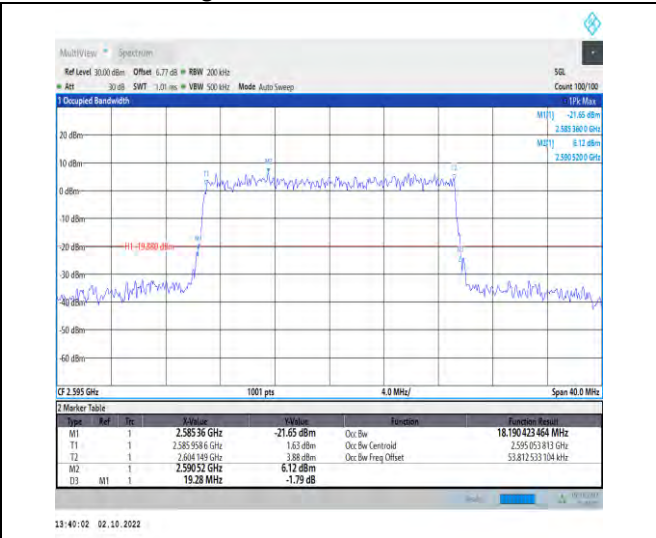
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) 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

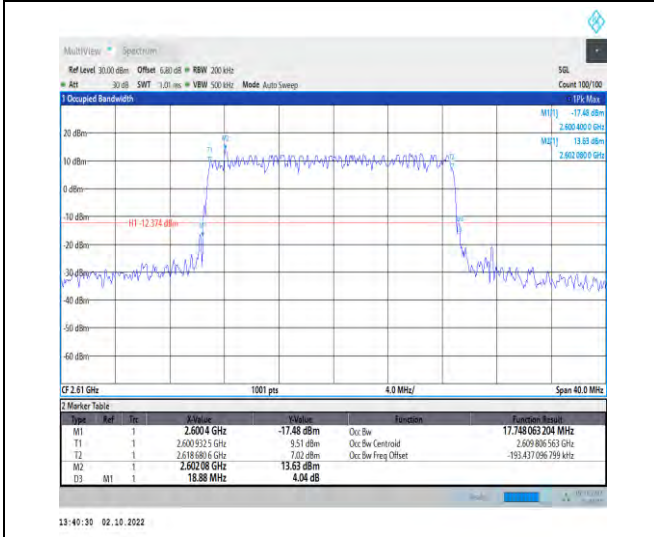




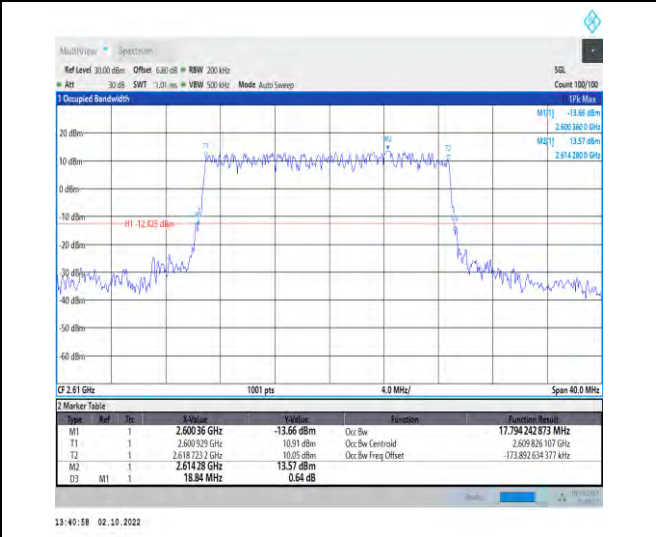
1-N38--30-20-M-8-CP-64QAM-Outer\_Full-51@0-Ant  
1-18.17-19.040-≤20-PASS



1-N38--30-20-M-9-CP-256QAM-Outer\_Full-51@0-A  
nt1-18.19-19.280-≤20-PASS



1-N38--30-20-H-1-DFT-QPSK-Outer\_Full-50@0-Ant  
1-17.748-18.880-≤20-PASS



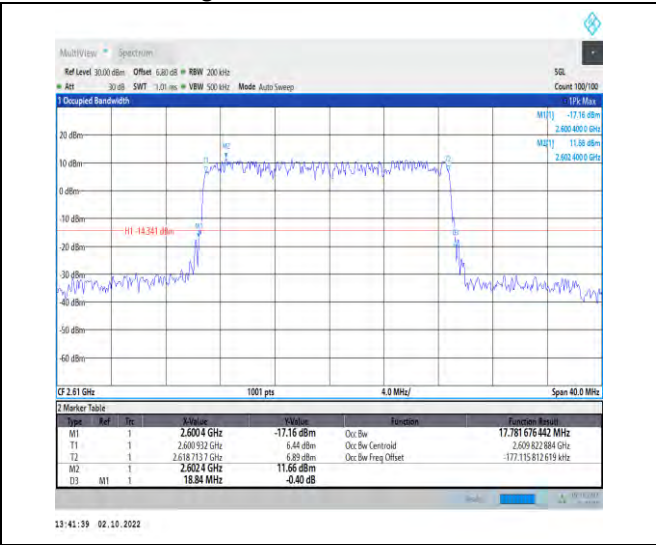
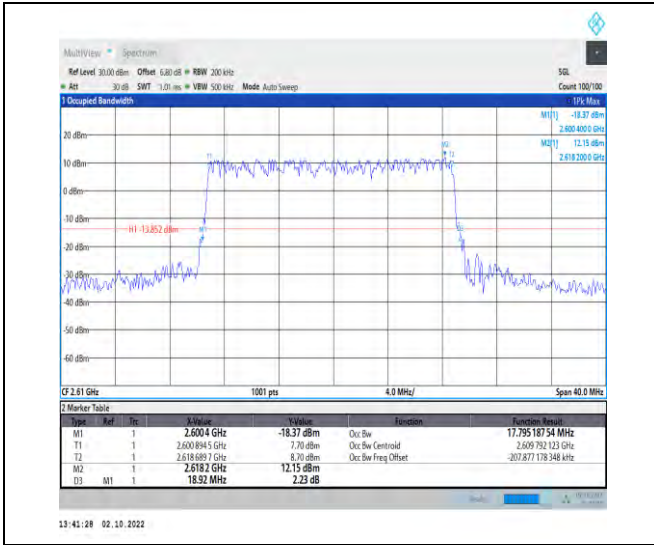
1-N38--30-20-H-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant  
1-17.794-18.840-≤20-PASS



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.

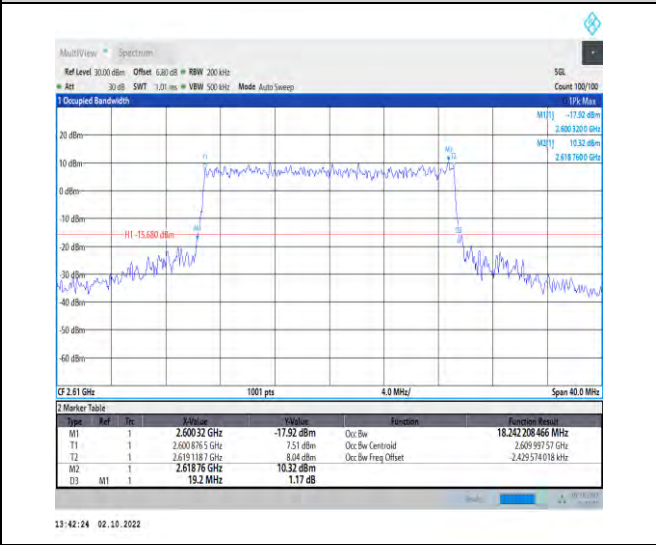
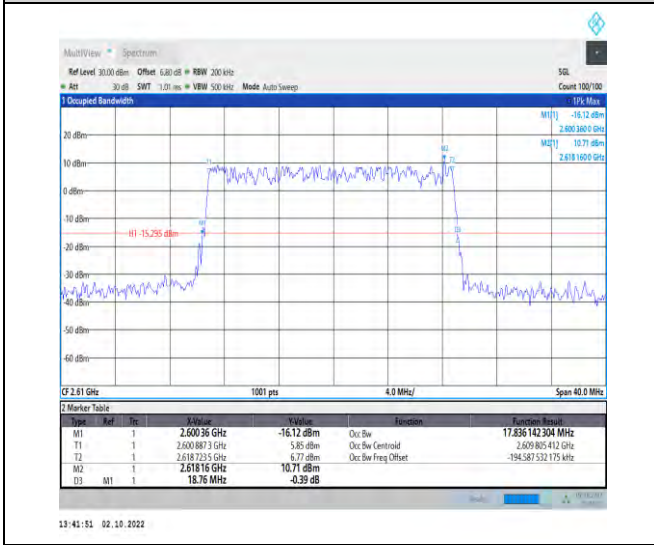
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

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--30-20-H-3-DFT-16QAM-Outer\_Full-50@0-An  
t1-17.795-18.920-<math>\leq 20</math>-PASS

1-N38--30-20-H-4-DFT-64QAM-Outer\_Full-50@0-An  
t1-17.782-18.840-<math>\leq 20</math>-PASS



1-N38--30-20-H-5-DFT-256QAM-Outer\_Full-50@0-A  
nt1-17.836-18.760-<math>\leq 20</math>-PASS

1-N38--30-20-H-6-CP-QPSK-Outer\_Full-51@0-Ant1-  
18.242-19.200-<math>\leq 20</math>-PASS

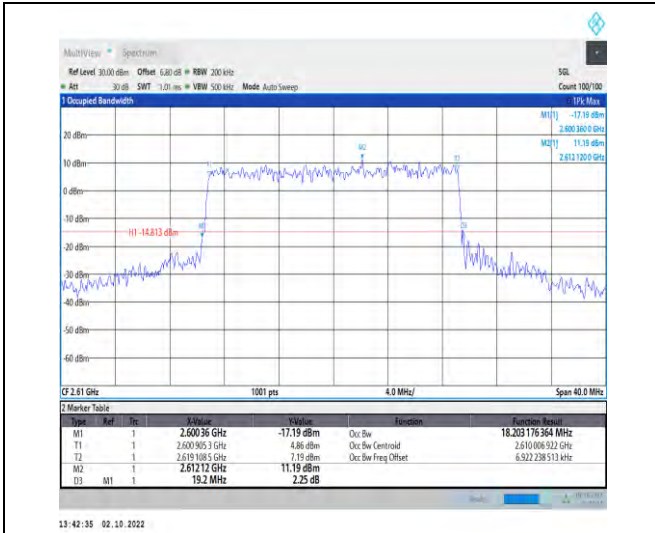


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

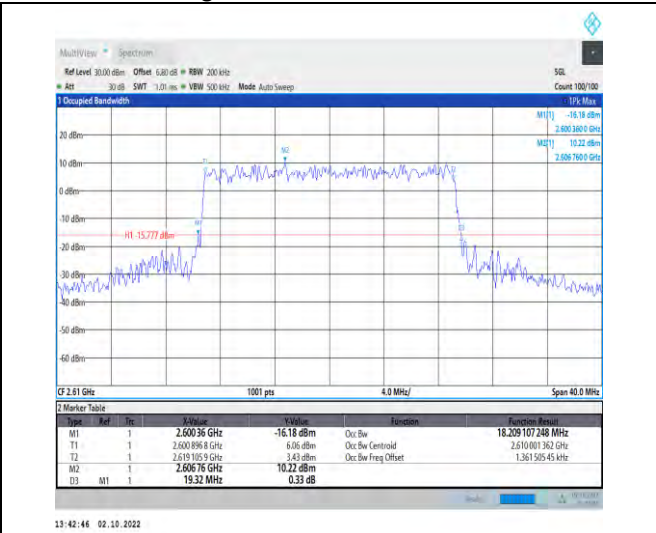
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

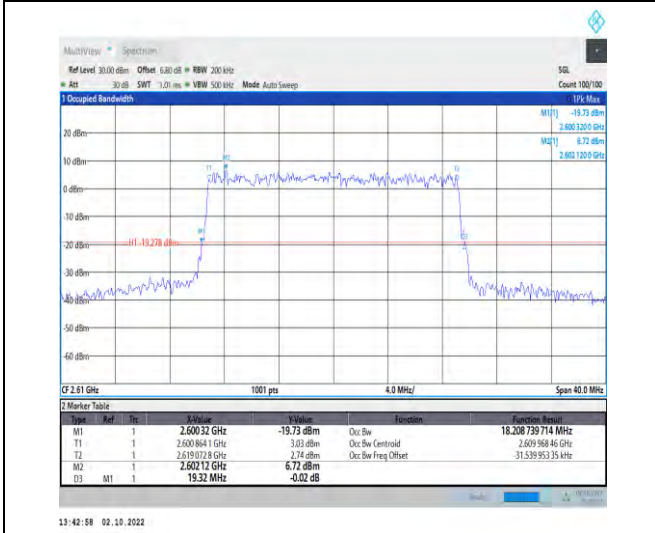




1-N38--30-20-H-7-CP-16QAM-Outer\_Full-51@0-Ant  
1-18.203-19.200-≤20-PASS



1-N38--30-20-H-8-CP-64QAM-Outer\_Full-51@0-Ant  
1-18.209-19.320-≤20-PASS



1-N38--30-20-H-9-CP-256QAM-Outer\_Full-51@0-Ant  
t1-18.209-19.320-≤20-PASS



1-N38--30-30-L-1-DFT-QPSK-Outer\_Full-75@0-Ant1  
-26.726-28.080-≤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) 83071443, 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

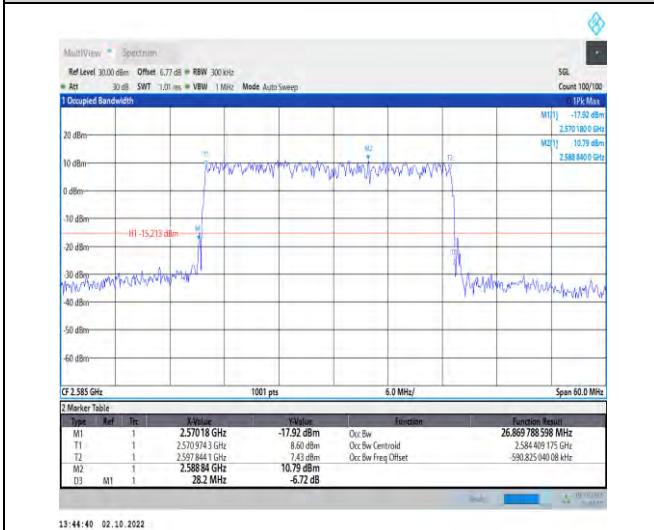




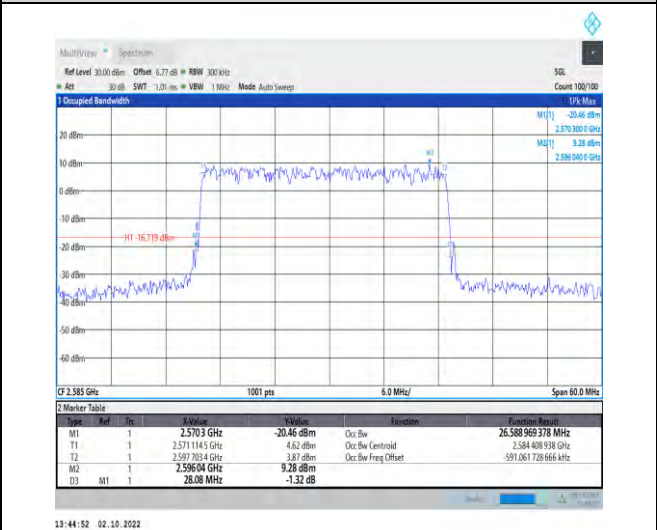
1-N38--30-30-L-2-DFT-PI2BPSK-Outer\_Full-75@0-A  
nt1-26.738-27.840-≤30-PASS



