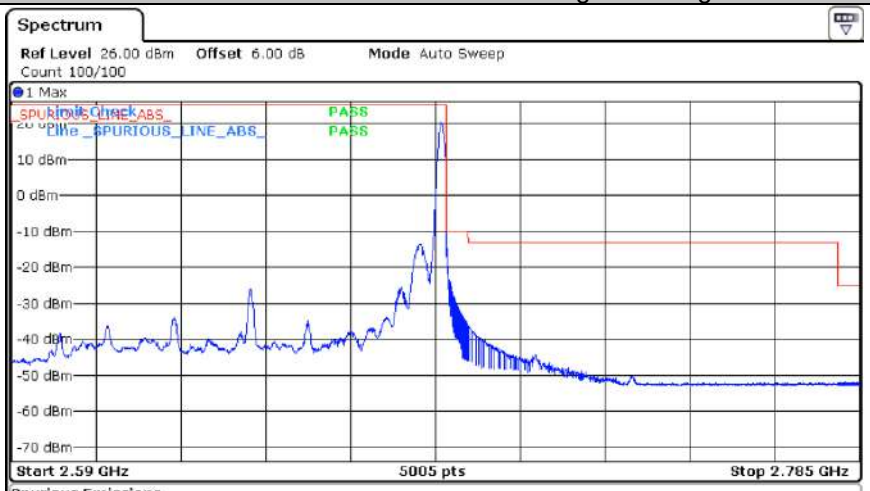
N41 30KHz TM1 90MHz 528996 Edge 1RB Right



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.590 GHz	2.690 GHz	1.000 MHz	2.68885 GHz	20.22 dBm	-4.78 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69000 GHz	-13.14 dBm	-3.14 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69100 GHz	-24.16 dBm	-14.16 dB
2.695 GHz	2.780 GHz	1.000 MHz	2.69513 GHz	-36.45 dBm	-23.45 dB
2.780 GHz	2.785 GHz	1.000 MHz	2.78162 GHz	-51.90 dBm	-26.90 dB

Measuring...

Date: 3.OCT.2020 15:18:52

N41 30KHz TM1 90MHz 528996 Outer Full

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.590 GHz	2.690 GHz	1.000 MHz	2.65099 GHz	3.09 dBm	-21.91 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69007 GHz	-33.53 dBm	-23.53 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69285 GHz	-33.68 dBm	-23.68 dB
2.695 GHz	2.780 GHz	1.000 MHz	2.69954 GHz	-35.29 dBm	-22.29 dB
2.780 GHz	2.785 GHz	1.000 MHz	2.78096 GHz	-52.00 dBm	-27.00 dB

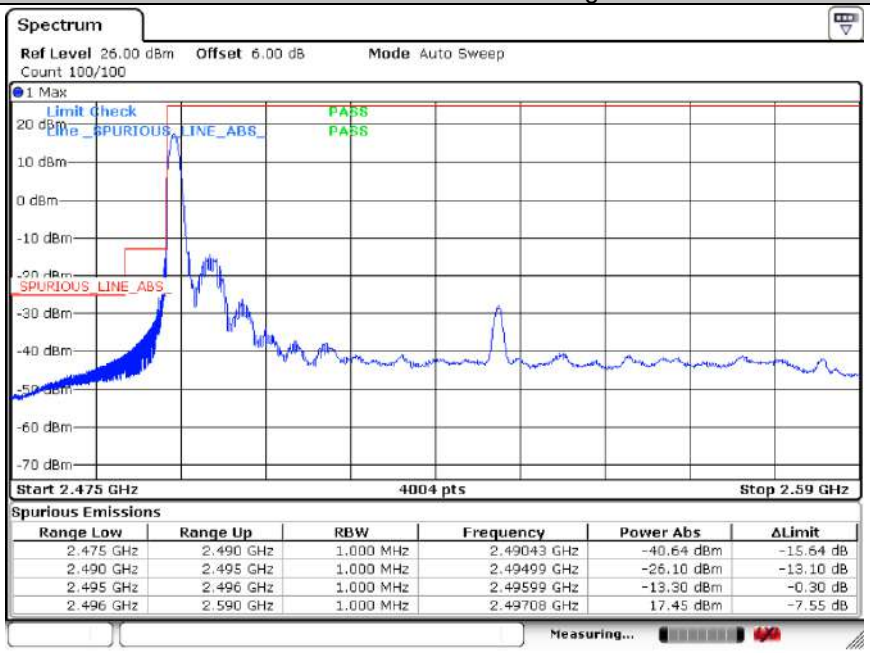
Measuring...

