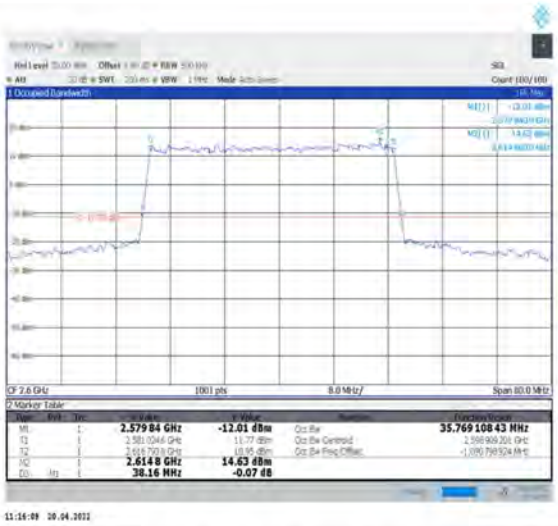
1-N38--30-40-M-8-CP-64QAM-Outer_Full-106@0-Ant1-37.931-40.480-≤40-PASS

1-N38--30-40-M-9-CP-256QAM-Outer_Full-106@0-Ant1-37.897-40.320-≤40-PASS

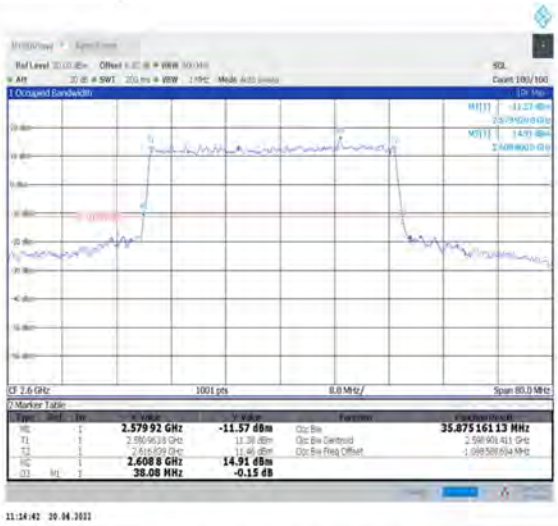
1-N38--30-40-H-1-DFT-QPSK-Outer_Full-100@0-Ant1-35.764-38.240-≤40-PASS

1-N38--30-40-H-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-35.802-38.000-≤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-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

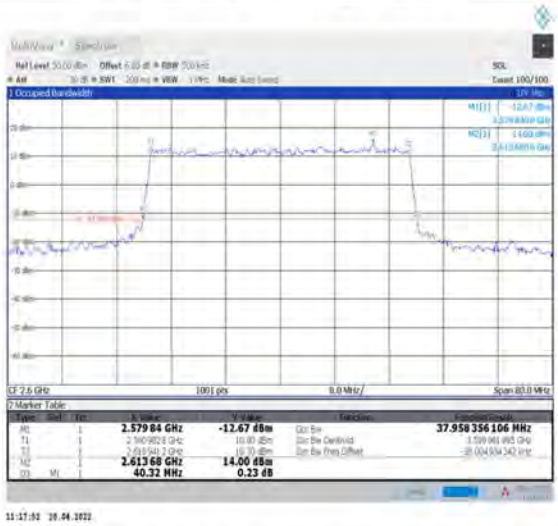


1-N38--30-40-H-3-DFT-16QAM-Outer_Full-100@0-Ant1-35.769-38.160-≤40-PASS



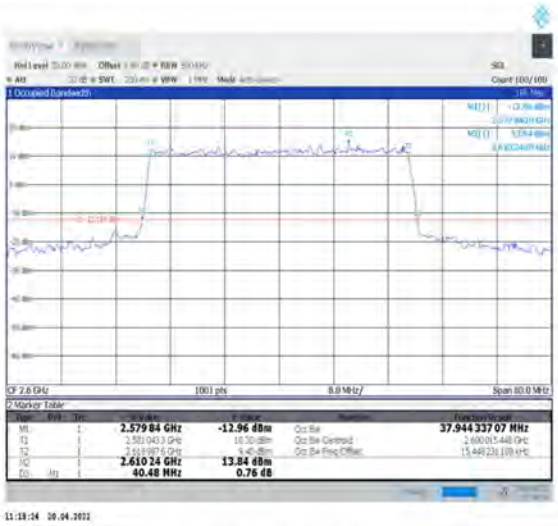
1-N38--30-40-H-4-DFT-64QAM-Outer_Full-100@0-Ant1-35.875-38.080-≤40-PASS

1-N38--30-40-H-5-DFT-256QAM-Outer_Full-100@0-Ant1-35.739-38.000-≤40-PASS



1-N38--30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant1-37.958-40.320-≤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-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



1-N38--30-40-H-7-CP-16QAM-Outer_Full-106@0-Ant1-37.944-40.480-≤40-PASS

1-N38--30-40-H-8-CP-64QAM-Outer_Full-106@0-Ant1-37.889-40.400-≤40-PASS

1-N38--30-40-H-9-CP-256QAM-Outer_Full-106@0-Ant1-37.92-40.320-≤40-PASS

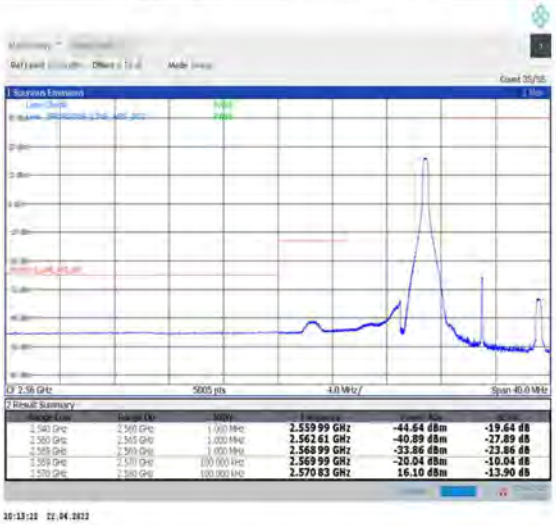
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band Edge for SA

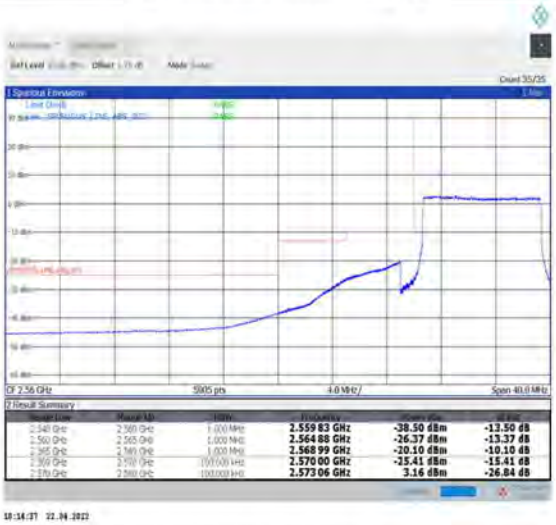
Test Graphs

1-N38--30-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph

1-N38--30-10-L-3-DFT-PI2BPSK-Outer_Full-24@0-Ant1-PASS-see graph

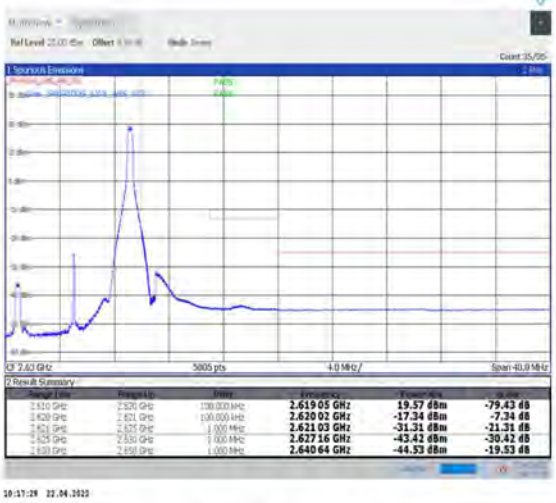


1-N38--30-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph



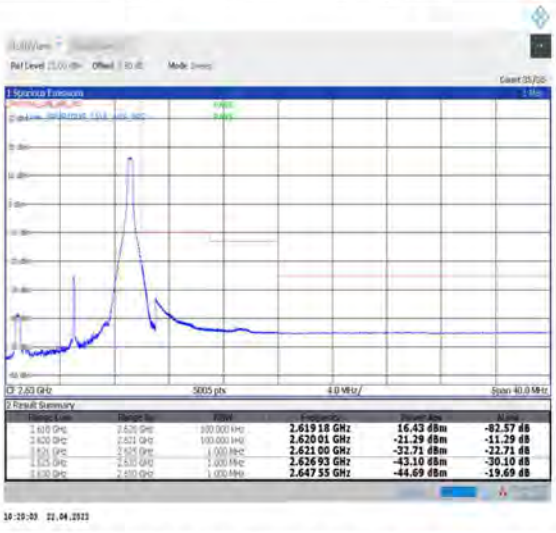
1-N38--30-10-L-6-CP-QPSK-Outer_Full-24@0-Ant1-PASS-see graph

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-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



1-N38--30-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@23-Ant1-PASS-see graph

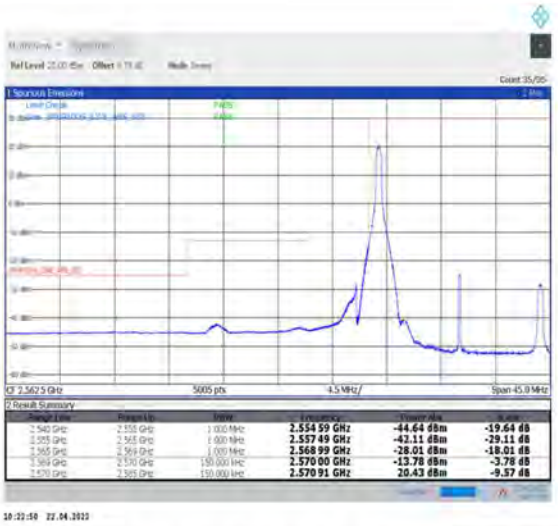
1-N38--30-10-H-3-DFT-PI2BPSK-Outer_Full-24@0-Ant1-PASS-see graph



1-N38--30-10-H-5-CP-QPSK-Edge_1RB_Right-1@23-Ant1-PASS-see graph

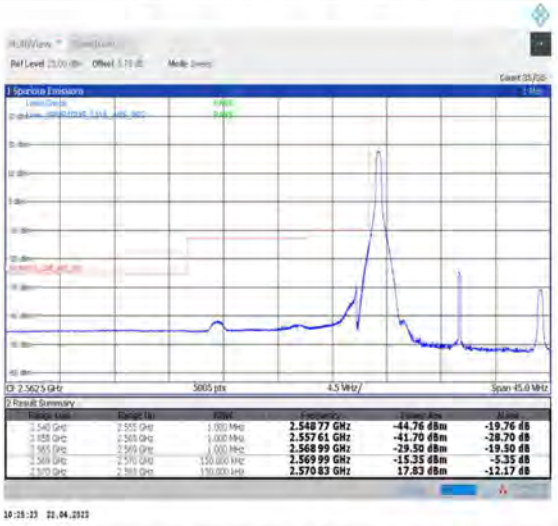
1-N38--30-10-H-6-CP-QPSK-Outer_Full-24@0-Ant1-PASS-see graph

