# Appendix B

## E-UTRA Band 41

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

## CONTENT

**1 EFFECTIVE (ISOTROPIC) RADIATED POWER ..... 3**

1.1 TEST RESULT ..... 3

**2 PEAK-TO-AVERAGE RATIO (CCDF) ..... 9**

2.1 TEST RESULT ..... 9

2.2 TEST PLOTS ..... 9

**3 MODULATION CHARACTERISTICS ..... 13**

3.1 TEST MODE = LTE /TM1 20MHZ ..... 13

1.1.1. TEST CHANNEL = MCH ..... 13

3.2 TEST MODE = LTE /TM2 20MHZ ..... 14

1.1.2. TEST CHANNEL = MCH ..... 14

**4 26DB BANDWIDTH AND OCCUPIED BANDWIDTH ..... 15**

4.1 TEST RESULT ..... 15

4.2 TEST PLOTS ..... 16

**5 BAND EDGE COMPLIANCE ..... 28**

5.1 TEST PLOTS ..... 28

**6 SPURIOUS EMISSION AT ANTENNA TERMINAL ..... 44**

6.1 TEST PLOTS ..... 44

**7 FIELD STRENGTH OF SPURIOUS RADIATION ..... 50**

7.1 TEST MODE =LTE/TM1 20MHZ ..... 50

1.1.3. TEST CHANNEL = LCH ..... 50

1.1.4. TEST CHANNEL = MCH ..... 50

1.1.5. TEST CHANNEL = HCH ..... 51

**8 FREQUENCY STABILITY ..... 52**

8.1 FREQUENCY ERROR VS. VOLTAGE ..... 52

8.2 FREQUENCY ERROR VS. TEMPERATURE ..... 53

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

# 1 Effective (Isotropic) Radiated Power

## 1.1 Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|---|---|
| Band41 | 5MHz | QPSK | 40265 | 1RB#0 | 22.96 | 17.66 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40265 | 1RB#12 | 23.07 | 17.77 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40265 | 1RB#24 | 22.97 | 17.67 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40265 | 12RB#6 | 22.38 | 17.08 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40265 | 12RB#0 | 22.36 | 17.06 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40265 | 12RB#13 | 22.26 | 16.96 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40265 | 25RB#0 | 22.36 | 17.06 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40840 | 1RB#24 | 23.07 | 17.77 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40840 | 1RB#0 | 23.08 | 17.78 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40840 | 1RB#12 | 23.06 | 17.76 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40840 | 12RB#0 | 22.35 | 17.05 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40840 | 12RB#6 | 22.40 | 17.1 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40840 | 12RB#13 | 22.30 | 17 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40840 | 25RB#0 | 22.31 | 17.01 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 41415 | 1RB#12 | 22.93 | 17.63 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 41415 | 1RB#0 | 23.02 | 17.72 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 41415 | 1RB#24 | 23.04 | 17.74 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 41415 | 12RB#13 | 22.29 | 16.99 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 41415 | 12RB#6 | 22.38 | 17.08 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 41415 | 12RB#0 | 22.31 | 17.01 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 41415 | 25RB#0 | 22.37 | 17.07 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 1RB#0 | 22.33 | 17.03 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 1RB#24 | 22.18 | 16.88 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 1RB#12 | 22.12 | 16.82 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 12RB#13 | 21.21 | 15.91 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 12RB#6 | 21.21 | 15.91 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 12RB#0 | 21.20 | 15.9 | 33.00 | PASS |

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

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band41 | 5MHz | 16QAM | 40265 | 25RB#0 | 21.34 | 16.04 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40840 | 1RB#12 | 22.22 | 16.92 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40840 | 1RB#24 | 22.27 | 16.97 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40840 | 1RB#0 | 22.19 | 16.89 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40840 | 12RB#0 | 21.26 | 15.96 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40840 | 12RB#6 | 21.42 | 16.12 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40840 | 12RB#13 | 21.32 | 16.02 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40840 | 25RB#0 | 21.38 | 16.08 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41415 | 1RB#24 | 22.01 | 16.71 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41415 | 1RB#12 | 22.29 | 16.99 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41415 | 1RB#0 | 21.92 | 16.62 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41415 | 12RB#13 | 21.21 | 15.91 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41415 | 12RB#6 | 21.42 | 16.12 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41415 | 12RB#0 | 21.33 | 16.03 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41415 | 25RB#0 | 21.56 | 16.26 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 1RB#49 | 22.84 | 17.54 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 1RB#24 | 23.10 | 17.8 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 1RB#0 | 22.79 | 17.49 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 25RB#12 | 22.32 | 17.02 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 25RB#0 | 22.24 | 16.94 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 25RB#25 | 22.08 | 16.78 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 50RB#0 | 22.19 | 16.89 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40840 | 1RB#24 | 22.91 | 17.61 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40840 | 1RB#49 | 23.12 | 17.82 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40840 | 1RB#0 | 23.12 | 17.82 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40840 | 25RB#25 | 22.31 | 17.01 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40840 | 25RB#0 | 22.35 | 17.05 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40840 | 25RB#12 | 22.27 | 16.97 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40840 | 50RB#0 | 22.28 | 16.98 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 41390 | 1RB#49 | 22.81 | 17.51 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 41390 | 1RB#24 | 23.10 | 17.8 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 41390 | 1RB#0 | 23.01 | 17.71 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 41390 | 25RB#25 | 22.06 | 16.76 | 33.00 | PASS |

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

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band41 | 10MHz | QPSK | 41390 | 25RB#0 | 22.12 | 16.82 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 41390 | 25RB#12 | 22.20 | 16.9 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 41390 | 50RB#0 | 22.18 | 16.88 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#0 | 21.74 | 16.44 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#24 | 22.05 | 16.75 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#49 | 21.66 | 16.36 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 25RB#12 | 21.27 | 15.97 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 25RB#0 | 21.08 | 15.78 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 25RB#25 | 21.15 | 15.85 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 50RB#0 | 21.19 | 15.89 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40840 | 1RB#0 | 21.76 | 16.46 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40840 | 1RB#49 | 22.01 | 16.71 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40840 | 1RB#24 | 21.79 | 16.49 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40840 | 25RB#0 | 21.46 | 16.16 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40840 | 25RB#25 | 21.53 | 16.23 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40840 | 25RB#12 | 21.52 | 16.22 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40840 | 50RB#0 | 21.53 | 16.23 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41390 | 1RB#0 | 21.54 | 16.24 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41390 | 1RB#49 | 22.05 | 16.75 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41390 | 1RB#24 | 21.78 | 16.48 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41390 | 25RB#0 | 21.41 | 16.11 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41390 | 25RB#12 | 21.46 | 16.16 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41390 | 25RB#25 | 21.54 | 16.24 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41390 | 50RB#0 | 21.57 | 16.27 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 1RB#74 | 22.87 | 17.57 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 1RB#38 | 22.83 | 17.53 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 1RB#0 | 22.82 | 17.52 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 36RB#39 | 22.03 | 16.73 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 36RB#18 | 22.01 | 16.71 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 36RB#0 | 21.95 | 16.65 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 75RB#0 | 21.83 | 16.53 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40840 | 1RB#0 | 22.85 | 17.55 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40840 | 1RB#38 | 22.89 | 17.59 | 33.00 | PASS |

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

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band41 | 15MHz | QPSK | 40840 | 1RB#74 | 22.80 | 17.5 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40840 | 36RB#0 | 22.12 | 16.82 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40840 | 36RB#18 | 22.07 | 16.77 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40840 | 36RB#39 | 22.04 | 16.74 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40840 | 75RB#0 | 21.98 | 16.68 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 41365 | 1RB#0 | 22.68 | 17.38 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 41365 | 1RB#38 | 22.84 | 17.54 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 41365 | 1RB#74 | 22.75 | 17.45 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 41365 | 36RB#0 | 21.94 | 16.64 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 41365 | 36RB#18 | 22.01 | 16.71 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 41365 | 36RB#39 | 21.91 | 16.61 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 41365 | 75RB#0 | 21.81 | 16.51 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 1RB#38 | 21.75 | 16.45 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 1RB#0 | 21.56 | 16.26 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 1RB#74 | 21.55 | 16.25 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 36RB#0 | 21.28 | 15.98 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 36RB#39 | 21.10 | 15.8 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 36RB#18 | 21.19 | 15.89 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 75RB#0 | 21.15 | 15.85 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40840 | 1RB#38 | 21.49 | 16.19 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40840 | 1RB#74 | 21.85 | 16.55 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40840 | 1RB#0 | 21.57 | 16.27 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40840 | 36RB#0 | 21.49 | 16.19 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40840 | 36RB#18 | 21.57 | 16.27 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40840 | 36RB#39 | 21.53 | 16.23 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40840 | 75RB#0 | 21.50 | 16.2 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41365 | 1RB#0 | 21.70 | 16.4 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41365 | 1RB#38 | 21.67 | 16.37 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41365 | 1RB#74 | 21.80 | 16.5 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41365 | 36RB#0 | 21.45 | 16.15 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41365 | 36RB#18 | 21.50 | 16.2 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41365 | 36RB#39 | 21.56 | 16.26 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41365 | 75RB#0 | 21.57 | 16.27 | 33.00 | PASS |

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

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band41 | 20MHz | QPSK | 40340 | 1RB#0 | 22.58 | 17.28 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 1RB#49 | 22.94 | 17.64 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 1RB#99 | 22.55 | 17.25 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 50RB#25 | 21.98 | 16.68 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 50RB#0 | 21.99 | 16.69 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 50RB#50 | 21.86 | 16.56 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 100RB#0 | 21.84 | 16.54 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40840 | 1RB#99 | 22.60 | 17.3 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40840 | 1RB#0 | 23.13 | 17.83 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40840 | 1RB#49 | 22.68 | 17.38 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40840 | 50RB#0 | 22.08 | 16.78 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40840 | 50RB#25 | 22.09 | 16.79 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40840 | 50RB#50 | 22.01 | 16.71 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40840 | 100RB#0 | 21.98 | 16.68 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 41340 | 1RB#49 | 22.48 | 17.18 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 41340 | 1RB#0 | 23.01 | 17.71 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 41340 | 1RB#99 | 22.54 | 17.24 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 41340 | 50RB#25 | 22.05 | 16.75 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 41340 | 50RB#0 | 21.96 | 16.66 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 41340 | 50RB#50 | 21.84 | 16.54 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 41340 | 100RB#0 | 21.82 | 16.52 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#0 | 21.46 | 16.16 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#49 | 21.58 | 16.28 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#99 | 21.26 | 15.96 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 50RB#0 | 21.32 | 16.02 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 50RB#25 | 21.11 | 15.81 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 50RB#50 | 21.21 | 15.91 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 100RB#0 | 21.20 | 15.9 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40840 | 1RB#0 | 21.43 | 16.13 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40840 | 1RB#99 | 21.87 | 16.57 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40840 | 1RB#49 | 21.45 | 16.15 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40840 | 50RB#0 | 21.54 | 16.24 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40840 | 50RB#25 | 21.59 | 16.29 | 33.00 | PASS |

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

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band41 | 20MHz | 16QAM | 40840 | 50RB#50 | 21.56 | 16.26 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40840 | 100RB#0 | 21.54 | 16.24 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41340 | 1RB#0 | 21.32 | 16.02 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41340 | 1RB#99 | 21.77 | 16.47 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41340 | 1RB#49 | 21.67 | 16.37 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41340 | 50RB#50 | 21.49 | 16.19 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41340 | 50RB#25 | 21.55 | 16.25 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41340 | 50RB#0 | 21.58 | 16.28 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41340 | 100RB#0 | 21.55 | 16.25 | 33.00 | PASS |

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

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

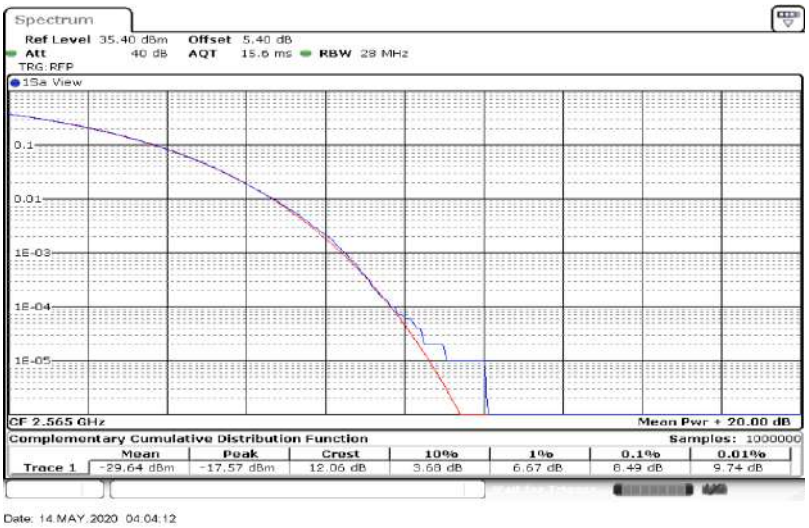
# 2 Peak-to-Average Ratio (CCDF)

## 2.1 Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|---|---|---|---|---|---|---|---|
| Band41 | 20MHz | QPSK | 40340 | 100RB#0 | 8.49 | 13 | PASS |
| Band41 | 20MHz | QPSK | 40840 | 100RB#0 | 8.55 | 13 | PASS |
| Band41 | 20MHz | QPSK | 41340 | 100RB#0 | 9.16 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 27RB#0 | 5.65 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 40840 | 27RB#0 | 9.30 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 41340 | 27RB#0 | 9.19 | 13 | PASS |

## 2.2 Test Plots

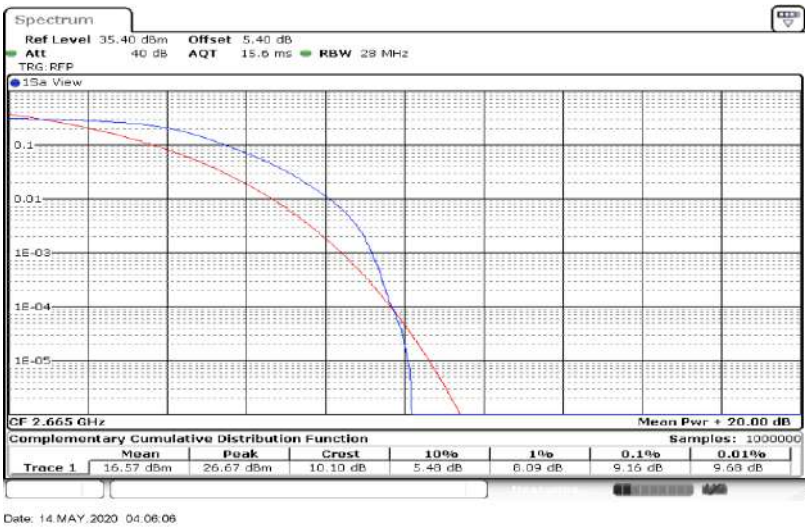
Band41-20MHz-QPSK-40340-100RB#0




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)

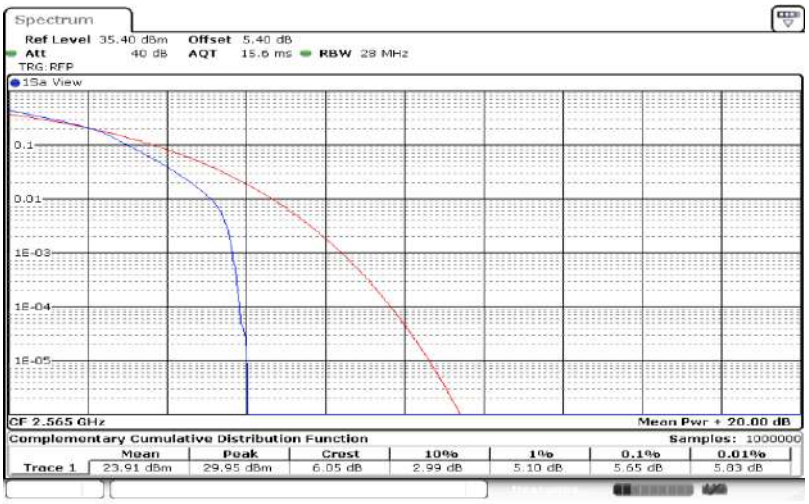
Band41-20MHz-QPSK-40840-100RB#0

Band41-20MHz-QPSK-41340-100RB#0



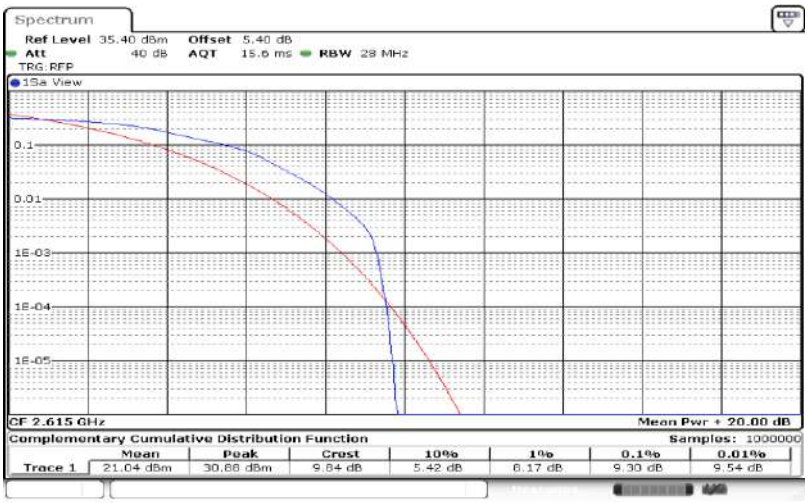

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band41-20MHz-16QAM-40340-27RB#0




Date: 18.MAY.2020 04:36:51

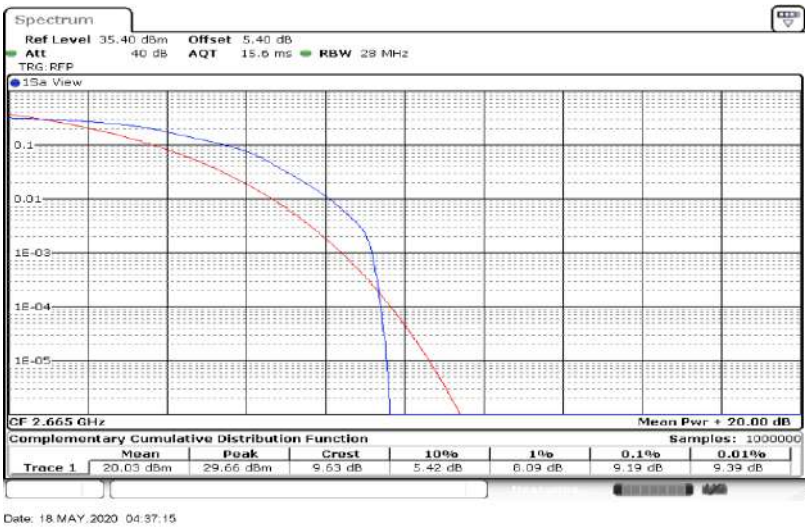
Band41-20MHz-16QAM-40840-27RB#0




Date: 18.MAY.2020 04:37:03

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)

