

Report No.: SUCR240400009002

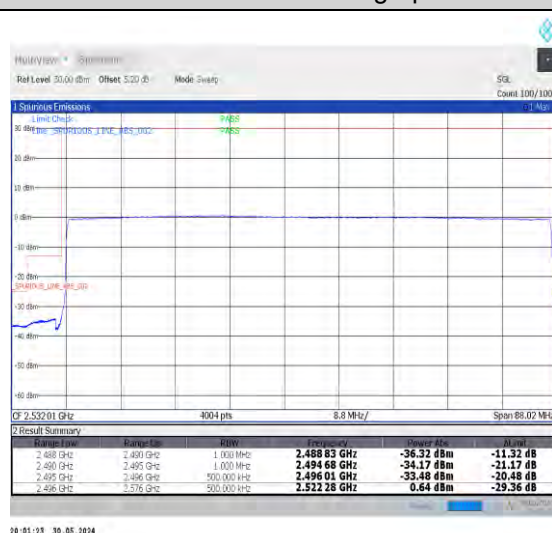
Rev.: 01

Page: 111 of 137



1-N41-30-80-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph

1-N41-30-80-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant0-1--PASS-see graph



1-N41-30-80-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph

1-N41-30-80-L-6-CP-QPSK-Outer_Full-217@0-Ant0-1--PASS-see graph



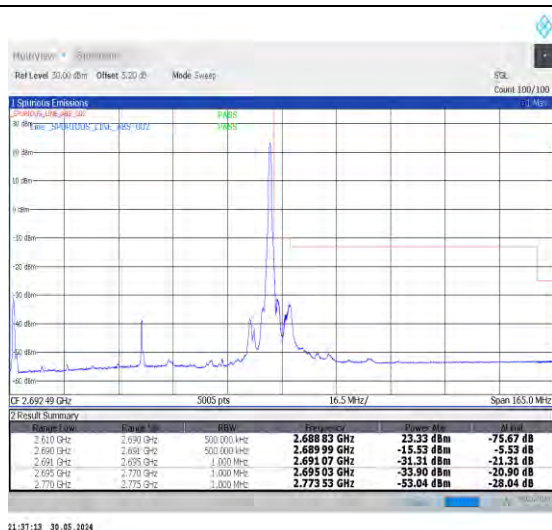
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

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

Member of the SGS Group (SGS SA)



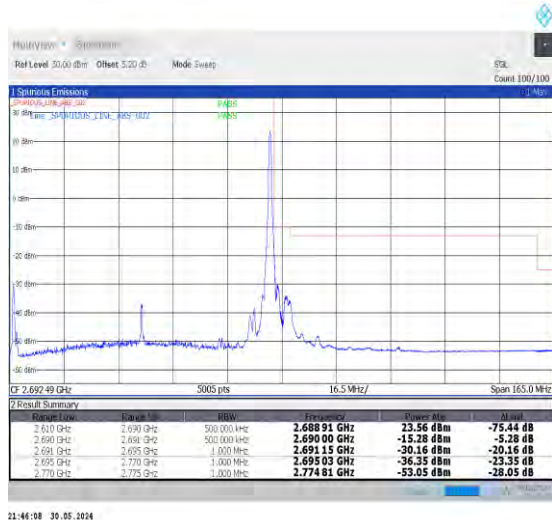
11:37:13 30.05.2024

1-N41-30-80-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@
216-Ant0-1--PASS-see graph



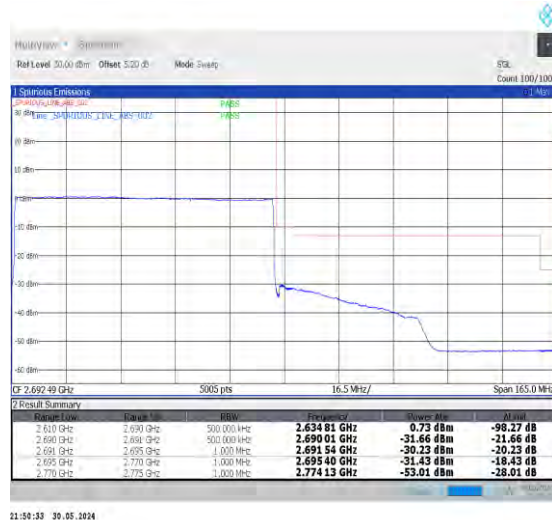
11:41:39 30.05.2024

1-N41-30-80-H-3-DFT-PI2BPSK-Outer_Full-216@
0-Ant0-1--PASS-see graph



11:44:48 30.05.2024

1-N41-30-80-H-5-CP-QPSK-Edge_1RB_Right-1@216-
Ant0-1--PASS-see graph



11:50:53 30.05.2024

1-N41-30-80-H-6-CP-QPSK-Outer_Full-217@0-A
nt0-1--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) 83071443, or email: CN.Doccheck@sgs.com

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

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

Member of the SGS Group (SGS SA)

Report No.: SUCR240400009002

Rev.: 01

Page: 113 of 137



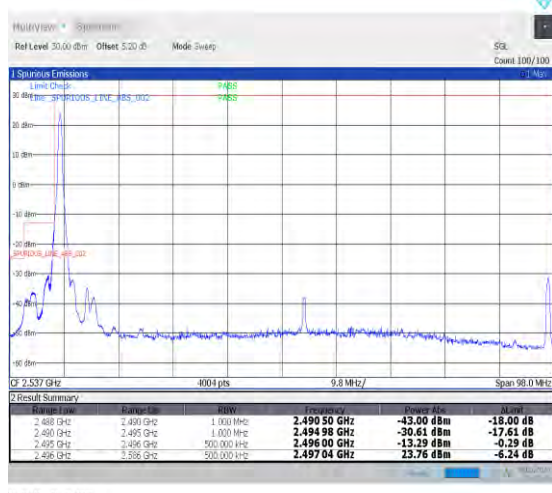
11:54:28 30.05.2024

1-N41-30-90-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



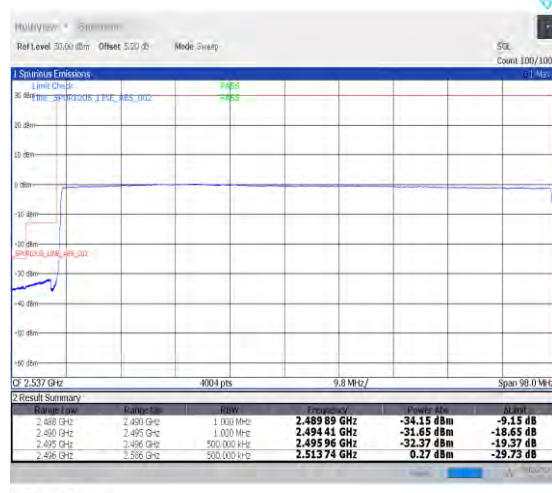
11:57:54 30.05.2024

1-N41-30-90-L-3-DFT-PI2BPSK-Outer_Full-240@0-Ant0-1--PASS-see graph



12:01:38 30.05.2024

1-N41-30-90-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



12:05:04 30.05.2024

1-N41-30-90-L-6-CP-QPSK-Outer_Full-245@0-Ant0-1--PASS-see graph



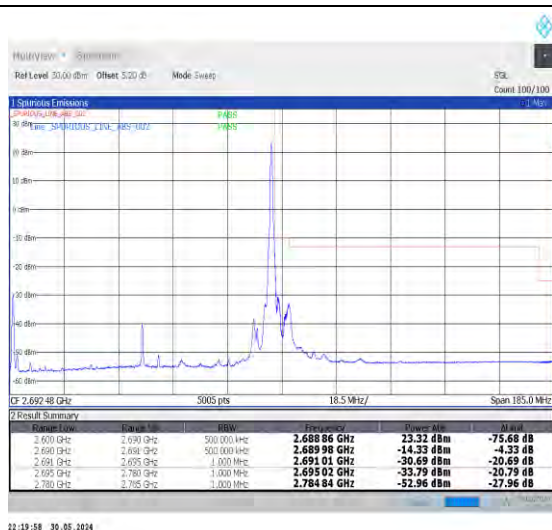
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