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-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

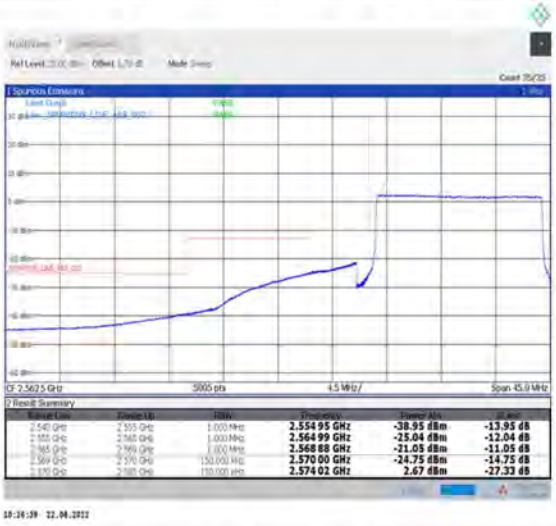


1-N38--30-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph

1-N38--30-15-L-3-DFT-PI2BPSK-Outer_Full-36@0-Ant1-PASS-see graph

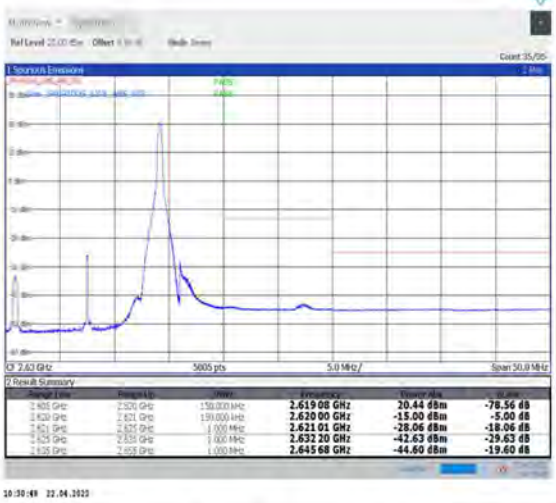


1-N38--30-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph



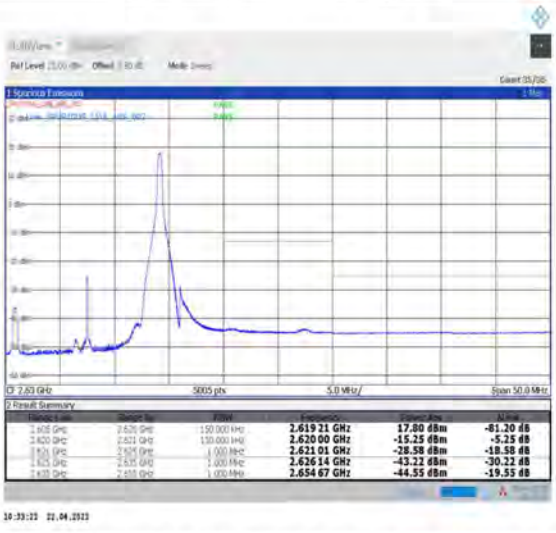
1-N38--30-15-L-6-CP-QPSK-Outer_Full-38@0-Ant1-PASS-see graph

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-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

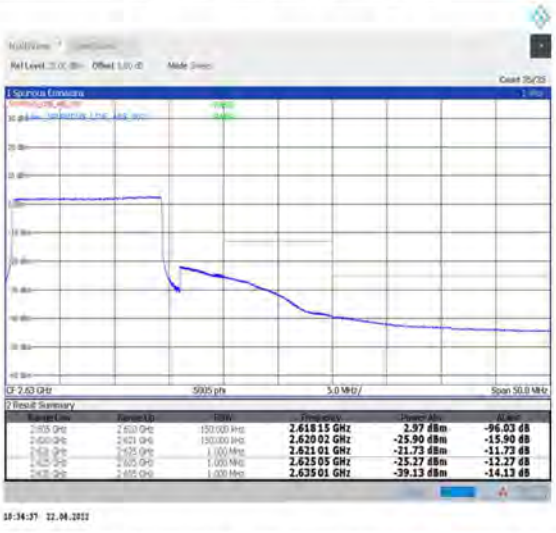


1-N38--30-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@37-Ant1-PASS-see graph

1-N38--30-15-H-3-DFT-PI2BPSK-Outer_Full-36@0-Ant1-PASS-see graph

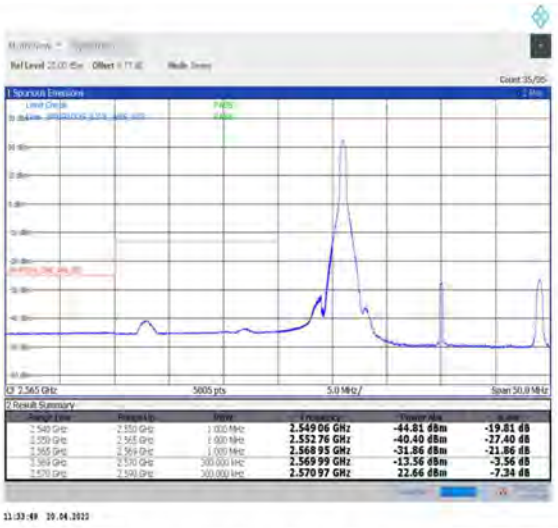


1-N38--30-15-H-5-CP-QPSK-Edge_1RB_Right-1@37-Ant1-PASS-see graph



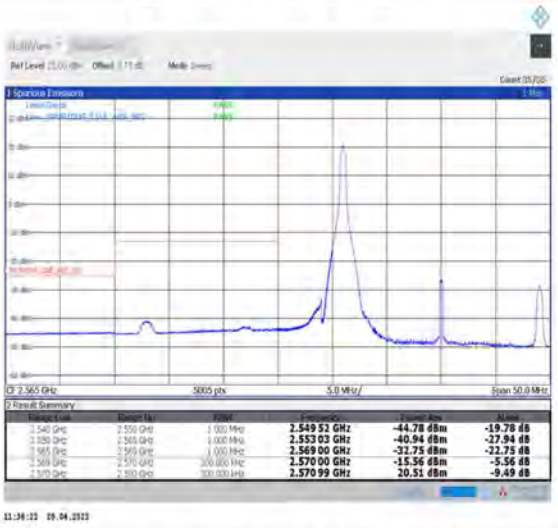
1-N38--30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant1-PASS-see graph

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-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



1-N38--30-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph

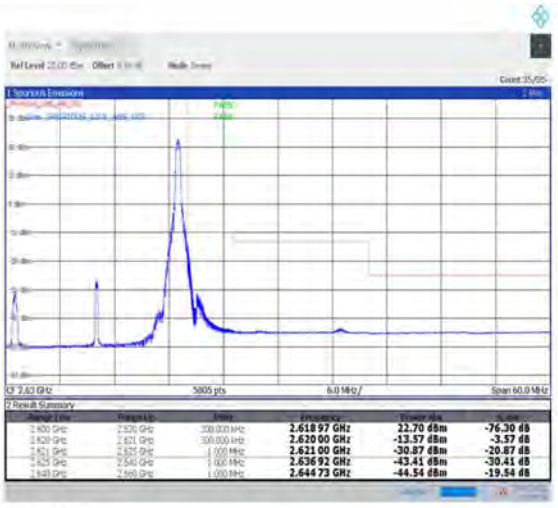
1-N38--30-20-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-PASS-see graph



1-N38--30-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph

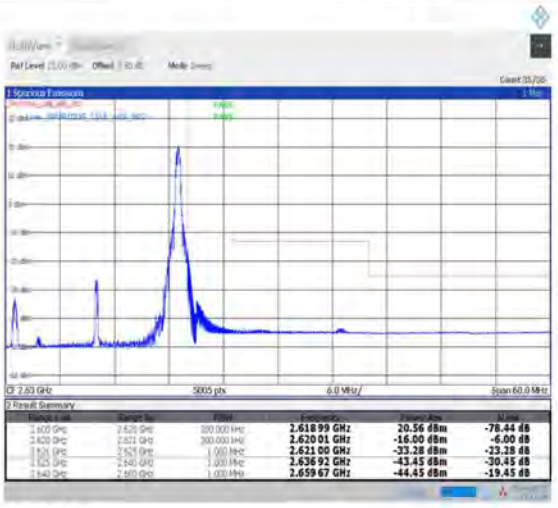
1-N38--30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant1-PASS-see graph

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-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

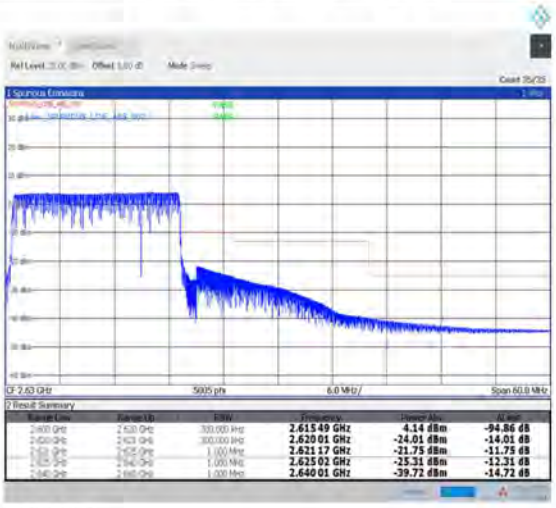


1-N38--30-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@50-Ant1-PASS-see graph

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

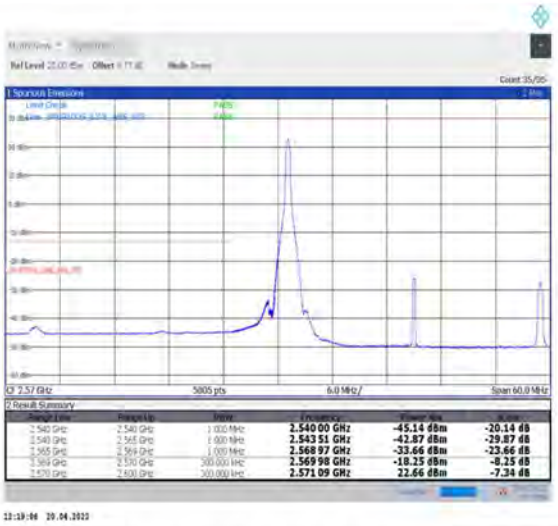


1-N38--30-20-H-5-CP-QPSK-Edge_1RB_Right-1@50-Ant1-PASS-see graph



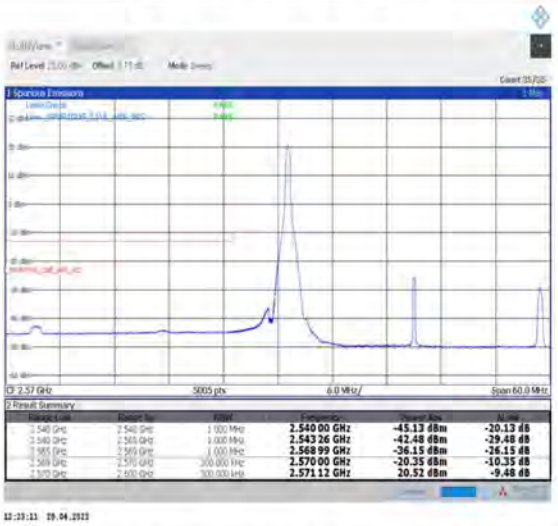
1-N38--30-20-H-6-CP-QPSK-Outer_Full-51@0-Ant1-PASS-see graph