Band41-20MHz-16QAM-41340-27RB#0

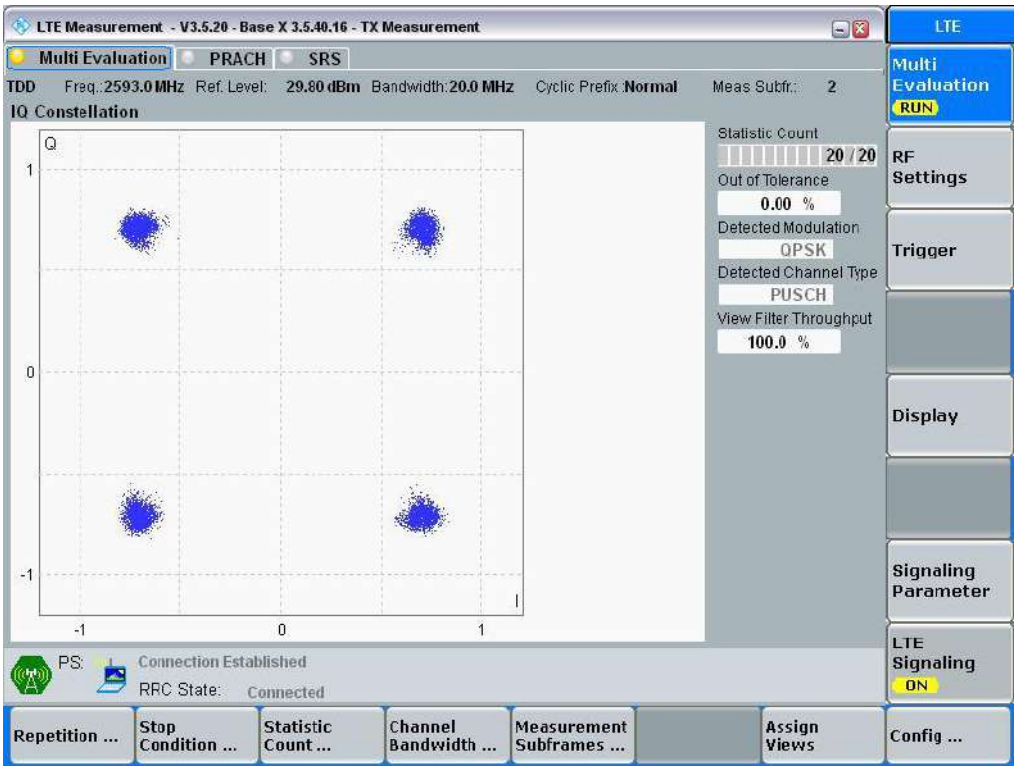



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

# 3 Modulation Characteristics

## 3.1 Test Mode = LTE /TM1 20MHz

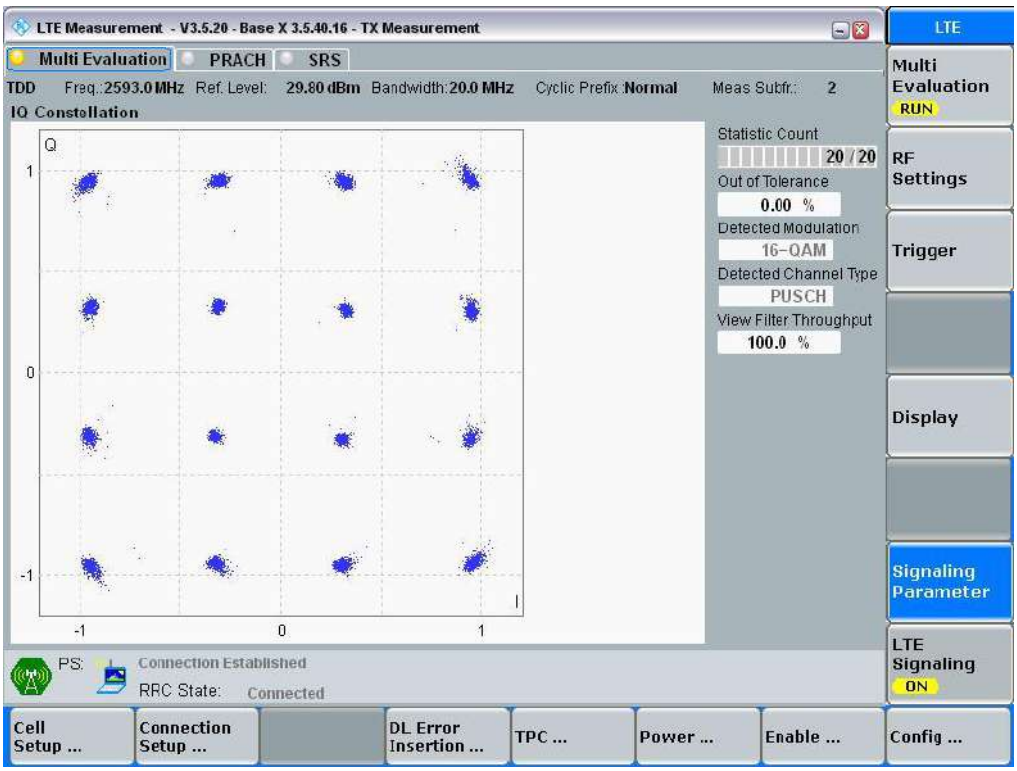
### 1.1.1. Test Channel = MCH




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)

## 3.2 Test Mode = LTE /TM2 20MHz

## 1.1.2. Test Channel = MCH




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)

# 4 26dB Bandwidth and Occupied Bandwidth

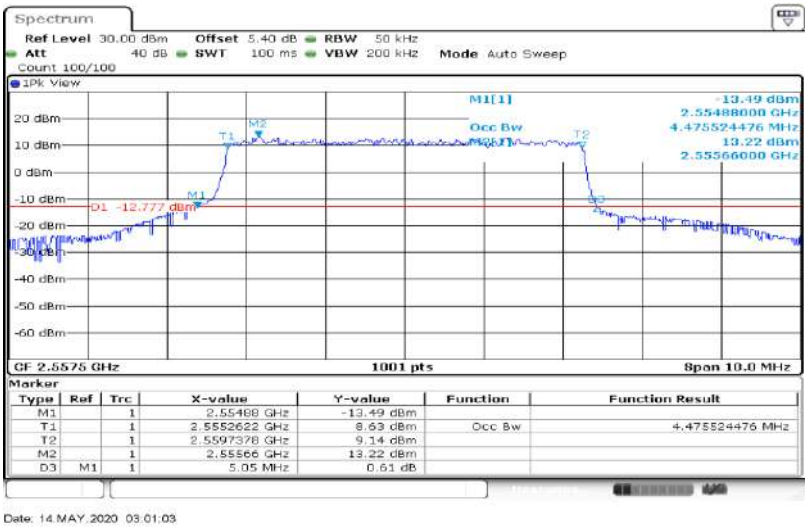
## 4.1 Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|---|---|---|---|---|---|---|---|
| Band41 | 5MHz | QPSK | 40265 | 25RB#0 | 4.476 | 5.050 | PASS |
| Band41 | 5MHz | QPSK | 40840 | 25RB#0 | 4.476 | 5.010 | PASS |
| Band41 | 5MHz | QPSK | 41415 | 25RB#0 | 4.486 | 5.090 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 25RB#0 | 4.466 | 5.090 | PASS |
| Band41 | 5MHz | 16QAM | 40840 | 25RB#0 | 4.466 | 5.020 | PASS |
| Band41 | 5MHz | 16QAM | 41415 | 25RB#0 | 4.466 | 5.020 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 50RB#0 | 9.111 | 12.380 | PASS |
| Band41 | 10MHz | QPSK | 40840 | 50RB#0 | 9.071 | 11.980 | PASS |
| Band41 | 10MHz | QPSK | 41390 | 50RB#0 | 9.111 | 12.340 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 27RB#0 | 5.974 | 11.400 | PASS |
| Band41 | 10MHz | 16QAM | 40840 | 27RB#0 | 5.954 | 11.540 | PASS |
| Band41 | 10MHz | 16QAM | 41390 | 27RB#0 | 5.714 | 11.320 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 75RB#0 | 13.546 | 16.350 | PASS |
| Band41 | 15MHz | QPSK | 40840 | 75RB#0 | 13.487 | 16.110 | PASS |
| Band41 | 15MHz | QPSK | 41365 | 75RB#0 | 13.516 | 15.990 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 27RB#0 | 5.425 | 7.410 | PASS |
| Band41 | 15MHz | 16QAM | 40840 | 27RB#0 | 5.305 | 6.630 | PASS |
| Band41 | 15MHz | 16QAM | 41365 | 27RB#0 | 5.305 | 7.110 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 100RB#0 | 17.942 | 22.400 | PASS |
| Band41 | 20MHz | QPSK | 40840 | 100RB#0 | 17.942 | 19.440 | PASS |
| Band41 | 20MHz | QPSK | 41340 | 100RB#0 | 16.943 | 19.240 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 27RB#0 | 5.315 | 6.720 | PASS |
| Band41 | 20MHz | 16QAM | 40840 | 27RB#0 | 5.275 | 6.800 | PASS |
| Band41 | 20MHz | 16QAM | 41340 | 27RB#0 | 5.315 | 6.600 | 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
Member of the SGS Group (SGS SA)

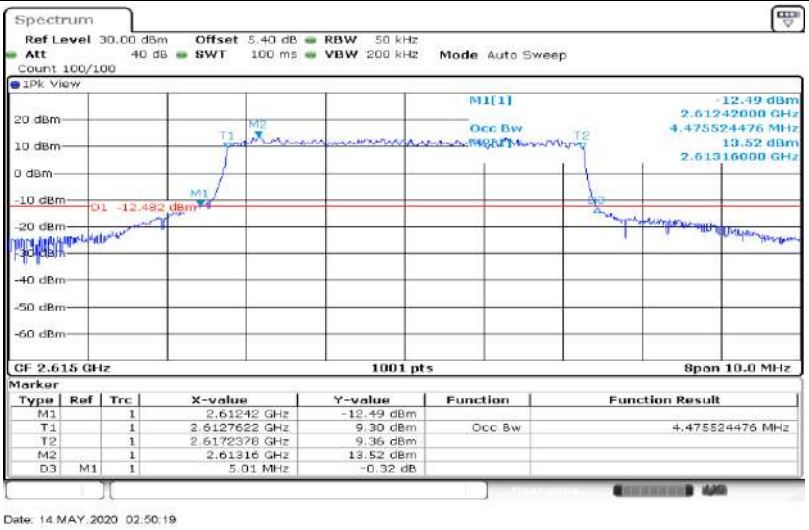
## 4.2 Test Plots

Band41-5MHz-QPSK-40265-25RB#0-4.476




Date: 14.MAY.2020 03:01:03

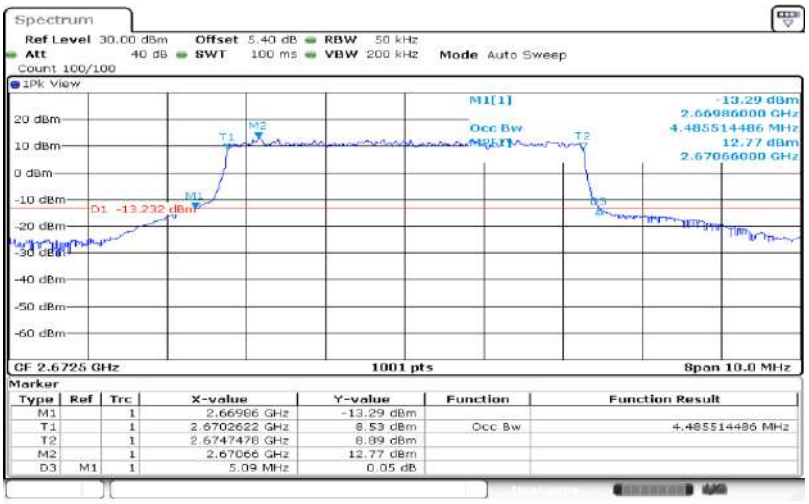
Band41-5MHz-QPSK-40840-25RB#0-4.476




Date: 14.MAY.2020 02:50:19

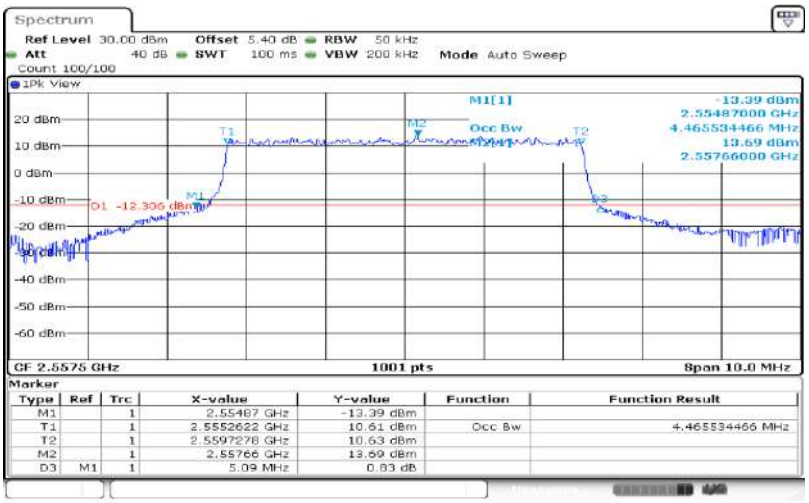
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band41-5MHz-QPSK-41415-25RB#0-4.486




Date: 14.MAY.2020 02:51:16

Band41-5MHz-16QAM-40265-25RB#0-4.466




Date: 15.MAY.2020 04:01:26

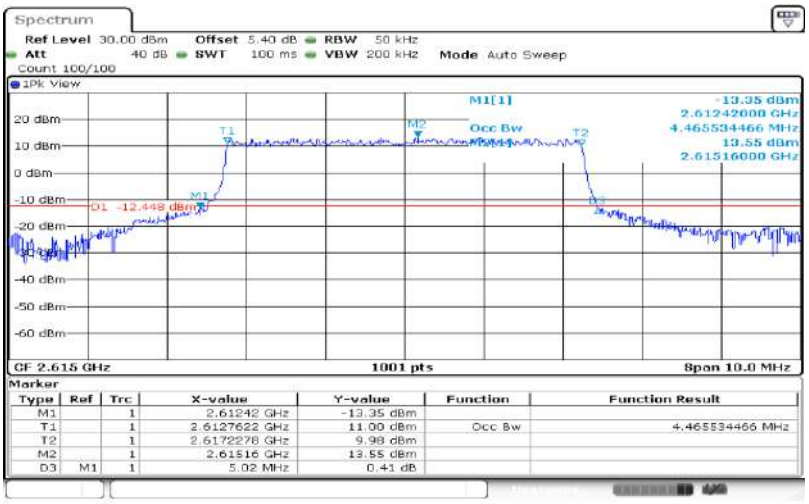
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

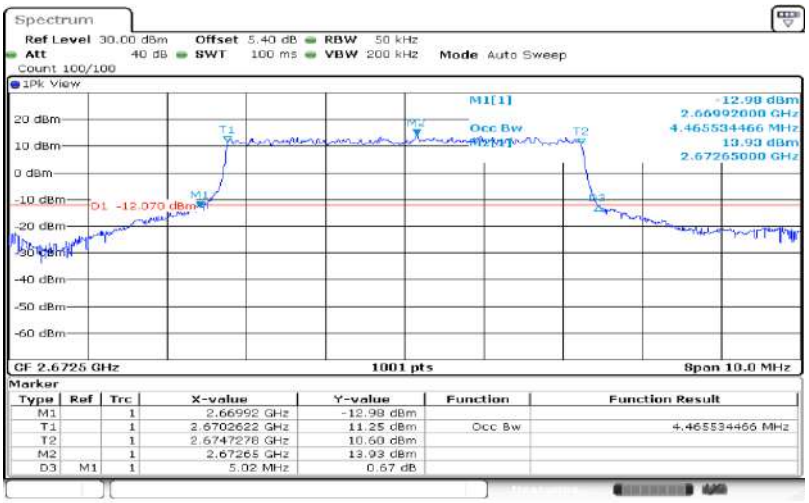
Member of the SGS Group (SGS SA)

Band41-5MHz-16QAM-40840-25RB#0-4.466




Date: 15.MAY.2020 04:02:19

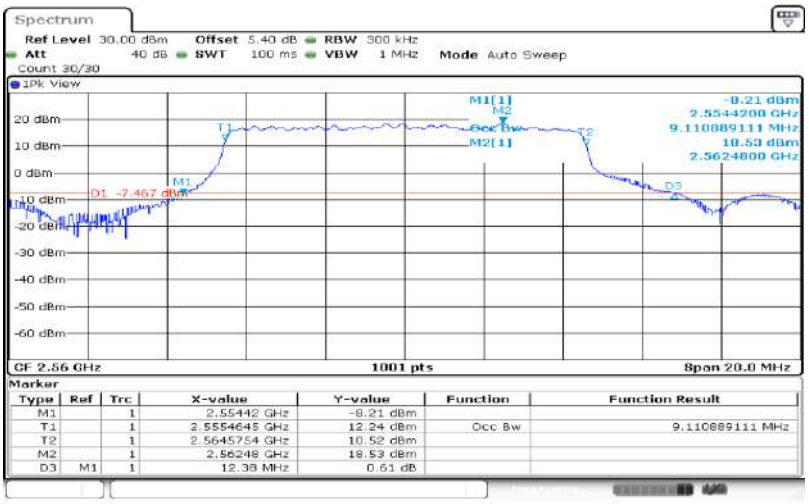
Band41-5MHz-16QAM-41415-25RB#0-4.466




Date: 15.MAY.2020 04:03:22

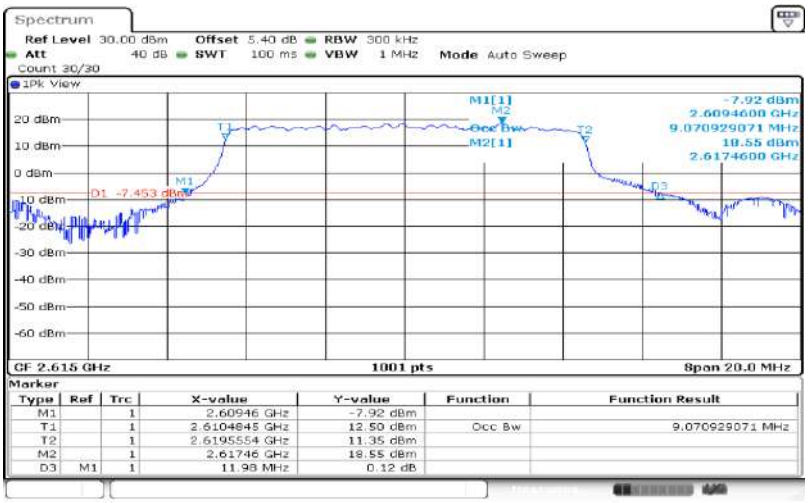
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band41-10MHz-QPSK-40290-50RB#0-9.111