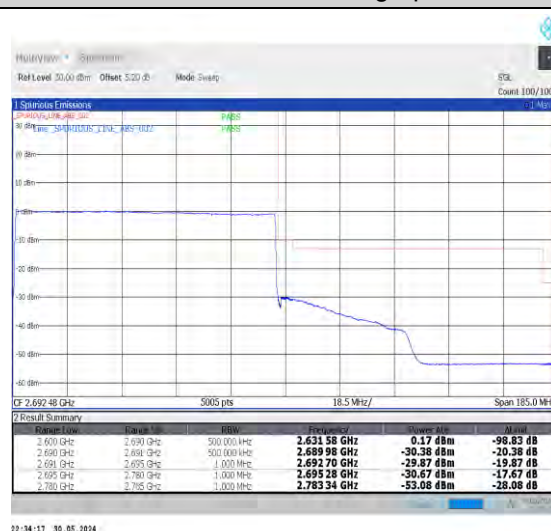
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



1-N41-30-90-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@244-Ant0-1--PASS-see graph

1-N41-30-90-H-3-DFT-PI2BPSK-Outer_Full-240@0-Ant0-1--PASS-see graph



1-N41-30-90-H-5-CP-QPSK-Edge_1RB_Right-1@244-Ant0-1--PASS-see graph

1-N41-30-90-H-6-CP-QPSK-Outer_Full-245@0-Ant0-1--PASS-see graph



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

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

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

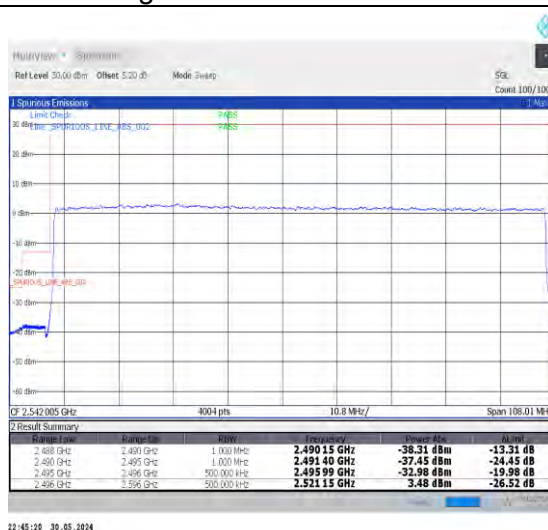
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUCR240400009002

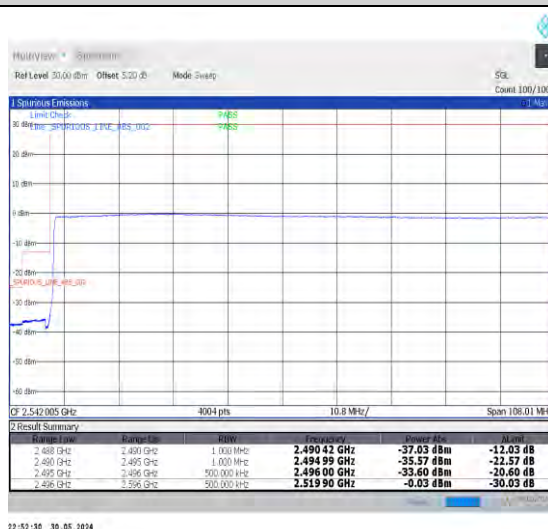
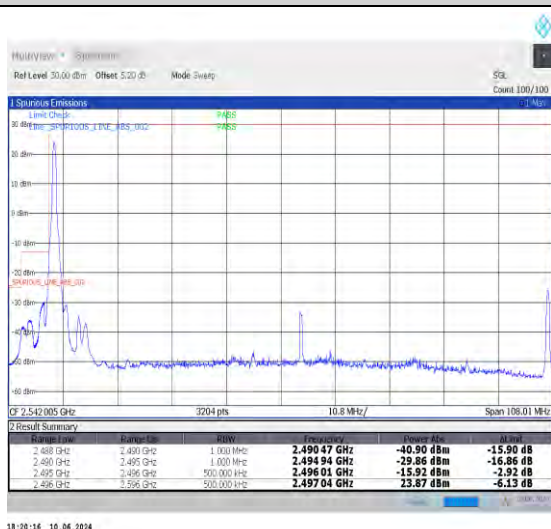
Rev.: 01

Page: 115 of 137



1-N41-30-100-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph

1-N41-30-100-L-3-DFT-PI2BPSK-Outer_Full-270@0-Ant0-1--PASS-see graph



1-N41-30-100-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--FAIL-see graph

1-N41-30-100-L-6-CP-QPSK-Outer_Full-273@0-Ant0-1--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) 83071443, or email: CN.Doccheck@sgs.com

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

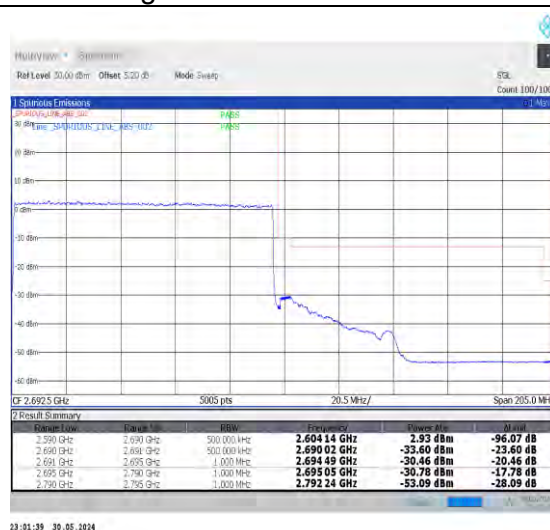
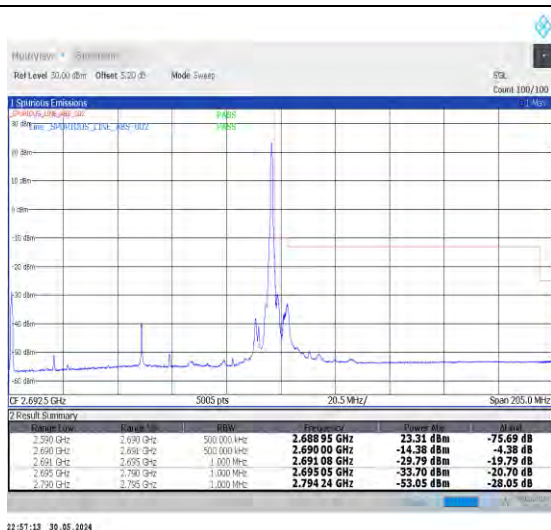
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUCR240400009002

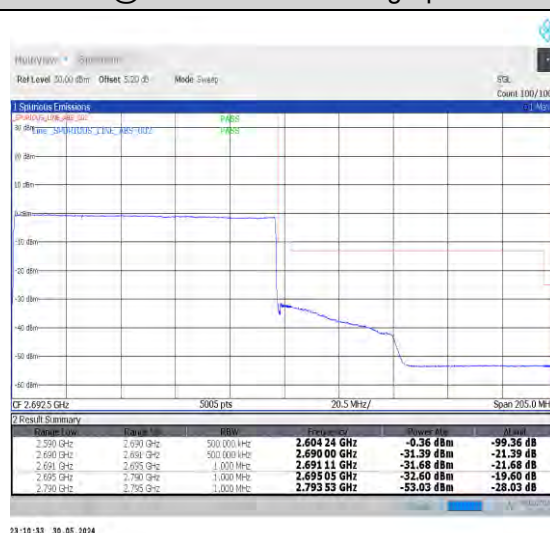
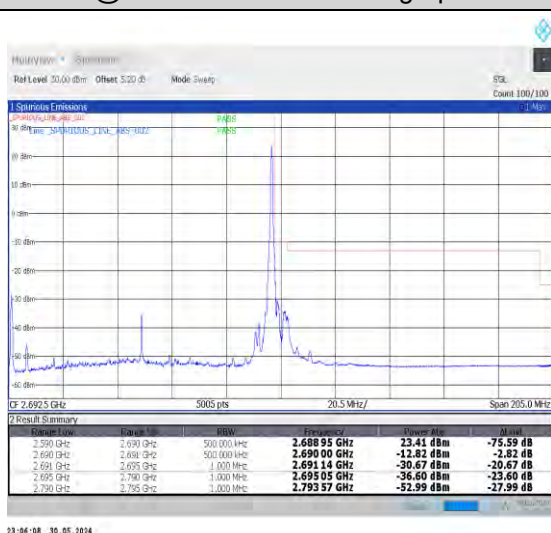
Rev.: 01

