

Report No.: SEWM2307000261RG02

Rev.: 01

Page: 1 of 73

# Appendix B.24

## NR Band n78(3450-3550)



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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
t (86-512) 62992980 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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

### Test Result

#### Ant6:

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N78(3450-3550)	30	100	DFT-PI2BPSK	M	1RB1	27.15	29.75	30	PASS
N78(3450-3550)	30	100	DFT-PI2BPSK	M	1RB271	26.60	29.20	30	PASS
N78(3450-3550)	30	100	DFT-PI2BPSK	M	272RB0	25.93	28.53	30	PASS
N78(3450-3550)	30	100	DFT-QPSK	M	1RB1	27.15	29.75	30	PASS
N78(3450-3550)	30	100	DFT-QPSK	M	1RB271	26.67	29.27	30	PASS
N78(3450-3550)	30	100	DFT-QPSK	M	272RB0	25.79	28.39	30	PASS
N78(3450-3550)	30	100	DFT-16QAM	M	1RB1	26.28	28.88	30	PASS
N78(3450-3550)	30	100	DFT-64QAM	M	1RB1	24.94	27.54	30	PASS
N78(3450-3550)	30	100	DFT-256QAM	M	1RB1	22.74	25.34	30	PASS
N78(3450-3550)	30	100	CP-QPSK	M	1RB1	25.11	27.71	30	PASS
N78(3450-3550)	30	90	DFT-QPSK	L	1RB1	26.85	29.45	30	PASS
N78(3450-3550)	30	90	DFT-16QAM	L	1RB1	25.37	27.97	30	PASS
N78(3450-3550)	30	90	DFT-QPSK	M	1RB1	26.67	29.27	30	PASS
N78(3450-3550)	30	90	DFT-16QAM	M	1RB1	25.82	28.42	30	PASS
N78(3450-3550)	30	90	DFT-QPSK	H	1RB1	26.68	29.28	30	PASS
N78(3450-3550)	30	90	DFT-16QAM	H	1RB1	25.64	28.24	30	PASS
N78(3450-3550)	30	80	DFT-QPSK	L	1RB1	26.57	29.17	30	PASS
N78(3450-3550)	30	80	DFT-16QAM	L	1RB1	25.37	27.97	30	PASS
N78(3450-3550)	30	80	DFT-QPSK	M	1RB1	26.81	29.41	30	PASS
N78(3450-3550)	30	80	DFT-16QAM	M	1RB1	25.66	28.26	30	PASS
N78(3450-3550)	30	80	DFT-QPSK	H	1RB1	26.80	29.40	30	PASS
N78(3450-3550)	30	80	DFT-16QAM	H	1RB1	25.38	27.98	30	PASS
N78(3450-3550)	30	70	DFT-QPSK	L	1RB1	26.89	29.49	30	PASS
N78(3450-3550)	30	70	DFT-16QAM	L	1RB1	25.74	28.34	30	PASS
N78(3450-3550)	30	70	DFT-QPSK	M	1RB1	26.73	29.33	30	PASS
N78(3450-3550)	30	70	DFT-16QAM	M	1RB1	25.61	28.21	30	PASS
N78(3450-3550)	30	70	DFT-QPSK	H	1RB1	26.74	29.34	30	PASS
N78(3450-3550)	30	70	DFT-16QAM	H	1RB1	25.49	28.09	30	PASS
N78(3450-3550)	30	60	DFT-QPSK	L	1RB1	26.69	29.29	30	PASS
N78(3450-3550)	30	60	DFT-16QAM	L	1RB1	25.68	28.28	30	PASS



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

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

South of No. 6 Plant, No. 1, Ransheng 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.: SEWM2307000261RG02

Rev.: 01

Page: 3 of 73

N78(3450-3550)	30	60	DFT-QPSK	M	1RB1	26.76	29.36	30	PASS
N78(3450-3550)	30	60	DFT-16QAM	M	1RB1	25.55	28.15	30	PASS
N78(3450-3550)	30	60	DFT-QPSK	H	1RB1	26.64	29.24	30	PASS
N78(3450-3550)	30	60	DFT-16QAM	H	1RB1	25.61	28.21	30	PASS
N78(3450-3550)	30	50	DFT-QPSK	L	1RB1	26.63	29.23	30	PASS
N78(3450-3550)	30	50	DFT-16QAM	L	1RB1	25.50	28.10	30	PASS
N78(3450-3550)	30	50	DFT-QPSK	M	1RB1	26.89	29.49	30	PASS
N78(3450-3550)	30	50	DFT-16QAM	M	1RB1	25.49	28.09	30	PASS
N78(3450-3550)	30	50	DFT-QPSK	H	1RB1	26.72	29.32	30	PASS
N78(3450-3550)	30	50	DFT-16QAM	H	1RB1	25.67	28.27	30	PASS
N78(3450-3550)	30	40	DFT-QPSK	L	1RB1	26.92	29.52	30	PASS
N78(3450-3550)	30	40	DFT-16QAM	L	1RB1	25.58	28.18	30	PASS
N78(3450-3550)	30	40	DFT-QPSK	M	1RB1	26.44	29.04	30	PASS
N78(3450-3550)	30	40	DFT-16QAM	M	1RB1	25.63	28.23	30	PASS
N78(3450-3550)	30	40	DFT-QPSK	H	1RB1	26.69	29.29	30	PASS
N78(3450-3550)	30	40	DFT-16QAM	H	1RB1	25.70	28.30	30	PASS
N78(3450-3550)	30	30	DFT-QPSK	L	1RB1	26.56	29.16	30	PASS
N78(3450-3550)	30	30	DFT-16QAM	L	1RB1	25.69	28.29	30	PASS
N78(3450-3550)	30	30	DFT-QPSK	M	1RB1	26.85	29.45	30	PASS
N78(3450-3550)	30	30	DFT-16QAM	M	1RB1	25.51	28.11	30	PASS
N78(3450-3550)	30	30	DFT-QPSK	H	1RB1	26.62	29.22	30	PASS
N78(3450-3550)	30	30	DFT-16QAM	H	1RB1	25.75	28.35	30	PASS
N78(3450-3550)	30	20	DFT-QPSK	L	1RB1	26.68	29.28	30	PASS
N78(3450-3550)	30	20	DFT-16QAM	L	1RB1	25.46	28.06	30	PASS
N78(3450-3550)	30	20	DFT-QPSK	M	1RB1	26.81	29.41	30	PASS
N78(3450-3550)	30	20	DFT-16QAM	M	1RB1	25.64	28.24	30	PASS
N78(3450-3550)	30	20	DFT-QPSK	H	1RB1	26.70	29.30	30	PASS
N78(3450-3550)	30	20	DFT-16QAM	H	1RB1	25.62	28.22	30	PASS
N78(3450-3550)	30	15	DFT-QPSK	L	1RB1	26.59	29.19	30	PASS
N78(3450-3550)	30	15	DFT-16QAM	L	1RB1	25.55	28.15	30	PASS
N78(3450-3550)	30	15	DFT-QPSK	M	1RB1	26.72	29.32	30	PASS
N78(3450-3550)	30	15	DFT-16QAM	M	1RB1	25.73	28.33	30	PASS
N78(3450-3550)	30	15	DFT-QPSK	H	1RB1	26.67	29.27	30	PASS
N78(3450-3550)	30	15	DFT-16QAM	H	1RB1	25.40	28.00	30	PASS
N78(3450-3550)	30	10	DFT-QPSK	L	1RB1	26.72	29.32	30	PASS
N78(3450-3550)	30	10	DFT-16QAM	L	1RB1	25.31	27.91	30	PASS
N78(3450-3550)	30	10	DFT-QPSK	M	1RB1	26.63	29.23	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/inpection 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, Ransheng 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.: SEWM2307000261RG02

Rev.: 01

Page: 4 of 73

N78(3450-3550)	30	10	DFT-16QAM	M	1RB1	25.88	28.48	30	PASS
N78(3450-3550)	30	10	DFT-QPSK	H	1RB1	26.71	29.31	30	PASS
N78(3450-3550)	30	10	DFT-16QAM	H	1RB1	25.38	27.98	30	PASS



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

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

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

## Peak-to-Average Ratio for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N78-3450-3550	30	100	DFT-256QAM	L	Outer_Full	9.31	≤13	PASS
N78-3450-3550	30	100	CP-256QAM	L	Outer_Full	9.32	≤13	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	9.47	≤13	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	9.93	≤13	PASS
N78-3450-3550	30	100	DFT-256QAM	H	Outer_Full	9.89	≤13	PASS
N78-3450-3550	30	100	CP-256QAM	H	Outer_Full	9.30	≤13	PASS



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

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

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

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

Test Graphs

<p>1-N78-3450-3550-PC2-30-100-L-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.40-100%-0.00-9.40-PASS-≤1</p> <p style="text-align: center;">3</p>	<p>1-N78-3450-3550-PC2-30-100-L-2-CP-256QAM-Outer_Full-273@0-Ant1-9.54-100%-0.00-9.54-PASS-≤1</p> <p style="text-align: center;">3</p>
<p>1-N78-3450-3550-PC2-30-100-M-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.64-100%-0.00-9.64-PASS-≤1</p> <p style="text-align: center;">13</p>	<p>1-N78-3450-3550-PC2-30-100-M-2-CP-256QAM-Outer_Full-273@0-Ant1-9.70-100%-0.00-9.70-PASS-≤1</p> <p style="text-align: center;">3</p>



<p>1-N78-3450-3550-PC2-30-100-H-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.79-100%-0.00-9.79-PASS-≤1</p> <p style="text-align: center;">3</p>	<p>1-N78-3450-3550-PC2-30-100-H-2-CP-256QAM-Outer_Full-273@0-Ant1-9.68-100%-0.00-9.68-PASS-≤1</p> <p style="text-align: center;">3</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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

## 26dB Bandwidth and Occupied Bandwidth for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N78-3450-3550	30	10	DFT-QPSK	M	Outer_Full	8.564	9.580	PASS
N78-3450-3550	30	10	DFT-PI2BPSK	M	Outer_Full	8.575	9.580	PASS
N78-3450-3550	30	10	DFT-16QAM	M	Outer_Full	8.595	9.640	PASS
N78-3450-3550	30	10	DFT-64QAM	M	Outer_Full	8.555	9.820	PASS
N78-3450-3550	30	10	DFT-256QAM	M	Outer_Full	8.591	9.500	PASS
N78-3450-3550	30	10	CP-QPSK	M	Outer_Full	8.587	9.860	PASS
N78-3450-3550	30	10	CP-16QAM	M	Outer_Full	8.587	9.780	PASS
N78-3450-3550	30	10	CP-64QAM	M	Outer_Full	8.602	9.660	PASS
N78-3450-3550	30	10	CP-256QAM	M	Outer_Full	8.585	9.260	PASS
N78-3450-3550	30	15	DFT-QPSK	M	Outer_Full	12.83	14.100	PASS
N78-3450-3550	30	15	DFT-PI2BPSK	M	Outer_Full	12.873	13.860	PASS
N78-3450-3550	30	15	DFT-16QAM	M	Outer_Full	12.843	14.220	PASS
N78-3450-3550	30	15	DFT-64QAM	M	Outer_Full	12.896	14.340	PASS
N78-3450-3550	30	15	DFT-256QAM	M	Outer_Full	12.807	13.980	PASS
N78-3450-3550	30	15	CP-QPSK	M	Outer_Full	13.622	14.370	PASS
N78-3450-3550	30	15	CP-16QAM	M	Outer_Full	13.588	14.550	PASS
N78-3450-3550	30	15	CP-64QAM	M	Outer_Full	13.561	14.580	PASS
N78-3450-3550	30	15	CP-256QAM	M	Outer_Full	13.62	14.670	PASS
N78-3450-3550	30	20	DFT-QPSK	M	Outer_Full	17.806	19.120	PASS
N78-3450-3550	30	20	DFT-PI2BPSK	M	Outer_Full	17.813	19.040	PASS
N78-3450-3550	30	20	DFT-16QAM	M	Outer_Full	17.853	19.360	PASS
N78-3450-3550	30	20	DFT-64QAM	M	Outer_Full	17.727	19.400	PASS
N78-3450-3550	30	20	DFT-256QAM	M	Outer_Full	17.788	18.960	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	18.263	19.640	PASS
N78-3450-3550	30	20	CP-16QAM	M	Outer_Full	18.212	19.240	PASS
N78-3450-3550	30	20	CP-64QAM	M	Outer_Full	18.163	19.600	PASS
N78-3450-3550	30	20	CP-256QAM	M	Outer_Full	18.18	19.320	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Outer_Full	26.87	28.560	PASS
N78-3450-3550	30	30	DFT-PI2BPSK	M	Outer_Full	26.651	28.260	PASS
N78-3450-3550	30	30	DFT-16QAM	M	Outer_Full	26.705	28.260	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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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





Report No.: SEWM2307000261RG02

Rev.: 01

Page: 9 of 73

N78-3450-3550	30	30	DFT-64QAM	M	Outer_Full	26.721	28.140	PASS
N78-3450-3550	30	30	DFT-256QAM	M	Outer_Full	26.752	28.080	PASS
N78-3450-3550	30	30	CP-QPSK	M	Outer_Full	27.841	29.400	PASS
N78-3450-3550	30	30	CP-16QAM	M	Outer_Full	27.863	29.220	PASS
N78-3450-3550	30	30	CP-64QAM	M	Outer_Full	27.846	29.520	PASS
N78-3450-3550	30	30	CP-256QAM	M	Outer_Full	27.808	29.340	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Outer_Full	35.71	37.760	PASS
N78-3450-3550	30	40	DFT-PI2BPSK	M	Outer_Full	35.799	37.760	PASS
N78-3450-3550	30	40	DFT-16QAM	M	Outer_Full	35.609	37.360	PASS
N78-3450-3550	30	40	DFT-64QAM	M	Outer_Full	35.768	37.360	PASS
N78-3450-3550	30	40	DFT-256QAM	M	Outer_Full	35.717	37.840	PASS
N78-3450-3550	30	40	CP-QPSK	M	Outer_Full	37.821	39.680	PASS
N78-3450-3550	30	40	CP-16QAM	M	Outer_Full	37.799	39.600	PASS
N78-3450-3550	30	40	CP-64QAM	M	Outer_Full	37.77	39.680	PASS
N78-3450-3550	30	40	CP-256QAM	M	Outer_Full	37.787	39.440	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Outer_Full	45.588	47.800	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	M	Outer_Full	45.677	47.700	PASS
N78-3450-3550	30	50	DFT-16QAM	M	Outer_Full	45.669	47.500	PASS
N78-3450-3550	30	50	DFT-64QAM	M	Outer_Full	45.683	47.500	PASS
N78-3450-3550	30	50	DFT-256QAM	M	Outer_Full	45.804	47.600	PASS
N78-3450-3550	30	50	CP-QPSK	M	Outer_Full	47.336	49.700	PASS
N78-3450-3550	30	50	CP-16QAM	M	Outer_Full	47.32	49.600	PASS
N78-3450-3550	30	50	CP-64QAM	M	Outer_Full	47.423	49.500	PASS
N78-3450-3550	30	50	CP-256QAM	M	Outer_Full	47.495	49.300	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Outer_Full	57.745	59.760	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	M	Outer_Full	57.859	60.120	PASS
N78-3450-3550	30	60	DFT-16QAM	M	Outer_Full	58.029	59.640	PASS
N78-3450-3550	30	60	DFT-64QAM	M	Outer_Full	57.805	59.760	PASS
N78-3450-3550	30	60	DFT-256QAM	M	Outer_Full	57.922	60.000	PASS
N78-3450-3550	30	60	CP-QPSK	M	Outer_Full	57.631	60.600	PASS
N78-3450-3550	30	60	CP-16QAM	M	Outer_Full	57.773	59.880	PASS
N78-3450-3550	30	60	CP-64QAM	M	Outer_Full	57.826	59.640	PASS
N78-3450-3550	30	60	CP-256QAM	M	Outer_Full	57.815	59.640	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Outer_Full	64.163	66.220	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	M	Outer_Full	64.293	66.500	PASS
N78-3450-3550	30	70	DFT-16QAM	M	Outer_Full	64.061	66.360	PASS
N78-3450-3550	30	70	DFT-64QAM	M	Outer_Full	64.239	66.220	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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SEWM2307000261RG02

Rev.: 01

Page: 10 of 73

N78-3450-3550	30	70	DFT-256QAM	M	Outer_Full	64.299	66.360	PASS
N78-3450-3550	30	70	CP-QPSK	M	Outer_Full	67.396	70.000	PASS
N78-3450-3550	30	70	CP-16QAM	M	Outer_Full	67.211	69.440	PASS
N78-3450-3550	30	70	CP-64QAM	M	Outer_Full	67.672	69.440	PASS
N78-3450-3550	30	70	CP-256QAM	M	Outer_Full	67.259	69.720	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Outer_Full	77.13	80.160	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	M	Outer_Full	77.183	80.480	PASS
N78-3450-3550	30	80	DFT-16QAM	M	Outer_Full	77.068	80.480	PASS
N78-3450-3550	30	80	DFT-64QAM	M	Outer_Full	77.159	80.160	PASS
N78-3450-3550	30	80	DFT-256QAM	M	Outer_Full	77.139	80.640	PASS
N78-3450-3550	30	80	CP-QPSK	M	Outer_Full	77.424	80.640	PASS
N78-3450-3550	30	80	CP-16QAM	M	Outer_Full	77.579	80.960	PASS
N78-3450-3550	30	80	CP-64QAM	M	Outer_Full	77.438	80.800	PASS
N78-3450-3550	30	80	CP-256QAM	M	Outer_Full	77.284	80.800	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Outer_Full	85.466	88.920	PASS
N78-3450-3550	30	90	DFT-PI2BPSK	M	Outer_Full	85.76	89.100	PASS
N78-3450-3550	30	90	DFT-16QAM	M	Outer_Full	85.617	89.100	PASS
N78-3450-3550	30	90	DFT-64QAM	M	Outer_Full	85.682	89.460	PASS
N78-3450-3550	30	90	DFT-256QAM	M	Outer_Full	85.615	88.920	PASS
N78-3450-3550	30	90	CP-QPSK	M	Outer_Full	87.436	91.080	PASS
N78-3450-3550	30	90	CP-16QAM	M	Outer_Full	87.452	90.900	PASS
N78-3450-3550	30	90	CP-64QAM	M	Outer_Full	87.462	90.900	PASS
N78-3450-3550	30	90	CP-256QAM	M	Outer_Full	87.453	90.540	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	96.34	99.800	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	96.457	99.600	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Outer_Full	96.215	100.000	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Outer_Full	96.188	100.000	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	96.104	99.800	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	97.35	101.000	PASS
N78-3450-3550	30	100	CP-16QAM	M	Outer_Full	97.332	100.800	PASS
N78-3450-3550	30	100	CP-64QAM	M	Outer_Full	97.221	100.800	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	97.402	101.000	PASS



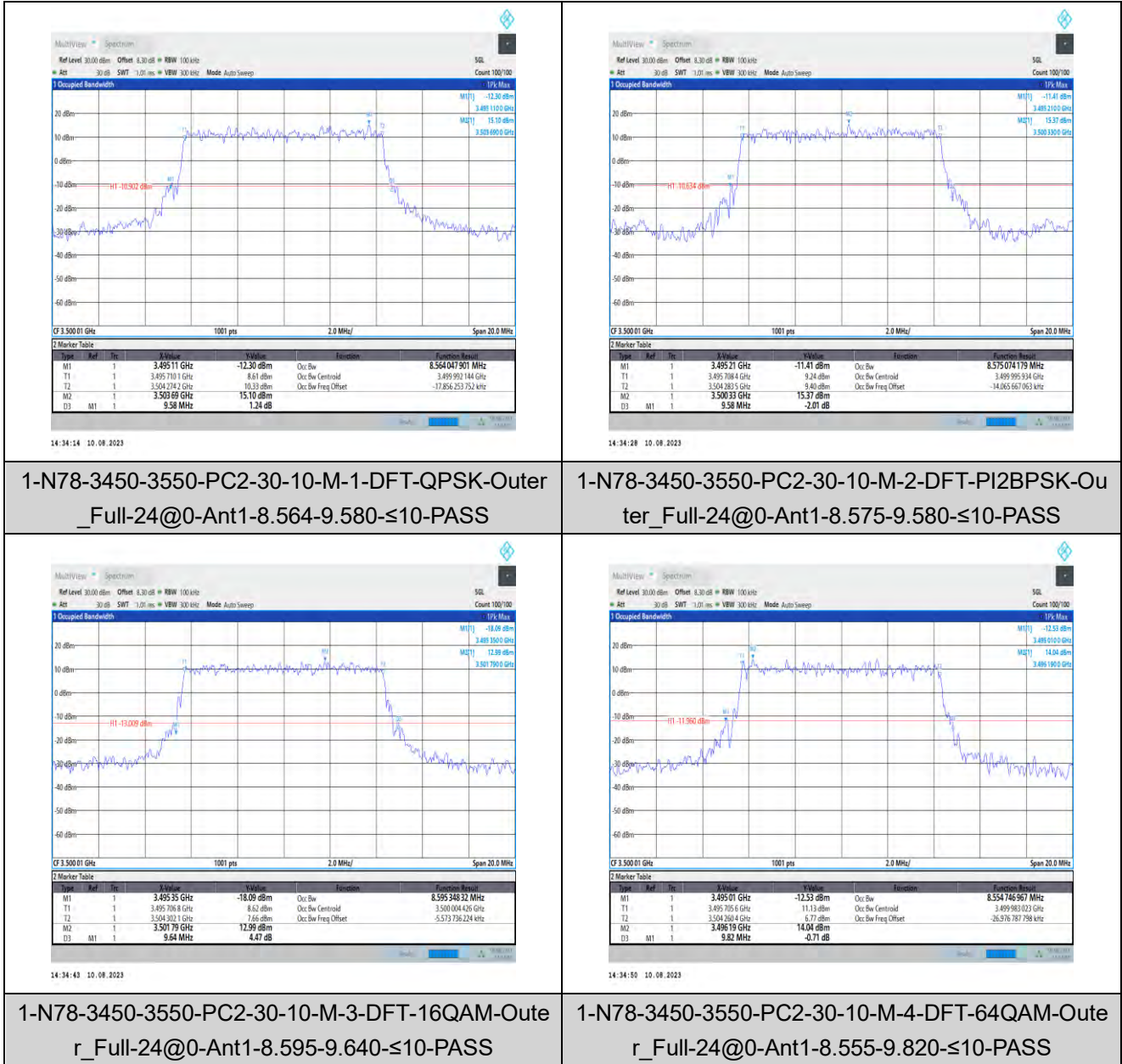
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

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

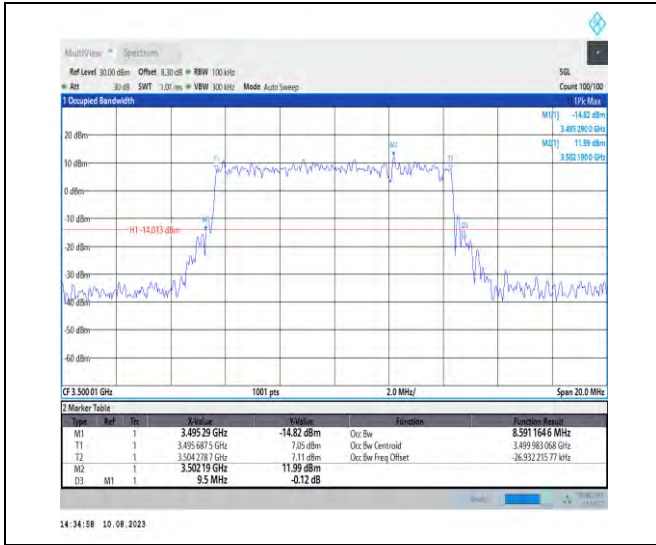
Test Graphs



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

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

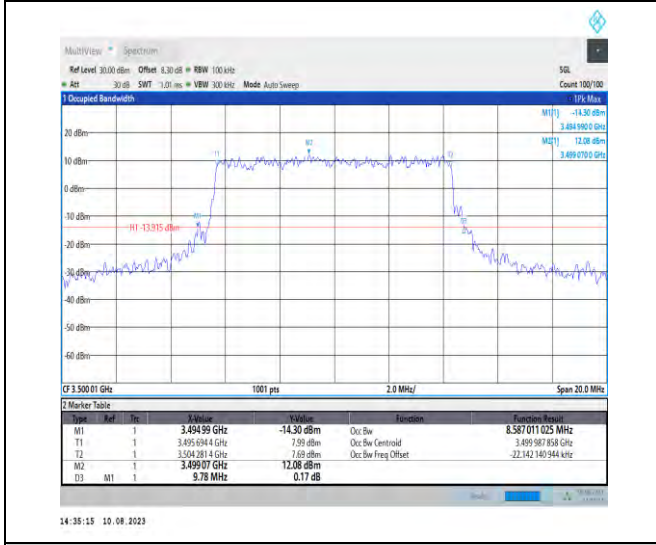
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



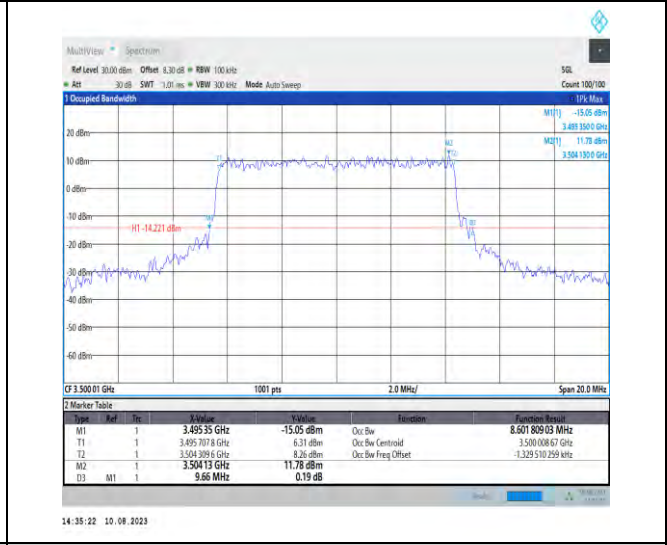
1-N78-3450-3550-PC2-30-10-M-5-DFT-256QAM-Out\_Full-24@0-Ant1-8.591-9.500-≤10-PASS



1-N78-3450-3550-PC2-30-10-M-6-CP-QPSK-Outer\_Full-24@0-Ant1-8.587-9.860-≤10-PASS



1-N78-3450-3550-PC2-30-10-M-7-CP-16QAM-Outer\_Full-24@0-Ant1-8.587-9.780-≤10-PASS



1-N78-3450-3550-PC2-30-10-M-8-CP-64QAM-Outer\_Full-24@0-Ant1-8.602-9.660-≤10-PASS

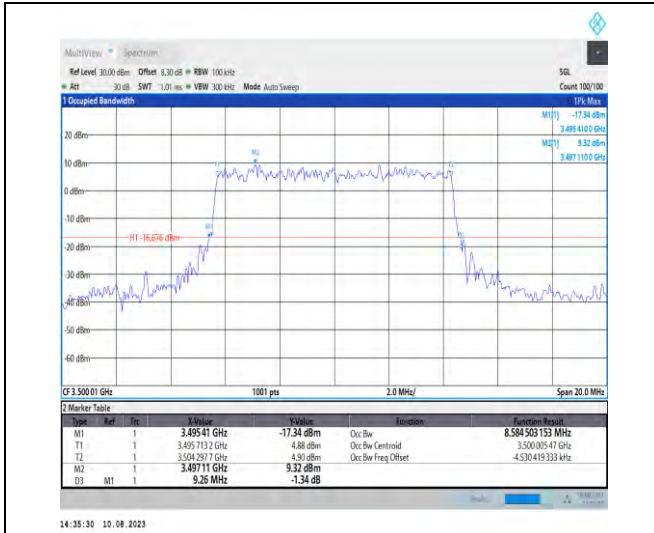


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

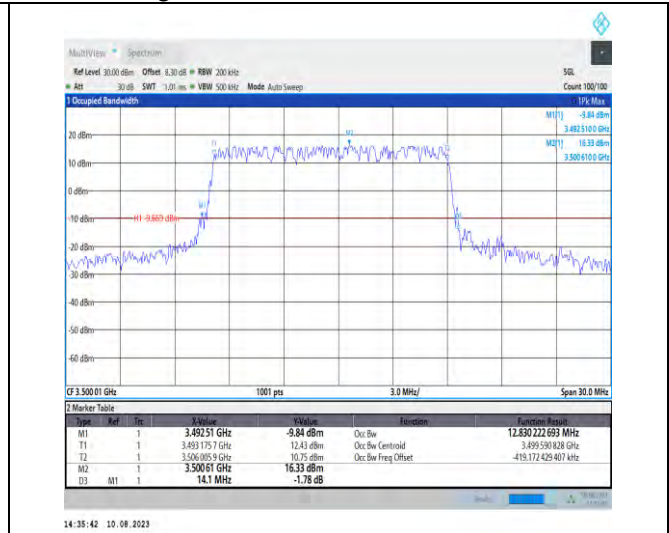
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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

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



1-N78-3450-3550-PC2-30-10-M-9-CP-256QAM-Out er\_Full-24@0-Ant1-8.585-9.260-≤10-PASS



1-N78-3450-3550-PC2-30-15-M-1-DFT-QPSK-Outer\_Full-36@0-Ant1-12.83-14.100-≤15-PASS



1-N78-3450-3550-PC2-30-15-M-2-DFT-PI2BPSK-Outer\_Full-36@0-Ant1-12.873-13.860-≤15-PASS



1-N78-3450-3550-PC2-30-15-M-3-DFT-16QAM-Outer\_Full-36@0-Ant1-12.843-14.220-≤15-PASS