Date: 14.MAY.2020 02:54:08

Band41-10MHz-QPSK-40840-50RB#0-9.071




Date: 14.MAY.2020 02:54:51

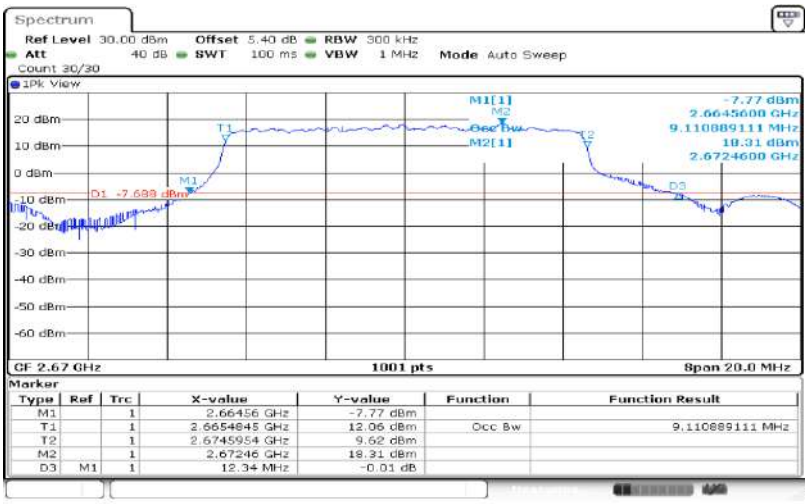
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

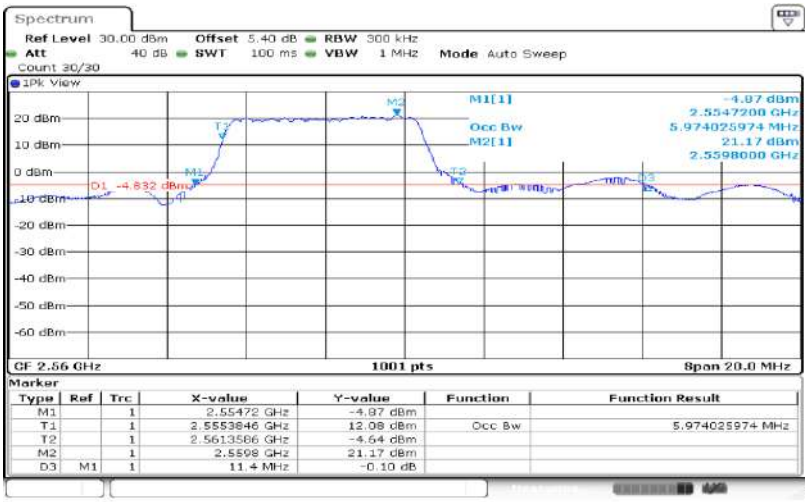
Member of the SGS Group (SGS SA)

Band41-10MHz-QPSK-41390-50RB#0-9.111




Date: 14.MAY.2020 02:56:05

Band41-10MHz-16QAM-40290-27RB#0-5.974




Date: 15.MAY.2020 04:07:07

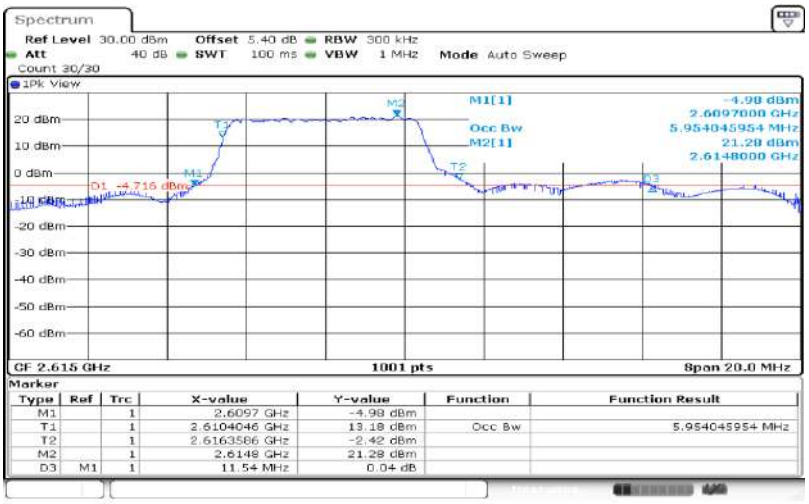
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

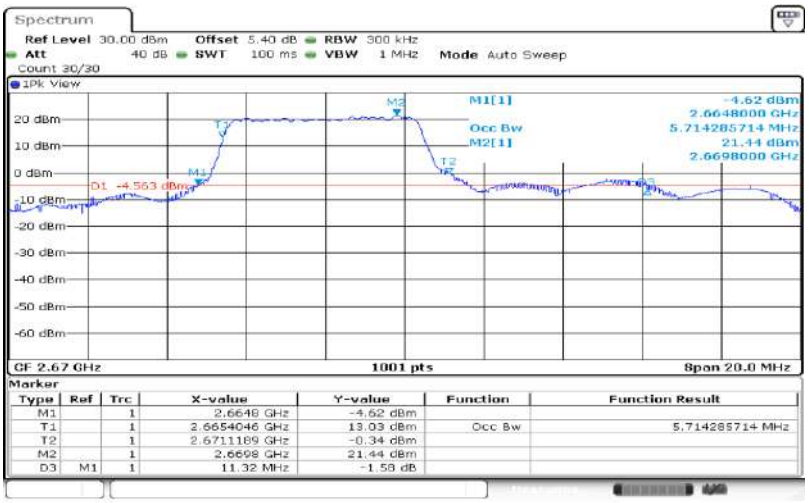
Member of the SGS Group (SGS SA)

Band41-10MHz-16QAM-40840-27RB#0-5.954




Date: 15.MAY.2020 04:14:42

Band41-10MHz-16QAM-41390-27RB#0-5.714




Date: 15.MAY.2020 04:17:27

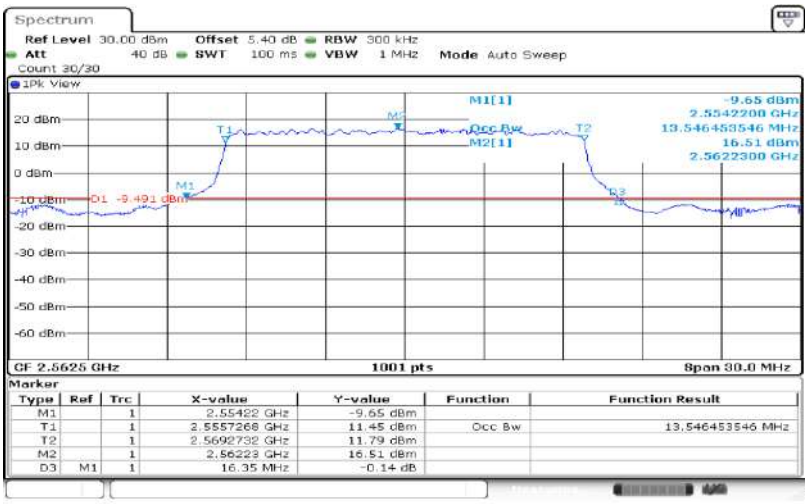
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

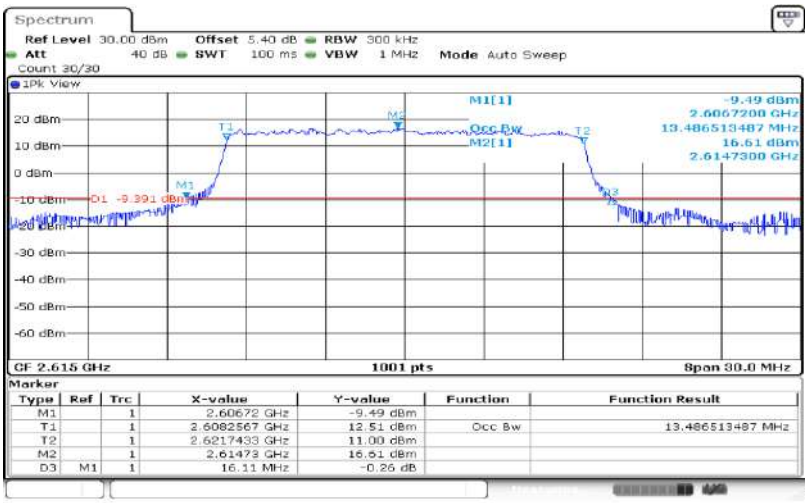
Member of the SGS Group (SGS SA)

Band41-15MHz-QPSK-40315-75RB#0-13.546




Date: 14.MAY.2020 03:38:36

Band41-15MHz-QPSK-40840-75RB#0-13.487




Date: 14.MAY.2020 03:39:37

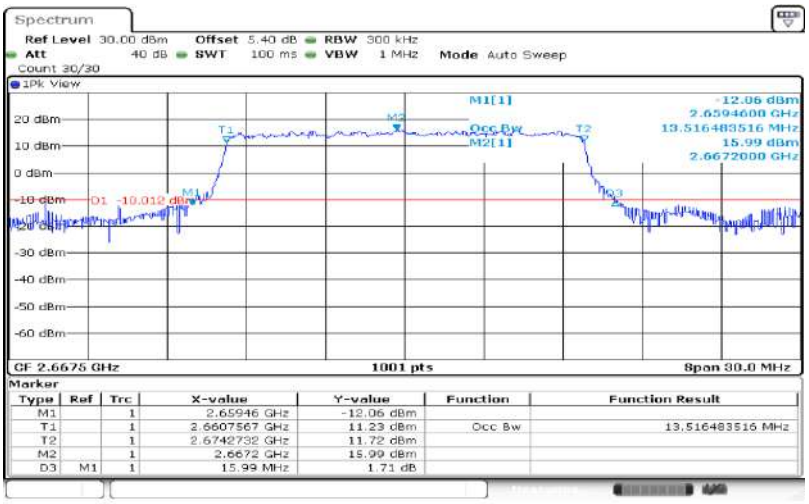
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

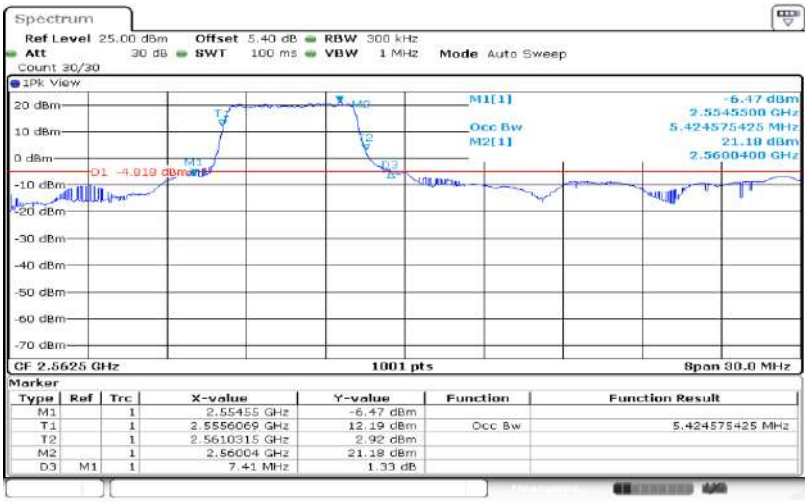
Member of the SGS Group (SGS SA)

Band41-15MHz-QPSK-41365-75RB#0-13.516




Date: 14.MAY.2020 03:40:22

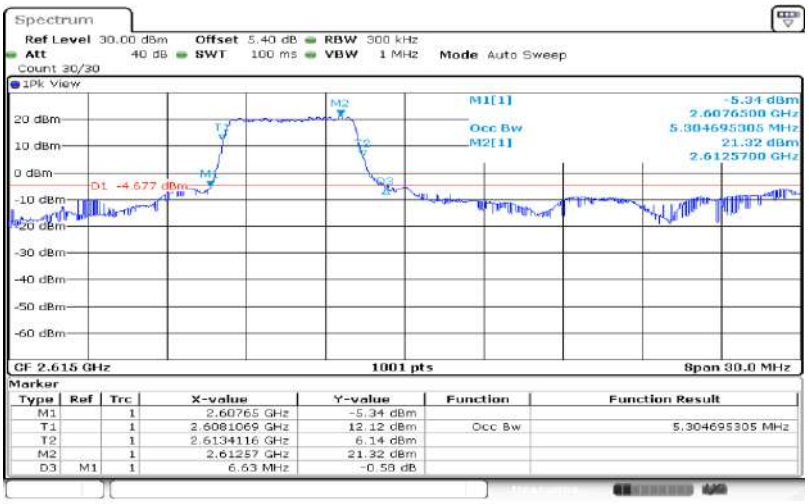
Band41-15MHz-16QAM-40315-27RB#0-5.425



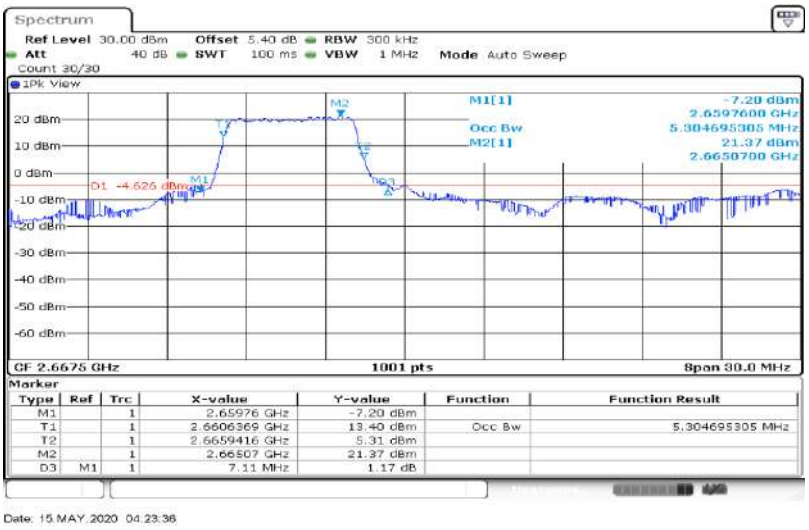

Date: 15.MAY.2020 04:21:30

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)

Band41-15MHz-16QAM-40840-27RB#0-5.305

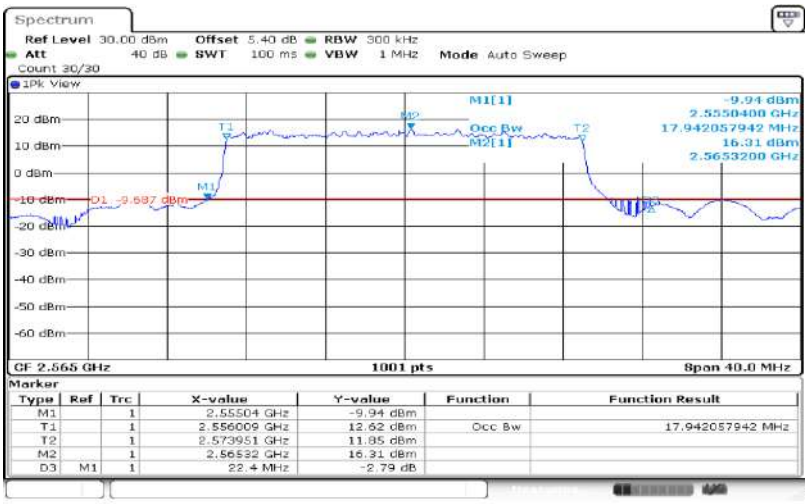



Band41-15MHz-16QAM-41365-27RB#0-5.305

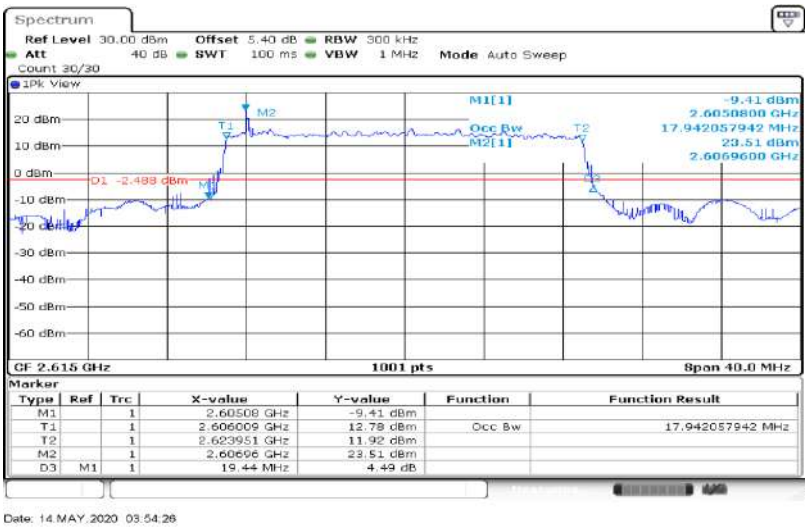



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band41-20MHz-QPSK-40340-100RB#0-17.942

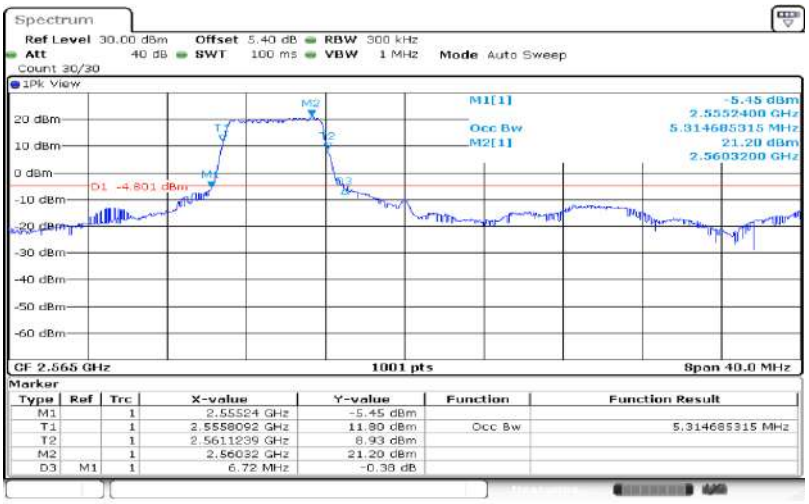



Band41-20MHz-QPSK-40840-100RB#0-17.942




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)

Band41-20MHz-16QAM-40340-27RB#0-5.315




Band41-20MHz-16QAM-40840-27RB#0-5.275

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)