Date: 3.OCT.2020 15:16:27

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

N41 30KHz TM6 90MHz 508200 Edge 1RB Left

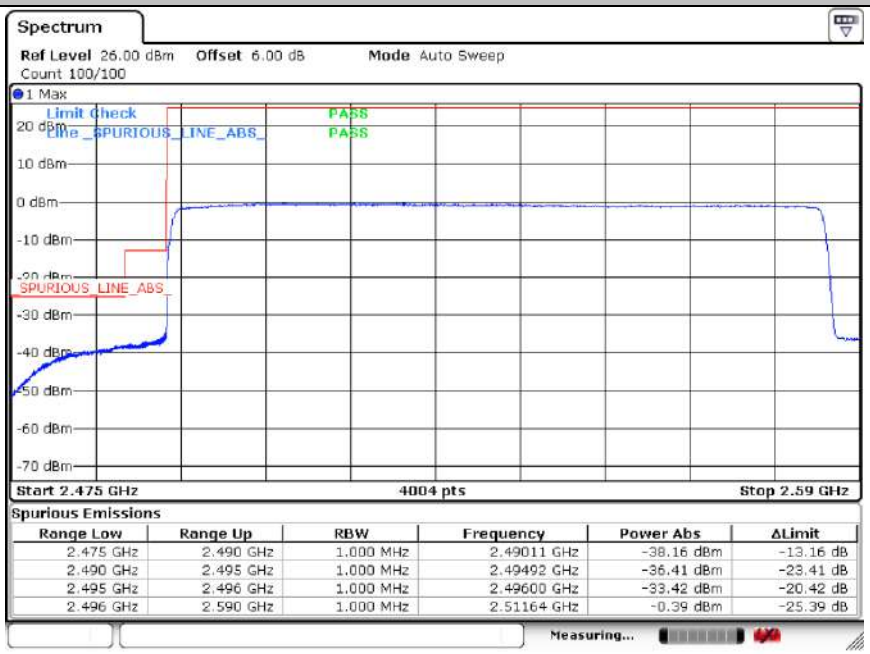


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49043 GHz	-40.64 dBm	-15.64 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49499 GHz	-26.10 dBm	-13.10 dB
2.495 GHz	2.496 GHz	1.000 MHz	2.49599 GHz	-13.30 dBm	-0.30 dB
2.496 GHz	2.590 GHz	1.000 MHz	2.49708 GHz	17.45 dBm	-7.55 dB

Date: 4.OCT.2020 11:08:30

N41 30KHz TM6 90MHz 508200 Outer Full



Spurious Emissions

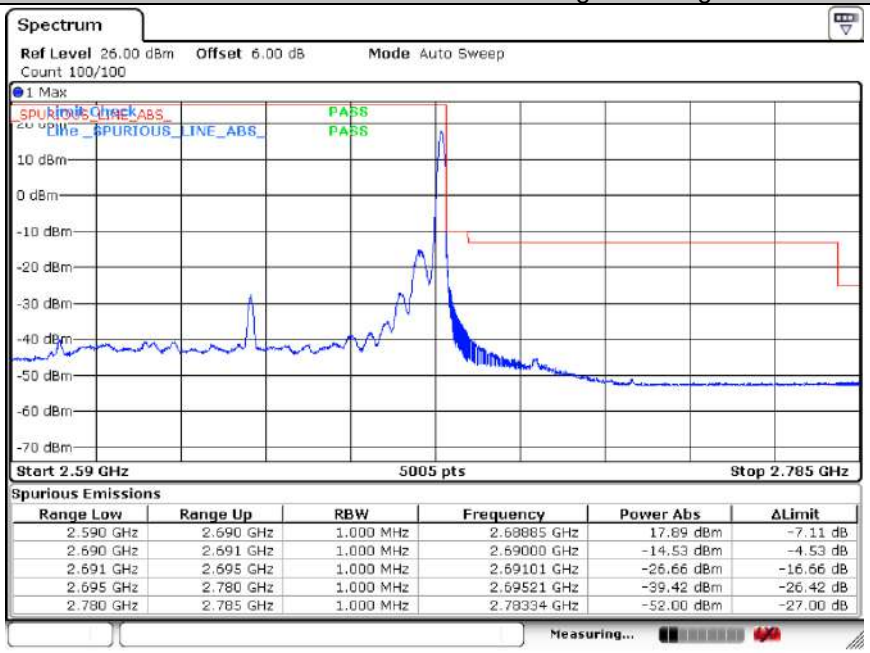
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49011 GHz	-38.16 dBm	-13.16 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49492 GHz	-36.41 dBm	-23.41 dB
2.495 GHz	2.496 GHz	1.000 MHz	2.49600 GHz	-33.42 dBm	-20.42 dB
2.496 GHz	2.590 GHz	1.000 MHz	2.51164 GHz	-0.39 dBm	-25.39 dB

Date: 4.OCT.2020 11:07:32

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

N41 30KHz TM6 90MHz 528996 Edge 1RB Right



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.590 GHz	2.690 GHz	1.000 MHz	2.68885 GHz	17.89 dBm	-7.11 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69000 GHz	-14.53 dBm	-4.53 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69101 GHz	-26.66 dBm	-16.66 dB
2.695 GHz	2.780 GHz	1.000 MHz	2.69521 GHz	-39.42 dBm	-26.42 dB
2.780 GHz	2.785 GHz	1.000 MHz	2.78334 GHz	-52.00 dBm	-27.00 dB

Date: 4.OCT.2020 09:25:05

N41 30KHz TM6 90MHz 528996 Outer Full

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.590 GHz	2.690 GHz	1.000 MHz	2.61093 GHz	-0.27 dBm	-25.27 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69001 GHz	-32.95 dBm	-22.95 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69174 GHz	-34.76 dBm	-24.76 dB
2.695 GHz	2.780 GHz	1.000 MHz	2.69581 GHz	-35.47 dBm	-22.47 dB
2.780 GHz	2.785 GHz	1.000 MHz	2.78412 GHz	-51.89 dBm	-26.89 dB