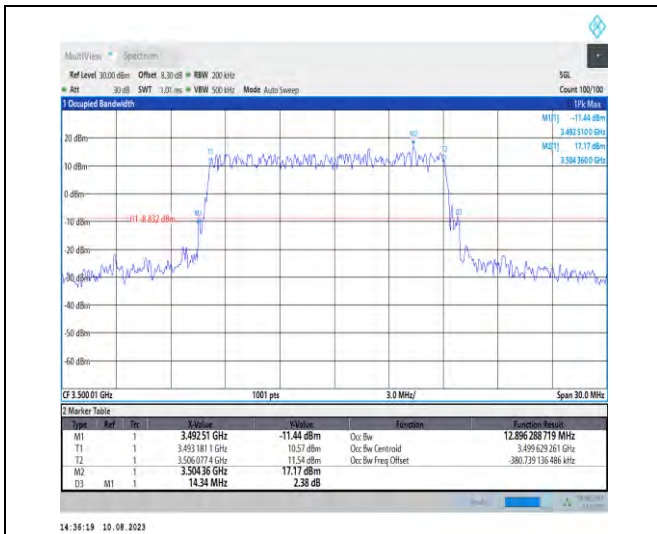


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

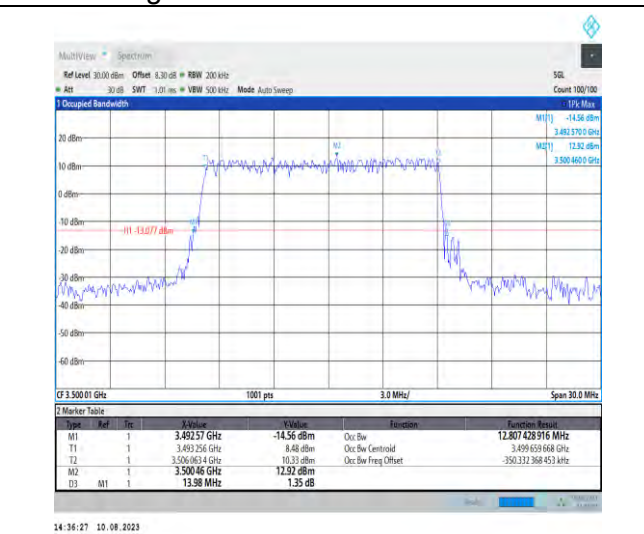
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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

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



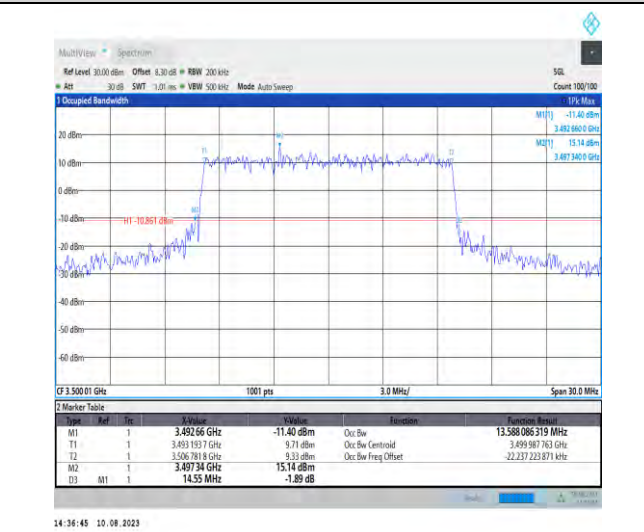
1-N78-3450-3550-PC2-30-15-M-4-DFT-64QAM-Outer\_Full-36@0-Ant1-12.896-14.340-≤15-PASS



1-N78-3450-3550-PC2-30-15-M-5-DFT-256QAM-Outer\_Full-36@0-Ant1-12.807-13.980-≤15-PASS



1-N78-3450-3550-PC2-30-15-M-6-CP-QPSK-Outer\_Full-38@0-Ant1-13.622-14.370-≤15-PASS



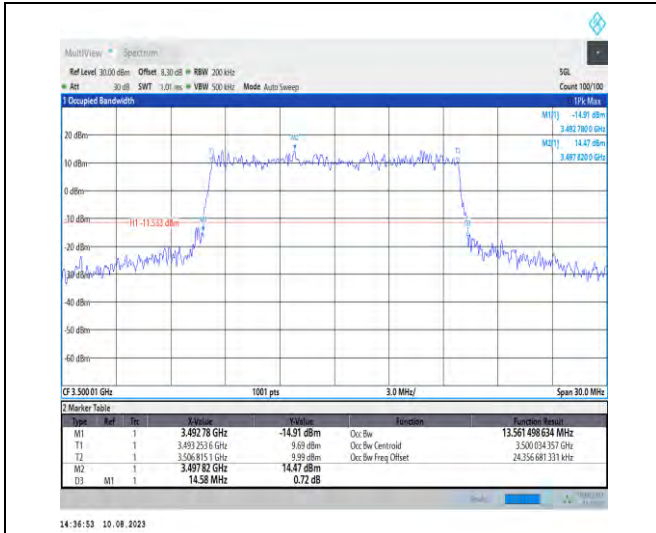
1-N78-3450-3550-PC2-30-15-M-7-CP-16QAM-Outer\_Full-38@0-Ant1-13.588-14.550-≤15-PASS



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

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

South of No. 6 Plant, No. 1, Ransheng 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-N78-3450-3550-PC2-30-15-M-8-CP-64QAM-Outer\_Full-38@0-Ant1-13.561-14.580-≤15-PASS



1-N78-3450-3550-PC2-30-15-M-9-CP-256QAM-Outer\_Full-38@0-Ant1-13.62-14.670-≤15-PASS



1-N78-3450-3550-PC2-30-20-M-1-DFT-QPSK-Outer\_Full-50@0-Ant1-17.806-19.120-≤20-PASS



1-N78-3450-3550-PC2-30-20-M-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-17.813-19.040-≤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 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.

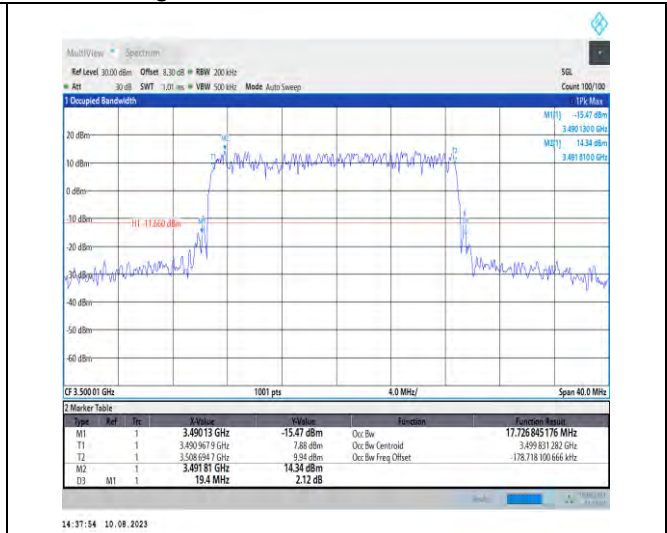
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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

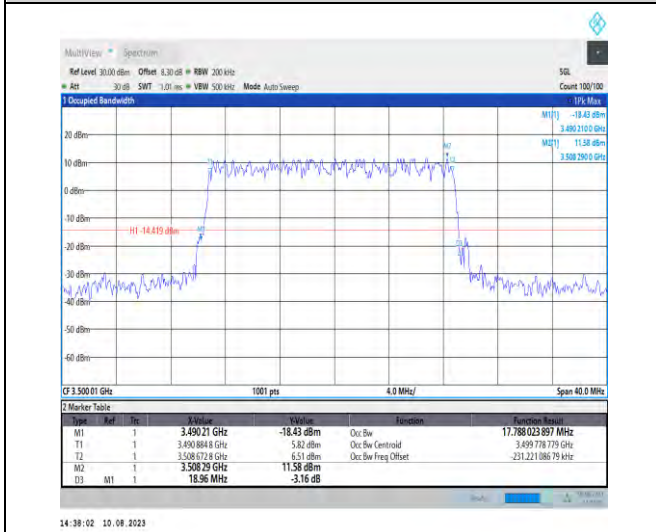
t (86-512) 62992980 www.sgs.com.cn  
 t (86-512) 62992980 sgs.china@sgs.com



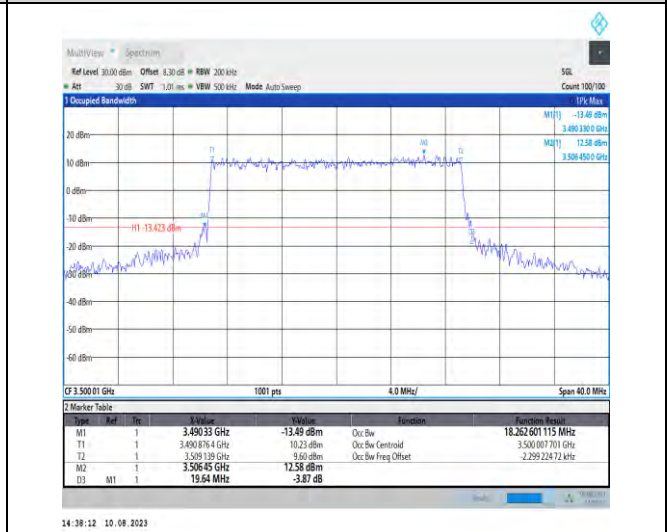
1-N78-3450-3550-PC2-30-20-M-3-DFT-16QAM-Outer\_Full-50@0-Ant1-17.853-19.360-≤20-PASS



1-N78-3450-3550-PC2-30-20-M-4-DFT-64QAM-Outer\_Full-50@0-Ant1-17.727-19.400-≤20-PASS



1-N78-3450-3550-PC2-30-20-M-5-DFT-256QAM-Outer\_Full-50@0-Ant1-17.788-18.960-≤20-PASS



1-N78-3450-3550-PC2-30-20-M-6-CP-QPSK-Outer\_Full-51@0-Ant1-18.263-19.640-≤20-PASS



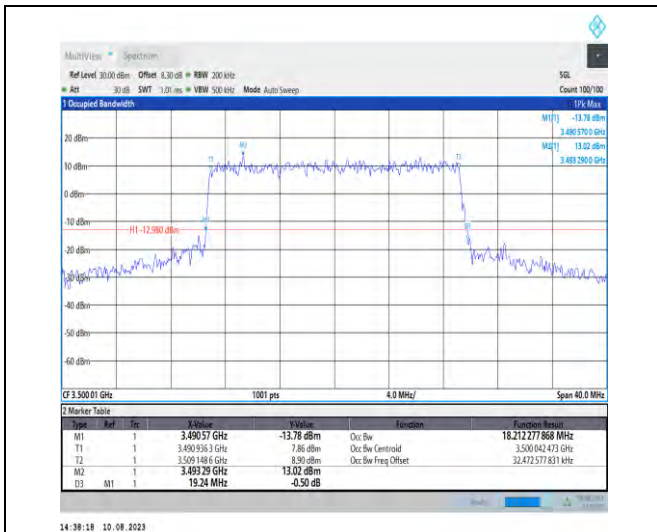
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

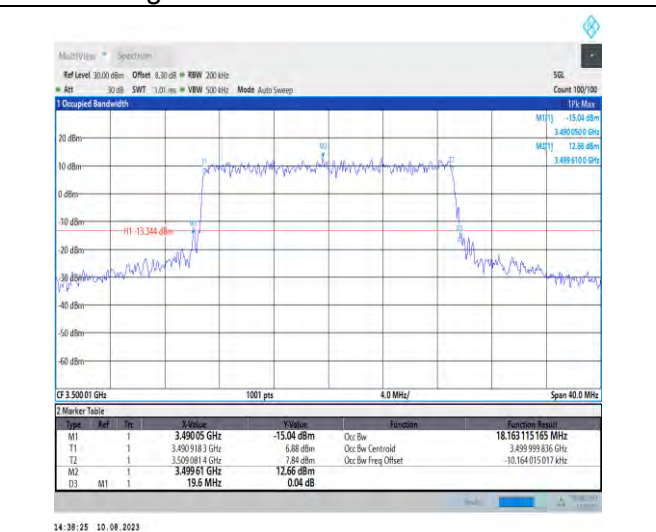
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

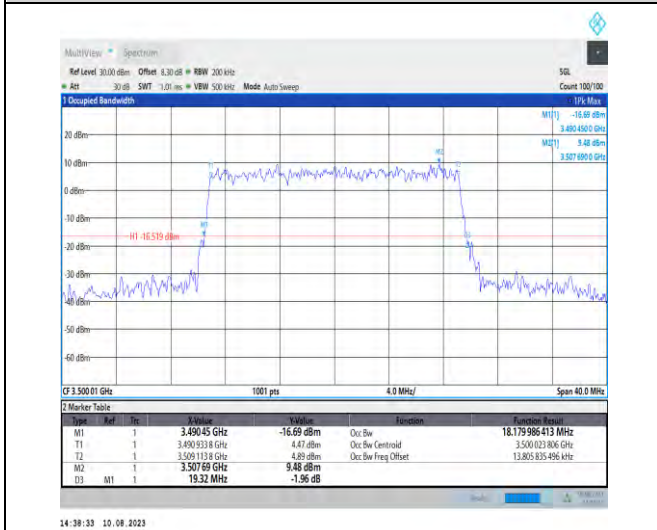




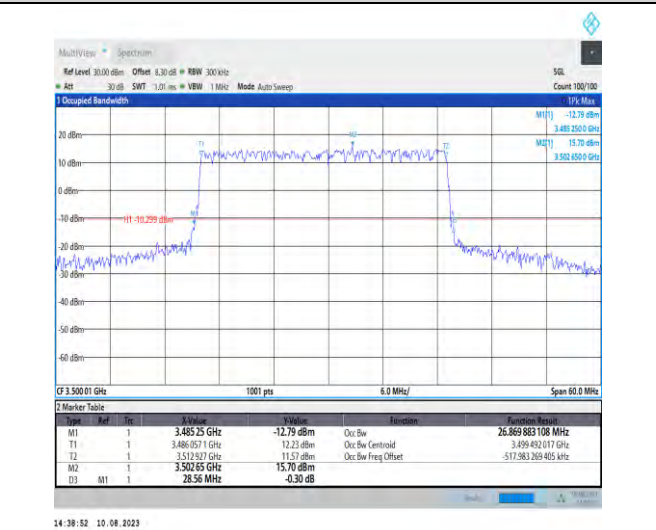
1-N78-3450-3550-PC2-30-20-M-7-CP-16QAM-Outer\_Full-51@0-Ant1-18.212-19.240-≤20-PASS



1-N78-3450-3550-PC2-30-20-M-8-CP-64QAM-Outer\_Full-51@0-Ant1-18.163-19.600-≤20-PASS



1-N78-3450-3550-PC2-30-20-M-9-CP-256QAM-Outer\_Full-51@0-Ant1-18.18-19.320-≤20-PASS

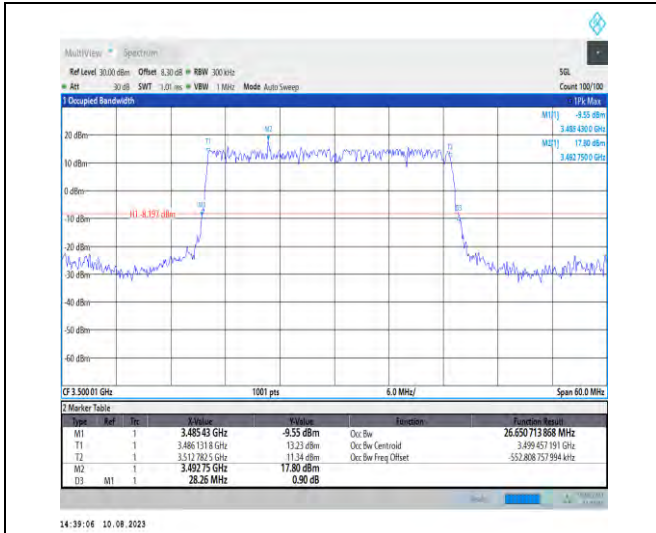


1-N78-3450-3550-PC2-30-30-M-1-DFT-QPSK-Outer\_Full-75@0-Ant1-26.87-28.560-≤30-PASS

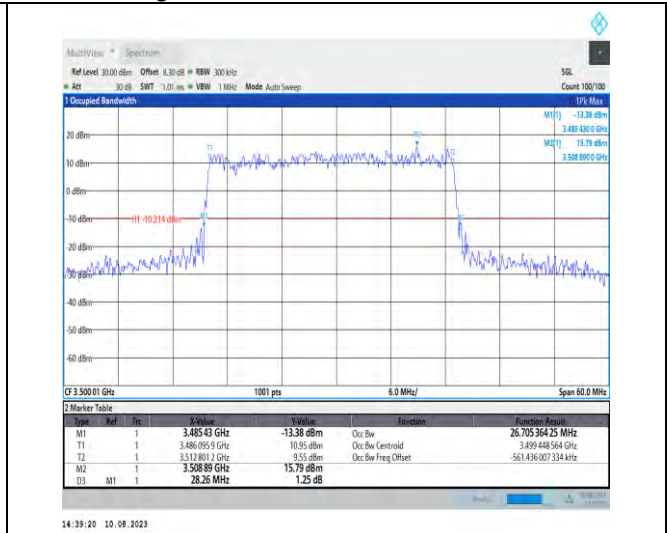


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 and certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

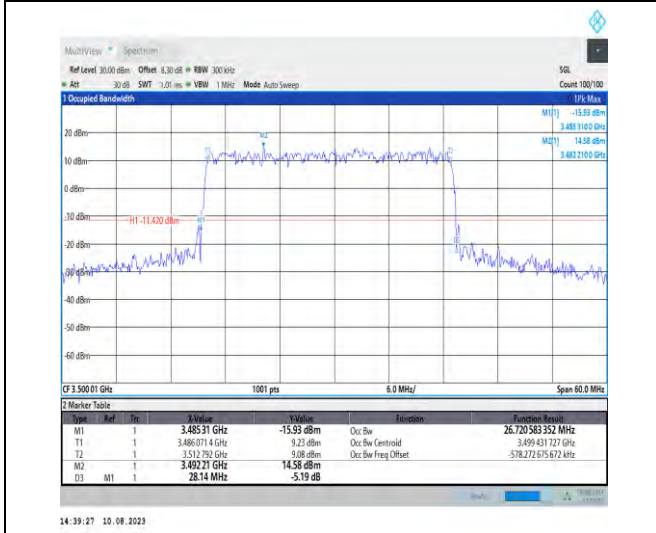
South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



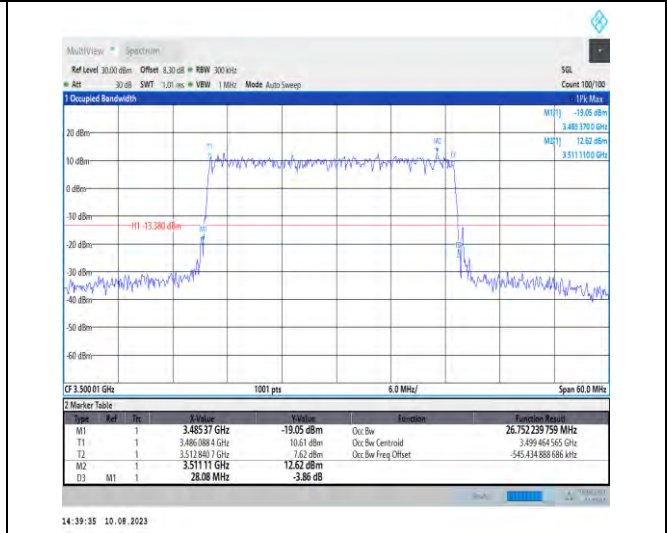
1-N78-3450-3550-PC2-30-30-M-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-26.651-28.260-≤30-PASS



1-N78-3450-3550-PC2-30-30-M-3-DFT-16QAM-Outer\_Full-75@0-Ant1-26.705-28.260-≤30-PASS



1-N78-3450-3550-PC2-30-30-M-4-DFT-64QAM-Outer\_Full-75@0-Ant1-26.721-28.140-≤30-PASS



1-N78-3450-3550-PC2-30-30-M-5-DFT-256QAM-Outer\_Full-75@0-Ant1-26.752-28.080-≤30-PASS

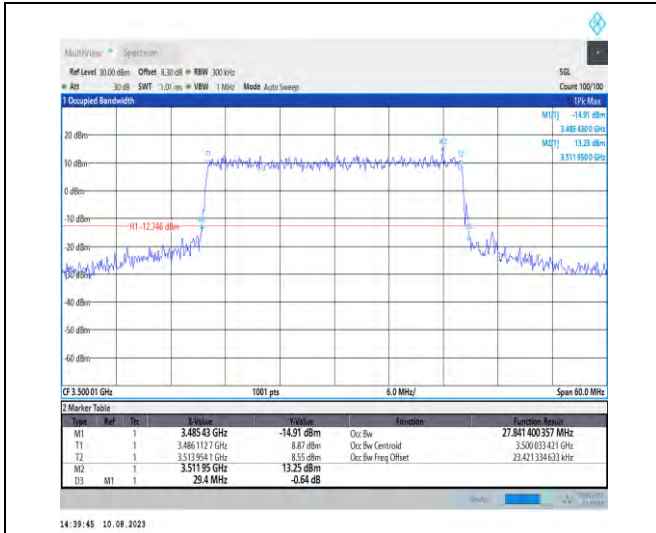


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

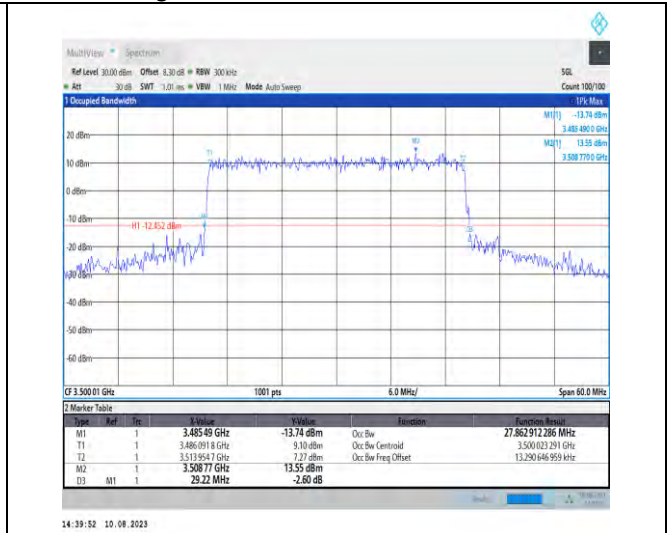
Attention: To check the authenticity of testing/inspection report and certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

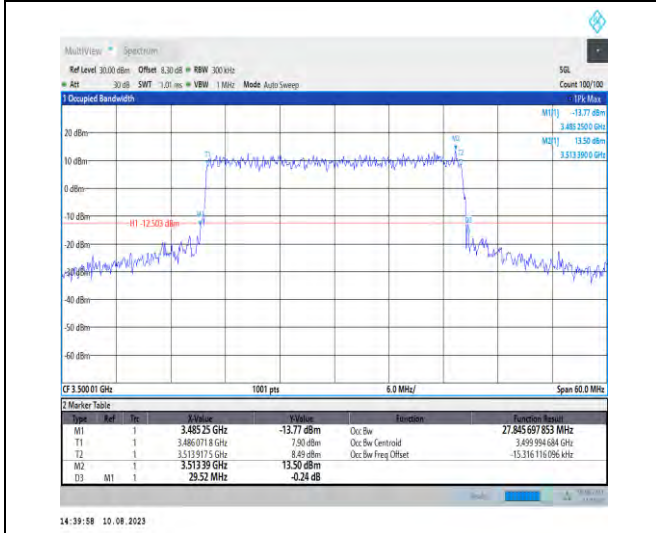
t (86-512) 62992980 www.sgs.com.cn  
 t (86-512) 62992980 sgs.china@sgs.com



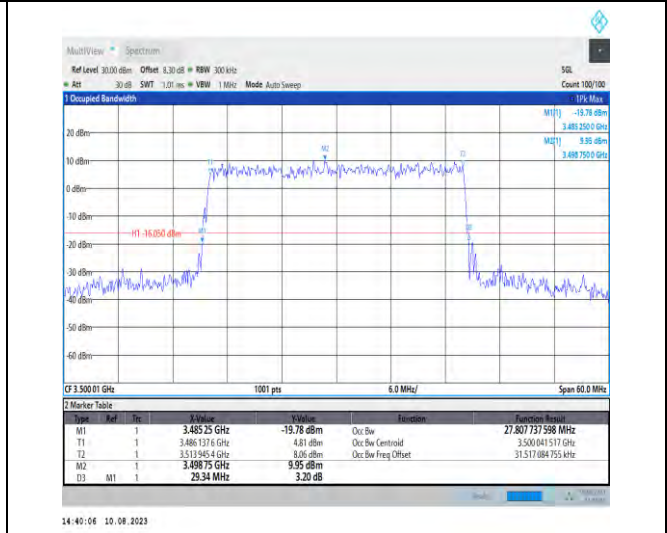
1-N78-3450-3550-PC2-30-30-M-6-CP-QPSK-Outer\_Full-78@0-Ant1-27.841-29.400-≤30-PASS



1-N78-3450-3550-PC2-30-30-M-7-CP-16QAM-Outer\_Full-78@0-Ant1-27.863-29.220-≤30-PASS



1-N78-3450-3550-PC2-30-30-M-8-CP-64QAM-Outer\_Full-78@0-Ant1-27.846-29.520-≤30-PASS



1-N78-3450-3550-PC2-30-30-M-9-CP-256QAM-Outer\_Full-78@0-Ant1-27.808-29.340-≤30-PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](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  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

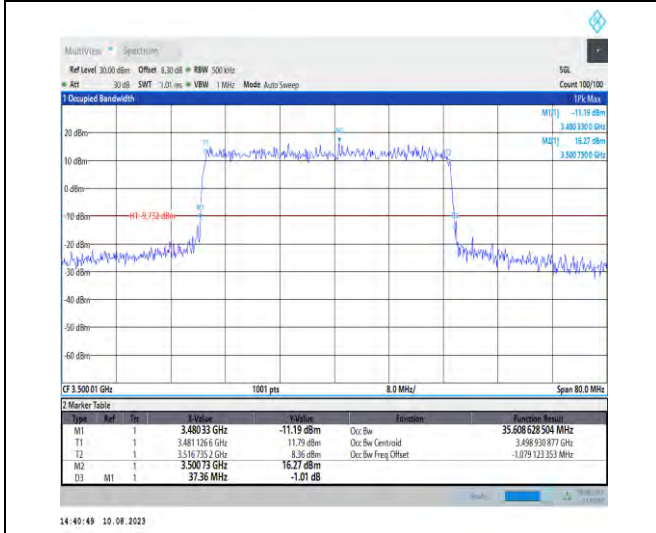
t (86-512) 62992980 www.sgs.com.cn  
 t (86-512) 62992980 sgs.china@sgs.com



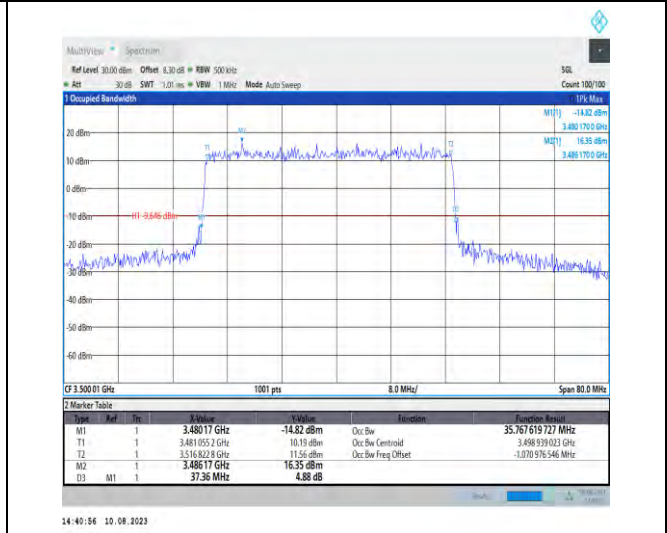
1-N78-3450-3550-PC2-30-40-M-1-DFT-QPSK-Outer\_Full-100@0-Ant1-35.71-37.760-≤40-PASS



1-N78-3450-3550-PC2-30-40-M-2-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-35.799-37.760-≤40-PASS



1-N78-3450-3550-PC2-30-40-M-3-DFT-16QAM-Outer\_Full-100@0-Ant1-35.609-37.360-≤40-PASS



1-N78-3450-3550-PC2-30-40-M-4-DFT-64QAM-Outer\_Full-100@0-Ant1-35.768-37.360-≤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 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  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



1-N78-3450-3550-PC2-30-40-M-5-DFT-256QAM-Out\_er\_Full-100@0-Ant1-35.717-37.840-<=40-PASS



1-N78-3450-3550-PC2-30-40-M-6-CP-QPSK-Outer\_Full-106@0-Ant1-37.821-39.680-<=40-PASS



1-N78-3450-3550-PC2-30-40-M-7-CP-16QAM-Outer\_Full-106@0-Ant1-37.799-39.600-<=40-PASS



1-N78-3450-3550-PC2-30-40-M-8-CP-64QAM-Outer\_Full-106@0-Ant1-37.77-39.680-<=40-PASS