Band41-20MHz-16QAM-41340-27RB#0-5.315

Date: 15.MAY.2020 04:27:19

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

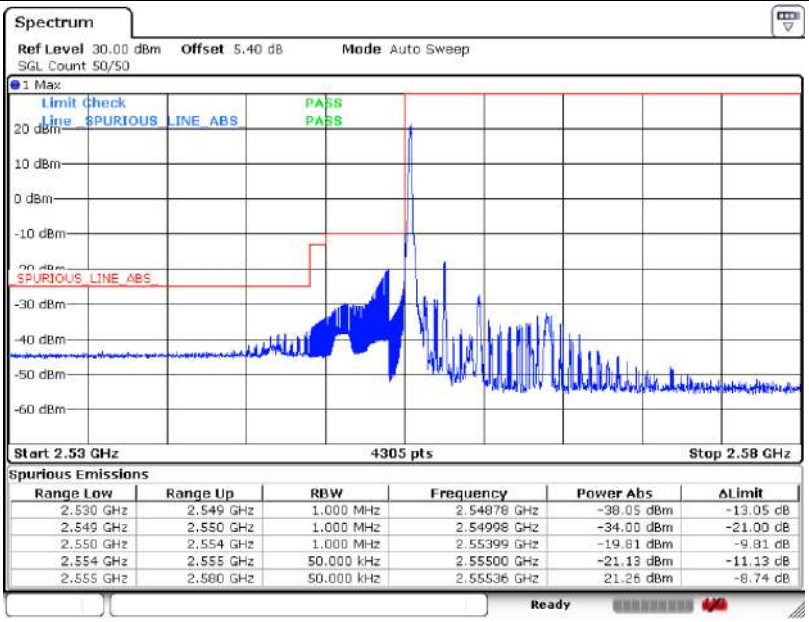
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

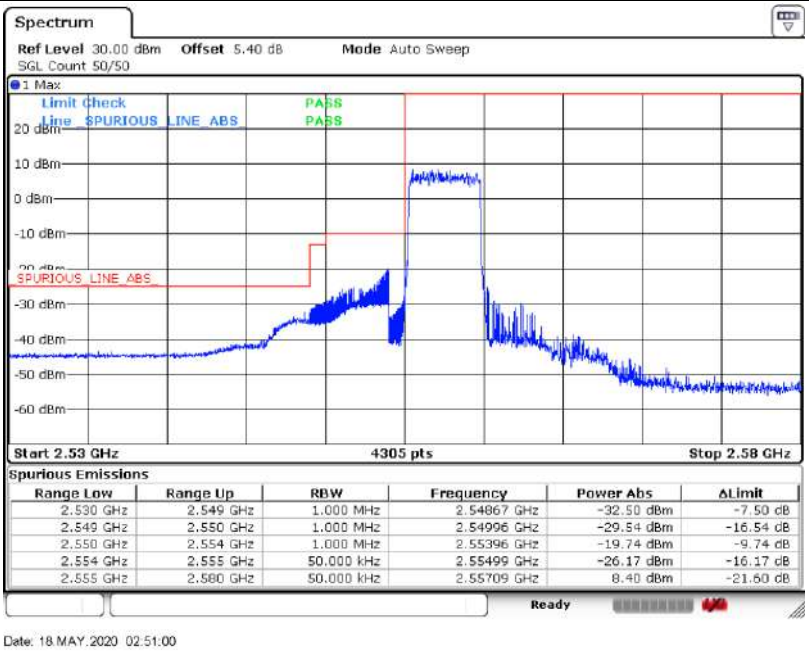
# 5 Band Edge Compliance

## 5.1 Test Plots

Band41-5MHz-QPSK-40265-1RB#0

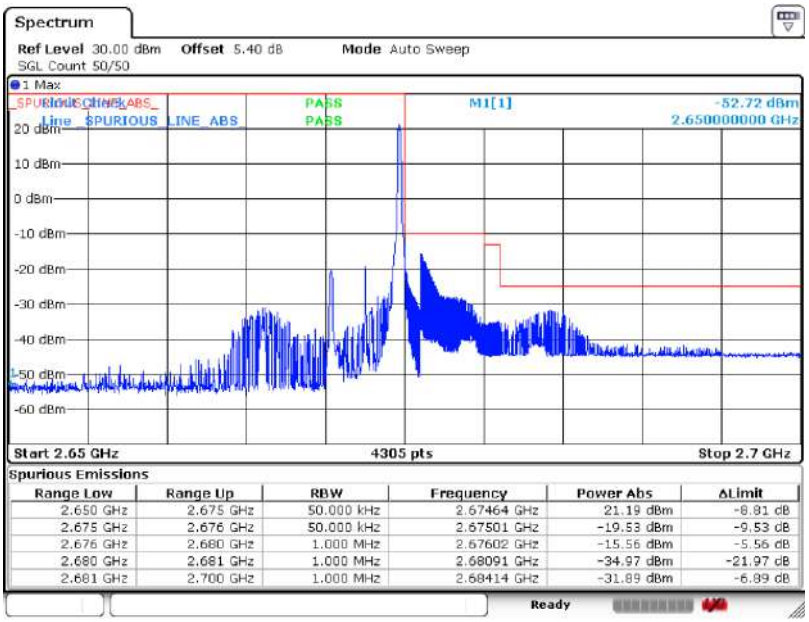



Band41-5MHz-QPSK-40265-25RB#0




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)

Band41-5MHz-QPSK-41415-1RB#24




Date: 18.MAY.2020 03:05:47

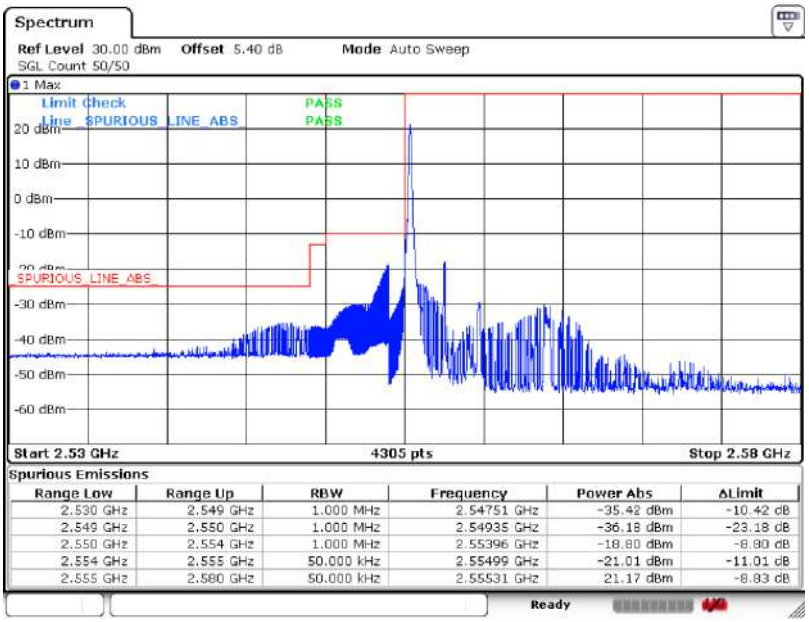
Band41-5MHz-QPSK-41415-25RB#0

Date: 18.MAY.2020 03:06:23

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

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

Band41-5MHz-16QAM-40265-1RB#0

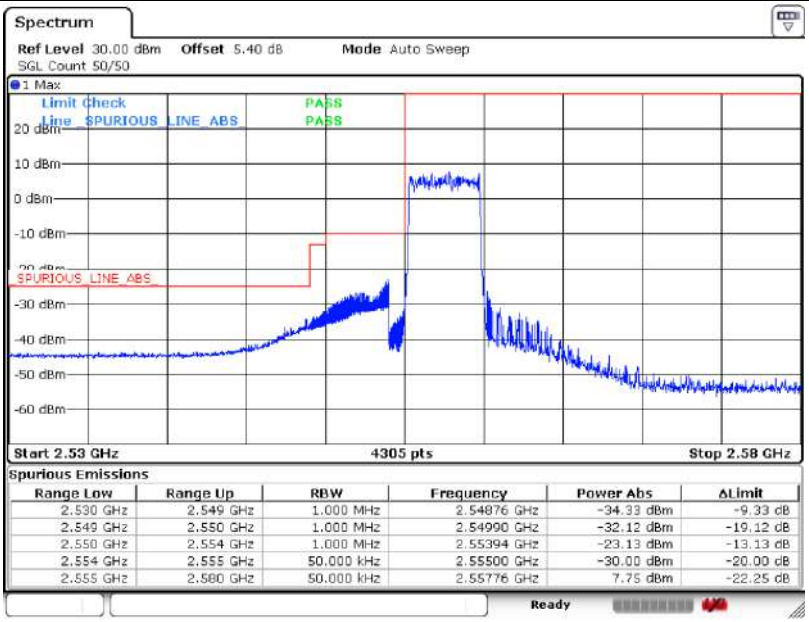



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.530 GHz | 2.549 GHz | 1.000 MHz | 2.54751 GHz | -35.42 dBm | -10.42 dB |
| 2.549 GHz | 2.550 GHz | 1.000 MHz | 2.54935 GHz | -36.18 dBm | -23.18 dB |
| 2.550 GHz | 2.554 GHz | 1.000 MHz | 2.55396 GHz | -18.80 dBm | -8.80 dB |
| 2.554 GHz | 2.555 GHz | 50.000 kHz | 2.55499 GHz | -21.01 dBm | -11.01 dB |
| 2.555 GHz | 2.580 GHz | 50.000 kHz | 2.55531 GHz | 21.17 dBm | -8.83 dB |

Date: 18.MAY.2020 03:00:47

Band41-5MHz-16QAM-40265-25RB#0




Spurious Emissions

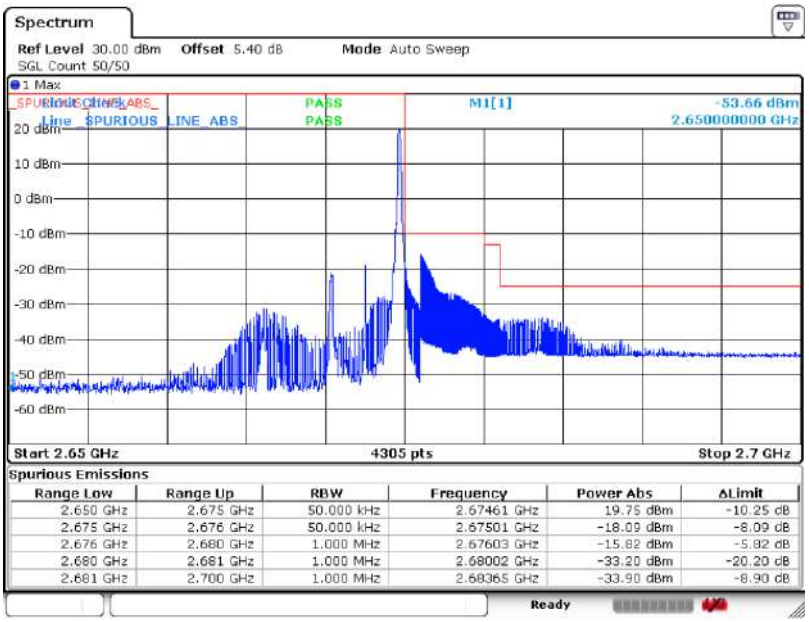
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.530 GHz | 2.549 GHz | 1.000 MHz | 2.54876 GHz | -34.33 dBm | -9.33 dB |
| 2.549 GHz | 2.550 GHz | 1.000 MHz | 2.54990 GHz | -32.12 dBm | -19.12 dB |
| 2.550 GHz | 2.554 GHz | 1.000 MHz | 2.55394 GHz | -23.13 dBm | -13.13 dB |
| 2.554 GHz | 2.555 GHz | 50.000 kHz | 2.55500 GHz | -30.00 dBm | -20.00 dB |
| 2.555 GHz | 2.580 GHz | 50.000 kHz | 2.55776 GHz | 7.75 dBm | -22.25 dB |

Date: 18.MAY.2020 03:02:29

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

Band41-5MHz-16QAM-41415-1RB#24

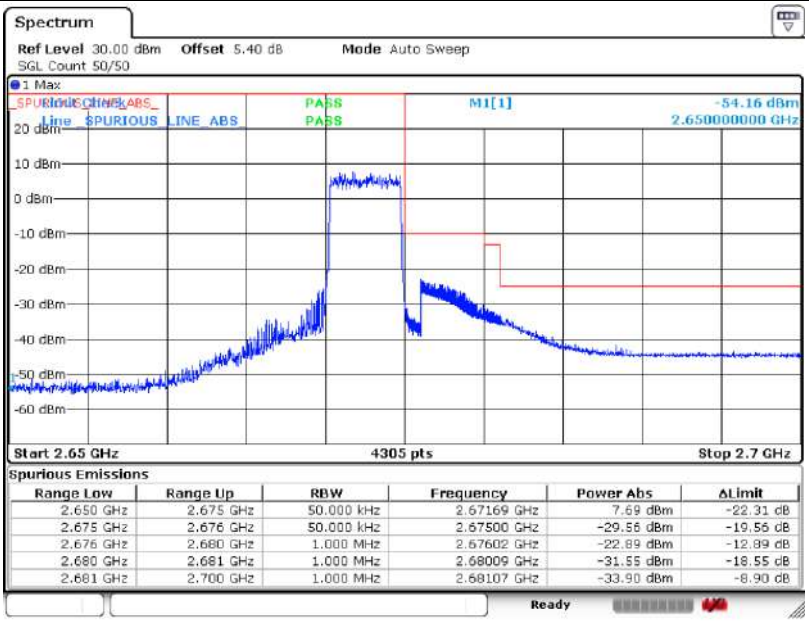



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.650 GHz | 2.675 GHz | 50.000 kHz | 2.67461 GHz | 19.75 dBm | -10.25 dB |
| 2.675 GHz | 2.676 GHz | 50.000 kHz | 2.67501 GHz | -18.09 dBm | -8.09 dB |
| 2.676 GHz | 2.680 GHz | 1.000 MHz | 2.67603 GHz | -15.82 dBm | -5.82 dB |
| 2.680 GHz | 2.681 GHz | 1.000 MHz | 2.68002 GHz | -33.20 dBm | -20.20 dB |
| 2.681 GHz | 2.700 GHz | 1.000 MHz | 2.68365 GHz | -33.90 dBm | -8.90 dB |

Date: 18.MAY.2020 03:04:45

Band41-5MHz-16QAM-41415-25RB#0




Spurious Emissions

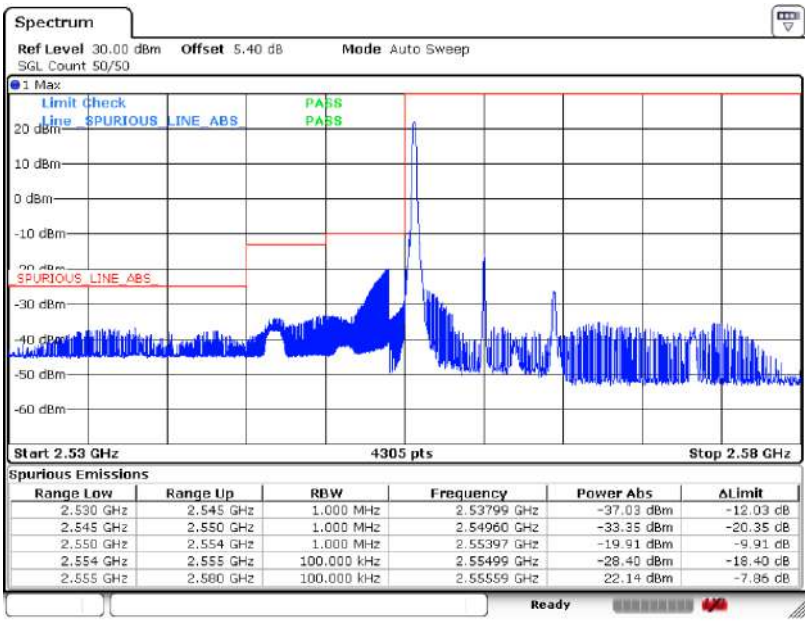
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.650 GHz | 2.675 GHz | 50.000 kHz | 2.67169 GHz | 7.69 dBm | -22.31 dB |
| 2.675 GHz | 2.676 GHz | 50.000 kHz | 2.67500 GHz | -29.56 dBm | -19.56 dB |
| 2.676 GHz | 2.680 GHz | 1.000 MHz | 2.67602 GHz | -22.89 dBm | -12.89 dB |
| 2.680 GHz | 2.681 GHz | 1.000 MHz | 2.68009 GHz | -31.55 dBm | -18.55 dB |
| 2.681 GHz | 2.700 GHz | 1.000 MHz | 2.68107 GHz | -33.90 dBm | -8.90 dB |

Date: 18.MAY.2020 03:03:50

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

Band41-10MHz-QPSK-40290-1RB#0

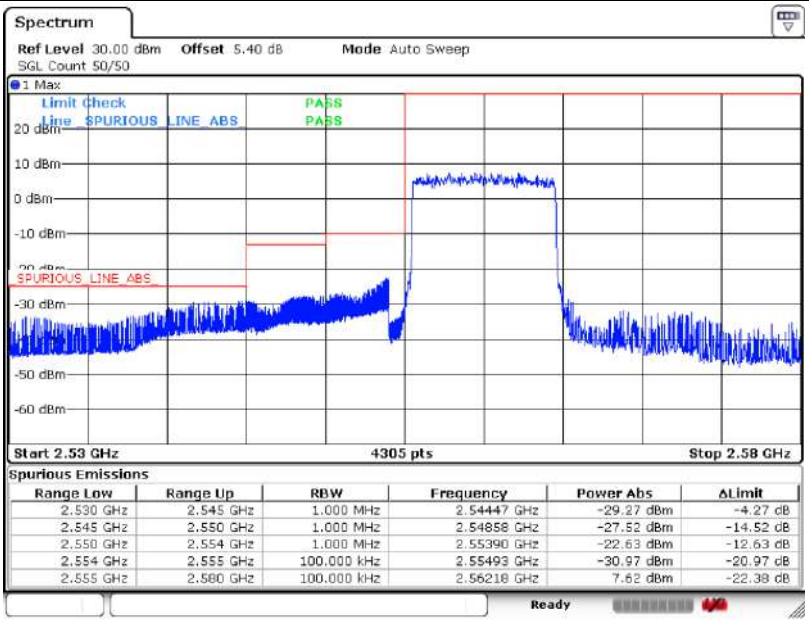



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.530 GHz | 2.545 GHz | 1.000 MHz | 2.53799 GHz | -37.03 dBm | -12.03 dB |
| 2.545 GHz | 2.550 GHz | 1.000 MHz | 2.54960 GHz | -33.35 dBm | -20.35 dB |
| 2.550 GHz | 2.554 GHz | 1.000 MHz | 2.55397 GHz | -19.91 dBm | -9.91 dB |
| 2.554 GHz | 2.555 GHz | 100.000 kHz | 2.55499 GHz | -28.40 dBm | -18.40 dB |
| 2.555 GHz | 2.580 GHz | 100.000 kHz | 2.55559 GHz | 22.14 dBm | -7.86 dB |