Date: 4.OCT.2020 09:21:09

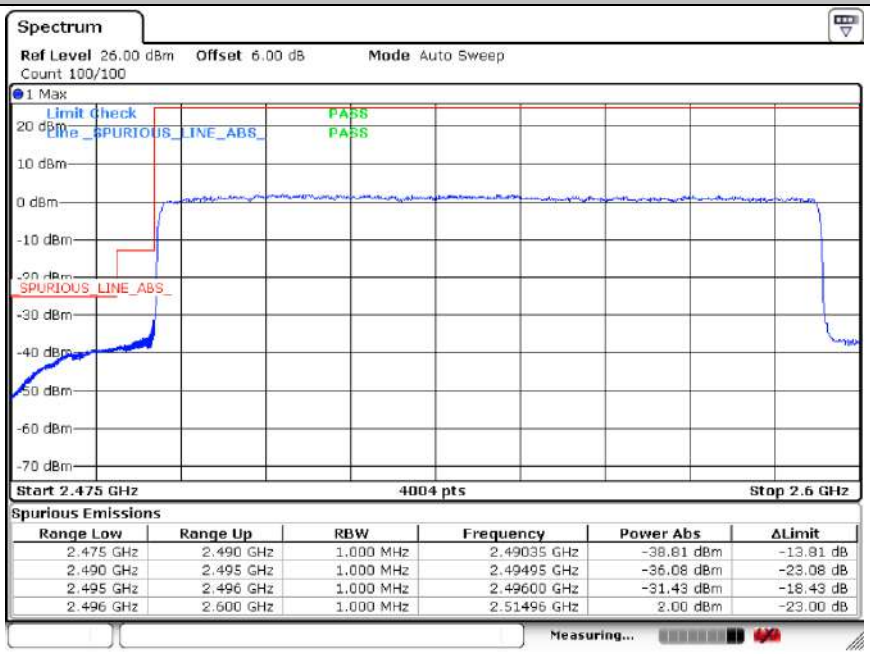
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

N41 30KHz TM1 100MHz 509202 Edge 1RB Left

Date: 17.OCT.2020 22:10:01

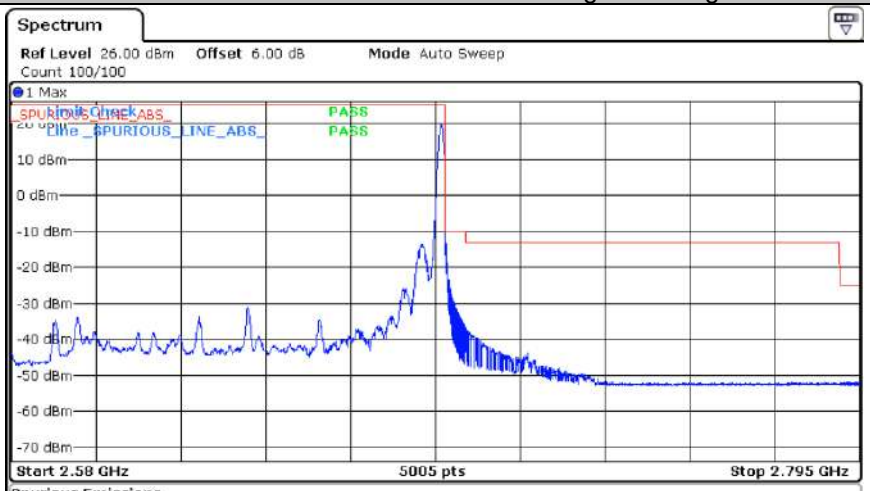
N41 30KHz TM1 100MHz 509202 Outer Full



Date: 3.OCT.2020 11:31:02

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
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

N41 30KHz TM1 100MHz 528000 Edge 1RB Right



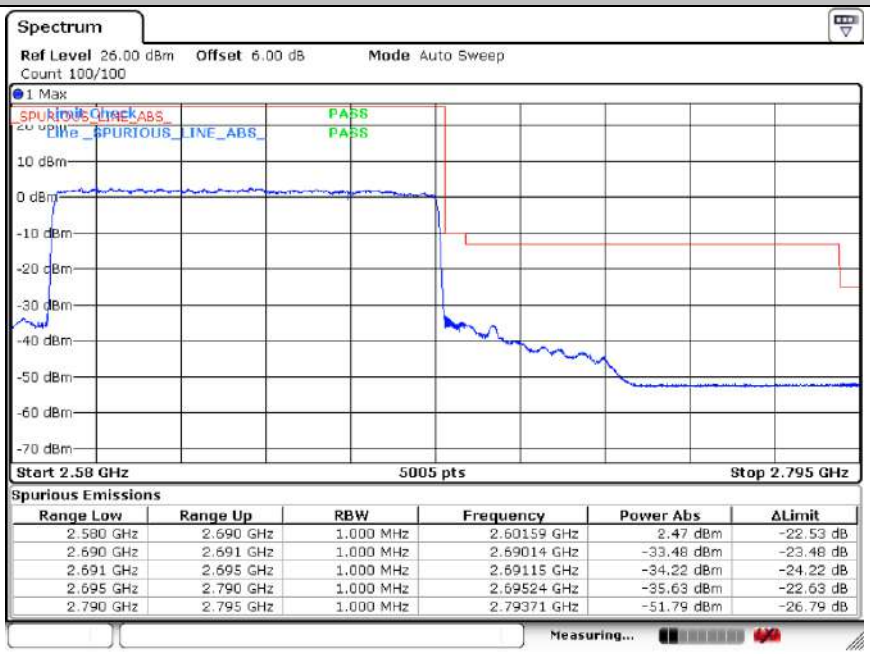
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.580 GHz	2.690 GHz	1.000 MHz	2.68896 GHz	19.60 dBm	-5.40 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69000 GHz	-11.44 dBm	-1.44 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69101 GHz	-23.44 dBm	-13.44 dB
2.695 GHz	2.790 GHz	1.000 MHz	2.69514 GHz	-36.70 dBm	-23.70 dB
2.790 GHz	2.795 GHz	1.000 MHz	2.79451 GHz	-51.87 dBm	-26.87 dB

Measuring...