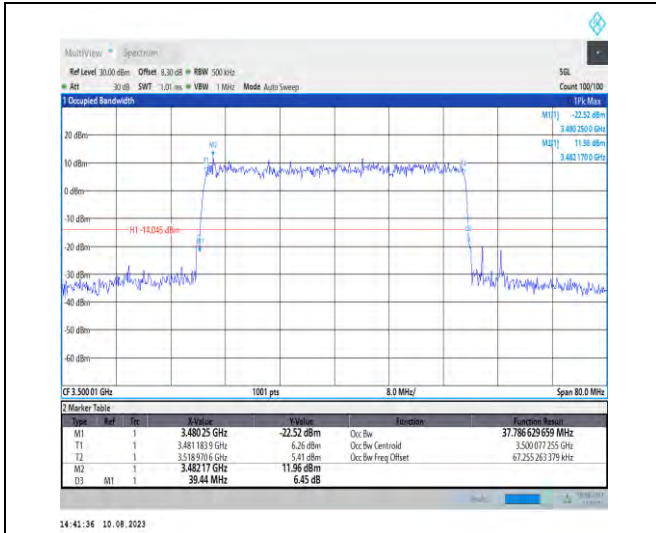


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



1-N78-3450-3550-PC2-30-40-M-9-CP-256QAM-Out er\_Full-106@0-Ant1-37.787-39.440-≤40-PASS

1-N78-3450-3550-PC2-30-50-M-1-DFT-QPSK-Outer\_Full-128@0-Ant1-45.588-47.800-≤50-PASS



1-N78-3450-3550-PC2-30-50-M-2-DFT-PI2BPSK-Outer\_Full-128@0-Ant1-45.677-47.700-≤50-PASS

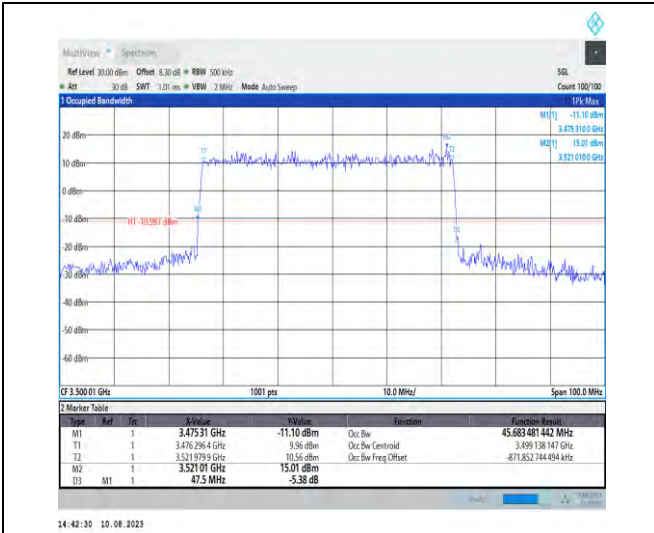
1-N78-3450-3550-PC2-30-50-M-3-DFT-16QAM-Outer\_Full-128@0-Ant1-45.669-47.500-≤50-PASS



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)

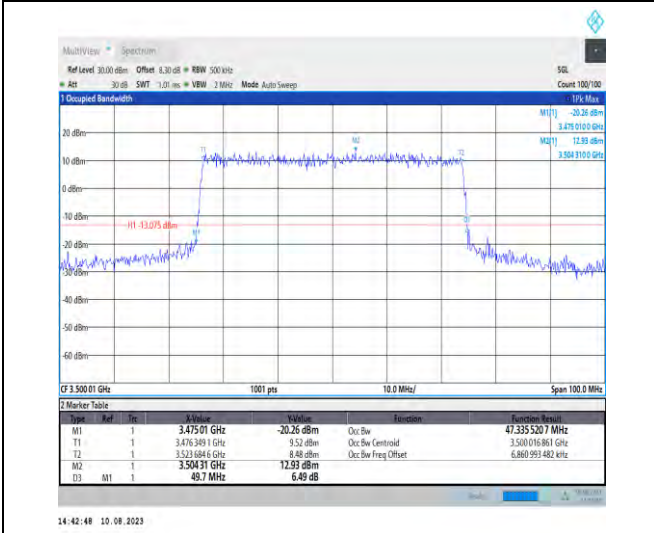
South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



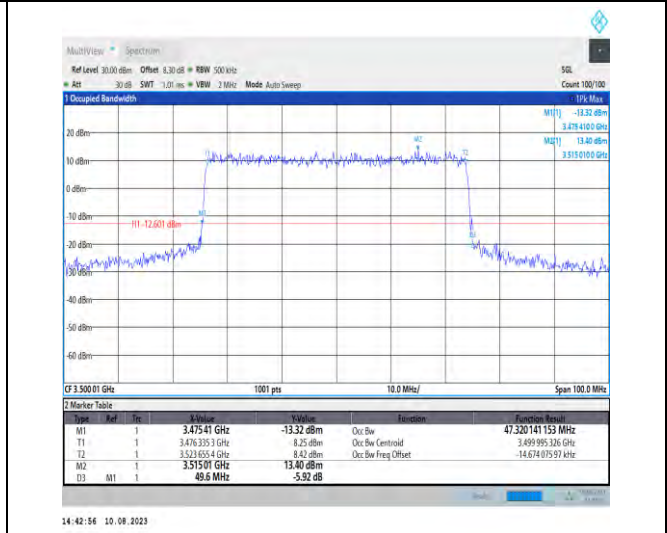
1-N78-3450-3550-PC2-30-50-M-4-DFT-64QAM-Outer\_Full-128@0-Ant1-45.683-47.500-≤50-PASS



1-N78-3450-3550-PC2-30-50-M-5-DFT-256QAM-Outer\_Full-128@0-Ant1-45.804-47.600-≤50-PASS



1-N78-3450-3550-PC2-30-50-M-6-CP-QPSK-Outer\_Full-133@0-Ant1-47.336-49.700-≤50-PASS



1-N78-3450-3550-PC2-30-50-M-7-CP-16QAM-Outer\_Full-133@0-Ant1-47.32-49.600-≤50-PASS

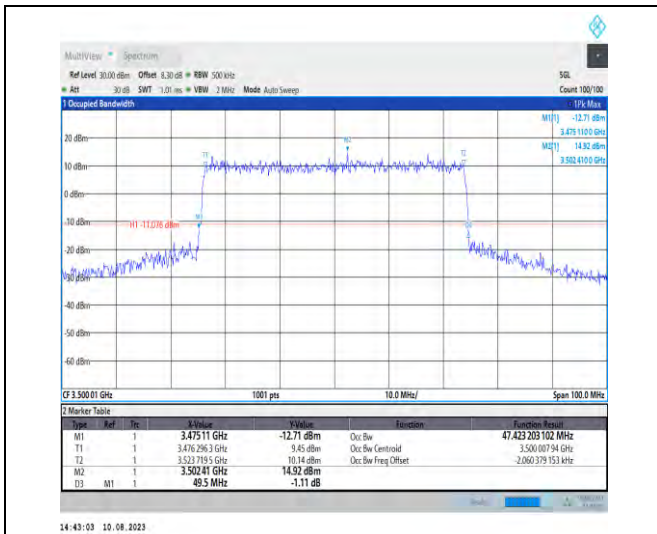


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

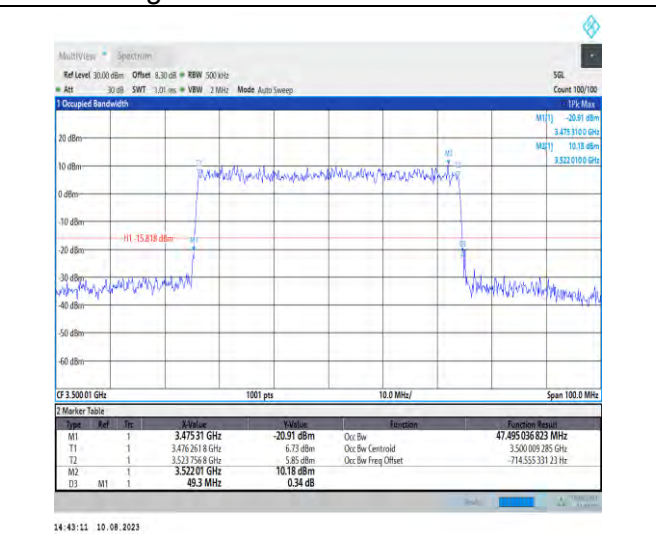
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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



1-N78-3450-3550-PC2-30-50-M-8-CP-64QAM-Outer\_Full-133@0-Ant1-47.423-49.500-≤50-PASS



1-N78-3450-3550-PC2-30-50-M-9-CP-256QAM-Outer\_Full-133@0-Ant1-47.495-49.300-≤50-PASS



1-N78-3450-3550-PC2-30-60-M-1-DFT-QPSK-Outer\_Full-162@0-Ant1-57.745-59.760-≤60-PASS



1-N78-3450-3550-PC2-30-60-M-2-DFT-PI2BPSK-Outer\_Full-162@0-Ant1-57.859-60.120-≤60-PASS

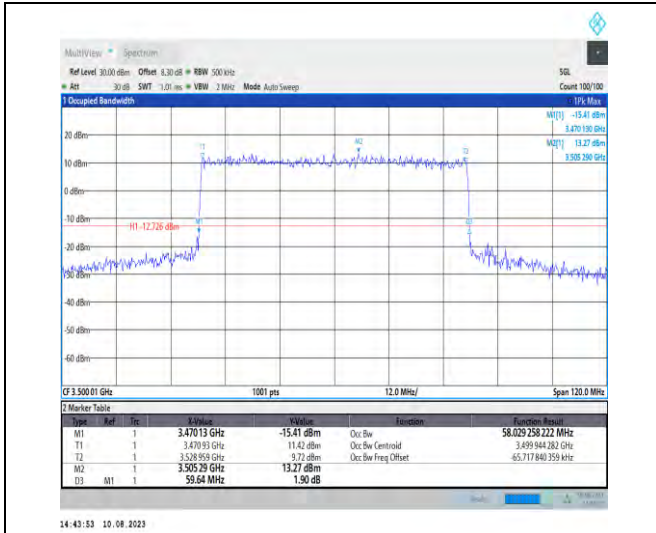


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

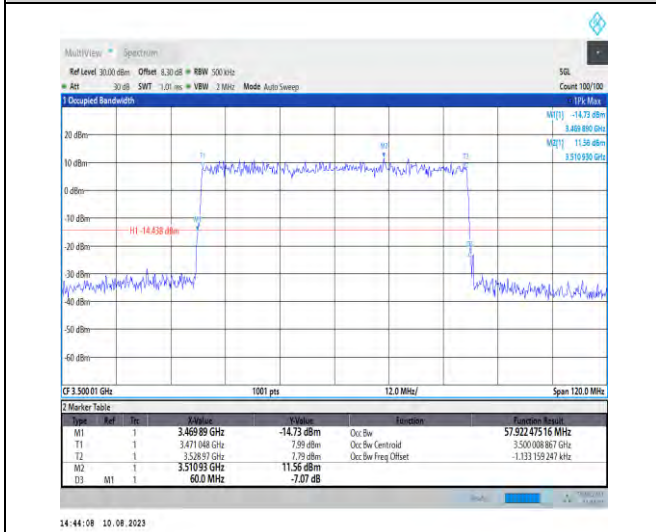




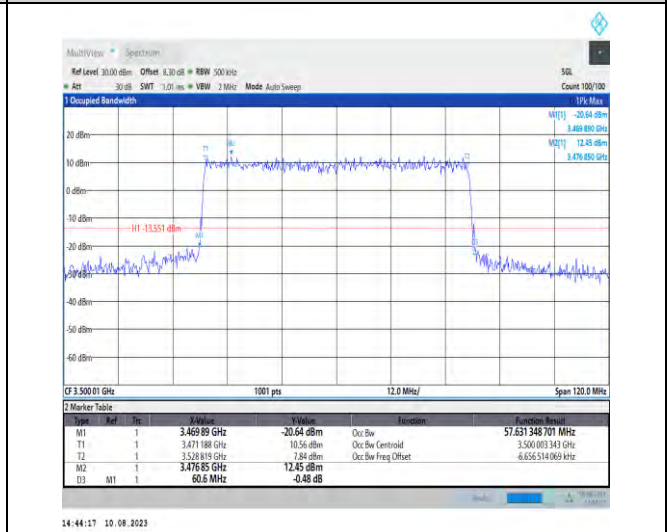
1-N78-3450-3550-PC2-30-60-M-3-DFT-16QAM-Outer\_Full-162@0-Ant1-58.029-59.640-≤60-PASS



1-N78-3450-3550-PC2-30-60-M-4-DFT-64QAM-Outer\_Full-162@0-Ant1-57.805-59.760-≤60-PASS



1-N78-3450-3550-PC2-30-60-M-5-DFT-256QAM-Outer\_Full-162@0-Ant1-57.922-60.000-≤60-PASS



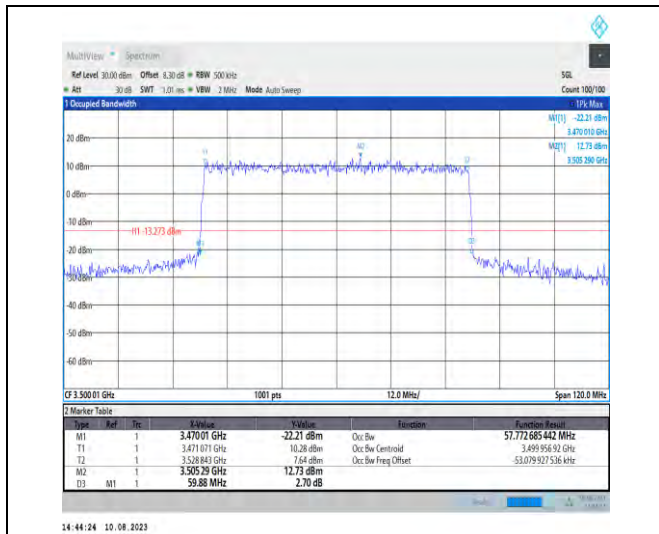
1-N78-3450-3550-PC2-30-60-M-6-CP-QPSK-Outer\_Full-162@0-Ant1-57.631-60.600-≤60-PASS



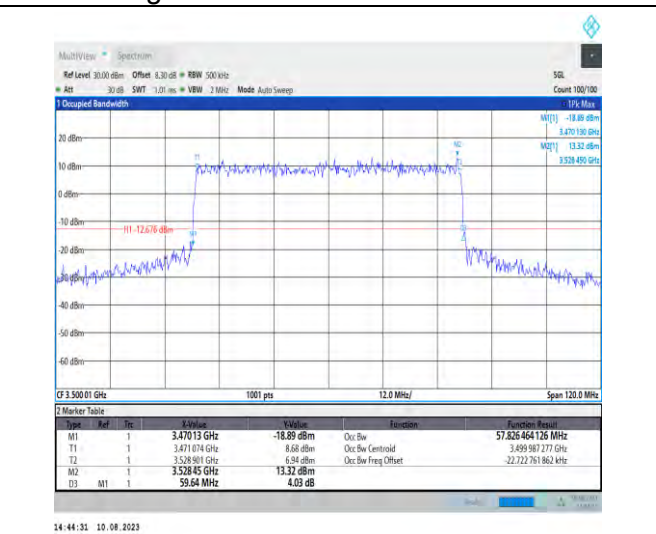
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 and certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

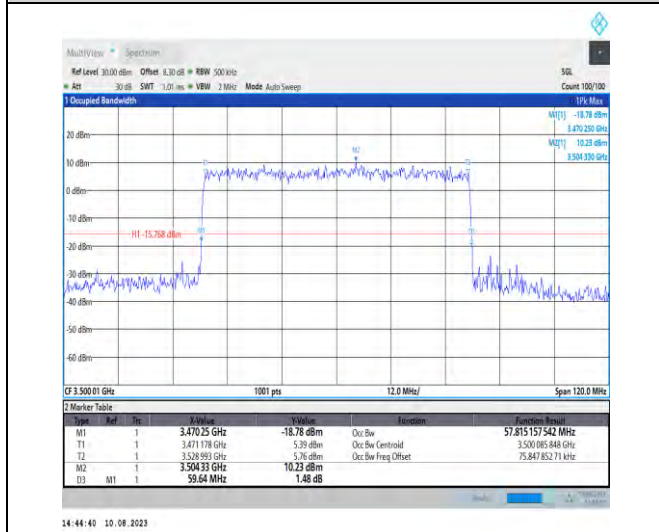
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N78-3450-3550-PC2-30-60-M-7-CP-16QAM-Outer\_Full-162@0-Ant1-57.773-59.880-≤60-PASS



1-N78-3450-3550-PC2-30-60-M-8-CP-64QAM-Outer\_Full-162@0-Ant1-57.826-59.640-≤60-PASS



1-N78-3450-3550-PC2-30-60-M-9-CP-256QAM-Outer\_Full-162@0-Ant1-57.815-59.640-≤60-PASS



1-N78-3450-3550-PC2-30-70-M-1-DFT-QPSK-Outer\_Full-180@0-Ant1-64.163-66.220-≤70-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  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

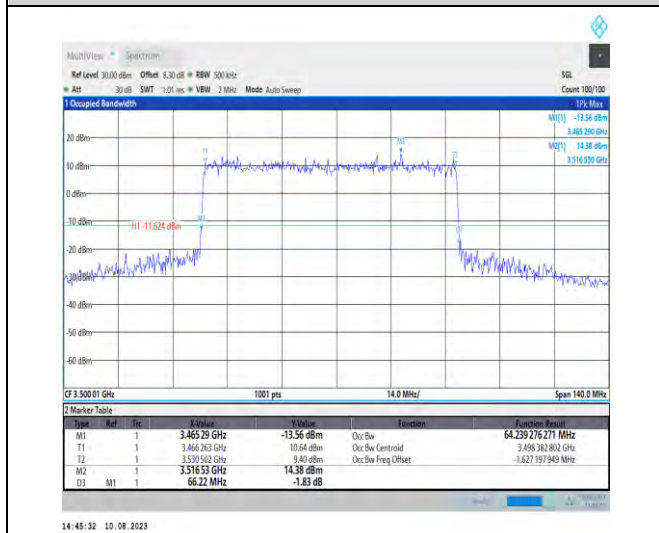
t (86-512) 62992980 www.sgs.com.cn  
 t (86-512) 62992980 sgs.china@sgs.com



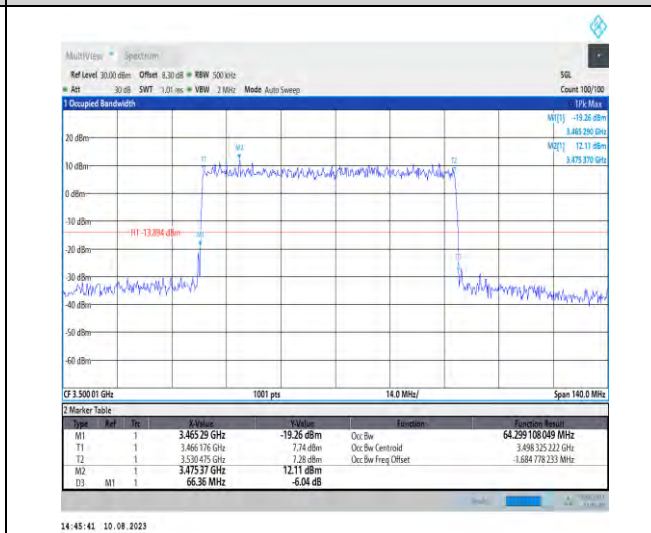
1-N78-3450-3550-PC2-30-70-M-2-DFT-PI2BPSK-Outer\_Full-180@0-Ant1-64.293-66.500-≤70-PASS



1-N78-3450-3550-PC2-30-70-M-3-DFT-16QAM-Outer\_Full-180@0-Ant1-64.061-66.360-≤70-PASS



1-N78-3450-3550-PC2-30-70-M-4-DFT-64QAM-Outer\_Full-180@0-Ant1-64.239-66.220-≤70-PASS

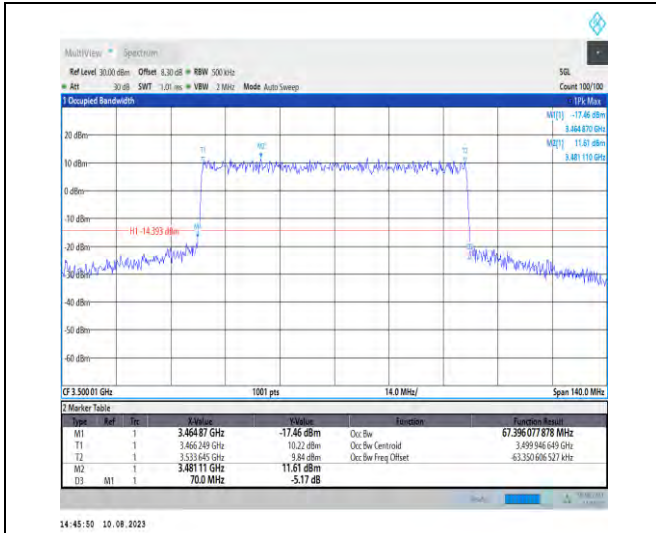


1-N78-3450-3550-PC2-30-70-M-5-DFT-256QAM-Outer\_Full-180@0-Ant1-64.299-66.360-≤70-PASS

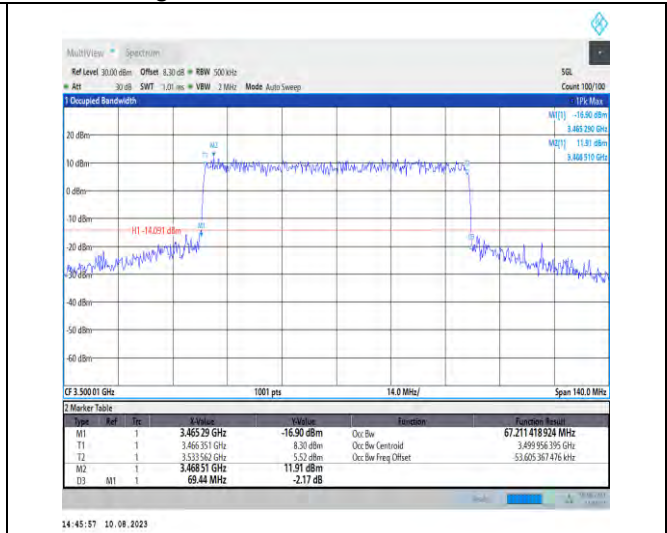


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 and certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com**

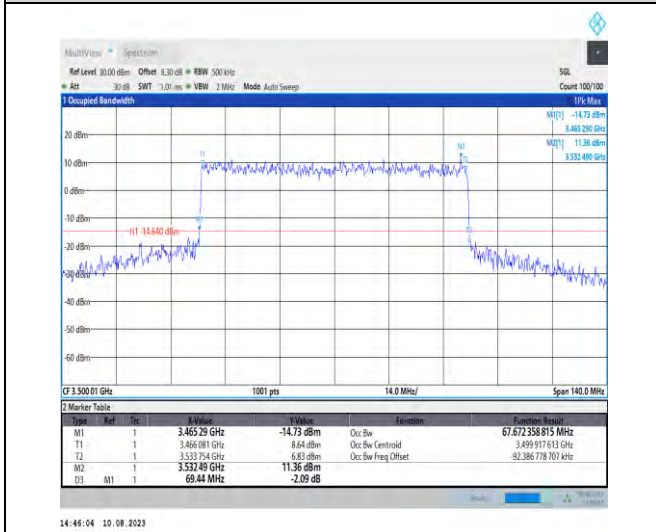
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N78-3450-3550-PC2-30-70-M-6-CP-QPSK-Outer\_Full-189@0-Ant1-67.396-70.000-≤70-PASS



1-N78-3450-3550-PC2-30-70-M-7-CP-16QAM-Outer\_Full-189@0-Ant1-67.211-69.440-≤70-PASS



1-N78-3450-3550-PC2-30-70-M-8-CP-64QAM-Outer\_Full-189@0-Ant1-67.672-69.440-≤70-PASS



1-N78-3450-3550-PC2-30-70-M-9-CP-256QAM-Outer\_Full-189@0-Ant1-67.259-69.720-≤70-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 and certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

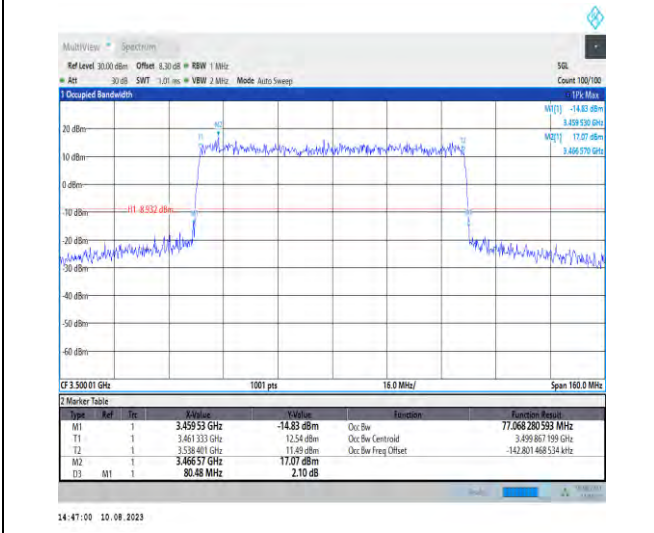
South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



1-N78-3450-3550-PC2-30-80-M-1-DFT-QPSK-Outer\_Full-216@0-Ant1-77.13-80.160-≤80-PASS

1-N78-3450-3550-PC2-30-80-M-2-DFT-PI2BPSK-Outer\_Full-216@0-Ant1-77.183-80.480-≤80-PASS



1-N78-3450-3550-PC2-30-80-M-3-DFT-16QAM-Outer\_Full-216@0-Ant1-77.068-80.480-≤80-PASS

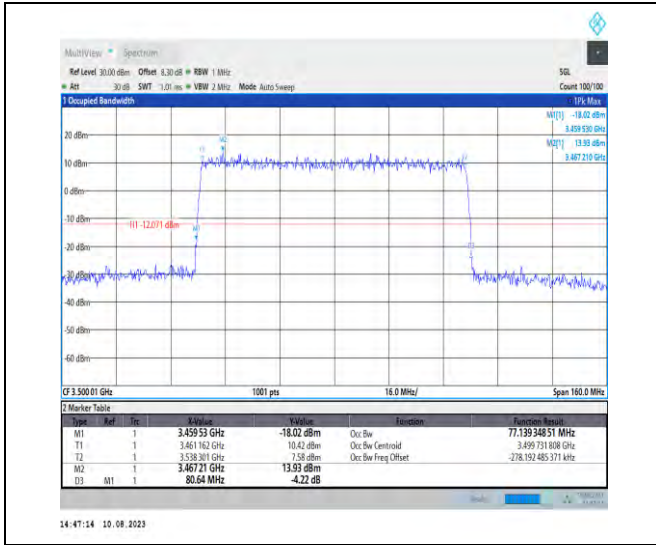
1-N78-3450-3550-PC2-30-80-M-4-DFT-64QAM-Outer\_Full-216@0-Ant1-77.159-80.160-≤80-PASS



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



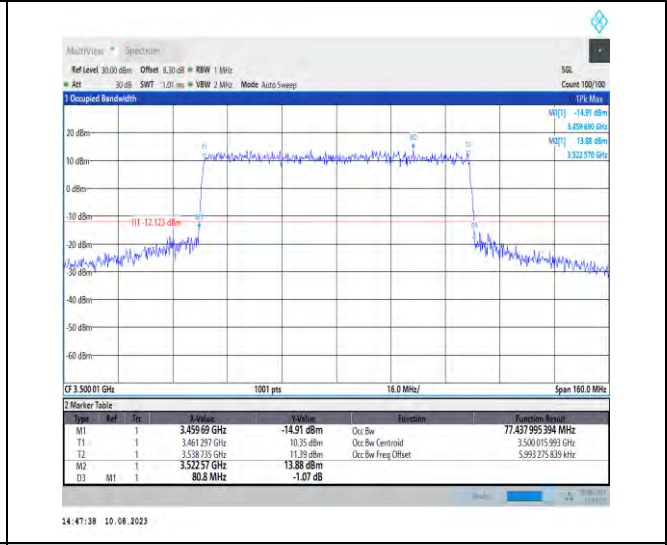
1-N78-3450-3550-PC2-30-80-M-5-DFT-256QAM-Out\_er\_Full-216@0-Ant1-77.139-80.640-≤80-PASS



1-N78-3450-3550-PC2-30-80-M-6-CP-QPSK-Outer\_Full-217@0-Ant1-77.424-80.640-≤80-PASS



1-N78-3450-3550-PC2-30-80-M-7-CP-16QAM-Outer\_Full-217@0-Ant1-77.579-80.960-≤80-PASS



1-N78-3450-3550-PC2-30-80-M-8-CP-64QAM-Outer\_Full-217@0-Ant1-77.438-80.800-≤80-PASS