Date: 18.MAY.2020 03:11:15

Band41-10MHz-QPSK-40290-50RB#0




Spurious Emissions

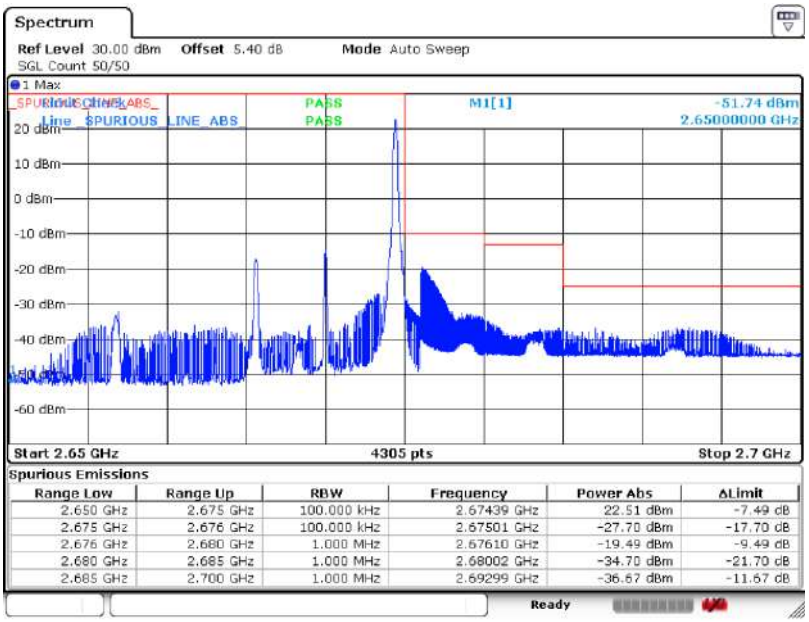
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.530 GHz | 2.545 GHz | 1.000 MHz | 2.54447 GHz | -29.27 dBm | -4.27 dB |
| 2.545 GHz | 2.550 GHz | 1.000 MHz | 2.54858 GHz | -27.52 dBm | -14.52 dB |
| 2.550 GHz | 2.554 GHz | 1.000 MHz | 2.55390 GHz | -22.63 dBm | -12.63 dB |
| 2.554 GHz | 2.555 GHz | 100.000 kHz | 2.55493 GHz | -30.97 dBm | -20.97 dB |
| 2.555 GHz | 2.580 GHz | 100.000 kHz | 2.56218 GHz | 7.62 dBm | -22.38 dB |

Date: 18.MAY.2020 03:10:46

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

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

Band41-10MHz-QPSK-41390-1RB#49

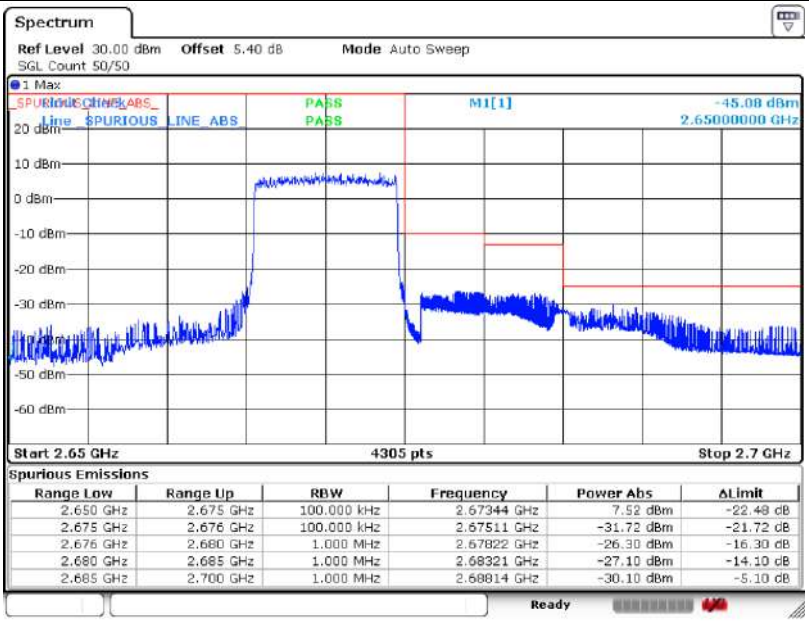



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.650 GHz | 2.675 GHz | 100.000 kHz | 2.67439 GHz | 22.51 dBm | -7.49 dB |
| 2.675 GHz | 2.676 GHz | 100.000 kHz | 2.67501 GHz | -27.70 dBm | -17.70 dB |
| 2.676 GHz | 2.680 GHz | 1.000 MHz | 2.67610 GHz | -19.49 dBm | -9.49 dB |
| 2.680 GHz | 2.685 GHz | 1.000 MHz | 2.68002 GHz | -34.70 dBm | -21.70 dB |
| 2.685 GHz | 2.700 GHz | 1.000 MHz | 2.69299 GHz | -36.67 dBm | -11.67 dB |

Date: 18.MAY.2020 03:17:33

Band41-10MHz-QPSK-41390-50RB#0




Spurious Emissions

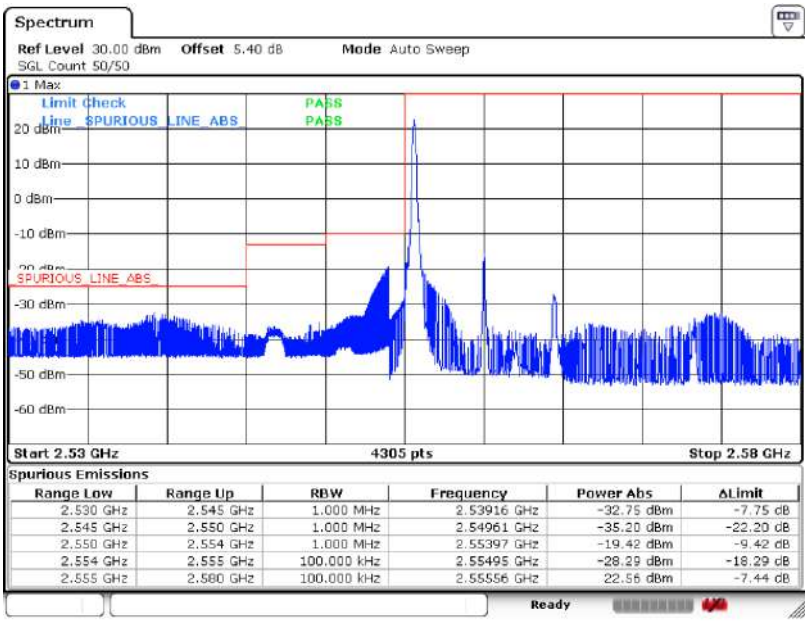
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.650 GHz | 2.675 GHz | 100.000 kHz | 2.67344 GHz | 7.52 dBm | -22.48 dB |
| 2.675 GHz | 2.676 GHz | 100.000 kHz | 2.67511 GHz | -31.72 dBm | -21.72 dB |
| 2.676 GHz | 2.680 GHz | 1.000 MHz | 2.67822 GHz | -26.30 dBm | -16.30 dB |
| 2.680 GHz | 2.685 GHz | 1.000 MHz | 2.68321 GHz | -27.10 dBm | -14.10 dB |
| 2.685 GHz | 2.700 GHz | 1.000 MHz | 2.68814 GHz | -30.10 dBm | -5.10 dB |

Date: 18.MAY.2020 03:18:07

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

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

Band41-10MHz-16QAM-40290-1RB#0

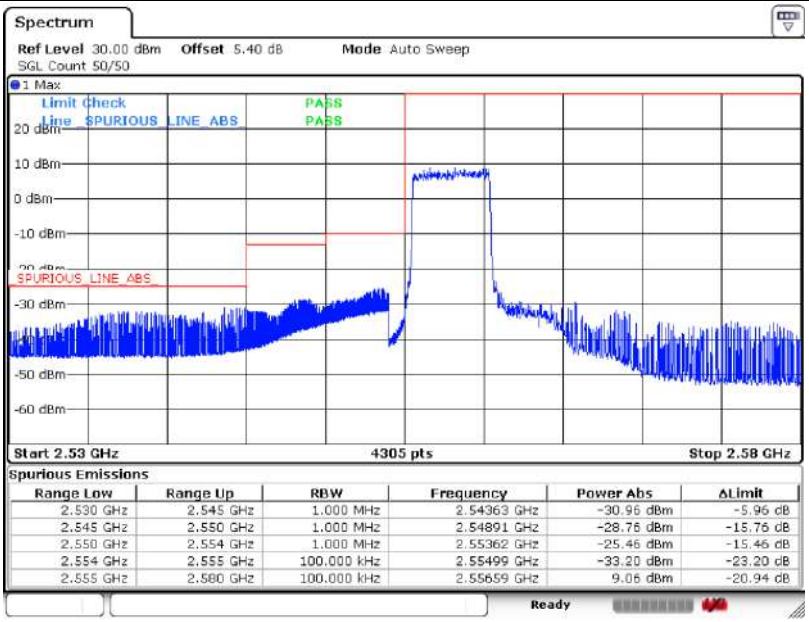



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.530 GHz | 2.545 GHz | 1.000 MHz | 2.53916 GHz | -32.75 dBm | -7.75 dB |
| 2.545 GHz | 2.550 GHz | 1.000 MHz | 2.54961 GHz | -35.20 dBm | -22.20 dB |
| 2.550 GHz | 2.554 GHz | 1.000 MHz | 2.55397 GHz | -19.42 dBm | -9.42 dB |
| 2.554 GHz | 2.555 GHz | 100.000 kHz | 2.55495 GHz | -28.29 dBm | -18.29 dB |
| 2.555 GHz | 2.580 GHz | 100.000 kHz | 2.55556 GHz | 22.56 dBm | -7.44 dB |

Date: 18.MAY.2020 03:13:38

Band41-10MHz-16QAM -40290-50RB#0




Spurious Emissions

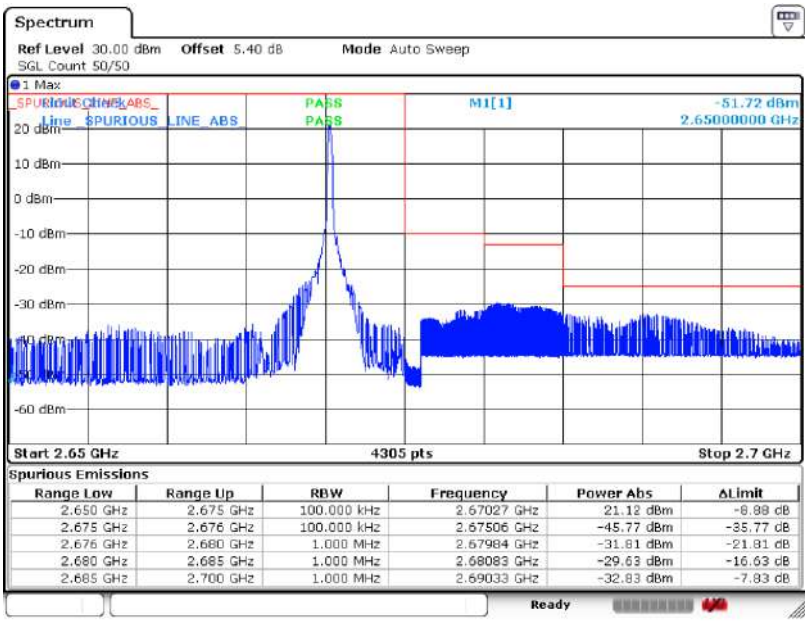
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.530 GHz | 2.545 GHz | 1.000 MHz | 2.54363 GHz | -30.96 dBm | -5.96 dB |
| 2.545 GHz | 2.550 GHz | 1.000 MHz | 2.54891 GHz | -28.76 dBm | -15.76 dB |
| 2.550 GHz | 2.554 GHz | 1.000 MHz | 2.55362 GHz | -25.46 dBm | -15.46 dB |
| 2.554 GHz | 2.555 GHz | 100.000 kHz | 2.55499 GHz | -33.20 dBm | -23.20 dB |
| 2.555 GHz | 2.580 GHz | 100.000 kHz | 2.55659 GHz | 9.06 dBm | -20.94 dB |

Date: 18.MAY.2020 03:14:17

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

Band41-10MHz-16QAM -41390-1RB#49

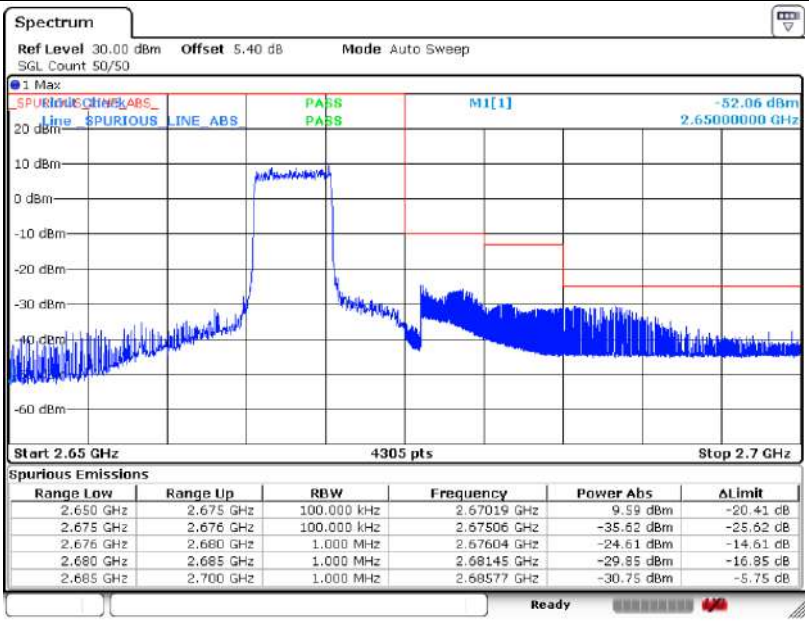



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.650 GHz | 2.675 GHz | 100.000 kHz | 2.67027 GHz | 21.12 dBm | -8.88 dB |
| 2.675 GHz | 2.676 GHz | 100.000 kHz | 2.67506 GHz | -45.77 dBm | -35.77 dB |
| 2.676 GHz | 2.680 GHz | 1.000 MHz | 2.67984 GHz | -31.81 dBm | -21.81 dB |
| 2.680 GHz | 2.685 GHz | 1.000 MHz | 2.68083 GHz | -29.63 dBm | -16.63 dB |
| 2.685 GHz | 2.700 GHz | 1.000 MHz | 2.69033 GHz | -32.83 dBm | -7.83 dB |

Date: 18.MAY.2020 03:16:14

Band41-10MHz-16QAM -41390-50RB#0




Spurious Emissions

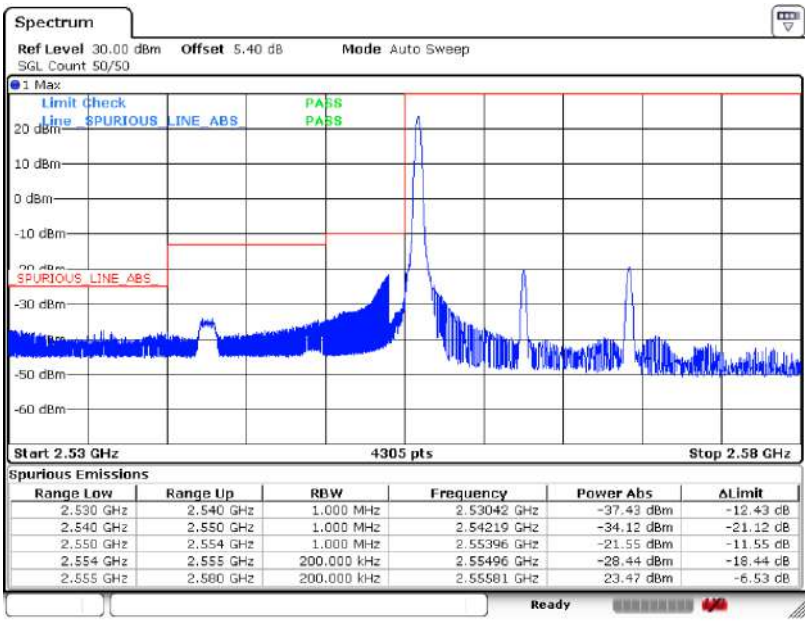
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.650 GHz | 2.675 GHz | 100.000 kHz | 2.67019 GHz | 9.59 dBm | -20.41 dB |
| 2.675 GHz | 2.676 GHz | 100.000 kHz | 2.67506 GHz | -35.62 dBm | -25.62 dB |
| 2.676 GHz | 2.680 GHz | 1.000 MHz | 2.67604 GHz | -24.61 dBm | -14.61 dB |
| 2.680 GHz | 2.685 GHz | 1.000 MHz | 2.68145 GHz | -29.85 dBm | -16.85 dB |
| 2.685 GHz | 2.700 GHz | 1.000 MHz | 2.68577 GHz | -30.75 dBm | -5.75 dB |

Date: 18.MAY.2020 03:15:17

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

Band41-15MHz-QPSK-40315-1RB#0

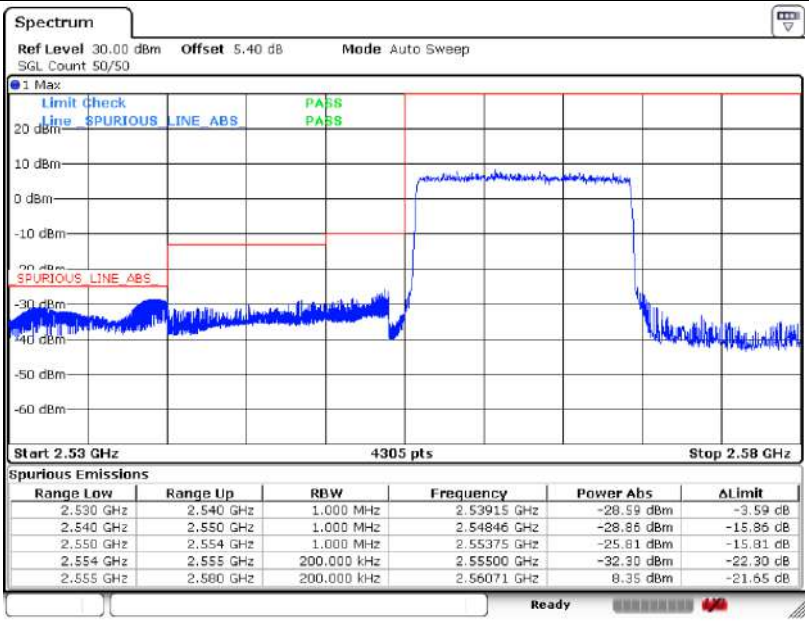



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.530 GHz | 2.540 GHz | 1.000 MHz | 2.53042 GHz | -37.43 dBm | -12.43 dB |
| 2.540 GHz | 2.550 GHz | 1.000 MHz | 2.54219 GHz | -34.12 dBm | -21.12 dB |
| 2.550 GHz | 2.554 GHz | 1.000 MHz | 2.55396 GHz | -21.55 dBm | -11.55 dB |
| 2.554 GHz | 2.555 GHz | 200.000 kHz | 2.55496 GHz | -28.44 dBm | -18.44 dB |
| 2.555 GHz | 2.580 GHz | 200.000 kHz | 2.55581 GHz | 23.47 dBm | -6.53 dB |