1-N38--30-30-L-3-DFT-16QAM-Outer\_Full-75@0-An  
t1-26.82-28.020-≤30-PASS



1-N38--30-30-L-4-DFT-64QAM-Outer\_Full-75@0-Ant  
1-26.87-28.200-≤30-PASS



1-N38--30-30-L-5-DFT-256QAM-Outer\_Full-75@0-A  
nt1-26.589-28.080-≤30-PASS

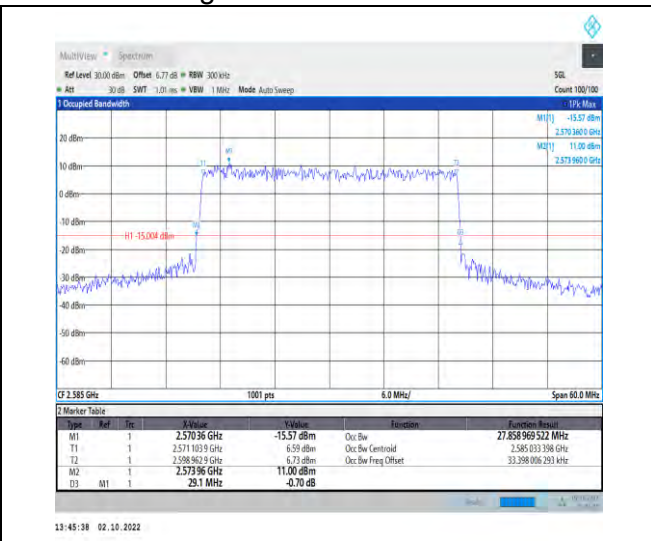
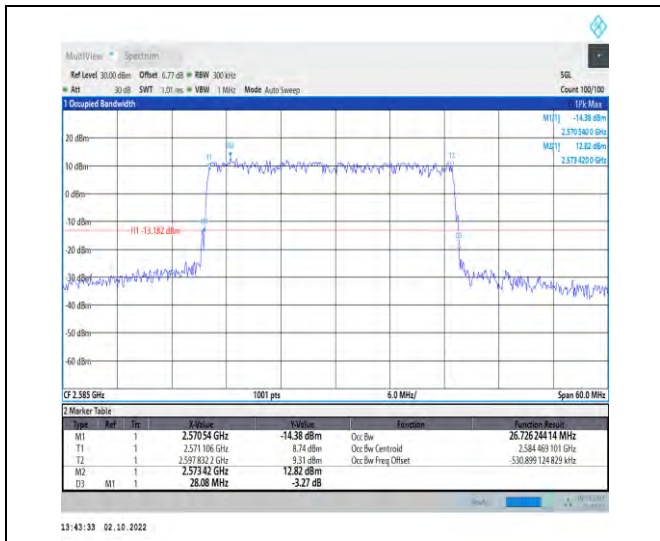


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

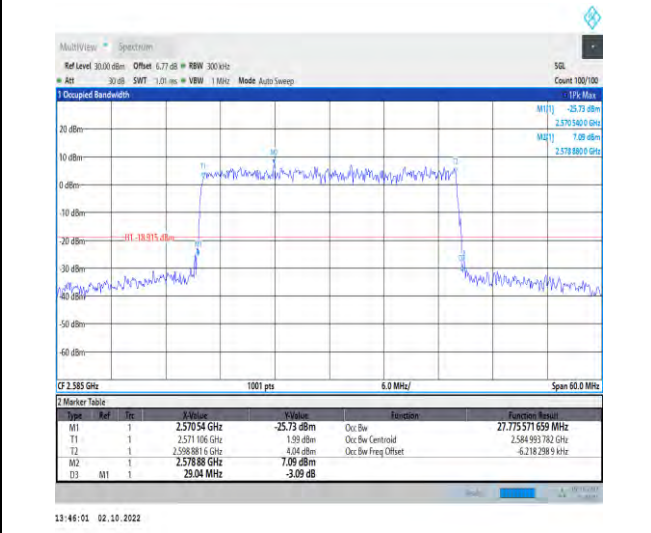
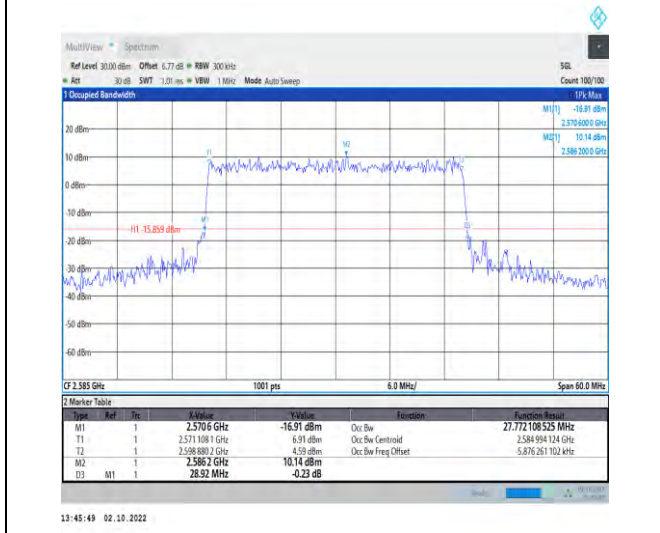
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

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



1-N38--30-30-L-6-CP-QPSK-Outer\_Full-78@0-Ant1-59.438-60.000-<=30-PASS

1-N38--30-30-L-7-CP-16QAM-Outer\_Full-78@0-Ant1-1.27.859-29.100-<=30-PASS

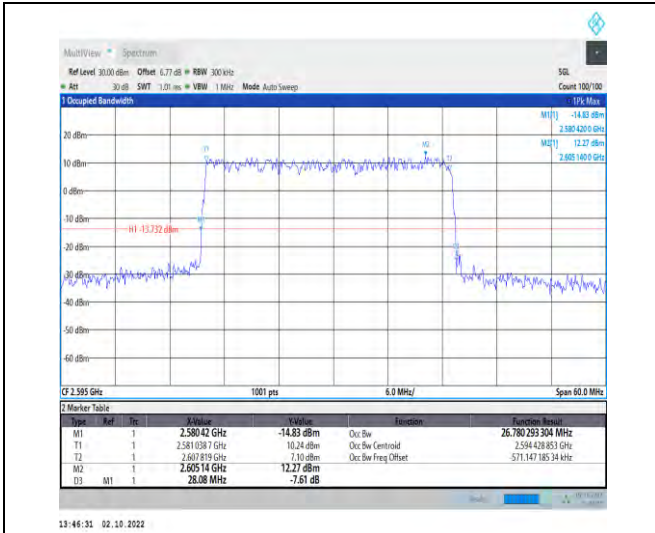


1-N38--30-30-L-8-CP-64QAM-Outer\_Full-78@0-Ant1-27.772-28.920-<=30-PASS

1-N38--30-30-L-9-CP-256QAM-Outer\_Full-78@0-Ant1-27.776-29.040-<=30-PASS

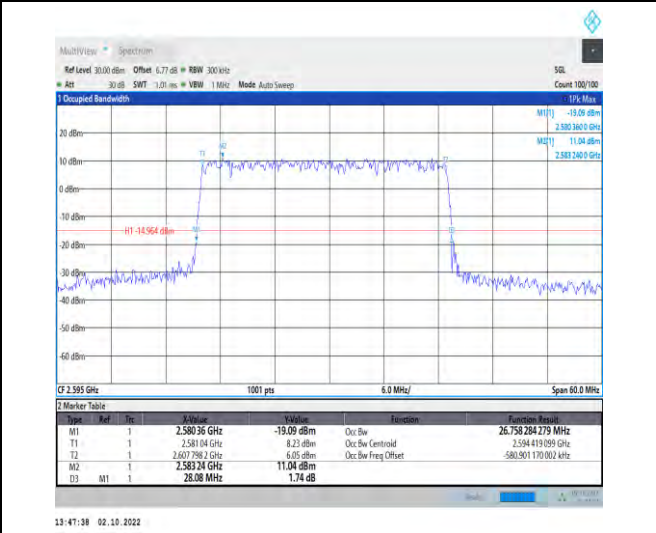
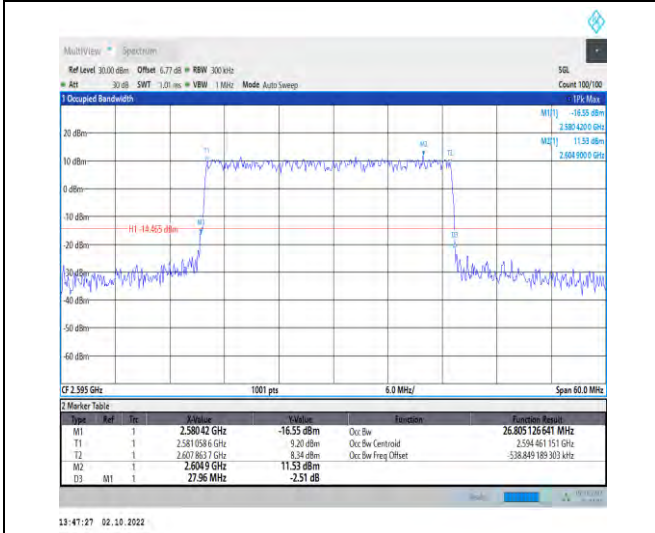






1-N38--30-30-M-1-DFT-QPSK-Outer\_Full-75@0-Ant  
1-26.78-28.080-≤30-PASS

1-N38--30-30-M-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant  
1-26.72-28.020-≤30-PASS



1-N38--30-30-M-3-DFT-16QAM-Outer\_Full-75@0-Ant  
1-26.805-27.960-≤30-PASS

1-N38--30-30-M-4-DFT-64QAM-Outer\_Full-75@0-Ant  
1-26.758-28.080-≤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 only 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.

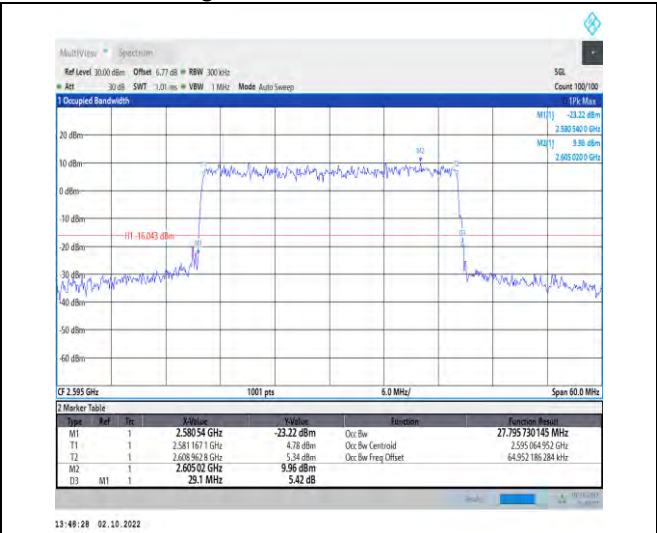
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) 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

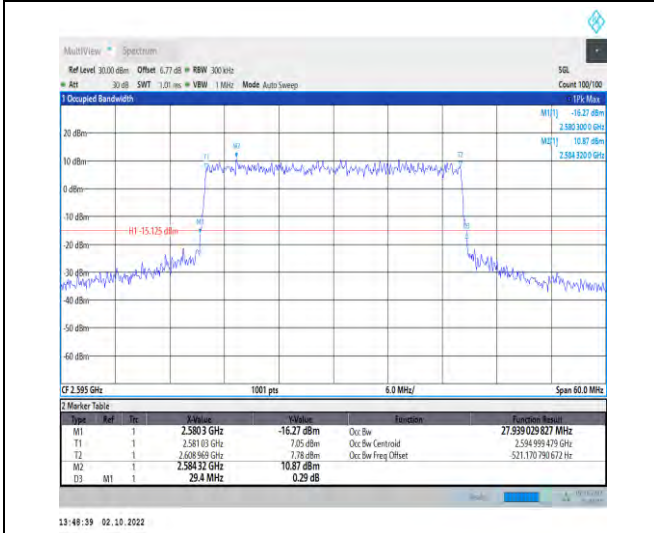




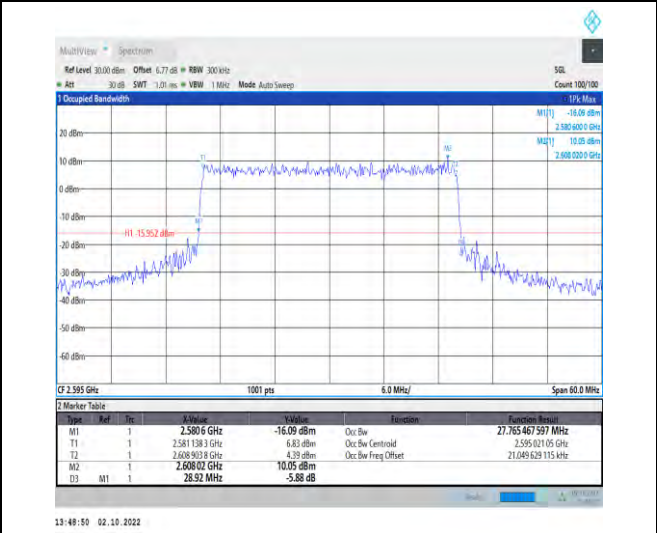
1-N38--30-30-M-5-DFT-256QAM-Outer\_Full-75@0-A  
nt1-26.823-28.080-≤30-PASS



1-N38--30-30-M-6-CP-QPSK-Outer\_Full-78@0-Ant1  
-27.796-29.100-≤30-PASS



1-N38--30-30-M-7-CP-16QAM-Outer\_Full-78@0-Ant  
1-27.939-29.400-≤30-PASS



1-N38--30-30-M-8-CP-64QAM-Outer\_Full-78@0-Ant  
1-27.765-28.920-≤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-and-Conditions-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 only 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--30-30-M-9-CP-256QAM-Outer\_Full-78@0-Ant1-27.795-28.980-<math>\leq 30</math>-PASS



1-N38--30-30-H-1-DFT-QPSK-Outer\_Full-75@0-Ant1-26.782-28.140-<math>\leq 30</math>-PASS



1-N38--30-30-H-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-26.713-27.960-<math>\leq 30</math>-PASS



1-N38--30-30-H-3-DFT-16QAM-Outer\_Full-75@0-Ant1-26.703-28.020-<math>\leq 30</math>-PASS