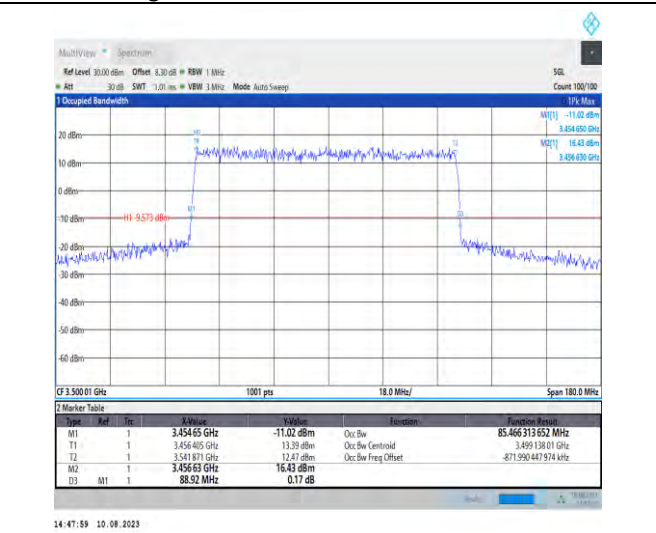
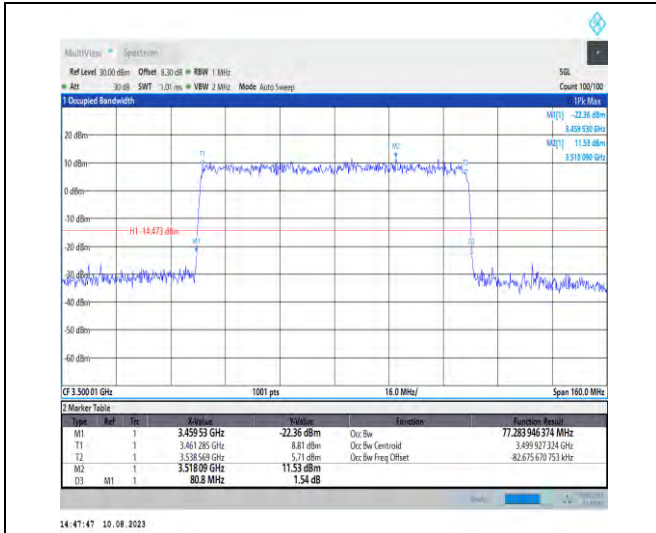


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

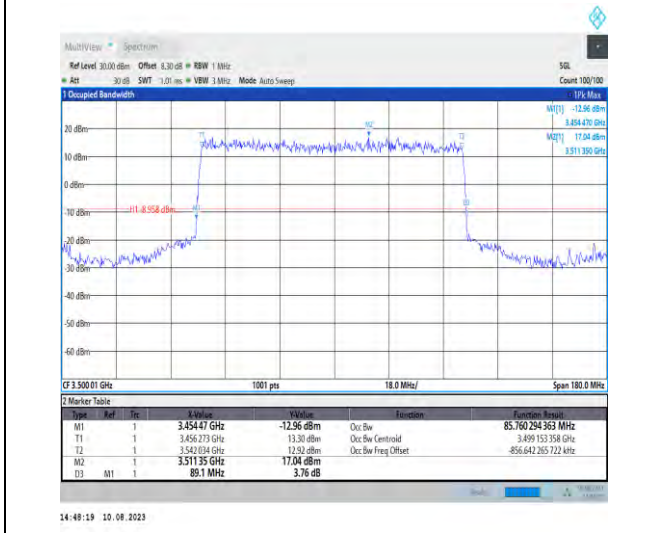
South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



1-N78-3450-3550-PC2-30-80-M-9-CP-256QAM-Out er\_Full-217@0-Ant1-77.284-80.800-<=80-PASS

1-N78-3450-3550-PC2-30-90-M-1-DFT-QPSK-Outer\_Full-240@0-Ant1-85.466-88.920-<=90-PASS



1-N78-3450-3550-PC2-30-90-M-2-DFT-PI2BPSK-Outer\_Full-240@0-Ant1-85.76-89.100-<=90-PASS

1-N78-3450-3550-PC2-30-90-M-3-DFT-16QAM-Outer\_Full-240@0-Ant1-85.617-89.100-<=90-PASS



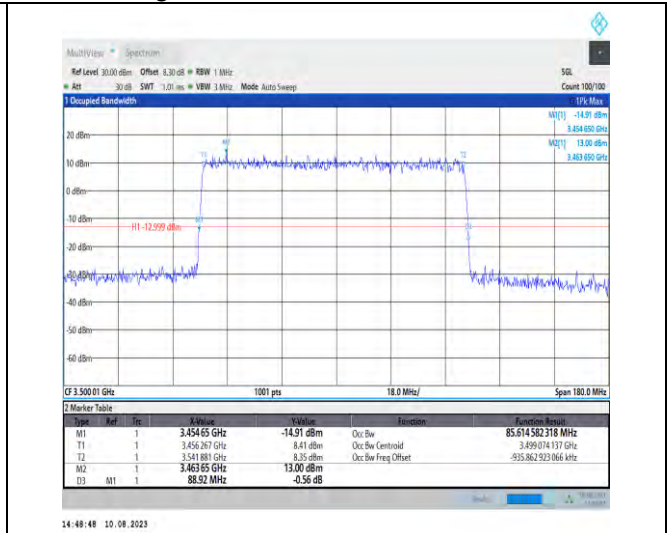
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 and certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

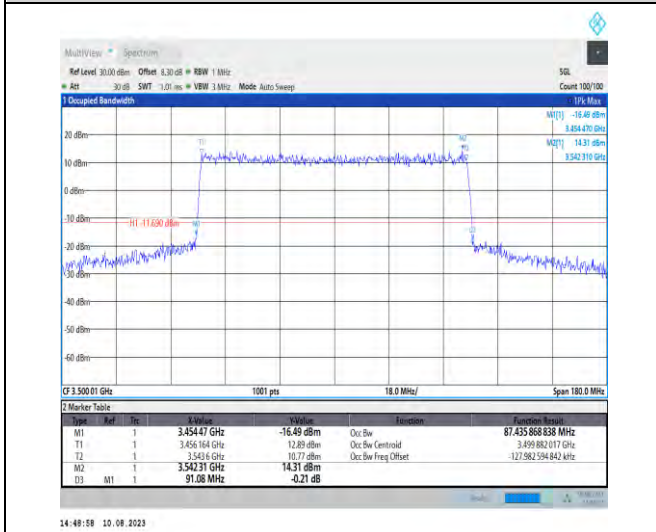
South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



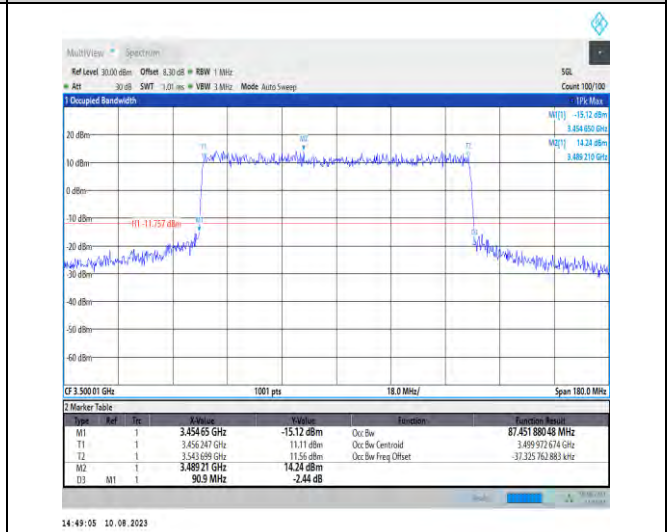
1-N78-3450-3550-PC2-30-90-M-4-DFT-64QAM-Outer\_Full-240@0-Ant1-85.682-89.460-≤90-PASS



1-N78-3450-3550-PC2-30-90-M-5-DFT-256QAM-Outer\_Full-240@0-Ant1-85.615-88.920-≤90-PASS



1-N78-3450-3550-PC2-30-90-M-6-CP-QPSK-Outer\_Full-245@0-Ant1-87.436-91.080-≤90-PASS



1-N78-3450-3550-PC2-30-90-M-7-CP-16QAM-Outer\_Full-245@0-Ant1-87.452-90.900-≤90-PASS



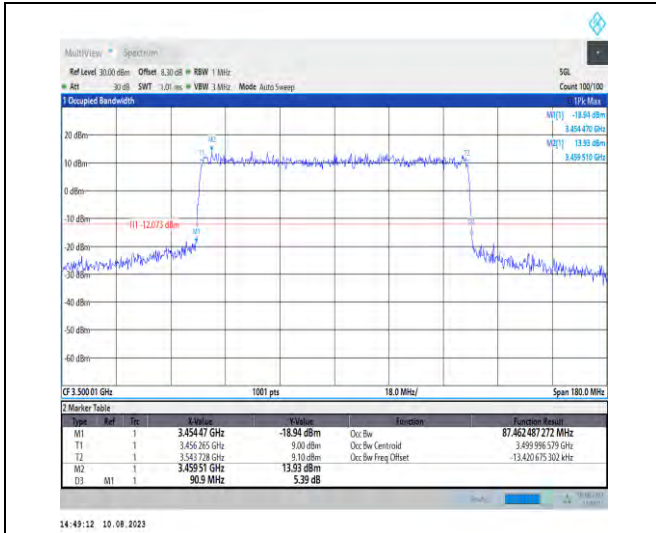
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

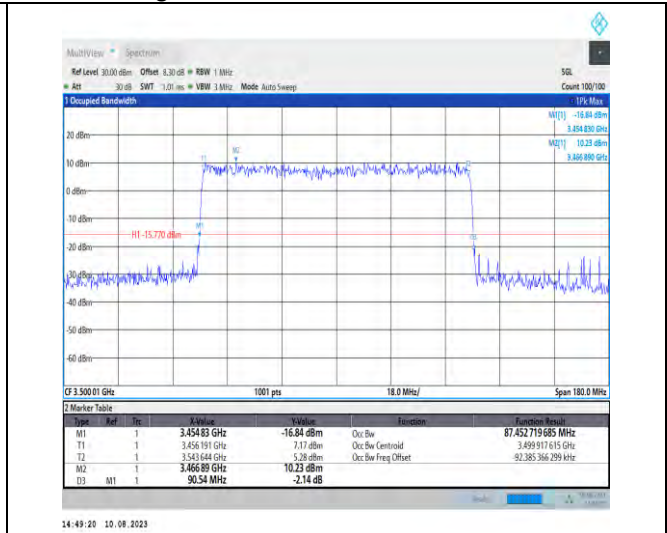
South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

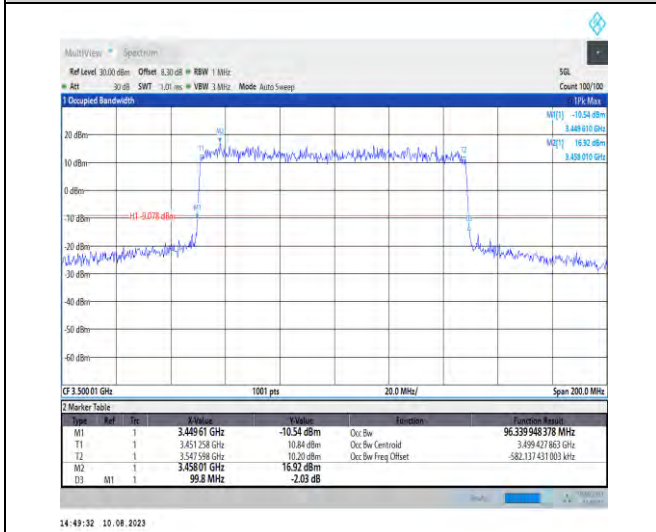




1-N78-3450-3550-PC2-30-90-M-8-CP-64QAM-Outer\_Full-245@0-Ant1-87.462-90.900-≤90-PASS



1-N78-3450-3550-PC2-30-90-M-9-CP-256QAM-Outer\_Full-245@0-Ant1-87.453-90.540-≤90-PASS



1-N78-3450-3550-PC2-30-100-M-1-DFT-QPSK-Outer\_Full-270@0-Ant1-96.34-99.800-≤100-PASS



1-N78-3450-3550-PC2-30-100-M-2-DFT-PI2BPSK-Outer\_Full-270@0-Ant1-96.457-99.600-≤100-PASS

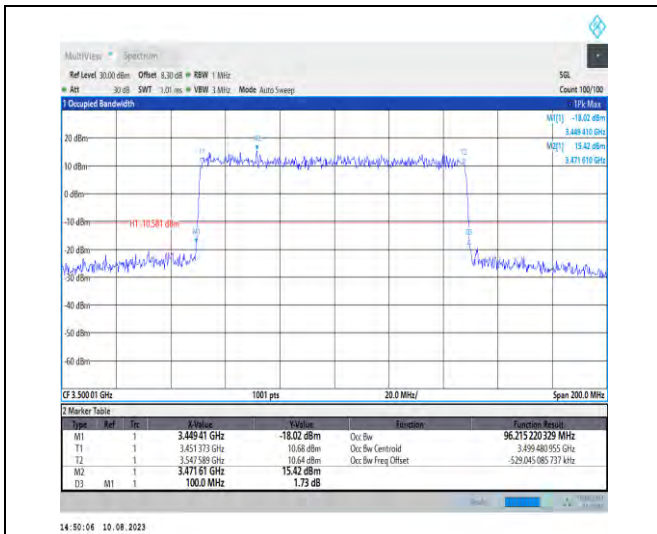


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

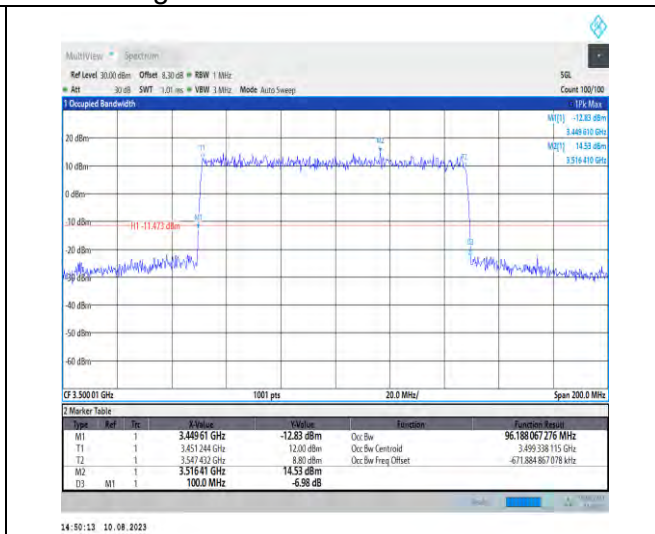
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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

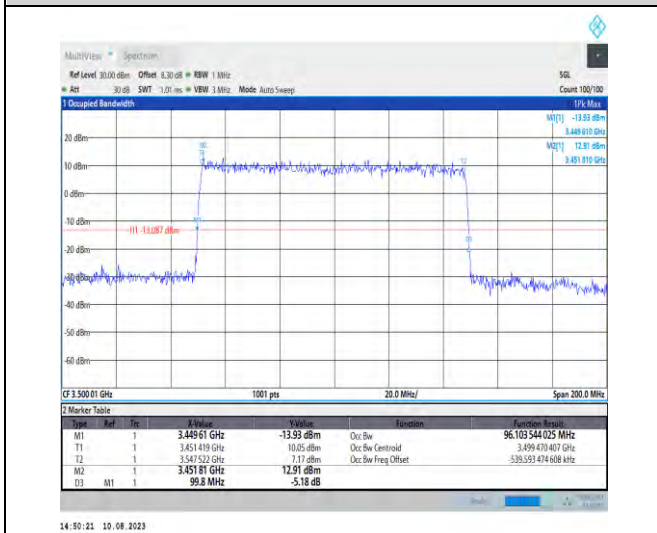
t (86-512) 62992980 www.sgs.com.cn  
 t (86-512) 62992980 sgs.china@sgs.com



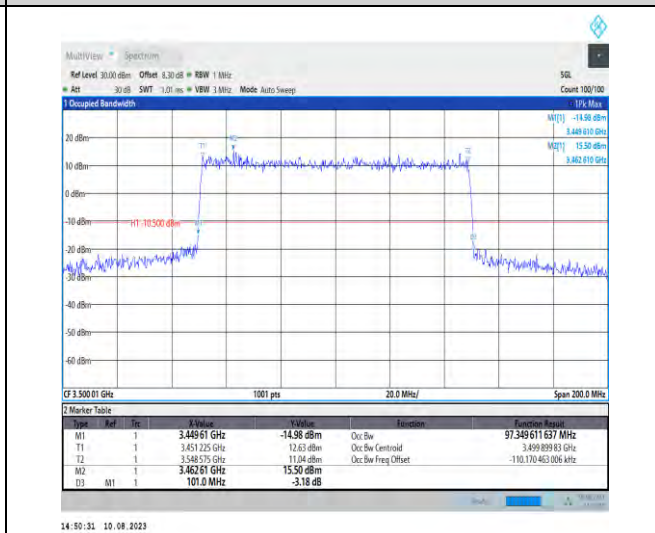
1-N78-3450-3550-PC2-30-100-M-3-DFT-16QAM-Out  
 er\_Full-270@0-Ant1-96.215-100.000-≤100-PASS



1-N78-3450-3550-PC2-30-100-M-4-DFT-64QAM-Out  
 er\_Full-270@0-Ant1-96.188-100.000-≤100-PASS



1-N78-3450-3550-PC2-30-100-M-5-DFT-256QAM-Out  
 er\_Full-270@0-Ant1-96.104-99.800-≤100-PASS



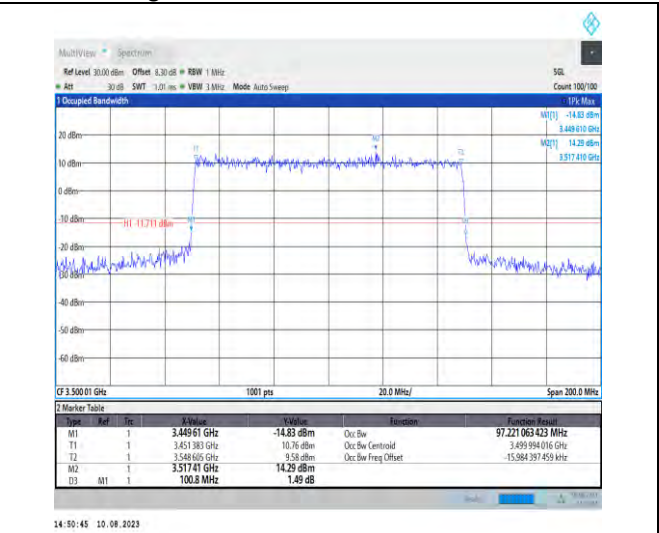
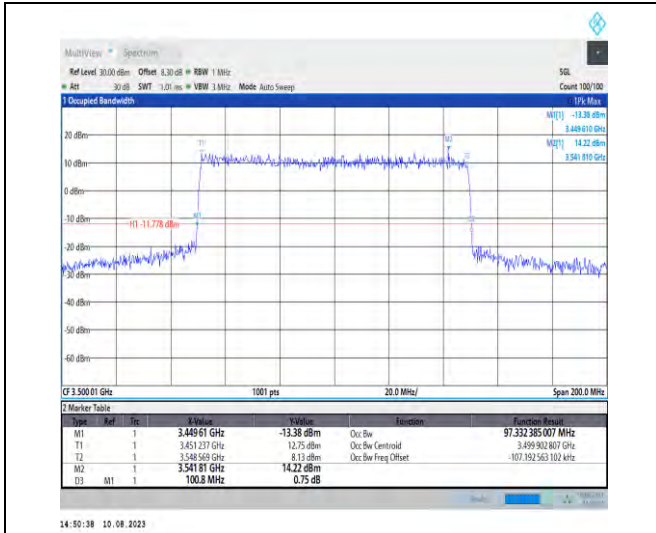
1-N78-3450-3550-PC2-30-100-M-6-CP-QPSK-Outer  
 er\_Full-273@0-Ant1-97.35-101.000-≤100-PASS



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.

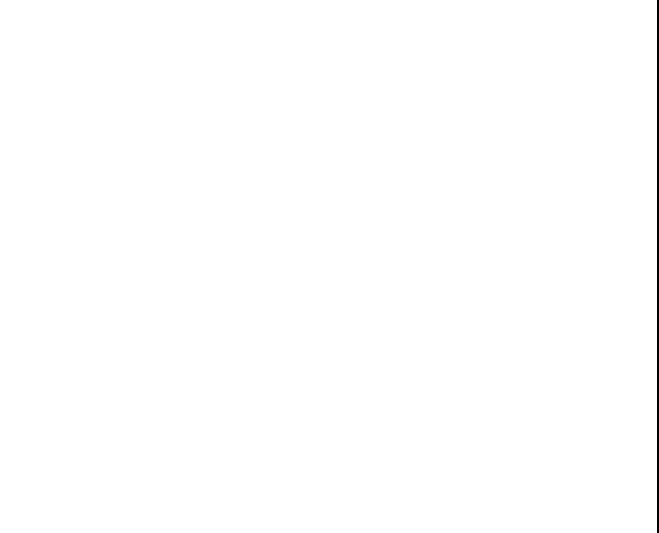
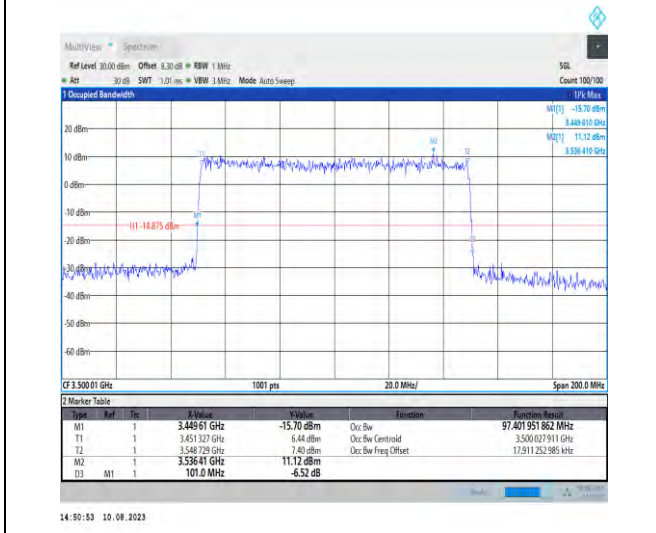
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

South of No. 6 Plant, No. 1, Ransheng 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-N78-3450-3550-PC2-30-100-M-7-CP-16QAM-Outer\_Full-273@0-Ant1-97.332-100.800-≤100-PASS

1-N78-3450-3550-PC2-30-100-M-8-CP-64QAM-Outer\_Full-273@0-Ant1-97.221-100.800-≤100-PASS



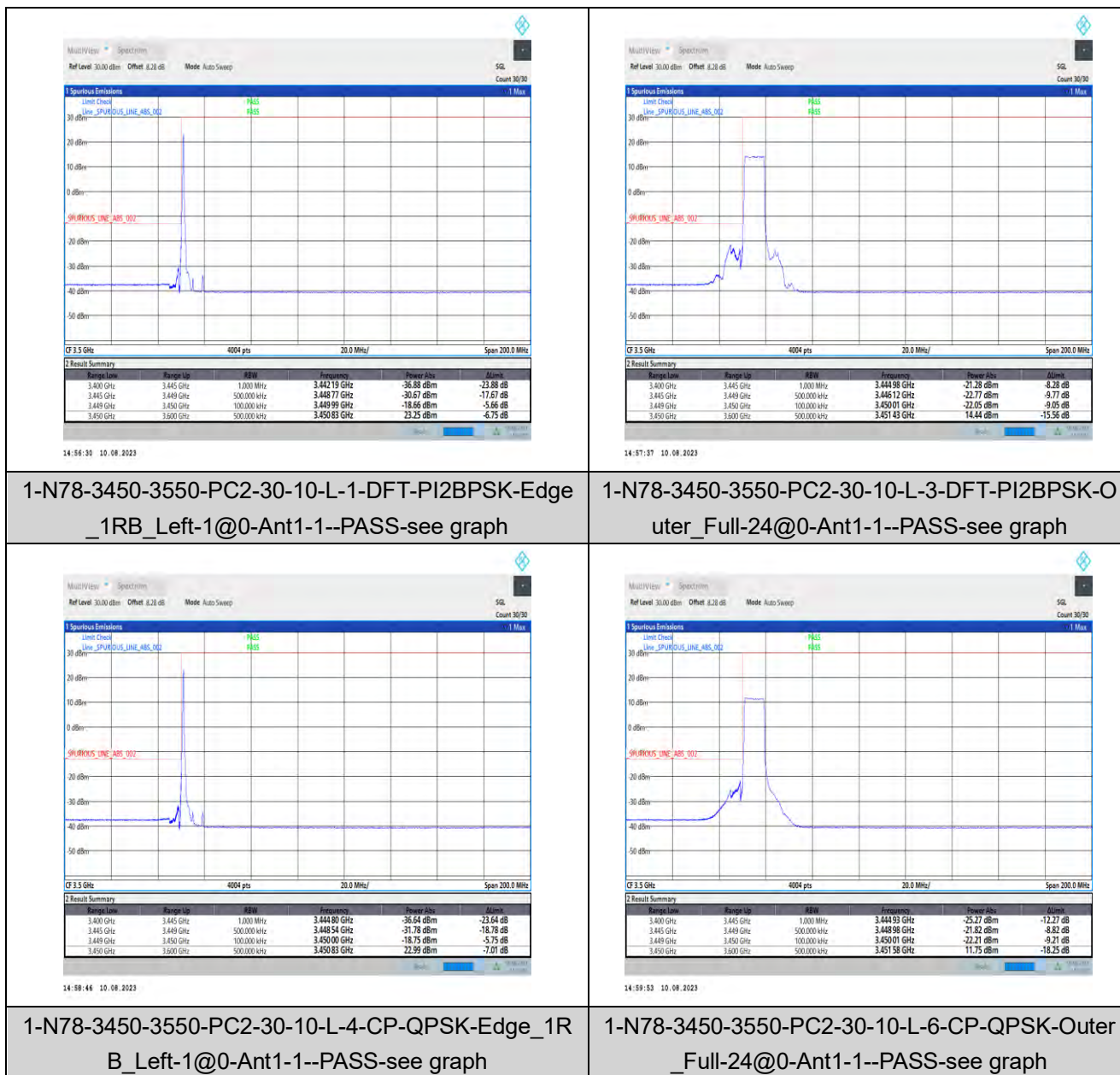
1-N78-3450-3550-PC2-30-100-M-9-CP-256QAM-Outer\_Full-273@0-Ant1-97.402-101.000-≤100-PASS

1-N78-3450-3550-PC2-30-100-M-9-CP-256QAM-Outer\_Full-273@0-Ant1-97.402-101.000-≤100-PASS



## Band Edge for SA

### Test Graphs



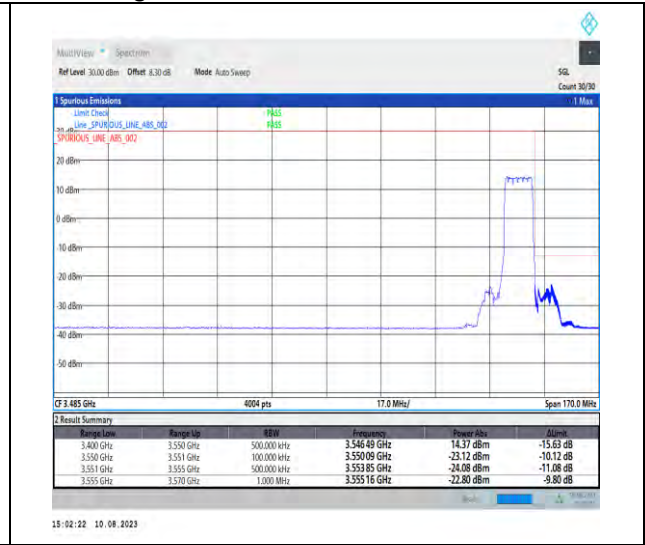
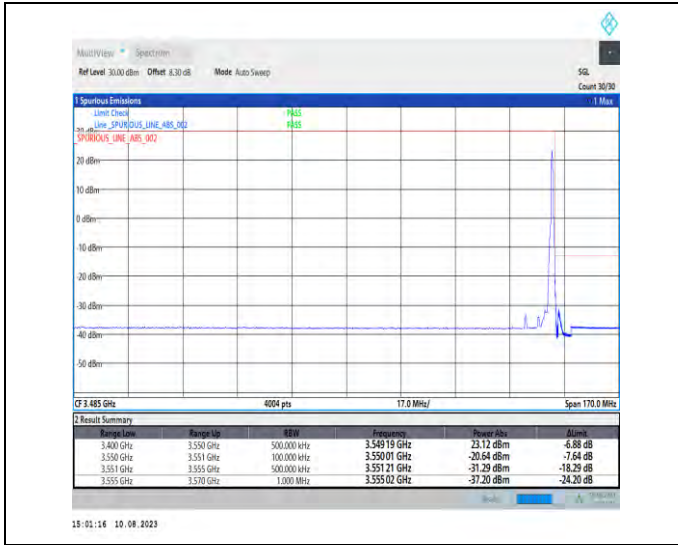
1-N78-3450-3550-PC2-30-10-L-1-DFT-PI2BPSK-Edge  
 \_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-10-L-3-DFT-PI2BPSK-O  
 uter\_Full-24@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-10-L-4-CP-QPSK-Edge\_1R  
 B\_Left-1@0-Ant1-1--PASS-see graph

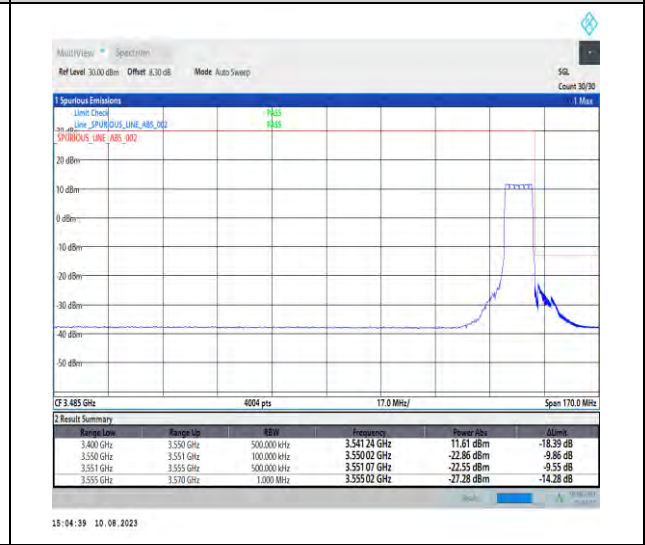
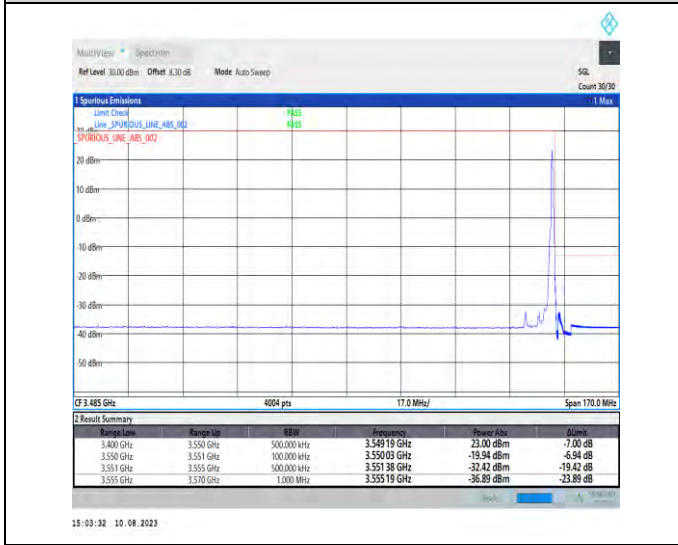
1-N78-3450-3550-PC2-30-10-L-6-CP-QPSK-Outer  
 \_Full-24@0-Ant1-1--PASS-see graph





1-N78-3450-3550-PC2-30-10-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@23-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-10-H-3-DFT-PI2BPSK-Outer\_Full-24@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-10-H-5-CP-QPSK-Edge\_1RB\_Right-1@23-Ant1-1--PASS-see graph

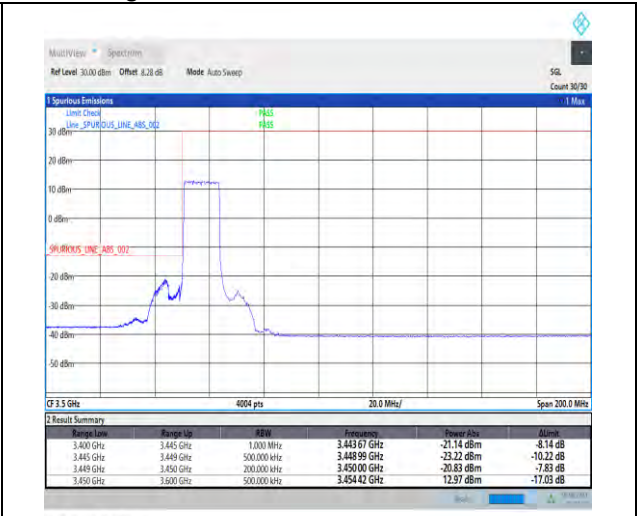
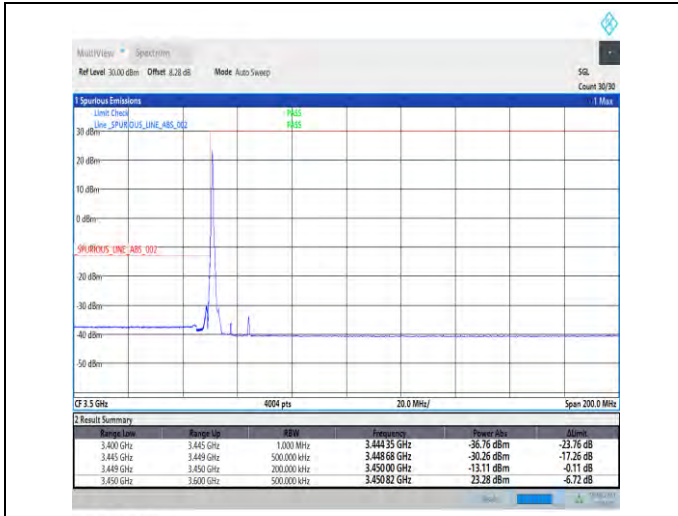
1-N78-3450-3550-PC2-30-10-H-6-CP-QPSK-Outer\_Full-24@0-Ant1-1--PASS-see graph



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 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.

