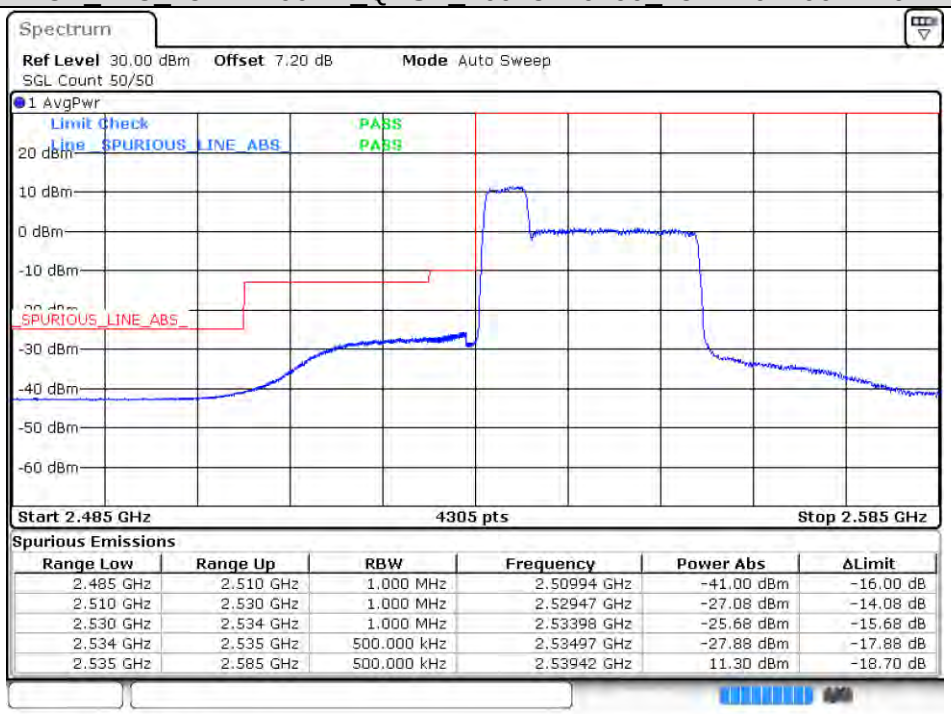
CA_41C_25RB+100RB_QPSK_40073+40190_25RB#0+100RB#0

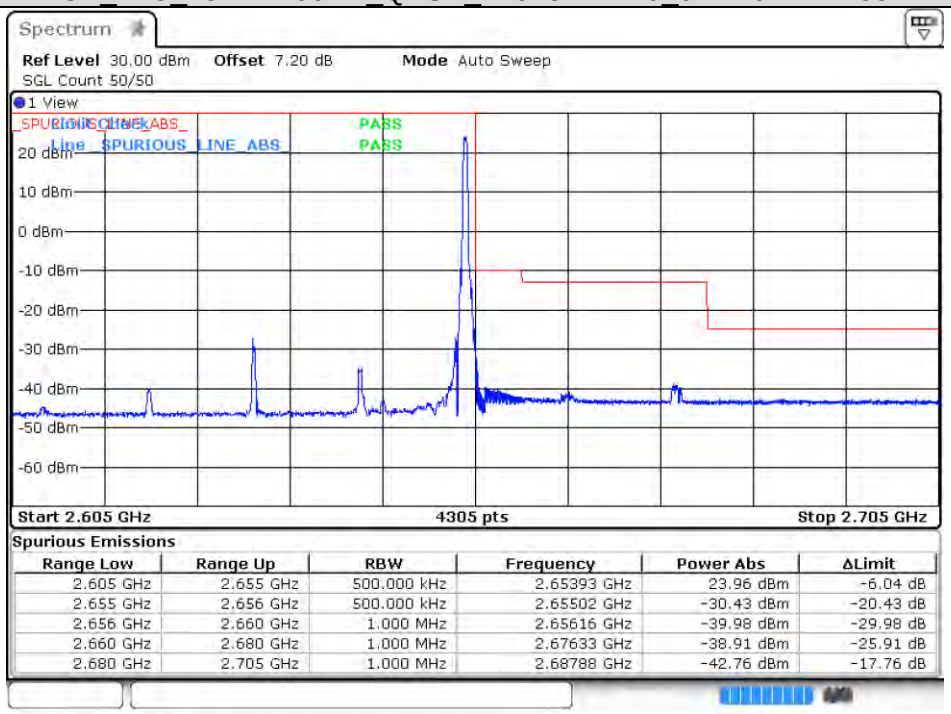


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.485 GHz	2.510 GHz	1.000 MHz	2.50994 GHz	-41.00 dBm	-16.00 dB
2.510 GHz	2.530 GHz	1.000 MHz	2.52947 GHz	-27.08 dBm	-14.08 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53398 GHz	-25.68 dBm	-15.68 dB
2.534 GHz	2.535 GHz	500.000 kHz	2.53497 GHz	-27.88 dBm	-17.88 dB
2.535 GHz	2.585 GHz	500.000 kHz	2.53942 GHz	11.30 dBm	-18.70 dB

Date: 7.DEC.2020 17:09:15

CA_41C_25RB+100RB_QPSK_41023+41140_0RB#0+1RB#99



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.655 GHz	500.000 kHz	2.65393 GHz	23.96 dBm	-6.04 dB
2.655 GHz	2.656 GHz	500.000 kHz	2.65502 GHz	-30.43 dBm	-20.43 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65616 GHz	-39.98 dBm	-29.98 dB
2.660 GHz	2.680 GHz	1.000 MHz	2.67633 GHz	-38.91 dBm	-25.91 dB
2.680 GHz	2.705 GHz	1.000 MHz	2.68788 GHz	-42.76 dBm	-17.76 dB

Date: 7.DEC.2020 17:46:52

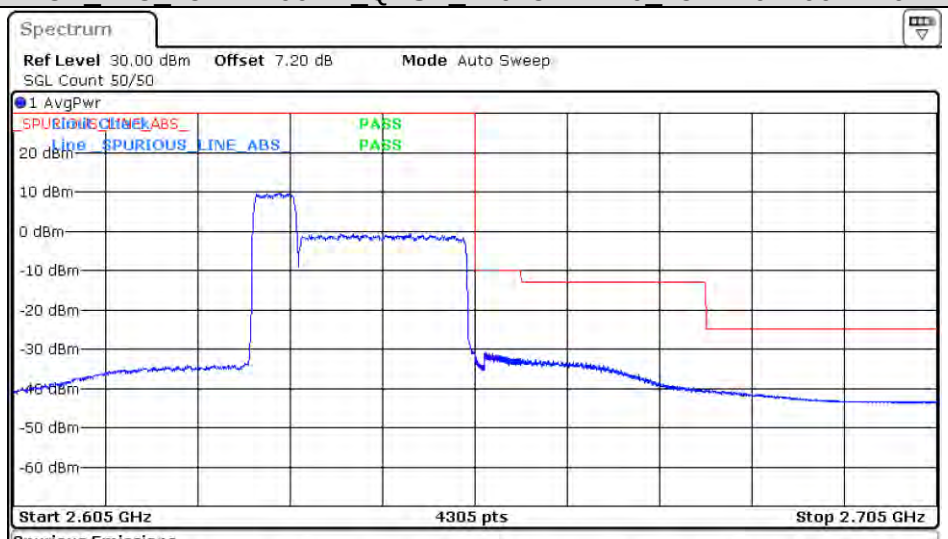
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

CA_41C_25RB+100RB_QPSK_41023+41140_25RB#0+100RB#0

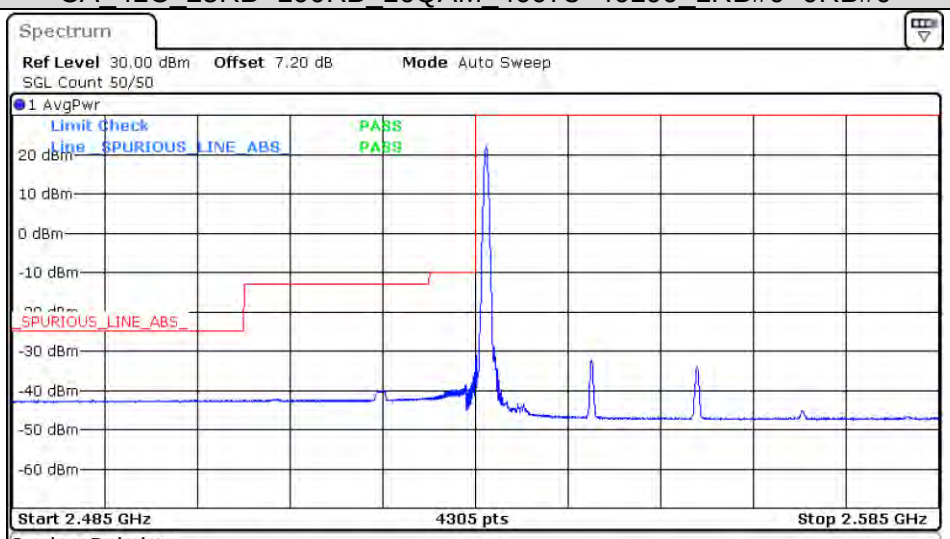


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.655 GHz	500.000 kHz	2.63380 GHz	9.75 dBm	-20.25 dB
2.655 GHz	2.656 GHz	500.000 kHz	2.65507 GHz	-32.12 dBm	-22.12 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65608 GHz	-30.98 dBm	-20.98 dB
2.660 GHz	2.680 GHz	1.000 MHz	2.66013 GHz	-32.68 dBm	-19.68 dB
2.680 GHz	2.705 GHz	1.000 MHz	2.68026 GHz	-40.38 dBm	-15.38 dB

Date: 7.DEC.2020 17:48:38

CA_41C_25RB+100RB_16QAM_40073+40190_1RB#0+0RB#0



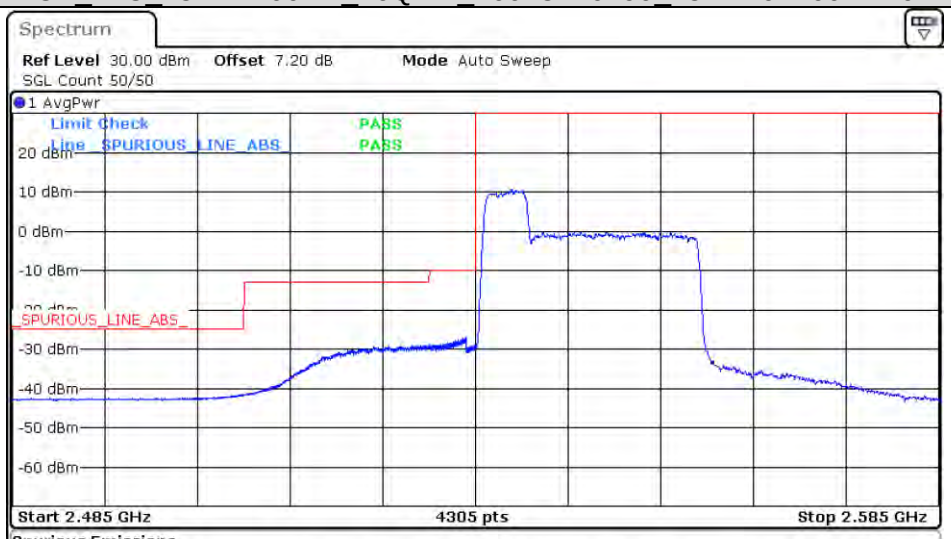
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.485 GHz	2.510 GHz	1.000 MHz	2.50367 GHz	-42.60 dBm	-17.60 dB
2.510 GHz	2.530 GHz	1.000 MHz	2.52501 GHz	-39.98 dBm	-26.98 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53393 GHz	-38.56 dBm	-28.56 dB
2.534 GHz	2.535 GHz	300.000 kHz	2.53496 GHz	-34.84 dBm	-24.84 dB
2.535 GHz	2.585 GHz	300.000 kHz	2.53617 GHz	22.03 dBm	-7.97 dB

Date: 7.DEC.2020 17:08:25

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)

CA_41C_25RB+100RB_16QAM_40073+40190_25RB#0+100RB#0

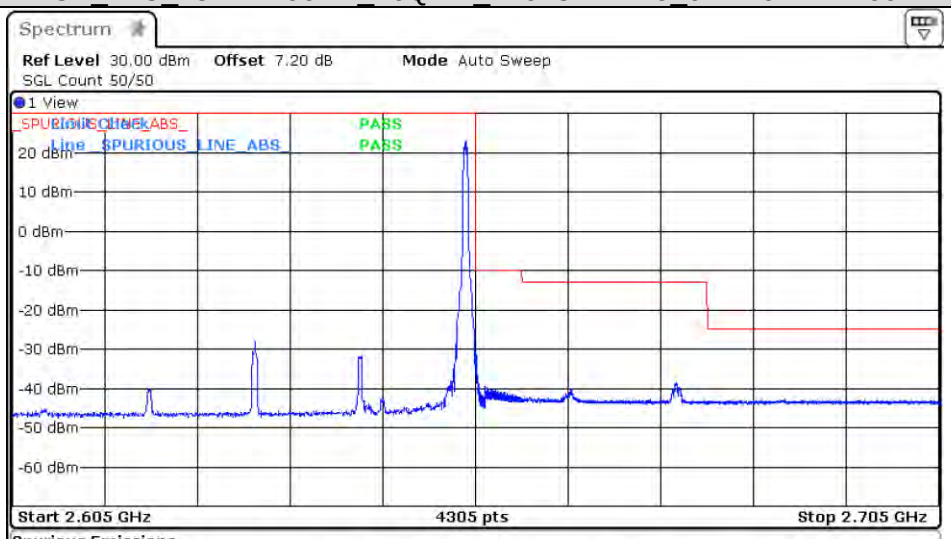


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.485 GHz	2.510 GHz	1.000 MHz	2.50984 GHz	-41.64 dBm	-16.64 dB
2.510 GHz	2.530 GHz	1.000 MHz	2.52951 GHz	-28.97 dBm	-15.97 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53399 GHz	-27.13 dBm	-17.13 dB
2.534 GHz	2.535 GHz	500.000 kHz	2.53491 GHz	-29.08 dBm	-19.08 dB
2.535 GHz	2.585 GHz	500.000 kHz	2.53882 GHz	10.62 dBm	-19.38 dB

Date: 7.DEC.2020 17:09:36

CA_41C_25RB+100RB_16QAM_41023+41140_0RB#0+1RB#99



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.655 GHz	500.000 kHz	2.65393 GHz	22.86 dBm	-7.14 dB
2.655 GHz	2.656 GHz	500.000 kHz	2.65502 GHz	-30.72 dBm	-20.72 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65604 GHz	-39.65 dBm	-29.65 dB
2.660 GHz	2.680 GHz	1.000 MHz	2.67659 GHz	-38.69 dBm	-25.69 dB
2.680 GHz	2.705 GHz	1.000 MHz	2.68838 GHz	-42.97 dBm	-17.97 dB

Date: 7.DEC.2020 17:55:01

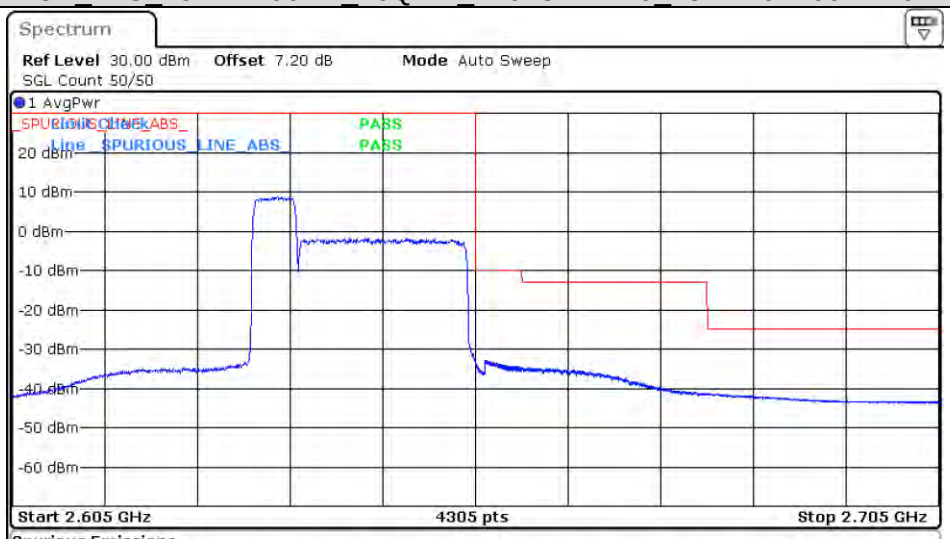
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