Date: 18.MAY.2020 03:29:32

Band41-15MHz-QPSK-40315-75RB#0




Spurious Emissions

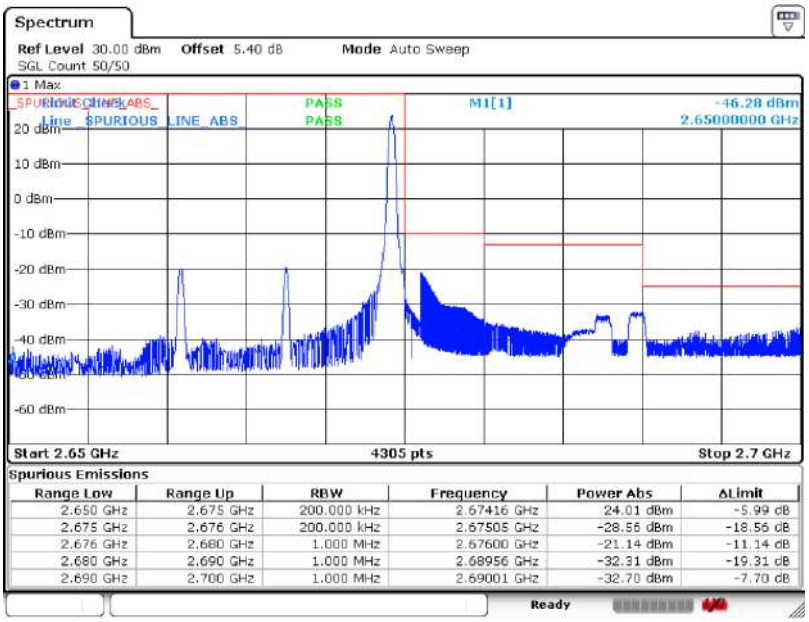
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.530 GHz | 2.540 GHz | 1.000 MHz | 2.53915 GHz | -28.59 dBm | -3.59 dB |
| 2.540 GHz | 2.550 GHz | 1.000 MHz | 2.54846 GHz | -28.86 dBm | -15.86 dB |
| 2.550 GHz | 2.554 GHz | 1.000 MHz | 2.55375 GHz | -25.81 dBm | -15.81 dB |
| 2.554 GHz | 2.555 GHz | 200.000 kHz | 2.55500 GHz | -32.30 dBm | -22.30 dB |
| 2.555 GHz | 2.580 GHz | 200.000 kHz | 2.56071 GHz | 8.35 dBm | -21.65 dB |

Date: 18.MAY.2020 03:24:59

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

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

Band41-15MHz-QPSK-41365-1RB#74

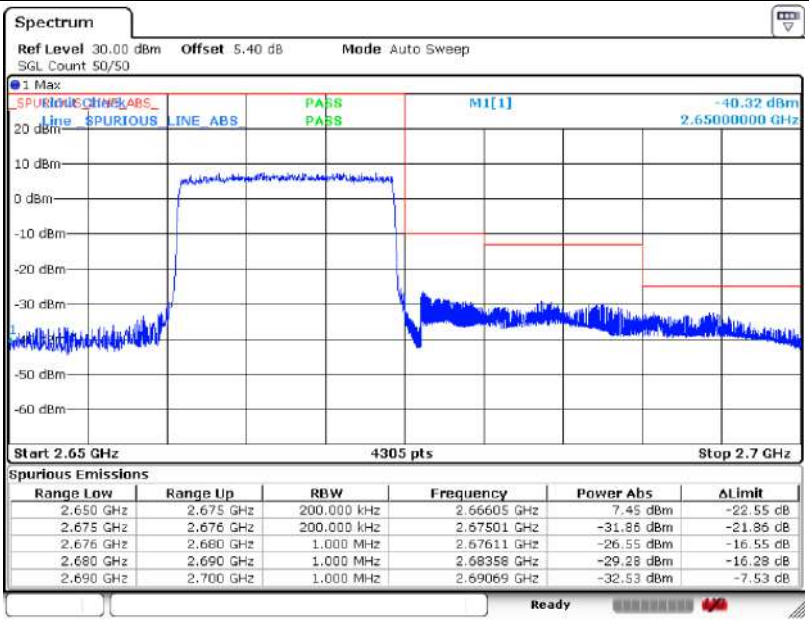



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.650 GHz | 2.675 GHz | 200.000 kHz | 2.67416 GHz | 24.01 dBm | -5.99 dB |
| 2.675 GHz | 2.676 GHz | 200.000 kHz | 2.67505 GHz | -28.56 dBm | -18.56 dB |
| 2.676 GHz | 2.680 GHz | 1.000 MHz | 2.67600 GHz | -21.14 dBm | -11.14 dB |
| 2.680 GHz | 2.690 GHz | 1.000 MHz | 2.68956 GHz | -32.31 dBm | -19.31 dB |
| 2.690 GHz | 2.700 GHz | 1.000 MHz | 2.69001 GHz | -32.70 dBm | -7.70 dB |

Date: 18.MAY.2020 03:43:15

Band41-15MHz-QPSK-41365-75RB#0



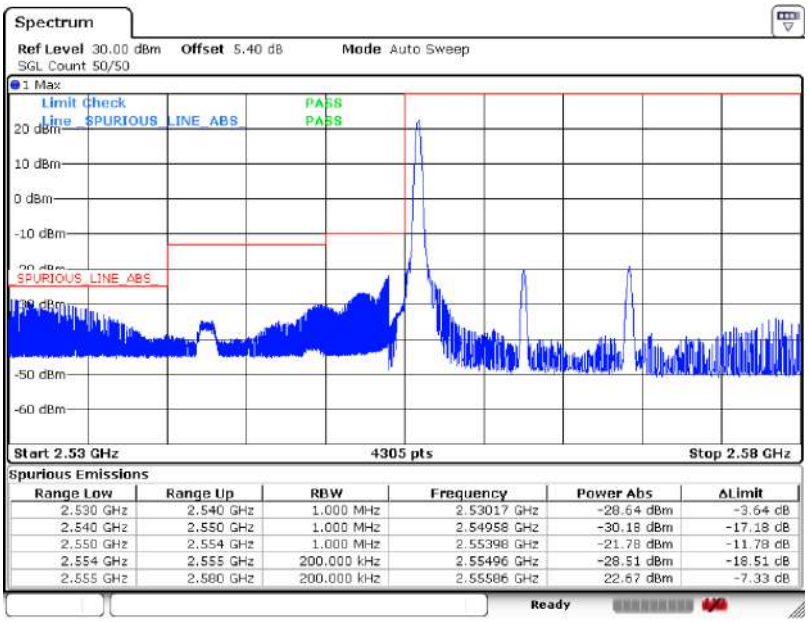

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.650 GHz | 2.675 GHz | 200.000 kHz | 2.66605 GHz | 7.45 dBm | -22.55 dB |
| 2.675 GHz | 2.676 GHz | 200.000 kHz | 2.67501 GHz | -31.86 dBm | -21.86 dB |
| 2.676 GHz | 2.680 GHz | 1.000 MHz | 2.67611 GHz | -26.55 dBm | -16.55 dB |
| 2.680 GHz | 2.690 GHz | 1.000 MHz | 2.68358 GHz | -29.28 dBm | -16.28 dB |
| 2.690 GHz | 2.700 GHz | 1.000 MHz | 2.69069 GHz | -32.53 dBm | -7.53 dB |

Date: 18.MAY.2020 03:44:09

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

Band41-15MHz-16QAM-40315-1RB#0

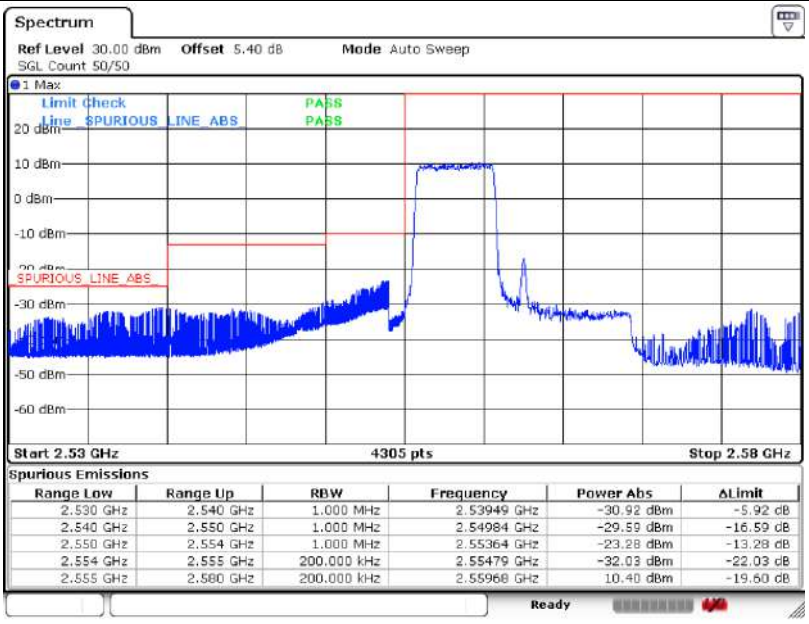



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.530 GHz | 2.540 GHz | 1.000 MHz | 2.53017 GHz | -28.64 dBm | -3.64 dB |
| 2.540 GHz | 2.550 GHz | 1.000 MHz | 2.54958 GHz | -30.18 dBm | -17.18 dB |
| 2.550 GHz | 2.554 GHz | 1.000 MHz | 2.55398 GHz | -21.78 dBm | -11.78 dB |
| 2.554 GHz | 2.555 GHz | 200.000 kHz | 2.55496 GHz | -28.51 dBm | -18.51 dB |
| 2.555 GHz | 2.580 GHz | 200.000 kHz | 2.55586 GHz | 22.67 dBm | -7.33 dB |

Date: 18.MAY.2020 03:30:14

Band41-15MHz-16QAM-40315-75RB#0



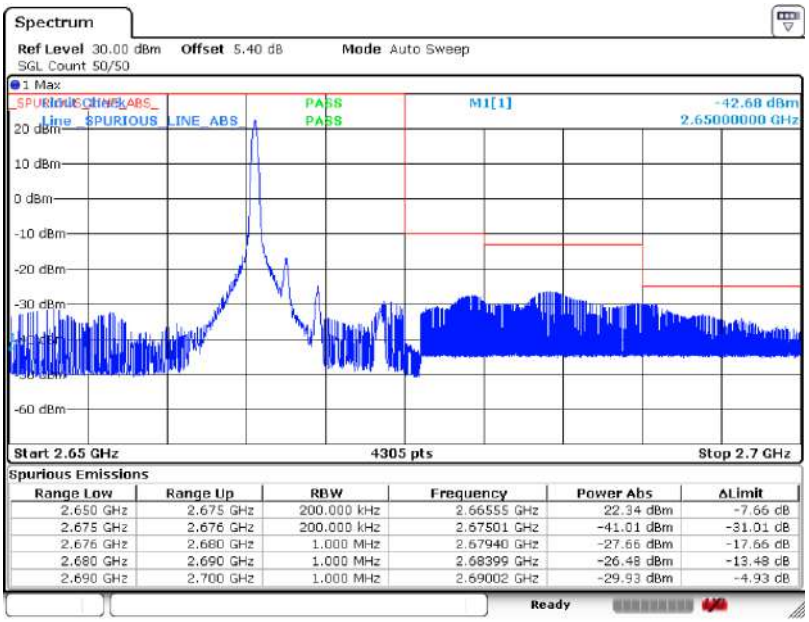

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.530 GHz | 2.540 GHz | 1.000 MHz | 2.53949 GHz | -30.92 dBm | -5.92 dB |
| 2.540 GHz | 2.550 GHz | 1.000 MHz | 2.54984 GHz | -29.59 dBm | -16.59 dB |
| 2.550 GHz | 2.554 GHz | 1.000 MHz | 2.55364 GHz | -23.28 dBm | -13.28 dB |
| 2.554 GHz | 2.555 GHz | 200.000 kHz | 2.55479 GHz | -32.03 dBm | -22.03 dB |
| 2.555 GHz | 2.580 GHz | 200.000 kHz | 2.55968 GHz | 10.40 dBm | -19.60 dB |

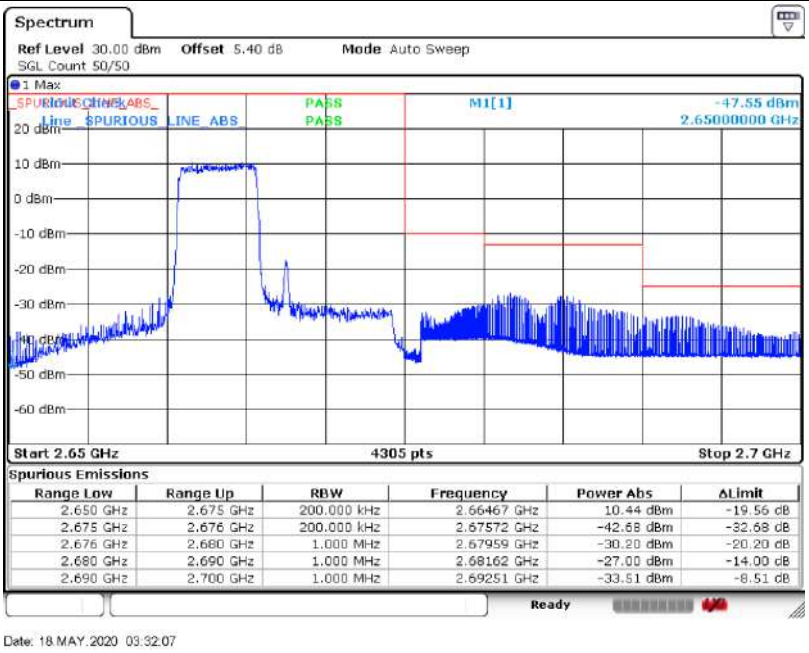
Date: 18.MAY.2020 03:30:47

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)

Band41-15MHz-16QAM-41365-1RB#74

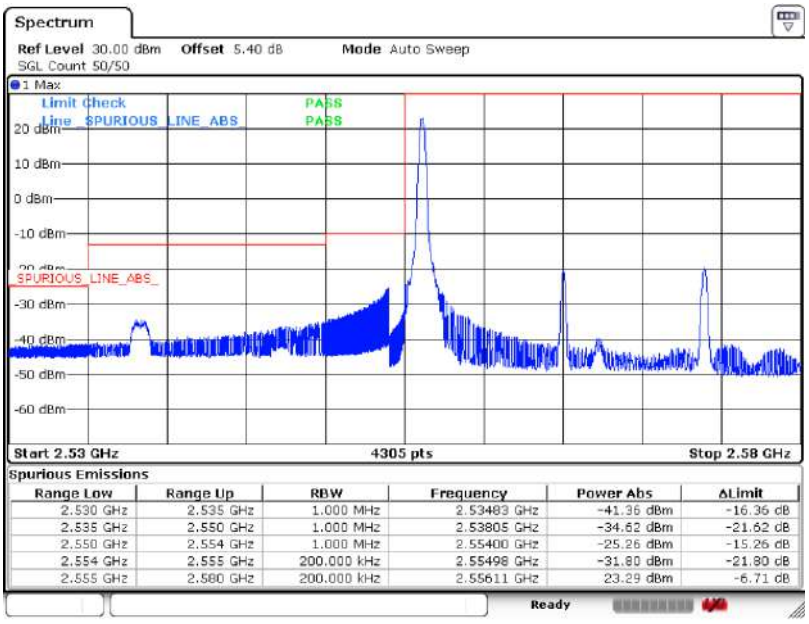



Band41-15MHz-16QAM-41365-75RB#0




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)

Band41-20MHz-QPSK-40340-1RB#0

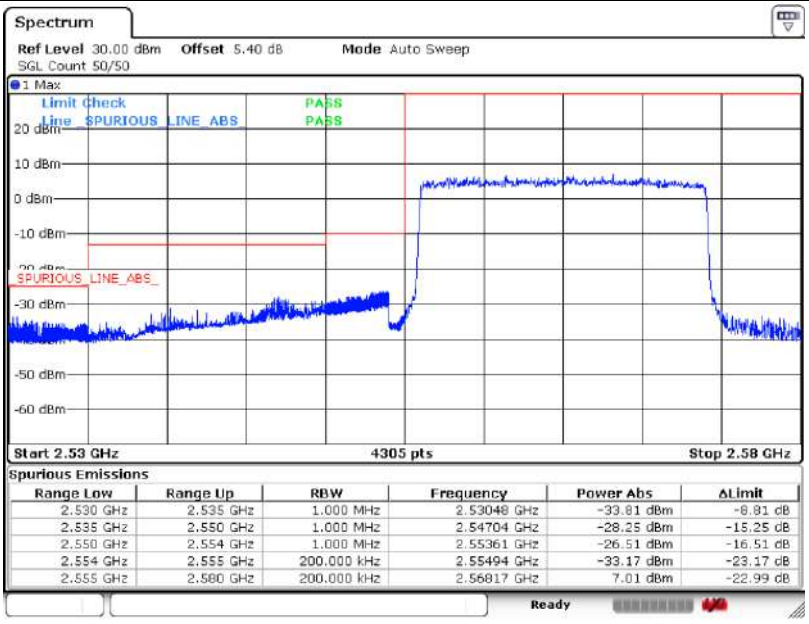



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.530 GHz | 2.535 GHz | 1.000 MHz | 2.53483 GHz | -41.36 dBm | -16.36 dB |
| 2.535 GHz | 2.550 GHz | 1.000 MHz | 2.53805 GHz | -34.62 dBm | -21.62 dB |
| 2.550 GHz | 2.554 GHz | 1.000 MHz | 2.55400 GHz | -25.26 dBm | -15.26 dB |
| 2.554 GHz | 2.555 GHz | 200.000 kHz | 2.55498 GHz | -31.80 dBm | -21.80 dB |
| 2.555 GHz | 2.580 GHz | 200.000 kHz | 2.55611 GHz | 23.29 dBm | -6.71 dB |

Date: 18.MAY.2020 03:48:13

Band41-20MHz-QPSK-40340-100RB#0




Spurious Emissions

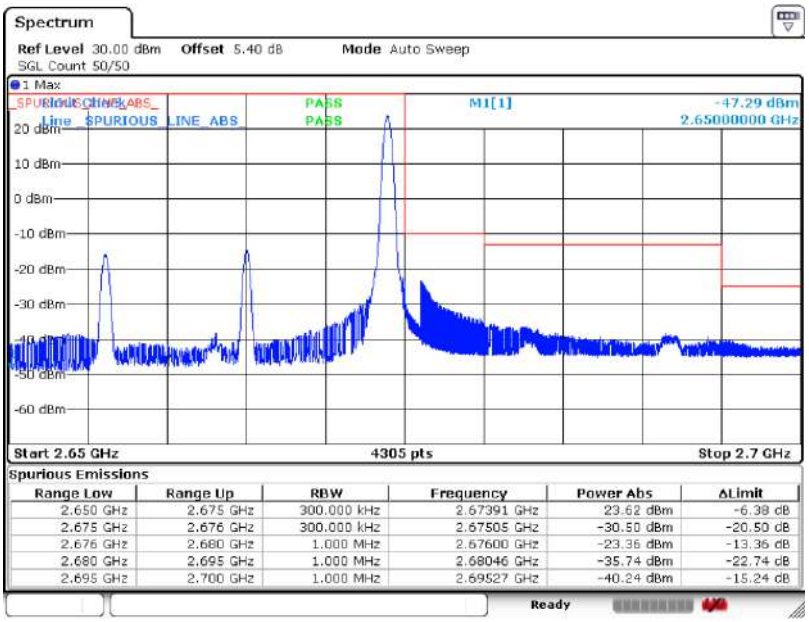
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.530 GHz | 2.535 GHz | 1.000 MHz | 2.53048 GHz | -33.81 dBm | -8.81 dB |
| 2.535 GHz | 2.550 GHz | 1.000 MHz | 2.54704 GHz | -28.25 dBm | -15.25 dB |
| 2.550 GHz | 2.554 GHz | 1.000 MHz | 2.55361 GHz | -26.51 dBm | -16.51 dB |
| 2.554 GHz | 2.555 GHz | 200.000 kHz | 2.55494 GHz | -33.17 dBm | -23.17 dB |
| 2.555 GHz | 2.580 GHz | 200.000 kHz | 2.56817 GHz | 7.01 dBm | -22.99 dB |