Page: 116 of 137



1-N41-30-100-H-2-DFT-PI2BPSK-Edge_1RB_Right-1
@272-Ant0-1--PASS-see graph

1-N41-30-100-H-3-DFT-PI2BPSK-Outer_Full-270
@0-Ant0-1--PASS-see graph



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

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

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

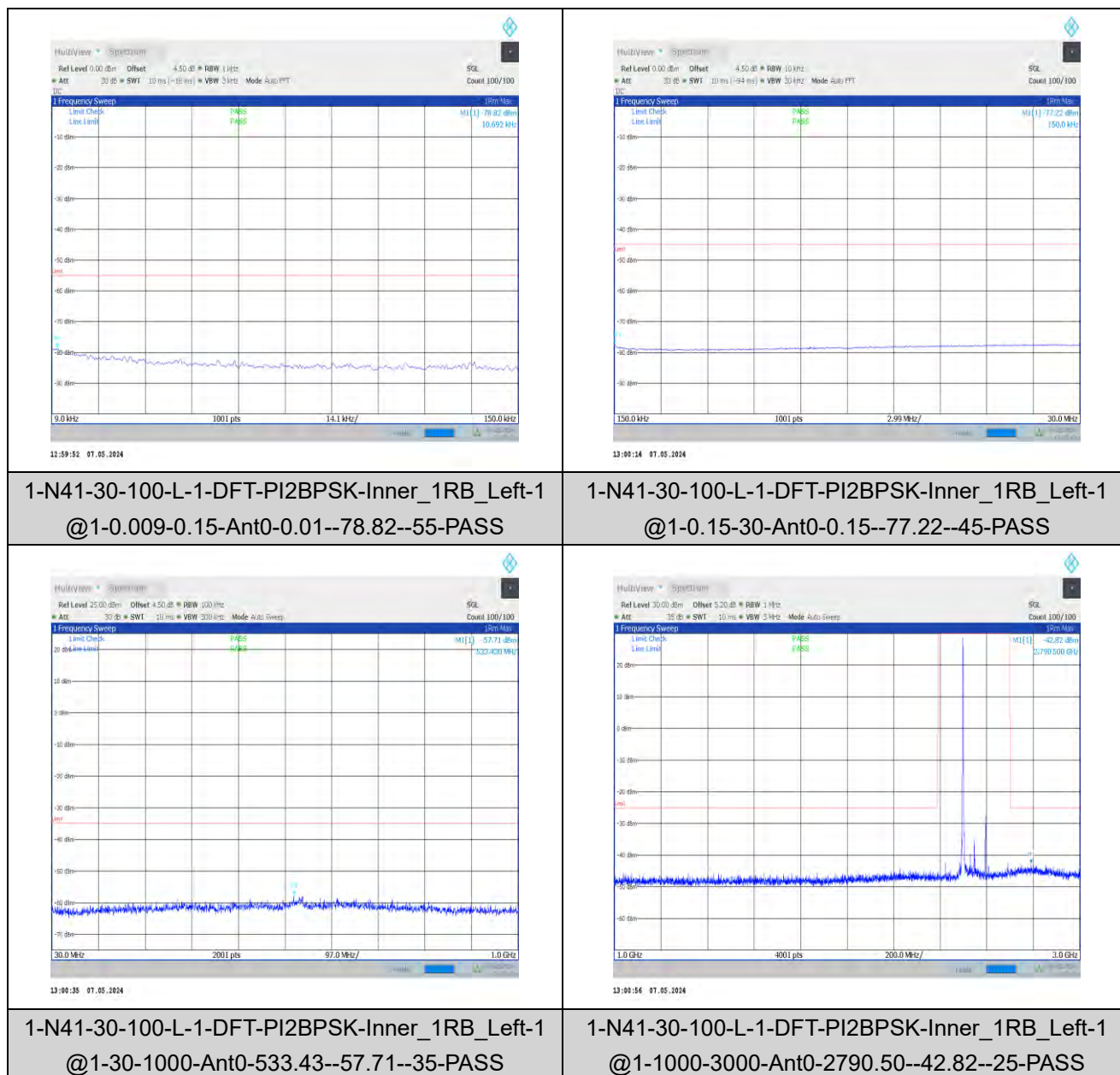
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUCR240400009002
Rev.: 01
Page: 117 of 137

Conducted Spurious Emission for SA

Test Graphs



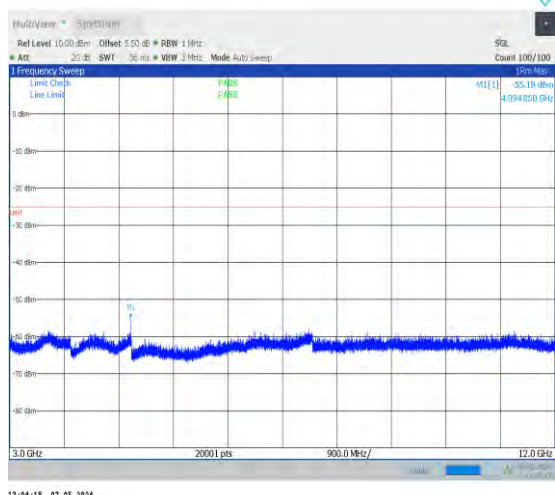
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

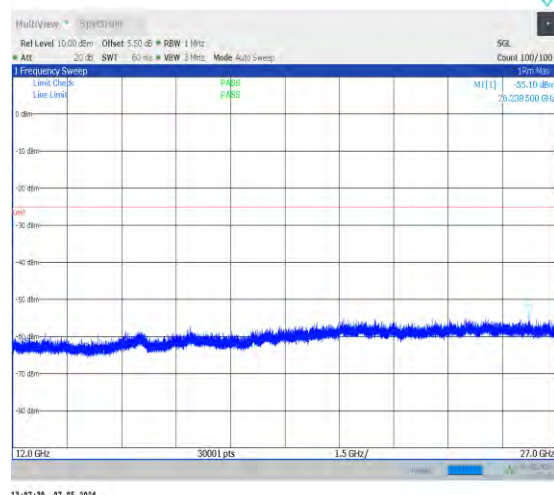
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

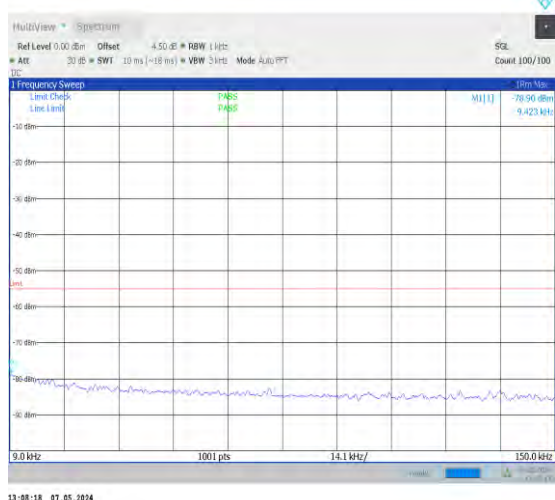
Member of the SGS Group (SGS SA)