CA_41C_25RB+100RB_16QAM_41023+41140_25RB#0+100RB#0

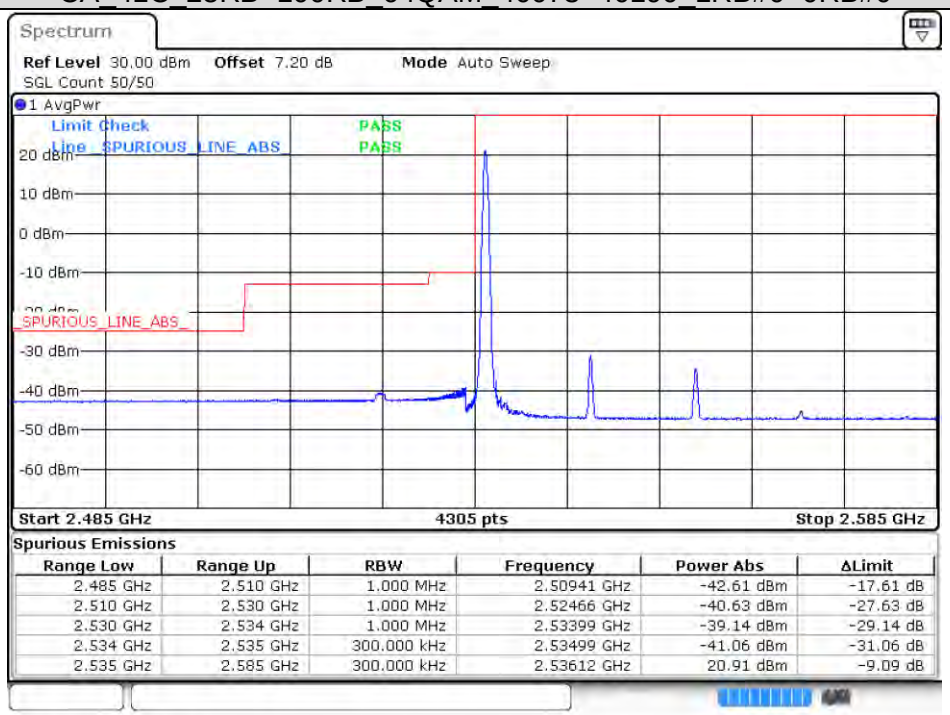


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.655 GHz	500.000 kHz	2.63365 GHz	8.84 dBm	-21.16 dB
2.655 GHz	2.656 GHz	500.000 kHz	2.65503 GHz	-33.64 dBm	-23.64 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65605 GHz	-32.90 dBm	-22.90 dB
2.660 GHz	2.680 GHz	1.000 MHz	2.66011 GHz	-34.83 dBm	-21.83 dB
2.680 GHz	2.705 GHz	1.000 MHz	2.68006 GHz	-41.30 dBm	-16.30 dB

Date: 7.DEC.2020 17:49:06

CA_41C_25RB+100RB_64QAM_40073+40190_1RB#0+0RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.485 GHz	2.510 GHz	1.000 MHz	2.50941 GHz	-42.61 dBm	-17.61 dB
2.510 GHz	2.530 GHz	1.000 MHz	2.52466 GHz	-40.63 dBm	-27.63 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53399 GHz	-39.14 dBm	-29.14 dB
2.534 GHz	2.535 GHz	300.000 kHz	2.53499 GHz	-41.06 dBm	-31.06 dB
2.535 GHz	2.585 GHz	300.000 kHz	2.53612 GHz	20.91 dBm	-9.09 dB

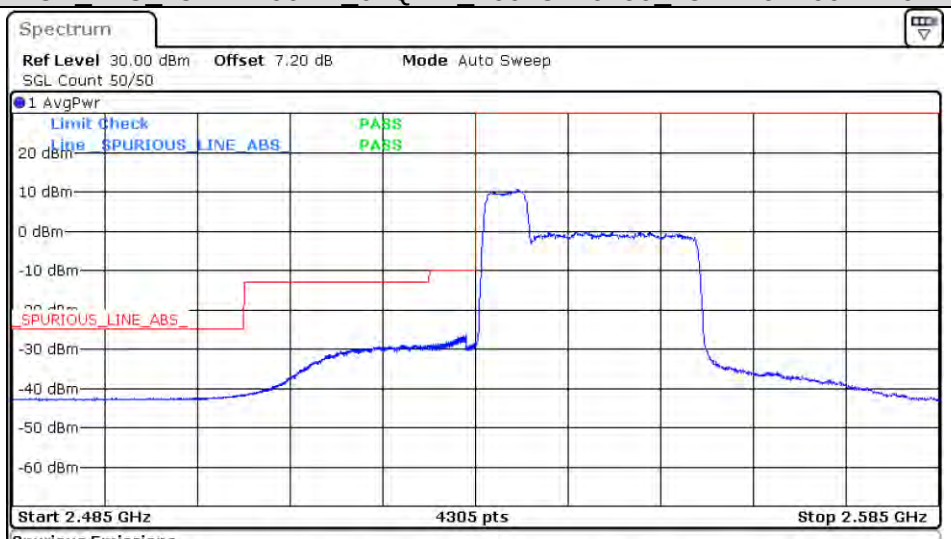
Date: 7.DEC.2020 17:08:46

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)

CA_41C_25RB+100RB_64QAM_40073+40190_25RB#0+100RB#0

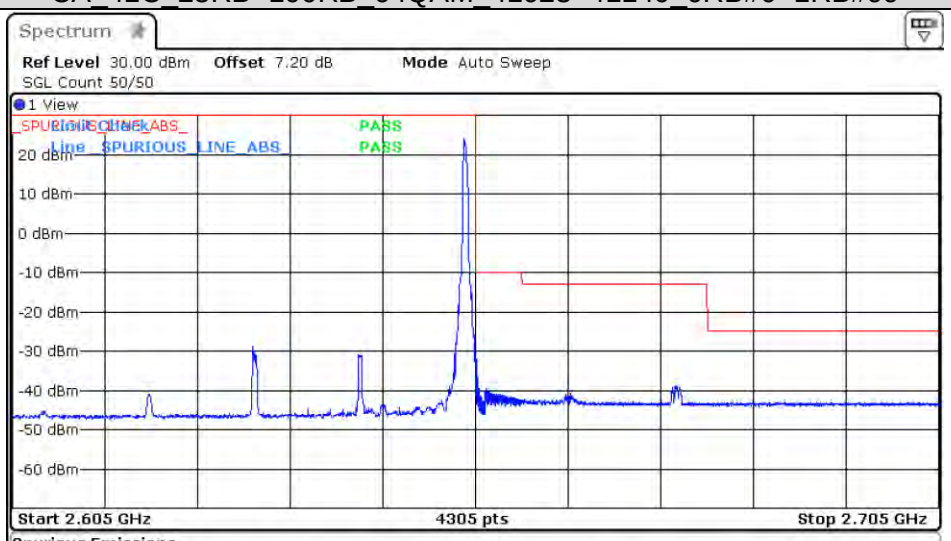


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.485 GHz	2.510 GHz	1.000 MHz	2.50981 GHz	-41.60 dBm	-16.60 dB
2.510 GHz	2.530 GHz	1.000 MHz	2.52975 GHz	-29.08 dBm	-16.08 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53398 GHz	-26.54 dBm	-16.54 dB
2.534 GHz	2.535 GHz	500.000 kHz	2.53498 GHz	-28.32 dBm	-18.32 dB
2.535 GHz	2.585 GHz	500.000 kHz	2.53957 GHz	10.48 dBm	-19.52 dB

Date: 7.DEC.2020 17:09:56

CA_41C_25RB+100RB_64QAM_41023+41140_0RB#0+1RB#99



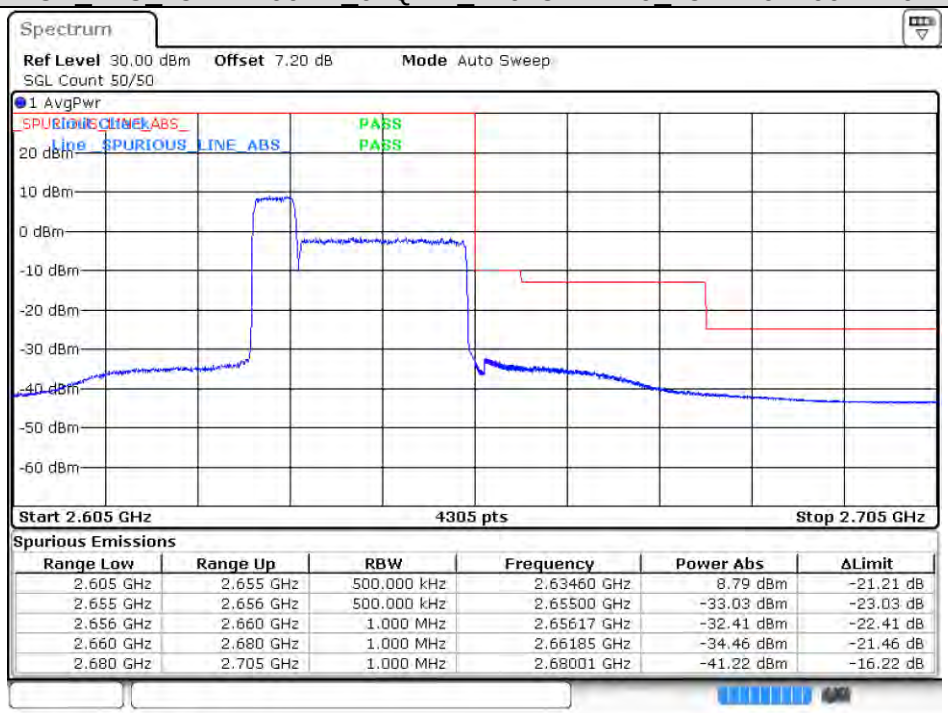
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.655 GHz	500.000 kHz	2.65378 GHz	23.90 dBm	-6.10 dB
2.655 GHz	2.656 GHz	500.000 kHz	2.65502 GHz	-30.97 dBm	-20.97 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65614 GHz	-39.68 dBm	-29.68 dB
2.660 GHz	2.680 GHz	1.000 MHz	2.67663 GHz	-38.96 dBm	-25.96 dB
2.680 GHz	2.705 GHz	1.000 MHz	2.68835 GHz	-42.99 dBm	-17.99 dB

Date: 7.DEC.2020 17:48:02

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
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)

CA_41C_25RB+100RB_64QAM_41023+41140_25RB#0+100RB#0

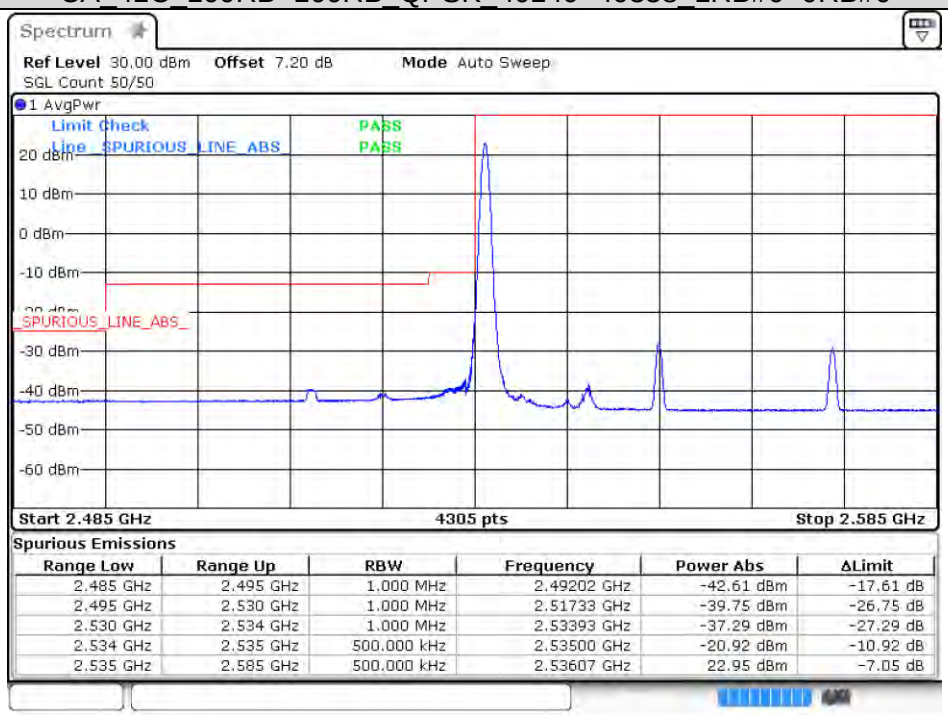


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.655 GHz	500.000 kHz	2.63460 GHz	8.79 dBm	-21.21 dB
2.655 GHz	2.656 GHz	500.000 kHz	2.65500 GHz	-33.03 dBm	-23.03 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65617 GHz	-32.41 dBm	-22.41 dB
2.660 GHz	2.680 GHz	1.000 MHz	2.66185 GHz	-34.46 dBm	-21.46 dB
2.680 GHz	2.705 GHz	1.000 MHz	2.68001 GHz	-41.22 dBm	-16.22 dB

Date: 7.DEC.2020 17:49:35

CA_41C_100RB+100RB_QPSK_40140+40338_1RB#0+0RB#0



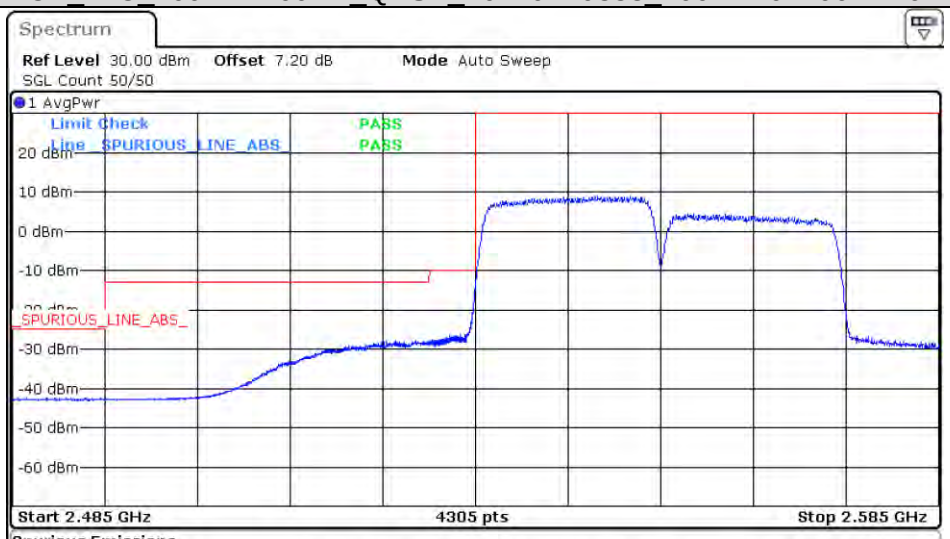
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.485 GHz	2.495 GHz	1.000 MHz	2.49202 GHz	-42.61 dBm	-17.61 dB
2.495 GHz	2.530 GHz	1.000 MHz	2.51733 GHz	-39.75 dBm	-26.75 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53393 GHz	-37.29 dBm	-27.29 dB
2.534 GHz	2.535 GHz	500.000 kHz	2.53500 GHz	-20.92 dBm	-10.92 dB
2.535 GHz	2.585 GHz	500.000 kHz	2.53607 GHz	22.95 dBm	-7.05 dB

Date: 7.DEC.2020 17:50:23

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)