Date: 18.MAY.2020 03:47:12

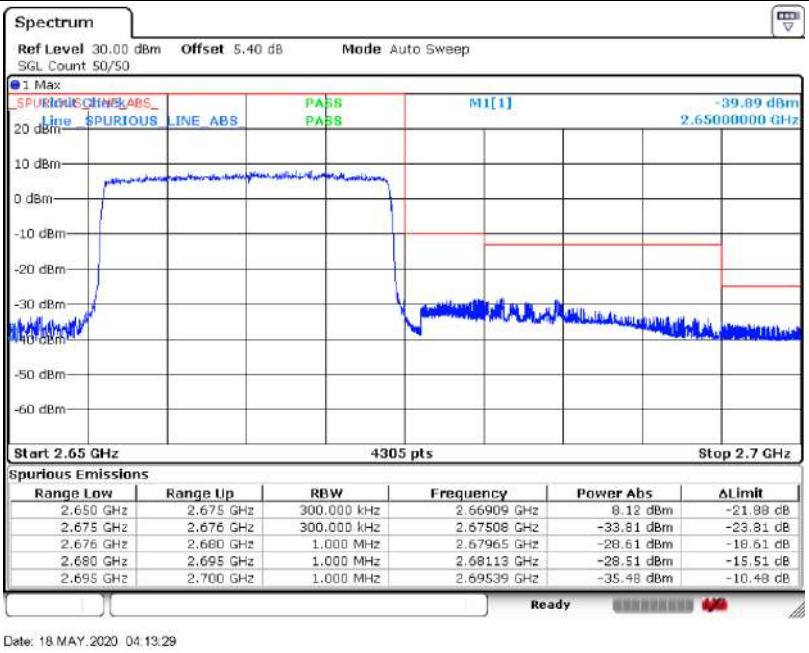
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band41-20MHz-QPSK-41340-1RB#99



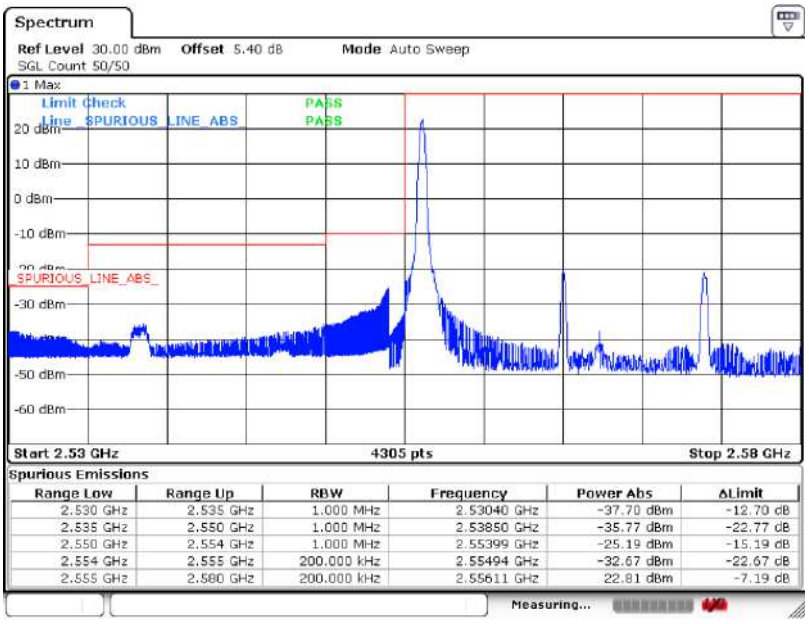

Band41-20MHz-QPSK-41340-100RB#0




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

Band41-20MHz-QPSK-40340-1RB#0

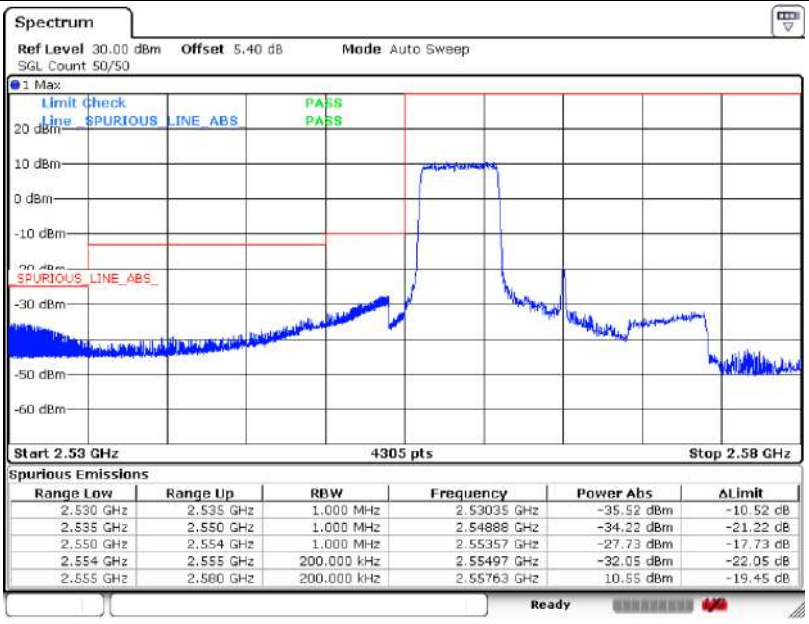



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.530 GHz | 2.535 GHz | 1.000 MHz | 2.53040 GHz | -37.70 dBm | -12.70 dB |
| 2.535 GHz | 2.550 GHz | 1.000 MHz | 2.53850 GHz | -35.77 dBm | -22.77 dB |
| 2.550 GHz | 2.554 GHz | 1.000 MHz | 2.55399 GHz | -25.19 dBm | -15.19 dB |
| 2.554 GHz | 2.555 GHz | 200.000 kHz | 2.55494 GHz | -32.67 dBm | -22.67 dB |
| 2.555 GHz | 2.580 GHz | 200.000 kHz | 2.55611 GHz | 22.81 dBm | -7.19 dB |

Date: 18.MAY.2020 03:49:13

Band41-20MHz-16QAM-40340-100RB#0




Spurious Emissions

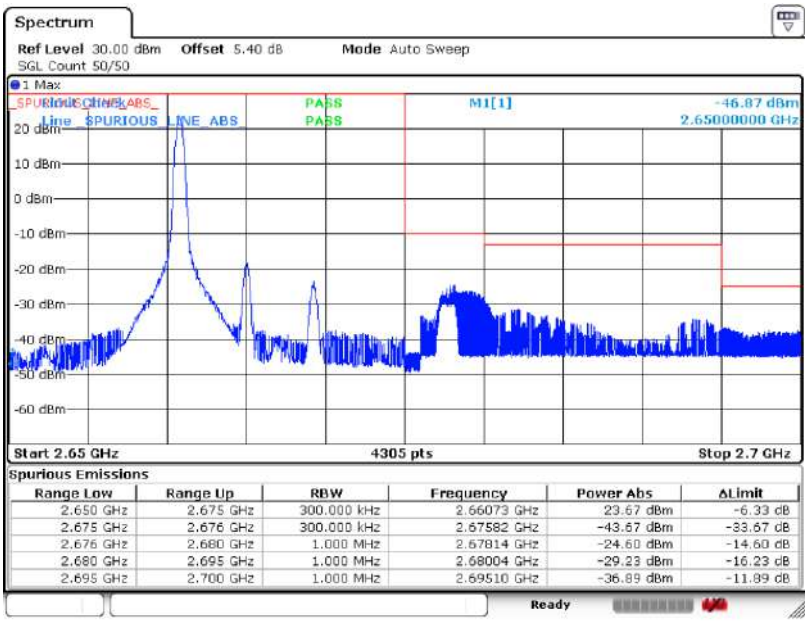
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.530 GHz | 2.535 GHz | 1.000 MHz | 2.53035 GHz | -35.52 dBm | -10.52 dB |
| 2.535 GHz | 2.550 GHz | 1.000 MHz | 2.54888 GHz | -34.22 dBm | -21.22 dB |
| 2.550 GHz | 2.554 GHz | 1.000 MHz | 2.55357 GHz | -27.73 dBm | -17.73 dB |
| 2.554 GHz | 2.555 GHz | 200.000 kHz | 2.55497 GHz | -32.05 dBm | -22.05 dB |
| 2.555 GHz | 2.580 GHz | 200.000 kHz | 2.55763 GHz | 10.55 dBm | -19.45 dB |

Date: 18.MAY.2020 03:58:14

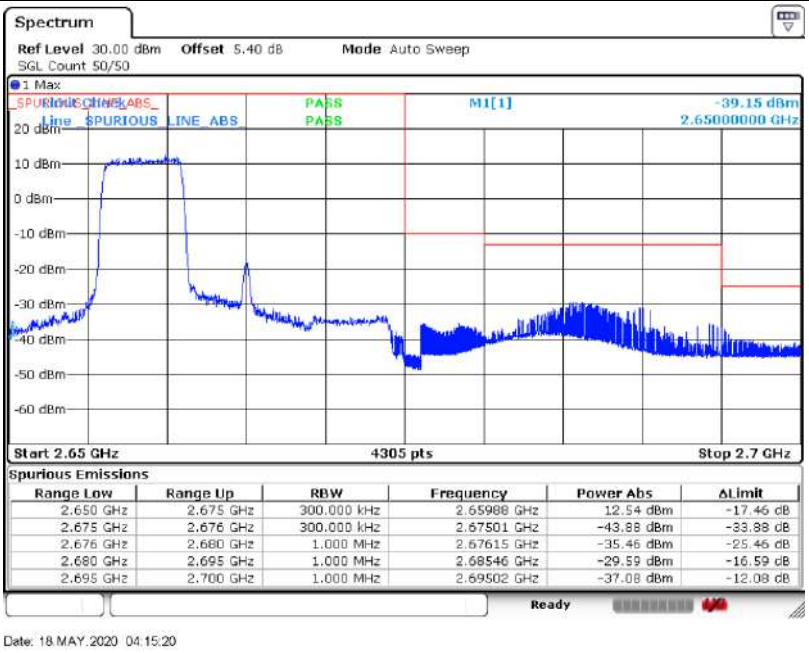
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

Band41-20MHz-16QAM-41340-1RB#99




Band41-20MHz-16QAM-41340-100RB#0




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

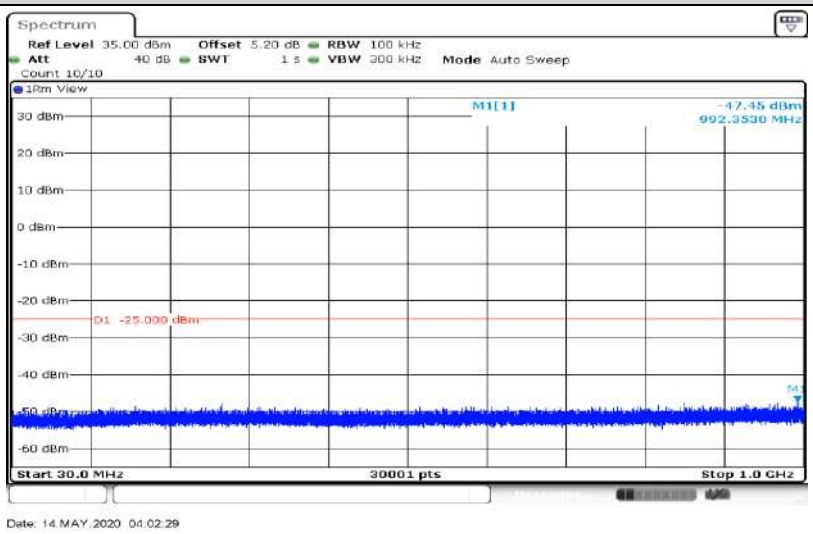
# 6 Spurious Emission at Antenna Terminal

Remark1: 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.

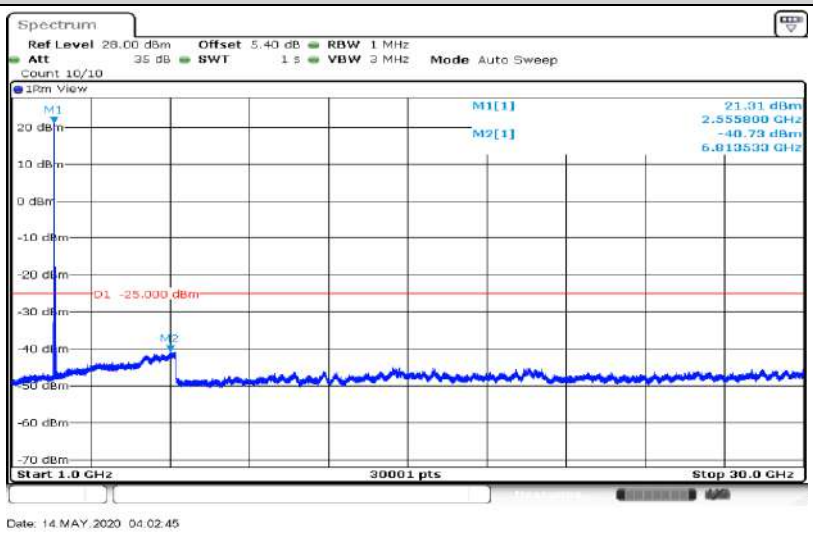
Remark2: only the worst case data displayed in this report.

## 6.1 Test Plots

Band41-20MHz-QPSK-40340-1RB#0-Range1:30~1000MHz

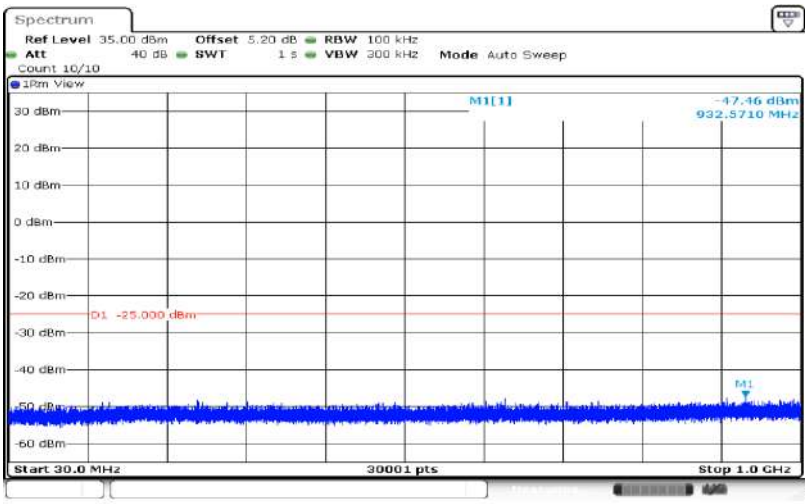



Band41-20MHz-QPSK-40340-1RB#0-Range2:1000~30000MHz



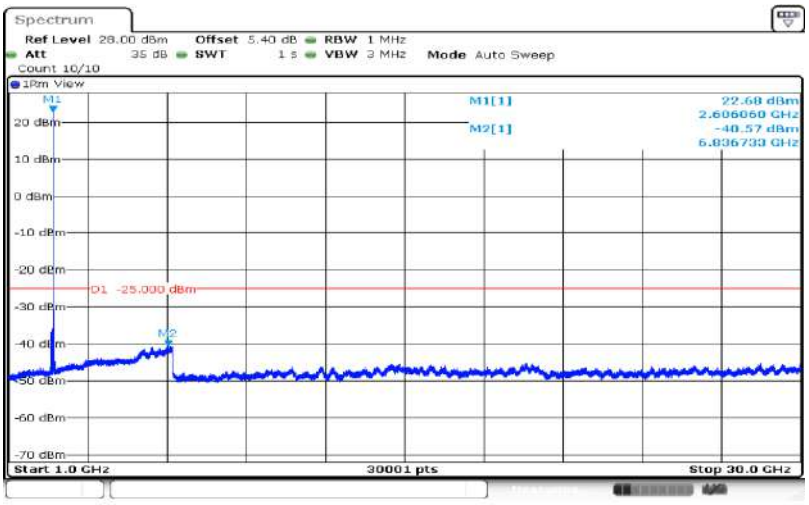

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band41-20MHz-QPSK-40840-1RB#0-Range1:30~1000MHz




Date: 14.MAY.2020 04:03:05

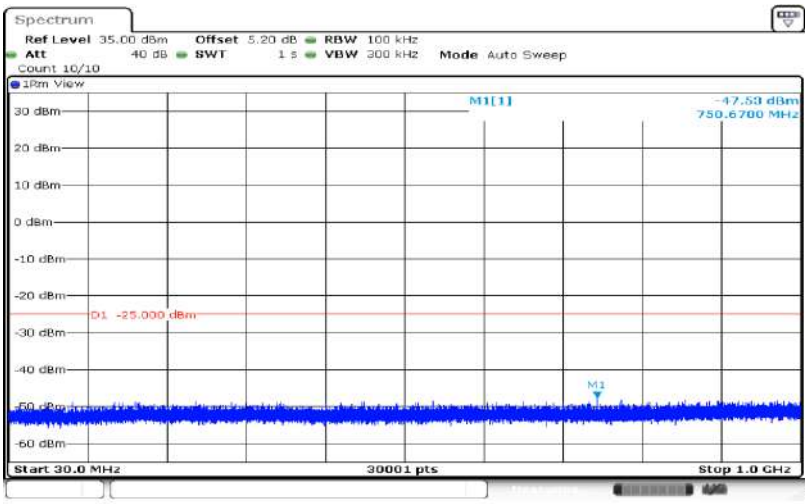
Band41-20MHz-QPSK-40840-1RB#0-Range2:1000~30000MHz