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-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 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)



1-N38--30-30-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph

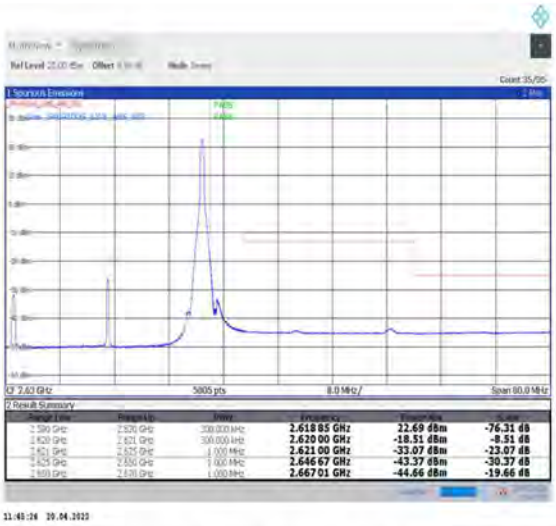
1-N38--30-30-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-PASS-see graph



1-N38--30-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph

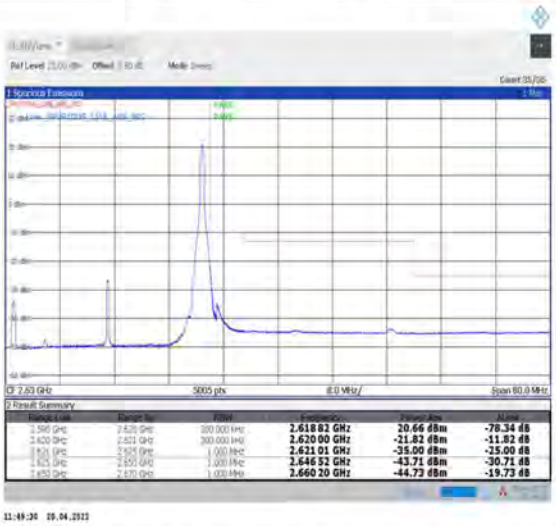
1-N38--30-30-L-6-CP-QPSK-Outer_Full-78@0-Ant1-PASS-see graph

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-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

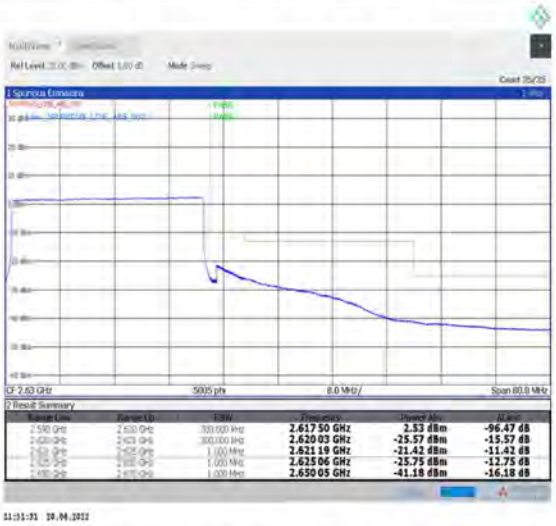


1-N38--30-30-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@77-Ant1-PASS-see graph

1-N38--30-30-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-PASS-see graph

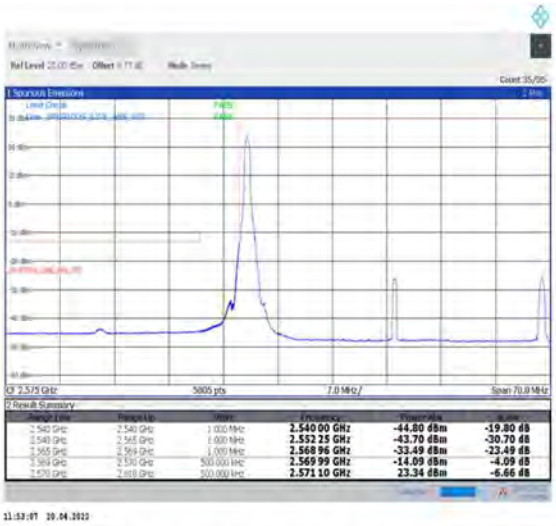


1-N38--30-30-H-5-CP-QPSK-Edge_1RB_Right-1@77-Ant1-PASS-see graph

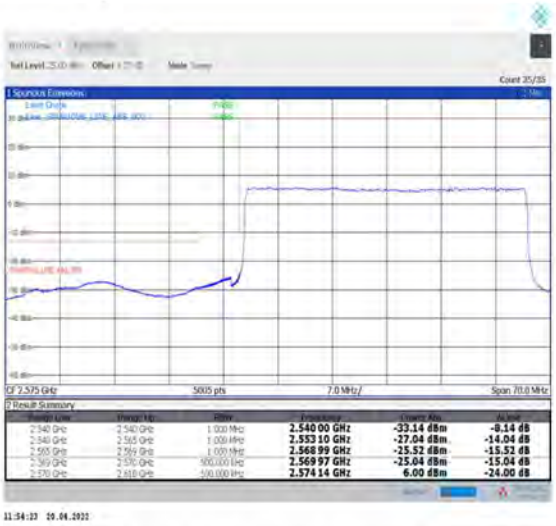


1-N38--30-30-H-6-CP-QPSK-Outer_Full-78@0-Ant1-PASS-see graph

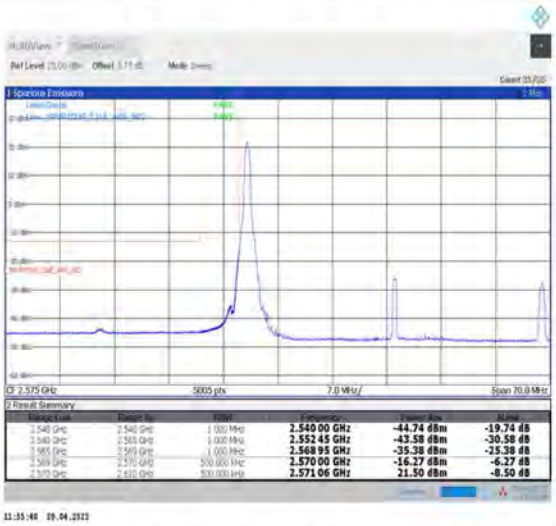
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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



1-N38--30-40-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph



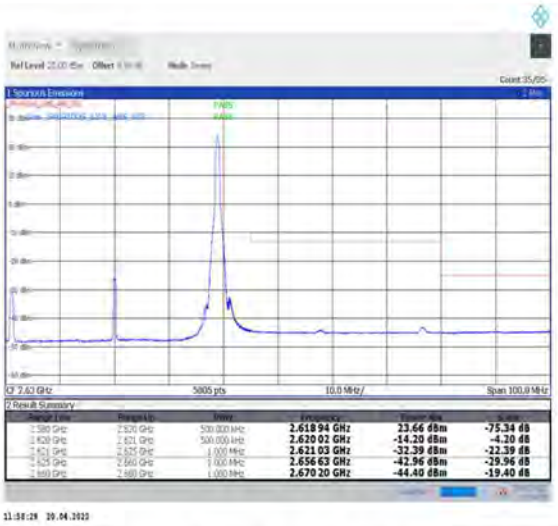
1-N38--30-40-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-PASS-see graph



1-N38--30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph

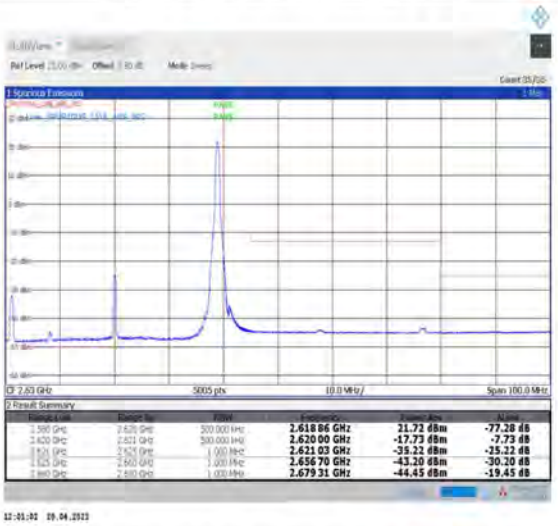
1-N38--30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant1-PASS-see graph

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-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



1-N38--30-40-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant1-PASS-see graph

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



1-N38--30-40-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-PASS-see graph

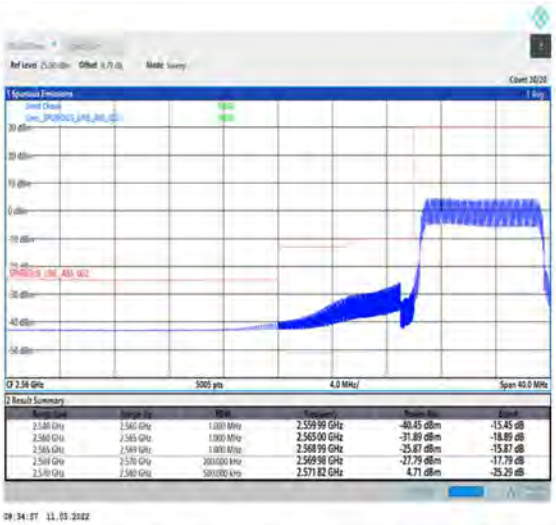
1-N38--30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant1-PASS-see graph

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-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

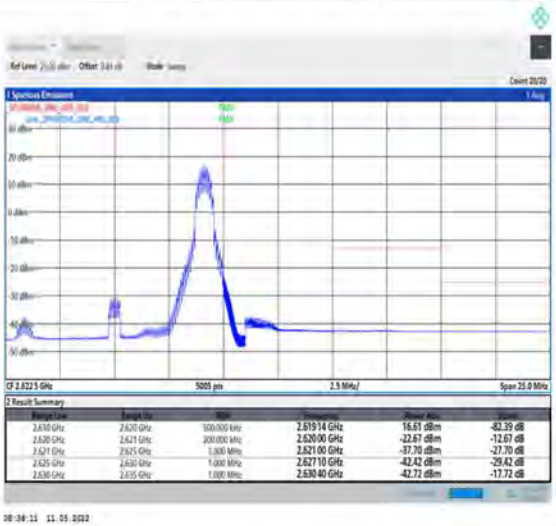
Band Edge for MIMO

Test Graphs

1-N38-PC2-30-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph



1-N38-PC2-30-10-L-6-CP-QPSK-Outer_Full-24@0-Ant1-PASS-see graph



1-N38-PC2-30-10-H-5-CP-QPSK-Edge_1RB_Right-1@23-Ant1-PASS-see graph

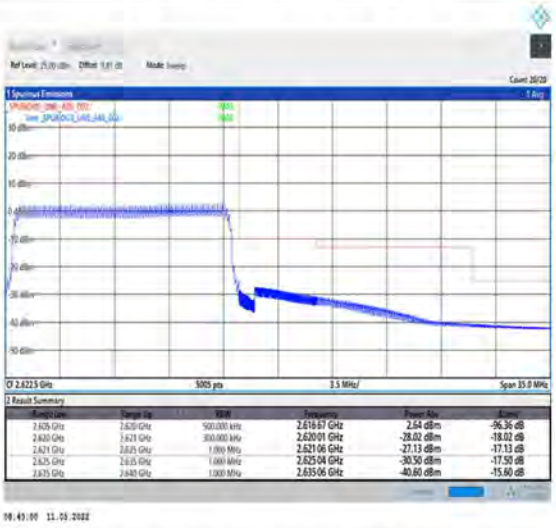
1-N38-PC2-30-10-H-6-CP-QPSK-Outer_Full-24@0-Ant1-PASS-see graph