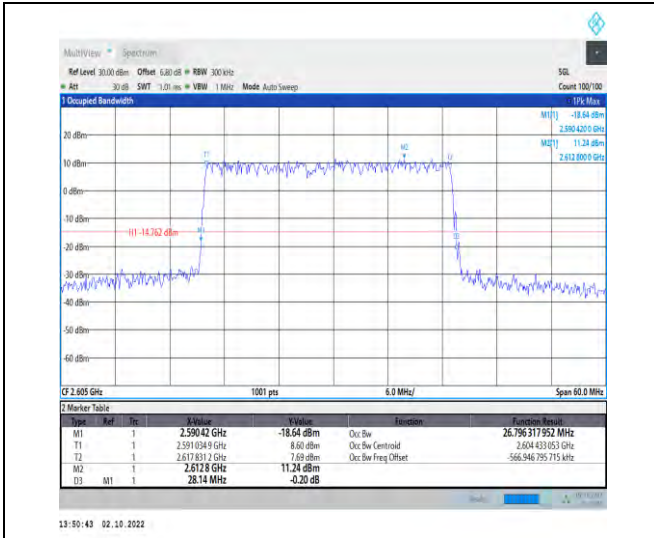


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

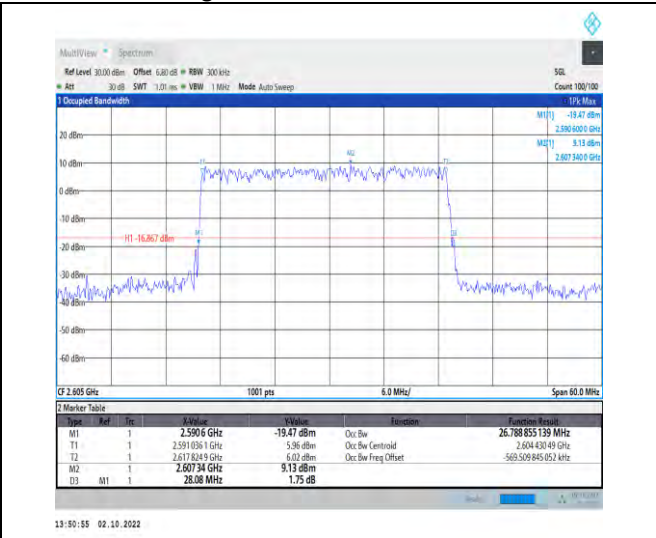
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

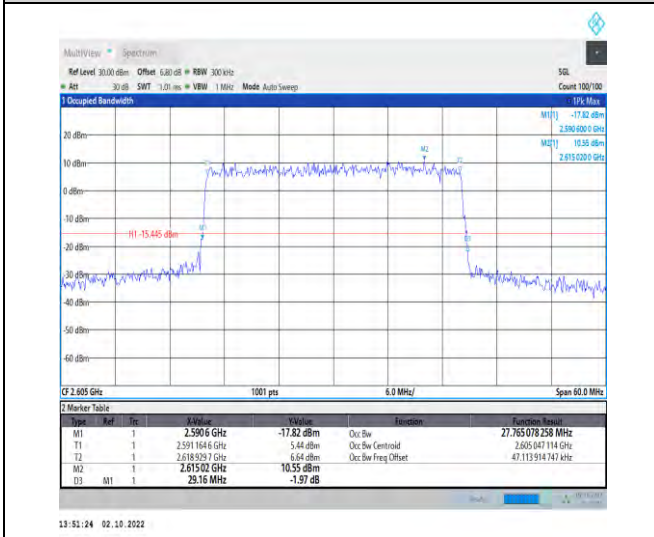




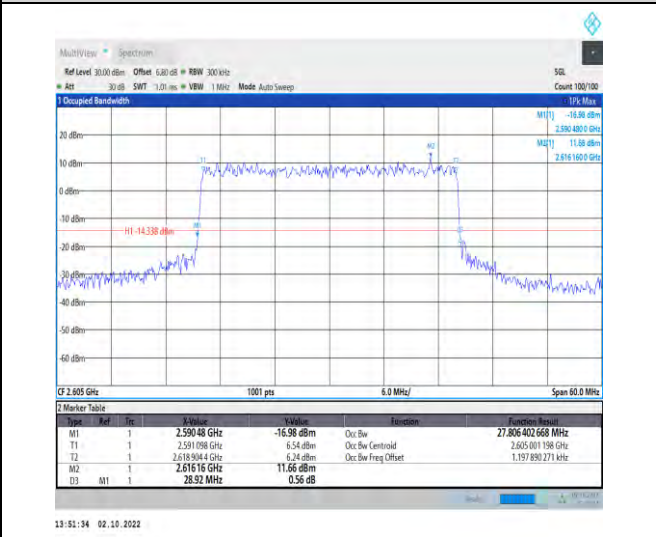
1-N38--30-30-H-4-DFT-64QAM-Outer\_Full-75@0-Ant  
t1-26.796-28.140-<30-PASS



1-N38--30-30-H-5-DFT-256QAM-Outer\_Full-75@0-Ant  
nt1-26.789-28.080-<30-PASS



1-N38--30-30-H-6-CP-QPSK-Outer\_Full-78@0-Ant1-  
27.765-29.160-<30-PASS



1-N38--30-30-H-7-CP-16QAM-Outer\_Full-78@0-Ant  
1-27.806-28.920-<30-PASS

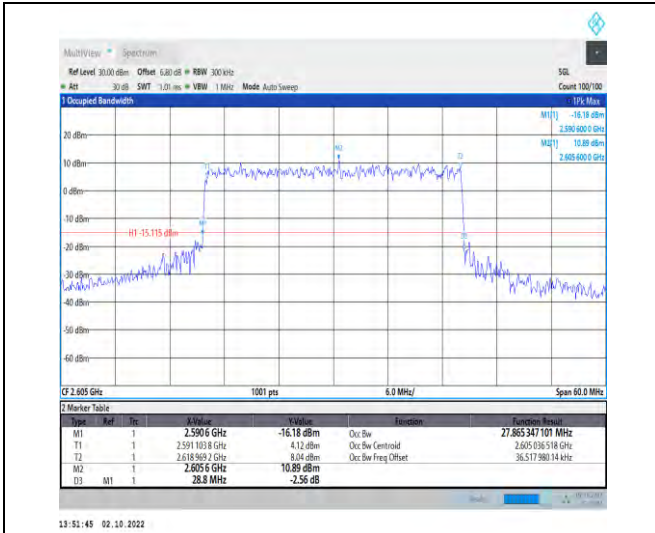


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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) 83071443, or email: CN.Doccheck@sgs.com

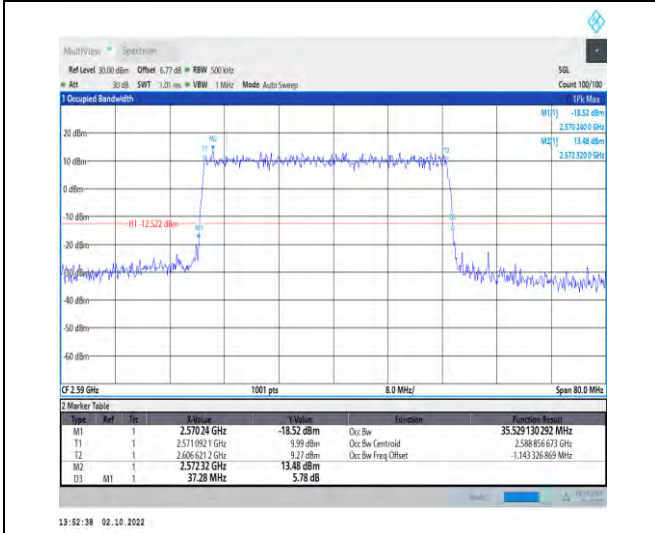
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com





1-N38--30-30-H-8-CP-64QAM-Outer\_Full-78@0-Ant  
1-27.865-28.800-≤30-PASS

1-N38--30-30-H-9-CP-256QAM-Outer\_Full-78@0-An  
t1-27.777-29.280-≤30-PASS



1-N38--30-40-L-1-DFT-QPSK-Outer\_Full-100@0-Ant  
1-35.529-37.280-≤40-PASS

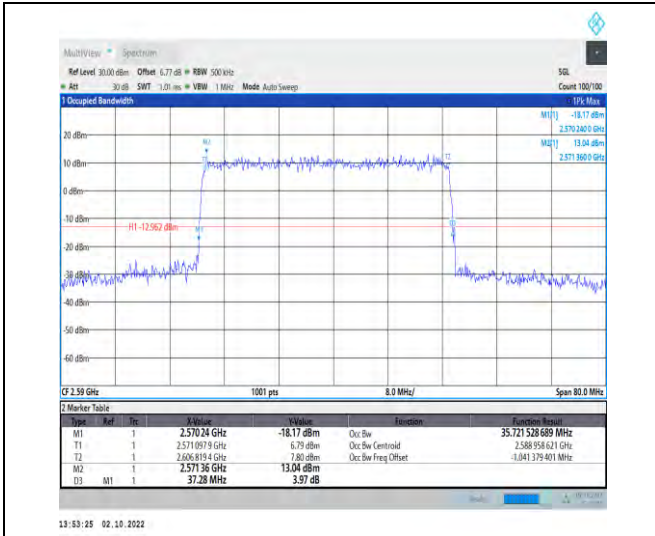
1-N38--30-40-L-2-DFT-PI2BPSK-Outer\_Full-100@0-Ant  
1-35.729-37.360-≤40-PASS



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 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

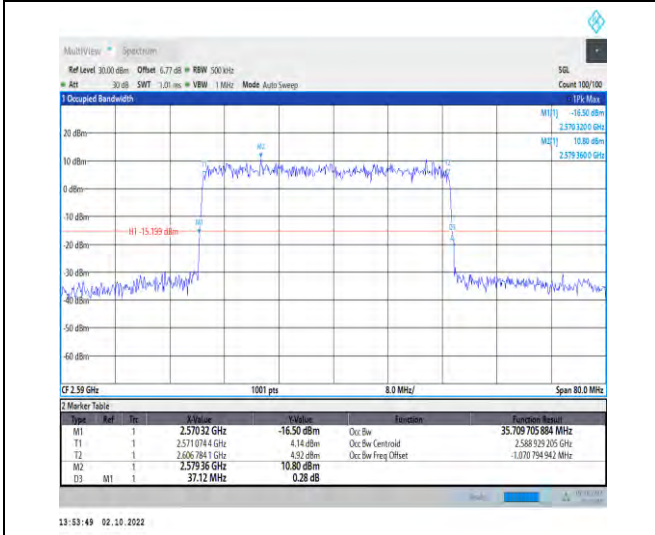
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



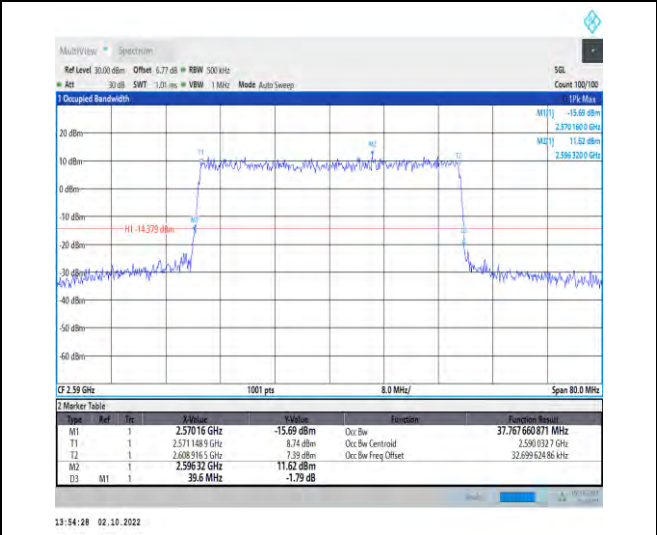
1-N38--30-40-L-3-DFT-16QAM-Outer\_Full-100@0-A  
nt1-35.722-37.280-≤40-PASS



1-N38--30-40-L-4-DFT-64QAM-Outer\_Full-100@0-A  
nt1-35.874-37.360-≤40-PASS



1-N38--30-40-L-5-DFT-256QAM-Outer\_Full-100@0-  
Ant1-35.71-37.120-≤40-PASS



1-N38--30-40-L-6-CP-QPSK-Outer\_Full-106@0-Ant  
1-37.768-39.600-≤40-PASS



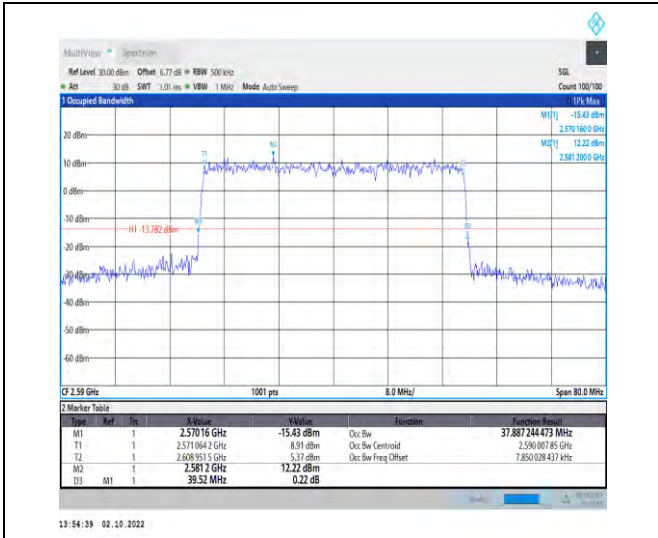
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

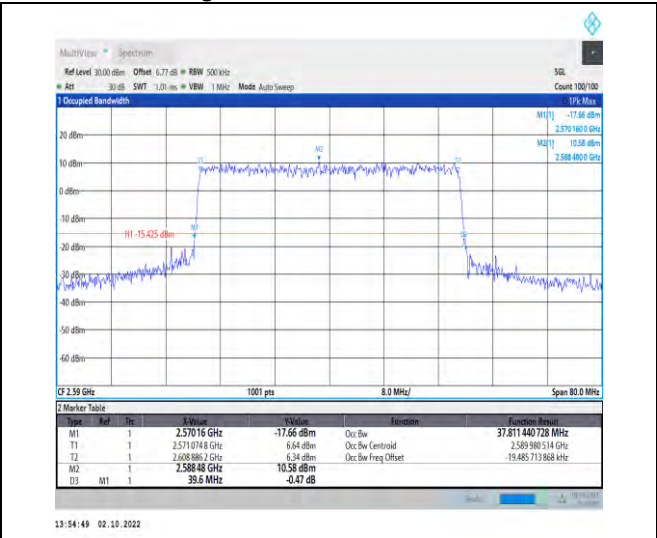
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000

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





1-N38--30-40-L-7-CP-16QAM-Outer\_Full-106@0-Ant  
1-37.887-39.520-≤40-PASS



1-N38--30-40-L-8-CP-64QAM-Outer\_Full-106@0-An  
t1-37.811-39.600-≤40-PASS



1-N38--30-40-L-9-CP-256QAM-Outer\_Full-106@0-A  
nt1-37.805-39.600-≤40-PASS



1-N38--30-40-M-1-DFT-QPSK-Outer\_Full-100@0-An  
t1-35.726-37.600-≤40-PASS

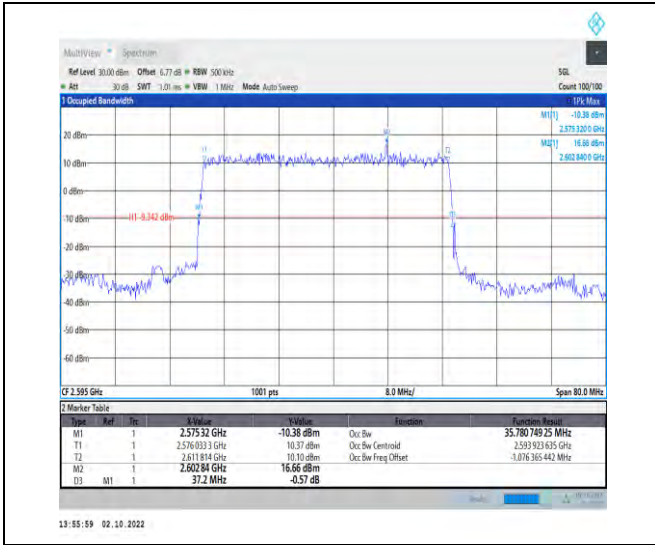


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 only 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) 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--30-40-M-2-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-35.781-37.200-<math>\leq 40</math>-PASS