Date: 17.OCT.2020 22:22:20

N41 30KHz TM1 100MHz 528000 Outer Full



Spurious Emissions

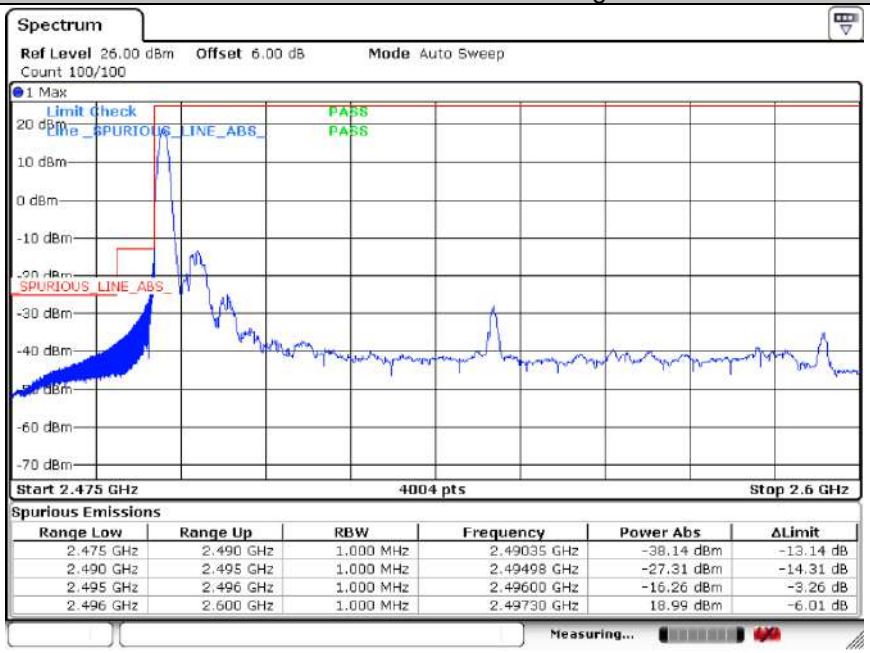
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.580 GHz	2.690 GHz	1.000 MHz	2.60159 GHz	2.47 dBm	-22.53 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69014 GHz	-33.48 dBm	-23.48 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69115 GHz	-34.22 dBm	-24.22 dB
2.695 GHz	2.790 GHz	1.000 MHz	2.69524 GHz	-35.63 dBm	-22.63 dB
2.790 GHz	2.795 GHz	1.000 MHz	2.79371 GHz	-51.79 dBm	-26.79 dB

Measuring...

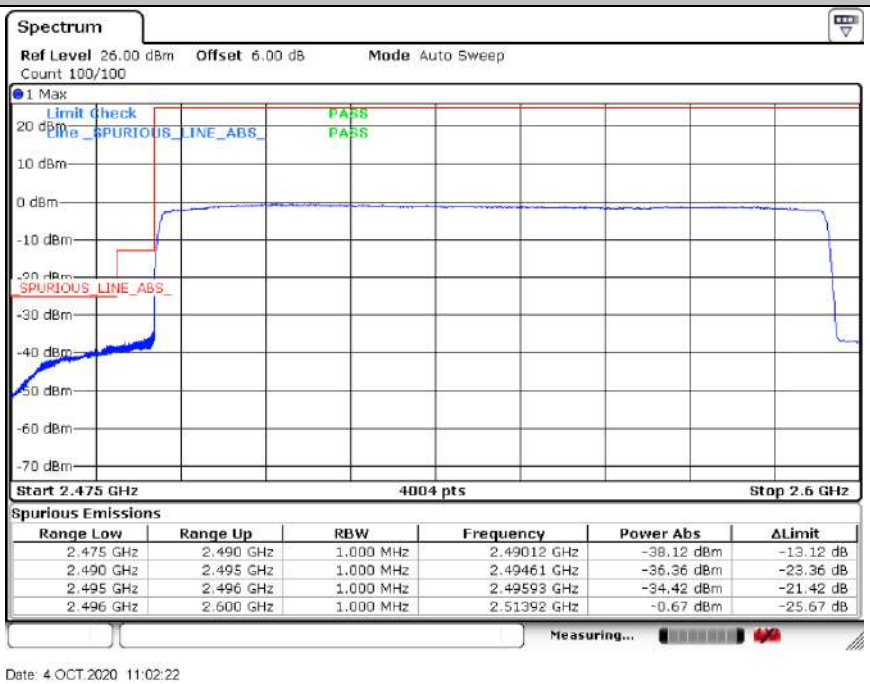
Date: 3.OCT.2020 15:06:14

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
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

N41 30KHz TM6 100MHz 509202 Edge 1RB Left

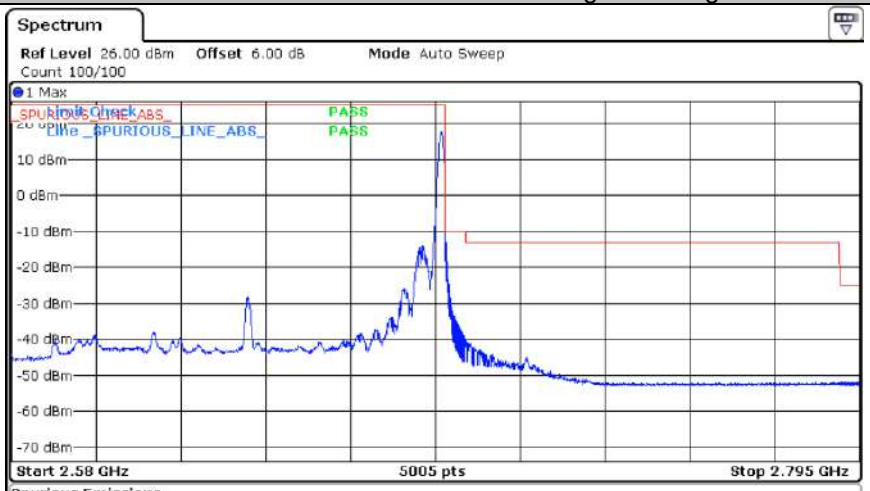


N41 30KHz TM6 100MHz 509202 Outer Full



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
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