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-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

1-N38-PC2-30-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph

1-N38-PC2-30-15-L-6-CP-QPSK-Outer_Full-38@0-Ant1-PASS-see graph

1-N38-PC2-30-15-H-5-CP-QPSK-Edge_1RB_Right-1@37-Ant1-PASS-see graph

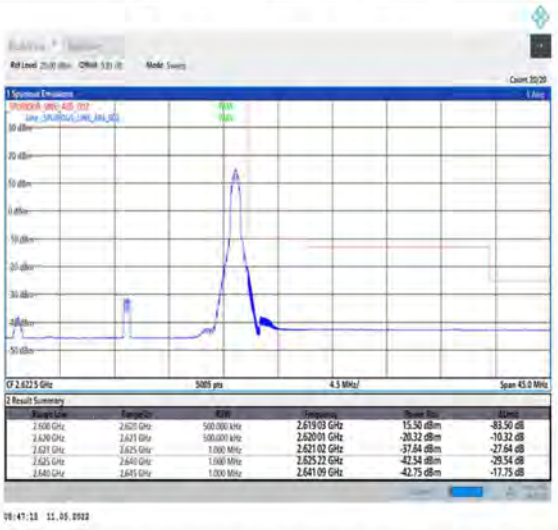


1-N38-PC2-30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant1-PASS-see graph

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-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

1-N38-PC2-30-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph

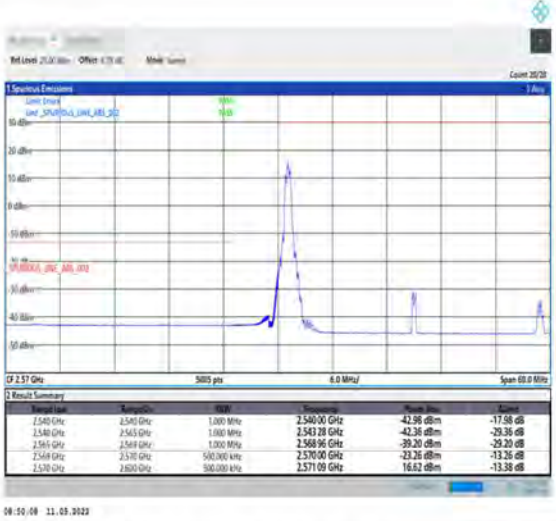
1-N38-PC2-30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant1-PASS-see graph



1-N38-PC2-30-20-H-5-CP-QPSK-Edge_1RB_Right-1@50-Ant1-PASS-see graph

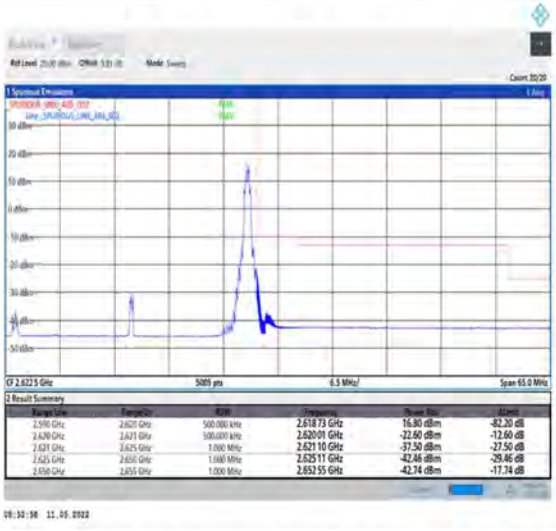
1-N38-PC2-30-20-H-6-CP-QPSK-Outer_Full-51@0-Ant1-PASS-see graph

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-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

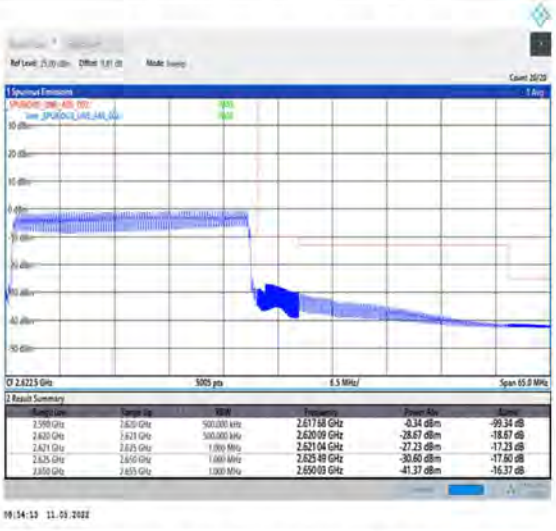


1-N38-PC2-30-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph

1-N38-PC2-30-30-L-6-CP-QPSK-Outer_Full-78@0-Ant1-PASS-see graph

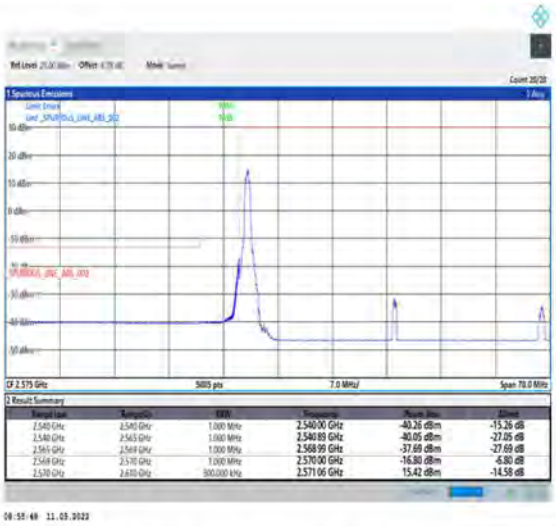


1-N38-PC2-30-30-H-5-CP-QPSK-Edge_1RB_Right-1@77-Ant1-PASS-see graph



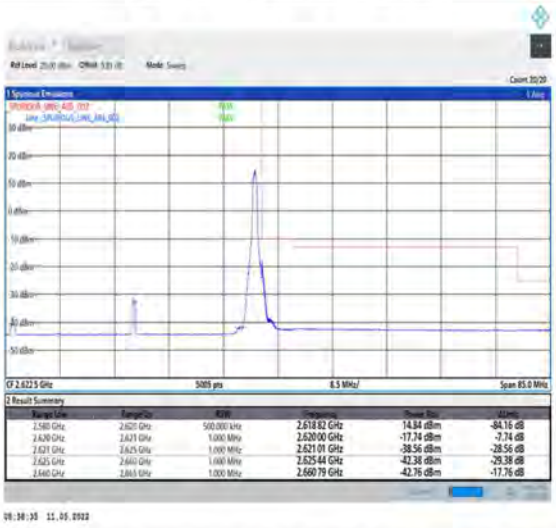
1-N38-PC2-30-30-H-6-CP-QPSK-Outer_Full-78@0-Ant1-PASS-see graph

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-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

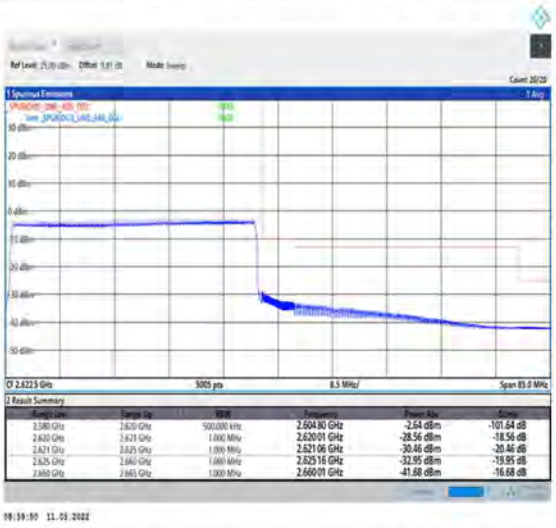


1-N38-PC2-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph

1-N38-PC2-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant1-PASS-see graph



1-N38-PC2-30-40-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-PASS-see graph

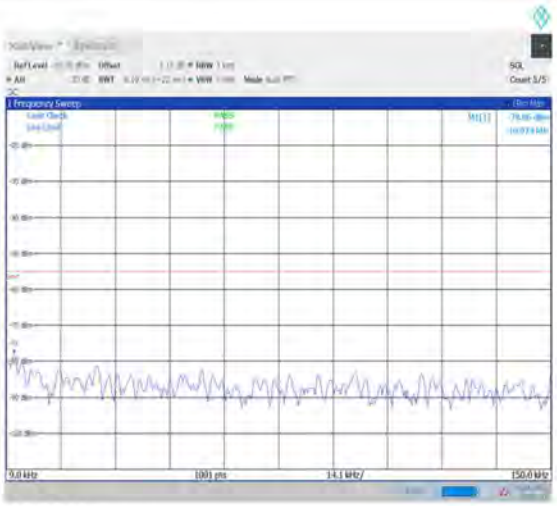


1-N38-PC2-30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant1-PASS-see graph

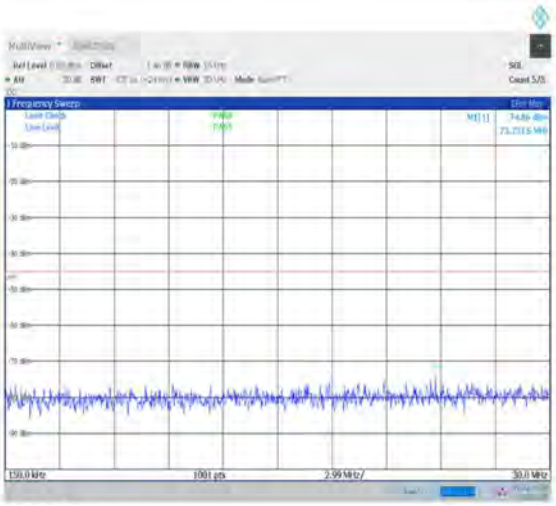
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Conducted Spurious Emission for SA

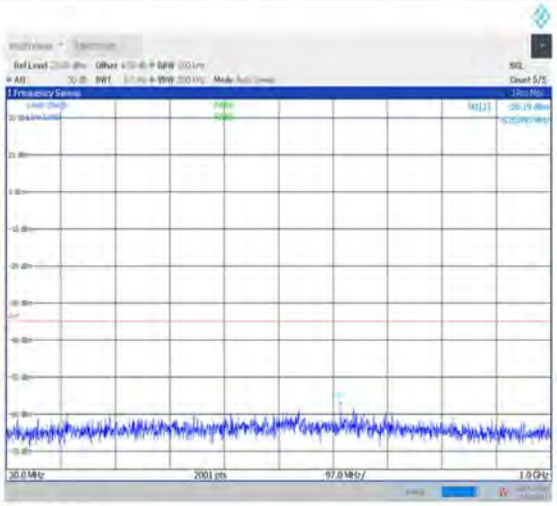
Test Graphs



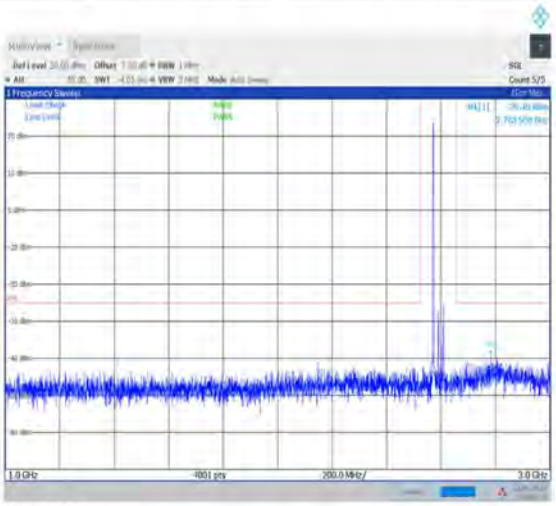
1-N38--30-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1--78.06--55-PASS