CA_41C_100RB+100RB_QPSK_40140+40338_100RB#0+100RB#0

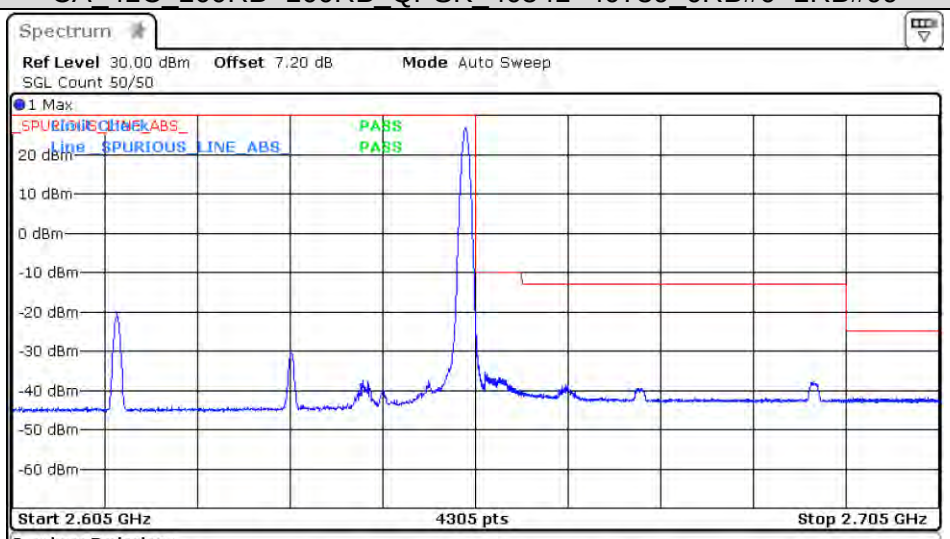


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.485 GHz	2.495 GHz	1.000 MHz	2.49082 GHz	-42.64 dBm	-17.64 dB
2.495 GHz	2.530 GHz	1.000 MHz	2.52645 GHz	-27.77 dBm	-14.77 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53390 GHz	-26.29 dBm	-16.29 dB
2.534 GHz	2.535 GHz	1.000 MHz	2.53500 GHz	-13.43 dBm	-3.43 dB
2.535 GHz	2.585 GHz	1.000 MHz	2.54791 GHz	8.74 dBm	-21.26 dB

Date: 7.DEC.2020 17:55:32

CA_41C_100RB+100RB_QPSK_40541+40739_0RB#0+1RB#99



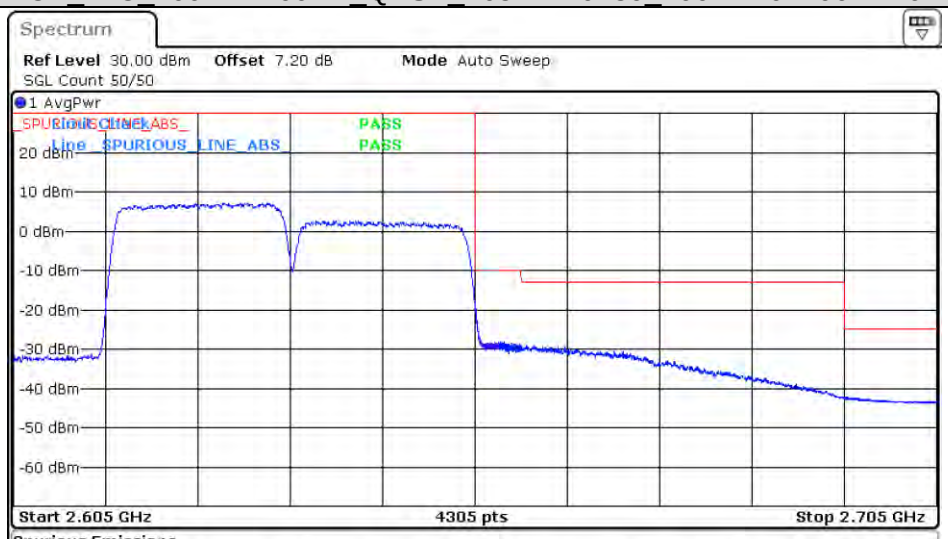
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.655 GHz	500.000 kHz	2.65393 GHz	26.69 dBm	-3.31 dB
2.655 GHz	2.656 GHz	500.000 kHz	2.65500 GHz	-22.15 dBm	-12.15 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65604 GHz	-35.40 dBm	-25.40 dB
2.660 GHz	2.695 GHz	1.000 MHz	2.69145 GHz	-37.68 dBm	-24.68 dB
2.695 GHz	2.705 GHz	1.000 MHz	2.70388 GHz	-42.00 dBm	-17.00 dB

Date: 7.DEC.2020 18:09:07

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)

CA_41C_100RB+100RB_QPSK_40541+40739_100RB#0+100RB#0

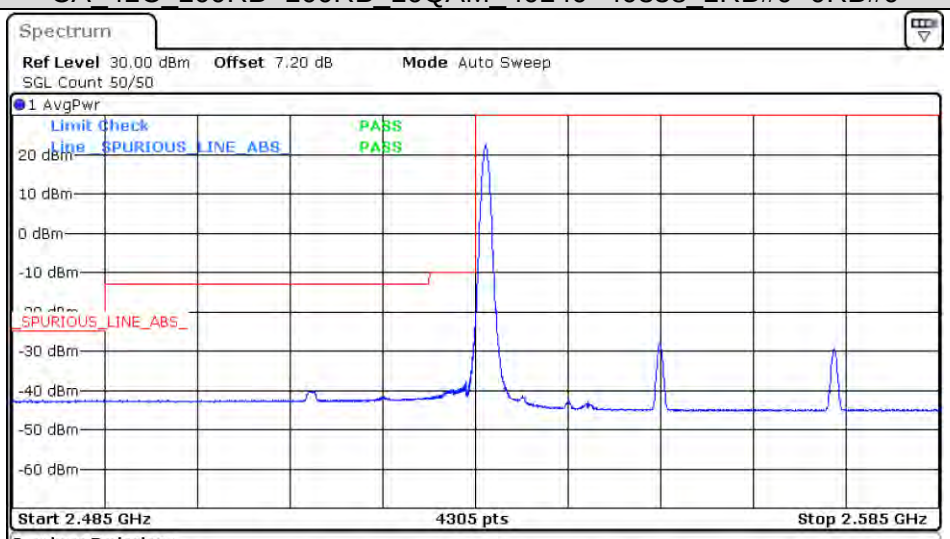


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.655 GHz	1.000 MHz	2.63195 GHz	7.12 dBm	-22.88 dB
2.655 GHz	2.656 GHz	1.000 MHz	2.65500 GHz	-18.48 dBm	-8.48 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65818 GHz	-28.19 dBm	-18.19 dB
2.660 GHz	2.695 GHz	1.000 MHz	2.66054 GHz	-29.12 dBm	-16.12 dB
2.695 GHz	2.705 GHz	1.000 MHz	2.69517 GHz	-42.25 dBm	-17.25 dB

Date: 7.DEC.2020 18:10:46

CA_41C_100RB+100RB_16QAM_40140+40338_1RB#0+0RB#0



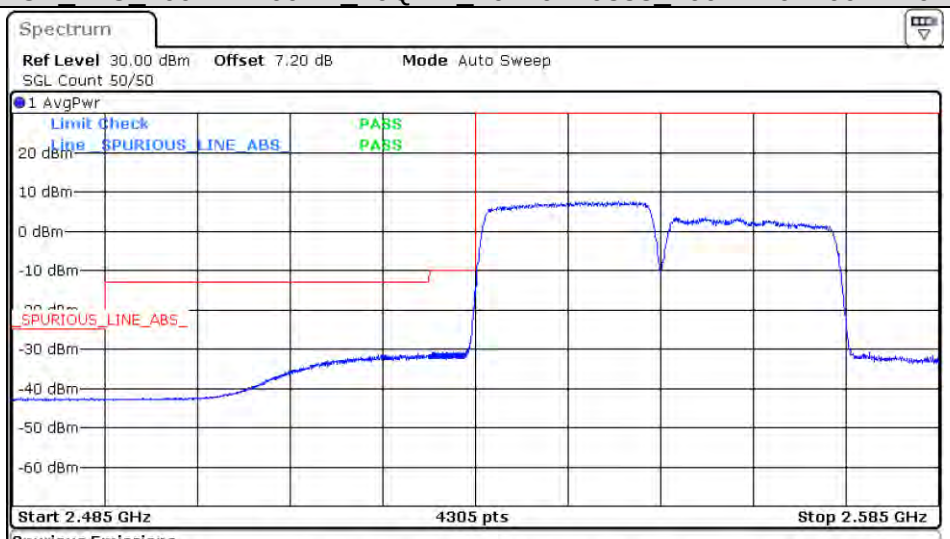
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.485 GHz	2.495 GHz	1.000 MHz	2.49488 GHz	-42.57 dBm	-17.57 dB
2.495 GHz	2.530 GHz	1.000 MHz	2.51753 GHz	-40.29 dBm	-27.29 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53397 GHz	-37.76 dBm	-27.76 dB
2.534 GHz	2.535 GHz	500.000 kHz	2.53500 GHz	-21.34 dBm	-11.34 dB
2.535 GHz	2.585 GHz	500.000 kHz	2.53612 GHz	22.39 dBm	-7.61 dB

Date: 7.DEC.2020 17:50:44

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)

CA_41C_100RB+100RB_16QAM_40140+40338_100RB#0+100RB#0

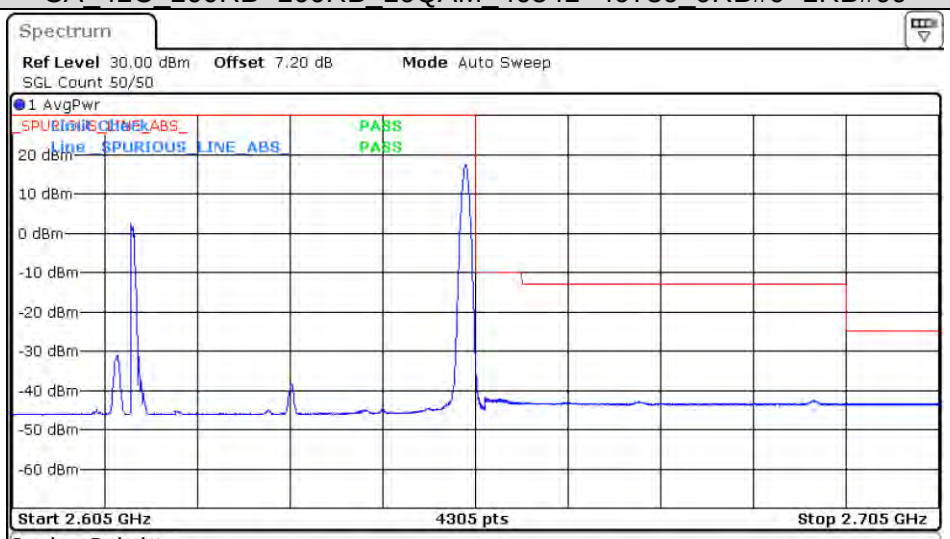


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.485 GHz	2.495 GHz	1.000 MHz	2.49114 GHz	-42.66 dBm	-17.66 dB
2.495 GHz	2.530 GHz	1.000 MHz	2.52879 GHz	-31.27 dBm	-18.27 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53396 GHz	-30.70 dBm	-20.70 dB
2.534 GHz	2.535 GHz	1.000 MHz	2.53498 GHz	-14.05 dBm	-4.05 dB
2.535 GHz	2.585 GHz	1.000 MHz	2.55041 GHz	7.52 dBm	-22.48 dB

Date: 7.DEC.2020 17:55:52

CA_41C_100RB+100RB_16QAM_40541+40739_0RB#0+1RB#99



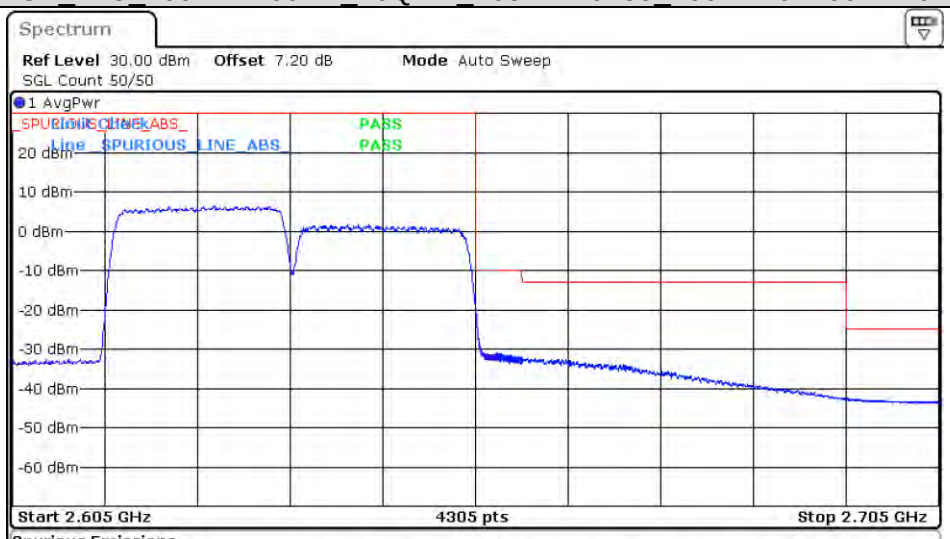
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.655 GHz	500.000 kHz	2.65393 GHz	17.39 dBm	-12.61 dB
2.655 GHz	2.656 GHz	500.000 kHz	2.65501 GHz	-32.96 dBm	-22.96 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65603 GHz	-41.97 dBm	-31.97 dB
2.660 GHz	2.695 GHz	1.000 MHz	2.69152 GHz	-42.51 dBm	-29.51 dB
2.695 GHz	2.705 GHz	1.000 MHz	2.70432 GHz	-43.39 dBm	-18.39 dB

Date: 7.DEC.2020 18:09:36

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)

CA_41C_100RB+100RB_16QAM_40541+40739_100RB#0+100RB#0

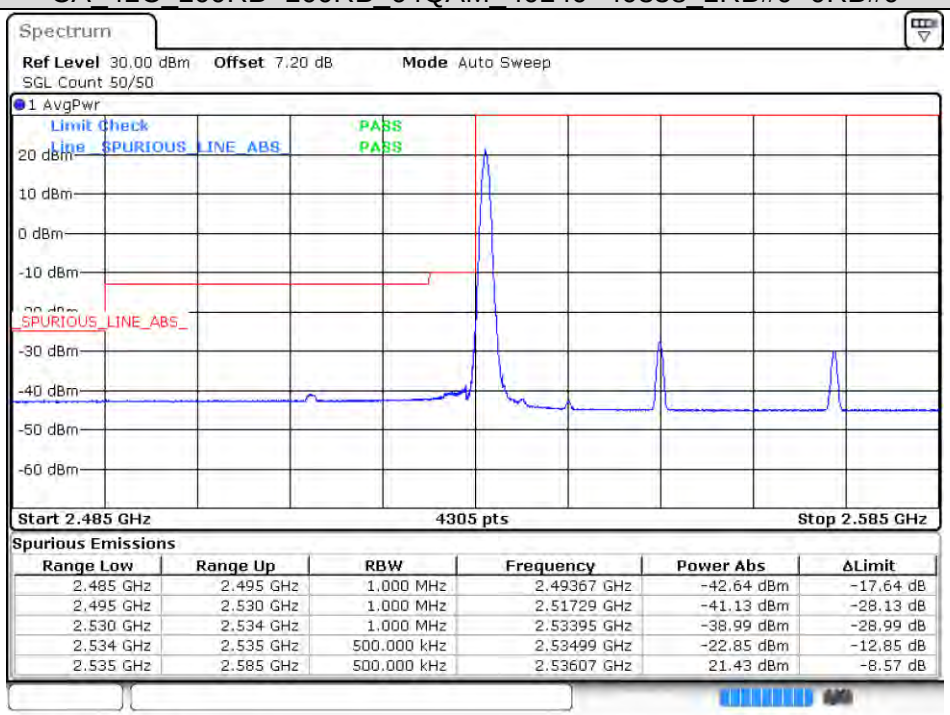


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.655 GHz	1.000 MHz	2.62680 GHz	6.38 dBm	-23.62 dB
2.655 GHz	2.656 GHz	1.000 MHz	2.65502 GHz	-19.92 dBm	-9.92 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65730 GHz	-31.01 dBm	-21.01 dB
2.660 GHz	2.695 GHz	1.000 MHz	2.66051 GHz	-32.29 dBm	-19.29 dB
2.695 GHz	2.705 GHz	1.000 MHz	2.69516 GHz	-42.64 dBm	-17.64 dB