N41 30KHz TM6 100MHz 528000 Edge 1RB Right



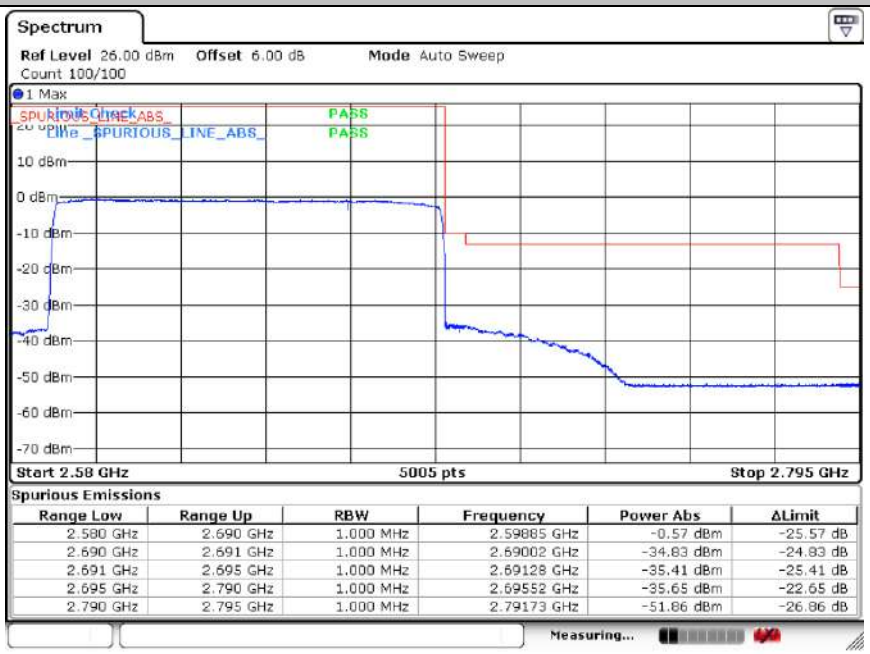
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.580 GHz	2.690 GHz	1.000 MHz	2.68896 GHz	17.72 dBm	-7.28 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69001 GHz	-11.50 dBm	-1.50 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69100 GHz	-24.63 dBm	-14.63 dB
2.695 GHz	2.790 GHz	1.000 MHz	2.69514 GHz	-39.97 dBm	-26.97 dB
2.790 GHz	2.795 GHz	1.000 MHz	2.79020 GHz	-51.87 dBm	-26.87 dB

Measuring...

Date: 4.OCT.2020 09:16:21

N41 30KHz TM6 100MHz 528000 Outer Full



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.580 GHz	2.690 GHz	1.000 MHz	2.59885 GHz	-0.57 dBm	-25.57 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69002 GHz	-34.83 dBm	-24.83 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69128 GHz	-35.41 dBm	-25.41 dB
2.695 GHz	2.790 GHz	1.000 MHz	2.69552 GHz	-35.65 dBm	-22.65 dB
2.790 GHz	2.795 GHz	1.000 MHz	2.79173 GHz	-51.86 dBm	-26.86 dB

Measuring...

Date: 4.OCT.2020 09:17:39

REMARK:

All antenna and all modulation had been tested, but only the worst case data displayed in this report

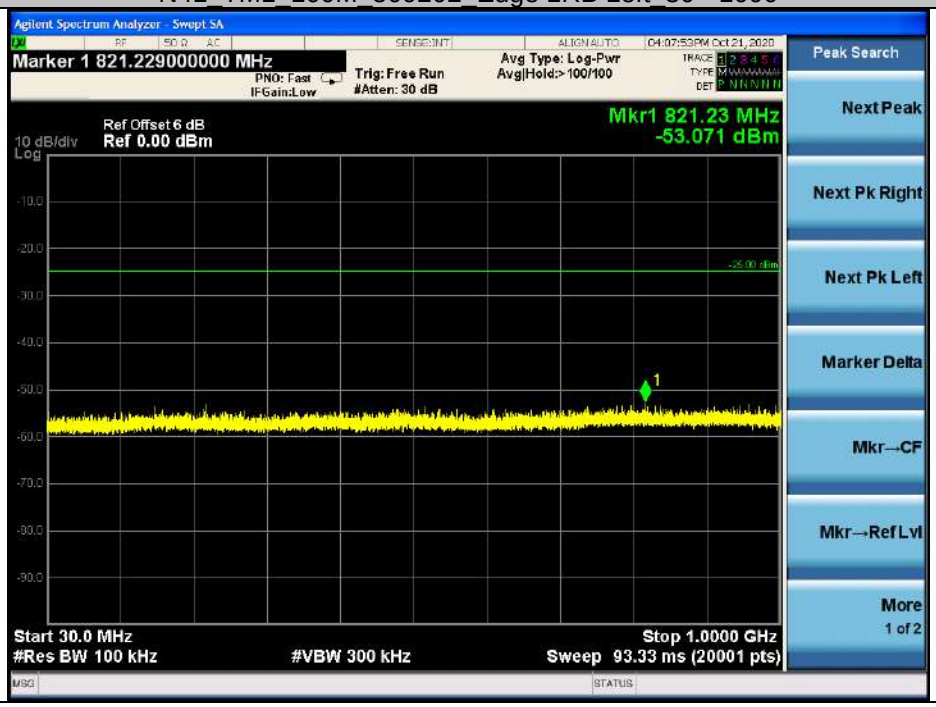
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