1-N38--30-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1--74.86--45-PASS

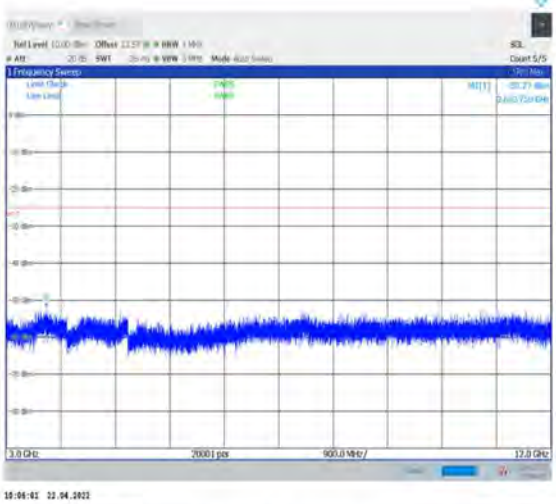


1-N38--30-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1--58.19--35-PASS

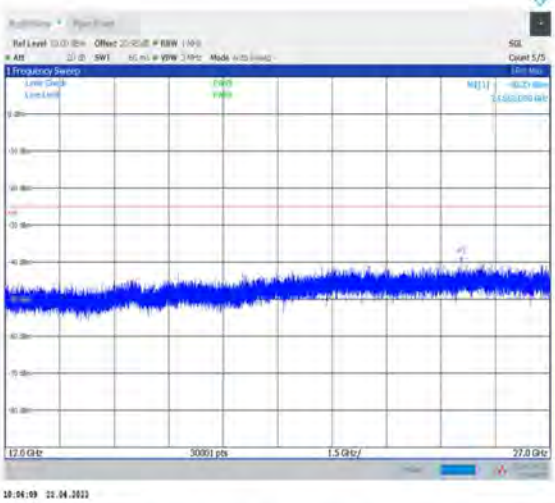


1-N38--30-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1--39.40--25-PASS

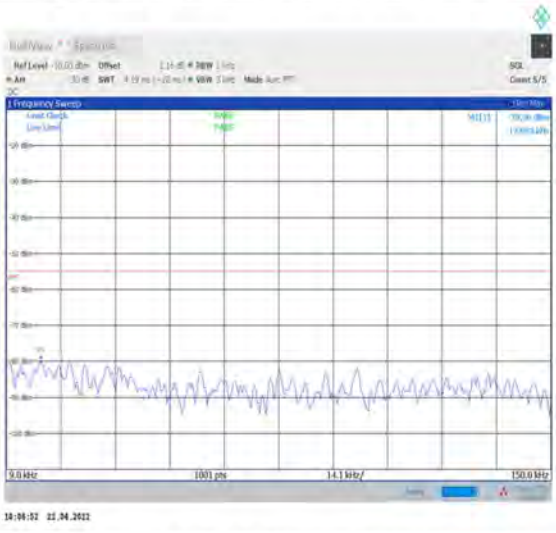
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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



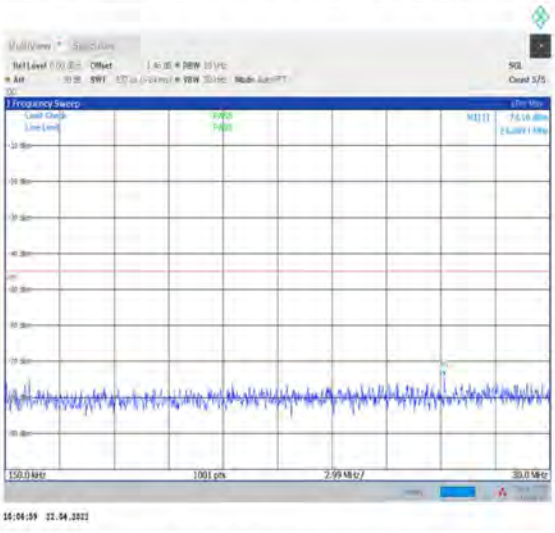
1-N38--30-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1--52.27--25-PASS



1-N38--30-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-27000-Ant1--40.23--25-PASS



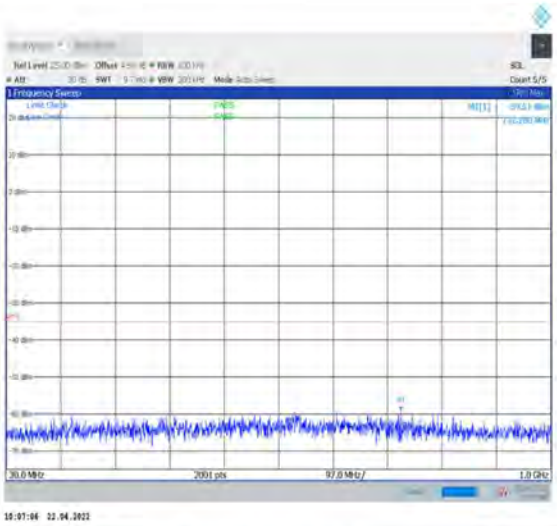
1-N38--30-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1--79.96--55-PASS



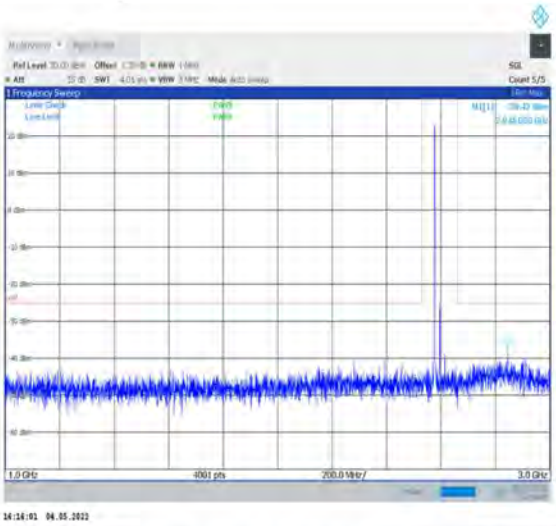
1-N38--30-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1--74.16--45-PASS

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-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

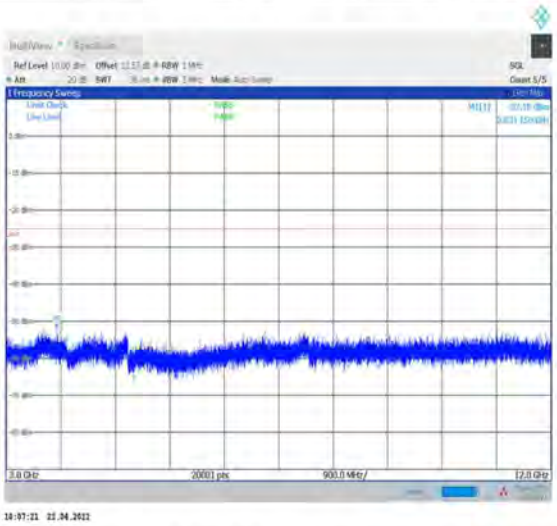
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



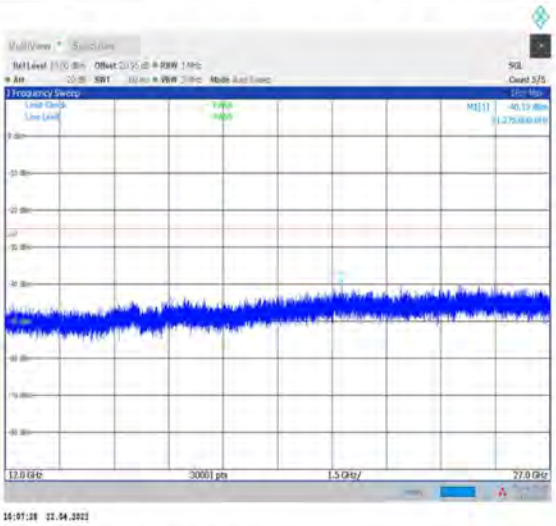
1-N38--30-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1--59.51--35-PASS



1-N38--30-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1--39.82--25-PASS



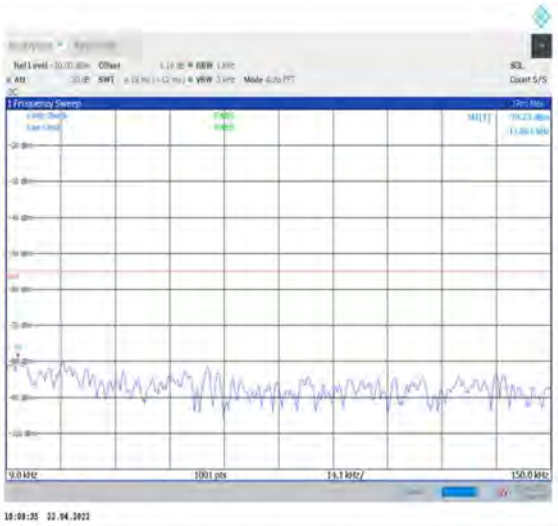
1-N38--30-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1--52.18--25-PASS



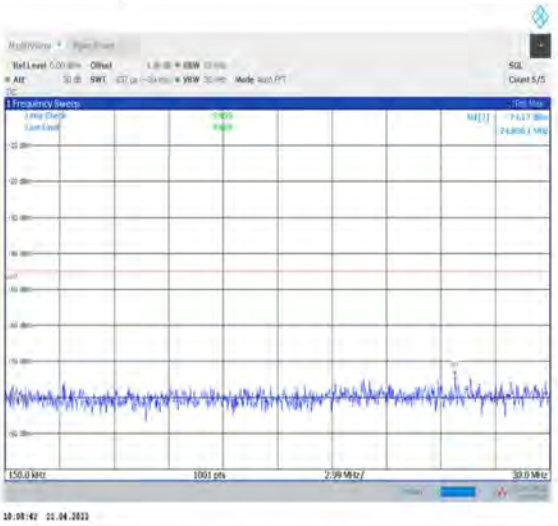
1-N38--30-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-27000-Ant1--40.13--25-PASS

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-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

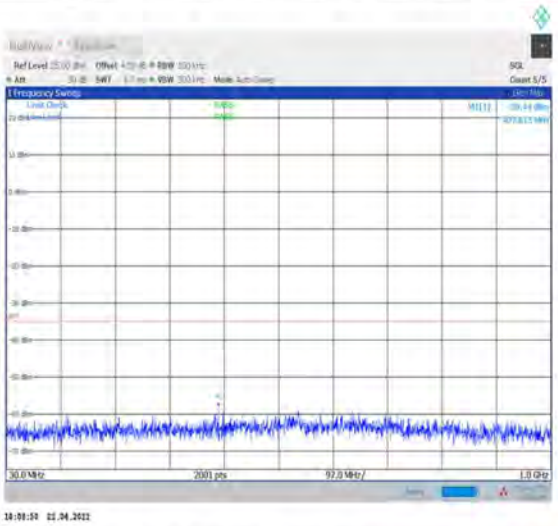
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