Date: 7.DEC.2020 18:11:15

CA_41C_100RB+100RB_64QAM_40140+40338_1RB#0+0RB#0



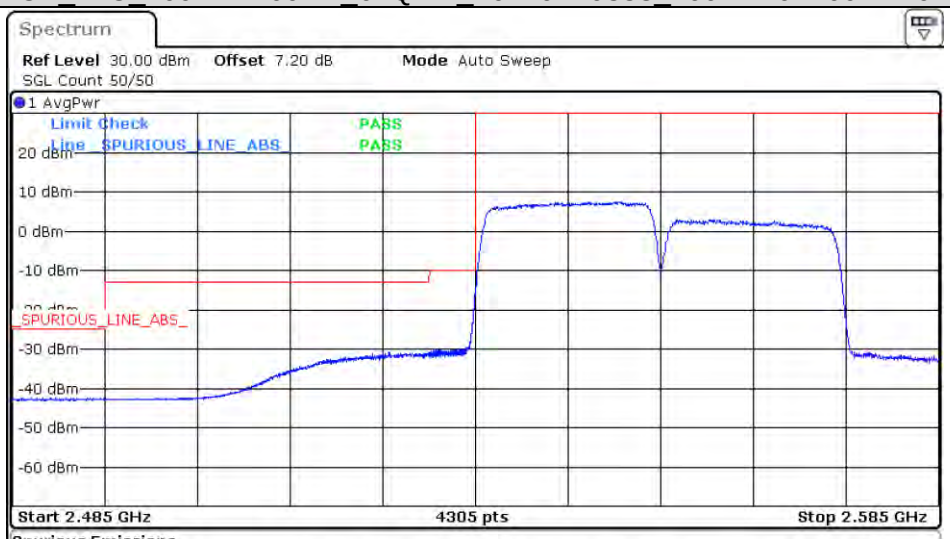
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.485 GHz	2.495 GHz	1.000 MHz	2.49367 GHz	-42.64 dBm	-17.64 dB
2.495 GHz	2.530 GHz	1.000 MHz	2.51729 GHz	-41.13 dBm	-28.13 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53395 GHz	-38.99 dBm	-28.99 dB
2.534 GHz	2.535 GHz	500.000 kHz	2.53499 GHz	-22.85 dBm	-12.85 dB
2.535 GHz	2.585 GHz	500.000 kHz	2.53607 GHz	21.43 dBm	-8.57 dB

Date: 7.DEC.2020 17:51:04

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)

CA_41C_100RB+100RB_64QAM_40140+40338_100RB#0+100RB#0

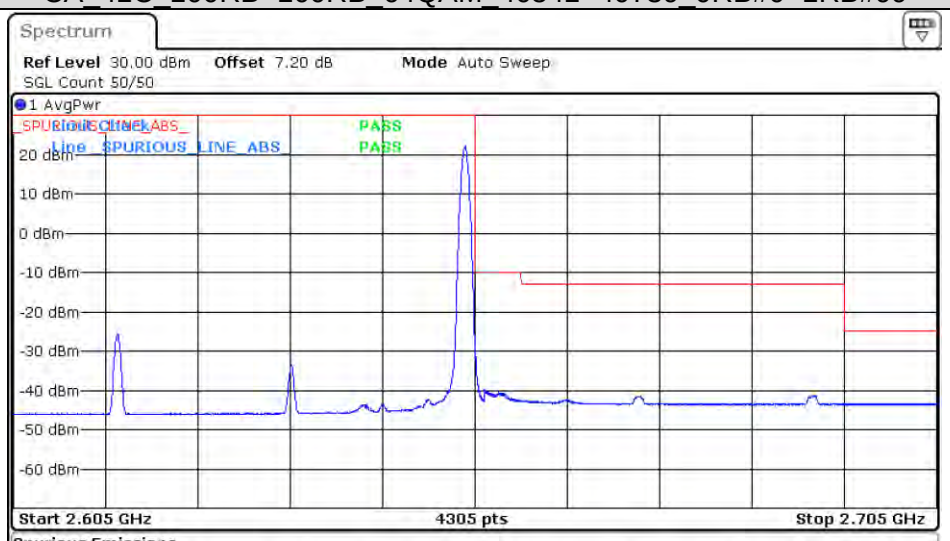


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.485 GHz	2.495 GHz	1.000 MHz	2.49445 GHz	-42.59 dBm	-17.59 dB
2.495 GHz	2.530 GHz	1.000 MHz	2.52495 GHz	-30.98 dBm	-17.98 dB
2.530 GHz	2.534 GHz	1.000 MHz	2.53372 GHz	-29.98 dBm	-19.98 dB
2.534 GHz	2.535 GHz	1.000 MHz	2.53500 GHz	-14.50 dBm	-4.50 dB
2.535 GHz	2.585 GHz	1.000 MHz	2.55081 GHz	7.40 dBm	-22.60 dB

Date: 7.DEC.2020 17:56:14

CA_41C_100RB+100RB_64QAM_40541+40739_0RB#0+1RB#99



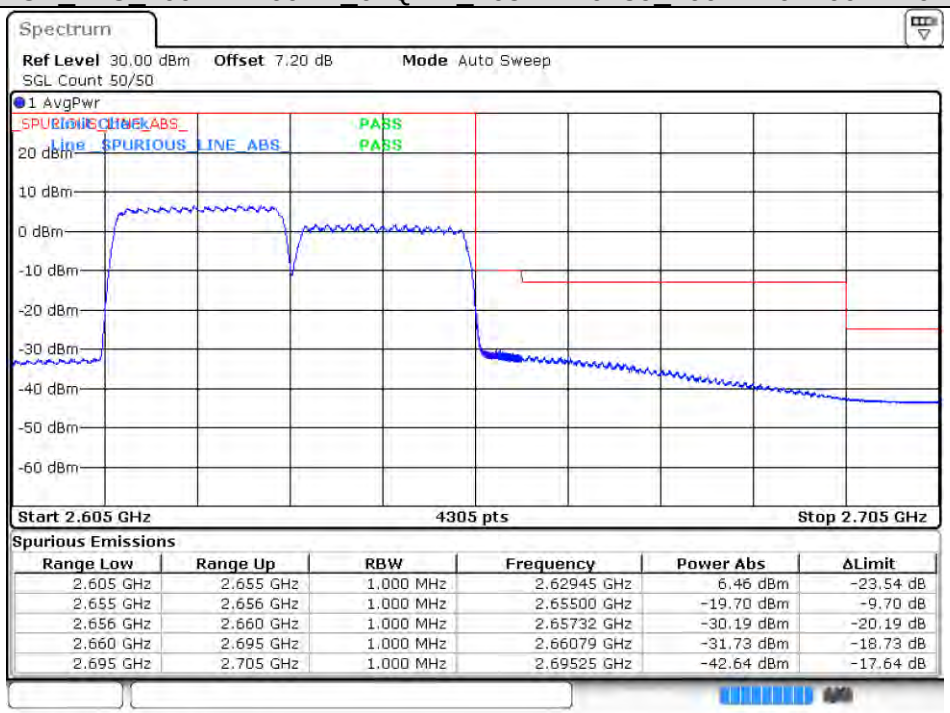
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.655 GHz	500.000 kHz	2.65393 GHz	22.09 dBm	-7.91 dB
2.655 GHz	2.656 GHz	500.000 kHz	2.65500 GHz	-28.32 dBm	-18.32 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65603 GHz	-39.96 dBm	-29.96 dB
2.660 GHz	2.695 GHz	1.000 MHz	2.69145 GHz	-41.37 dBm	-28.37 dB
2.695 GHz	2.705 GHz	1.000 MHz	2.70431 GHz	-43.37 dBm	-18.37 dB

Date: 7.DEC.2020 18:10:10

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)

CA_41C_100RB+100RB_64QAM_40541+40739_100RB#0+100RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.655 GHz	1.000 MHz	2.62945 GHz	6.46 dBm	-23.54 dB
2.655 GHz	2.656 GHz	1.000 MHz	2.65500 GHz	-19.70 dBm	-9.70 dB
2.656 GHz	2.660 GHz	1.000 MHz	2.65732 GHz	-30.19 dBm	-20.19 dB
2.660 GHz	2.695 GHz	1.000 MHz	2.66079 GHz	-31.73 dBm	-18.73 dB
2.695 GHz	2.705 GHz	1.000 MHz	2.69525 GHz	-42.64 dBm	-17.64 dB

Date: 7.DEC.2020 18:11:43

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)

6 Spurious Emission at Antenna Terminal

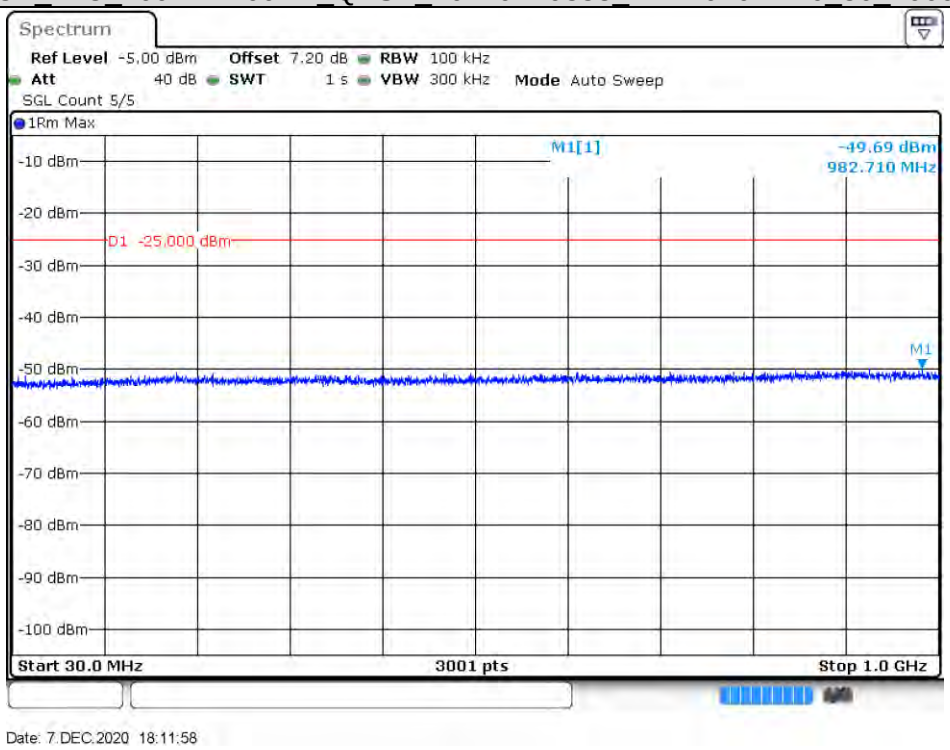
NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span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

Part I - Test Plots

6.1 For LTE

6.1.1 Test Band = LTE Band CA_41C

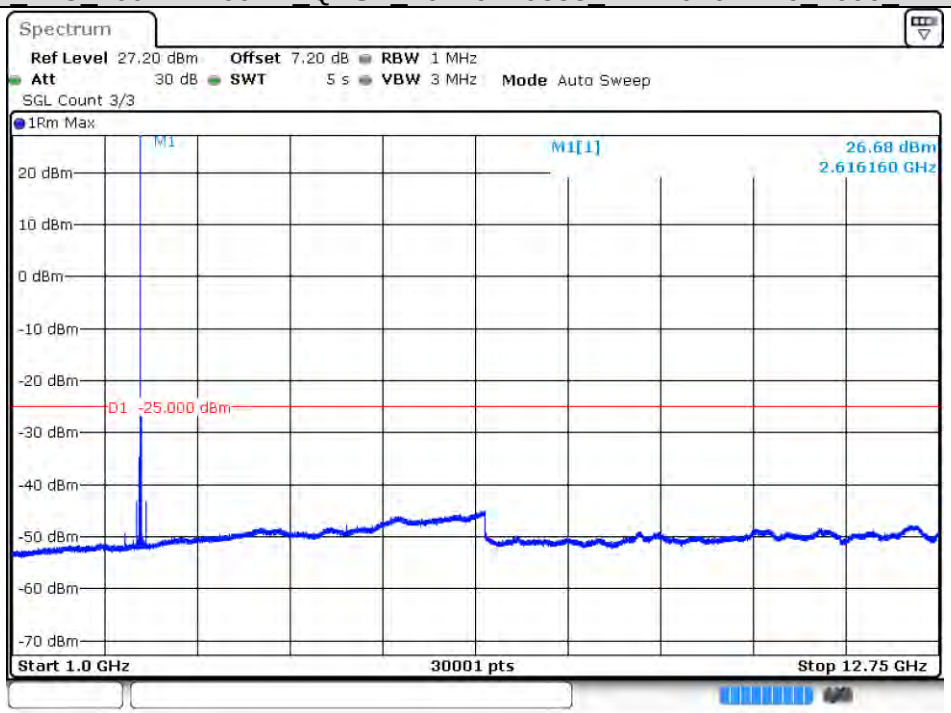
CA_41C_100RB+100RB_QPSK_40140+40338_1RB#0+0RB#0_30_1000



Date: 7.DEC.2020 18:11:58

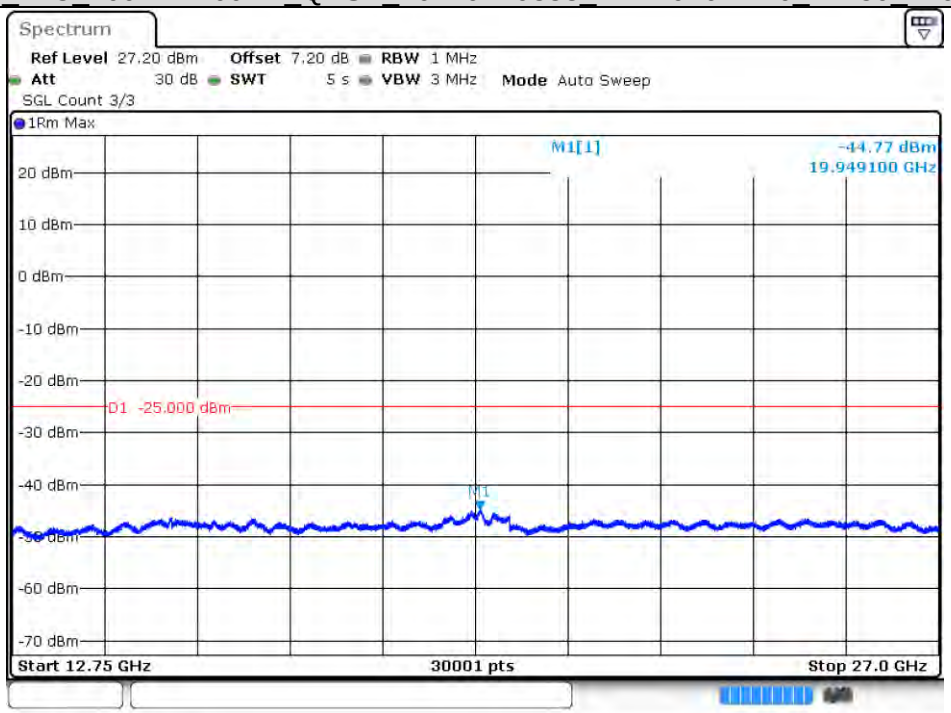
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

CA_41C_100RB+100RB_QPSK_40140+40338_1RB#0+0RB#0_1000_12750



Date: 7.DEC.2020 18:14:40

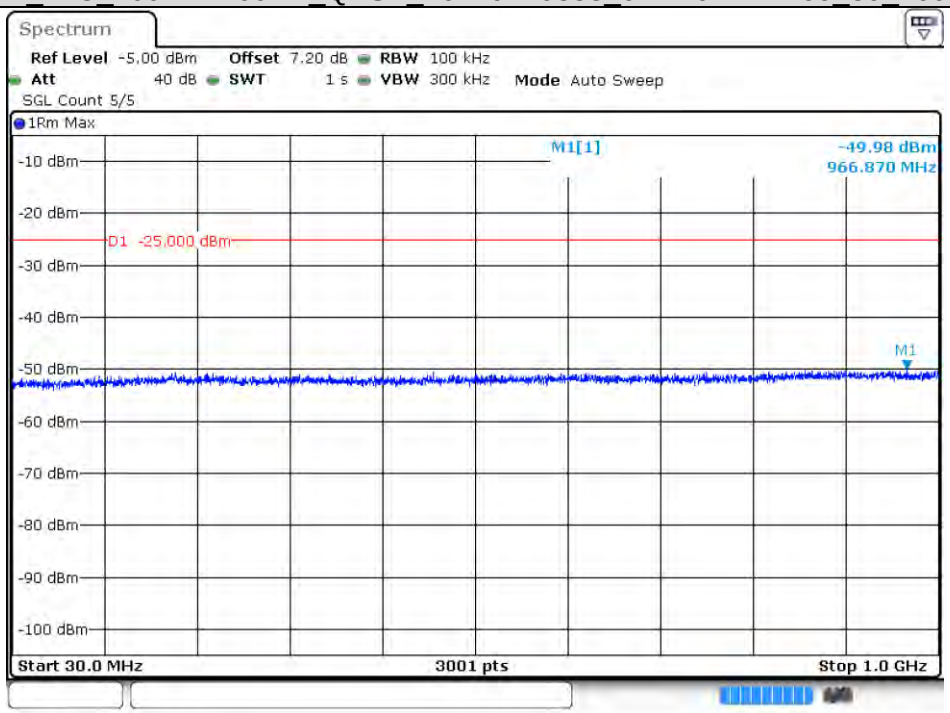
CA_41C_100RB+100RB_QPSK_40140+40338_1RB#0+0RB#0_12750_27000