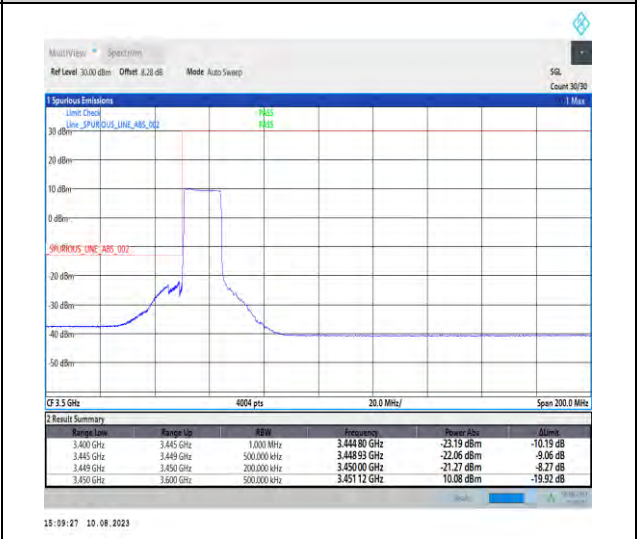
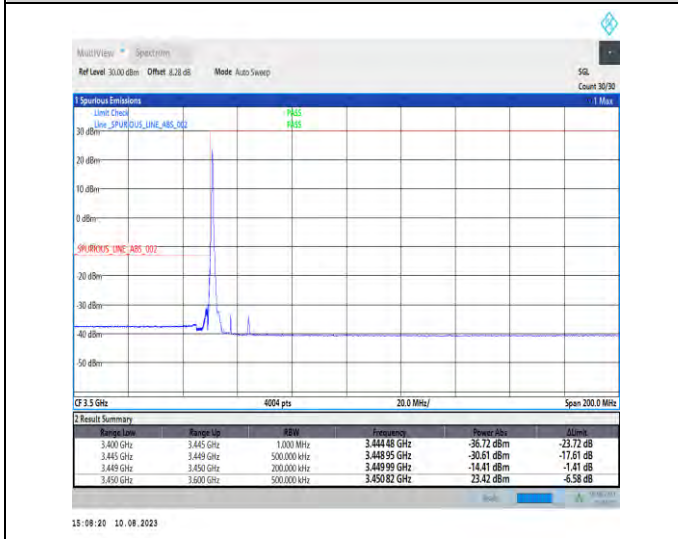
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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-N78-3450-3550-PC2-30-15-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-15-L-3-DFT-PI2BPSK-Outer\_Full-36@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-15-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

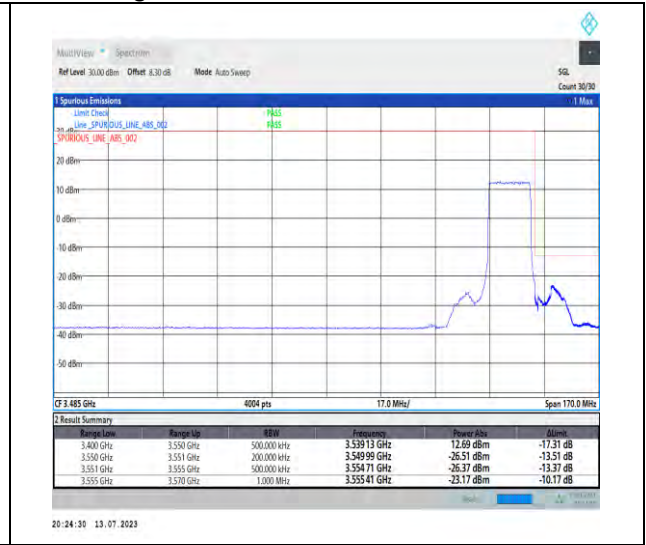
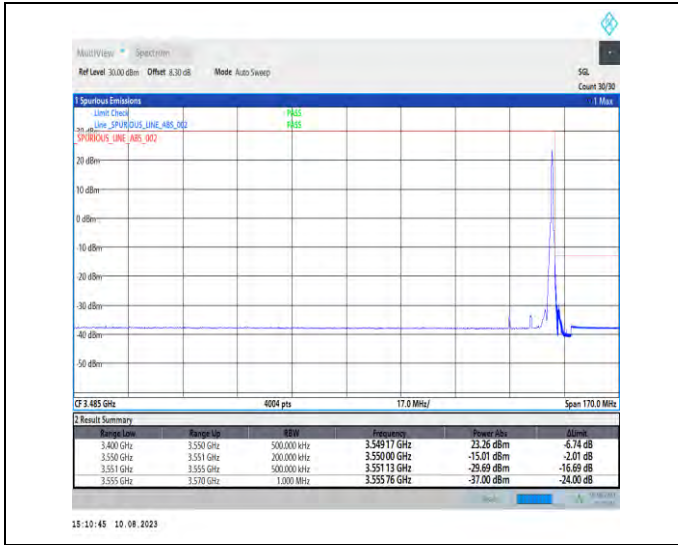
1-N78-3450-3550-PC2-30-15-L-6-CP-QPSK-Outer\_Full-38@0-Ant1-1--PASS-see graph



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 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.

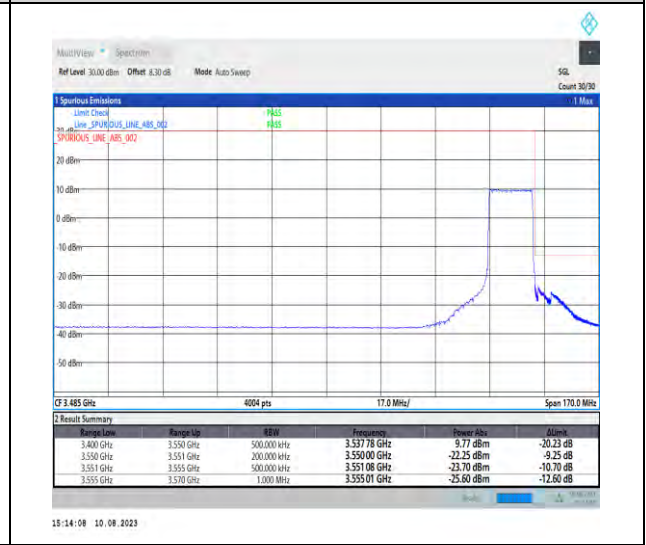
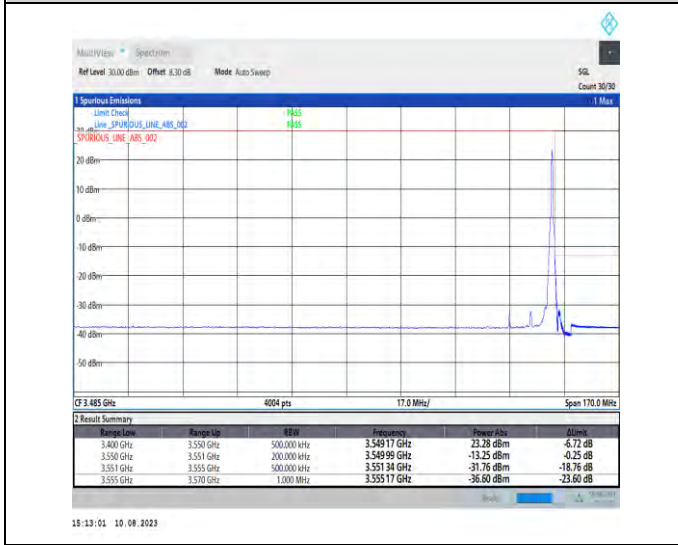
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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-N78-3450-3550-PC2-30-15-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@37-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-15-H-3-DFT-PI2BPSK-Outer\_Full-36@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-15-H-5-CP-QPSK-Edge\_1RB\_Right-1@37-Ant1-1--PASS-see graph

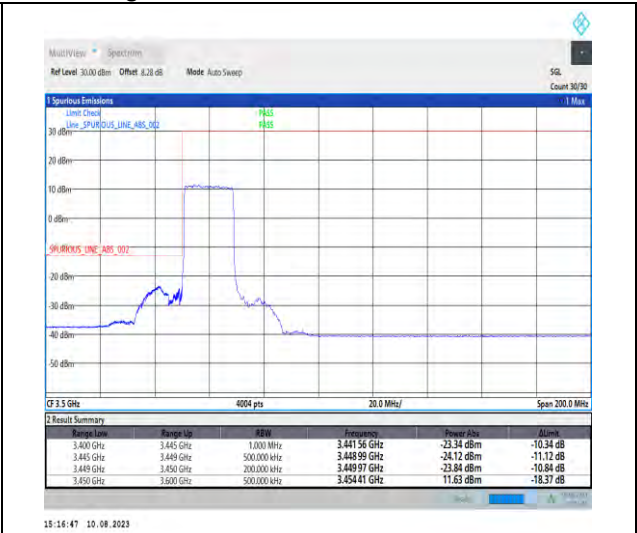
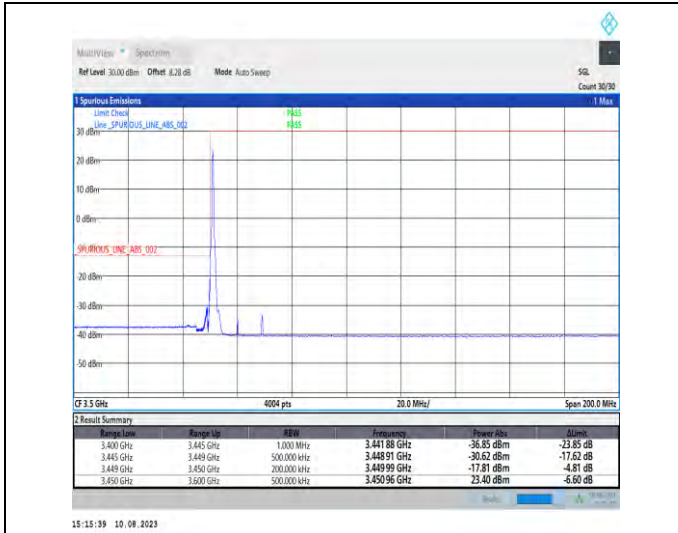
1-N78-3450-3550-PC2-30-15-H-6-CP-QPSK-Outer\_Full-38@0-Ant1-1--PASS-see graph



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 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.

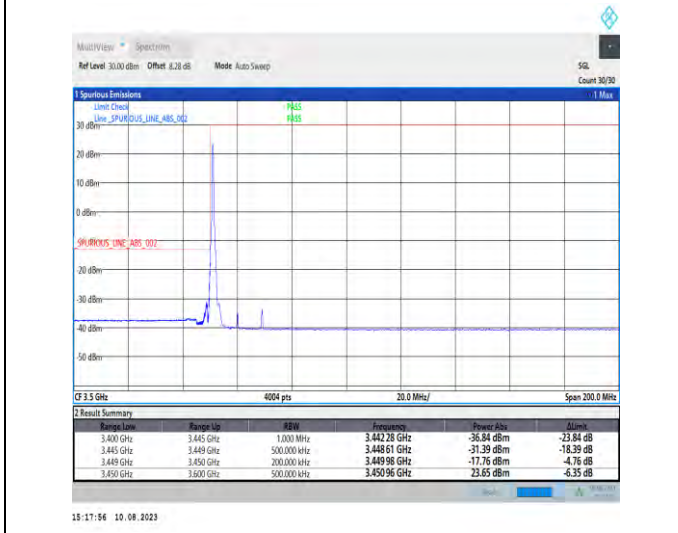
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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-N78-3450-3550-PC2-30-20-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-20-L-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-20-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-20-L-6-CP-QPSK-Outer\_Full-51@0-Ant1-1--PASS-see graph

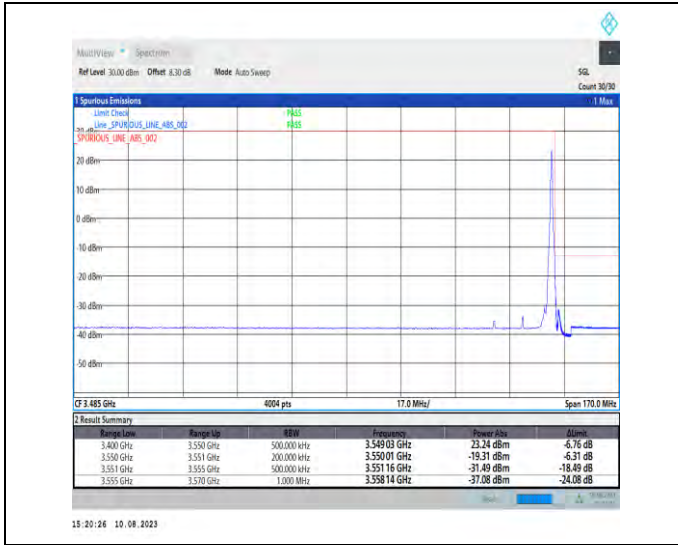


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

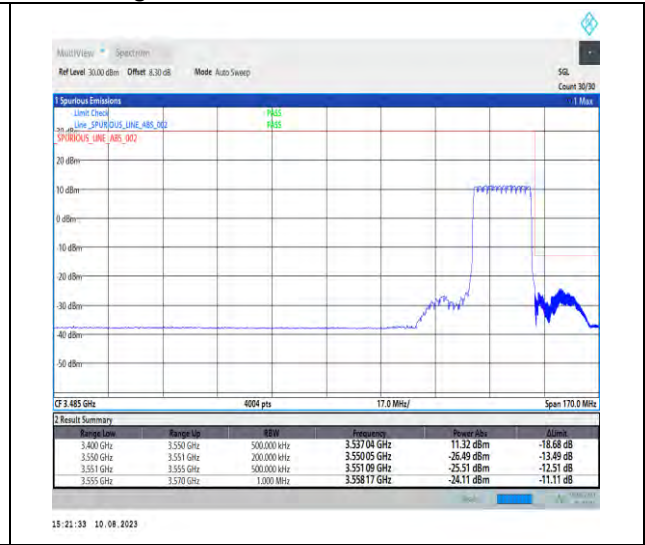
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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

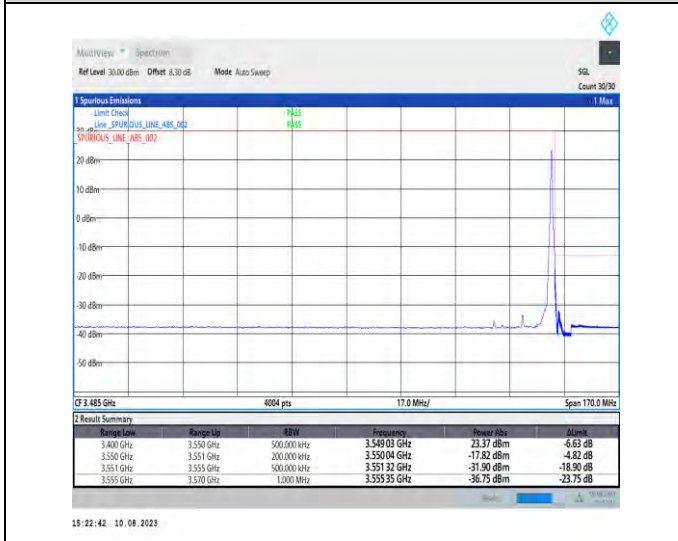




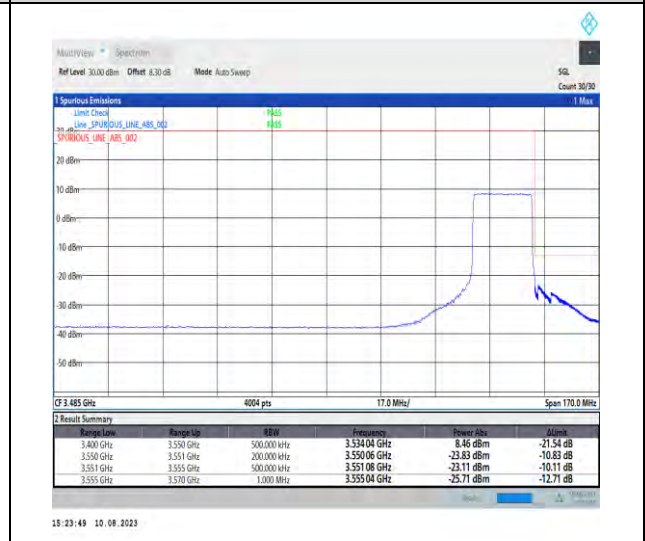
1-N78-3450-3550-PC2-30-20-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@50-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-20-H-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-20-H-5-CP-QPSK-Edge\_1RB\_Right-1@50-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-20-H-6-CP-QPSK-Outer\_Full-51@0-Ant1-1--PASS-see graph

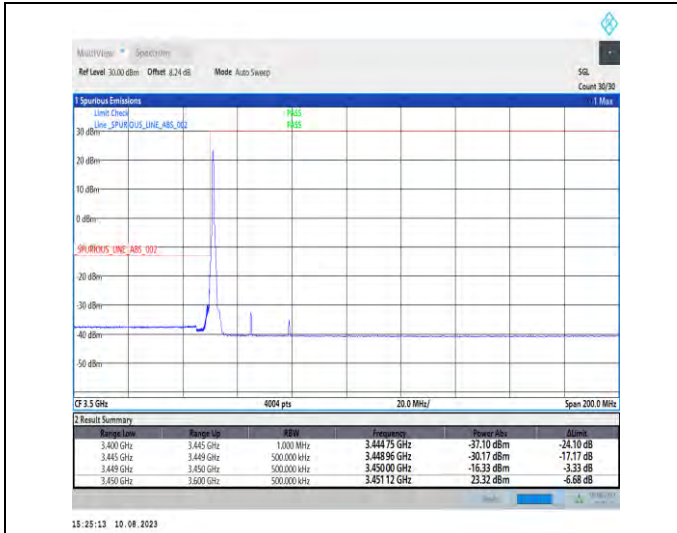


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

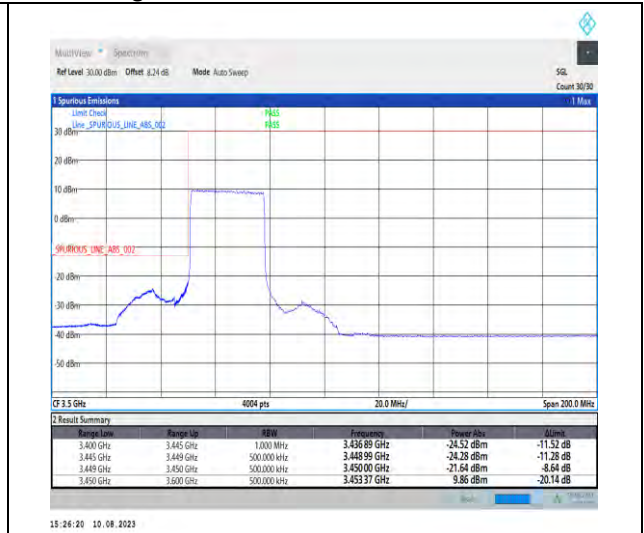
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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

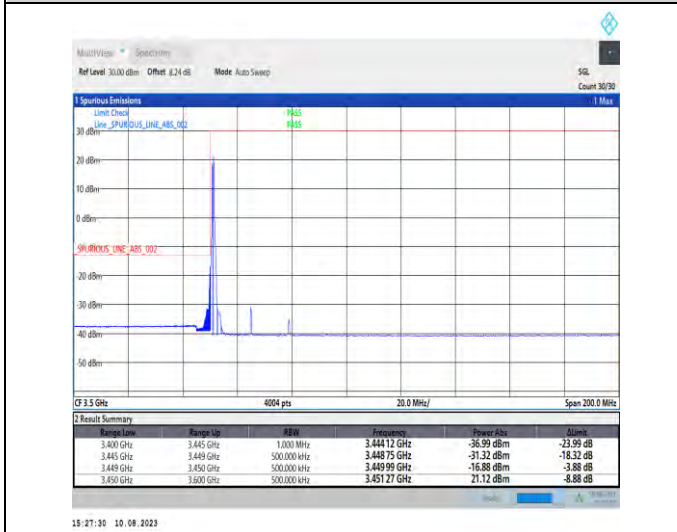
t (86-512) 62992980 www.sgs.com.cn  
 t (86-512) 62992980 sgs.china@sgs.com



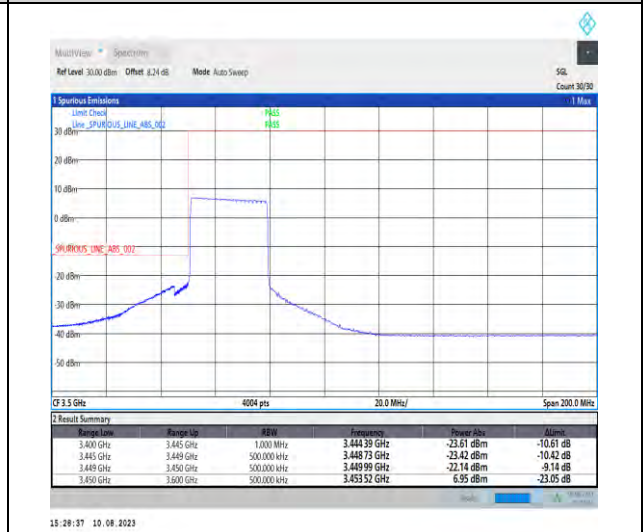
1-N78-3450-3550-PC2-30-30-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-30-L-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-30-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-30-L-6-CP-QPSK-Outer\_Full-78@0-Ant1-1--PASS-see graph

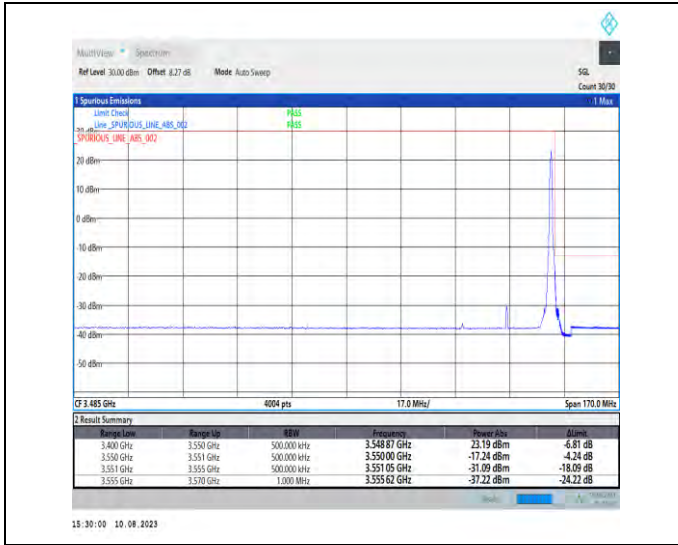


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

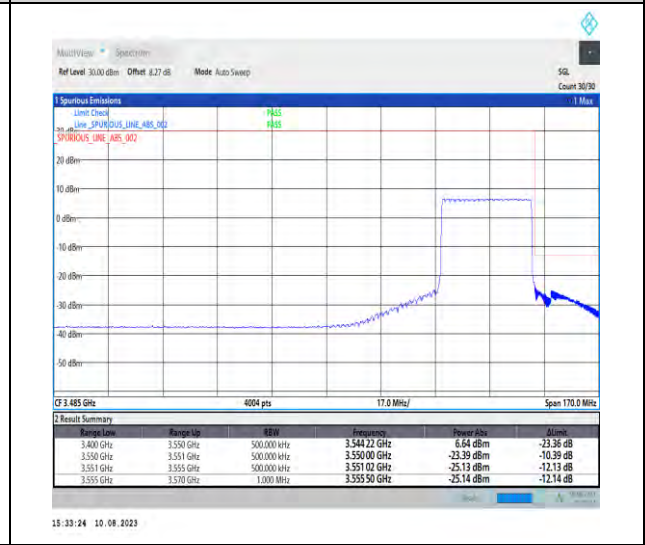
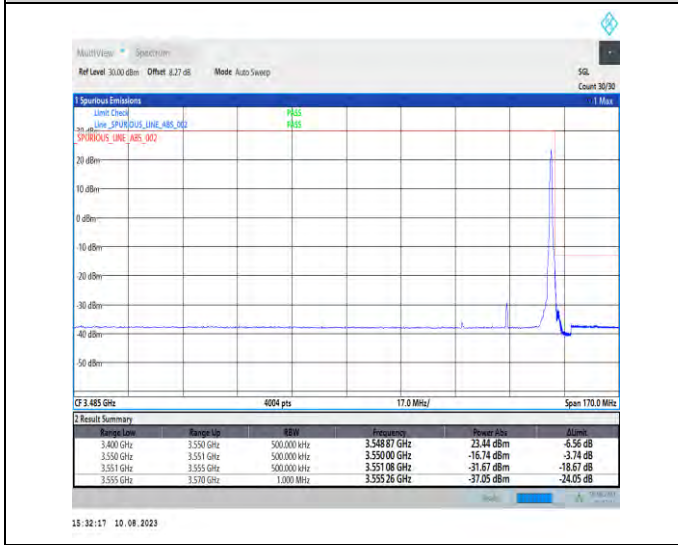
South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



1-N78-3450-3550-PC2-30-30-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@77-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-30-H-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-30-H-5-CP-QPSK-Edge\_1RB\_Right-1@77-Ant1-1--PASS-see graph

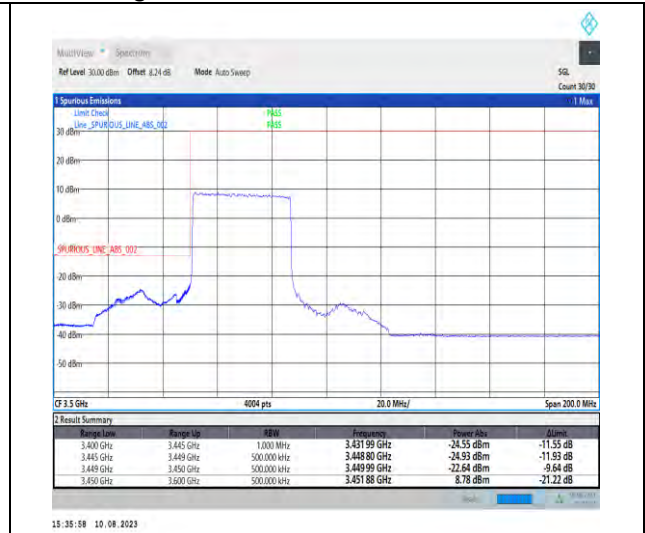
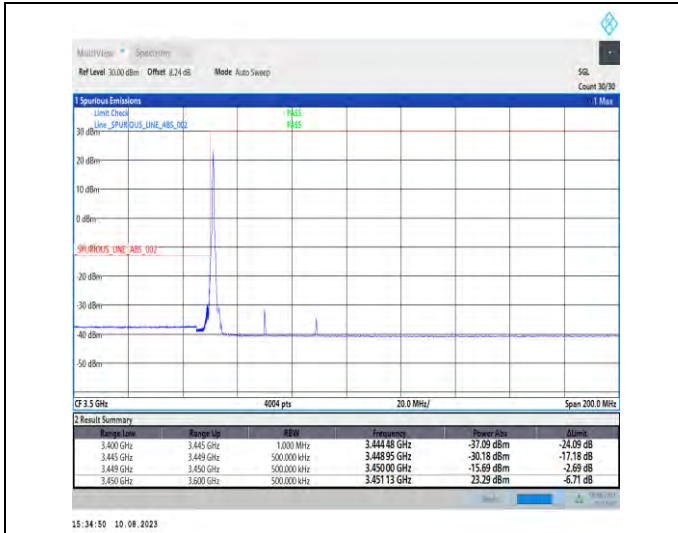
1-N78-3450-3550-PC2-30-30-H-6-CP-QPSK-Outer\_Full-78@0-Ant1-1--PASS-see graph



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 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.