1-N38--30-40-M-3-DFT-16QAM-Outer\_Full-100@0-Ant1-35.8-37.520-<math>\leq 40</math>-PASS



1-N38--30-40-M-4-DFT-64QAM-Outer\_Full-100@0-Ant1-35.78-37.600-<math>\leq 40</math>-PASS

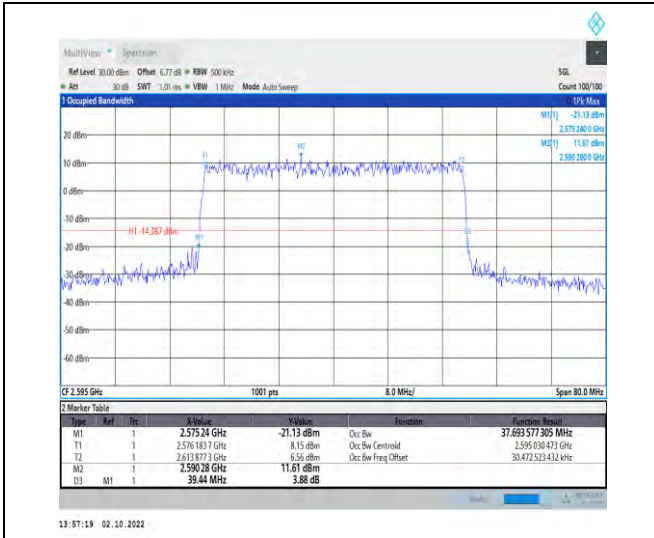
1-N38--30-40-M-5-DFT-256QAM-Outer\_Full-100@0-Ant1-35.733-37.360-<math>\leq 40</math>-PASS



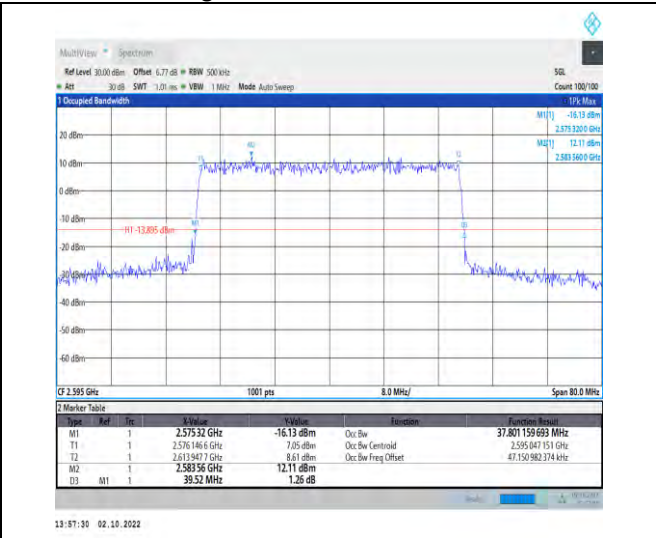
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

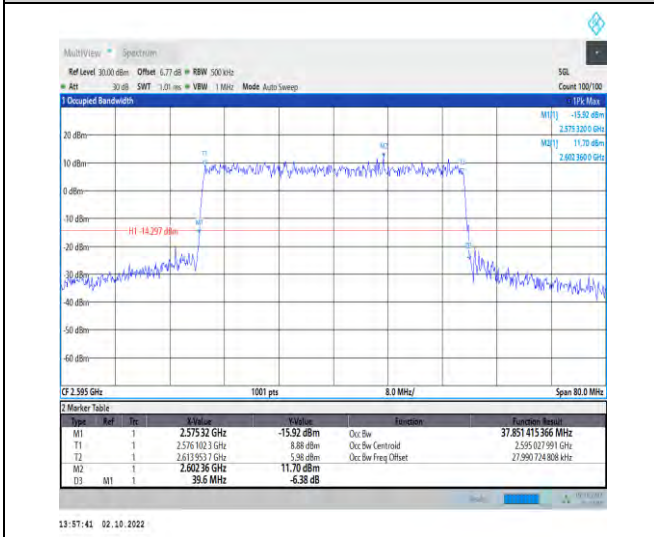
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N38--30-40-M-6-CP-QPSK-Outer\_Full-106@0-Ant  
1-37.694-39.440-≤40-PASS



1-N38--30-40-M-7-CP-16QAM-Outer\_Full-106@0-Ant  
1-37.801-39.520-≤40-PASS



1-N38--30-40-M-8-CP-64QAM-Outer\_Full-106@0-Ant  
1-37.851-39.600-≤40-PASS



1-N38--30-40-M-9-CP-256QAM-Outer\_Full-106@0-Ant  
1-37.905-39.360-≤40-PASS



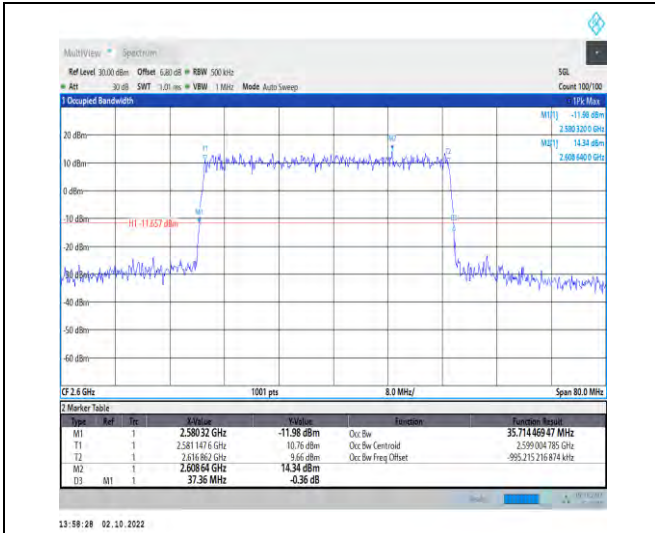
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

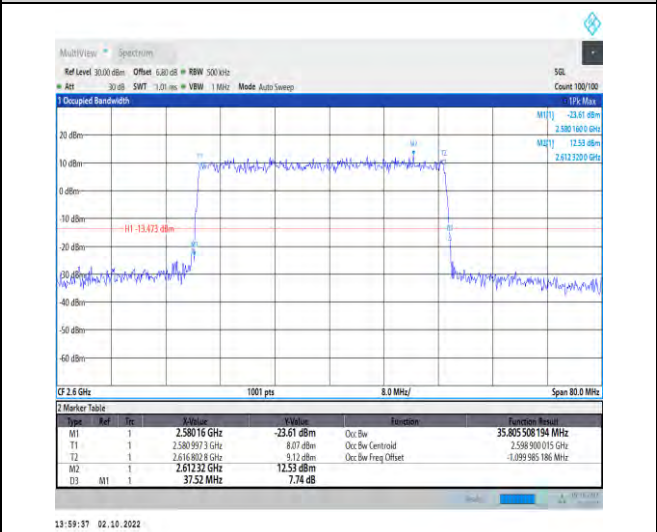
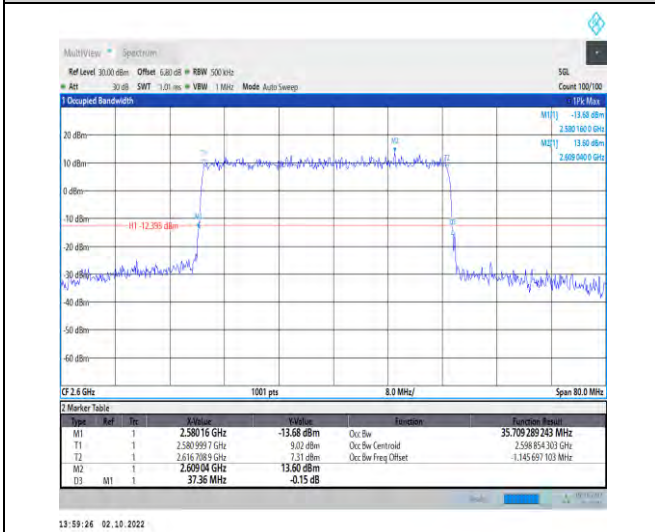
t (86-512) 62992980 www.sgs.com.cn  
t (86-512) 62992980 sgs.china@sgs.com





1-N38--30-40-H-1-DFT-QPSK-Outer\_Full-100@0-An t1-35.714-37.360-<math>\leq 40</math>-PASS

1-N38--30-40-H-2-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-35.754-37.520-<math>\leq 40</math>-PASS



1-N38--30-40-H-3-DFT-16QAM-Outer\_Full-100@0-A nt1-35.709-37.360-<math>\leq 40</math>-PASS

1-N38--30-40-H-4-DFT-64QAM-Outer\_Full-100@0-A nt1-35.806-37.520-<math>\leq 40</math>-PASS

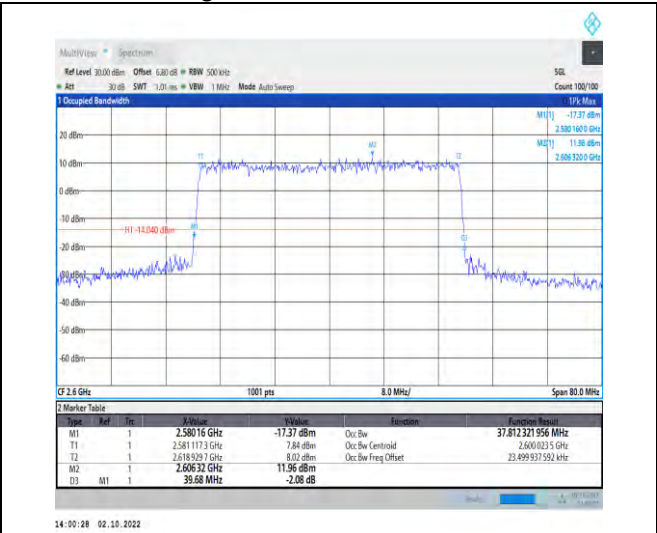
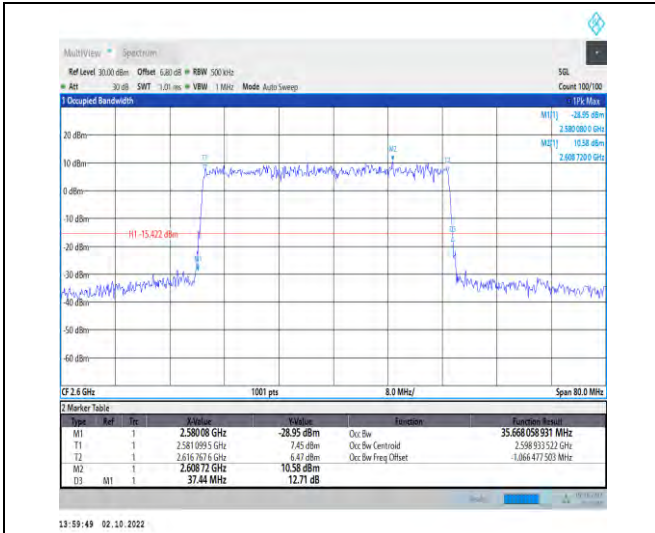


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

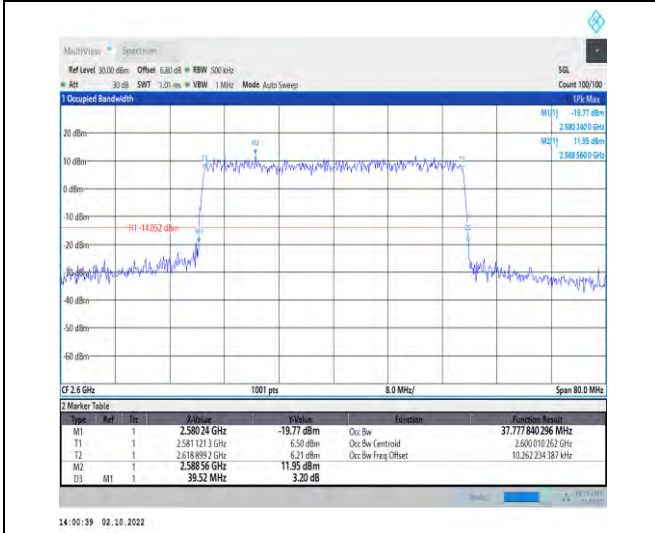
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com





1-N38--30-40-H-5-DFT-256QAM-Outer\_Full-100@0-Ant1-35.668-37.440-<math>\leq 40</math>-PASS

1-N38--30-40-H-6-CP-QPSK-Outer\_Full-106@0-Ant  
1-37.812-39.680-<math>\leq 40</math>-PASS



1-N38--30-40-H-7-CP-16QAM-Outer\_Full-106@0-Ant1-37.778-39.520-<math>\leq 40</math>-PASS

1-N38--30-40-H-8-CP-64QAM-Outer\_Full-106@0-Ant1-37.755-39.520-<math>\leq 40</math>-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--30-40-H-9-CP-256QAM-Outer\_Full-106@0-A  
nt1-37.822-39.520-≤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.

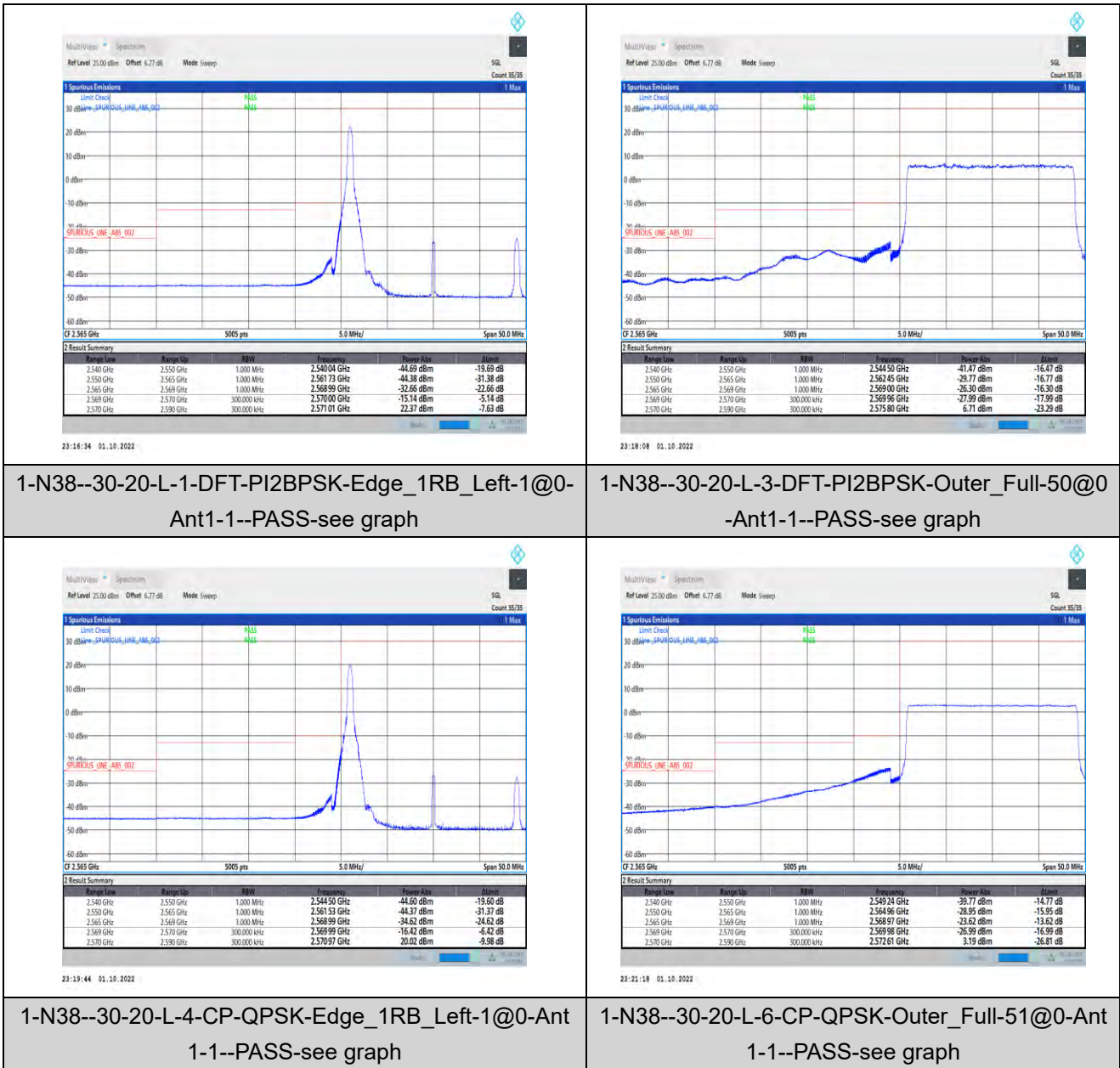
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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号厂房南面 邮编: 215000