6 Spurious Emission at Antenna Terminal

REMARK: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrow Band signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

6.1 Test Plots

N41_TM1_100M_509202_Edge 1RB Left_30 - 1000

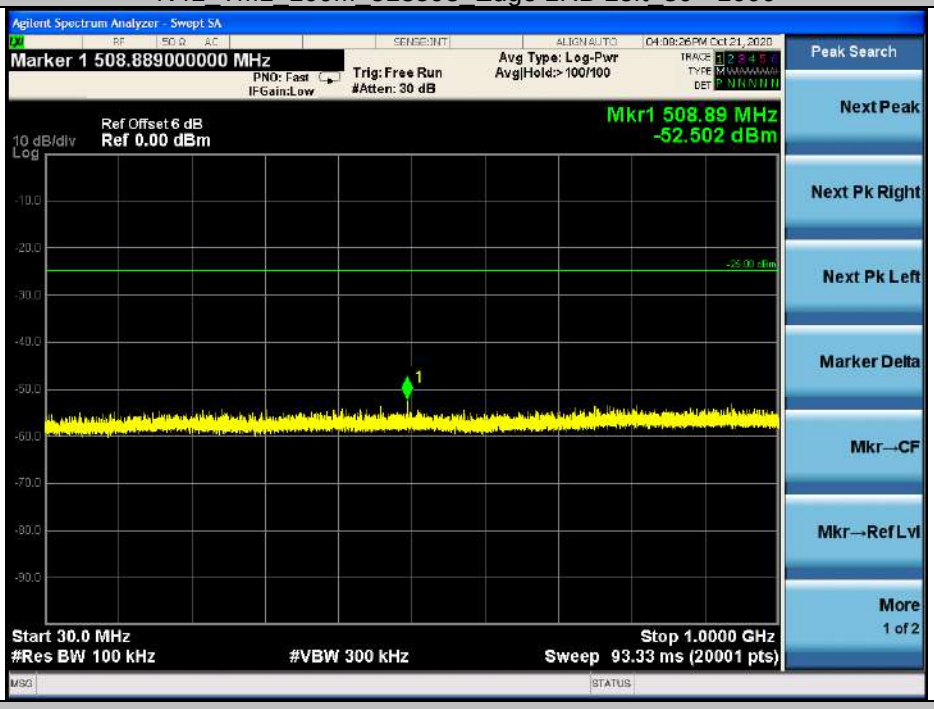


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

N41_TM1_100M_509202_Edge 1RB Left_10000- 26500

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
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

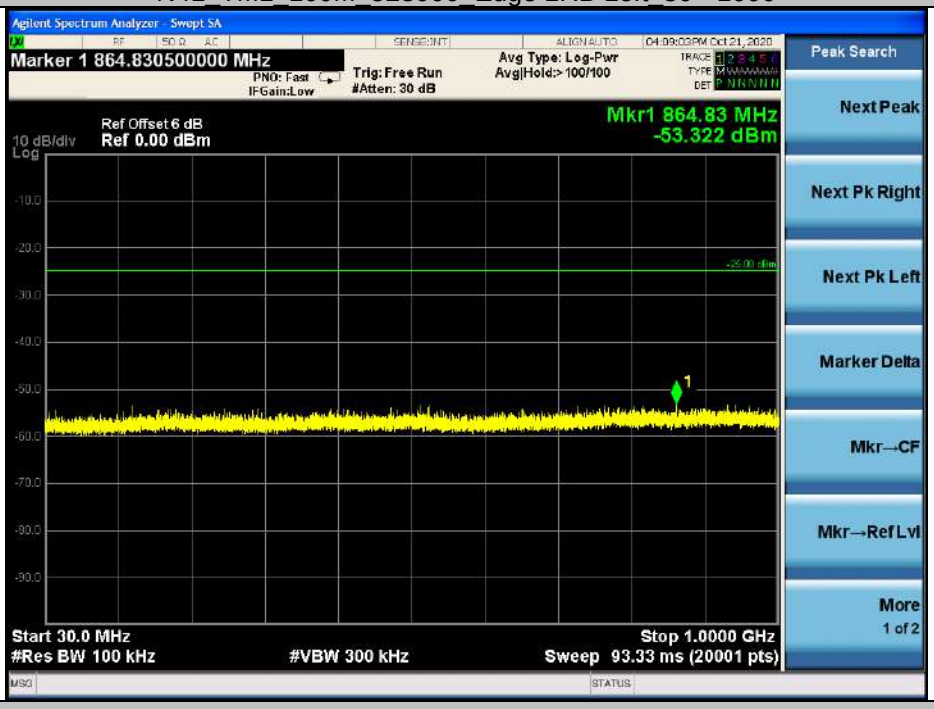
N41_TM1_100M_518598_Edge 1RB Left_30 - 1000



N41_TM1_100M_518598_Edge 1RB Left_1000 - 26500

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
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

N41_TM1_100M_528000_Edge 1RB Left_30 - 1000



N41_TM1_100M_528000_Edge 1RB Left_10000 - 26500

REMARK:
All antenna and all modulation had been tested, but only the worst case data displayed in this report

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
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

7 Field Strength of Spurious Radiation

7.1 Test Band = N41(ant0）

7.1.1 Test Mode = TM1

7.1.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
51.0016	-70.91	-25.00	45.91	Vertical
108.6224	-64.92	-25.00	39.92	Vertical
327.5624	-68.79	-25.00	43.79	Vertical
5042.0681	-61.58	-25.00	36.58	Vertical
7366.6456	-55.72	-25.00	30.72	Vertical
17999.0000	-39.78	-25.00	14.78	Vertical
44.4052	-63.87	-25.00	38.87	Horizontal
231.1881	-68.69	-25.00	43.69	Horizontal
609.0705	-63.89	-25.00	38.89	Horizontal
3621.5207	-60.21	-25.00	35.21	Horizontal
7381.6461	-55.99	-25.00	30.99	Horizontal
16398.4466	-43.21	-25.00	18.21	Horizontal