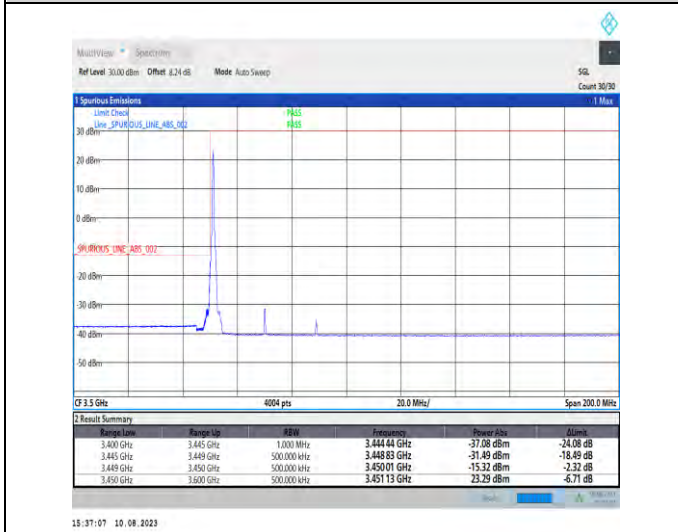
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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-N78-3450-3550-PC2-30-40-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-40-L-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-40-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-40-L-6-CP-QPSK-Outer\_Full-106@0-Ant1-1--PASS-see graph

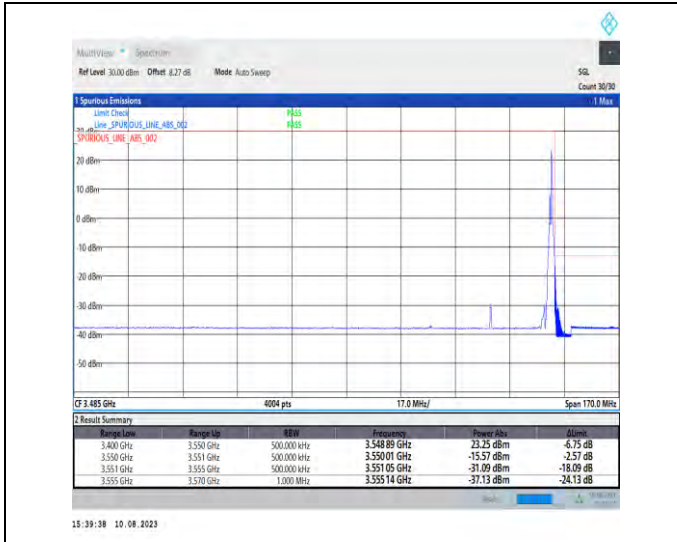


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

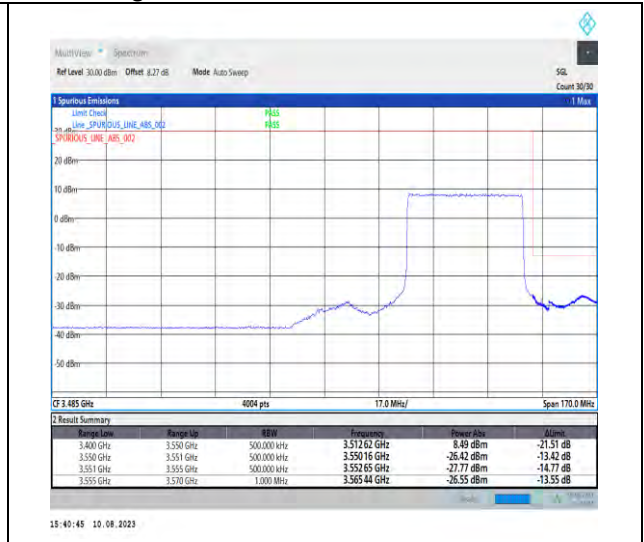
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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

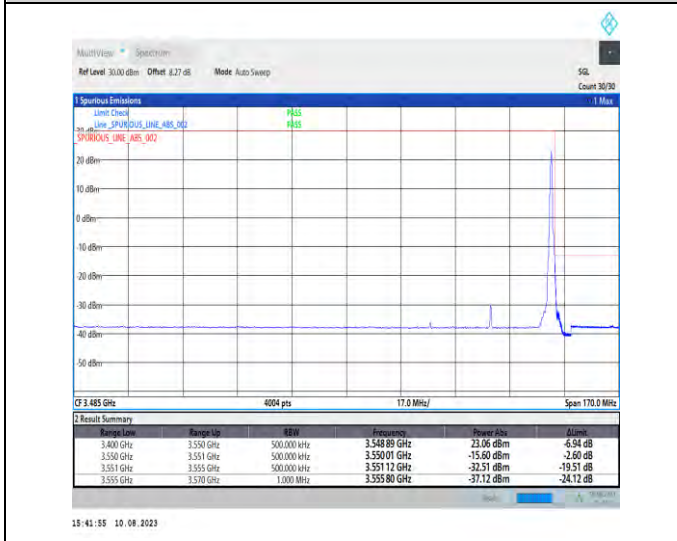
t (86-512) 62992980 www.sgs.com.cn  
 t (86-512) 62992980 sgs.china@sgs.com



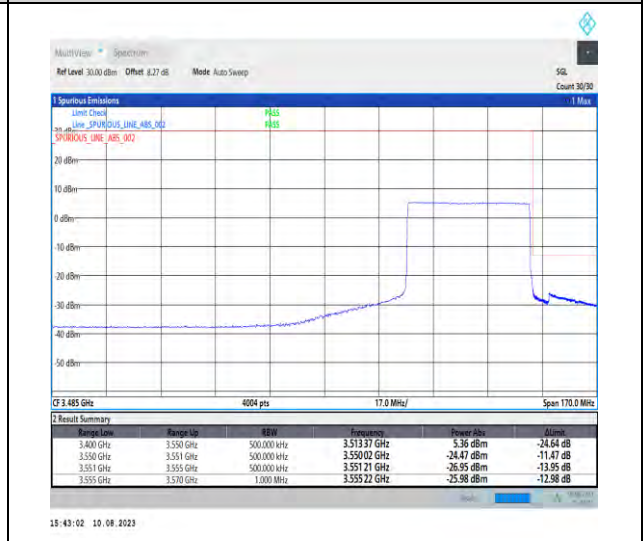
1-N78-3450-3550-PC2-30-40-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@105-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-40-H-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-40-H-5-CP-QPSK-Edge\_1RB\_Right-1@105-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-40-H-6-CP-QPSK-Outer\_Full-106@0-Ant1-1--PASS-see graph

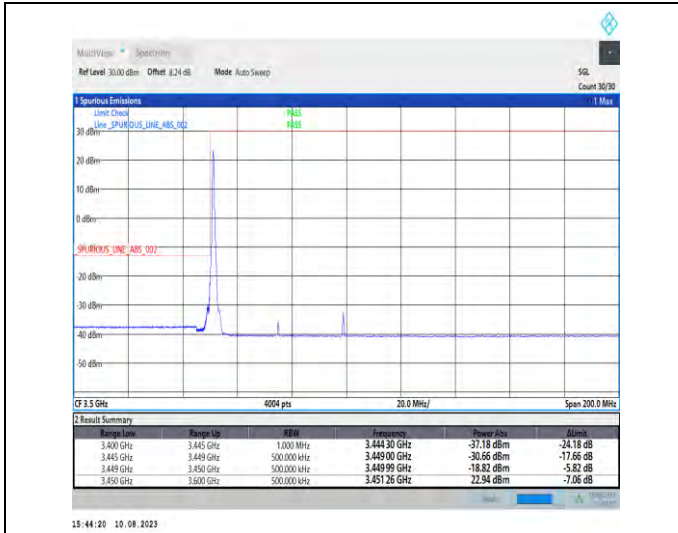


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

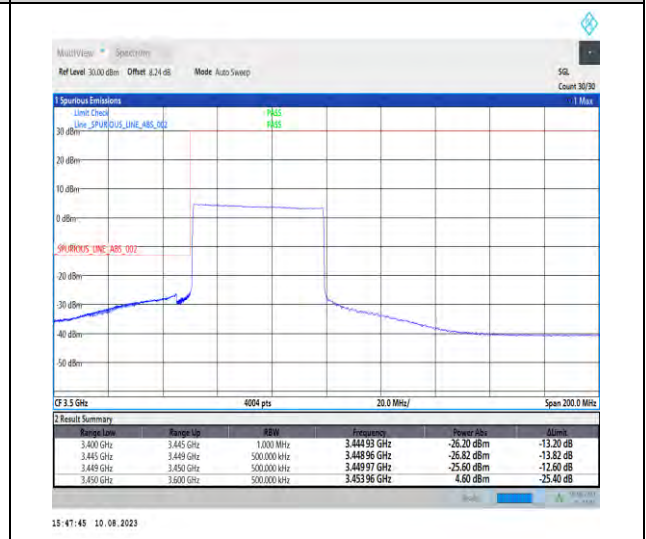
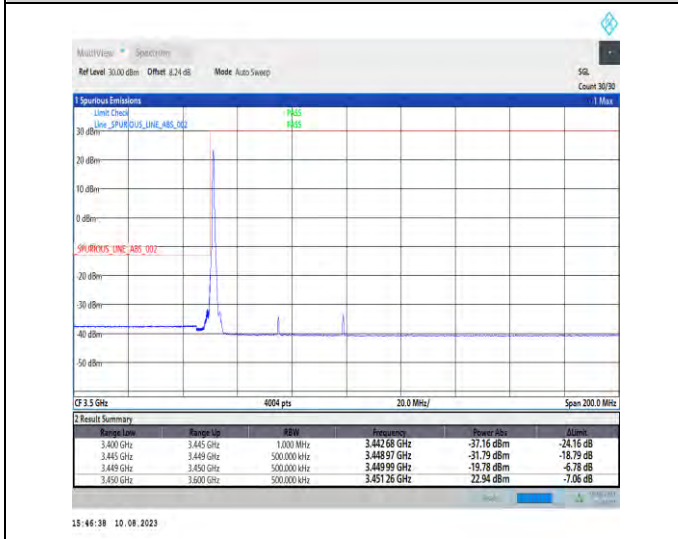
South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



1-N78-3450-3550-PC2-30-50-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-50-L-3-DFT-PI2BPSK-Outer\_Full-128@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-50-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-50-L-6-CP-QPSK-Outer\_Full-133@0-Ant1-1--PASS-see graph

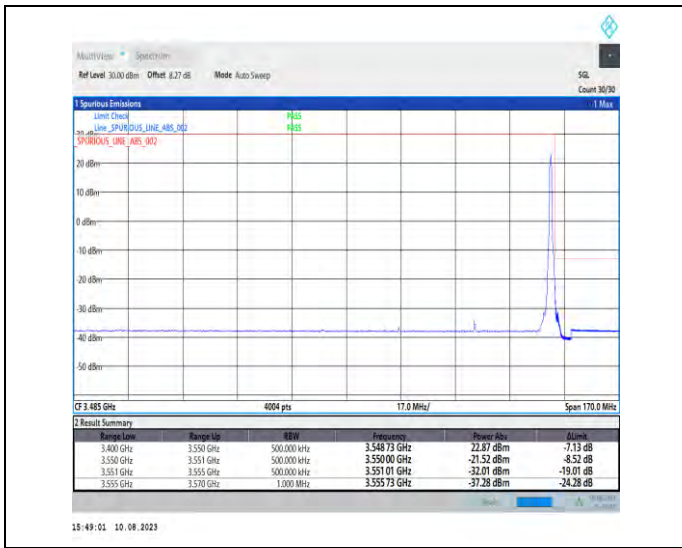


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

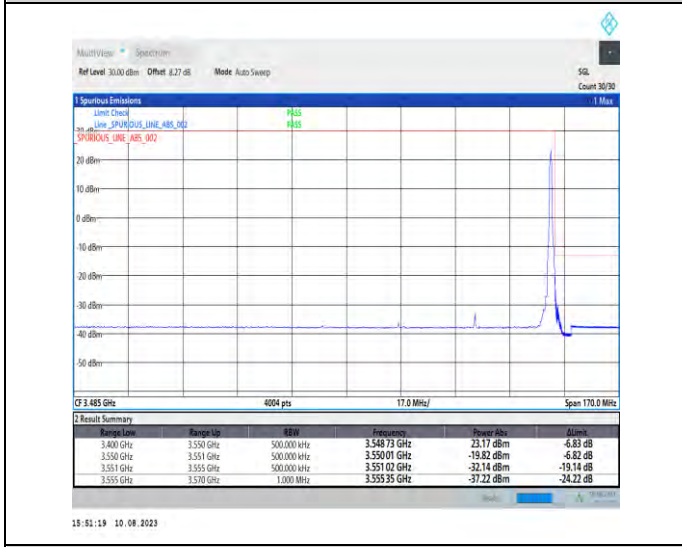
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



1-N78-3450-3550-PC2-30-50-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@132-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-50-H-3-DFT-PI2BPSK-Outer\_Full-128@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-50-H-5-CP-QPSK-Edge\_1RB\_Right-1@132-Ant1-1--PASS-see graph

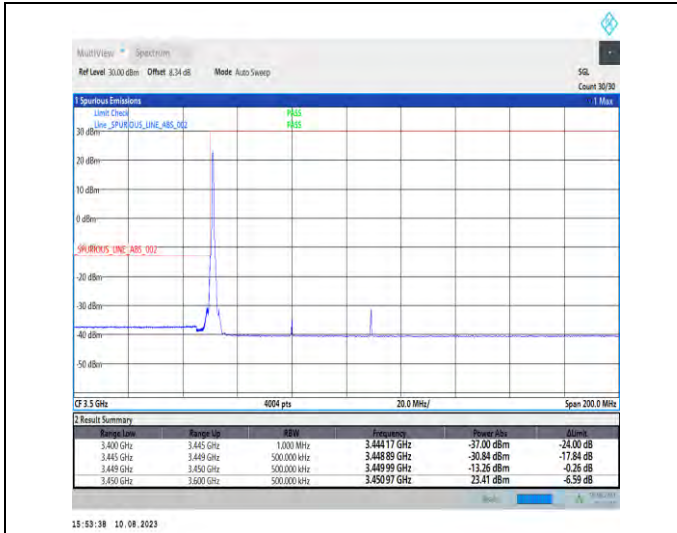
1-N78-3450-3550-PC2-30-50-H-6-CP-QPSK-Outer\_Full-133@0-Ant1-1--PASS-see graph



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 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.

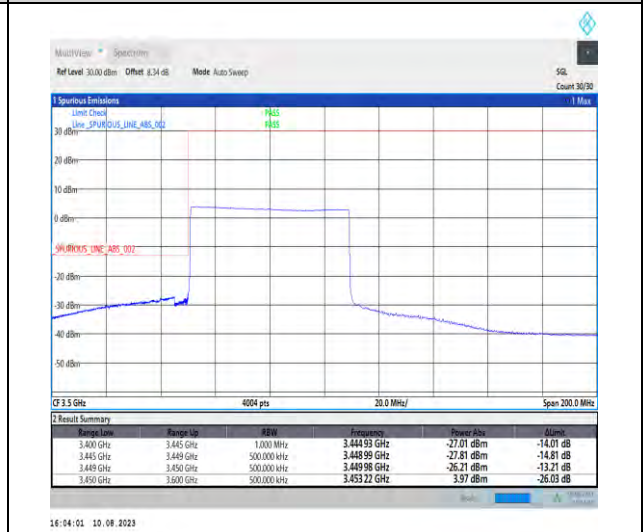
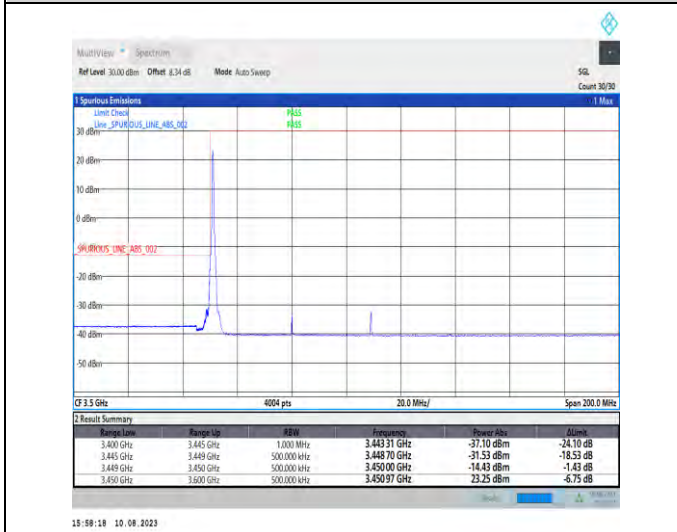
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

South of No. 6 Plant, No. 1, Ransheng 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-N78-3450-3550-PC2-30-60-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-60-L-3-DFT-PI2BPSK-Outer\_Full-162@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-60-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-60-L-6-CP-QPSK-Outer\_Full-162@0-Ant1-1--PASS-see graph



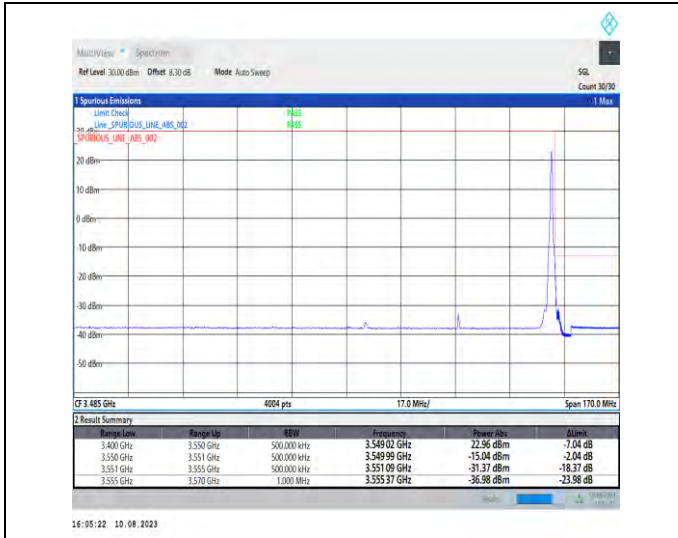
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

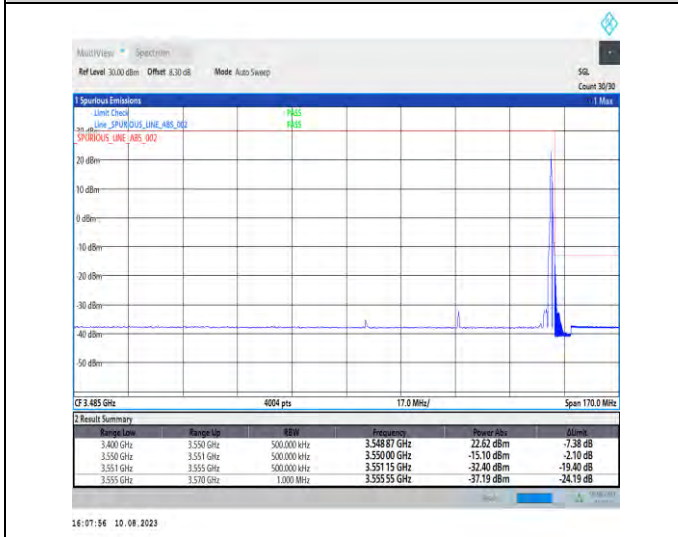




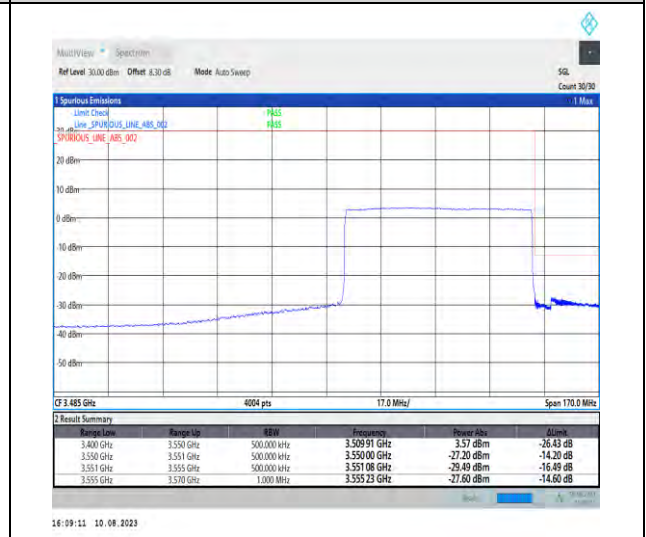
1-N78-3450-3550-PC2-30-60-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@161-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-60-H-3-DFT-PI2BPSK-Outer\_Full-162@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-60-H-5-CP-QPSK-Edge\_1RB\_Right-1@161-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-60-H-6-CP-QPSK-Outer\_Full-162@0-Ant1-1--PASS-see graph

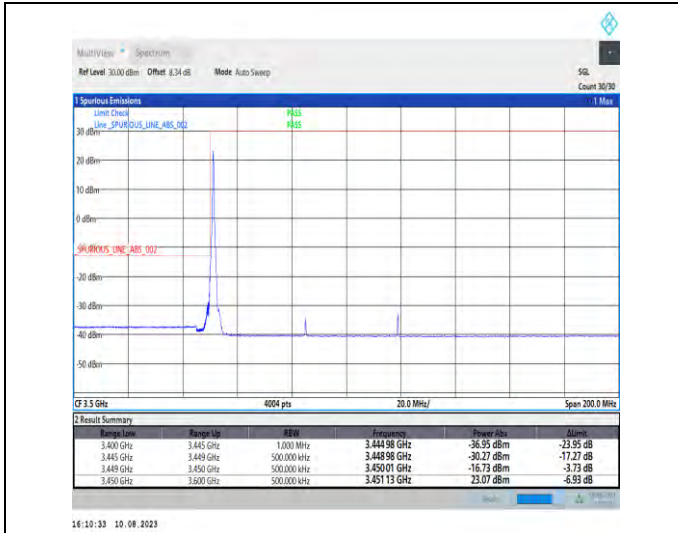


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

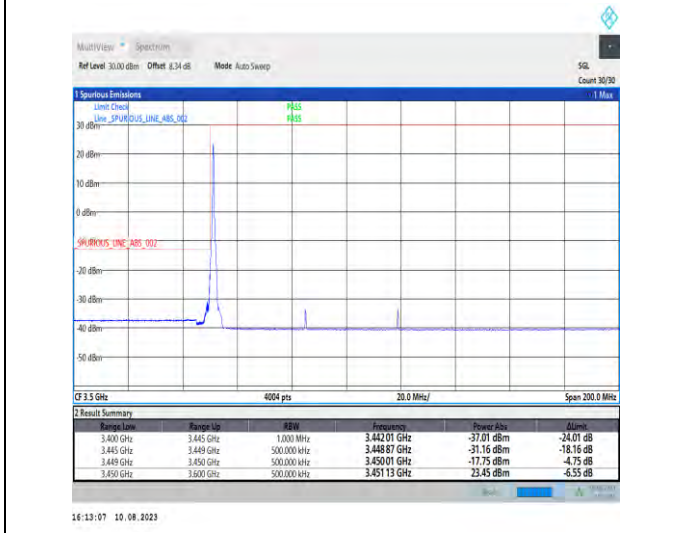
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



1-N78-3450-3550-PC2-30-70-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-70-L-3-DFT-PI2BPSK-Outer\_Full-180@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-70-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-70-L-6-CP-QPSK-Outer\_Full-189@0-Ant1-1--PASS-see graph

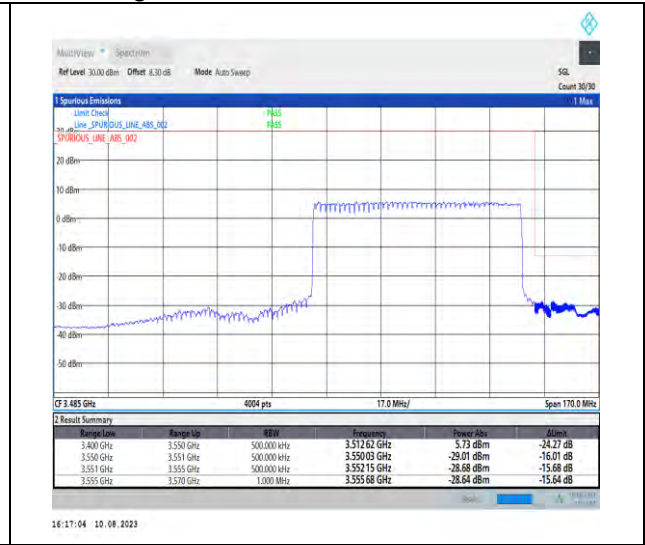
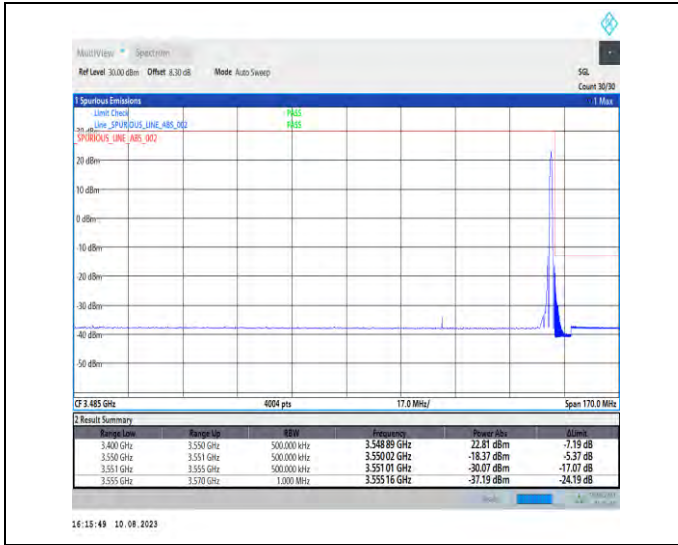


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

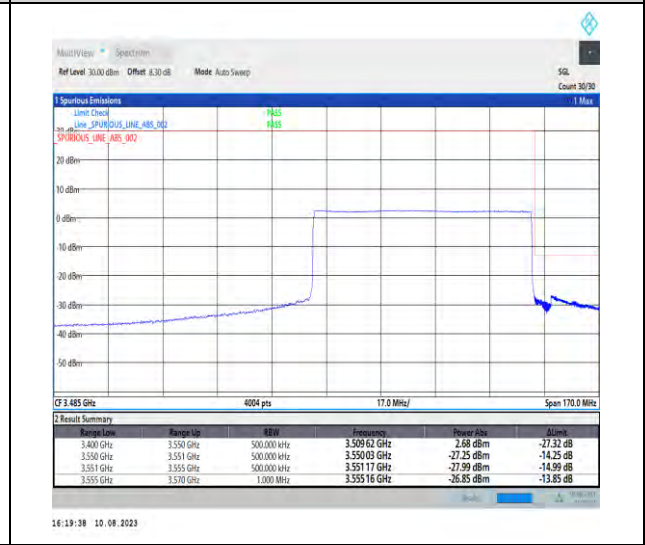
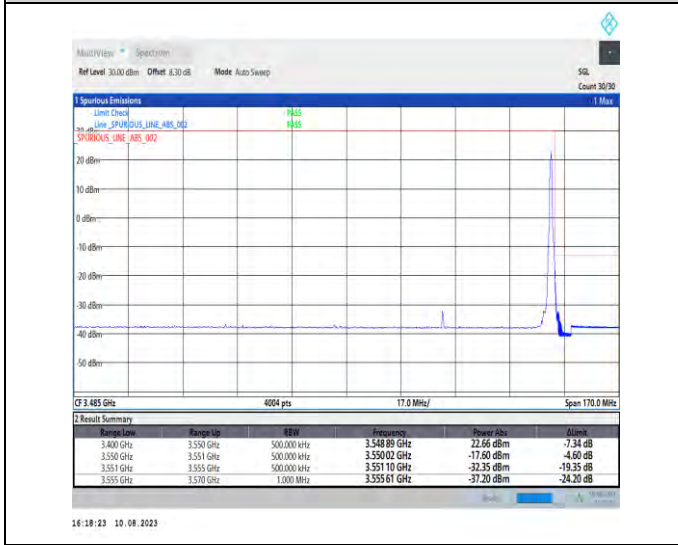
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



1-N78-3450-3550-PC2-30-70-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@188-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-70-H-3-DFT-PI2BPSK-Outer\_Full-180@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-70-H-5-CP-QPSK-Edge\_1RB\_Right-1@188-Ant1-1--PASS-see graph

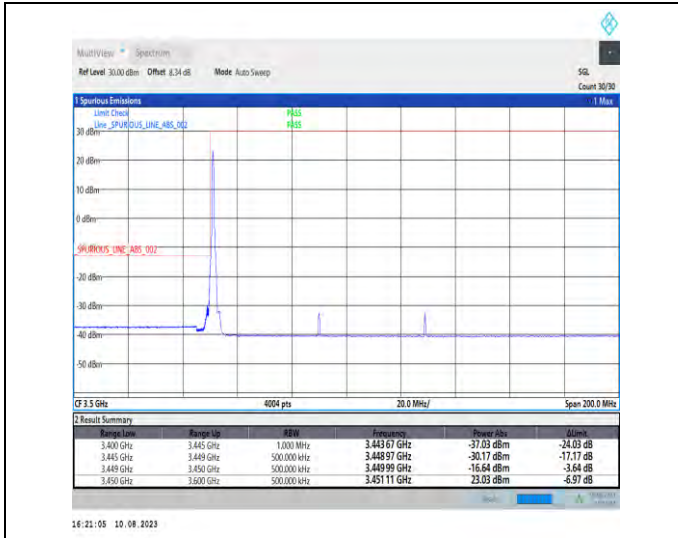
1-N78-3450-3550-PC2-30-70-H-6-CP-QPSK-Outer\_Full-189@0-Ant1-1--PASS-see graph



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 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.