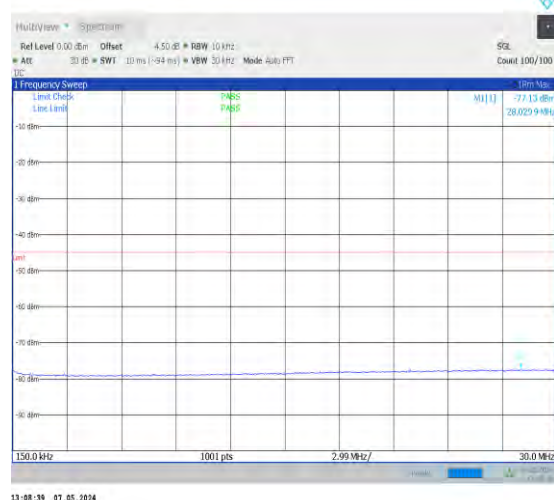
1-N41-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-12000-Ant0-4994.85--55.18--25-PASS



1-N41-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-12000-27000-Ant0-26238.50--55.10--25-PASS



1-N41-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-0.009-0.15-Ant0-0.01--78.90--55-PASS



1-N41-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-0.15-30-Ant0-28.03--77.13--45-PASS



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

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

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

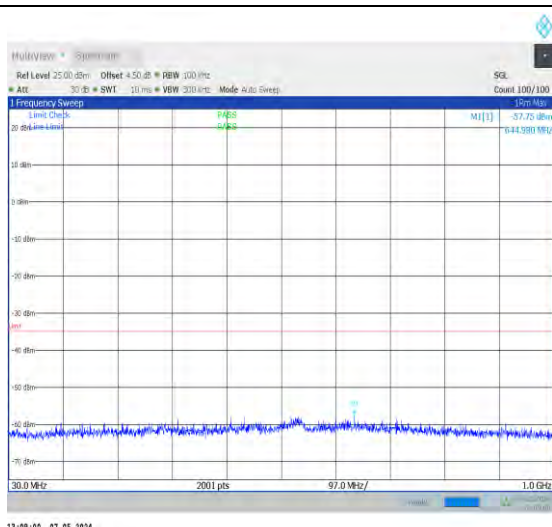
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUCR240400009002

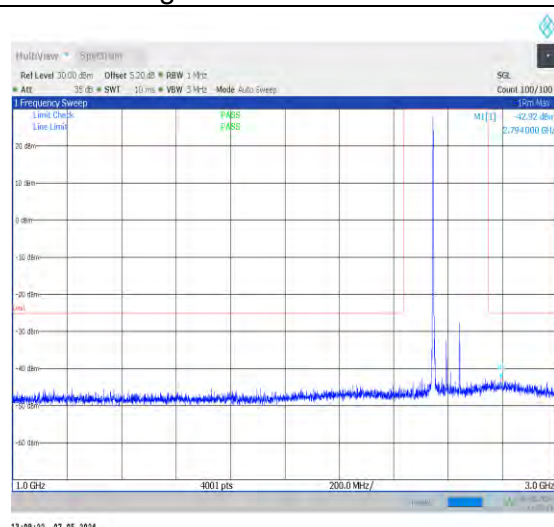
Rev.: 01

Page: 119 of 137



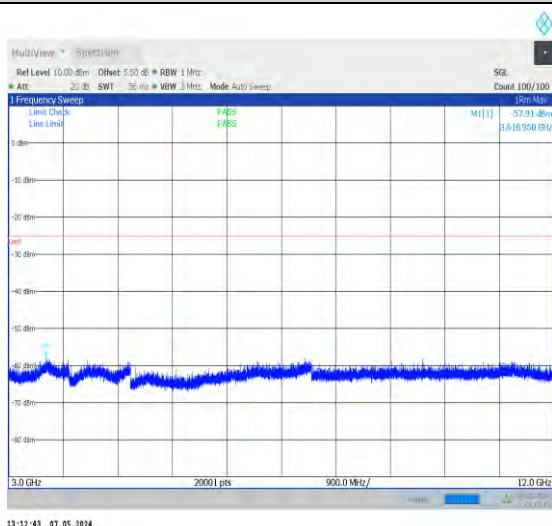
13:09:00 07.05.2024

1-N41-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-30-1000-Ant0-644.98--57.75--35-PASS



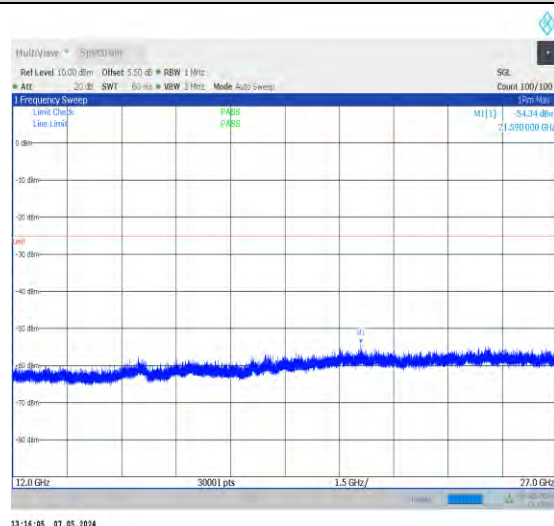
13:09:22 07.05.2024

1-N41-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-1000-3000-Ant0-2794.00--42.92--25-PASS



13:12:43 07.05.2024

1-N41-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-12000-Ant0-3616.95--57.91--25-PASS



13:14:55 07.05.2024

1-N41-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-12000-27000-Ant0-21590.00--54.34--25-PASS



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

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

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

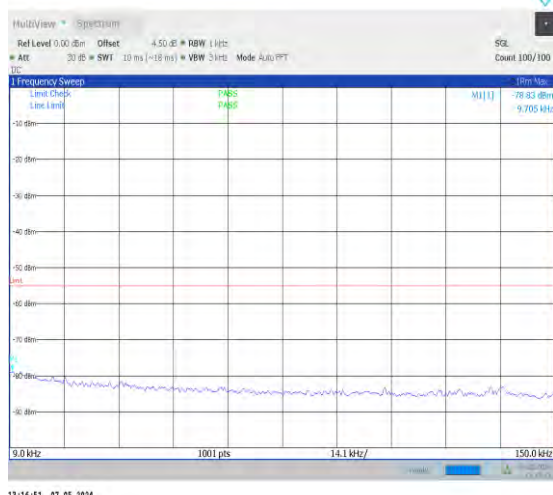
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

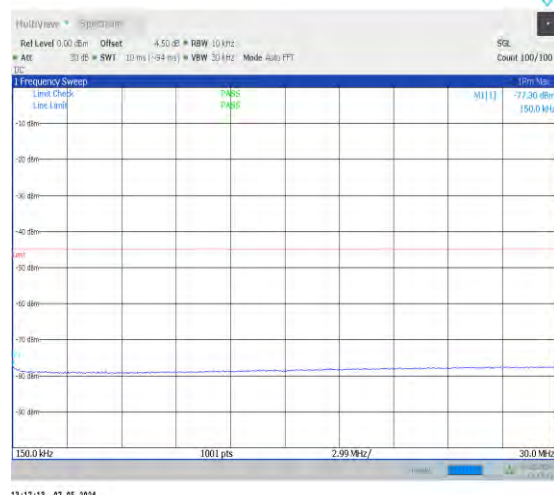
Report No.: SUCR240400009002

Rev.: 01

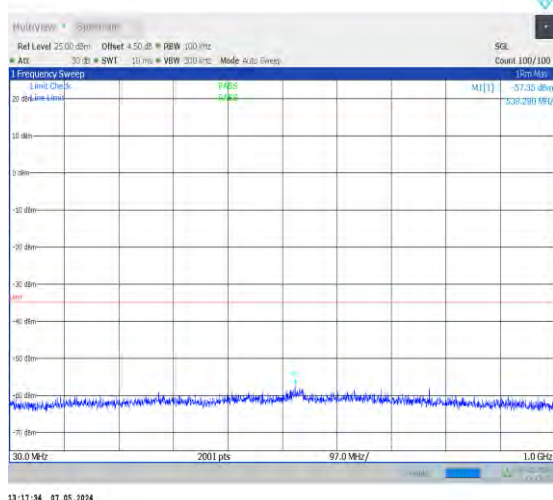
Page: 120 of 137



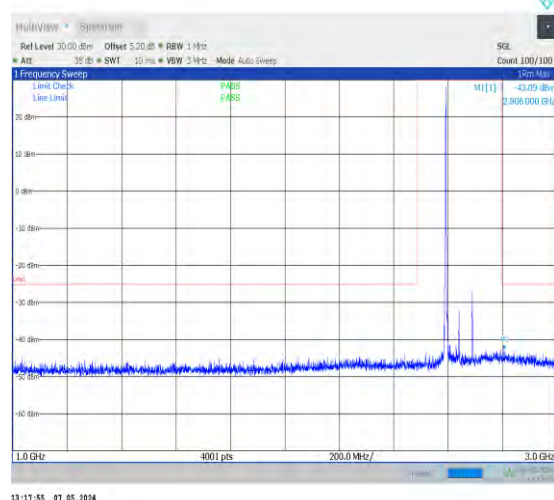
1-N41-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-0.009-0.15-Ant0-0.01--78.83--55-PASS