7.1.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
46.4908	-73.48	-25.00	48.48	Vertical
107.9919	-64.66	-25.00	39.66	Vertical
397.3089	-67.45	-25.00	42.45	Vertical
5148.5716	-61.34	-25.00	36.34	Vertical
7927.6643	-55.49	-25.00	30.49	Vertical
14462.8821	-47.54	-25.00	22.54	Vertical
42.9987	-64.31	-25.00	39.31	Horizontal
110.4655	-74.03	-25.00	49.03	Horizontal
238.5604	-68.44	-25.00	43.44	Horizontal
3925.5309	-61.74	-25.00	36.74	Horizontal
8023.6675	-55.64	-25.00	30.64	Horizontal
16396.4465	-42.79	-25.00	17.79	Horizontal

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

7.1.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
49.0130	-72.81	-25.00	47.81	Vertical
110.7565	-64.05	-25.00	39.05	Vertical
345.4598	-68.29	-25.00	43.29	Vertical
5038.5680	-61.64	-25.00	36.64	Vertical
9318.7106	-52.43	-25.00	27.43	Vertical
17999.5000	-38.39	-25.00	13.39	Vertical
38.1484	-64.52	-25.00	39.52	Horizontal
227.7444	-67.77	-25.00	42.77	Horizontal
596.0233	-64.38	-25.00	39.38	Horizontal
5160.0720	-61.04	-25.00	36.04	Horizontal
7458.1486	-55.81	-25.00	30.81	Horizontal
16395.4465	-43.26	-25.00	18.26	Horizontal

REMARK:
All antenna and all modulation had been tested, but only the worst case data displayed in this report

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
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Laboratory
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

8 Frequency Stability

8.1 Frequency Error VS. Voltage

NR Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage [Vdc]	Temperature(℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N41	30KHz	100MHz	TM1	509202	Outer Full	VL	NT	-10.43	-0.00410	±2.5	PASS
N41	30KHz	100MHz	TM1	509202	Outer Full	VN	NT	-16.55	-0.00650	±2.5	PASS
N41	30KHz	100MHz	TM1	509202	Outer Full	VH	NT	22.30	0.00876	±2.5	PASS
N41	30KHz	100MHz	TM1	518598	Outer Full	VL	NT	17.22	0.00664	±2.5	PASS
N41	30KHz	100MHz	TM1	518598	Outer Full	VN	NT	-24.66	-0.00951	±2.5	PASS
N41	30KHz	100MHz	TM1	518598	Outer Full	VH	NT	-11.90	-0.00459	±2.5	PASS
N41	30KHz	100MHz	TM1	528000	Outer Full	VL	NT	-15.39	-0.00583	±2.5	PASS
N41	30KHz	100MHz	TM1	528000	Outer Full	VN	NT	-11.42	-0.00433	±2.5	PASS
N41	30KHz	100MHz	TM1	528000	Outer Full	VH	NT	21.83	0.00827	±2.5	PASS
N41	30KHz	100MHz	TM2	509202	Outer Full	VL	NT	-21.37	-0.00839	±2.5	PASS
N41	30KHz	100MHz	TM2	509202	Outer Full	VN	NT	-18.74	-0.00736	±2.5	PASS
N41	30KHz	100MHz	TM2	509202	Outer Full	VH	NT	17.12	0.00672	±2.5	PASS
N41	30KHz	100MHz	TM2	518598	Outer Full	VL	NT	20.42	0.00788	±2.5	PASS
N41	30KHz	100MHz	TM2	518598	Outer Full	VN	NT	-5.65	-0.00218	±2.5	PASS
N41	30KHz	100MHz	TM2	518598	Outer Full	VH	NT	-3.99	-0.00154	±2.5	PASS
N41	30KHz	100MHz	TM2	528000	Outer Full	VL	NT	-2.91	-0.00110	±2.5	PASS
N41	30KHz	100MHz	TM2	528000	Outer Full	VN	NT	-13.26	-0.00502	±2.5	PASS
N41	30KHz	100MHz	TM2	528000	Outer Full	VH	NT	-16.45	-0.00623	±2.5	PASS

8.2 Frequency Error VS. Temperature

NR Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage [Vdc]	Temperature(℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N41	30KHz	100MHz	TM1	509202	Outer Full	VN	-30	-20.30	-0.008028	±2.5	PASS
N41	30KHz	100MHz	TM1	509202	Outer Full	VN	-20	-5.07	-0.004741	±2.5	PASS
N41	30KHz	100MHz	TM1	509202	Outer Full	VN	-10	11.23	0.005668	±2.5	PASS
N41	30KHz	100MHz	TM1	509202	Outer Full	VN	0	16.93	0.006367	±2.5	PASS
N41	30KHz	100MHz	TM1	509202	Outer Full	VN	10	15.51	0.006115	±2.5	PASS
N41	30KHz	100MHz	TM1	509202	Outer Full	VN	20	-5.55	-0.004537	±2.5	PASS
N41	30KHz	100MHz	TM1	509202	Outer Full	VN	30	-12.67	-0.009729	±2.5	PASS
N41	30KHz	100MHz	TM1	509202	Outer Full	VN	40	-22.33	-0.008040	±2.5	PASS
N41	30KHz	100MHz	TM1	509202	Outer Full	VN	50	7.09	0.007105	±2.5	PASS
N41	30KHz	100MHz	TM1	518598	Outer Full	VN	-30	12.93	0.004987	±2.5	PASS
N41	30KHz	100MHz	TM1	518598	Outer Full	VN	-20	-13.88	-0.005353	±2.5	PASS
N41	30KHz	100MHz	TM1	518598	Outer Full	VN	-10	4.91	0.002696	±2.5	PASS
N41	30KHz	100MHz	TM1	518598	Outer Full	VN	0	-5.62	-0.002098	±2.5	PASS
N41	30KHz	100MHz	TM1	518598	Outer Full	VN	10	20.21	0.009260	±2.5	PASS
N41	30KHz	100MHz	TM1	518598	Outer Full	VN	20	-13.63	0.004693	±2.5	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
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