Date: 14.MAY.2020 04:03:21

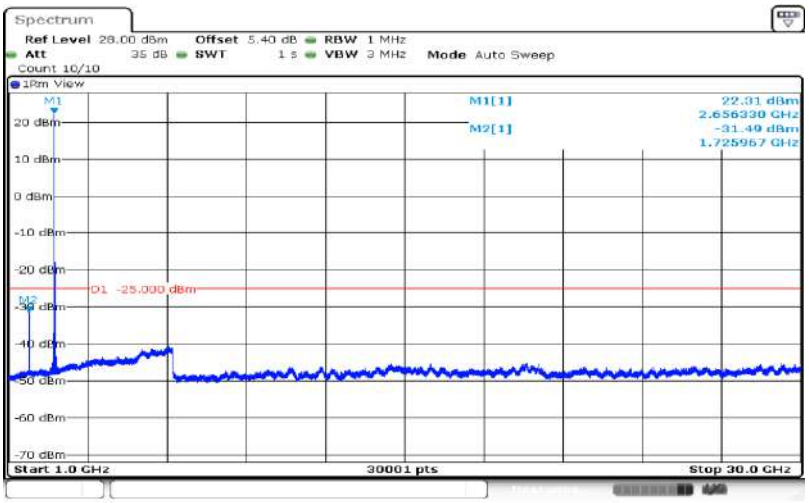
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band41-20MHz-QPSK-41340-1RB#0-Range1:30~1000MHz




Date: 14.MAY.2020 04:03:40

Band41-20MHz-QPSK-41340-1RB#0-Range2:1000~30000MHz




Date: 14.MAY.2020 04:03:56

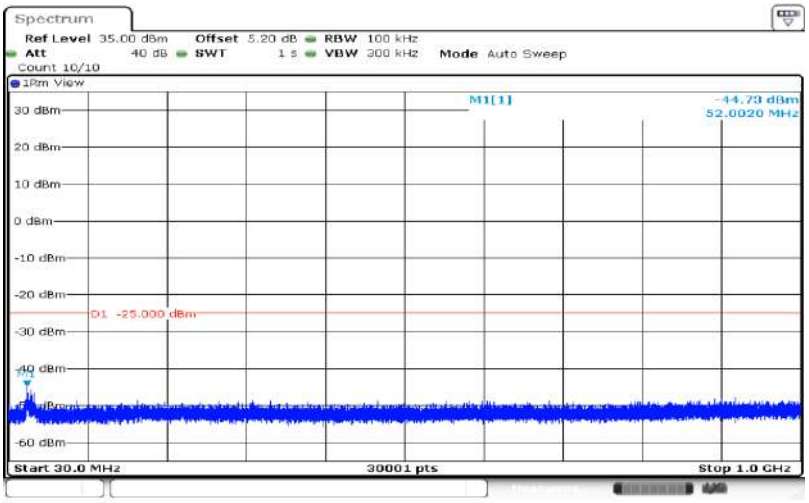
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

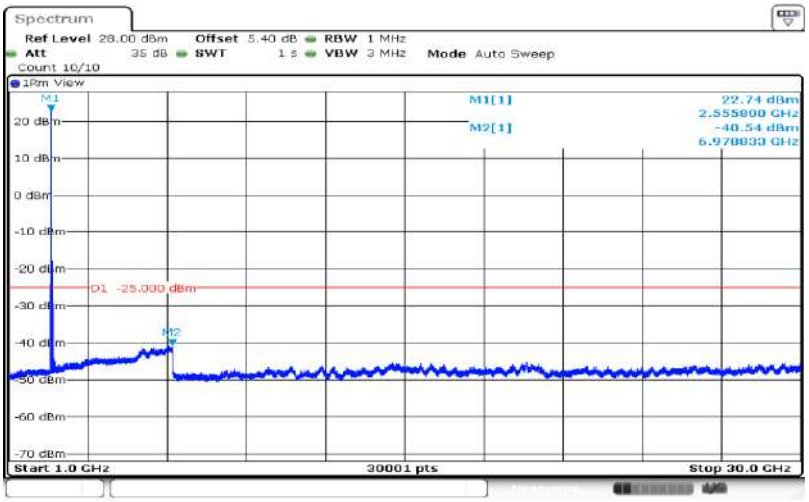
Member of the SGS Group (SGS SA)

Band41-20MHz-16QAM-40340-1RB#0-Range1:30~1000MHz




Date: 18.MAY.2020 04:28:38

Band41-20MHz-16QAM-40340-1RB#0-Range2:1000~30000MHz




Date: 18.MAY.2020 04:28:55

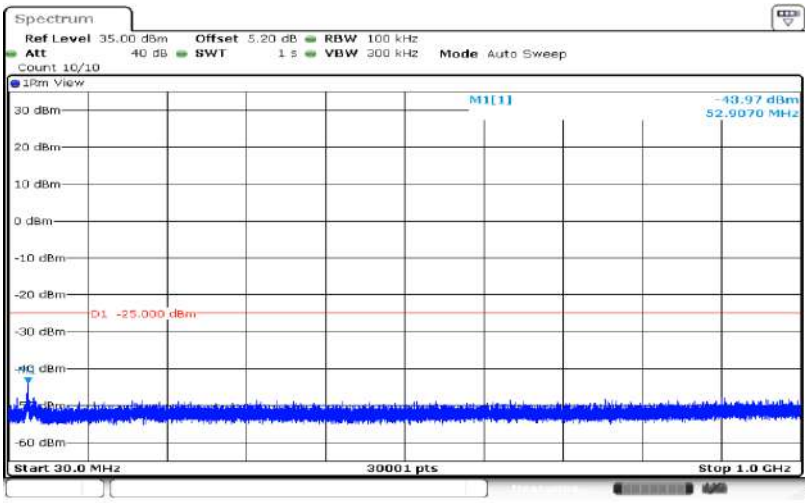
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

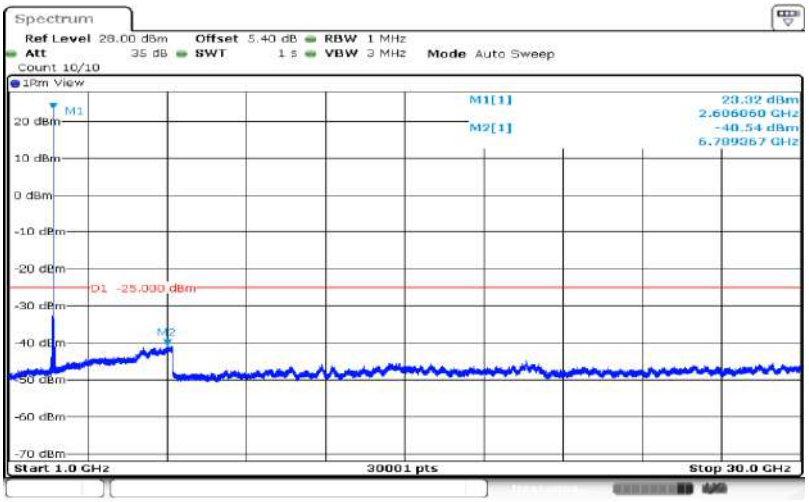
Member of the SGS Group (SGS SA)

Band41-20MHz-16QAM-40840-1RB#0-Range1:30~1000MHz




Date: 18.MAY.2020 04:29:14

Band41-20MHz-16QAM-40840-1RB#0-Range2:1000~30000MHz




Date: 18.MAY.2020 04:29:30

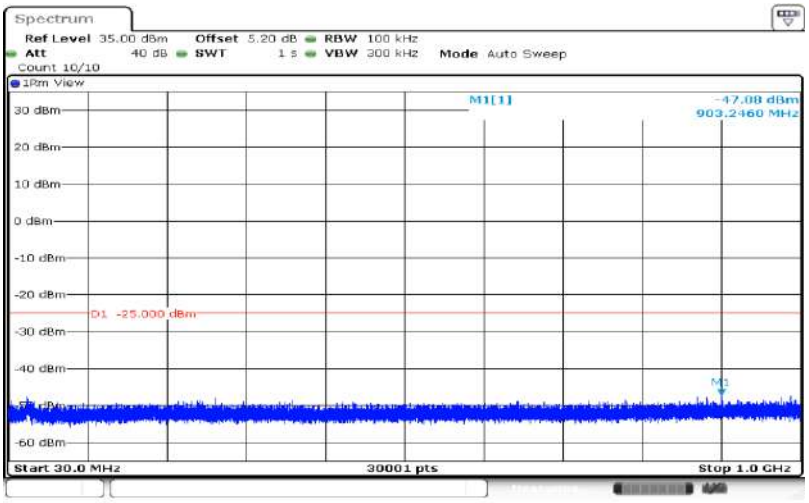
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic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

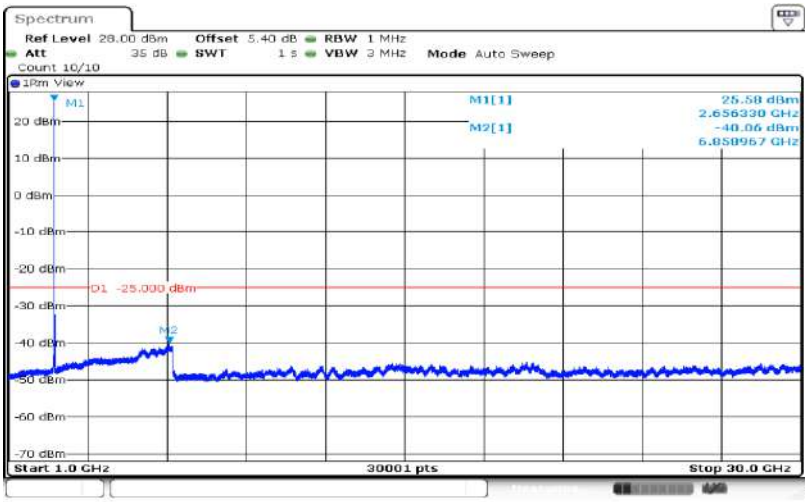
Member of the SGS Group (SGS SA)

Band41-20MHz-16QAM-41340-1RB#0-Range1:30~1000MHz




Date: 18.MAY.2020 04:32:17

Band41-20MHz-16QAM-41340-1RB#0-Range2:1000~30000MHz




Date: 18.MAY.2020 04:32:34

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
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)

# 7 Field Strength of Spurious Radiation

## 7.1 Test Mode =LTE/TM1 20MHz

### 1.1.3. Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Height [cm] | Angle [°] | Polarization |
|---|---|---|---|---|---|---|
| 65.000000 | -79.73 | -25.00 | 54.73 | 209 | 337 | Vertical |
| 358.650000 | -84.20 | -25.00 | 59.20 | 114 | 164 | Vertical |
| 947.383333 | -75.40 | -25.00 | 50.40 | 245 | 177 | Vertical |
| 5093.975000 | -64.64 | -25.00 | 39.64 | 174 | 241 | Vertical |
| 7668.300000 | -50.52 | -25.00 | 25.52 | 289 | 47 | Vertical |
| 10307.625000 | -61.46 | -25.00 | 36.46 | 239 | 286 | Vertical |
| 62.200000 | -75.40 | -25.00 | 50.40 | 146 | 96 | Horizontal |
| 273.650000 | -85.61 | -25.00 | 60.61 | 148 | 180 | Horizontal |
| 954.441667 | -74.60 | -25.00 | 49.60 | 137 | 197 | Horizontal |
| 5112.175000 | -56.39 | -25.00 | 31.39 | 179 | 268 | Horizontal |
| 7668.300000 | -43.00 | -25.00 | 18.00 | 151 | 355 | Horizontal |
| 10563.400000 | -60.92 | -25.00 | 35.92 | 294 | 258 | Horizontal |

### 1.1.4. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Height [cm] | Angle [°] | Polarization |
|---|---|---|---|---|---|---|
| 64.400000 | -79.81 | -25.00 | 54.81 | 182 | 72 | Vertical |
| 345.600000 | -83.89 | -25.00 | 58.89 | 238 | 322 | Vertical |
| 950.270833 | -74.88 | -25.00 | 49.88 | 201 | 132 | Vertical |
| 5195.375000 | -65.03 | -25.00 | 40.03 | 172 | 155 | Vertical |
| 7752.475000 | -48.29 | -25.00 | 23.29 | 183 | 331 | Vertical |
| 10610.525000 | -60.51 | -25.00 | 35.51 | 249 | 8 | Vertical |
| 62.550000 | -75.36 | -25.00 | 50.36 | 233 | 253 | Horizontal |
| 275.200000 | -85.64 | -25.00 | 60.64 | 282 | 334 | Horizontal |
| 950.500000 | -75.14 | -25.00 | 50.14 | 204 | 330 | Horizontal |
| 5168.075000 | -60.75 | -25.00 | 35.75 | 130 | 68 | Horizontal |
| 7752.150000 | -53.39 | -25.00 | 28.39 | 267 | 31 | Horizontal |
| 10623.200000 | -60.49 | -25.00 | 35.49 | 122 | 111 | 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)

### 1.1.5. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Height [cm] | Angle [°] | Polarization |
|---|---|---|---|---|---|---|
| 63.850000 | -79.83 | -25.00 | 54.83 | 202 | 223 | Vertical |
| 324.100000 | -84.88 | -25.00 | 59.88 | 171 | 350 | Vertical |
| 961.454167 | -74.50 | -25.00 | 49.50 | 195 | 243 | Vertical |
| 5311.725000 | -63.19 | -25.00 | 38.19 | 261 | 347 | Vertical |
| 7968.275000 | -51.53 | -25.00 | 26.53 | 108 | 165 | Vertical |
| 10622.225000 | -60.91 | -25.00 | 35.91 | 190 | 213 | Vertical |
| 62.700000 | -75.42 | -25.00 | 50.42 | 109 | 292 | Horizontal |
| 263.250000 | -85.73 | -25.00 | 60.73 | 287 | 223 | Horizontal |
| 970.804167 | -74.91 | -25.00 | 49.91 | 246 | 34 | Horizontal |
| 5311.725000 | -59.83 | -25.00 | 34.83 | 174 | 20 | Horizontal |
| 7968.275000 | -58.78 | -25.00 | 33.78 | 293 | 329 | Horizontal |
| 11184.475000 | -61.32 | -25.00 | 36.32 | 140 | 302 | 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 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.

3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
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 | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|---|---|---|---|---|---|---|---|
| LTEBAND 41 | LTE/TM1 20MHz | LCH | TN | VL | 9.17 | 0.00365 | PASS |
| | | | | VN | -5.62 | -0.00224 | PASS |
| | | | | VH | -4.20 | -0.00167 | PASS |
| | | MCH | TN | VL | -9.18 | -0.00354 | PASS |
| | | | | VN | 1.07 | 0.00041 | PASS |
| | | | | VH | -8.06 | -0.00311 | PASS |
| | | HCH | TN | VL | -2.03 | -0.00076 | PASS |
| | | | | VN | 3.86 | 0.00144 | PASS |
| | | | | VH | 5.97 | 0.00223 | PASS |
| | LTE/TM2 20MHz | LCH | TN | VL | 8.50 | 0.00339 | PASS |
| | | | | VN | -0.56 | -0.00022 | PASS |
| | | | | VH | -6.61 | -0.00263 | PASS |
| | | MCH | TN | VL | -1.89 | -0.00073 | PASS |
| | | | | VN | 8.68 | 0.00334 | PASS |
| | | | | VH | 7.72 | 0.00298 | PASS |
| | | HCH | TN | VL | -3.16 | -0.00118 | PASS |
| | | | | VN | -2.59 | -0.00097 | PASS |
| | | | | VH | -6.51 | -0.00243 | 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

## 8.2 Frequency Error VS. Temperature

| Test Band | Test Mode | Test Channel | Test Volt. | Test Temp. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|---|---|---|---|---|---|---|---|
| LTEBAND 41 | LTE/TM1 20MHz | LCH | VN | -30 | 4.02 | 0.00160 | PASS |
| | | | | -20 | 7.43 | 0.00296 | PASS |
| | | | | -10 | 2.70 | 0.00107 | PASS |
| | | | | 0 | -2.19 | -0.00087 | PASS |
| | | | | 10 | -3.00 | -0.00120 | PASS |
| | | | | 20 | 9.32 | 0.00371 | PASS |
| | | | | 30 | 5.41 | 0.00216 | PASS |
| | | | | 40 | -5.65 | -0.00225 | PASS |
| | | | | 50 | -9.25 | -0.00368 | PASS |
| | | MCH | VN | -30 | -2.37 | -0.00091 | PASS |
| | | | | -20 | -9.54 | -0.00368 | PASS |
| | | | | -10 | 5.13 | 0.00198 | PASS |
| | | | | 0 | 3.51 | 0.00135 | PASS |
| | | | | 10 | 8.81 | 0.00339 | PASS |
| | | | | 20 | 8.90 | 0.00343 | PASS |
| | | | | 30 | 6.61 | 0.00255 | PASS |
| | | | | 40 | 0.74 | 0.00029 | PASS |
| | | | | 50 | 6.87 | 0.00265 | PASS |
| | | HCH | VN | -30 | 0.72 | 0.00027 | PASS |
| | | | | -20 | 4.09 | 0.00153 | PASS |
| | | | | -10 | 5.80 | 0.00216 | PASS |
| | | | | 0 | -4.93 | -0.00184 | PASS |
| | | | | 10 | 4.68 | 0.00175 | PASS |
| | | | | 20 | -4.22 | -0.00157 | PASS |
| | | | | 30 | 9.68 | 0.00361 | PASS |
| | | | | 40 | -0.11 | -0.00004 | PASS |
| | | | | 50 | 2.18 | 0.00081 | PASS |

| Test Band | Test Mode | Test Channel | Test Volt. | Test Temp. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|---|---|---|---|---|---|---|---|
| LTEBAND 41 | LTE/TM2 20MHz | LCH | VN | -30 | 3.50 | 0.00139 | PASS |
| | | | | -20 | -1.81 | -0.00072 | 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
Member of the SGS Group (SGS SA)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | -10 | 4.33 | 0.00172 | PASS |
| | | | | 0 | 7.76 | 0.00309 | PASS |
| | | | | 10 | 7.13 | 0.00284 | PASS |
| | | | | 20 | 5.49 | 0.00219 | PASS |
| | | | | 30 | -4.04 | -0.00161 | PASS |
| | | | | 40 | -8.22 | -0.00328 | PASS |
| | | | | 50 | 5.27 | 0.00210 | PASS |
| | | MCH | VN | -30 | 5.76 | 0.00222 | PASS |
| | | | | -20 | -3.71 | -0.00143 | PASS |
| | | | | -10 | 7.13 | 0.00275 | PASS |
| | | | | 0 | 8.63 | 0.00332 | PASS |
| | | | | 10 | 8.24 | 0.00318 | PASS |
| | | | | 20 | 5.15 | 0.00199 | PASS |
| | | | | 30 | 6.20 | 0.00239 | PASS |
| | | | | 40 | -8.91 | -0.00343 | PASS |
| | | | | 50 | 0.48 | 0.00018 | PASS |
| | | HCH | VN | -30 | 8.55 | 0.00319 | PASS |
| | | | | -20 | 7.43 | 0.00277 | PASS |
| | | | | -10 | 9.43 | 0.00352 | PASS |
| | | | | 0 | 2.12 | 0.00079 | PASS |
| | | | | 10 | -0.36 | -0.00014 | PASS |
| | | | | 20 | -6.30 | -0.00235 | PASS |
| | | | | 30 | -9.08 | -0.00339 | PASS |
| | | | | 40 | -7.35 | -0.00274 | PASS |
| | | | | 50 | 3.71 | 0.00138 | PASS |

The End

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

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