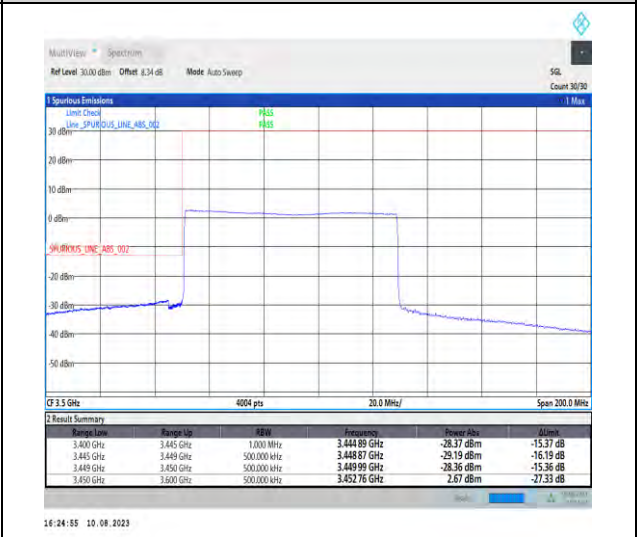
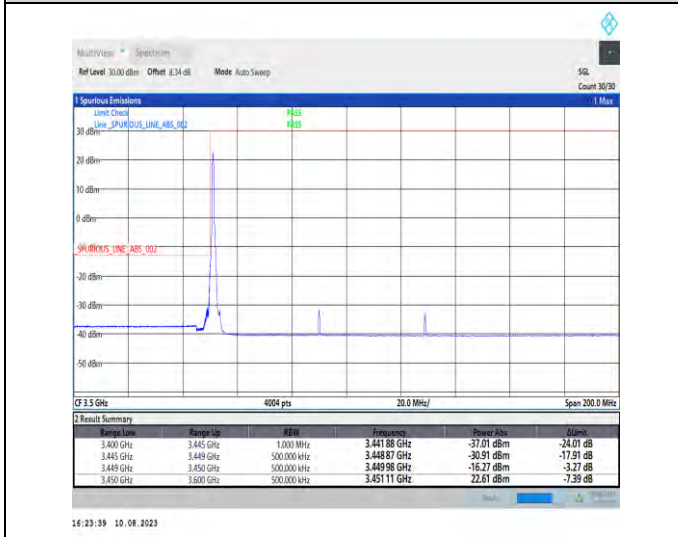
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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-N78-3450-3550-PC2-30-80-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-80-L-3-DFT-PI2BPSK-Outer\_Full-216@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-80-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-80-L-6-CP-QPSK-Outer\_Full-217@0-Ant1-1--PASS-see graph

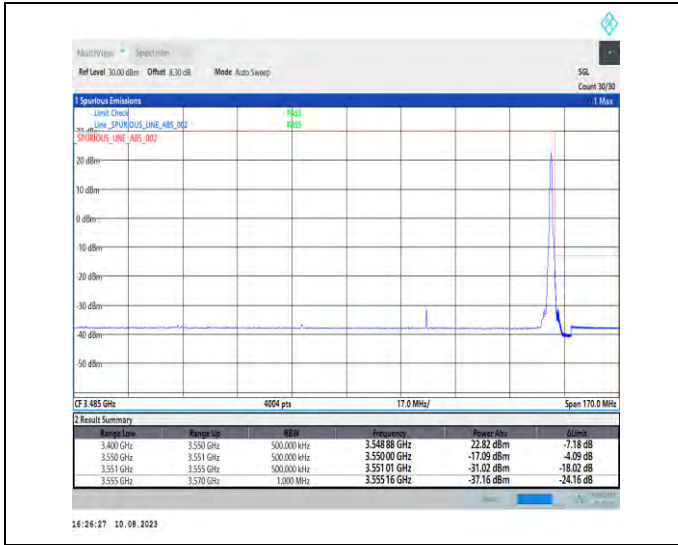


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

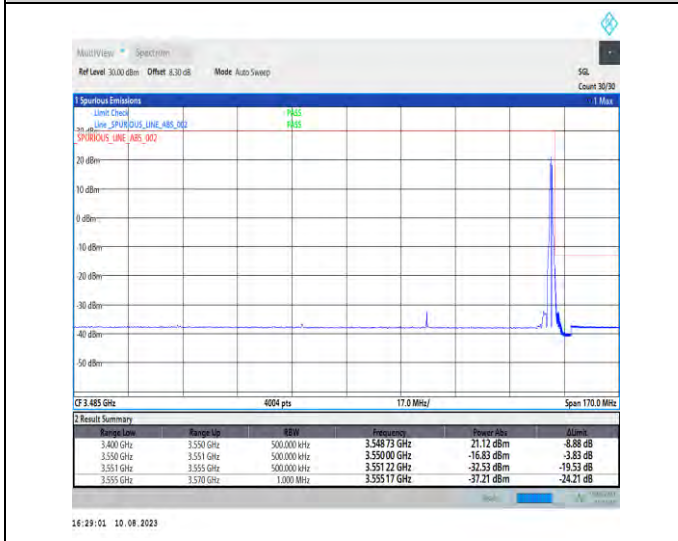
t (86-512) 62992980 www.sgs.com.cn  
 t (86-512) 62992980 sgs.china@sgs.com



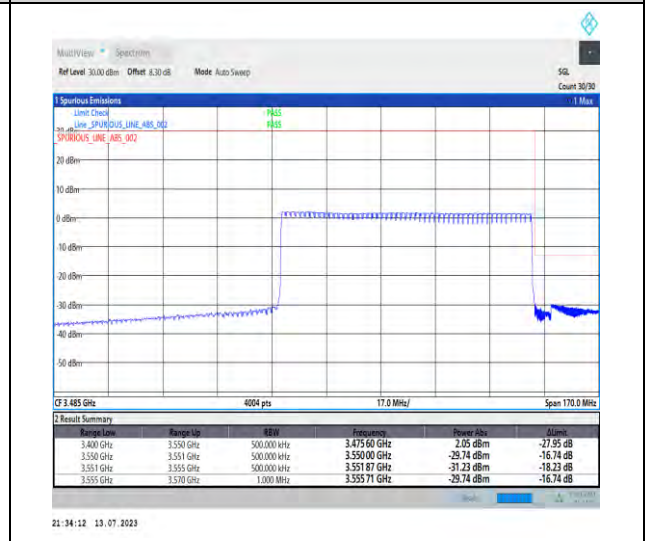
1-N78-3450-3550-PC2-30-80-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@216-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-80-H-3-DFT-PI2BPSK-Outer\_Full-216@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-80-H-5-CP-QPSK-Edge\_1RB\_Right-1@216-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-80-H-6-CP-QPSK-Outer\_Full-217@0-Ant1-1--PASS-see graph

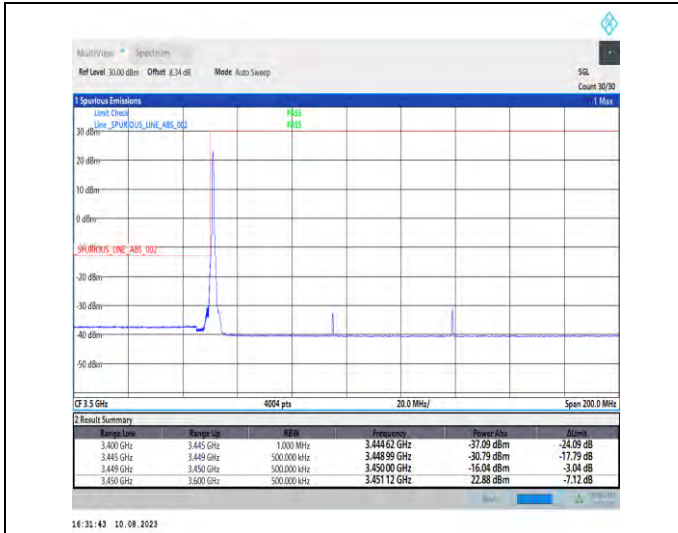


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

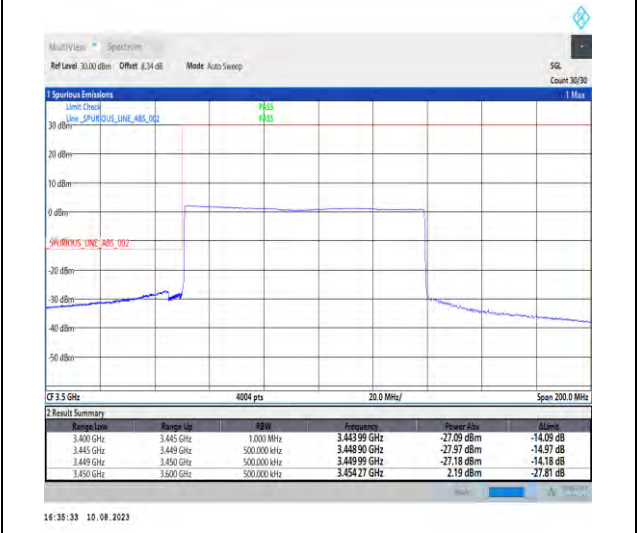
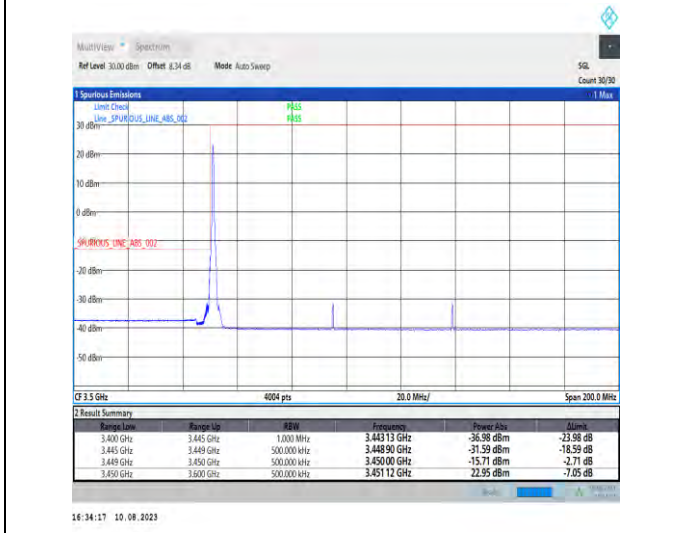
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



1-N78-3450-3550-PC2-30-90-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-90-L-3-DFT-PI2BPSK-Outer\_Full-240@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-90-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-90-L-6-CP-QPSK-Outer\_Full-245@0-Ant1-1--PASS-see graph

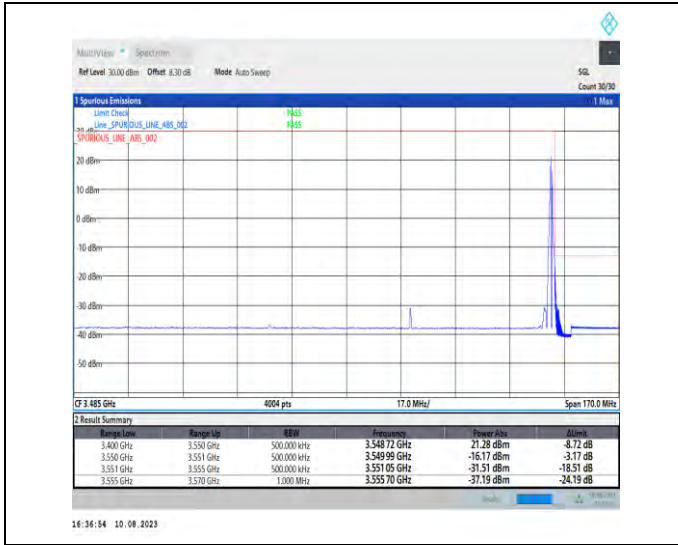


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic document documents, subject to Terms and Conditions for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

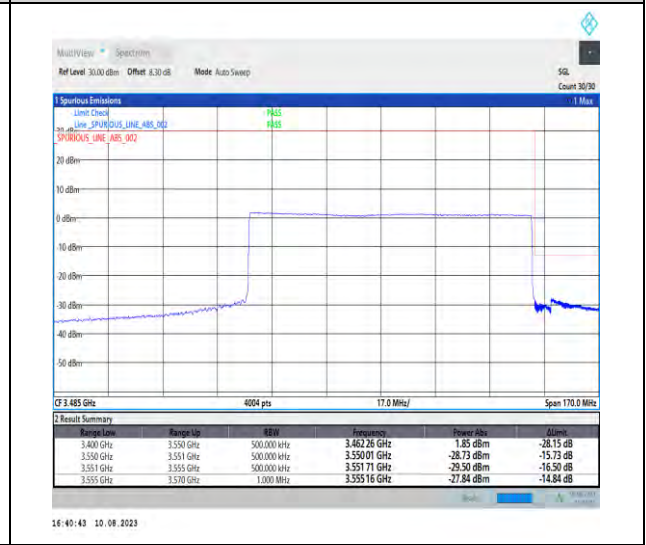
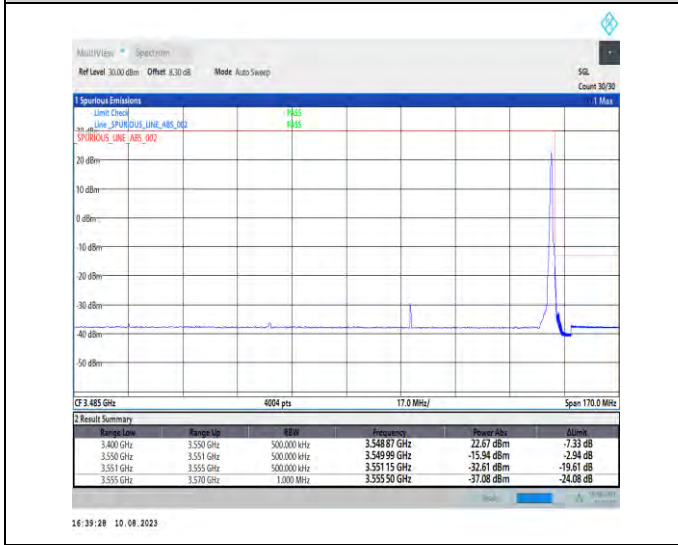
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



1-N78-3450-3550-PC2-30-90-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@244-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-90-H-3-DFT-PI2BPSK-Outer\_Full-240@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-90-H-5-CP-QPSK-Edge\_1RB\_Right-1@244-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-90-H-6-CP-QPSK-Outer\_Full-245@0-Ant1-1--PASS-see graph

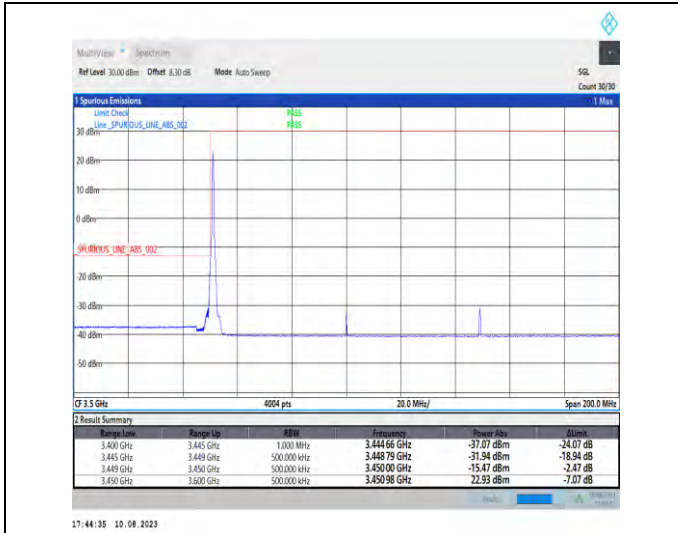


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

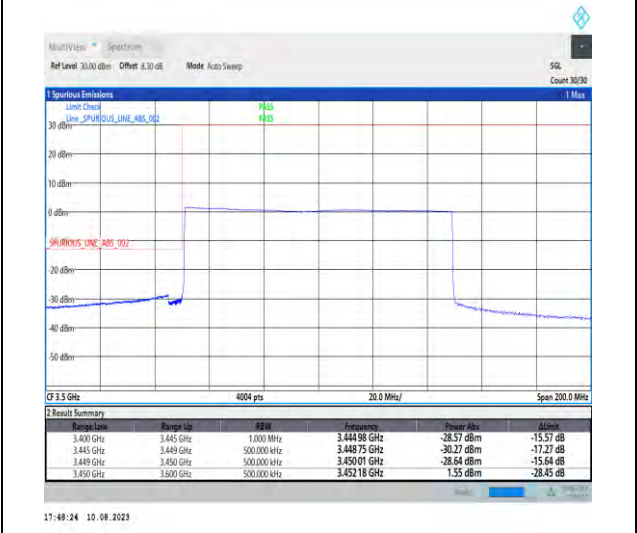
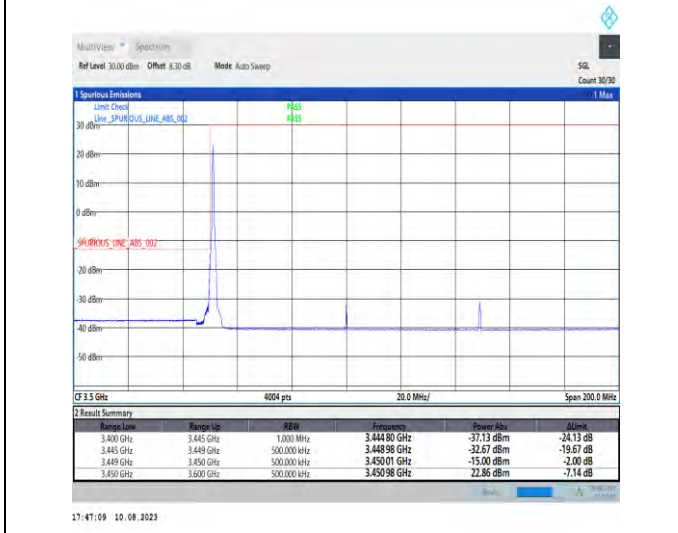
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



1-N78-3450-3550-PC2-30-100-L-1-DFT-PI2BPSK-Edge\_1\_RB\_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-100-L-3-DFT-PI2BPSK-Outer\_Full-270@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-100-L-4-CP-QPSK-Edge\_1\_RB\_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-100-L-6-CP-QPSK-Outer\_Full-273@0-Ant1-1--PASS-see graph



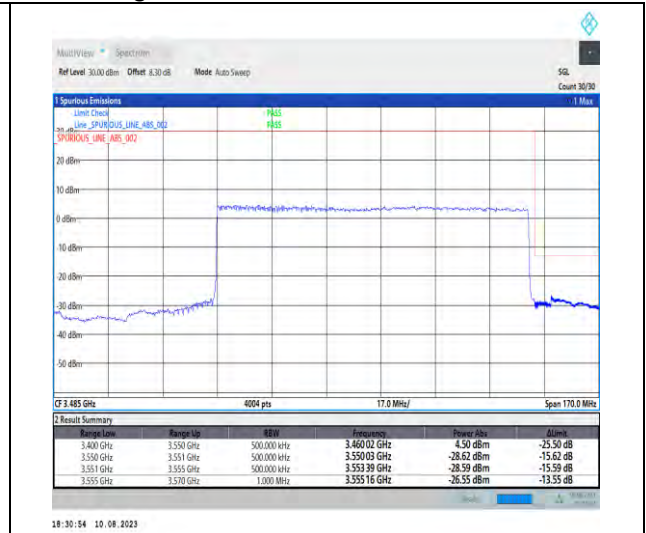
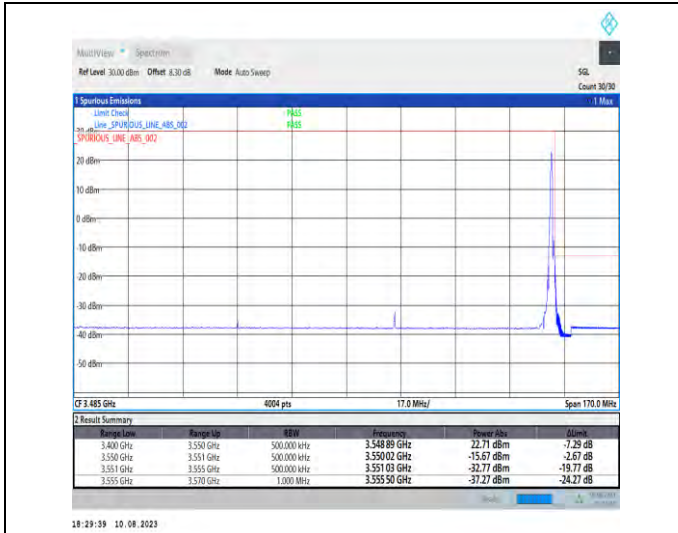
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

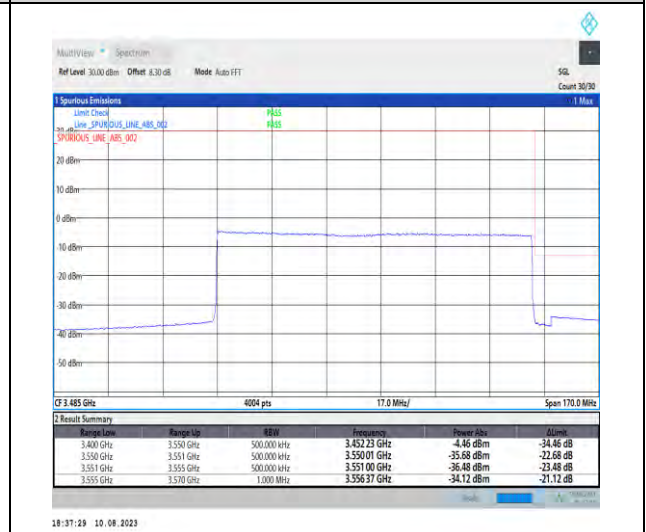
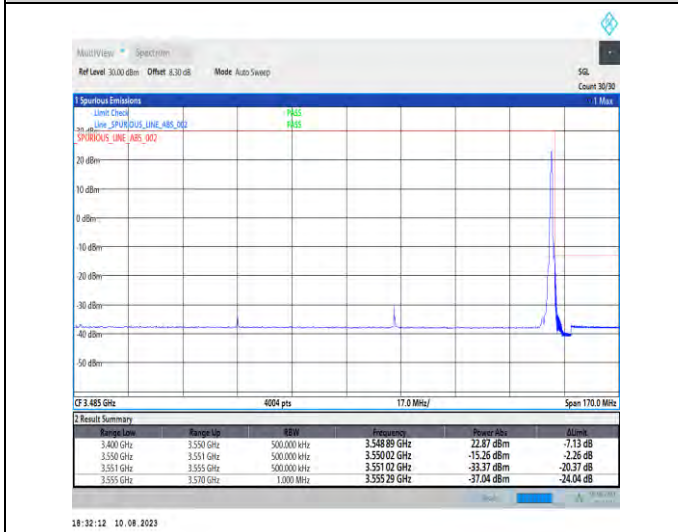
t (86-512) 62992980 www.sgs.com.cn  
 t (86-512) 62992980 sgs.china@sgs.com





1-N78-3450-3550-PC2-30-100-H-2-DFT-PI2BPSK-Edge\_1\_RB\_Right-1@272-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-100-H-3-DFT-PI2BPSK-Outer\_Full-270@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-100-H-5-CP-QPSK-Edge\_1\_RB\_Right-1@272-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-100-H-6-CP-QPSK-Outer\_Full-273@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 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  
 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

<p>1-N78-3450-3550-PC2-30-100-L-1-N/A-DFT-PI2BP SK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.02--80. 56--43-PASS</p>	<p>1-N78-3450-3550-PC2-30-100-L-1-N/A-DFT-PI2BPS K-Inner_1RB_Left-1@1-0.15-30-Ant1-0.33--82.51--3 3-PASS</p>
<p>1-N78-3450-3550-PC2-30-100-L-1-N/A-DFT-PI2BP SK-Inner_1RB_Left-1@1-30-1000-Ant1-34.85--65.0 0--13-PASS</p>	<p>1-N78-3450-3550-PC2-30-100-L-1-N/A-DFT-PI2BPS K-Inner_1RB_Left-1@1-1000-6000-Ant1-5919.50--38 .46--13-PASS</p>

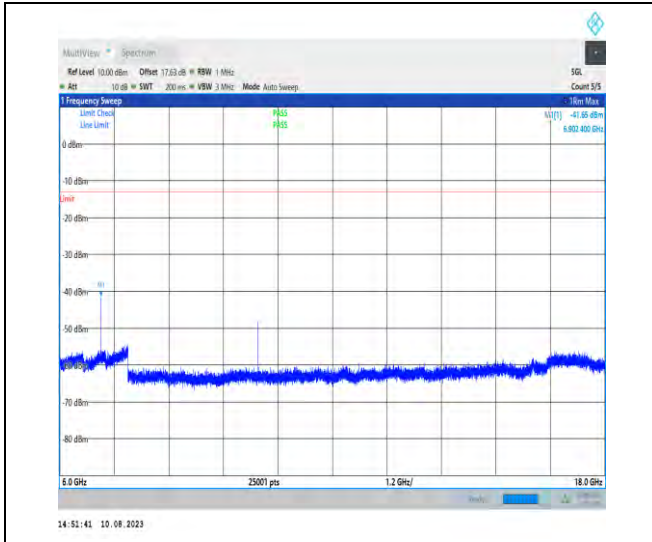


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

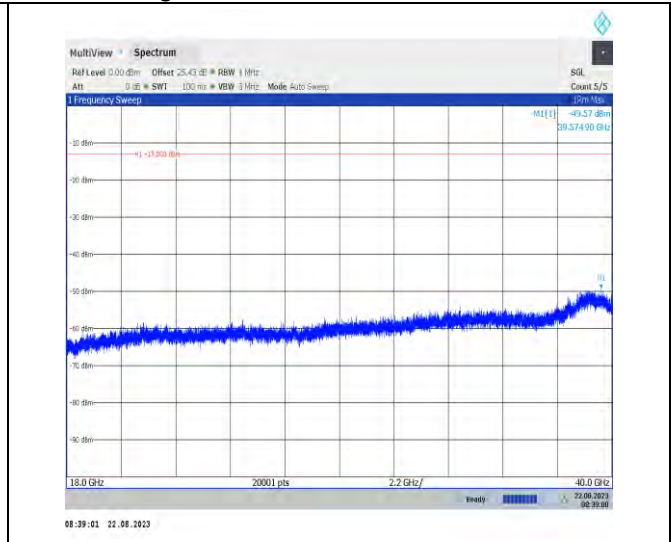
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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