N41	30KHz	100MHz	TM1	518598	Outer Full	VN	30	9.00	0.003567	±2.5	PASS
N41	30KHz	100MHz	TM1	518598	Outer Full	VN	40	-12.86	-0.004794	±2.5	PASS
N41	30KHz	100MHz	TM1	518598	Outer Full	VN	50	6.39	0.002464	±2.5	PASS
N41	30KHz	100MHz	TM1	528000	Outer Full	VN	-30	-14.74	-0.005583	±2.5	PASS
N41	30KHz	100MHz	TM1	528000	Outer Full	VN	-20	-14.61	-0.005174	±2.5	PASS
N41	30KHz	100MHz	TM1	528000	Outer Full	VN	-10	-15.55	0.004201	±2.5	PASS
N41	30KHz	100MHz	TM1	528000	Outer Full	VN	0	12.46	0.004795	±2.5	PASS
N41	30KHz	100MHz	TM1	528000	Outer Full	VN	10	6.27	0.002375	±2.5	PASS
N41	30KHz	100MHz	TM1	528000	Outer Full	VN	20	13.55	0.006981	±2.5	PASS
N41	30KHz	100MHz	TM1	528000	Outer Full	VN	30	-12.53	-0.004746	±2.5	PASS
N41	30KHz	100MHz	TM1	528000	Outer Full	VN	40	-13.16	-0.002712	±2.5	PASS
N41	30KHz	100MHz	TM1	528000	Outer Full	VN	50	17.07	0.006466	±2.5	PASS
N41	30KHz	100MHz	TM6	509202	Outer Full	VN	-30	13.08	0.005137	±2.5	PASS
N41	30KHz	100MHz	TM6	509202	Outer Full	VN	-20	-14.63	-0.005746	±2.5	PASS
N41	30KHz	100MHz	TM6	509202	Outer Full	VN	-10	21.98	0.008633	±2.5	PASS
N41	30KHz	100MHz	TM6	509202	Outer Full	VN	0	-12.59	-0.004945	±2.5	PASS
N41	30KHz	100MHz	TM6	509202	Outer Full	VN	10	-10.34	-0.004061	±2.5	PASS
N41	30KHz	100MHz	TM6	509202	Outer Full	VN	20	7.52	0.002954	±2.5	PASS
N41	30KHz	100MHz	TM6	509202	Outer Full	VN	30	14.22	0.005585	±2.5	PASS
N41	30KHz	100MHz	TM6	509202	Outer Full	VN	40	4.06	0.001595	±2.5	PASS
N41	30KHz	100MHz	TM6	509202	Outer Full	VN	50	-15.70	-0.006167	±2.5	PASS
N41	30KHz	100MHz	TM6	518598	Outer Full	VN	-30	9.83	0.003791	±2.5	PASS
N41	30KHz	100MHz	TM6	518598	Outer Full	VN	-20	-20.22	-0.007798	±2.5	PASS
N41	30KHz	100MHz	TM6	518598	Outer Full	VN	-10	-15.83	-0.006105	±2.5	PASS
N41	30KHz	100MHz	TM6	518598	Outer Full	VN	0	7.66	0.002954	±2.5	PASS
N41	30KHz	100MHz	TM6	518598	Outer Full	VN	10	-12.56	-0.004844	±2.5	PASS
N41	30KHz	100MHz	TM6	518598	Outer Full	VN	20	-9.95	-0.003837	±2.5	PASS
N41	30KHz	100MHz	TM6	518598	Outer Full	VN	30	-7.40	-0.002854	±2.5	PASS
N41	30KHz	100MHz	TM6	518598	Outer Full	VN	40	13.26	0.005114	±2.5	PASS
N41	30KHz	100MHz	TM6	518598	Outer Full	VN	50	-6.70	-0.002584	±2.5	PASS
N41	30KHz	100MHz	TM6	528000	Outer Full	VN	-30	8.62	0.003265	±2.5	PASS
N41	30KHz	100MHz	TM6	528000	Outer Full	VN	-20	4.74	0.001795	±2.5	PASS
N41	30KHz	100MHz	TM6	528000	Outer Full	VN	-10	8.44	0.003197	±2.5	PASS
N41	30KHz	100MHz	TM6	528000	Outer Full	VN	0	-12.75	-0.004830	±2.5	PASS
N41	30KHz	100MHz	TM6	528000	Outer Full	VN	10	-17.55	-0.006648	±2.5	PASS
N41	30KHz	100MHz	TM6	528000	Outer Full	VN	20	23.40	0.008864	±2.5	PASS
N41	30KHz	100MHz	TM6	528000	Outer Full	VN	30	-9.84	-0.003727	±2.5	PASS
N41	30KHz	100MHz	TM6	528000	Outer Full	VN	40	22.22	0.008417	±2.5	PASS
N41	30KHz	100MHz	TM6	528000	Outer Full	VN	50	-7.24	-0.002742	±2.5	PASS

REMARK:

All antenna and all modulation had been tested, but only the worst case data displayed in this report

The End

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com