1-N41-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-0.15-30-Ant0-0.15--77.30--45-PASS



1-N41-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-30-1000-Ant0-538.28--57.35--35-PASS



1-N41-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-1000-3000-Ant0-2806.00--43.09--25-PASS



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

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

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

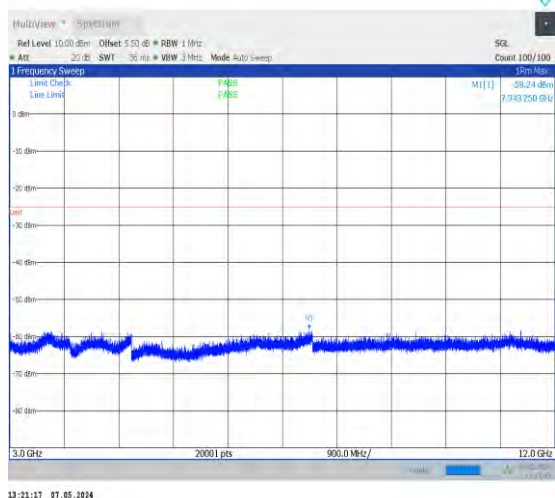
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

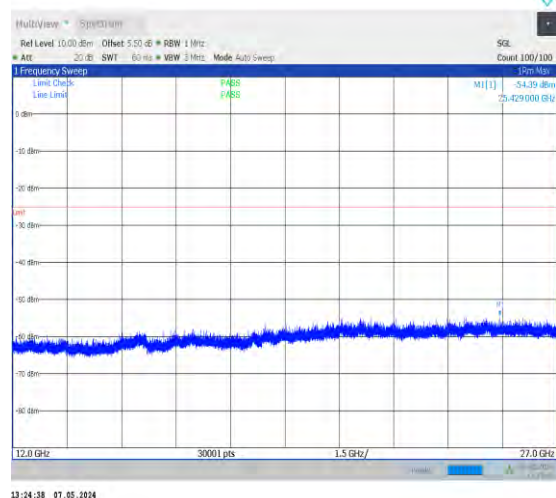
Report No.: SUCR240400009002

Rev.: 01

Page: 121 of 137



1-N41-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-12000-Ant0-7943.25--58.24--25-PASS



1-N41-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-12000-27000-Ant0-25429.00--54.39--25-PASS



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

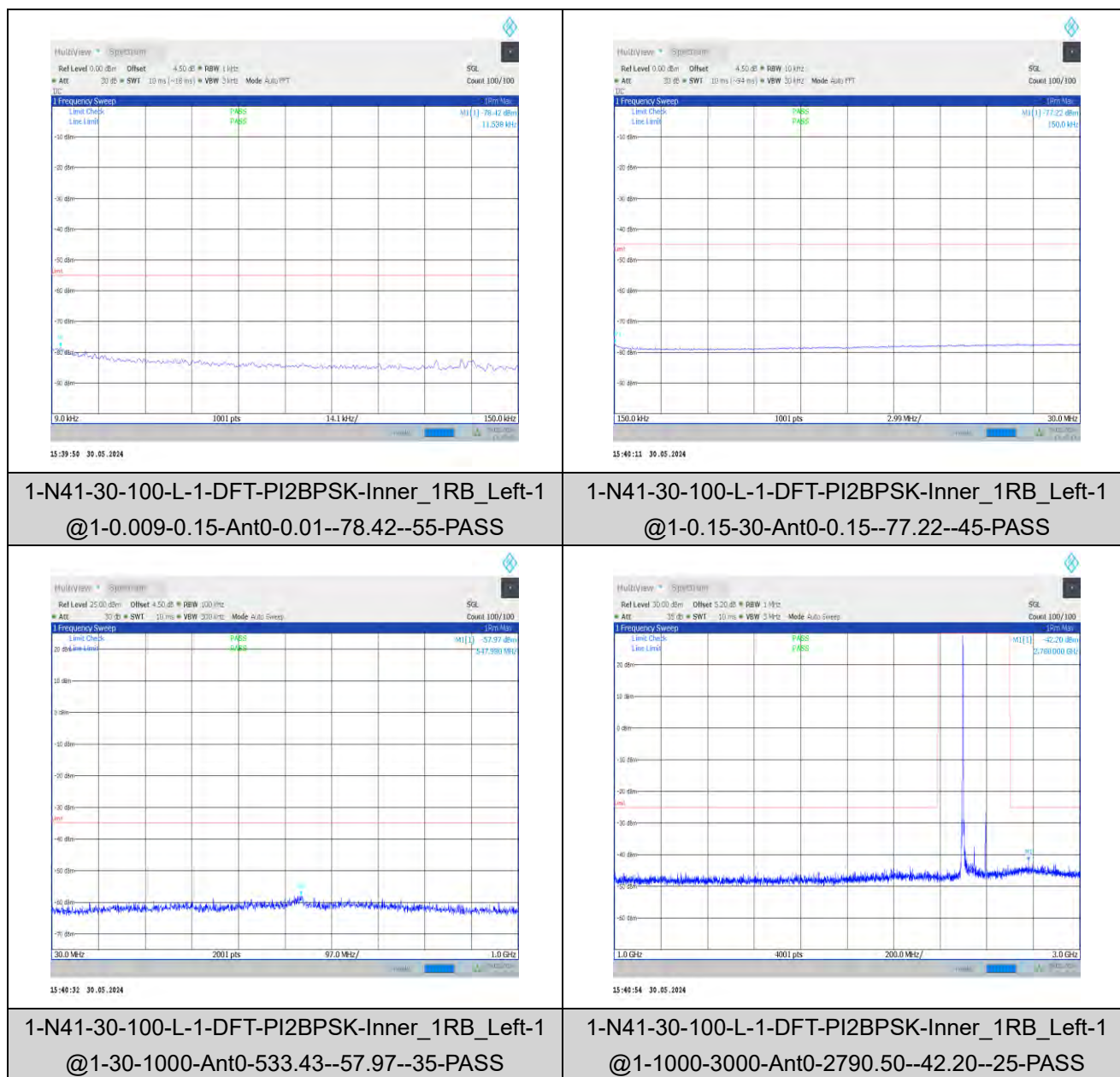
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)

Conducted Spurious Emission for MIMO

Test Graphs



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

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

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

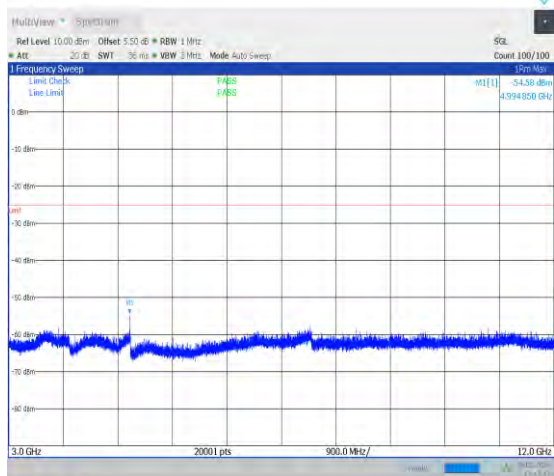
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