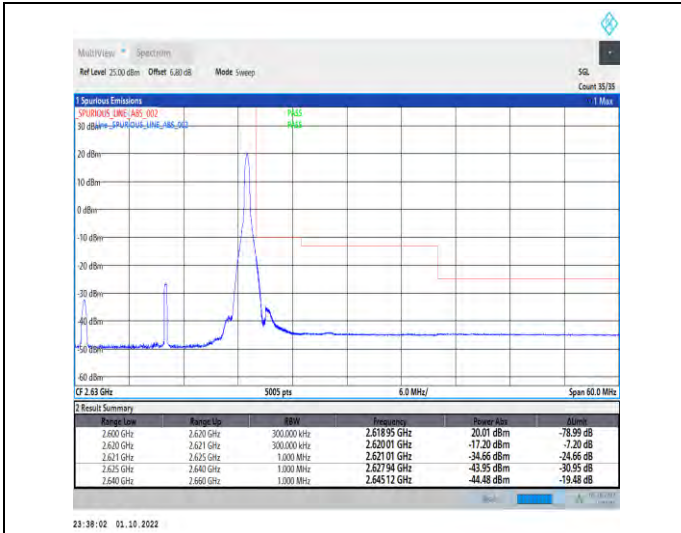
t (86-512) 62992980 www.sgs.com.cn  
t (86-512) 62992980 sgs.china@sgs.com

## Band Edge for SA

### Test Graphs



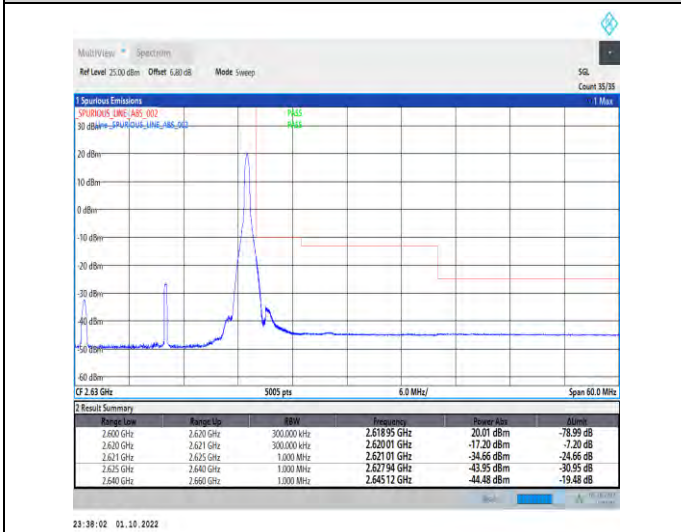




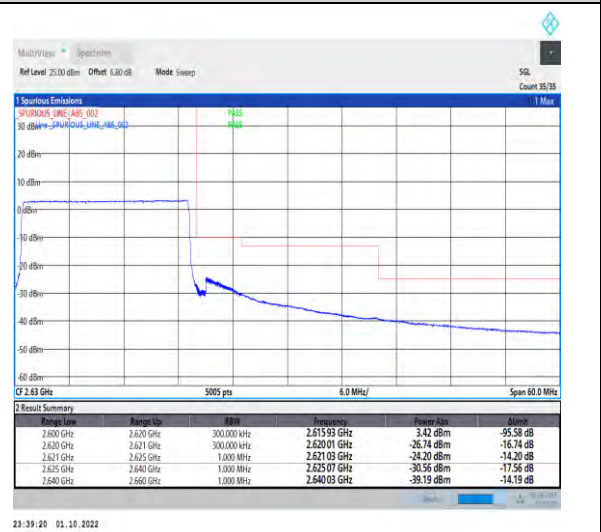
1-N38--30-20-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@50-Ant1-1--PASS-see graph



1-N38--30-20-H-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-1--PASS-see graph



1-N38--30-20-H-5-CP-QPSK-Edge\_1RB\_Right-1@50-Ant1-1--PASS-see graph



1-N38--30-20-H-6-CP-QPSK-Outer\_Full-51@0-Ant1-1--PASS-see graph

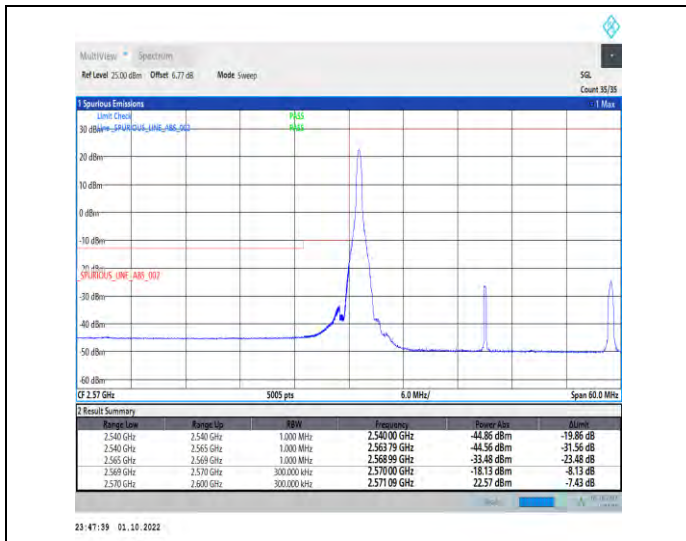


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

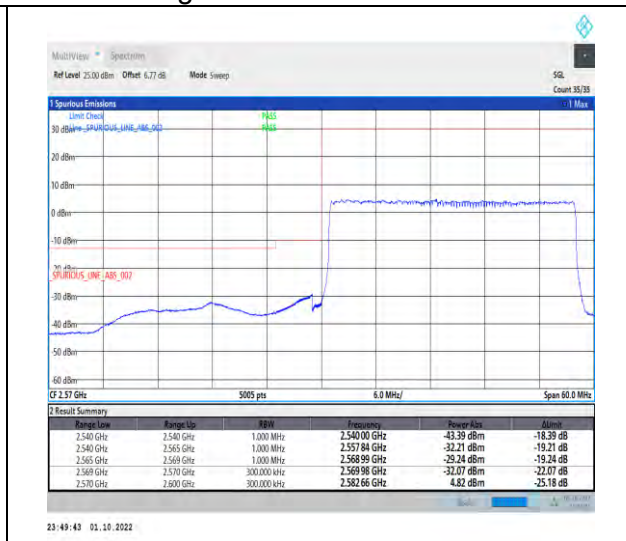
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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号厂房南面 邮编: 215000

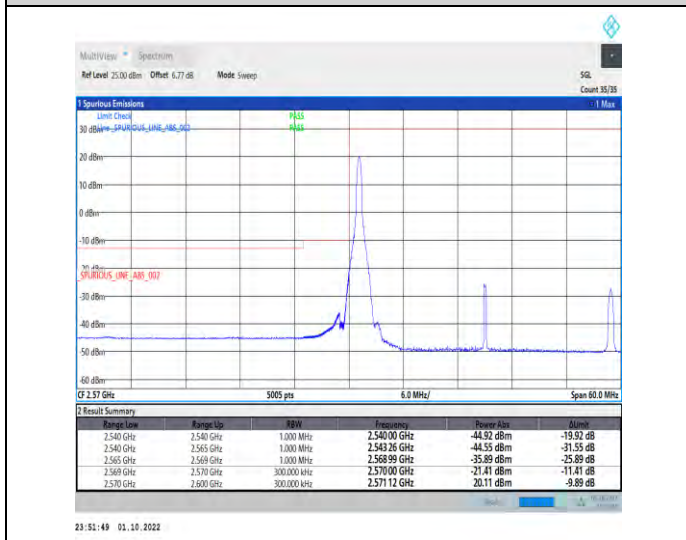
t (86-512) 62992980 www.sgs.com.cn  
 t (86-512) 62992980 sgs.china@sgs.com



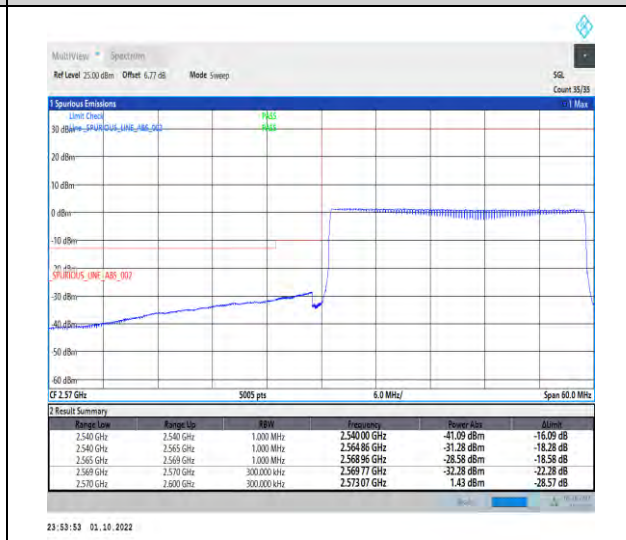
1-N38--30-30-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



1-N38--30-30-L-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-1--PASS-see graph



1-N38--30-30-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



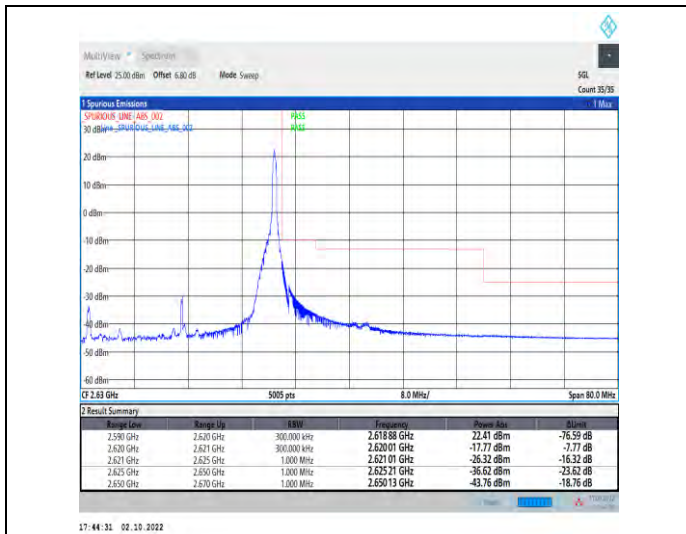
1-N38--30-30-L-6-CP-QPSK-Outer\_Full-78@0-Ant1-1--PASS-see graph



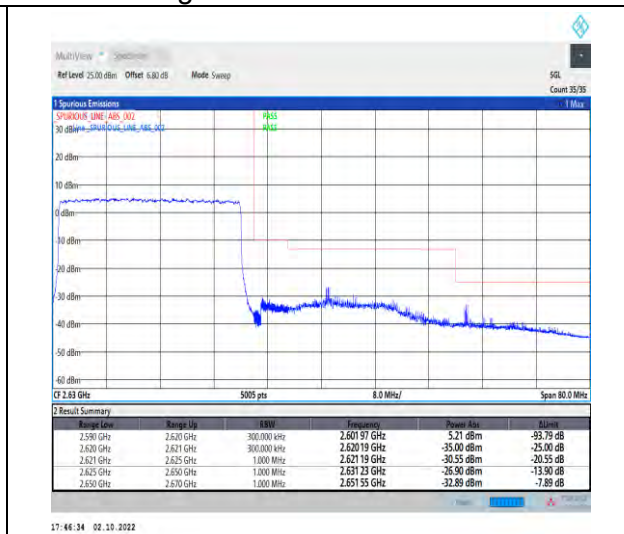
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

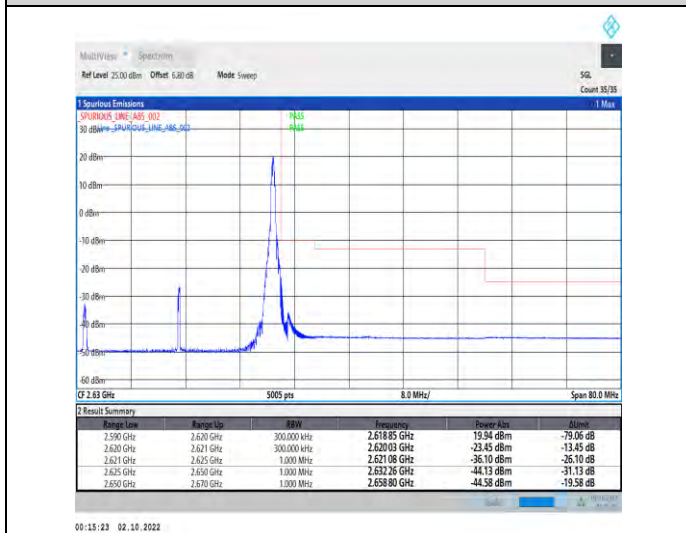




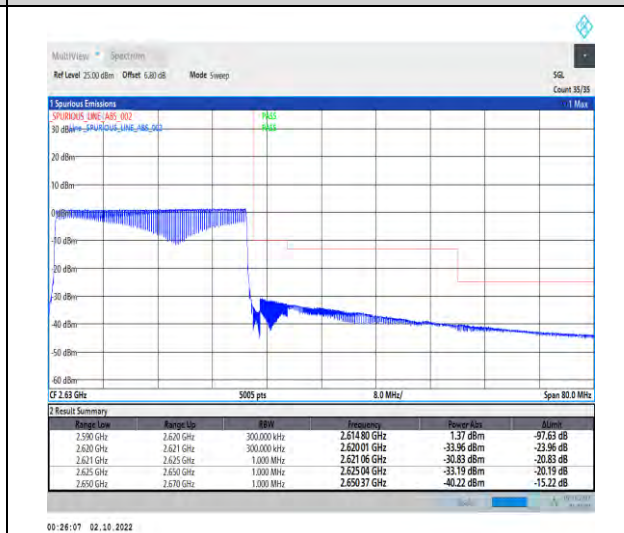
1-N38--30-30-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@77-Ant1-1--PASS-see graph



1-N38--30-30-H-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-1--PASS-see graph