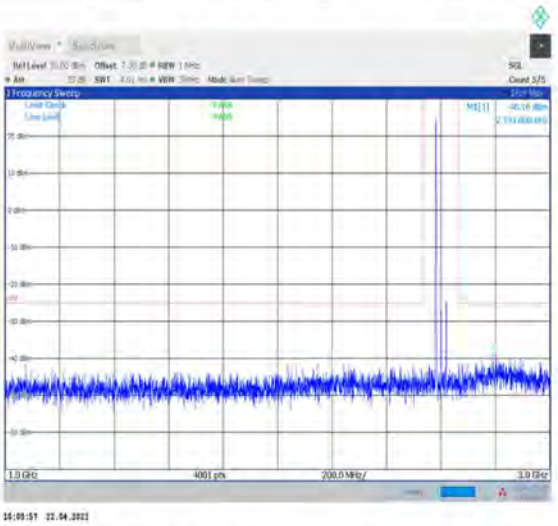
1-N38--30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1--79.23--55-PASS



1-N38--30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1--74.17--45-PASS

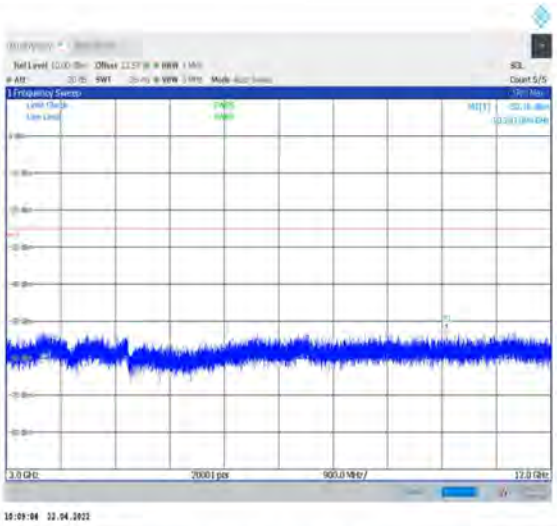
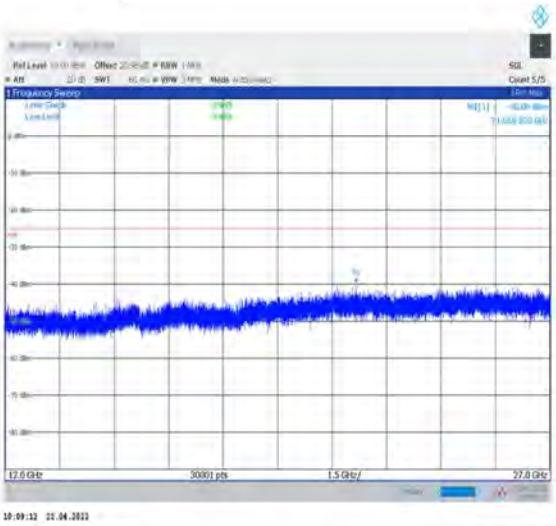


1-N38--30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1--58.44--35-PASS



1-N38--30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1--40.16--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

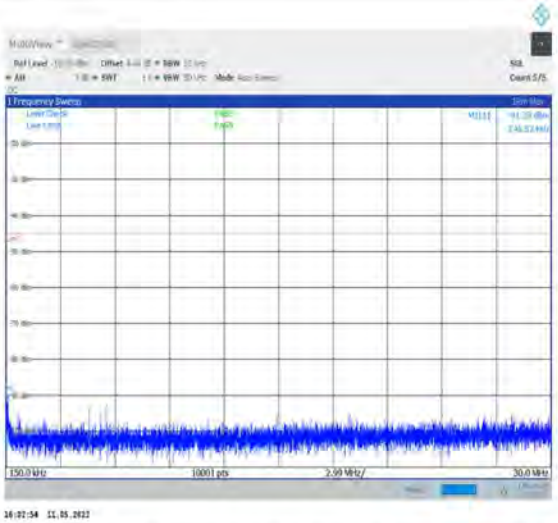
	
1-N38--30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1--52.16--25-PASS	1-N38--30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-27000-Ant1--40.00--25-PASS

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

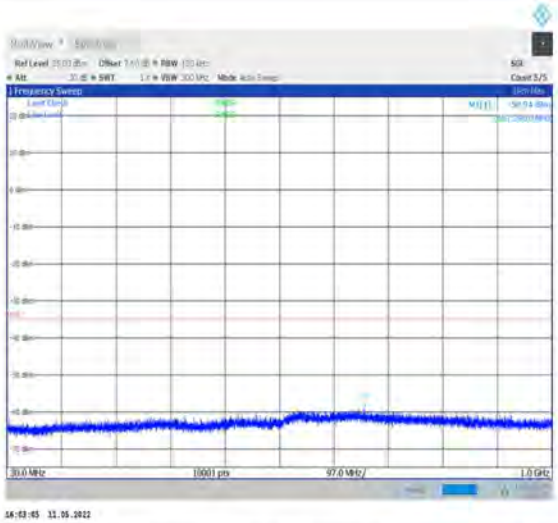
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Conducted Spurious Emission for MIMO

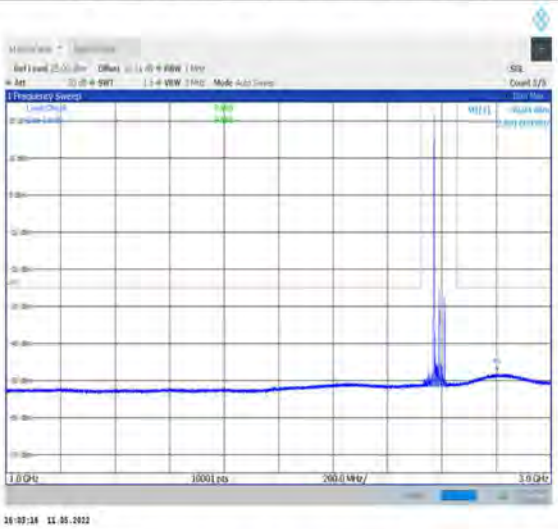
Test Graphs



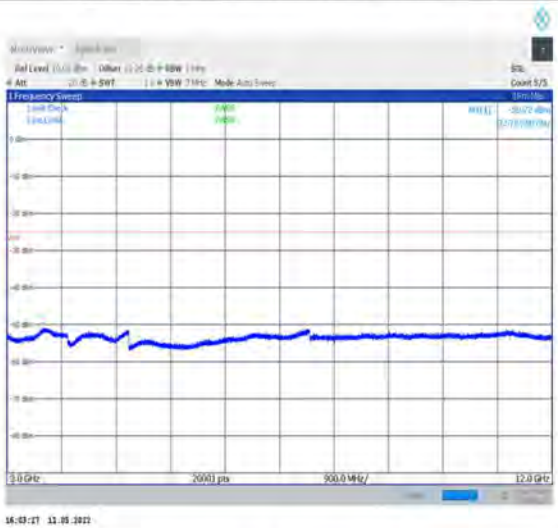
1-N38-PC2-30-40-L-1-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant1--91.33--45-PASS



1-N38-PC2-30-40-L-1-DFT-QPSK-Edge_1RB_Left-1@0-30-1000-Ant1--58.94--35-PASS

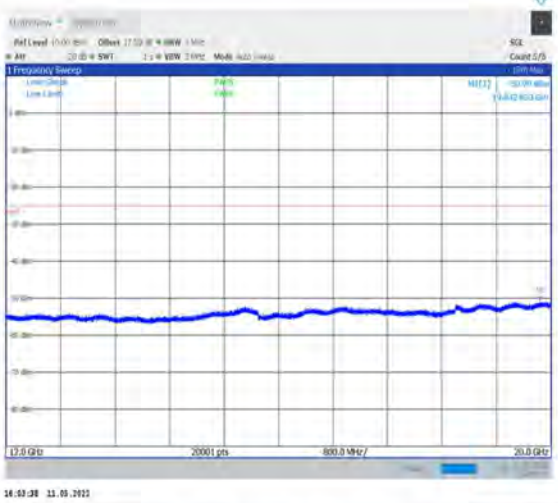


1-N38-PC2-30-40-L-1-DFT-QPSK-Edge_1RB_Left-1@0-1000-3000-Ant1--48.04--25-PASS

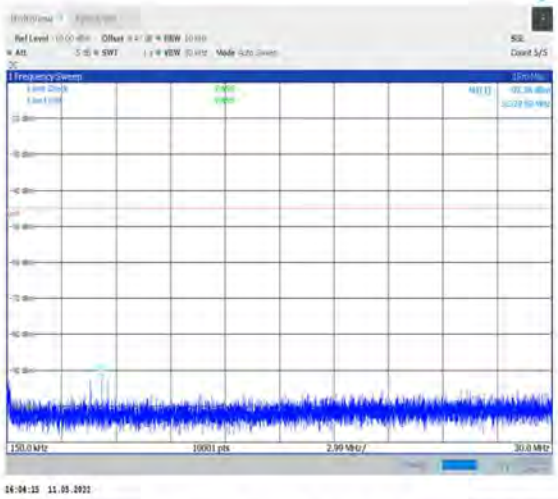


1-N38-PC2-30-40-L-1-DFT-QPSK-Edge_1RB_Left-1@0-3000-12000-Ant1--50.72--25-PASS

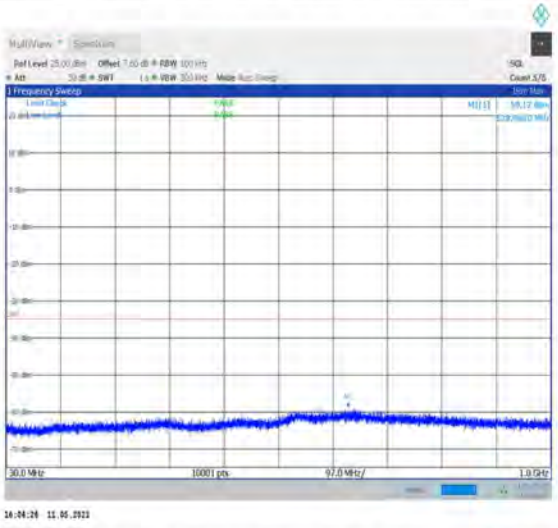
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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



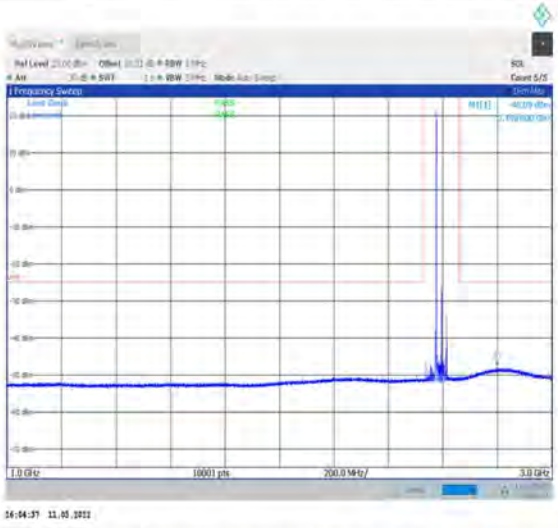
1-N38-PC2-30-40-L-1-DFT-QPSK-Edge_1RB_Left-1@0-12000-20000-Ant1--50.90--25-PASS