Date: 7.DEC.2020 18:18:38

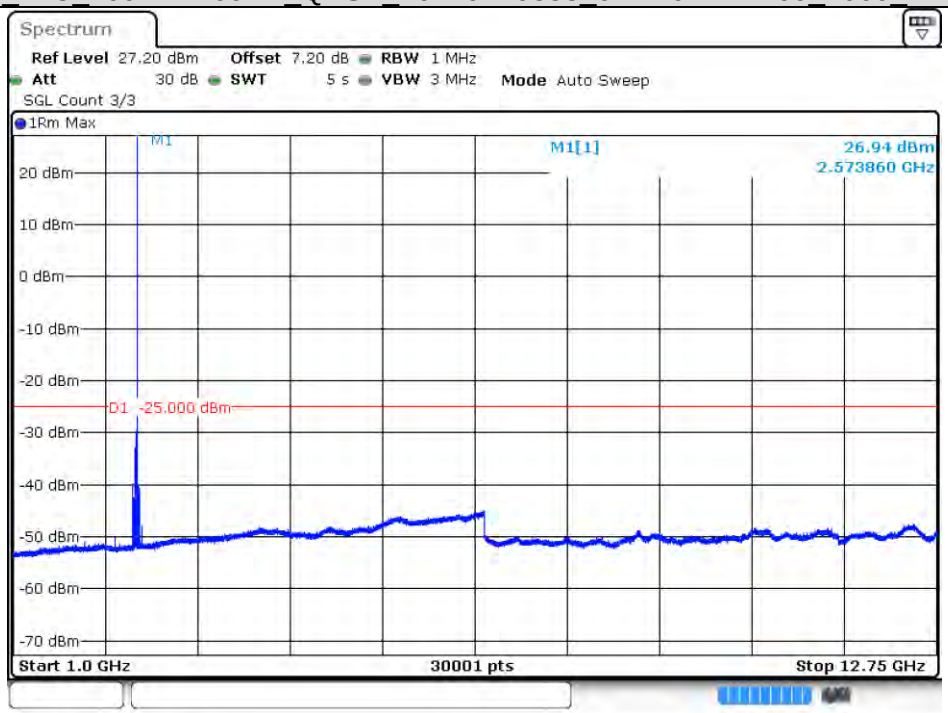
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

CA_41C_100RB+100RB_QPSK_40140+40338_0RB#0+1RB#99_30_1000



Date: 7.DEC.2020 18:12:04

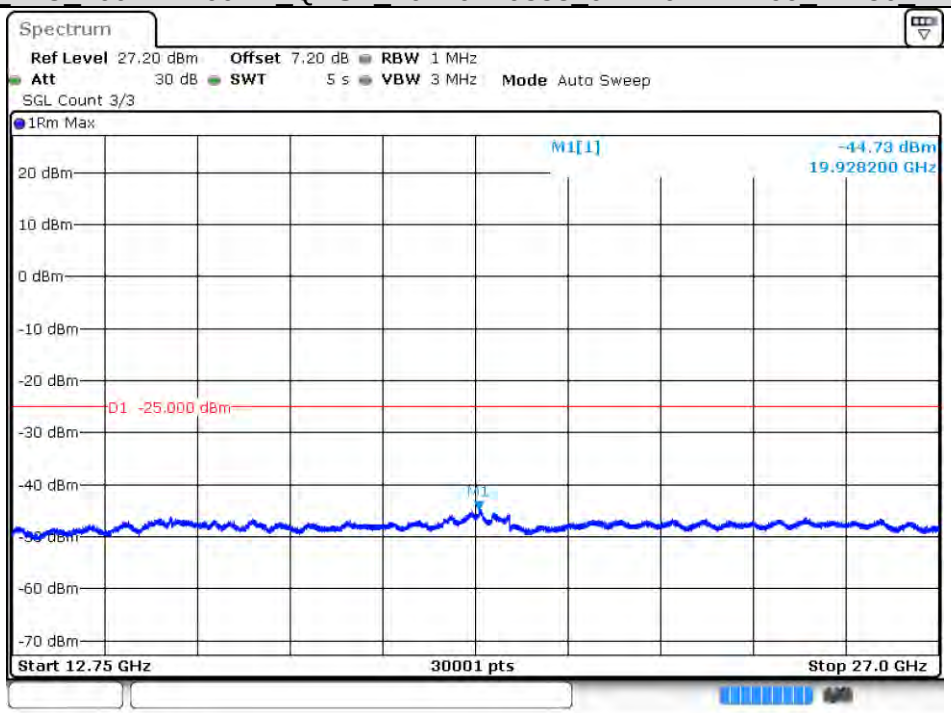
CA_41C_100RB+100RB_QPSK_40140+40338_0RB#0+1RB#99_1000_12750



Date: 7.DEC.2020 18:22:59

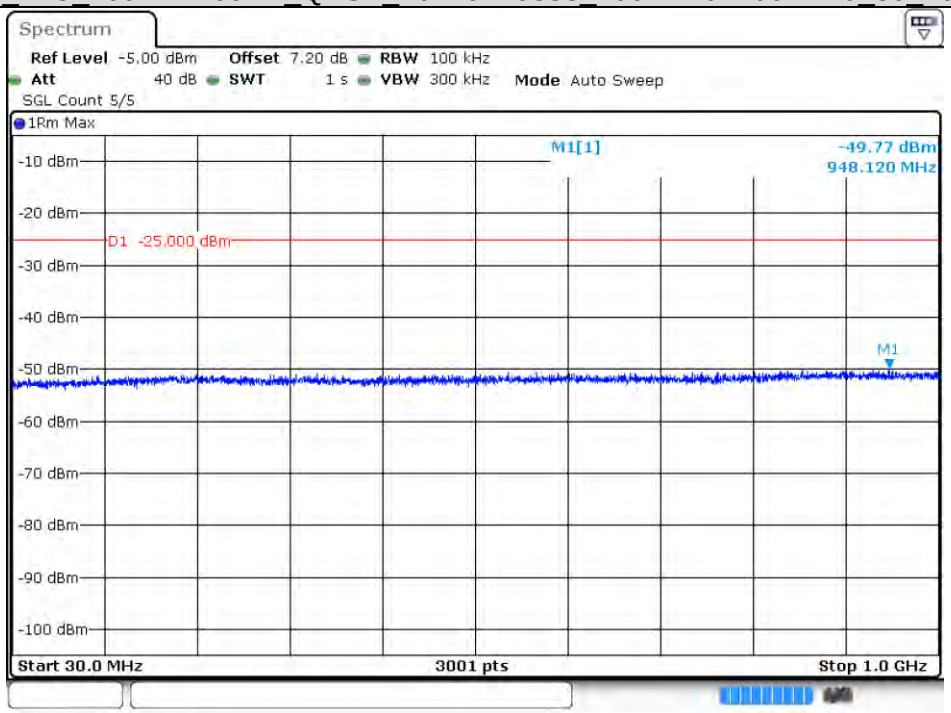
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

CA_41C_100RB+100RB_QPSK_40140+40338_0RB#0+1RB#99_12750_27000



Date: 7.DEC.2020 18:18:55

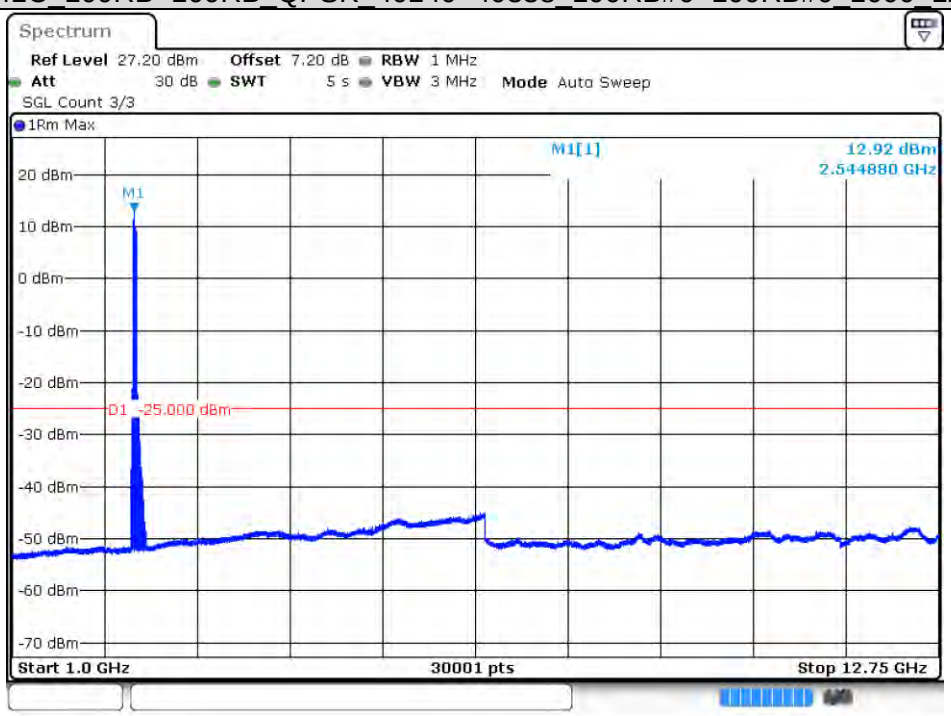
CA_41C_100RB+100RB_QPSK_40140+40338_100RB#0+100RB#0_30_1000



Date: 7.DEC.2020 18:12:10

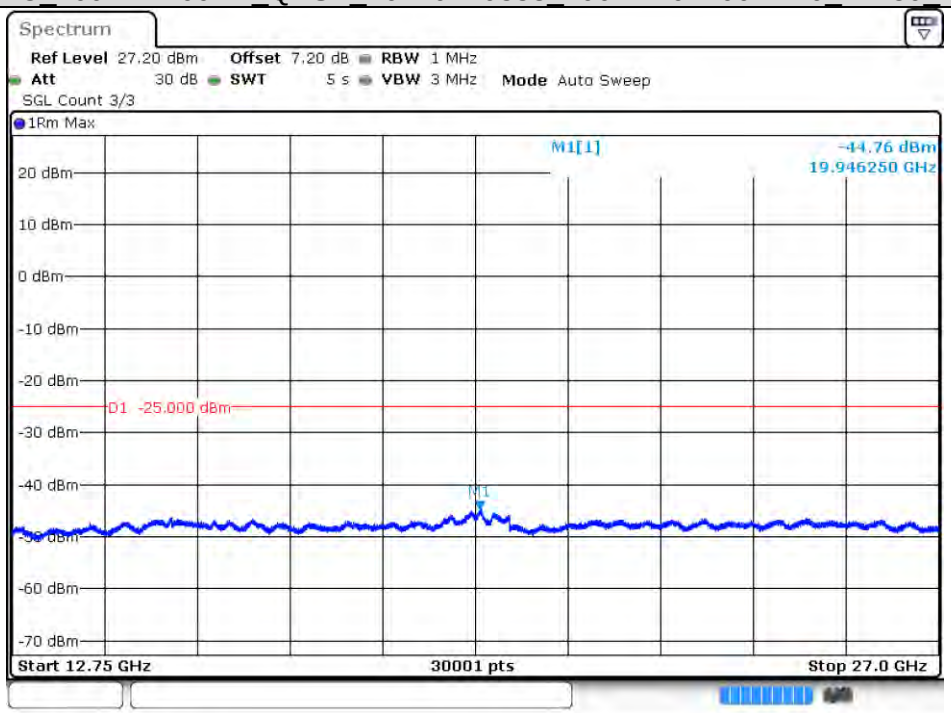
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

CA_41C_100RB+100RB_QPSK_40140+40338_100RB#0+100RB#0_1000_12750



Date: 7.DEC.2020 18:23:30

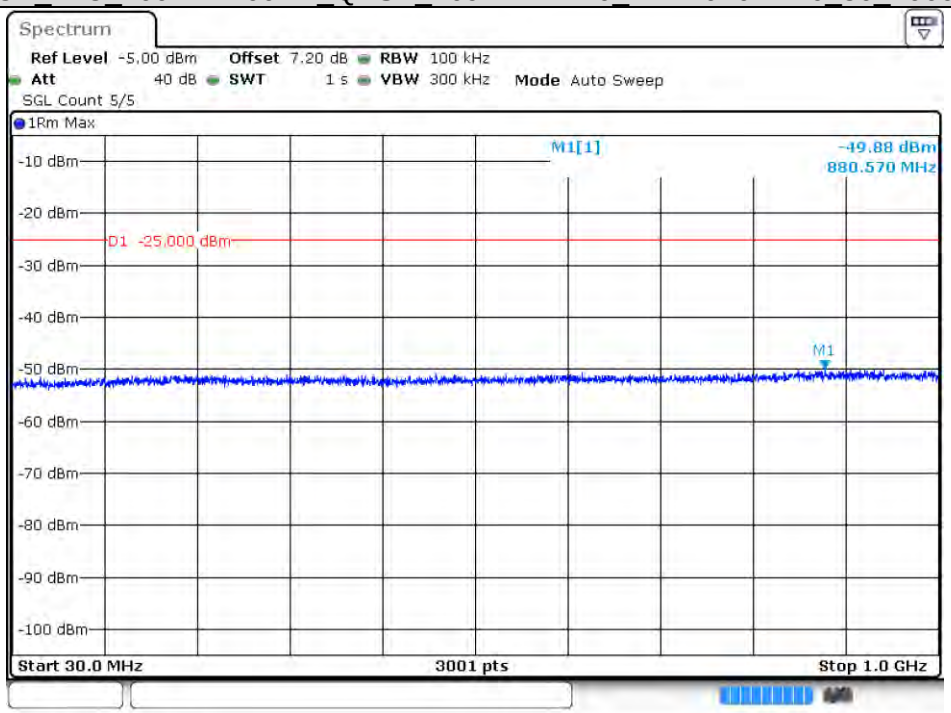
CA_41C_100RB+100RB_QPSK_40140+40338_100RB#0+100RB#0_12750_27000



Date: 7.DEC.2020 18:19:11

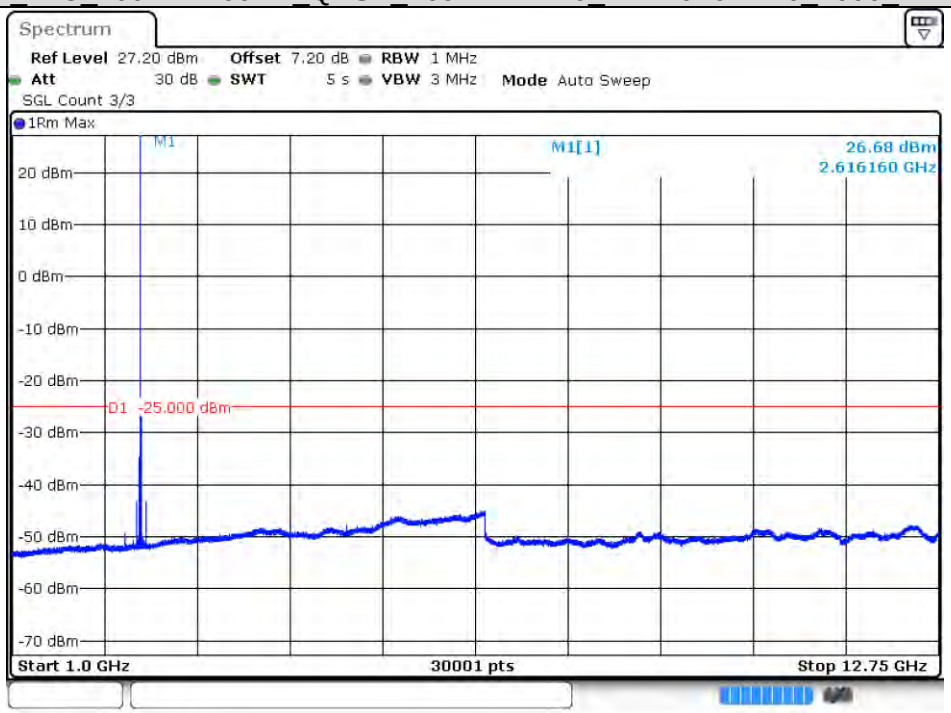
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