1-N38--30-30-H-5-CP-QPSK-Edge\_1RB\_Right-1@77-Ant1-1--PASS-see graph



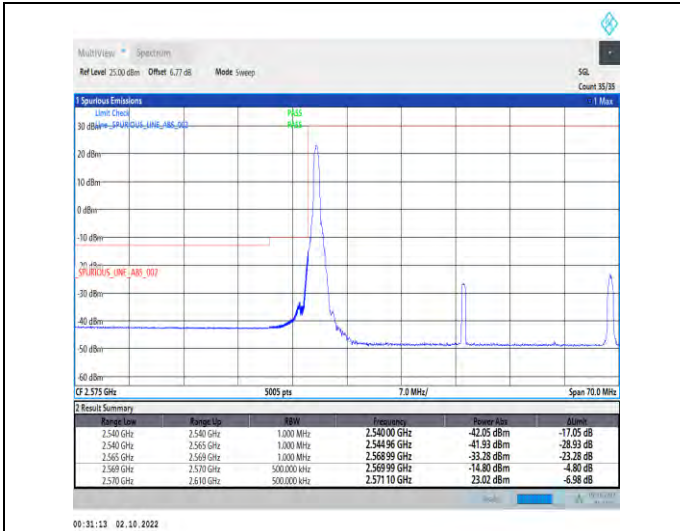
1-N38--30-30-H-6-CP-QPSK-Outer\_Full-78@0-Ant1-1--PASS-see graph



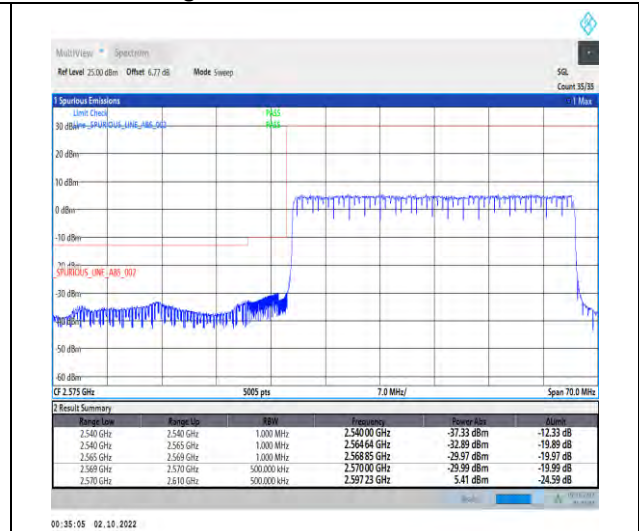
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

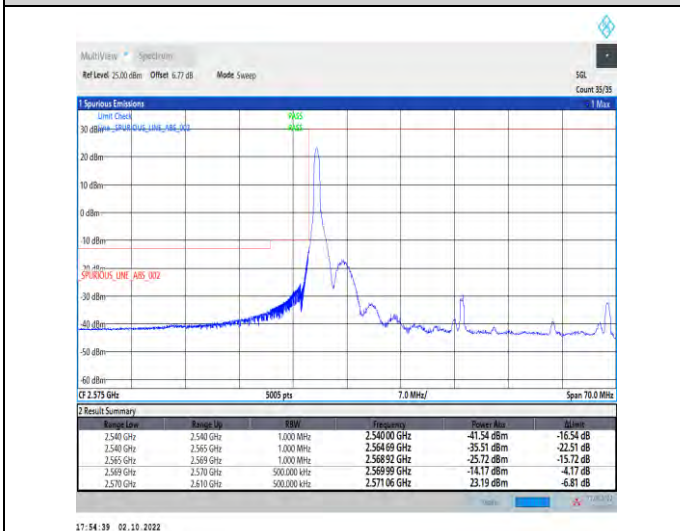




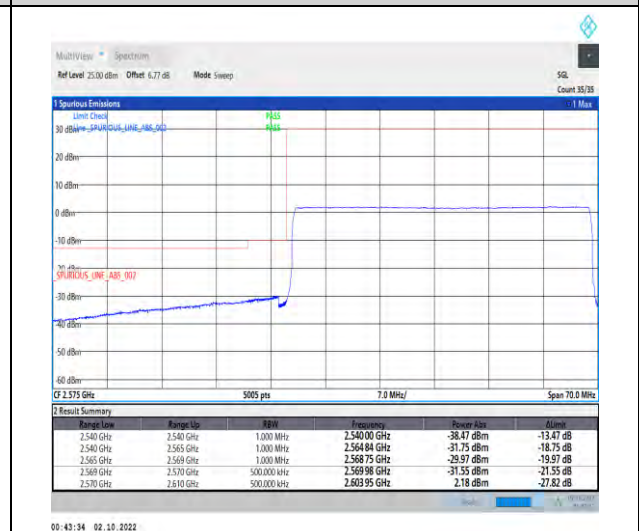
1-N38--30-40-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



1-N38--30-40-L-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-1--PASS-see graph



1-N38--30-40-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



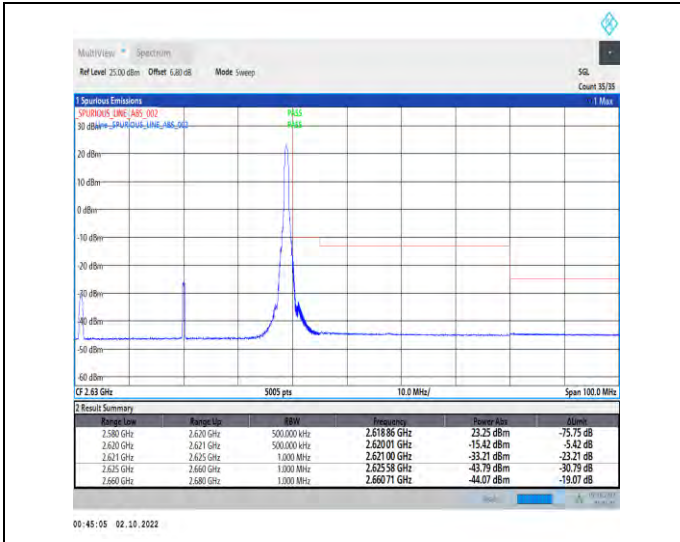
1-N38--30-40-L-6-CP-QPSK-Outer\_Full-106@0-Ant1-1--PASS-see graph



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 only 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](mailto:CN.Doccheck@sgs.com)

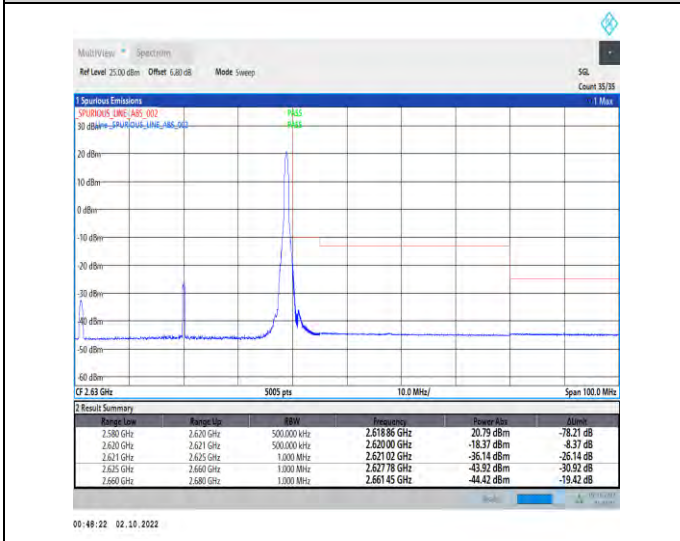
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



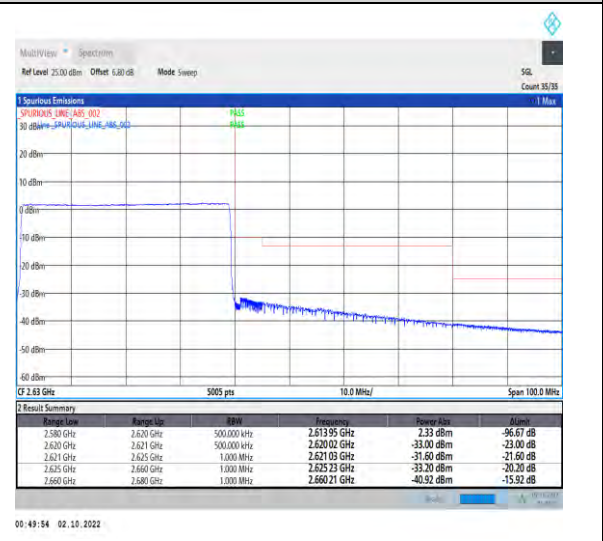
1-N38--30-40-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@105-Ant1-1--PASS-see graph



1-N38--30-40-H-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-1--PASS-see graph



1-N38--30-40-H-5-CP-QPSK-Edge\_1RB\_Right-1@105-Ant1-1--PASS-see graph



1-N38--30-40-H-6-CP-QPSK-Outer\_Full-106@0-Ant1-1--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 only at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

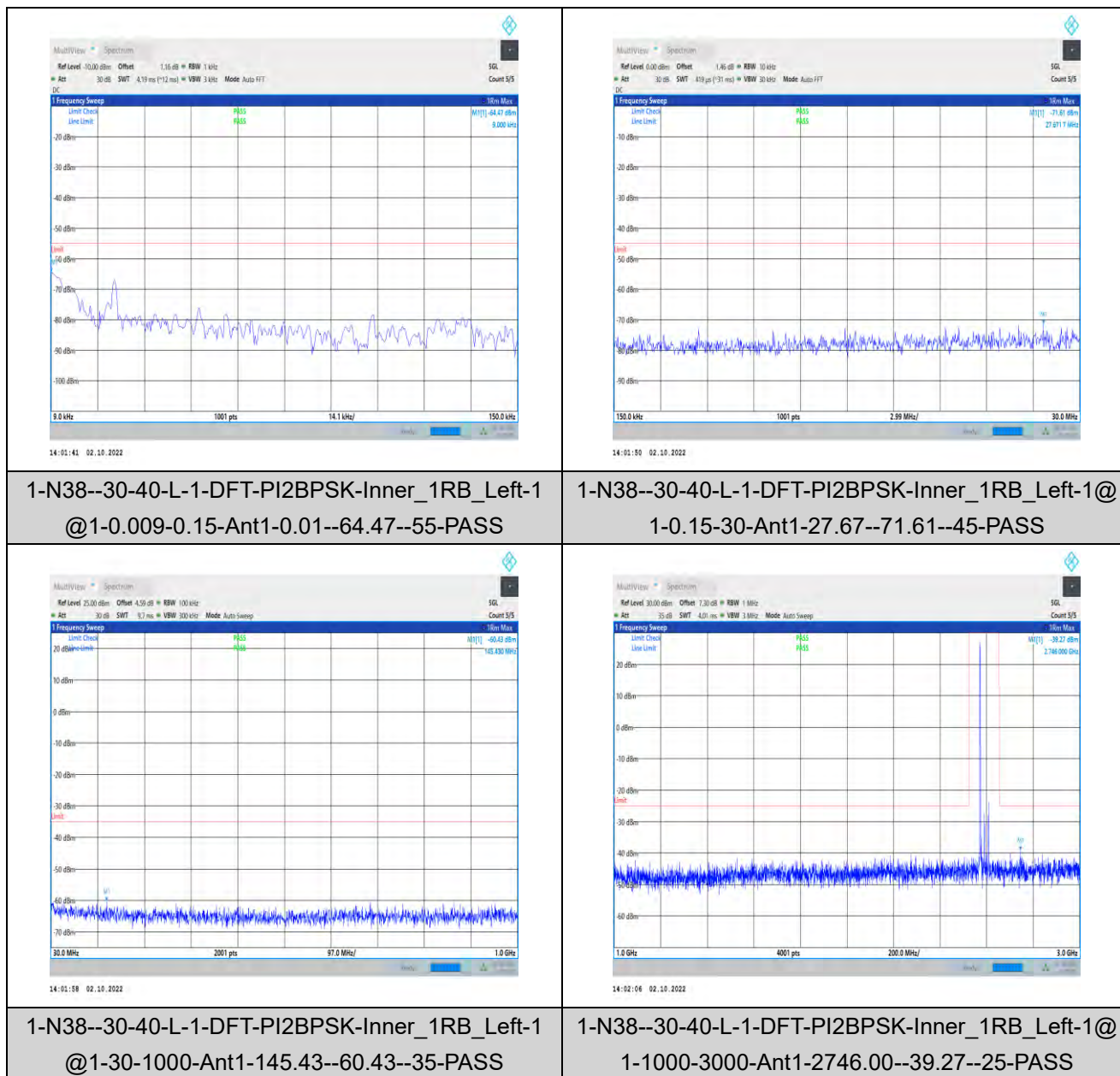
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



## Conducted Spurious Emission for SA

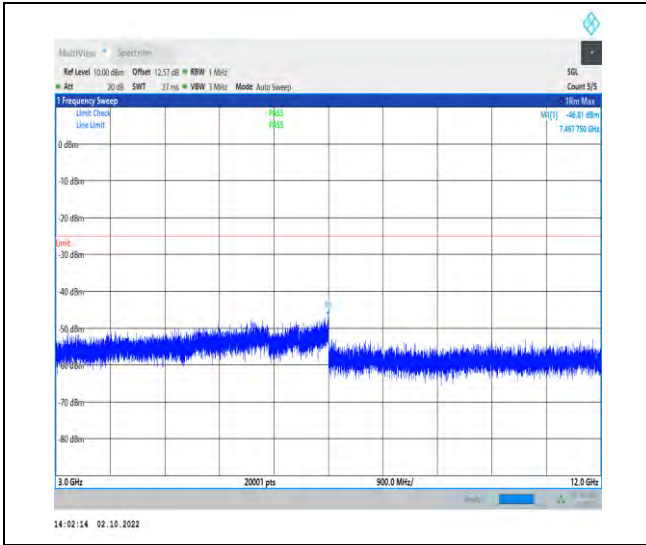
### Test Graphs



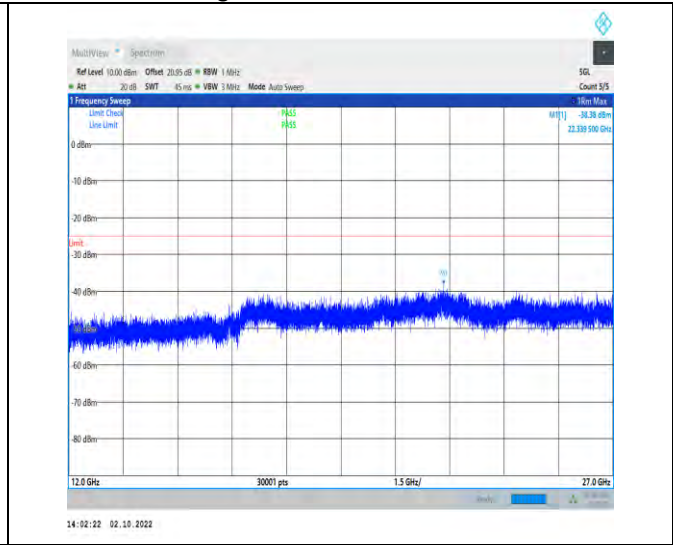
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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





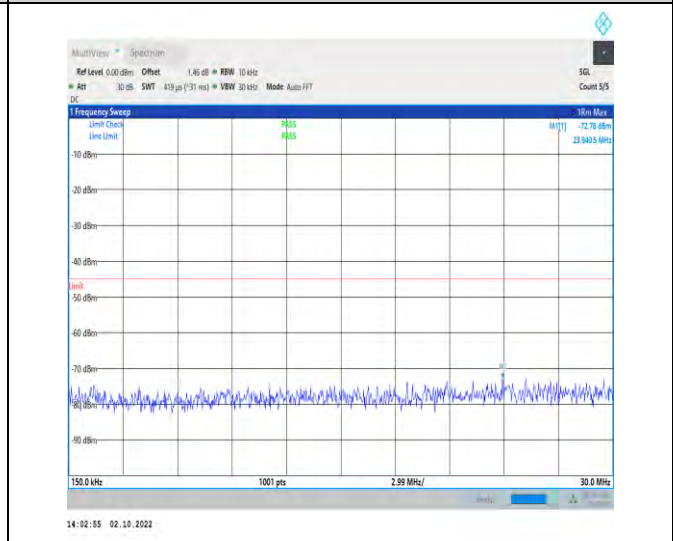
1-N38--30-40-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1  
@1-3000-12000-Ant1-7497.75--46.81--25-PASS