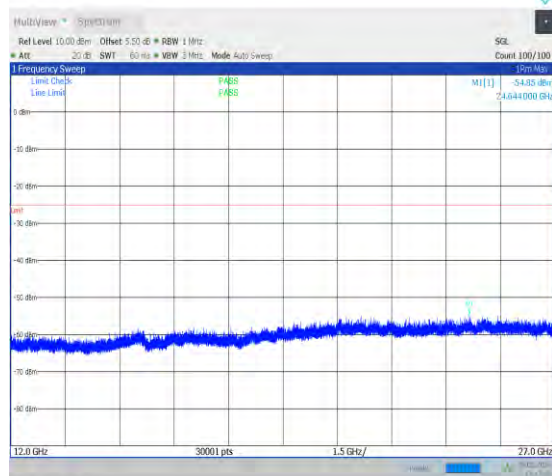
Report No.: SUCR240400009002

Rev.: 01

Page: 123 of 137



1-N41-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-12000-Ant0-4994.85--54.58--25-PASS



1-N41-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-12000-27000-Ant0-26238.50--54.85--25-PASS



1-N41-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-0.009-0.15-Ant0-0.01--77.69--55-PASS



1-N41-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-0.15-30-Ant0-28.03--77.00--45-PASS



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

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

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

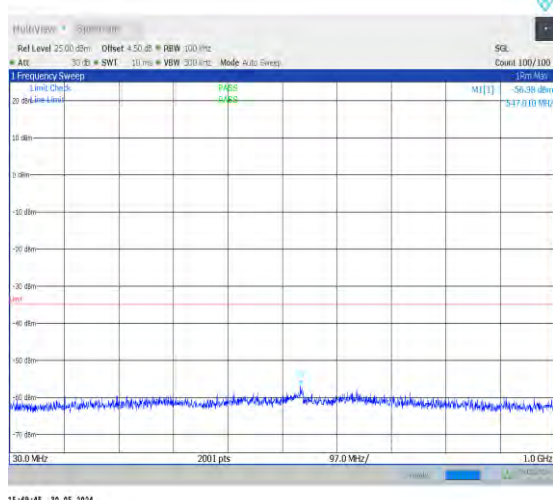
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUCR240400009002

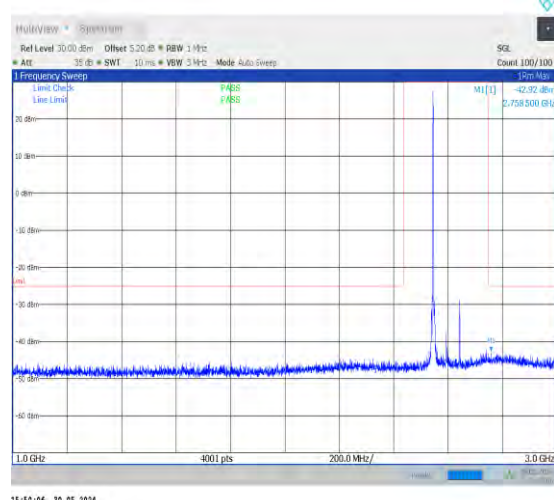
Rev.: 01

Page: 124 of 137



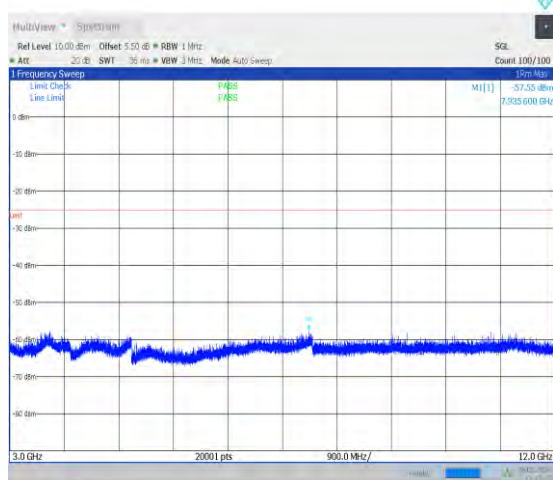
15:49:45 30.05.2024

1-N41-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-30-1000-Ant0-644.98--56.98--35-PASS



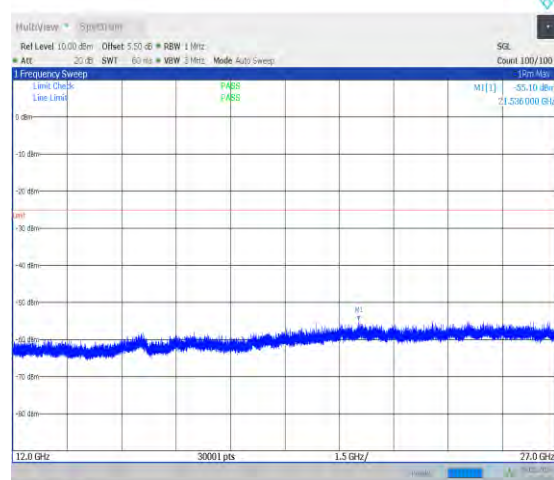
15:50:06 30.05.2024

1-N41-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-1000-3000-Ant0-2794.00--42.92--25-PASS



15:53:28 30.05.2024

1-N41-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-12000-Ant0-3616.95--57.55--25-PASS



15:56:49 30.05.2024

1-N41-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-12000-27000-Ant0-21590.00--55.10--25-PASS



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

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

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

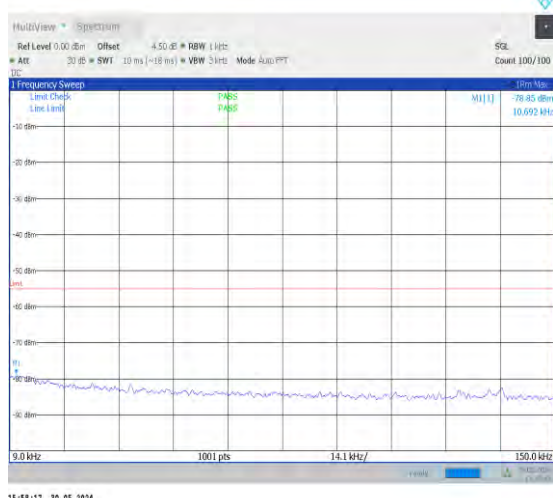
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