1-N38-PC2-30-40-M-1-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant1--92.36--45-PASS

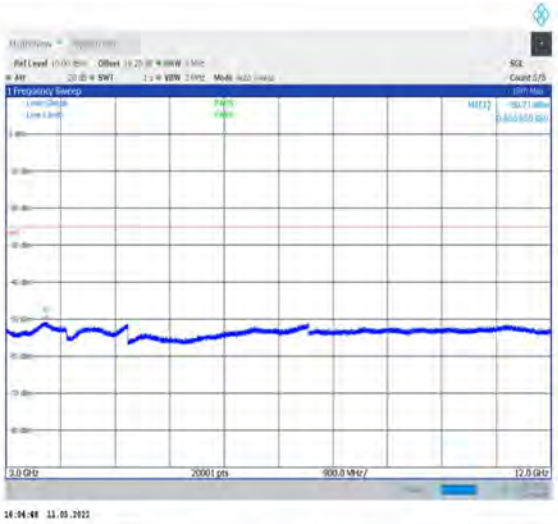


1-N38-PC2-30-40-M-1-DFT-QPSK-Edge_1RB_Left-1@0-30-1000-Ant1--59.12--35-PASS

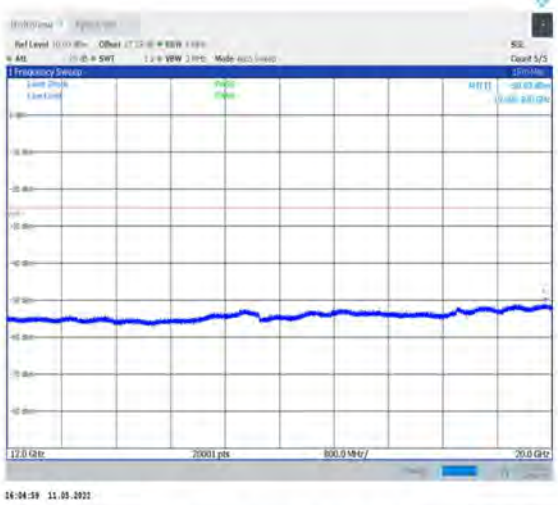


1-N38-PC2-30-40-M-1-DFT-QPSK-Edge_1RB_Left-1@0-1000-3000-Ant1--48.09--25-PASS

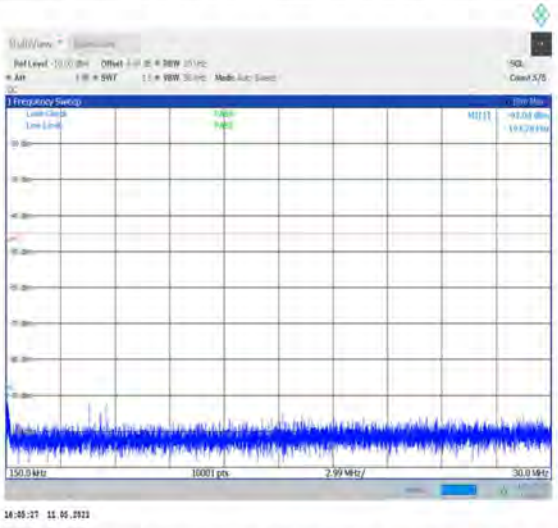
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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



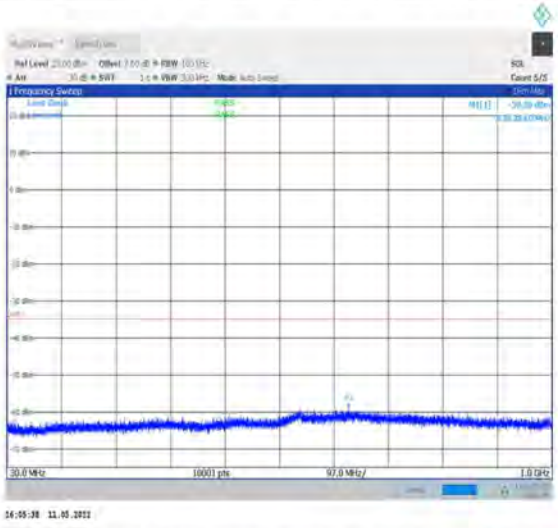
1-N38-PC2-30-40-M-1-DFT-QPSK-Edge_1RB_Left-1@0-3000-12000-Ant1--50.71--25-PASS



1-N38-PC2-30-40-M-1-DFT-QPSK-Edge_1RB_Left-1@0-12000-20000-Ant1--50.83--25-PASS

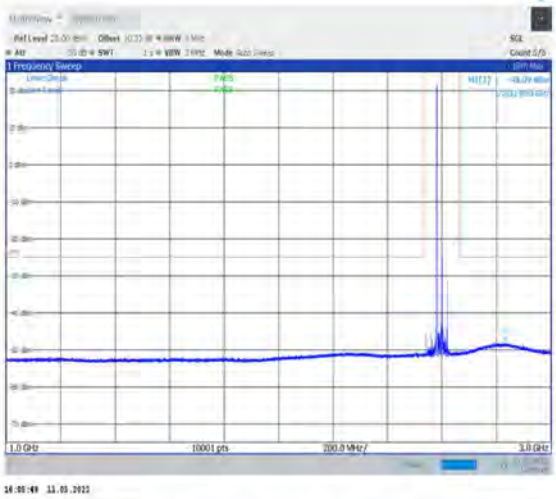


1-N38-PC2-30-40-H-1-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant1--91.04--45-PASS

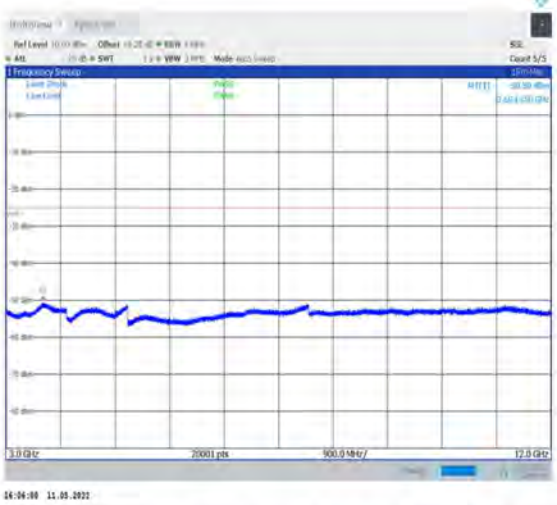


1-N38-PC2-30-40-H-1-DFT-QPSK-Edge_1RB_Left-1@0-30-1000-Ant1--59.26--35-PASS

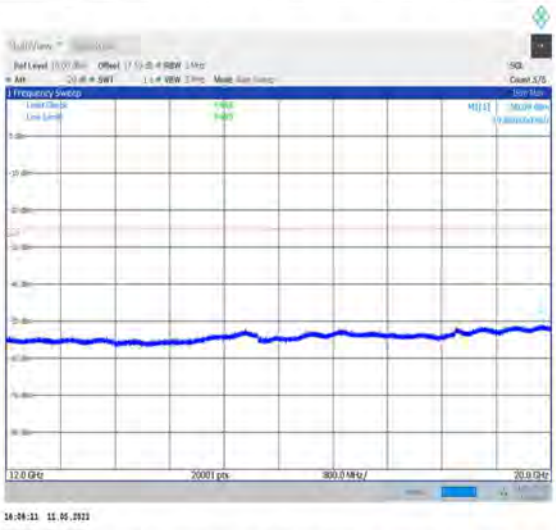
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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



1-N38-PC2-30-40-H-1-DFT-QPSK-Edge_1RB_Left-1@0-1000-3000-Ant1--48.09--25-PASS



1-N38-PC2-30-40-H-1-DFT-QPSK-Edge_1RB_Left-1@0-3000-12000-Ant1--50.50--25-PASS



1-N38-PC2-30-40-H-1-DFT-QPSK-Edge_1RB_Left-1@0-12000-20000-Ant1--50.69--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 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Field Strength of Spurious Radiation

Test Band = SA Band 38_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.18	50.30	-106.89	-56.59	-25.00	31.59	263	185	Horizontal
2	7716.27	49.86	-99.54	-49.68	-25.00	24.68	251	221	Horizontal
3	10288.36	43.68	-93.24	-49.56	-25.00	24.56	174	102	Horizontal
4	12860.45	43.81	-90.75	-46.94	-25.00	21.94	186	149	Horizontal
5	15432.54	41.64	-90.59	-48.95	-25.00	23.95	254	78	Horizontal
6	17860.7143	41.93	-84.18	-42.25	-25.00	17.25	188	349	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.18	49.89	-106.89	-57.00	-25.00	32.00	162	327	Vertical
2	7716.27	50.02	-99.54	-49.52	-25.00	24.52	241	338	Vertical
3	10288.36	43.64	-93.24	-49.60	-25.00	24.60	176	70	Vertical
4	12860.45	44.15	-90.75	-46.60	-25.00	21.60	263	199	Vertical
5	15432.54	41.06	-90.59	-49.53	-25.00	24.53	284	211	Vertical
6	17847.8571	41.95	-84.20	-42.25	-25.00	17.25	166	267	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

Test Band = SA Band 38_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5154.18	49.73	-106.87	-57.14	-25.00	32.14	263	4	Horizontal
2	7731.27	48.93	-99.40	-50.47	-25.00	25.47	241	46	Horizontal
3	10308.36	43.13	-93.22	-50.09	-25.00	25.09	176	58	Horizontal
4	12885.45	42.73	-90.66	-47.93	-25.00	22.93	284	22	Horizontal
5	15462.54	41.57	-90.72	-49.15	-25.00	24.15	144	174	Horizontal
6	17858.5714	42.33	-84.18	-41.85	-25.00	16.85	185	186	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5154.18	49.74	-106.87	-57.13	-25.00	32.13	126	196	Vertical
2	7731.27	49.51	-99.40	-49.89	-25.00	24.89	262	326	Vertical
3	10308.36	43.48	-93.22	-49.74	-25.00	24.74	144	231	Vertical
4	12885.45	42.66	-90.66	-48.00	-25.00	23.00	149	207	Vertical
5	15462.54	41.39	-90.72	-49.33	-25.00	24.33	265	356	Vertical
6	17736.4286	42.62	-84.63	-42.01	-25.00	17.01	255	100	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

Test Band = SA Band 38_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5164.18	50.26	-106.86	-56.60	-25.00	31.60	263	199	Horizontal
2	7746.27	49.57	-99.27	-49.70	-25.00	24.70	241	1	Horizontal
3	10328.36	44.06	-93.13	-49.07	-25.00	24.07	178	115	Horizontal
4	12910.45	43.60	-90.62	-47.02	-25.00	22.02	265	327	Horizontal
5	15492.54	41.94	-90.85	-48.91	-25.00	23.91	284	327	Horizontal
6	17689.2857	43.66	-84.96	-41.30	-25.00	16.30	177	1	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5164.18	49.84	-106.86	-57.02	-25.00	32.02	263	7	Vertical
2	7746.27	48.55	-99.27	-50.72	-25.00	25.72	251	90	Vertical
3	10328.36	45.02	-93.13	-48.11	-25.00	23.11	147	114	Vertical
4	12910.45	43.06	-90.62	-47.56	-25.00	22.56	265	3	Vertical
5	15492.54	41.71	-90.85	-49.14	-25.00	24.14	145	209	Vertical
6	17845.7143	42.92	-84.20	-41.28	-25.00	16.28	268	173	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