1-N38--30-40-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-12000-27000-Ant1-22339.50--38.38--25-PASS



1-N38--30-40-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1  
@1-0.009-0.15-Ant1-0.01--67.01--55-PASS

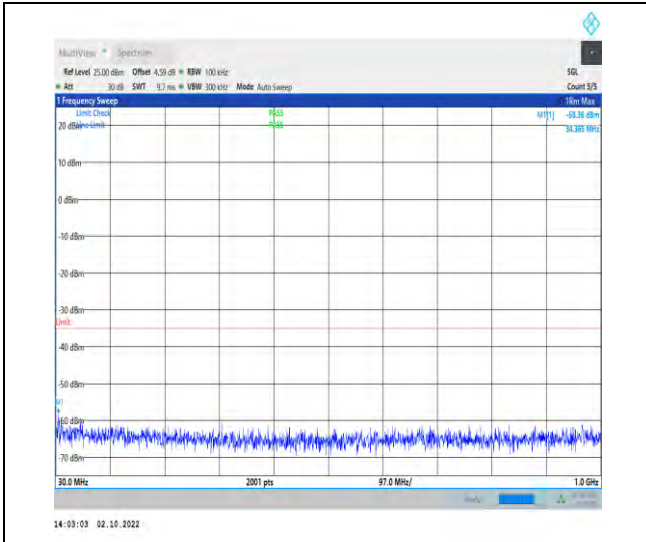


1-N38--30-40-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1  
@1-0.15-30-Ant1-23.94--72.78--45-PASS

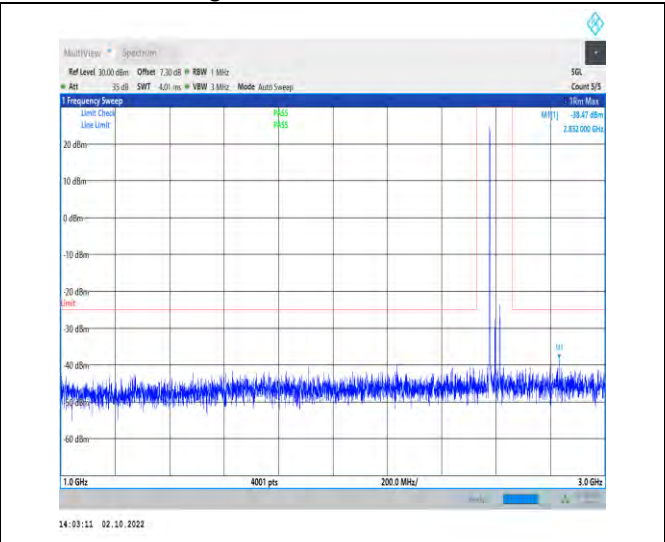


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

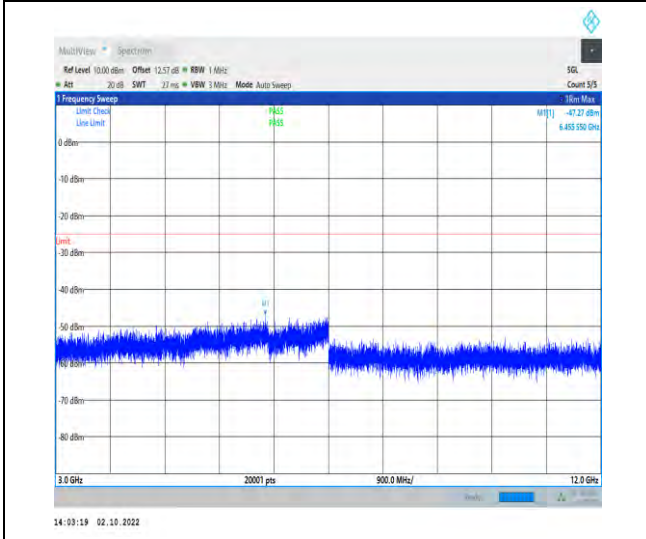
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)  
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free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



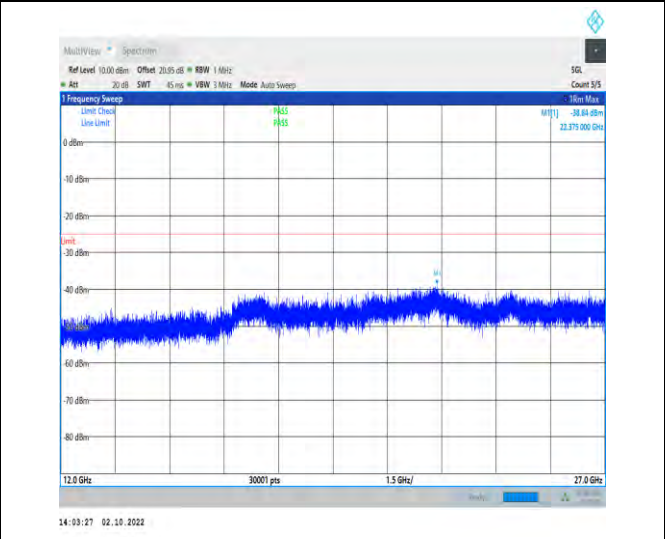
1-N38--30-40-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1  
@1-30-1000-Ant1-34.37--58.36--35-PASS



1-N38--30-40-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1  
@1-1000-3000-Ant1-2832.00--38.47--25-PASS



1-N38--30-40-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1  
@1-3000-12000-Ant1-6455.55--47.27--25-PASS



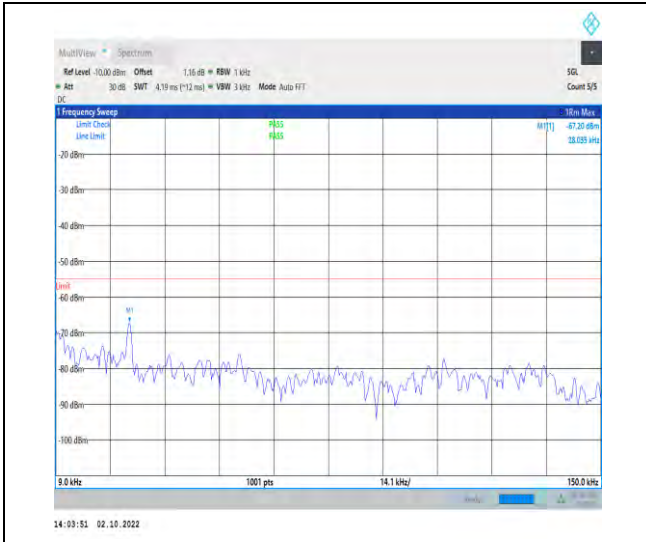
1-N38--30-40-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1  
@1-12000-27000-Ant1-22375.00--38.84--25-PASS



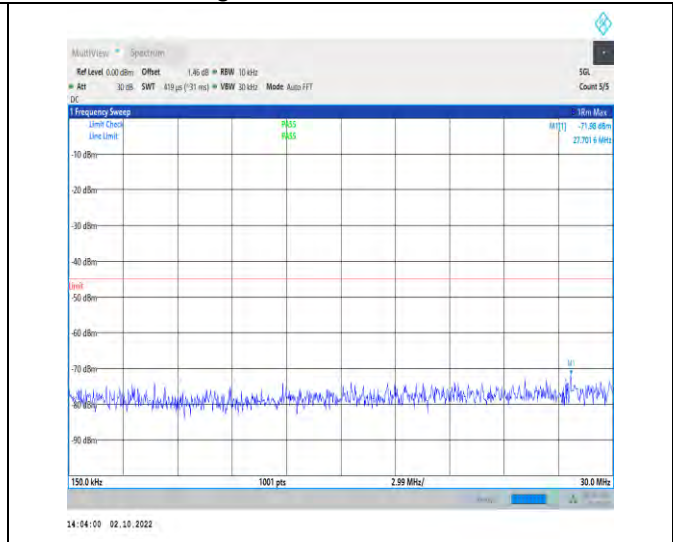
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

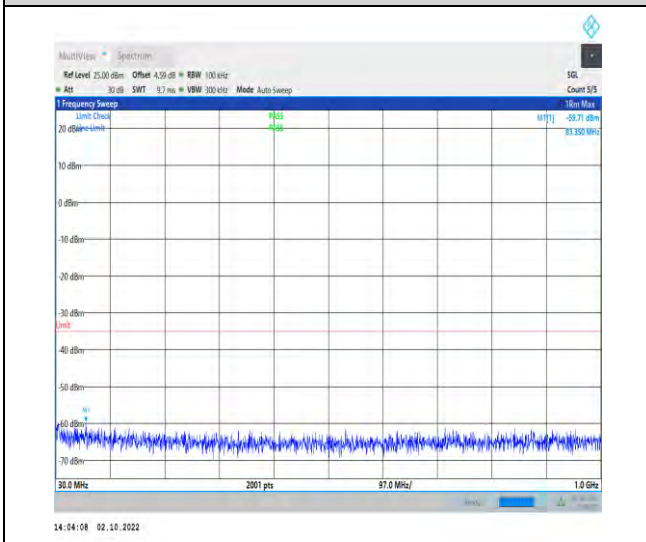




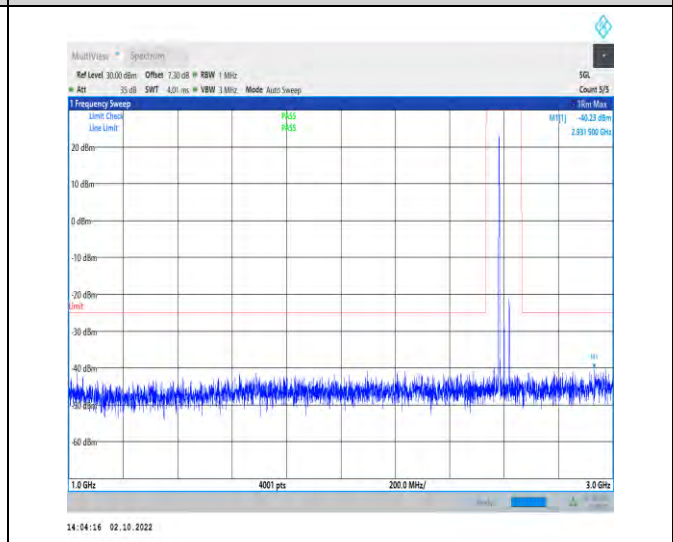
1-N38--30-40-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1  
@1-0.009-0.15-Ant1-0.03--67.20--55-PASS



1-N38--30-40-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1  
@1-0.15-30-Ant1-27.70--71.98--45-PASS



1-N38--30-40-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1  
@1-30-1000-Ant1-83.35--59.71--35-PASS



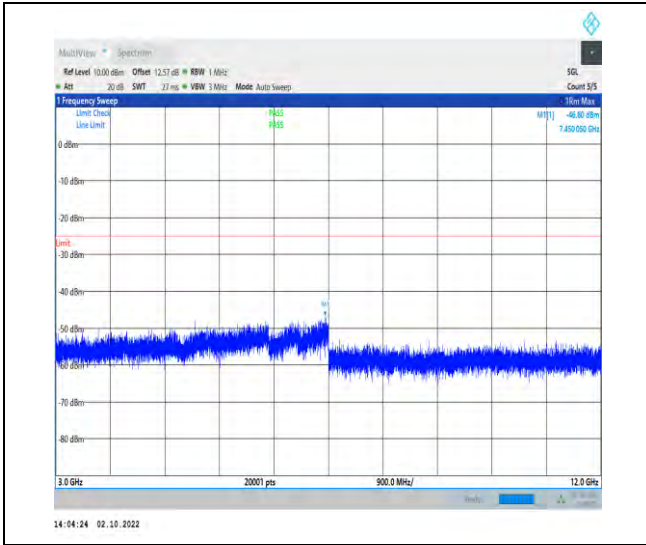
1-N38--30-40-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1  
@1-1000-3000-Ant1-2931.50--40.23--25-PASS



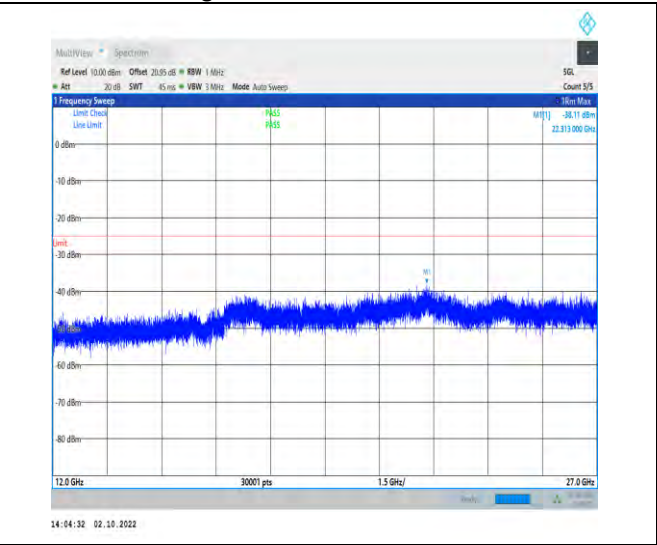
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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](mailto: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--30-40-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1  
 @1-3000-12000-Ant1-7450.05--46.80--25-PASS



1-N38--30-40-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1  
 @1-12000-27000-Ant1-22313.00--38.11--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](mailto: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号厂房南面 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

## Field Strength of Spurious Radiation

Test Band = SA Band 38 ANT0\_ TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.18	48.48	-44.23	32.60	-58.41	-25.00	33.41	265	181	Horizontal
2	7716.27	47.24	-41.21	36.93	-52.30	-25.00	27.30	241	3	Horizontal
3	10288.36	41.07	-36.80	38.82	-52.17	-25.00	27.17	102	148	Horizontal
4	12860.45	40.80	-34.95	39.46	-49.95	-25.00	24.95	142	181	Horizontal
5	15432.54	39.27	-33.97	38.64	-51.32	-25.00	26.32	263	102	Horizontal
6	17865	40.84	-30.97	42.06	-43.33	-25.00	18.33	269	205	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.18	49.17	-44.23	32.60	-57.72	-25.00	32.72	201	90	Vertical
2	7716.27	48.16	-41.21	36.93	-51.38	-25.00	26.38	142	333	Vertical
3	10288.36	40.85	-36.80	38.82	-52.39	-25.00	27.39	265	218	Vertical
4	12860.45	39.42	-34.95	39.46	-51.33	-25.00	26.33	288	360	Vertical
5	15432.54	39.77	-33.97	38.64	-50.82	-25.00	25.82	253	182	Vertical
6	17792.1429	41.30	-30.82	41.77	-43.01	-25.00	18.01	365	194	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](mailto: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号厂房南面 邮编: 215000