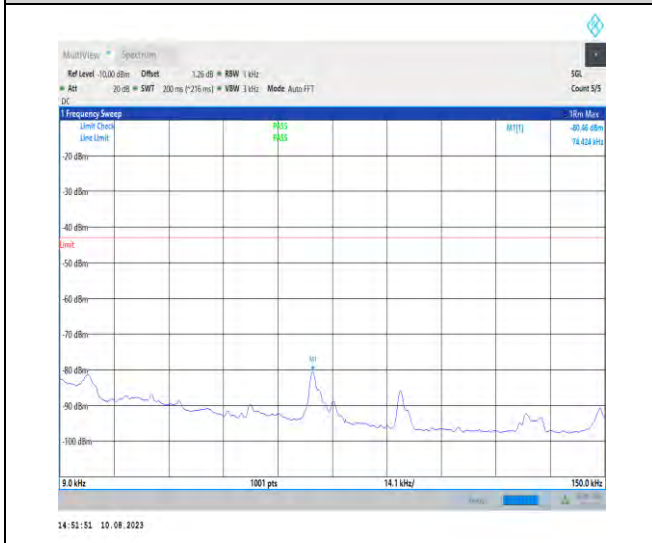
t (86-512) 62992980 www.sgs.com.cn  
t (86-512) 62992980 sgs.china@sgs.com



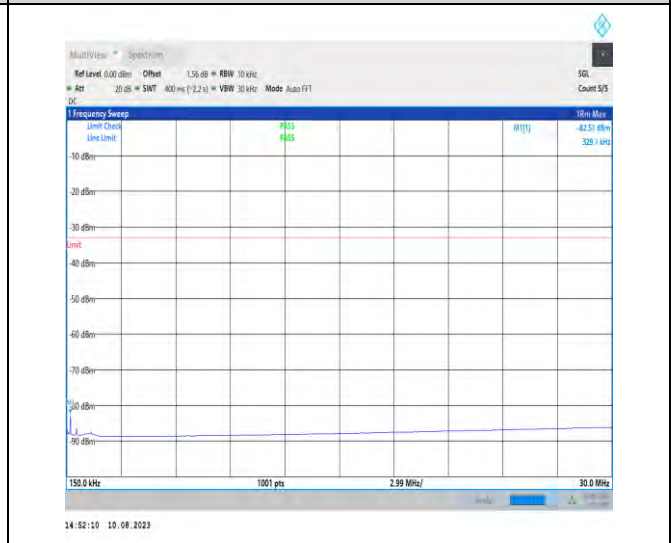
1-N78-3450-3550-PC2-30-100-L-1-N/A-DFT-PI2BP  
SK-Inner\_1RB\_Left-1@1-6000-18000-Ant1-7354.08  
--41.65--13-PASS



1-N78-3450-3550-PC2-30-100-L-1-N/A-DFT-PI2BPS  
K-Inner\_1RB\_Left-1@1-18000-40000-Ant1-18000.00  
--58.14--13-PASS

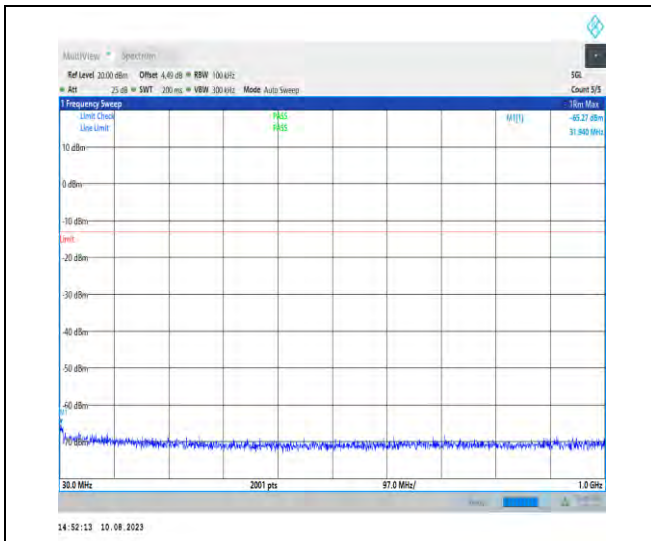


1-N78-3450-3550-PC2-30-100-M-1-N/A-DFT-PI2BP  
SK-Inner\_1RB\_Left-1@1-0.009-0.15-Ant1-0.07--80.  
46--43-PASS

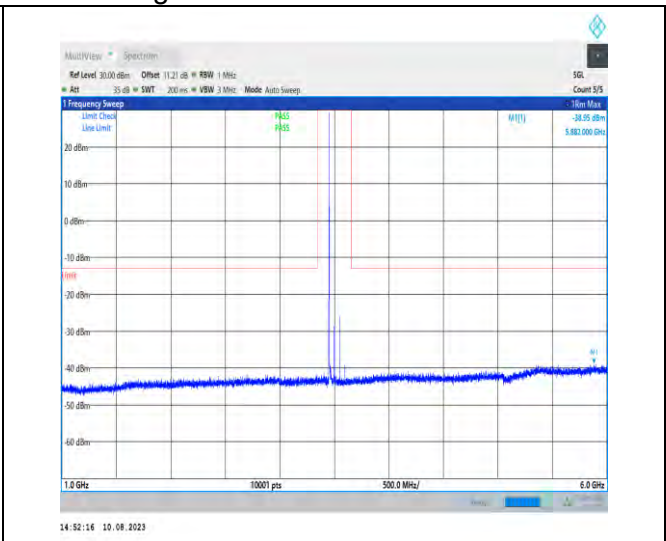


1-N78-3450-3550-PC2-30-100-M-1-N/A-DFT-PI2BPS  
K-Inner\_1RB\_Left-1@1-0.15-30-Ant1-0.33--82.51--3  
3-PASS

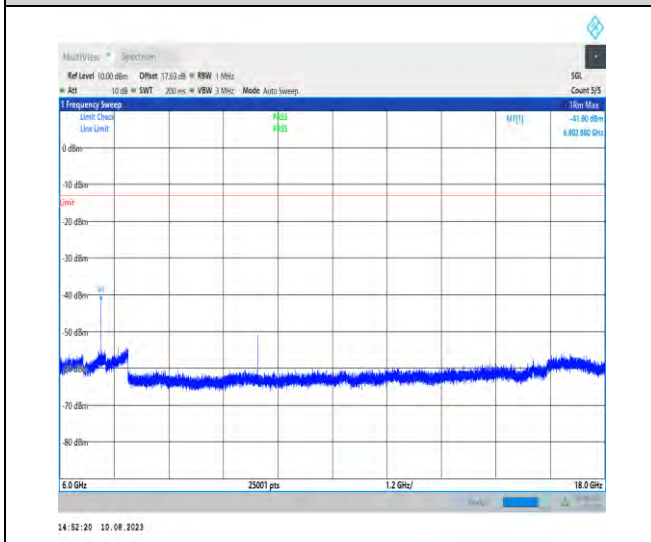




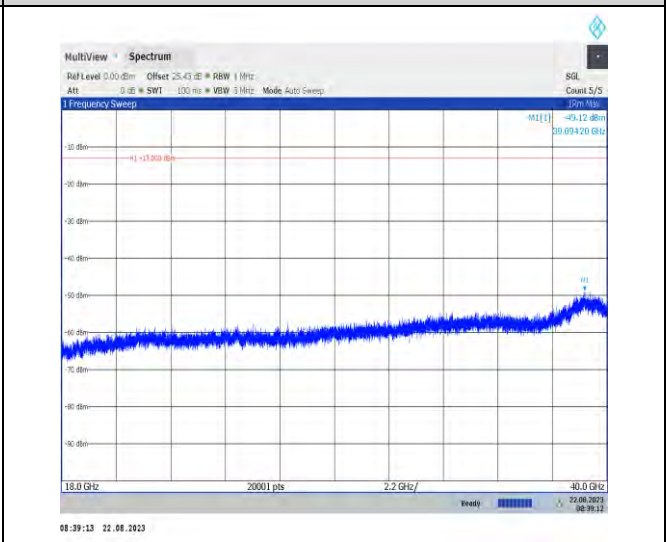
1-N78-3450-3550-PC2-30-100-M-1-N/A-DFT-PI2BP  
SK-Inner\_1RB\_Left-1@1-30-1000-Ant1-34.37--65.2  
7--13-PASS



1-N78-3450-3550-PC2-30-100-M-1-N/A-DFT-PI2BPS  
K-Inner\_1RB\_Left-1@1-1000-6000-Ant1-5962.00--38.95--13-PASS



1-N78-3450-3550-PC2-30-100-M-1-N/A-DFT-PI2BP  
SK-Inner\_1RB\_Left-1@1-6000-18000-Ant1-7425.12  
--41.90--13-PASS



1-N78-3450-3550-PC2-30-100-M-1-N/A-DFT-PI2BPS  
K-Inner\_1RB\_Left-1@1-18000-40000-Ant1-18000.00  
--57.99--13-PASS

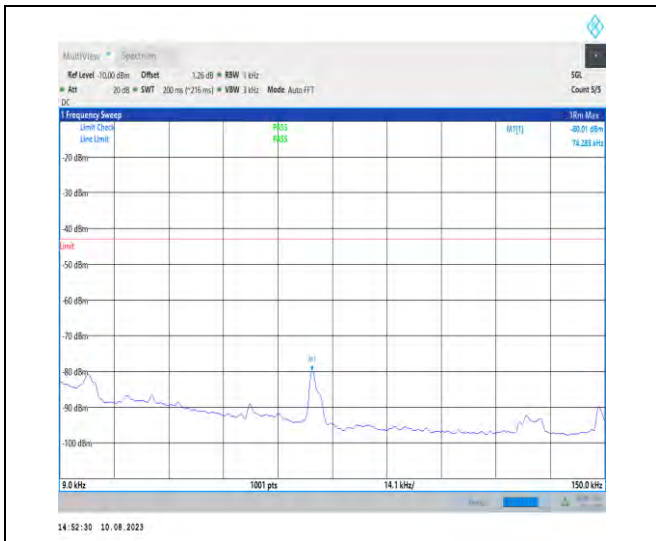


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

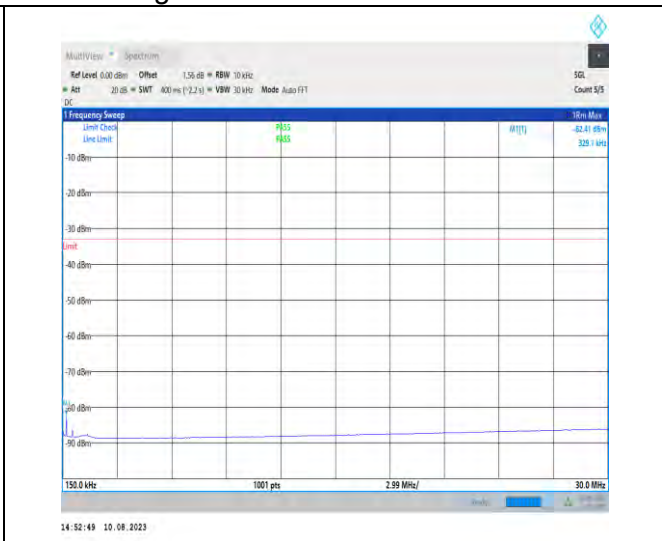
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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

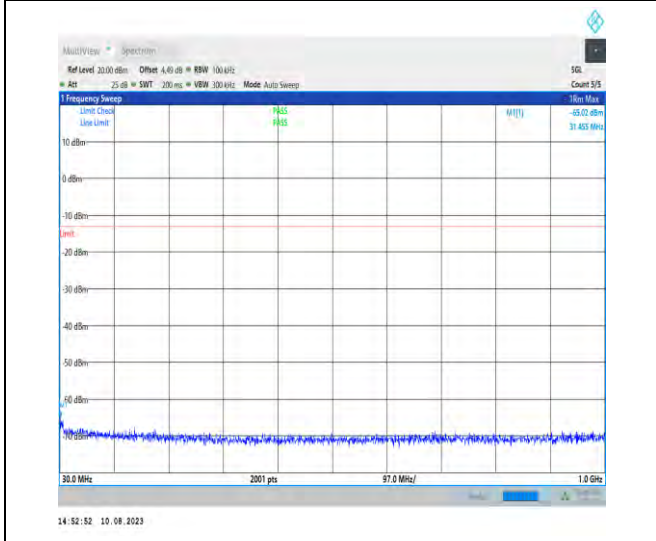
t (86-512) 62992980 www.sgs.com.cn  
t (86-512) 62992980 sgs.china@sgs.com



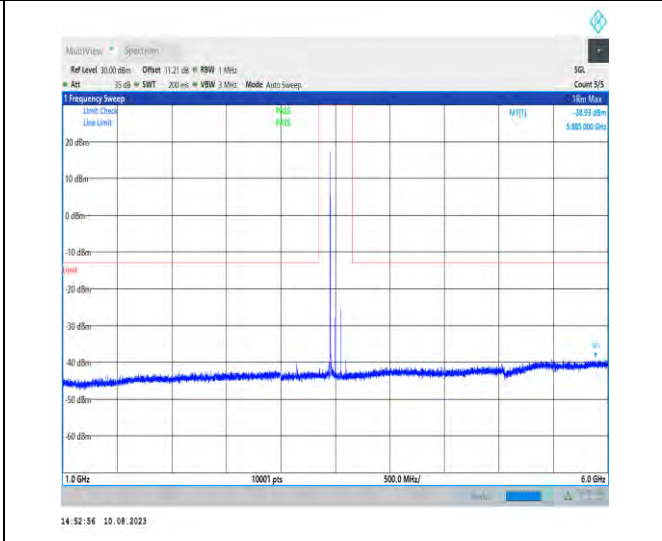
1-N78-3450-3550-PC2-30-100-H-1-N/A-DFT-PI2BP  
 SK-Inner\_1RB\_Left-1@1-0.009-0.15-Ant1-0.07--80.  
 01--43-PASS



1-N78-3450-3550-PC2-30-100-H-1-N/A-DFT-PI2BPS  
 K-Inner\_1RB\_Left-1@1-0.15-30-Ant1-0.33--82.41--3  
 3-PASS



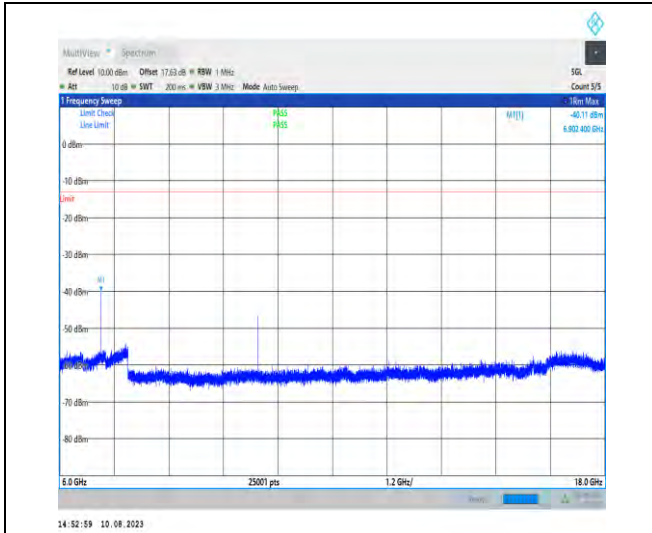
1-N78-3450-3550-PC2-30-100-H-1-N/A-DFT-PI2BP  
 SK-Inner\_1RB\_Left-1@1-30-1000-Ant1-35.34--65.0  
 2--13-PASS



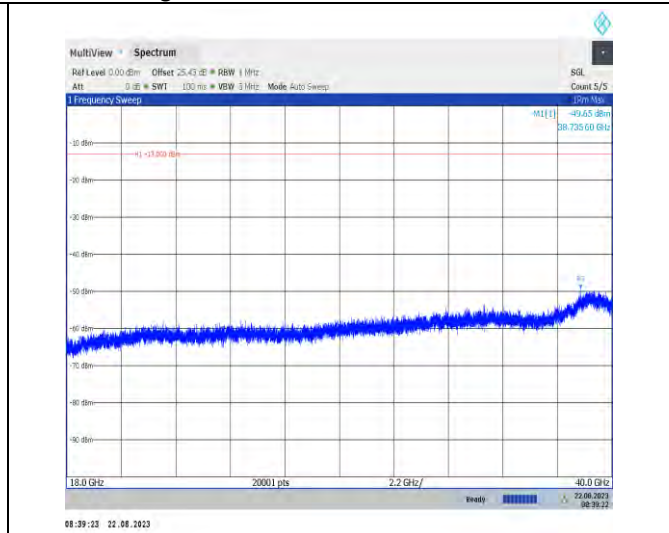
1-N78-3450-3550-PC2-30-100-H-1-N/A-DFT-PI2BPS  
 K-Inner\_1RB\_Left-1@1-1000-6000-Ant1-5908.00--38  
 .93--13-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.  
**Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com**  
 South of No. 6 Plant, No. 1, Ransheng 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-N78-3450-3550-PC2-30-100-H-1-N/A-DFT-PI2BP  
SK-Inner\_1RB\_Left-1@1-6000-18000-Ant1-10354.0  
8--40.11--13-PASS



1-N78-3450-3550-PC2-30-100-H-1-N/A-DFT-PI2BPS  
K-Inner\_1RB\_Left-1@1-18000-40000-Ant1-18000.00  
--58.11--13-PASS



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

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

### Field Strength of Spurious Radiation

Test Band = NR\_Band 78(3450~3550)\_ Ant 2TM1

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	8863.7292	41.67	-43.66	37.41	-59.84	-13.00	46.84	217	15	Vertical
2	12775.6458	38.71	-39.21	38.73	-57.03	-13.00	44.03	259	315	Vertical
3	6910.18	42.97	-46.12	35.40	-63.00	-13.00	50.00	186	136	Vertical
4	10365.27	38.70	-41.19	38.83	-58.92	-13.00	45.92	237	131	Vertical
5	13820.36	36.02	-38.48	40.49	-57.24	-13.00	44.24	125	61	Vertical
6	17275.45	35.91	-37.12	40.66	-55.81	-13.00	42.81	183	99	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8986.3958	42.13	-43.62	37.58	-59.17	-13.00	46.17	197	2	Horizontal
2	12065.5208	38.19	-39.11	39.16	-57.02	-13.00	44.02	148	203	Horizontal
3	6910.18	42.52	-46.12	35.40	-63.45	-13.00	50.45	256	0	Horizontal
4	10365.27	38.43	-41.19	38.83	-59.19	-13.00	46.19	132	177	Horizontal
5	13820.36	36.17	-38.48	40.49	-57.09	-13.00	44.09	155	17	Horizontal
6	17275.45	35.61	-37.12	40.66	-56.11	-13.00	43.11	186	148	Horizontal



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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SEWM2307000261RG02

Rev.: 01

Page: 64 of 73

**Test Band = NR\_Band 78(3450~3550)\_ Ant 6TM1**
**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	6902.0208	51.68	-46.14	35.38	-54.33	-13.00	41.33	214	94	Vertical
2	8777.9583	41.81	-43.82	37.29	-59.98	-13.00	46.98	189	267	Vertical
3	12008.9792	37.62	-38.64	39.19	-57.08	-13.00	44.08	156	288	Vertical
4	10365.27	37.95	-41.19	38.83	-59.67	-13.00	46.67	234	171	Vertical
5	13820.36	35.90	-38.48	40.49	-57.36	-13.00	44.36	175	0	Vertical
6	17275.45	35.99	-37.12	40.66	-55.73	-13.00	42.73	156	354	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6902.0208	51.49	-46.14	35.38	-54.52	-13.00	41.52	288	83	Horizontal
2	9570.9792	41.07	-42.00	38.11	-58.07	-13.00	45.07	179	153	Horizontal
3	12069.8333	38.28	-39.15	39.16	-56.97	-13.00	43.97	201	352	Horizontal
4	10365.27	38.20	-41.19	38.83	-59.42	-13.00	46.42	140	147	Horizontal
5	13820.36	36.20	-38.48	40.49	-57.06	-13.00	44.06	136	78	Horizontal
6	17275.45	35.99	-37.12	40.66	-55.73	-13.00	42.73	219	31	Horizontal



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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



Report No.: SEWM2307000261RG02

Rev.: 01

Page: 65 of 73

Test Band = NR\_Band 78(3450~3550)\_ Ant 7TM1

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	8452.125	42.74	-44.01	36.83	-59.69	-13.00	46.69	185	299	Vertical
2	11882.4792	39.01	-39.79	39.22	-56.82	-13.00	43.82	216	326	Vertical
3	6910.18	42.69	-46.12	35.40	-63.28	-13.00	50.28	233	360	Vertical
4	10365.27	38.61	-41.19	38.83	-59.01	-13.00	46.01	195	37	Vertical
5	13820.36	35.94	-38.48	40.49	-57.32	-13.00	44.32	162	157	Vertical
6	17275.45	35.77	-37.12	40.66	-55.95	-13.00	42.95	224	47	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8808.1458	42.08	-43.83	37.33	-59.68	-13.00	46.68	219	262	Horizontal
2	12056.4167	38.72	-39.03	39.17	-56.41	-13.00	43.41	188	221	Horizontal
3	6910.18	42.84	-46.12	35.40	-63.13	-13.00	50.13	176	351	Horizontal
4	10365.27	38.32	-41.19	38.83	-59.30	-13.00	46.30	230	174	Horizontal
5	13820.36	35.92	-38.48	40.49	-57.34	-13.00	44.34	165	52	Horizontal
6	17275.45	35.42	-37.12	40.66	-56.30	-13.00	43.30	277	95	Horizontal



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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SEWM2307000261RG02

Rev.: 01

Page: 66 of 73

Test Band = NR\_Band 78(3450~3550)\_ Ant 8TM1

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	8824.9167	42.29	-43.78	37.35	-59.40	-13.00	46.40	224	100	Vertical
2	11460.8125	39.24	-39.94	39.31	-56.65	-13.00	43.65	178	172	Vertical
3	6910.18	43.79	-46.12	35.40	-62.18	-13.00	49.18	239	360	Vertical
4	10365.27	38.46	-41.19	38.83	-59.16	-13.00	46.16	244	233	Vertical
5	13820.36	35.69	-38.48	40.49	-57.57	-13.00	44.57	145	216	Vertical
6	17275.45	35.71	-37.12	40.66	-56.01	-13.00	43.01	201	360	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9342.8958	41.53	-42.88	37.91	-58.71	-13.00	45.71	231	293	Horizontal
2	12095.7083	38.66	-39.36	39.14	-56.82	-13.00	43.82	279	4	Horizontal
3	6910.18	42.79	-46.12	35.40	-63.18	-13.00	50.18	156	71	Horizontal
4	10365.27	38.29	-41.19	38.83	-59.33	-13.00	46.33	206	135	Horizontal
5	13820.36	36.29	-38.48	40.49	-56.97	-13.00	43.97	172	359	Horizontal
6	17275.45	35.89	-37.12	40.66	-55.83	-13.00	42.83	135	198	Horizontal



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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Test Band = ENDC 38A\_n78A(3450~3550)\_ Ant 2TM1

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	7688.3333	43.19	-45.11	36.57	-60.61	-13.00	47.61	274	281	Vertical
2	8876.6667	43.49	-43.62	37.43	-57.96	-13.00	44.96	195	229	Vertical
3	6910.18	42.61	-46.12	35.40	-63.36	-13.00	50.36	237	60	Vertical
4	10365.27	38.78	-41.19	38.83	-58.84	-13.00	45.84	288	281	Vertical
5	13820.36	36.03	-38.48	40.49	-57.23	-13.00	44.23	165	328	Vertical
6	17275.45	35.08	-37.12	40.66	-56.64	-13.00	43.64	201	247	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8877.1458	41.55	-43.62	37.43	-59.90	-13.00	46.90	248	115	Horizontal
2	14820.25	37.27	-37.71	40.24	-55.46	-13.00	42.46	159	359	Horizontal
3	6910.18	42.92	-46.12	35.40	-63.05	-13.00	50.05	214	338	Horizontal
4	10365.27	38.56	-41.19	38.83	-59.06	-13.00	46.06	163	99	Horizontal
5	13820.36	35.86	-38.48	40.49	-57.40	-13.00	44.40	258	359	Horizontal
6	17275.45	35.71	-37.12	40.66	-56.01	-13.00	43.01	176	359	Horizontal



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, Ransheng 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.: SEWM2307000261RG02

Rev.: 01

Page: 68 of 73

Test Band = ENDC 38A\_n78A(3450~3550)\_ Ant 6TM1

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	6602.0625	55.25	-46.43	34.72	-51.71	-13.00	38.71	217	68	Vertical
2	1659.68	32.18	-24.74	25.34	-62.48	-13.00	49.48	196	89	Vertical
3	2489.52	32.30	-24.05	27.29	-59.72	-13.00	46.72	235	315	Vertical
4	6910.18	42.94	-46.12	35.40	-63.03	-13.00	50.03	288	114	Vertical
5	10365.27	37.81	-41.19	38.83	-59.81	-13.00	46.81	146	194	Vertical
6	13820.36	35.73	-38.48	40.49	-57.53	-13.00	44.53	274	360	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6602.0625	54.97	-46.43	34.72	-51.99	-13.00	38.99	188	84	Horizontal
2	1659.68	31.95	-24.74	25.34	-62.71	-13.00	49.71	174	129	Horizontal
3	2489.52	31.97	-24.05	27.29	-60.05	-13.00	47.05	159	77	Horizontal
4	6910.18	42.58	-46.12	35.40	-63.39	-13.00	50.39	239	128	Horizontal
5	10365.27	38.40	-41.19	38.83	-59.22	-13.00	46.22	276	95	Horizontal
6	13820.36	36.47	-38.48	40.49	-56.79	-13.00	43.79	207	182	Horizontal



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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Test Band = ENDC 38A\_n78A(3450~3550)\_ Ant 7TM1

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	5172.18	29.74	-17.84	31.91	-51.45	-13.00	38.45	247	209	Vertical
2	6910.18	43.29	-46.12	35.40	-62.68	-13.00	49.68	189	63	Vertical
3	7758.27	42.14	-45.00	36.49	-61.63	-13.00	48.63	265	142	Vertical
4	10365.27	38.17	-41.19	38.83	-59.45	-13.00	46.45	134	195	Vertical
5	13820.36	36.43	-38.48	40.49	-56.83	-13.00	43.83	175	99	Vertical
6	17275.45	35.61	-37.12	40.66	-56.11	-13.00	43.11	220	116	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5172.18	29.69	-17.84	31.91	-51.50	-13.00	38.50	194	80	Horizontal
2	6910.18	42.87	-46.12	35.40	-63.10	-13.00	50.10	145	114	Horizontal
3	7758.27	42.17	-45.00	36.49	-61.60	-13.00	48.60	237	353	Horizontal
4	10365.27	38.48	-41.19	38.83	-59.14	-13.00	46.14	186	336	Horizontal
5	13820.36	36.62	-38.48	40.49	-56.64	-13.00	43.64	261	67	Horizontal
6	17275.45	36.27	-37.12	40.66	-55.45	-13.00	42.45	152	83	Horizontal



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, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Test Band = ENDC 38A\_n78A(3450~3550)\_ Ant 8TM1

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	5172.18	30.13	-17.84	31.91	-51.06	-13.00	38.06	147	146	Vertical
2	6910.18	42.84	-46.12	35.40	-63.13	-13.00	50.13	256	89	Vertical
3	7758.27	41.55	-45.00	36.49	-62.22	-13.00	49.22	239	263	Vertical
4	10365.27	38.06	-41.19	38.83	-59.56	-13.00	46.56	241	31	Vertical
5	13820.36	36.84	-38.48	40.49	-56.42	-13.00	43.42	155	279	Vertical
6	17275.45	36.05	-37.12	40.66	-55.67	-13.00	42.67	166	195	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5172.18	29.66	-17.84	31.91	-51.53	-13.00	38.53	239	331	Horizontal
2	6910.18	43.53	-46.12	35.40	-62.44	-13.00	49.44	172	52	Horizontal
3	7758.27	41.04	-45.00	36.49	-62.73	-13.00	49.73	180	257	Horizontal
4	10365.27	39.31	-41.19	38.83	-58.31	-13.00	45.31	146	36	Horizontal
5	13820.36	36.65	-38.48	40.49	-56.61	-13.00	43.61	258	336	Horizontal
6	17275.45	35.56	-37.12	40.66	-56.16	-13.00	43.16	221	360	Horizontal

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, Ransheng 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 Stability for SA

### Test Result

#### Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	-6.20	0.00	PASS
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-17.20	0.00	PASS
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-14.30	0.00	PASS
N78 -3450-3550	30	100	CP-QPSK	M	Outer_Full	VH	NT	-13.60	0.00	PASS
N78 -3450-3550	30	100	CP-QPSK	M	Outer_Full	VN	NT	-6.10	0.00	PASS
N78 -3450-3550	30	100	CP-QPSK	M	Outer_Full	VL	NT	-5.70	0.00	PASS



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

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

South of No. 6 Plant, No. 1, Ransheng 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**

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	-13.000000	-0.003714	PASS
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-13.000000	-0.003714	PASS
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-10.700000	-0.003057	PASS
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	-19.200000	-0.005486	PASS
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	-9.900000	-0.002829	PASS
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	-12.200000	-0.003486	PASS
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-11.200000	-0.003200	PASS
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-12.300000	-0.003514	PASS
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-11.300000	-0.003229	PASS
N78 -3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-30	-5.800000	-0.001657	PASS
N78 -3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-20	-12.800000	-0.003657	PASS
N78 -3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-10	-9.400000	-0.002686	PASS
N78 -3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	0	-15.100000	-0.004314	PASS
N78 -3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	10	-19.000000	-0.005429	PASS
N78 -3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	20	-15.700000	-0.004486	PASS
N78 -3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	30	-5.700000	-0.001629	PASS
N78	30	100	CP-QPSK	M	Outer_Full	NV	40	-19.400000	-0.005543	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





Report No.: SEWM2307000261RG02

Rev.: 01

Page: 73 of 73

-3450-3550										
N78	30	100	CP-QPSK	M	Outer_Full	NV	50	-7.400000	-0.002114	PASS
-3450-3550										

---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, Ransheng 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