CA_41C_100RB+100RB_QPSK_40942+41140_1RB#0+0RB#0_30_1000



Date: 7.DEC.2020 18:12:20

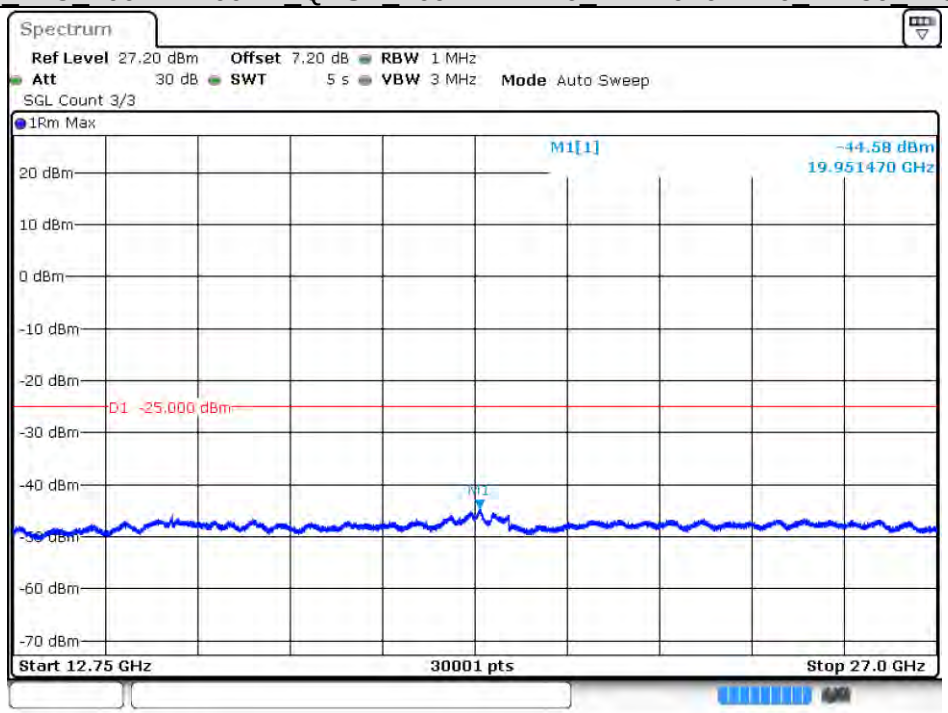
CA_41C_100RB+100RB_QPSK_40942+41140_1RB#0+0RB#0_1000_12750



Date: 7.DEC.2020 18:14:40

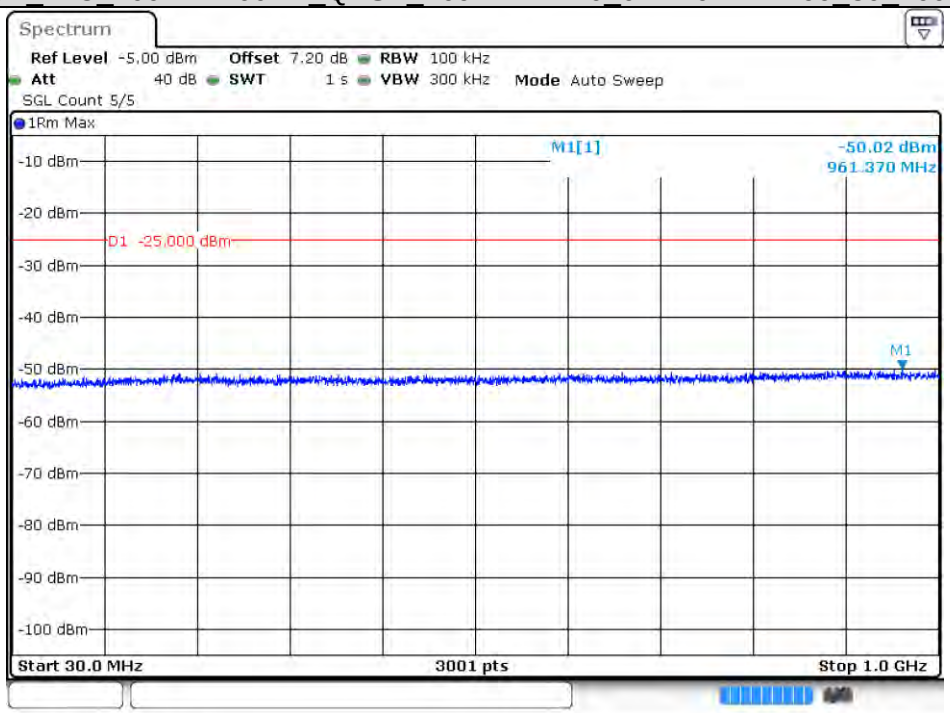
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

CA_41C_100RB+100RB_QPSK_40942+41140_1RB#0+0RB#0_12750_27000



Date: 7.DEC.2020 18:19:40

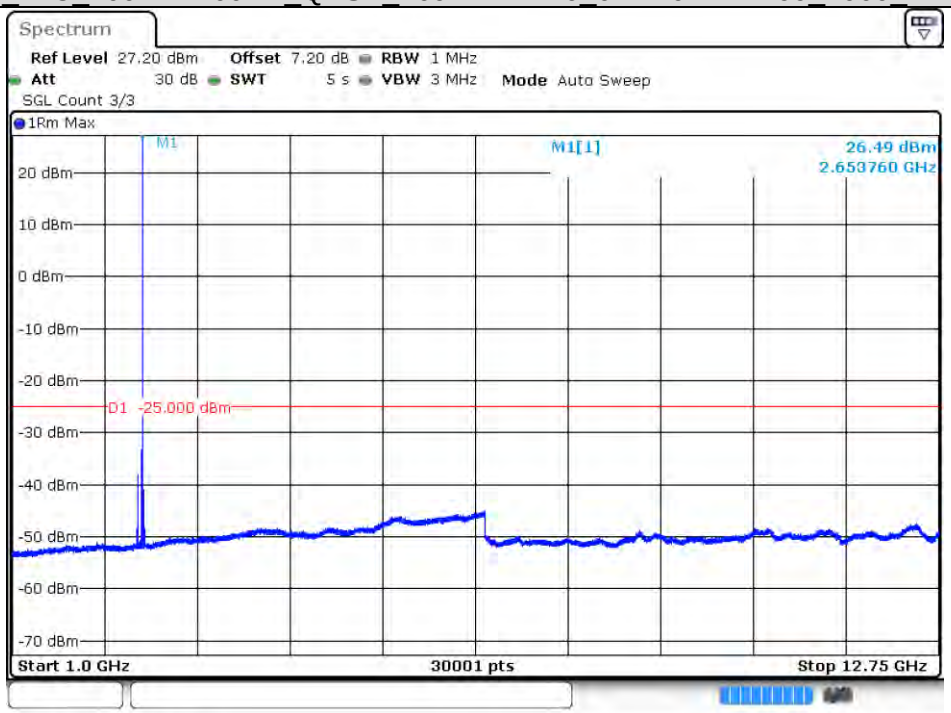
CA_41C_100RB+100RB_QPSK_40942+41140_0RB#0+1RB#99_30_1000



Date: 7.DEC.2020 18:12:32

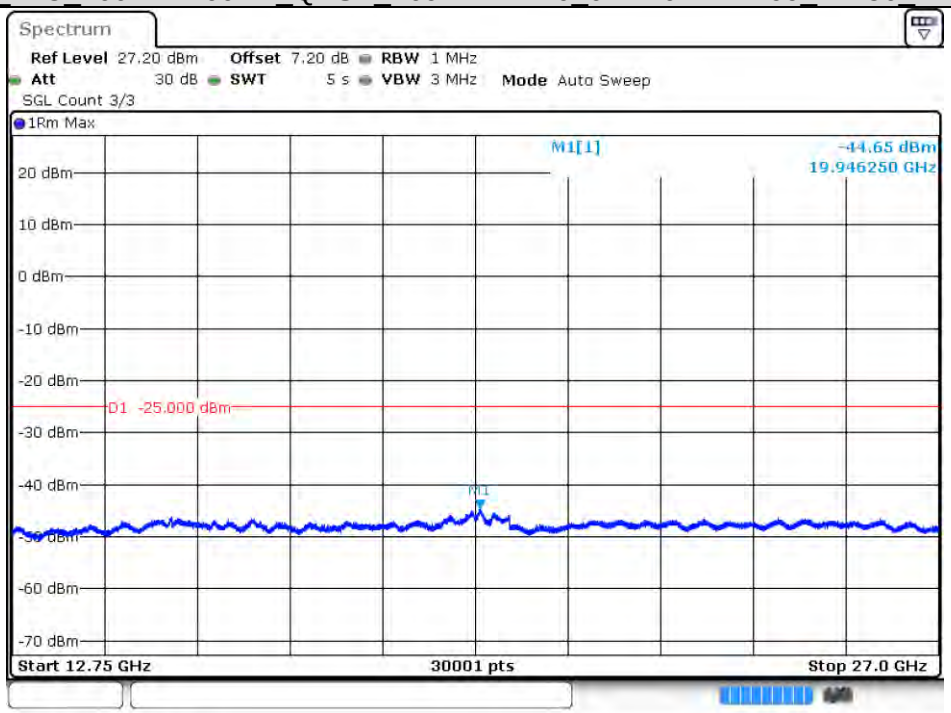
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

CA_41C_100RB+100RB_QPSK_40942+41140_0RB#0+1RB#99_1000_12750



Date: 7.DEC.2020 18:15:37

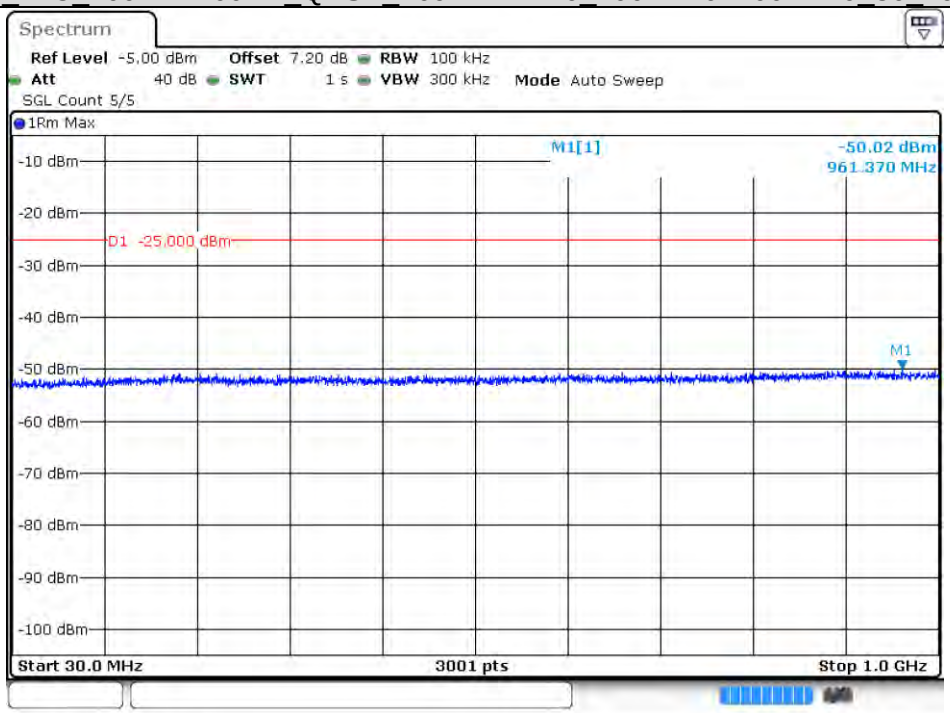
CA_41C_100RB+100RB_QPSK_40942+41140_0RB#0+1RB#99_12750_27000



Date: 7.DEC.2020 18:19:57

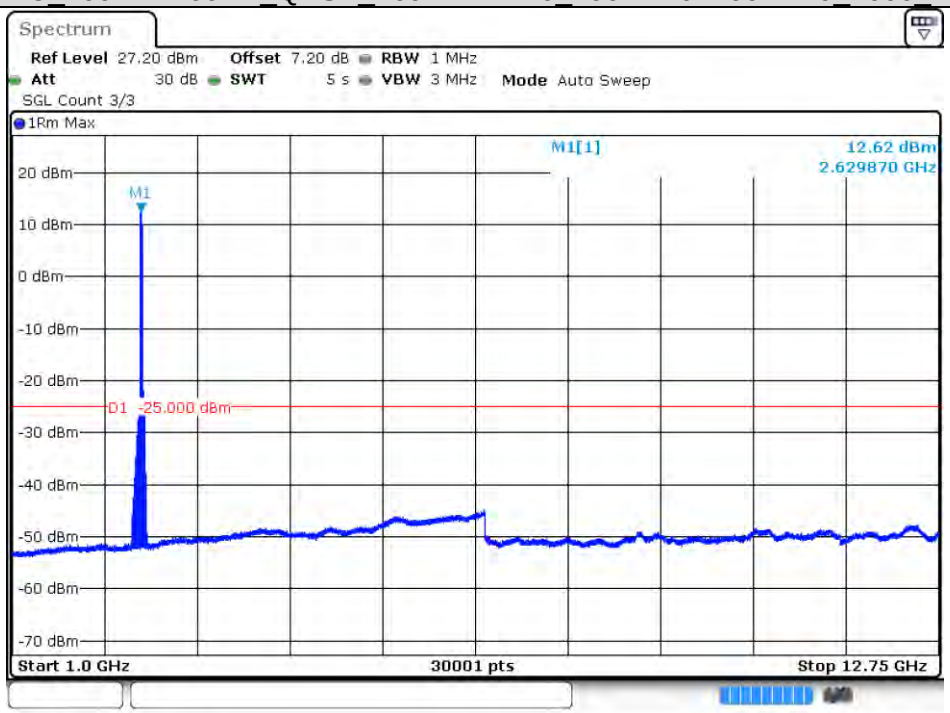
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

CA_41C_100RB+100RB_QPSK_40942+41140_100RB#0+100RB#0_30_1000



Date: 7.DEC.2020 18:12:32

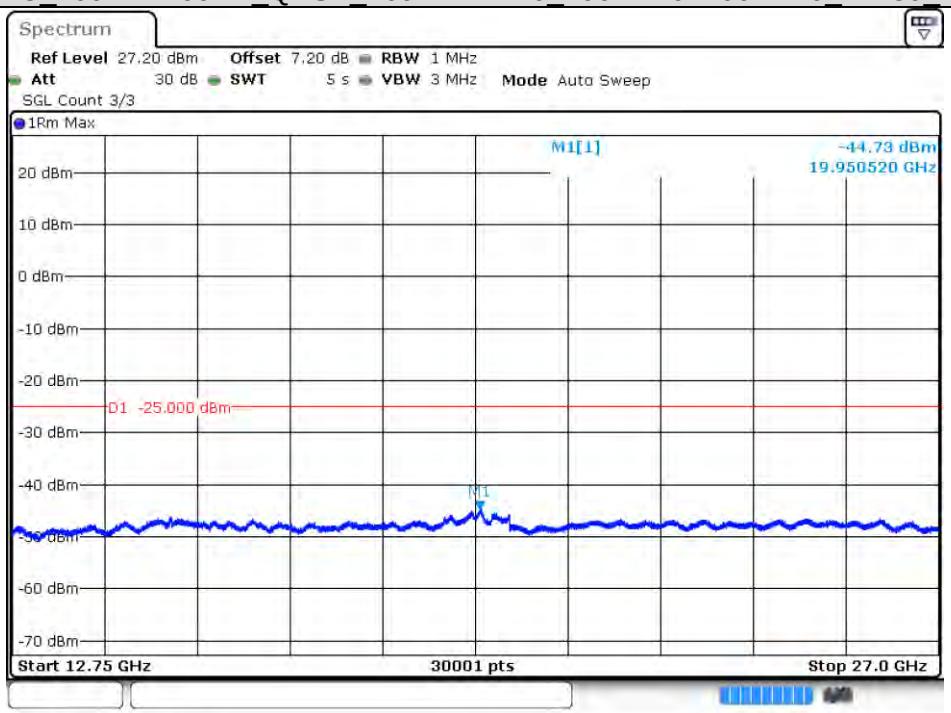
CA_41C_100RB+100RB_QPSK_40942+41140_100RB#0+100RB#0_1000_12750