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

Test Band = SA Band 38 ANT0\_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5154.18	49.79	-44.21	32.60	-57.08	-25.00	32.08	251	360	Horizontal
2	7731.27	46.94	-41.11	36.96	-52.46	-25.00	27.46	142	137	Horizontal
3	10308.36	40.28	-36.80	38.84	-52.94	-25.00	27.94	296	360	Horizontal
4	12885.45	41.96	-34.89	39.49	-48.70	-25.00	23.70	263	58	Horizontal
5	15462.54	38.91	-34.06	38.60	-51.81	-25.00	26.81	365	171	Horizontal
6	17882.1429	40.83	-31.02	42.13	-43.32	-25.00	18.32	204	182	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5154.18	48.10	-44.21	32.60	-58.77	-25.00	33.77	201	359	Vertical
2	7731.27	49.22	-41.11	36.96	-50.18	-25.00	25.18	142	125	Vertical
3	10308.36	41.02	-36.80	38.84	-52.20	-25.00	27.20	251	101	Vertical
4	12885.45	41.40	-34.89	39.49	-49.26	-25.00	24.26	142	286	Vertical
5	15462.54	38.91	-34.06	38.60	-51.81	-25.00	26.81	268	24	Vertical
6	17875.7143	40.84	-31.00	42.10	-43.32	-25.00	18.32	288	159	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](mailto:CN.Doccheck@sgs.com)

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

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



Test Band = SA Band 38 ANT0\_ TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5164.18	50.37	-44.20	32.60	-56.49	-25.00	31.49	263	181	Horizontal
2	7746.27	47.92	-41.00	36.99	-51.35	-25.00	26.35	296	308	Horizontal
3	10328.36	40.82	-36.73	38.86	-52.31	-25.00	27.31	265	296	Horizontal
4	12910.45	40.78	-34.87	39.51	-49.84	-25.00	24.84	241	358	Horizontal
5	15492.54	39.06	-34.15	38.56	-51.79	-25.00	26.79	142	340	Horizontal
6	17875.7143	40.28	-31.00	42.10	-43.88	-25.00	18.88	286	181	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5164.18	49.21	-44.20	32.60	-57.65	-25.00	32.65	214	240	Vertical
2	7746.27	46.99	-41.00	36.99	-52.28	-25.00	27.28	146	181	Vertical
3	10328.36	40.71	-36.73	38.86	-52.42	-25.00	27.42	284	360	Vertical
4	12910.45	40.76	-34.87	39.51	-49.86	-25.00	24.86	284	355	Vertical
5	15492.54	38.98	-34.15	38.56	-51.87	-25.00	26.87	263	181	Vertical
6	17841.4286	41.51	-30.91	41.97	-42.70	-25.00	17.70	251	181	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-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

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

Test Band = SA Band 38 ANT1\_ TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.18	49.33	-44.23	32.60	-57.56	-25.00	32.56	263	215	Horizontal
2	7716.27	47.34	-41.21	36.93	-52.20	-25.00	27.20	265	227	Horizontal
3	10288.36	41.05	-36.80	38.82	-52.19	-25.00	27.19	241	360	Horizontal
4	12860.45	41.17	-34.95	39.46	-49.58	-25.00	24.58	142	360	Horizontal
5	15432.54	39.64	-33.97	38.64	-50.95	-25.00	25.95	296	330	Horizontal
6	17775	41.39	-30.85	41.70	-43.02	-25.00	18.02	285	359	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.18	49.79	-44.23	32.60	-57.10	-25.00	32.10	201	111	Vertical
2	7716.27	46.76	-41.21	36.93	-52.78	-25.00	27.78	142	348	Vertical
3	10288.36	41.38	-36.80	38.82	-51.86	-25.00	26.86	265	2	Vertical
4	12860.45	39.48	-34.95	39.46	-51.27	-25.00	26.27	284	123	Vertical
5	15432.54	38.54	-33.97	38.64	-52.05	-25.00	27.05	142	135	Vertical
6	17867.1429	41.46	-30.98	42.07	-42.71	-25.00	17.71	284	237	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-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

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

**Test Band = SA Band 38 ANT1\_ TM1**

**Test Channel = Mid Channel**

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5154.18	49.33	-44.21	32.60	-57.54	-25.00	32.54	263	184	Horizontal
2	7731.27	45.92	-41.11	36.96	-53.48	-25.00	28.48	285	208	Horizontal
3	10308.36	40.21	-36.80	38.84	-53.01	-25.00	28.01	241	229	Horizontal
4	12885.45	40.85	-34.89	39.49	-49.81	-25.00	24.81	102	251	Horizontal
5	15462.54	38.24	-34.06	38.60	-52.48	-25.00	27.48	142	360	Horizontal
6	17865	40.57	-30.97	42.06	-43.60	-25.00	18.60	263	309	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5154.18	48.35	-44.21	32.60	-58.52	-25.00	33.52	296	264	Vertical
2	7731.27	46.90	-41.11	36.96	-52.50	-25.00	27.50	254	360	Vertical
3	10308.36	40.90	-36.80	38.84	-52.32	-25.00	27.32	145	360	Vertical
4	12885.45	41.52	-34.89	39.49	-49.14	-25.00	24.14	263	90	Vertical
5	15462.54	37.96	-34.06	38.60	-52.76	-25.00	27.76	201	11	Vertical
6	17946.4286	40.32	-31.23	42.39	-43.79	-25.00	18.79	145	102	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](mailto: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号厂房南面 邮编: 215000

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



**Test Band = SA Band 38 ANT1\_ TM1**

**Test Channel = High Channel**

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5164.18	49.07	-44.20	32.60	-57.79	-25.00	32.79	296	360	Horizontal
2	7746.27	47.15	-41.00	36.99	-52.12	-25.00	27.12	254	104	Horizontal
3	10328.36	40.12	-36.73	38.86	-53.01	-25.00	28.01	142	57	Horizontal
4	12910.45	39.67	-34.87	39.51	-50.95	-25.00	25.95	253	228	Horizontal
5	15492.54	39.26	-34.15	38.56	-51.59	-25.00	26.59	201	320	Horizontal
6	17768.5714	41.08	-30.86	41.67	-43.37	-25.00	18.37	196	359	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5164.18	48.82	-44.20	32.60	-58.04	-25.00	33.04	201	359	Vertical
2	7746.27	48.42	-41.00	36.99	-50.85	-25.00	25.85	142	215	Vertical
3	10328.36	40.68	-36.73	38.86	-52.45	-25.00	27.45	263	113	Vertical
4	12910.45	40.64	-34.87	39.51	-49.98	-25.00	24.98	296	3	Vertical
5	15492.54	40.25	-34.15	38.56	-50.60	-25.00	25.60	255	137	Vertical
6	17873.5714	40.77	-30.99	42.09	-43.39	-25.00	18.39	284	149	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 e-mail: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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

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

Test Band = SA Band 38 ANT2\_ TM1

Test Channel = LowChannel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.18	48.53	-44.23	32.60	-58.36	-25.00	33.36	296	360	Horizontal
2	7716.27	46.72	-41.21	36.93	-52.82	-25.00	27.82	365	252	Horizontal
3	10288.36	40.61	-36.80	38.82	-52.63	-25.00	27.63	255	263	Horizontal
4	12860.45	39.53	-34.95	39.46	-51.22	-25.00	26.22	241	57	Horizontal
5	15432.54	38.37	-33.97	38.64	-52.22	-25.00	27.22	102	208	Horizontal
6	17616.4286	39.48	-31.66	41.07	-46.38	-25.00	21.38	142	92	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.18	48.93	-44.23	32.60	-57.96	-25.00	32.96	296	66	Vertical
2	7716.27	47.57	-41.21	36.93	-51.97	-25.00	26.97	265	3	Vertical
3	10288.36	40.81	-36.80	38.82	-52.43	-25.00	27.43	241	357	Vertical
4	12860.45	40.00	-34.95	39.46	-50.75	-25.00	25.75	142	359	Vertical
5	15432.54	38.24	-33.97	38.64	-52.35	-25.00	27.35	288	216	Vertical
6	17995.7143	40.06	-31.41	42.58	-44.03	-25.00	19.03	256	249	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](mailto:CN.Doccheck@sgs.com)

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

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

Test Band = SA Band 38 ANT2\_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5154.18	48.84	-44.21	32.60	-58.03	-25.00	33.03	142	360	Horizontal
2	7731.27	47.00	-41.11	36.96	-52.40	-25.00	27.40	265	3	Horizontal
3	10308.36	39.77	-36.80	38.84	-53.45	-25.00	28.45	296	80	Horizontal
4	12885.45	40.15	-34.89	39.49	-50.51	-25.00	25.51	263	44	Horizontal
5	15462.54	37.75	-34.06	38.60	-52.97	-25.00	27.97	265	3	Horizontal
6	17882.1429	40.31	-31.02	42.13	-43.84	-25.00	18.84	284	148	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5154.18	49.12	-44.21	32.60	-57.75	-25.00	32.75	265	360	Vertical
2	7731.27	46.53	-41.11	36.96	-52.87	-25.00	27.87	241	360	Vertical
3	10308.36	40.17	-36.80	38.84	-53.05	-25.00	28.05	142	92	Vertical
4	12885.45	41.44	-34.89	39.49	-49.22	-25.00	24.22	255	68	Vertical
5	15462.54	38.69	-34.06	38.60	-52.03	-25.00	27.03	286	358	Vertical
6	17858.5714	40.75	-30.96	42.03	-43.43	-25.00	18.43	263	360	Vertical



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto: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号厂房南面 邮编: 215000

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



Test Band = SA Band 38 ANT2\_ TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5164.18	48.90	-44.20	32.60	-57.96	-25.00	32.96	263	77	Horizontal
2	7746.27	47.10	-41.00	36.99	-52.17	-25.00	27.17	296	215	Horizontal
3	10328.36	40.41	-36.73	38.86	-52.72	-25.00	27.72	265	21	Horizontal
4	12910.45	40.73	-34.87	39.51	-49.89	-25.00	24.89	241	272	Horizontal
5	15492.54	38.74	-34.15	38.56	-52.11	-25.00	27.11	178	54	Horizontal
6	17959.2857	40.88	-31.28	42.44	-43.22	-25.00	18.22	226	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5164.18	50.42	-44.20	32.60	-56.44	-25.00	31.44	263	340	Vertical
2	7746.27	47.58	-41.00	36.99	-51.69	-25.00	26.69	241	360	Vertical
3	10328.36	40.69	-36.73	38.86	-52.44	-25.00	27.44	142	57	Vertical
4	12910.45	39.92	-34.87	39.51	-50.70	-25.00	25.70	268	136	Vertical
5	15492.54	39.22	-34.15	38.56	-51.63	-25.00	26.63	241	273	Vertical
6	17772.8571	40.85	-30.85	41.69	-43.57	-25.00	18.57	189	360	Vertical



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

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

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

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

Test Band = SA Band 38 ANT3\_ TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.18	48.78	-44.23	32.60	-58.11	-25.00	33.11	263	217	Horizontal
2	7716.27	47.25	-41.21	36.93	-52.29	-25.00	27.29	265	217	Horizontal
3	10288.36	40.65	-36.80	38.82	-52.59	-25.00	27.59	241	217	Horizontal
4	12860.45	40.12	-34.95	39.46	-50.63	-25.00	25.63	145	78	Horizontal
5	15432.54	39.14	-33.97	38.64	-51.45	-25.00	26.45	286	274	Horizontal
6	17867.1429	40.37	-30.98	42.07	-43.80	-25.00	18.80	223	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.18	49.36	-44.23	32.60	-57.53	-25.00	32.53	296	3	Vertical
2	7716.27	47.18	-41.21	36.93	-52.36	-25.00	27.36	265	196	Vertical
3	10288.36	41.88	-36.80	38.82	-51.36	-25.00	26.36	241	358	Vertical
4	12860.45	40.21	-34.95	39.46	-50.54	-25.00	25.54	175	331	Vertical
5	15432.54	39.39	-33.97	38.64	-51.20	-25.00	26.20	286	21	Vertical
6	17995.7143	40.54	-31.41	42.58	-43.55	-25.00	18.55	224	360	Vertical



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

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

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

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

Test Band = SA Band 38 ANT3\_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5154.18	48.71	-44.21	32.60	-58.16	-25.00	33.16	296	285	Horizontal
2	7731.27	46.73	-41.11	36.96	-52.67	-25.00	27.67	265	319	Horizontal
3	10308.36	40.37	-36.80	38.84	-52.85	-25.00	27.85	241	10	Horizontal
4	12885.45	40.83	-34.89	39.49	-49.83	-25.00	24.83	142	124	Horizontal
5	15462.54	38.69	-34.06	38.60	-52.03	-25.00	27.03	285	360	Horizontal
6	17974.2857	40.81	-31.33	42.50	-43.29	-25.00	18.29	263	157	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5154.18	49.27	-44.21	32.60	-57.60	-25.00	32.60	265	171	Vertical
2	7731.27	46.26	-41.11	36.96	-53.14	-25.00	28.14	241	31	Vertical
3	10308.36	40.09	-36.80	38.84	-53.13	-25.00	28.13	174	261	Vertical
4	12885.45	40.59	-34.89	39.49	-50.07	-25.00	25.07	145	3	Vertical
5	15462.54	39.35	-34.06	38.60	-51.37	-25.00	26.37	266	159	Vertical
6	17987.1429	41.03	-31.38	42.55	-43.06	-25.00	18.06	204	31	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](mailto: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号厂房南面 邮编: 215000

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



**Test Band = SA Band 38 ANT3\_ TM1**  
**Test Channel = High Channel**

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5164.18	49.39	-44.20	32.60	-57.47	-25.00	32.47	296	360	Horizontal
2	7746.27	46.79	-41.00	36.99	-52.48	-25.00	27.48	265	218	Horizontal
3	10328.36	40.17	-36.73	38.86	-52.96	-25.00	27.96	241	149	Horizontal
4	12910.45	40.69	-34.87	39.51	-49.93	-25.00	24.93	142	264	Horizontal
5	15492.54	39.08	-34.15	38.56	-51.77	-25.00	26.77	201	218	Horizontal
6	17777.1429	41.48	-30.85	41.71	-42.92	-25.00	17.92	142	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5164.18	49.24	-44.20	32.60	-57.62	-25.00	32.62	263	12	Vertical
2	7746.27	47.59	-41.00	36.99	-51.68	-25.00	26.68	269	90	Vertical
3	10328.36	42.19	-36.73	38.86	-50.94	-25.00	25.94	241	190	Vertical
4	12910.45	39.48	-34.87	39.51	-51.14	-25.00	26.14	142	180	Vertical
5	15492.54	40.00	-34.15	38.56	-50.85	-25.00	25.85	288	354	Vertical
6	17832.8571	40.92	-30.89	41.93	-43.30	-25.00	18.30	263	358	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.  
 Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto: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号厂房南面 邮编: 215000

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

## Frequency Stability for SA

### Test Result

#### Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	-2.000000	-0.000771	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	-0.400000	-0.000154	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	3.100000	0.001195	PASS
N38	30	40	CP-QPSK	M	Outer_Full	VH	NT	1.600000	0.000617	PASS
N38	30	40	CP-QPSK	M	Outer_Full	VN	NT	-0.400000	-0.000154	PASS
N38	30	40	CP-QPSK	M	Outer_Full	VL	NT	1.100000	0.000424	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](mailto:CN.Doccheck@sgs.com)

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

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

**Frequency Error VS. Temperature**

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	-2.500000	-0.000963	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	8.200000	0.003160	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	-0.600000	-0.000231	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	0	-2.600000	-0.001002	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	10	1.200000	0.000462	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	20	1.800000	0.000694	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	30	7.800000	0.003006	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	40	-0.500000	-0.000193	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	50	2.500000	0.000963	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-30	-1.600000	-0.000617	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-20	0.500000	0.000193	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-10	-0.500000	-0.000193	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	0	6.900000	0.002659	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	10	6.300000	0.002428	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	20	5.600000	0.002158	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	30	-1.400000	-0.000539	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	40	-1.100000	-0.000424	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	50	-2.300000	-0.000886	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](mailto:CN.Doccheck@sgs.com)

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

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