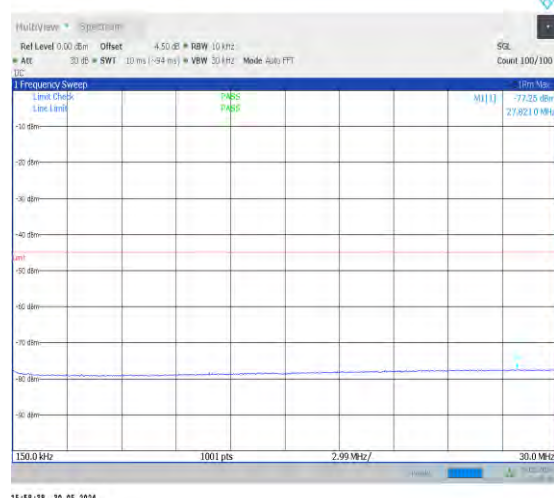
Report No.: SUCR240400009002

Rev.: 01

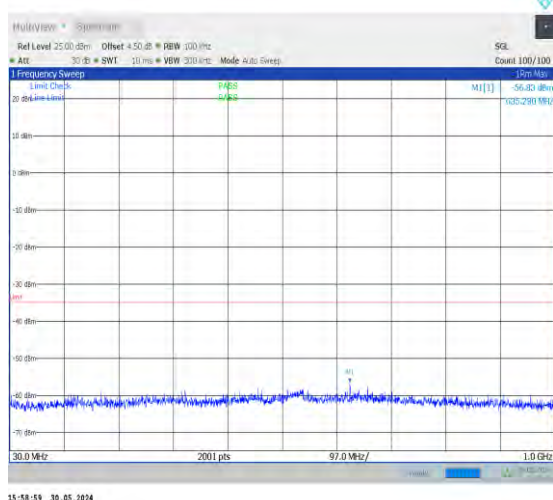
Page: 125 of 137



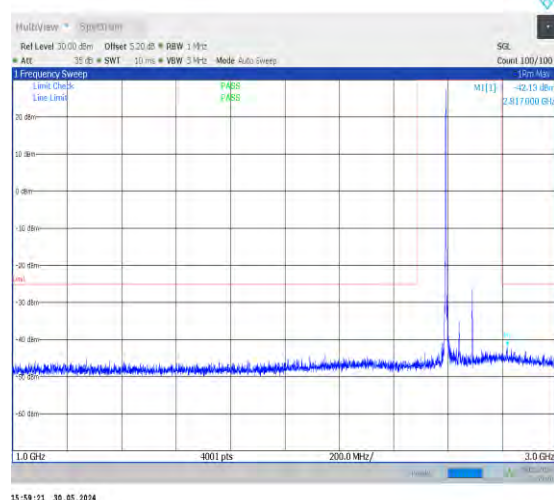
1-N41-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-0.009-0.15-Ant0-0.01--78.85--55-PASS



1-N41-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-0.15-30-Ant0-0.15--77.25--45-PASS



1-N41-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-30-1000-Ant0-538.28--56.83--35-PASS



1-N41-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-1000-3000-Ant0-2806.00--42.13--25-PASS



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

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

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

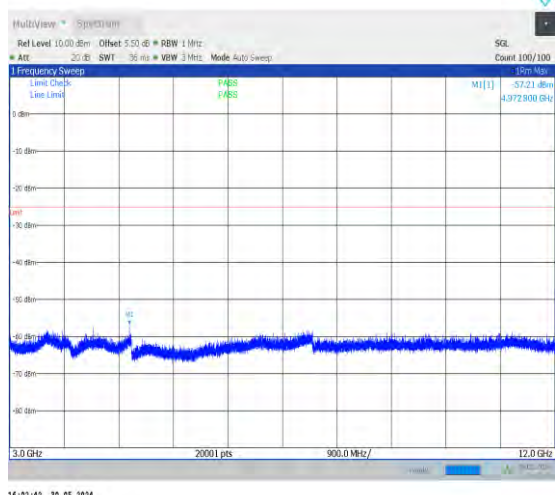
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUCR240400009002

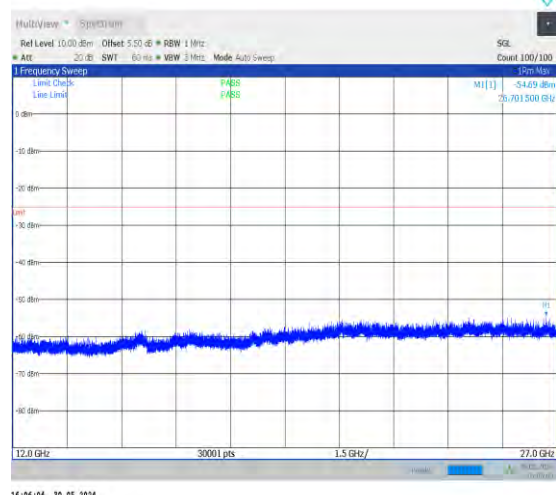
Rev.: 01

Page: 126 of 137



16:02:42 30.05.2024

1-N41-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-12000-Ant0-7943.25--57.21--25-PASS



16:06:04 30.05.2024

1-N41-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-12000-27000-Ant0-25429.00--54.69--25-PASS



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

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

Member of the SGS Group (SGS SA)

Report No.: SUCR240400009002

Rev.: 01

Page: 127 of 137

Field Strength of Spurious Radiation

Test Band = SA_N41

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3616.5	54.55	-49.53	30.27	-59.97	-25.00	34.97	Horizontal
2	5262.5	52.65	-46.85	33.35	-56.11	-25.00	31.11	Horizontal
3	8542.5	49.61	-41.51	38.92	-48.24	-25.00	23.24	Horizontal
4	9495	49.24	-40.63	39.18	-47.47	-25.00	22.47	Horizontal
5	15026	47.58	-35.11	39.87	-42.92	-25.00	17.92	Horizontal
6	17999	48.91	-38.99	42.79	-42.55	-25.00	17.55	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3610.5	54.45	-49.54	30.24	-60.11	-25.00	35.11	Vertical
2	5163.5	52.74	-46.97	33.25	-56.24	-25.00	31.24	Vertical
3	6794	51.62	-44.79	36.29	-52.14	-25.00	27.14	Vertical
4	8519.5	50.42	-41.96	38.37	-48.43	-25.00	23.43	Vertical
5	13395	47.17	-36.68	40.30	-44.47	-25.00	19.47	Vertical
6	17987	49.14	-38.97	42.72	-42.37	-25.00	17.37	Vertical



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SUCR240400009002

Rev.: 01

Page: 128 of 137

Test Band = SA_N41
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3630	54.10	-49.52	30.32	-60.36	-25.00	35.36	Horizontal
2	5166	52.36	-46.93	33.18	-56.65	-25.00	31.65	Horizontal
3	8552.5	49.31	-41.41	39.06	-48.30	-25.00	23.30	Horizontal
4	9502.5	49.31	-40.61	39.20	-47.36	-25.00	22.36	Horizontal
5	12913.5	47.61	-37.15	39.58	-45.22	-25.00	20.22	Horizontal
6	15023.5	47.39	-35.08	39.88	-43.07	-25.00	18.07	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3628.5	54.05	-49.52	30.31	-60.42	-25.00	35.42	Vertical
2	5153.5	52.65	-47.13	33.51	-56.23	-25.00	31.23	Vertical
3	6995.5	50.55	-43.58	36.49	-51.80	-25.00	26.80	Vertical
4	8545	49.56	-41.46	38.98	-48.18	-25.00	23.18	Vertical
5	14540	47.01	-35.42	40.56	-43.11	-25.00	18.11	Vertical
6	17989	48.87	-38.97	42.73	-42.63	-25.00	17.63	Vertical



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

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

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

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

Member of the SGS Group (SGS SA)



Report No.: SUCR240400009002

Rev.: 01

Page: 129 of 137

Test Band = SA_N41

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3621	54.34	-49.53	30.28	-60.17	-25.00	35.17	Horizontal
2	5147	52.93	-47.20	33.59	-55.94	-25.00	30.94	Horizontal
3	8547.5	49.00	-41.41	39.04	-48.63	-25.00	23.63	Horizontal
4	9510	49.31	-40.70	39.18	-47.47	-25.00	22.47	Horizontal
5	15026.5	47.32	-35.12	39.87	-43.19	-25.00	18.19	Horizontal
6	17990	48.79	-38.98	42.74	-42.71	-25.00	17.71	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3618.5	54.11	-49.53	30.27	-60.41	-25.00	35.41	Vertical
2	5132	52.52	-47.28	33.56	-56.46	-25.00	31.46	Vertical
3	8543	49.59	-41.50	38.93	-48.24	-25.00	23.24	Vertical
4	11297.5	47.86	-38.58	39.60	-46.38	-25.00	21.38	Vertical
5	15028	47.36	-35.14	39.87	-43.17	-25.00	18.17	Vertical
6	17995.5	48.74	-38.98	42.77	-42.73	-25.00	17.73	Vertical



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SUCR240400009002

Rev.: 01

Page: 130 of 137

Test Band = SA_N41 MIMO

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3614	54.96	-49.54	30.26	-59.58	-25.00	34.58	Horizontal
2	4994	53.43	-47.35	33.11	-56.07	-25.00	31.07	Horizontal
3	7870.5	50.49	-42.95	37.22	-50.50	-25.00	25.50	Horizontal
4	11352.5	48.65	-38.77	39.65	-45.73	-25.00	20.73	Horizontal
5	14549	47.41	-35.18	40.55	-42.48	-25.00	17.48	Horizontal
6	17916	49.78	-38.30	42.30	-41.48	-25.00	16.48	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3616.5	54.78	-49.53	30.27	-59.74	-25.00	34.74	Vertical
2	5156.5	52.78	-47.08	33.43	-56.13	-25.00	31.13	Vertical
3	7576.5	51.54	-43.66	36.75	-50.63	-25.00	25.63	Vertical
4	11795	48.22	-38.17	39.88	-45.33	-25.00	20.33	Vertical
5	15022	47.53	-35.06	39.88	-42.91	-25.00	17.91	Vertical
6	17913.5	48.95	-38.26	42.28	-42.29	-25.00	17.29	Vertical