Date: 7.DEC.2020 18:16:14

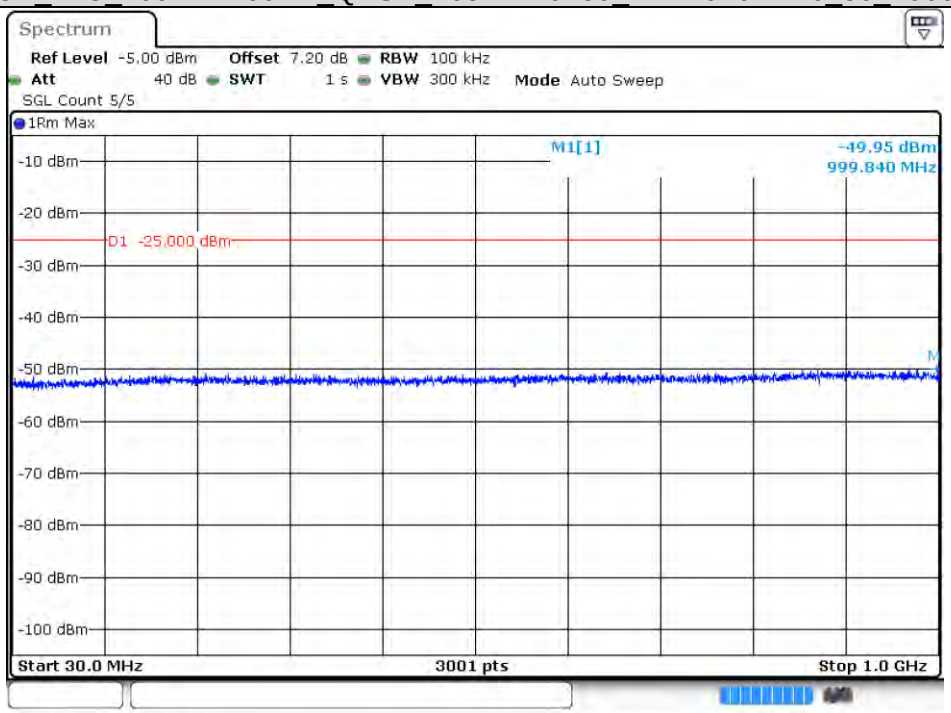
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

CA_41C_100RB+100RB_QPSK_40942+41140_100RB#0+100RB#0_12750_27000



Date: 7.DEC.2020 18:20:14

CA_41C_100RB+100RB_QPSK_40541+40739_1RB#0+0RB#0_30_1000



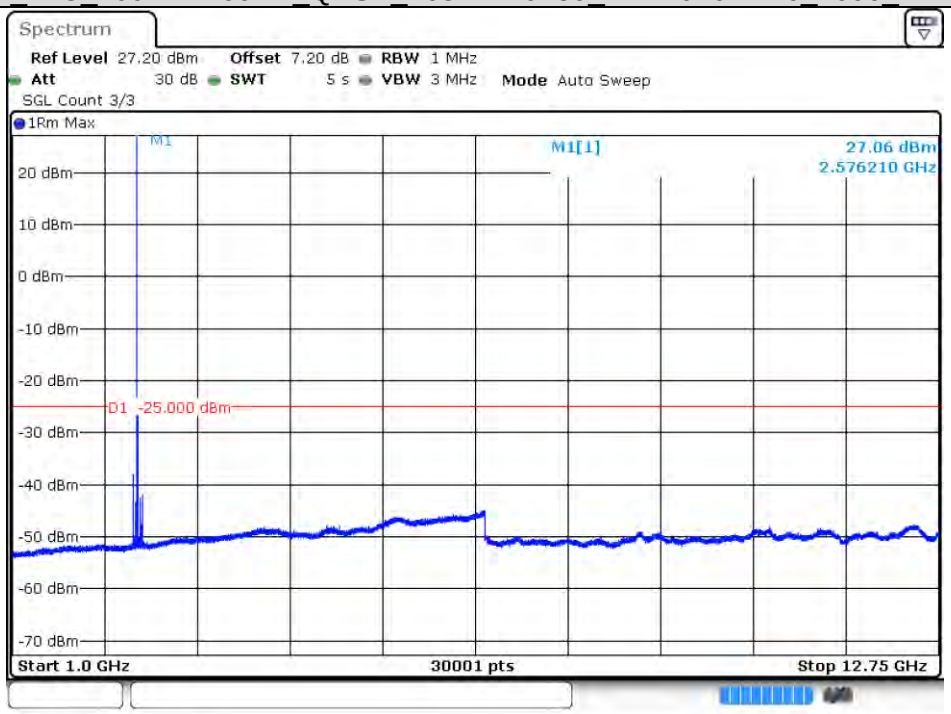
Date: 7.DEC.2020 18:12:42

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

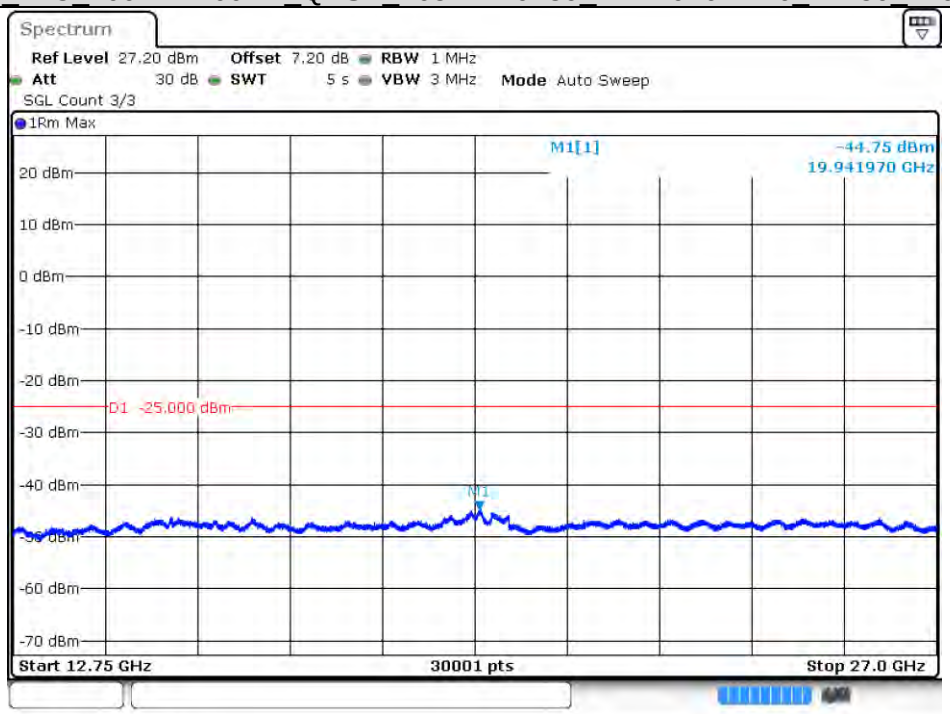
Member of the SGS Group (SGS SA)

CA_41C_100RB+100RB_QPSK_40541+40739_1RB#0+0RB#0_1000_12750



Date: 7.DEC.2020 18:16:37

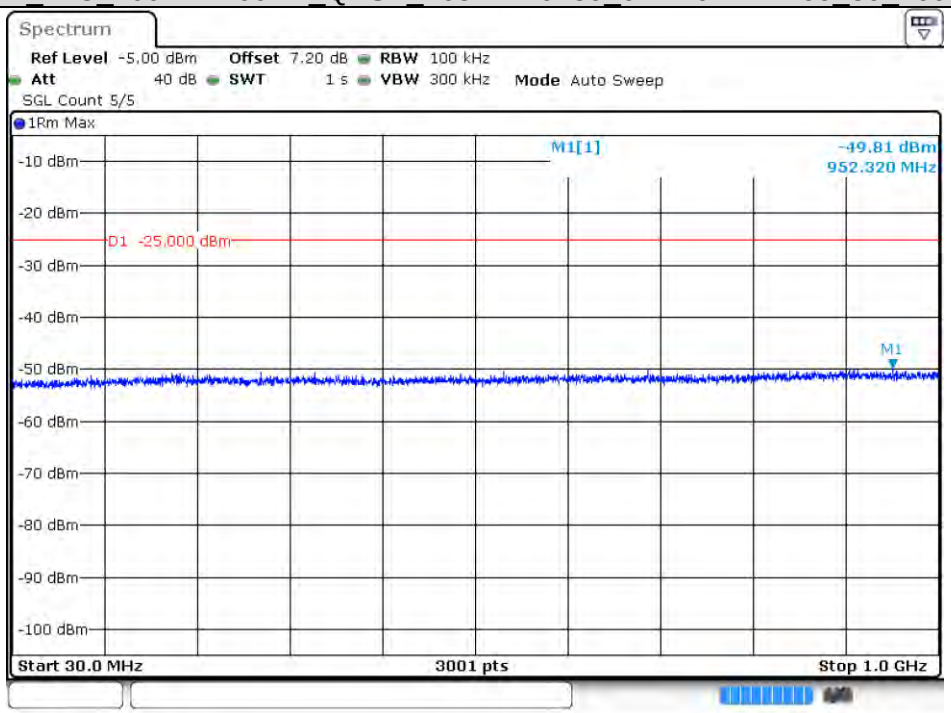
CA_41C_100RB+100RB_QPSK_40541+40739_1RB#0+0RB#0_12750_27000



Date: 7.DEC.2020 18:20:34

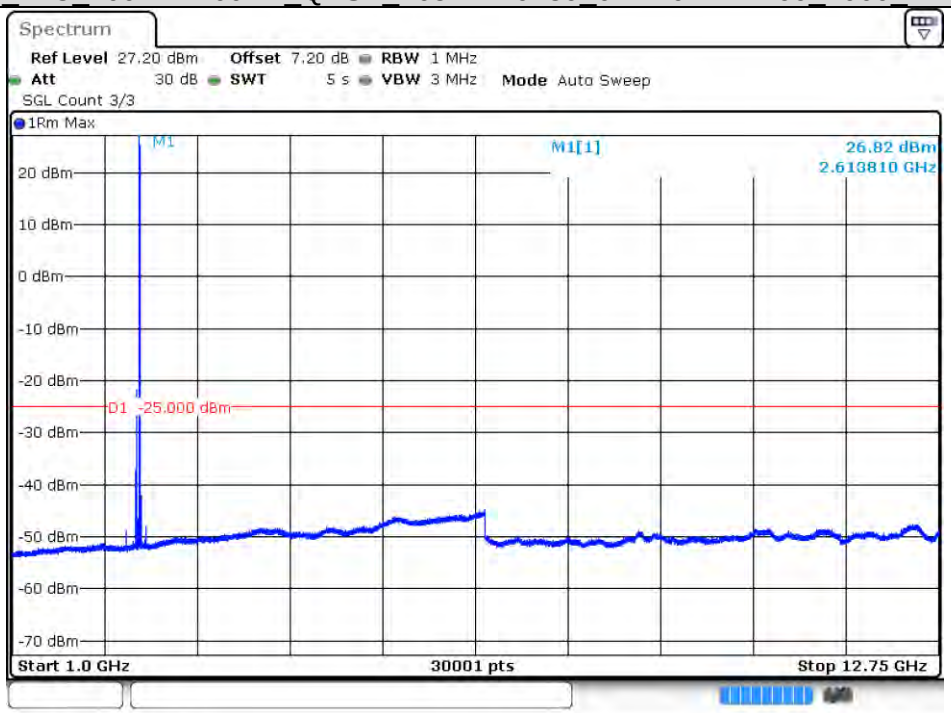
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

CA_41C_100RB+100RB_QPSK_40541+40739_0RB#0+1RB#99_30_1000



Date: 7.DEC.2020 18:12:48

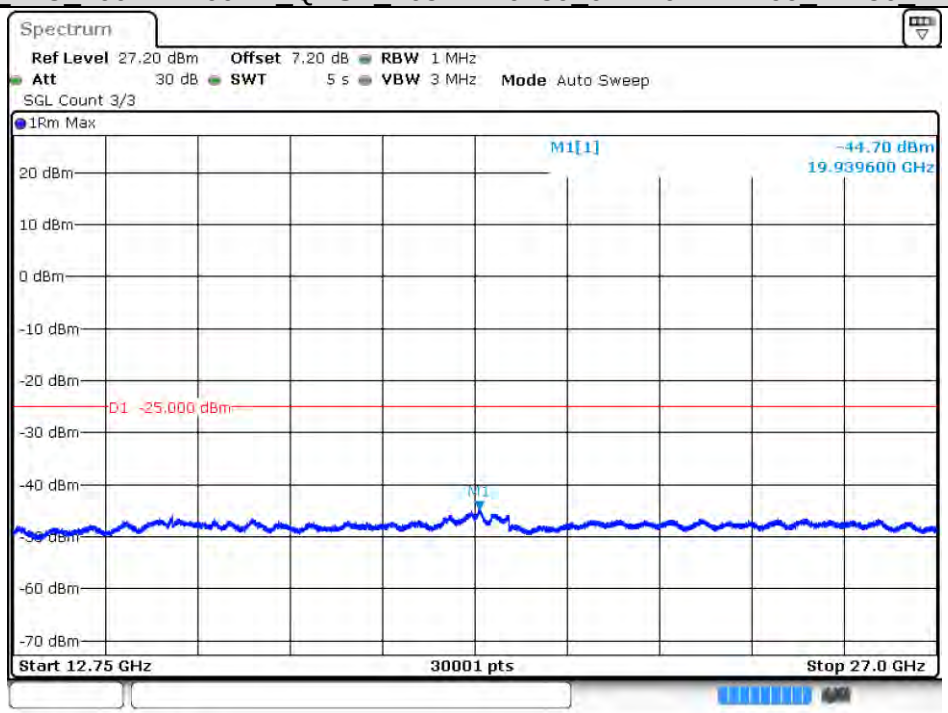
CA_41C_100RB+100RB_QPSK_40541+40739_0RB#0+1RB#99_1000_12750



Date: 7.DEC.2020 18:17:40

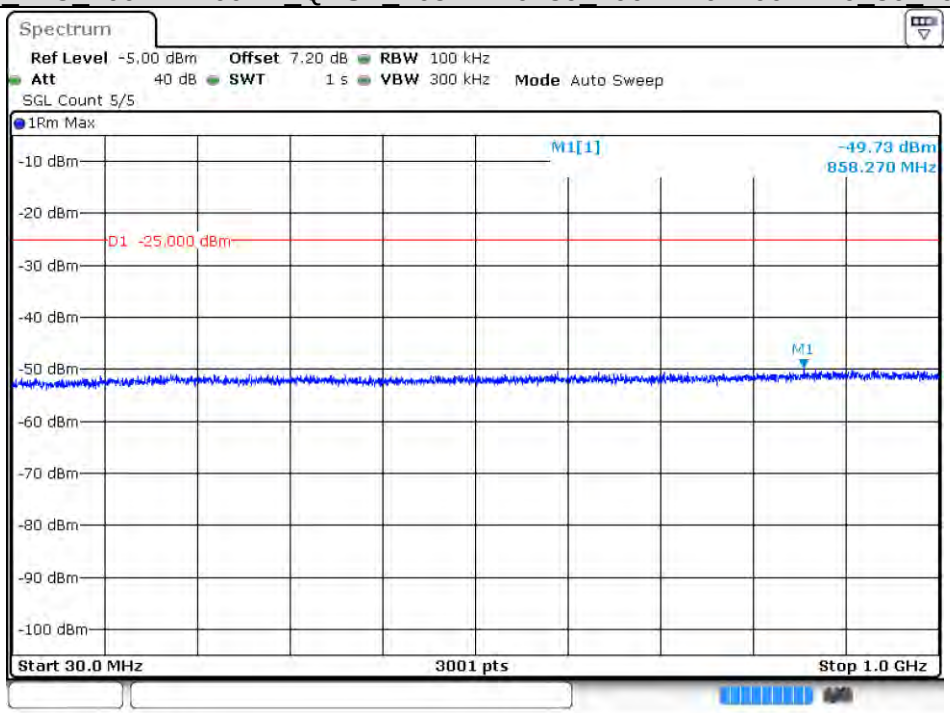
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