Test Band = DC_5A-n38A_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.18	49.60	-106.89	-57.29	-25.00	32.29	163	341	Horizontal
2	7716.27	49.80	-99.54	-49.74	-25.00	24.74	254	176	Horizontal
3	10288.36	44.62	-93.24	-48.62	-25.00	23.62	175	165	Horizontal
4	12860.45	42.86	-90.75	-47.89	-25.00	22.89	263	105	Horizontal
5	15432.54	41.88	-90.59	-48.71	-25.00	23.71	284	253	Horizontal
6	17695.7143	46.34	-84.88	-38.54	-25.00	13.54	176	87	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.18	50.35	-106.89	-56.54	-25.00	31.54	142	96	Vertical
2	7716.27	49.42	-99.54	-50.12	-25.00	25.12	263	350	Vertical
3	10288.36	44.55	-93.24	-48.69	-25.00	23.69	251	357	Vertical
4	12860.45	44.17	-90.75	-46.58	-25.00	21.58	175	211	Vertical
5	15432.54	41.17	-90.59	-49.42	-25.00	24.42	284	226	Vertical
6	17877.8571	42.30	-84.15	-41.85	-25.00	16.85	199	357	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

Test Band = DC_5A-n38A_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5154.18	50.43	-106.87	-56.44	-25.00	31.44	145	6	Horizontal
2	7731.27	49.06	-99.40	-50.34	-25.00	25.34	163	1	Horizontal
3	10308.36	43.48	-93.22	-49.74	-25.00	24.74	254	12	Horizontal
4	12885.45	43.09	-90.66	-47.57	-25.00	22.57	178	357	Horizontal
5	15462.54	42.45	-90.72	-48.27	-25.00	23.27	264	331	Horizontal
6	17695.7143	46.47	-84.88	-38.41	-25.00	13.41	142	62	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5154.18	50.18	-106.87	-56.69	-25.00	31.69	142	321	Vertical
2	7731.27	49.05	-99.40	-50.35	-25.00	25.35	263	198	Vertical
3	10308.36	43.74	-93.22	-49.48	-25.00	24.48	285	296	Vertical
4	12885.45	43.84	-90.66	-46.82	-25.00	21.82	241	102	Vertical
5	15462.54	42.35	-90.72	-48.37	-25.00	23.37	175	312	Vertical
6	17914.2857	42.48	-84.12	-41.64	-25.00	16.64	266	1	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

Test Band = DC_5A-n38A_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5164.18	49.75	-106.86	-57.11	-25.00	32.11	142	244	Horizontal
2	7746.27	49.04	-99.27	-50.23	-25.00	25.23	263	0	Horizontal
3	10328.36	44.26	-93.13	-48.87	-25.00	23.87	284	192	Horizontal
4	12910.45	43.39	-90.62	-47.23	-25.00	22.23	176	166	Horizontal
5	15492.54	41.32	-90.85	-49.53	-25.00	24.53	251	123	Horizontal
6	17695.7143	46.48	-84.88	-38.40	-25.00	13.40	144	228	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5164.18	49.11	-106.86	-57.75	-25.00	32.75	263	357	Vertical
2	7746.27	48.77	-99.27	-50.50	-25.00	25.50	251	122	Vertical
3	10328.36	42.85	-93.13	-50.28	-25.00	25.28	263	59	Vertical
4	12910.45	43.17	-90.62	-47.45	-25.00	22.45	255	193	Vertical
5	15492.54	41.44	-90.85	-49.41	-25.00	24.41	144	148	Vertical
6	17850	42.30	-84.20	-41.90	-25.00	16.90	255	17	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

Test Band = NR UL CA n25A-n38A_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	48.59	-111.07	-62.48	-25.00	37.48	174	85	Horizontal
2	5144.18	51.02	-106.89	-55.87	-25.00	30.87	142	67	Horizontal
3	5553.27	50.00	-106.36	-56.36	-25.00	31.36	165	60	Horizontal
4	7404.36	48.78	-100.77	-51.99	-25.00	26.99	241	0	Horizontal
5	7716.27	49.53	-99.54	-50.01	-25.00	25.01	263	277	Horizontal
6	10288.36	44.58	-93.24	-48.66	-25.00	23.66	251	24	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	49.45	-111.07	-61.62	-25.00	36.62	142	339	Vertical
2	5144.18	50.28	-106.89	-56.61	-25.00	31.61	263	1	Vertical
3	5553.27	50.58	-106.36	-55.78	-25.00	30.78	284	36	Vertical
4	7404.36	48.49	-100.77	-52.28	-25.00	27.28	176	202	Vertical
5	7716.27	49.05	-99.54	-50.49	-25.00	25.49	241	82	Vertical
6	10288.36	44.48	-93.24	-48.76	-25.00	23.76	263	219	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

Test Band = NR UL CA n25A-n38A_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	742.18	42.14	-94.72	-52.58	-25.00	27.58	142	284	Horizontal
2	5154.18	50.19	-106.87	-56.68	-25.00	31.68	174	52	Horizontal
3	5613.27	49.95	-106.14	-56.19	-25.00	31.19	263	0	Horizontal
4	7484.36	49.05	-100.43	-51.38	-25.00	26.38	251	140	Horizontal
5	7731.27	48.86	-99.40	-50.54	-25.00	25.54	265	290	Horizontal
6	10308.36	44.18	-93.22	-49.04	-25.00	24.04	241	70	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	742.18	41.72	-94.72	-53.00	-25.00	28.00	142	49	Vertical
2	5154.18	49.74	-106.87	-57.13	-25.00	32.13	263	281	Vertical
3	5613.27	50.83	-106.14	-55.31	-25.00	30.31	284	148	Vertical
4	7484.36	47.89	-100.43	-52.54	-25.00	27.54	176	121	Vertical
5	7731.27	49.95	-99.40	-49.45	-25.00	24.45	254	237	Vertical
6	10308.36	43.78	-93.22	-49.44	-25.00	24.44	122	159	Vertical

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

Test Band = NR UL CA n25A-n38A_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3792.18	49.82	-110.61	-60.79	-25.00	35.79	174	331	Horizontal
2	5164.18	49.81	-106.86	-57.05	-25.00	32.05	142	146	Horizontal
3	5688.27	49.72	-105.81	-56.09	-25.00	31.09	163	105	Horizontal
4	7584.36	48.47	-99.90	-51.43	-25.00	26.43	241	69	Horizontal
5	7746.27	49.82	-99.27	-49.45	-25.00	24.45	263	306	Horizontal
6	10328.36	43.27	-93.13	-49.86	-25.00	24.86	254	340	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3792.18	49.69	-110.61	-60.92	-25.00	35.92	142	0	Vertical
2	5164.18	50.12	-106.86	-56.74	-25.00	31.74	263	17	Vertical
3	5688.27	51.17	-105.81	-54.64	-25.00	29.64	284	306	Vertical
4	7584.36	49.21	-99.90	-50.69	-25.00	25.69	176	173	Vertical
5	7746.27	49.48	-99.27	-49.79	-25.00	24.79	241	269	Vertical
6	10328.36	43.89	-93.13	-49.24	-25.00	24.24	152	96	Vertical

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

Test on the worst case:

Test Band = DC_5A-n38A_ TM1
Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.18	49.60	-44.23	32.60	-57.29	-25.00	32.29	163	341	Horizontal
2	7716.27	49.80	-41.21	36.93	-49.74	-25.00	24.74	254	176	Horizontal
3	10288.36	44.62	-36.80	38.82	-48.62	-25.00	23.62	175	150	Horizontal
4	12860.45	42.86	-34.95	39.46	-47.89	-25.00	22.89	263	105	Horizontal
5	15432.54	41.88	-33.97	38.64	-48.71	-25.00	23.71	284	253	Horizontal
6	17695.7143	46.34	-31.01	41.38	-38.54	-25.00	13.54	176	87	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.18	50.35	-44.23	32.60	-56.54	-25.00	31.54	142	96	Vertical
2	7716.27	49.42	-41.21	36.93	-50.12	-25.00	25.12	263	350	Vertical
3	10288.36	44.55	-36.80	38.82	-48.69	-25.00	23.69	251	357	Vertical
4	12860.45	44.17	-34.95	39.46	-46.58	-25.00	21.58	175	211	Vertical
5	15432.54	41.17	-33.97	38.64	-49.42	-25.00	24.42	284	226	Vertical
6	17877.8571	42.30	-31.00	42.11	-41.85	-25.00	16.85	199	357	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

Test Band = DC_5A-n38A_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5154.18	50.43	-44.21	32.60	-56.44	-25.00	31.44	145	6	Horizontal
2	7731.27	49.06	-41.11	36.96	-50.34	-25.00	25.34	163	1	Horizontal
3	10308.36	43.48	-36.80	38.84	-49.74	-25.00	24.74	254	12	Horizontal
4	12885.45	43.09	-34.89	39.49	-47.57	-25.00	22.57	178	357	Horizontal
5	15462.54	42.45	-34.06	38.60	-48.27	-25.00	23.27	264	331	Horizontal
6	17695.7143	46.47	-31.01	41.38	-38.41	-25.00	13.41	142	62	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5154.18	50.18	-44.21	32.60	-56.69	-25.00	31.69	142	321	Vertical
2	7731.27	49.05	-41.11	36.96	-50.35	-25.00	25.35	263	198	Vertical
3	10308.36	43.74	-36.80	38.84	-49.48	-25.00	24.48	285	296	Vertical
4	12885.45	43.84	-34.89	39.49	-46.82	-25.00	21.82	241	102	Vertical
5	15462.54	42.35	-34.06	38.60	-48.37	-25.00	23.37	175	312	Vertical
6	17914.2857	42.48	-31.11	42.26	-41.64	-25.00	16.64	266	1	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, Ruisheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Test Band = DC_5A-n38A_ TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5164.18	49.75	-44.20	32.60	-57.11	-25.00	32.11	142	244	Horizontal
2	7746.27	49.04	-41.00	36.99	-50.23	-25.00	25.23	263	0	Horizontal
3	10328.36	44.26	-36.73	38.86	-48.87	-25.00	23.87	284	192	Horizontal
4	12910.45	43.39	-34.87	39.51	-47.23	-25.00	22.23	176	166	Horizontal
5	15492.54	41.32	-34.15	38.56	-49.53	-25.00	24.53	251	123	Horizontal
6	17695.7143	46.48	-31.01	41.38	-38.40	-25.00	13.40	144	228	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5164.18	49.11	-44.20	32.60	-57.75	-25.00	32.75	263	357	Vertical
2	7746.27	48.77	-41.00	36.99	-50.50	-25.00	25.50	251	122	Vertical
3	10328.36	42.85	-36.73	38.86	-50.28	-25.00	25.28	263	59	Vertical
4	12910.45	43.17	-34.87	39.51	-47.45	-25.00	22.45	255	193	Vertical
5	15492.54	41.44	-34.15	38.56	-49.41	-25.00	24.41	144	148	Vertical
6	17850	42.30	-30.93	42.00	-41.90	-25.00	16.90	255	17	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

Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

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

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

Frequency Error VS. Temperature

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

---End of Attachment---

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com