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SUCR240400009002

Rev.: 01

Page: 131 of 137

Test Band = SA_N41 MIMO
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3613	54.85	-49.54	30.25	-59.70	-25.00	34.70	Horizontal
2	4852	52.77	-47.76	32.81	-57.44	-25.00	32.44	Horizontal
3	6601	51.89	-44.88	35.41	-52.84	-25.00	27.84	Horizontal
4	8569.5	50.21	-41.75	38.75	-48.05	-25.00	23.05	Horizontal
5	12553	47.66	-37.12	39.45	-45.27	-25.00	20.27	Horizontal
6	17908	49.04	-38.16	42.25	-42.13	-25.00	17.13	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3631	54.51	-49.52	30.32	-59.95	-25.00	34.95	Vertical
2	5122	52.85	-47.34	33.54	-56.21	-25.00	31.21	Vertical
3	6517	52.74	-44.85	35.13	-52.24	-25.00	27.24	Vertical
4	8544	49.62	-41.48	38.96	-48.16	-25.00	23.16	Vertical
5	14153.5	47.17	-35.47	40.75	-42.81	-25.00	17.81	Vertical
6	17913.5	48.92	-38.26	42.28	-42.32	-25.00	17.32	Vertical



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SUCR240400009002

Rev.: 01

Page: 132 of 137

Test Band = SA_N41 MIMO
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3617	54.93	-49.53	30.27	-59.59	-25.00	34.59	Horizontal
2	5357.5	52.57	-46.71	33.19	-56.21	-25.00	31.21	Horizontal
3	7342	51.71	-43.61	36.93	-50.23	-25.00	25.23	Horizontal
4	8555	49.54	-41.46	39.01	-48.17	-25.00	23.17	Horizontal
5	12858.5	48.38	-36.97	39.42	-44.43	-25.00	19.43	Horizontal
6	17911	48.84	-38.21	42.27	-42.36	-25.00	17.36	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3609	54.67	-49.54	30.24	-59.89	-25.00	34.89	Vertical
2	4989.5	53.15	-47.33	33.12	-56.32	-25.00	31.32	Vertical
3	7240.5	51.54	-44.23	37.18	-50.77	-25.00	25.77	Vertical
4	8549	49.91	-41.38	39.08	-47.65	-25.00	22.65	Vertical
5	12912.5	47.80	-37.15	39.58	-45.03	-25.00	20.03	Vertical
6	17987.5	49.42	-38.97	42.73	-42.08	-25.00	17.08	Vertical



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

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

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

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

Member of the SGS Group (SGS SA)



Report No.: SUCR240400009002

Rev.: 01

Page: 133 of 137

Test Band = NSA_B12+N41

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3786	53.74	-49.60	30.50	-60.62	-25.00	35.62	Horizontal
2	5872.5	51.84	-45.72	34.19	-54.95	-25.00	29.95	Horizontal
3	8545	48.93	-41.46	38.98	-48.81	-25.00	23.81	Horizontal
4	11750	47.55	-38.26	39.70	-46.27	-25.00	21.27	Horizontal
5	15111.5	48.38	-35.99	39.78	-43.09	-25.00	18.09	Horizontal
6	17985.5	48.77	-38.97	42.71	-42.75	-25.00	17.75	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3751	53.92	-49.45	30.50	-60.29	-25.00	35.29	Vertical
2	5151.5	52.52	-47.16	33.56	-56.34	-25.00	31.34	Vertical
3	8549	49.26	-41.38	39.08	-48.30	-25.00	23.30	Vertical
4	9485	49.76	-40.73	39.14	-47.09	-25.00	22.09	Vertical
5	13429.5	47.04	-36.47	40.24	-44.45	-25.00	19.45	Vertical
6	17998.5	48.96	-38.99	42.79	-42.50	-25.00	17.50	Vertical



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

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

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

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

Member of the SGS Group (SGS SA)



Report No.: SUCR240400009002

Rev.: 01

Page: 134 of 137

Test Band = NSA_B12+N41

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3640	54.15	-49.51	30.36	-60.26	-25.00	35.26	Horizontal
2	5873.5	51.92	-45.72	34.19	-54.87	-25.00	29.87	Horizontal
3	7958	50.58	-43.32	37.48	-50.52	-25.00	25.52	Horizontal
4	9474	49.68	-40.84	39.10	-47.32	-25.00	22.32	Horizontal
5	14524	47.20	-35.85	40.58	-43.33	-25.00	18.33	Horizontal
6	17995	48.96	-38.98	42.77	-42.51	-25.00	17.51	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3873.5	53.81	-49.50	30.49	-60.46	-25.00	35.46	Vertical
2	5893.5	51.40	-45.64	34.27	-55.23	-25.00	30.23	Vertical
3	8543	49.45	-41.50	38.93	-48.38	-25.00	23.38	Vertical
4	9498.5	49.35	-40.60	39.19	-47.32	-25.00	22.32	Vertical
5	13518	47.36	-36.62	40.06	-44.46	-25.00	19.46	Vertical
6	17991	48.62	-38.98	42.75	-42.87	-25.00	17.87	Vertical



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

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

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

中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

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

Member of the SGS Group (SGS SA)

Report No.: SUCR240400009002

Rev.: 01

Page: 135 of 137

Test Band = NSA_B12+N41
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3604	54.48	-49.55	30.22	-60.11	-25.00	35.11	Horizontal
2	5125.5	52.42	-47.32	33.55	-56.61	-25.00	31.61	Horizontal
3	6943.5	51.76	-44.51	36.37	-51.64	-25.00	26.64	Horizontal
4	9468	49.63	-40.90	39.07	-47.46	-25.00	22.46	Horizontal
5	13418.5	47.10	-36.54	40.26	-44.44	-25.00	19.44	Horizontal
6	17993	48.73	-38.98	42.76	-42.75	-25.00	17.75	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3631.5	54.27	-49.52	30.33	-60.18	-25.00	35.18	Vertical
2	5090	52.22	-47.47	33.48	-57.03	-25.00	32.03	Vertical
3	6975.5	50.93	-44.01	36.45	-51.89	-25.00	26.89	Vertical
4	9487.5	49.54	-40.71	39.15	-47.28	-25.00	22.28	Vertical
5	13233.5	46.55	-36.58	40.37	-44.92	-25.00	19.92	Vertical
6	17986.5	48.63	-38.97	42.72	-42.88	-25.00	17.88	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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

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

Member of the SGS Group (SGS SA)



Report No.: SUCR240400009002

Rev.: 01

Page: 136 of 137

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
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	-5.000000	-0.001928	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-5.800000	-0.002237	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	2.000000	0.000771	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VH	NT	3.300000	0.001273	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VN	NT	-7.700000	-0.002970	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VL	NT	-1.700000	-0.000656	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, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)



Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-4.900000	-0.001890	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-6.500000	-0.002507	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	5.700000	0.002198	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	0.200000	0.000077	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	3.200000	0.001234	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	-4.600000	-0.001774	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	3.400000	0.001311	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	-2.900000	-0.001118	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-0.100000	-0.000039	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	50	1.300000	0.000501	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-20	1.700000	0.000656	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-10	6.100000	0.002352	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	0	-4.000000	-0.001543	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	10	0.500000	0.000193	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	20	-1.200000	-0.000463	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	30	2.400000	0.000926	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	40	0.200000	0.000077	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-30	-2.700000	-0.001041	PASS

---End of Attachment---



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

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

Member of the SGS Group (SGS SA)