CA_41C_100RB+100RB_QPSK_40541+40739_0RB#0+1RB#99_12750_27000



Date: 7.DEC.2020 18:20:51

CA_41C_100RB+100RB_QPSK_40541+40739_100RB#0+100RB#0_30_1000

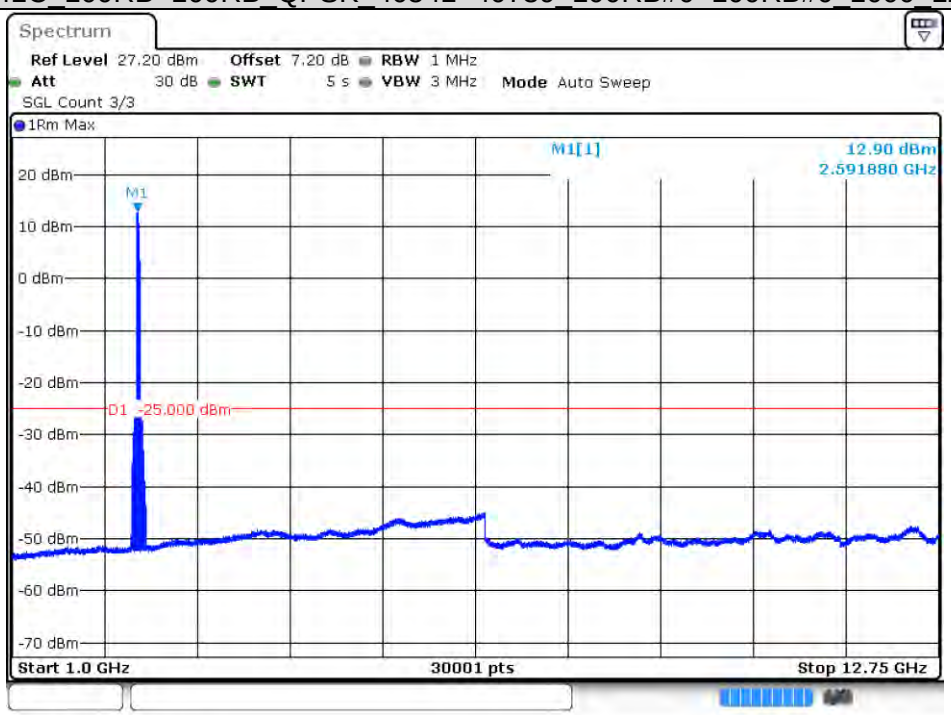


Date: 7.DEC.2020 18:12:54

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

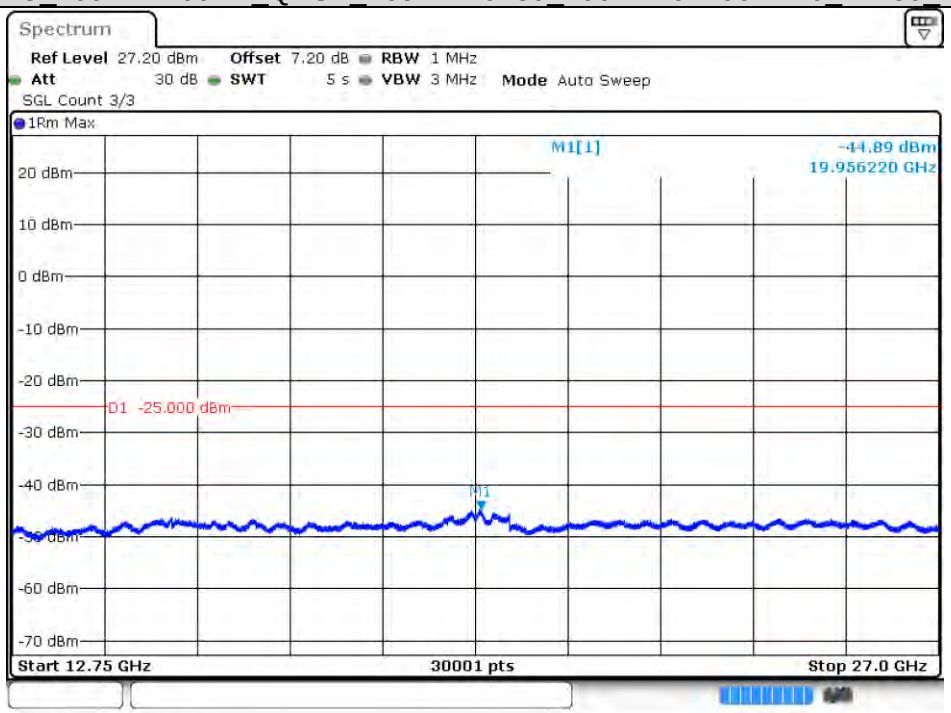
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

CA_41C_100RB+100RB_QPSK_40541+40739_100RB#0+100RB#0_1000_12750



Date: 7.DEC.2020 18:18:14

CA_41C_100RB+100RB_QPSK_40541+40739_100RB#0+100RB#0_12750_27000



Date: 7.DEC.2020 18:21:08

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 = LTE Band CA_41C (Config 0)

7.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.250000	-79.80	-25.00	54.80	Vertical
104.250000	-83.18	-25.00	58.18	Vertical
4231.100000	-65.39	-25.00	40.39	Vertical
7032.600000	-62.69	-25.00	37.69	Vertical
10617.675000	-60.79	-25.00	35.79	Vertical
62.200000	-75.25	-25.00	50.25	Horizontal
104.300000	-85.26	-25.00	60.27	Horizontal
270.900000	-85.73	-25.00	60.73	Horizontal
4347.775000	-65.00	-25.00	40.00	Horizontal
7087.850000	-62.67	-25.00	37.67	Horizontal
10660.575000	-61.02	-25.00	36.02	Horizontal

7.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.150000	-79.63	-25.00	54.63	Vertical
125.000000	-83.68	-25.00	58.68	Vertical
361.250000	-83.77	-25.00	58.77	Vertical
5171.975000	-63.04	-25.00	38.04	Vertical
7111.250000	-62.97	-25.00	37.97	Vertical
10344.350000	-58.98	-25.00	33.98	Vertical
63.100000	-75.31	-25.00	50.31	Horizontal
104.350000	-84.53	-25.00	59.53	Horizontal
261.500000	-86.12	-25.00	61.12	Horizontal
4299.675000	-64.91	-25.00	39.91	Horizontal
7043.000000	-63.08	-25.00	38.08	Horizontal
10344.350000	-60.63	-25.00	35.63	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

7.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.750000	-79.70	-25.00	54.70	Vertical
104.250000	-83.17	-25.00	58.17	Vertical
341.900000	-84.96	-25.00	59.96	Vertical
5222.350000	-62.55	-25.00	37.55	Vertical
7833.725000	-61.38	-25.00	36.38	Vertical
10445.100000	-61.13	-25.00	36.13	Vertical
63.250000	-76.17	-25.00	51.17	Horizontal
104.300000	-84.56	-25.00	59.56	Horizontal
259.500000	-86.06	-25.00	61.06	Horizontal
4951.625000	-64.63	-25.00	39.63	Horizontal
7833.725000	-61.06	-25.00	36.06	Horizontal
10445.100000	-58.93	-25.00	33.93	Horizontal

7.2 Test Band = LTE Band CA_41C (Config 1)

7.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.250000	-79.01	-25.00	54.01	Vertical
104.300000	-84.42	-25.00	59.42	Vertical
335.400000	-84.19	-25.00	59.19	Vertical
5081.950000	-64.20	-25.00	39.20	Vertical
8635.500000	-61.48	-25.00	36.48	Vertical
10645.625000	-60.72	-25.00	35.72	Vertical
63.100000	-75.41	-25.00	50.41	Horizontal
104.300000	-84.69	-25.00	59.69	Horizontal
254.650000	-85.84	-25.00	60.84	Horizontal
4306.825000	-64.91	-25.00	39.91	Horizontal
6650.075000	-63.85	-25.00	38.85	Horizontal
9232.850000	-60.92	-25.00	35.92	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)

7.1.4 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.750000	-80.17	-25.00	55.17	Vertical
104.300000	-83.85	-25.00	58.85	Vertical
344.750000	-84.35	-25.00	59.35	Vertical
5171.975000	-63.68	-25.00	38.68	Vertical
7217.200000	-62.49	-25.00	37.49	Vertical
10344.675000	-59.57	-25.00	34.57	Vertical
63.350000	-76.12	-25.00	51.12	Horizontal
104.300000	-83.87	-25.00	58.87	Horizontal
267.100000	-85.71	-25.00	60.71	Horizontal
4296.750000	-64.87	-25.00	39.87	Horizontal
7029.025000	-62.65	-25.00	37.65	Horizontal
10650.825000	-60.35	-25.00	35.35	Horizontal

7.1.5 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.350000	-75.91	-25.00	50.91	Vertical
104.300000	-84.51	-25.00	59.51	Vertical
273.200000	-85.64	-25.00	60.64	Vertical
4295.125000	-64.94	-25.00	39.94	Vertical
6498.950000	-63.17	-25.00	38.17	Vertical
9219.850000	-60.73	-25.00	35.73	Vertical
64.300000	-80.12	-25.00	55.12	Horizontal
125.000000	-82.63	-25.00	57.63	Horizontal
348.950000	-84.72	-25.00	59.72	Horizontal
5222.350000	-62.52	-25.00	37.52	Horizontal
7834.050000	-61.35	-25.00	36.35	Horizontal
10662.200000	-60.70	-25.00	35.70	Horizontal

Remark:

1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

2 The disturbance below 30MHz and above 12.75GHz was very low, and the above harmonics were the highest point could be found when testing, so 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)

8 Frequency Stability

8.1 Frequency Error VS. Voltage

Test Band	Test Mode	Test Channel	RB Config	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
CA_41C	QPSK	40140+40338	50RB#0/50RB#0	TN	LV	-5.65	-0.002253	PASS
CA_41C	QPSK	40140+40338	50RB#0/50RB#0	TN	NV	-0.47	-0.000188	PASS
CA_41C	QPSK	40140+40338	50RB#0/50RB#0	TN	HV	1.37	0.000546	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	TN	LV	1.62	0.000626	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	TN	NV	0.45	0.000173	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	TN	HV	-7.57	-0.002930	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	TN	LV	-6.32	-0.002376	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	TN	NV	6.94	0.002607	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	TN	HV	-2.91	-0.001092	PASS
CA_41C	16QAM	40140+40338	50RB#0/50RB#0	TN	LV	-10.72	-0.004280	PASS
CA_41C	16QAM	40140+40338	50RB#0/50RB#0	TN	NV	3.33	0.001328	PASS
CA_41C	16QAM	40140+40338	50RB#0/50RB#0	TN	HV	1.95	0.000776	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	TN	LV	3.55	0.001374	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	TN	NV	-5.50	-0.002129	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	TN	HV	-1.85	-0.000716	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	TN	LV	0.60	0.000227	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	TN	NV	0.79	0.000297	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	TN	HV	10.93	0.004110	PASS
CA_41C	64QAM	40140+40338	50RB#0/50RB#0	TN	LV	0.06	0.000022	PASS
CA_41C	64QAM	40140+40338	50RB#0/50RB#0	TN	NV	-10.31	-0.004116	PASS
CA_41C	64QAM	40140+40338	50RB#0/50RB#0	TN	HV	-7.33	-0.002924	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	TN	LV	4.30	0.001664	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	TN	NV	4.21	0.001632	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	TN	HV	-9.10	-0.003521	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	TN	LV	1.14	0.000429	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	TN	NV	5.91	0.002221	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	TN	HV	12.89	0.004844	PASS

8.2 Frequency Error VS. Temperature

Test Band	Test Mode	Test Channel	RB Config	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
CA_41C	QPSK	40140+40338	50RB#0/50RB#0	NV	-30	-0.11	-0.000044	PASS
CA_41C	QPSK	40140+40338	50RB#0/50RB#0	NV	-20	1.12	0.000447	PASS
CA_41C	QPSK	40140+40338	50RB#0/50RB#0	NV	-10	4.76	0.001901	PASS
CA_41C	QPSK	40140+40338	50RB#0/50RB#0	NV	0	2.35	0.000936	PASS
CA_41C	QPSK	40140+40338	50RB#0/50RB#0	NV	10	-1.05	-0.000418	PASS
CA_41C	QPSK	40140+40338	50RB#0/50RB#0	NV	20	0.95	0.000377	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)

CA_41C	QPSK	40140+40338	50RB#0/50RB#0	NV	30	-2.33	-0.000928	PASS
CA_41C	QPSK	40140+40338	50RB#0/50RB#0	NV	40	-9.57	-0.003820	PASS
CA_41C	QPSK	40140+40338	50RB#0/50RB#0	NV	50	1.54	0.000613	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	NV	-30	-7.94	-0.003076	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	NV	-20	8.52	0.003300	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	NV	-10	-4.33	-0.001675	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	NV	0	9.21	0.003566	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	NV	10	-4.23	-0.001637	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	NV	20	11.59	0.004487	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	NV	30	-5.32	-0.002059	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	NV	40	-7.86	-0.003044	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	NV	50	2.42	0.000937	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	NV	-30	-1.66	-0.000624	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	NV	-20	2.08	0.000780	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	NV	-10	9.55	0.003590	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	NV	0	-6.54	-0.002460	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	NV	10	4.73	0.001776	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	NV	20	0.41	0.000156	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	NV	30	0.34	0.000129	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	NV	40	-4.41	-0.001659	PASS
CA_41C	QPSK	40942+41140	50RB#0/50RB#0	NV	50	5.54	0.002082	PASS
CA_41C	16QAM	40140+40338	50RB#0/50RB#0	NV	-30	-2.46	-0.000983	PASS
CA_41C	16QAM	40140+40338	50RB#0/50RB#0	NV	-20	-7.53	-0.003006	PASS
CA_41C	16QAM	40140+40338	50RB#0/50RB#0	NV	-10	4.88	0.001946	PASS
CA_41C	16QAM	40140+40338	50RB#0/50RB#0	NV	0	9.85	0.003930	PASS
CA_41C	16QAM	40140+40338	50RB#0/50RB#0	NV	10	-8.00	-0.003191	PASS
CA_41C	16QAM	40140+40338	50RB#0/50RB#0	NV	20	-8.50	-0.003393	PASS
CA_41C	16QAM	40140+40338	50RB#0/50RB#0	NV	30	2.43	0.000968	PASS
CA_41C	16QAM	40140+40338	50RB#0/50RB#0	NV	40	0.49	0.000197	PASS
CA_41C	16QAM	40140+40338	50RB#0/50RB#0	NV	50	-1.86	-0.000742	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	NV	-30	-0.29	-0.000114	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	NV	-20	-4.90	-0.001897	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	NV	-10	-4.17	-0.001613	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	NV	0	0.72	0.000280	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	NV	10	2.95	0.001143	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	NV	20	-3.59	-0.001389	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	NV	30	0.08	0.000032	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	NV	40	3.42	0.001324	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	NV	50	2.71	0.001048	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	NV	-30	5.77	0.002169	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	NV	-20	6.97	0.002621	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	NV	-10	5.24	0.001969	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	NV	0	-9.40	-0.003532	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	NV	10	-2.96	-0.001112	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)

CA_41C	16QAM	40942+41140	50RB#0/50RB#0	NV	20	9.60	0.003608	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	NV	30	-3.19	-0.001199	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	NV	40	-3.77	-0.001417	PASS
CA_41C	16QAM	40942+41140	50RB#0/50RB#0	NV	50	-5.22	-0.001962	PASS
CA_41C	64QAM	40140+40338	50RB#0/50RB#0	NV	-30	4.61	0.001839	PASS
CA_41C	64QAM	40140+40338	50RB#0/50RB#0	NV	-20	-0.94	-0.000375	PASS
CA_41C	64QAM	40140+40338	50RB#0/50RB#0	NV	-10	-5.12	-0.002041	PASS
CA_41C	64QAM	40140+40338	50RB#0/50RB#0	NV	0	4.15	0.001654	PASS
CA_41C	64QAM	40140+40338	50RB#0/50RB#0	NV	10	9.65	0.003849	PASS
CA_41C	64QAM	40140+40338	50RB#0/50RB#0	NV	20	-4.75	-0.001897	PASS
CA_41C	64QAM	40140+40338	50RB#0/50RB#0	NV	30	-12.06	-0.004811	PASS
CA_41C	64QAM	40140+40338	50RB#0/50RB#0	NV	40	2.50	0.000998	PASS
CA_41C	64QAM	40140+40338	50RB#0/50RB#0	NV	50	-2.76	-0.001101	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	NV	-30	-10.69	-0.004139	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	NV	-20	-5.78	-0.002238	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	NV	-10	-3.53	-0.001368	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	NV	0	6.20	0.002399	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	NV	10	7.08	0.002741	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	NV	20	8.32	0.003220	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	NV	30	-9.56	-0.003702	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	NV	40	2.35	0.000911	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	NV	50	13.03	0.005045	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	NV	-30	-8.92	-0.003354	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	NV	-20	-6.41	-0.002411	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	NV	-10	10.45	0.003930	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	NV	0	-0.66	-0.000247	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	NV	10	6.51	0.002446	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	NV	20	3.85	0.001448	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	NV	30	-3.10	-0.001165	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	NV	40	-9.81	-0.003688	PASS
CA_41C	64QAM	40942+41140	50RB#0/50RB#0	NV	50	-9.46	-0.003556	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

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