



Appendix B

E-UTRA Band 38



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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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..... 4

1.1 TEST RESULT..... 4

2 PEAK-TO-AVERAGE RATIO (CCDF).....18

2.1 TEST RESULT18

2.2 TEST PLOTS18

3 MODULATION CHARACTERISTICS.....23

3.1 TEST MODE = LTE /TM1 20MHZ.....23

3.1.1 TEST CHANNEL = MCH.....23

3.2 TEST MODE = LTE /TM2 20MHZ.....24

3.2.1 TEST CHANNEL = MCH.....24

3.3 TEST MODE = LTE /TM3 20MHZ.....25

3.3.1 TEST CHANNEL = MCH.....25

4 26DB BANDWIDTH AND OCCUPIED BANDWIDTH26

4.1 TEST RESULT26

4.2 TEST PLOTS27

5 BAND EDGE COMPLIANCE46

5.1 TEST PLOTS46

6 SPURIOUS EMISSION AT ANTENNA TERMINAL.....71

6.1 TEST PLOTS71

7 FIELD STRENGTH OF SPURIOUS RADIATION81

7.1 TEST MODE =LTE/TM1 20MHZ(ANT1)81

7.1.1 TEST CHANNEL = LCH.....81

7.1.2 TEST CHANNEL = MCH81

7.1.3 TEST CHANNEL = HCH82

7.2 TEST MODE =LTE/TM1 20MHZ(ANT2)82

7.2.1 TEST CHANNEL = LCH.....82

7.2.2 TEST CHANNEL = MCH.....83

7.2.3 TEST CHANNEL = HCH83



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



8 FREQUENCY STABILITY.....84

8.1 FREQUENCY VS VOLTAGE84

8.2 FREQUENCY VS TEMPERATURE85



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-DocumentL.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



1 Effective (Isotropic) Radiated Power

1.1 Test Result

ANT1:

| Band | Bandwidth | Modulation | Channel | RB Config. | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------|--------------|------------|-------------|---------|
| Band38 | 5MHz | QPSK | 37775 | 1RB#0 | 23.73 | 23.03 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 1RB#12 | 23.64 | 22.94 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 1RB#24 | 23.83 | 23.13 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 12RB#0 | 22.89 | 22.19 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 12RB#6 | 23.03 | 22.33 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 12RB#13 | 23.15 | 22.45 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 25RB#0 | 22.99 | 22.29 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 1RB#0 | 23.89 | 23.19 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 1RB#12 | 23.82 | 23.12 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 1RB#24 | 23.87 | 23.17 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 12RB#0 | 23.07 | 22.37 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 12RB#6 | 22.93 | 22.23 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 12RB#13 | 22.75 | 22.05 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 25RB#0 | 22.90 | 22.2 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 1RB#0 | 23.92 | 23.22 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 1RB#12 | 23.81 | 23.11 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 1RB#24 | 23.78 | 23.08 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 12RB#0 | 22.73 | 22.03 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 12RB#6 | 22.77 | 22.07 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 12RB#13 | 22.69 | 21.99 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 25RB#0 | 22.71 | 22.01 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 1RB#0 | 22.91 | 22.21 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 1RB#12 | 23.02 | 22.32 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 1RB#24 | 22.93 | 22.23 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 12RB#0 | 22.08 | 21.38 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 12RB#6 | 22.08 | 21.38 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 12RB#13 | 22.12 | 21.42 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 25RB#0 | 22.01 | 21.31 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 1RB#0 | 22.93 | 22.23 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 1RB#12 | 22.94 | 22.24 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 1RB#24 | 23.07 | 22.37 | 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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch 检验检测专用章
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.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



| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 5MHz | 16QAM | 38000 | 12RB#0 | 21.94 | 21.24 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 12RB#6 | 21.88 | 21.18 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 12RB#13 | 21.90 | 21.2 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 25RB#0 | 21.83 | 21.13 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 1RB#0 | 22.63 | 21.93 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 1RB#12 | 22.94 | 22.24 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 1RB#24 | 22.75 | 22.05 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 12RB#0 | 21.70 | 21 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 12RB#6 | 21.73 | 21.03 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 12RB#13 | 21.74 | 21.04 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 25RB#0 | 21.65 | 20.95 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 1RB#0 | 21.87 | 21.17 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 1RB#12 | 21.96 | 21.26 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 1RB#24 | 22.00 | 21.3 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 12RB#0 | 20.92 | 20.22 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 12RB#6 | 21.47 | 20.77 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 12RB#13 | 21.24 | 20.54 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 25RB#0 | 21.30 | 20.6 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 1RB#0 | 22.13 | 21.43 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 1RB#12 | 22.61 | 21.91 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 1RB#24 | 22.09 | 21.39 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 12RB#0 | 20.99 | 20.29 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 12RB#6 | 21.16 | 20.46 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 12RB#13 | 20.92 | 20.22 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 25RB#0 | 21.16 | 20.46 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 1RB#0 | 22.64 | 21.94 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 1RB#12 | 22.17 | 21.47 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 1RB#24 | 22.44 | 21.74 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 12RB#0 | 21.03 | 20.33 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 12RB#6 | 21.06 | 20.36 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 12RB#13 | 21.13 | 20.43 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 25RB#0 | 21.09 | 20.39 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 1RB#0 | 23.76 | 23.06 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 1RB#24 | 23.65 | 22.95 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 1RB#49 | 23.79 | 23.09 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 25RB#0 | 22.93 | 22.23 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 25RB#12 | 23.06 | 22.36 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 25RB#25 | 23.11 | 22.41 | 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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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



| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 10MHz | QPSK | 37800 | 50RB#0 | 23.03 | 22.33 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 1RB#0 | 23.89 | 23.19 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 1RB#24 | 23.82 | 23.12 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 1RB#49 | 23.86 | 23.16 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 25RB#0 | 23.11 | 22.41 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 25RB#12 | 22.93 | 22.23 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 25RB#25 | 22.77 | 22.07 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 50RB#0 | 22.94 | 22.24 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 1RB#0 | 23.90 | 23.2 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 1RB#24 | 23.83 | 23.13 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 1RB#49 | 23.78 | 23.08 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 25RB#0 | 22.77 | 22.07 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 25RB#12 | 22.76 | 22.06 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 25RB#25 | 22.70 | 22 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 50RB#0 | 22.69 | 21.99 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0 | 22.90 | 22.2 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#24 | 23.03 | 22.33 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#49 | 22.92 | 22.22 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#0 | 22.12 | 21.42 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#12 | 22.04 | 21.34 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#25 | 22.12 | 21.42 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | 22.00 | 21.3 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0 | 22.95 | 22.25 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#24 | 22.95 | 22.25 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#49 | 23.06 | 22.36 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#0 | 21.90 | 21.2 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#12 | 21.89 | 21.19 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#25 | 21.92 | 21.22 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | 21.83 | 21.13 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0 | 22.65 | 21.95 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#24 | 22.92 | 22.22 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#49 | 22.73 | 22.03 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#0 | 21.70 | 21 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#12 | 21.70 | 21 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#25 | 21.76 | 21.06 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | 21.62 | 20.92 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 1RB#0 | 21.88 | 21.18 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 1RB#24 | 21.93 | 21.23 | 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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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



| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 10MHz | 64QAM | 37800 | 1RB#49 | 21.98 | 21.28 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 25RB#0 | 20.89 | 20.19 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 25RB#12 | 21.47 | 20.77 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 25RB#25 | 21.23 | 20.53 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 50RB#0 | 21.30 | 20.6 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 1RB#0 | 22.10 | 21.4 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 1RB#24 | 22.61 | 21.91 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 1RB#49 | 22.13 | 21.43 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 25RB#0 | 21.00 | 20.3 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 25RB#12 | 21.16 | 20.46 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 25RB#25 | 20.95 | 20.25 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 50RB#0 | 21.15 | 20.45 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 1RB#0 | 22.64 | 21.94 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 1RB#24 | 22.15 | 21.45 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 1RB#49 | 22.39 | 21.69 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 25RB#0 | 21.03 | 20.33 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 25RB#12 | 21.11 | 20.41 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 25RB#25 | 21.16 | 20.46 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 50RB#0 | 21.09 | 20.39 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 1RB#0 | 23.76 | 23.06 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 1RB#38 | 23.63 | 22.93 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 1RB#74 | 23.84 | 23.14 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 38RB#0 | 22.89 | 22.19 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 38RB#18 | 23.02 | 22.32 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 38RB#37 | 23.12 | 22.42 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 75RB#0 | 23.00 | 22.3 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 1RB#0 | 23.92 | 23.22 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 1RB#38 | 23.84 | 23.14 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 1RB#74 | 23.83 | 23.13 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 38RB#0 | 23.09 | 22.39 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 38RB#18 | 22.95 | 22.25 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 38RB#37 | 22.74 | 22.04 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 75RB#0 | 22.92 | 22.22 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 1RB#0 | 23.92 | 23.22 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 1RB#38 | 23.83 | 23.13 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 1RB#74 | 23.77 | 23.07 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 38RB#0 | 22.75 | 22.05 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 38RB#18 | 22.80 | 22.1 | 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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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



| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 15MHz | QPSK | 38175 | 38RB#37 | 22.68 | 21.98 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 75RB#0 | 22.67 | 21.97 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0 | 22.91 | 22.21 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#38 | 23.03 | 22.33 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#74 | 22.91 | 22.21 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#0 | 22.09 | 21.39 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#18 | 22.08 | 21.38 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#37 | 22.14 | 21.44 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | 22.04 | 21.34 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0 | 22.93 | 22.23 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#38 | 22.96 | 22.26 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#74 | 23.04 | 22.34 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#0 | 21.94 | 21.24 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#18 | 21.90 | 21.2 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#37 | 21.90 | 21.2 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0 | 21.86 | 21.16 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0 | 22.66 | 21.96 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#38 | 22.90 | 22.2 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#74 | 22.72 | 22.02 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#0 | 21.68 | 20.98 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#18 | 21.71 | 21.01 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#37 | 21.73 | 21.03 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0 | 21.61 | 20.91 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#0 | 21.89 | 21.19 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#38 | 21.96 | 21.26 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#74 | 22.01 | 21.31 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#0 | 20.88 | 20.18 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#18 | 21.47 | 20.77 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#37 | 21.23 | 20.53 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 75RB#0 | 21.31 | 20.61 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#0 | 22.15 | 21.45 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#38 | 22.62 | 21.92 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#74 | 22.10 | 21.4 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#0 | 20.99 | 20.29 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#18 | 21.15 | 20.45 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#37 | 20.94 | 20.24 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 75RB#0 | 21.17 | 20.47 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 1RB#0 | 22.63 | 21.93 | 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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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



| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 15MHz | 64QAM | 38175 | 1RB#38 | 22.18 | 21.48 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 1RB#74 | 22.41 | 21.71 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 38RB#0 | 21.00 | 20.3 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 38RB#18 | 21.08 | 20.38 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 38RB#37 | 21.13 | 20.43 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 75RB#0 | 21.11 | 20.41 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 1RB#0 | 23.78 | 23.08 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 1RB#49 | 23.84 | 23.14 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 1RB#99 | 23.64 | 22.94 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 50RB#0 | 23.10 | 22.4 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 50RB#25 | 22.94 | 22.24 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 50RB#50 | 23.05 | 22.35 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | 23.04 | 22.34 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 1RB#0 | 23.85 | 23.15 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 1RB#49 | 23.94 | 23.24 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 1RB#99 | 23.87 | 23.17 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 50RB#0 | 23.16 | 22.46 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 50RB#25 | 22.98 | 22.28 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 50RB#50 | 22.78 | 22.08 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | 22.95 | 22.25 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 1RB#0 | 23.84 | 23.14 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 1RB#49 | 23.92 | 23.22 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 1RB#99 | 23.80 | 23.1 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 50RB#0 | 22.82 | 22.12 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 50RB#25 | 22.80 | 22.1 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 50RB#50 | 22.72 | 22.02 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | 22.71 | 22.01 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0 | 22.95 | 22.25 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#49 | 23.07 | 22.37 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#99 | 22.95 | 22.25 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#0 | 22.12 | 21.42 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#25 | 22.08 | 21.38 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#50 | 22.16 | 21.46 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 22.05 | 21.35 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0 | 22.95 | 22.25 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#49 | 22.99 | 22.29 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#99 | 23.09 | 22.39 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#0 | 21.95 | 21.25 | 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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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



| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 20MHz | 16QAM | 38000 | 50RB#25 | 21.90 | 21.2 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#50 | 21.92 | 21.22 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 21.88 | 21.18 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0 | 22.68 | 21.98 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#49 | 22.94 | 22.24 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#99 | 22.77 | 22.07 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#0 | 21.71 | 21.01 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#25 | 21.74 | 21.04 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#50 | 21.78 | 21.08 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 21.65 | 20.95 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#0 | 21.86 | 21.16 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#49 | 21.97 | 21.27 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#99 | 22.00 | 21.3 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 50RB#0 | 20.91 | 20.21 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 50RB#25 | 21.48 | 20.78 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 50RB#50 | 21.27 | 20.57 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | 21.29 | 20.59 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 1RB#0 | 22.10 | 21.4 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 1RB#49 | 22.59 | 21.89 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 1RB#99 | 22.12 | 21.42 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 50RB#0 | 20.98 | 20.28 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 50RB#25 | 21.14 | 20.44 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 50RB#50 | 20.90 | 20.2 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | 21.18 | 20.48 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 1RB#0 | 22.63 | 21.93 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 1RB#49 | 22.18 | 21.48 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 1RB#99 | 22.42 | 21.72 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 50RB#0 | 21.00 | 20.3 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 50RB#25 | 21.06 | 20.36 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 50RB#50 | 21.14 | 20.44 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | 21.09 | 20.39 | 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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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



ANT2:

| Band | Bandwidth | Modulation | Channel | RB Config. | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------|--------------|------------|-------------|---------|
| Band38 | 5MHz | QPSK | 37775 | 1RB#0 | 21.06 | 23.26 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 1RB#12 | 20.96 | 23.16 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 1RB#24 | 20.91 | 23.11 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 12RB#0 | 21.08 | 23.28 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 12RB#6 | 21.09 | 23.29 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 12RB#13 | 21.07 | 23.27 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 25RB#0 | 21.10 | 23.3 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 1RB#0 | 20.88 | 23.08 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 1RB#12 | 21.14 | 23.34 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 1RB#24 | 20.67 | 22.87 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 12RB#0 | 20.93 | 23.13 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 12RB#6 | 20.82 | 23.02 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 12RB#13 | 20.77 | 22.97 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 25RB#0 | 20.89 | 23.09 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 1RB#0 | 20.57 | 22.77 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 1RB#12 | 20.63 | 22.83 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 1RB#24 | 20.55 | 22.75 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 12RB#0 | 20.65 | 22.85 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 12RB#6 | 20.57 | 22.77 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 12RB#13 | 20.56 | 22.76 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 25RB#0 | 20.58 | 22.78 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 1RB#0 | 21.39 | 23.59 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 1RB#12 | 21.36 | 23.56 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 1RB#24 | 21.23 | 23.43 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 12RB#0 | 20.10 | 22.3 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 12RB#6 | 20.11 | 22.31 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 12RB#13 | 20.07 | 22.27 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 25RB#0 | 20.08 | 22.28 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 1RB#0 | 21.17 | 23.37 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 1RB#12 | 21.14 | 23.34 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 1RB#24 | 21.00 | 23.2 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 12RB#0 | 19.98 | 22.18 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 12RB#6 | 19.89 | 22.09 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 12RB#13 | 19.85 | 22.05 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 25RB#0 | 19.81 | 22.01 | 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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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.sgs.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



| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 5MHz | 16QAM | 38225 | 1RB#0 | 20.93 | 23.13 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 1RB#12 | 20.92 | 23.12 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 1RB#24 | 20.79 | 22.99 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 12RB#0 | 19.72 | 21.92 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 12RB#6 | 19.69 | 21.89 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 12RB#13 | 19.65 | 21.85 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 25RB#0 | 19.56 | 21.76 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 1RB#0 | 21.28 | 23.48 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 1RB#12 | 21.20 | 23.4 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 1RB#24 | 21.23 | 23.43 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 12RB#0 | 19.95 | 22.15 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 12RB#6 | 20.10 | 22.3 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 12RB#13 | 19.95 | 22.15 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 25RB#0 | 20.05 | 22.25 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 1RB#0 | 21.40 | 23.6 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 1RB#12 | 21.19 | 23.39 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 1RB#24 | 21.03 | 23.23 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 12RB#0 | 20.18 | 22.38 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 12RB#6 | 20.06 | 22.26 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 12RB#13 | 20.12 | 22.32 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 25RB#0 | 20.16 | 22.36 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 1RB#0 | 21.33 | 23.53 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 1RB#12 | 21.20 | 23.4 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 1RB#24 | 20.92 | 23.12 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 12RB#0 | 20.14 | 22.34 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 12RB#6 | 20.17 | 22.37 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 12RB#13 | 20.08 | 22.28 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 25RB#0 | 20.14 | 22.34 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 1RB#0 | 21.27 | 23.47 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 1RB#24 | 21.11 | 23.31 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 1RB#49 | 20.76 | 22.96 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 25RB#0 | 21.26 | 23.46 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 25RB#12 | 21.00 | 23.2 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 25RB#25 | 21.04 | 23.24 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 50RB#0 | 21.06 | 23.26 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 1RB#0 | 20.98 | 23.18 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 1RB#24 | 20.99 | 23.19 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 1RB#49 | 20.64 | 22.84 | 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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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



| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 10MHz | QPSK | 38000 | 25RB#0 | 20.85 | 23.05 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 25RB#12 | 20.84 | 23.04 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 25RB#25 | 20.76 | 22.96 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 50RB#0 | 20.80 | 23 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 1RB#0 | 20.74 | 22.94 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 1RB#24 | 20.68 | 22.88 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 1RB#49 | 20.16 | 22.36 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 25RB#0 | 20.60 | 22.8 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 25RB#12 | 20.51 | 22.71 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 25RB#25 | 20.56 | 22.76 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 50RB#0 | 20.53 | 22.73 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0 | 21.52 | 23.72 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#24 | 21.33 | 23.53 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#49 | 21.55 | 23.75 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#0 | 20.00 | 22.2 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#12 | 20.02 | 22.22 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#25 | 20.02 | 22.22 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | 20.09 | 22.29 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0 | 21.24 | 23.44 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#24 | 21.11 | 23.31 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#49 | 21.34 | 23.54 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#0 | 19.79 | 21.99 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#12 | 19.80 | 22 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#25 | 19.75 | 21.95 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | 19.85 | 22.05 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0 | 21.09 | 23.29 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#24 | 20.78 | 22.98 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#49 | 21.06 | 23.26 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#0 | 19.58 | 21.78 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#12 | 19.47 | 21.67 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#25 | 19.62 | 21.82 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | 19.60 | 21.8 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 1RB#0 | 21.50 | 23.7 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 1RB#24 | 21.22 | 23.42 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 1RB#49 | 21.30 | 23.5 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 25RB#0 | 19.96 | 22.16 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 25RB#12 | 19.98 | 22.18 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 25RB#25 | 20.11 | 22.31 | 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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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



| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 10MHz | 64QAM | 37800 | 50RB#0 | 20.03 | 22.23 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 1RB#0 | 21.31 | 23.51 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 1RB#24 | 21.41 | 23.61 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 1RB#49 | 21.18 | 23.38 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 25RB#0 | 19.99 | 22.19 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 25RB#12 | 20.12 | 22.32 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 25RB#25 | 20.16 | 22.36 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 50RB#0 | 20.11 | 22.31 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 1RB#0 | 21.52 | 23.72 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 1RB#24 | 21.28 | 23.48 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 1RB#49 | 21.07 | 23.27 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 25RB#0 | 20.16 | 22.36 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 25RB#12 | 20.06 | 22.26 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 25RB#25 | 20.18 | 22.38 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 50RB#0 | 20.07 | 22.27 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 1RB#0 | 21.20 | 23.4 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 1RB#38 | 21.21 | 23.41 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 1RB#74 | 21.03 | 23.23 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 38RB#0 | 21.56 | 23.76 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 38RB#18 | 21.20 | 23.4 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 38RB#37 | 21.00 | 23.2 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 75RB#0 | 21.29 | 23.49 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 1RB#0 | 21.06 | 23.26 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 1RB#38 | 20.98 | 23.18 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 1RB#74 | 20.98 | 23.18 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 38RB#0 | 21.06 | 23.26 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 38RB#18 | 21.08 | 23.28 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 38RB#37 | 21.04 | 23.24 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 75RB#0 | 20.99 | 23.19 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 1RB#0 | 20.78 | 22.98 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 1RB#38 | 20.76 | 22.96 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 1RB#74 | 20.74 | 22.94 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 38RB#0 | 20.92 | 23.12 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 38RB#18 | 20.92 | 23.12 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 38RB#37 | 20.84 | 23.04 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 75RB#0 | 20.84 | 23.04 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0 | 21.39 | 23.59 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#38 | 21.53 | 23.73 | 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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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



| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 15MHz | 16QAM | 37825 | 1RB#74 | 21.35 | 23.55 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#0 | 21.38 | 23.58 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#18 | 21.46 | 23.66 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#37 | 21.50 | 23.7 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | 20.26 | 22.46 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0 | 21.27 | 23.47 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#38 | 21.26 | 23.46 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#74 | 21.12 | 23.32 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#0 | 21.29 | 23.49 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#18 | 21.27 | 23.47 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#37 | 21.21 | 23.41 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0 | 20.02 | 22.22 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0 | 21.11 | 23.31 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#38 | 21.04 | 23.24 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#74 | 21.06 | 23.26 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#0 | 20.85 | 23.05 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#18 | 21.15 | 23.35 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#37 | 21.04 | 23.24 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0 | 19.87 | 22.07 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#0 | 21.38 | 23.58 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#38 | 21.37 | 23.57 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#74 | 21.40 | 23.6 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#0 | 21.72 | 23.92 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#18 | 21.43 | 23.63 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#37 | 21.42 | 23.62 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 75RB#0 | 20.20 | 22.4 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#0 | 21.30 | 23.5 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#38 | 21.18 | 23.38 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#74 | 21.42 | 23.62 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#0 | 21.56 | 23.76 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#18 | 21.36 | 23.56 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#37 | 21.30 | 23.5 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 75RB#0 | 20.16 | 22.36 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 1RB#0 | 21.38 | 23.58 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 1RB#38 | 21.35 | 23.55 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 1RB#74 | 21.02 | 23.22 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 38RB#0 | 21.59 | 23.79 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 38RB#18 | 21.36 | 23.56 | 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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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



| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 15MHz | 64QAM | 38175 | 38RB#37 | 21.17 | 23.37 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 75RB#0 | 20.10 | 22.3 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 1RB#0 | 20.93 | 23.13 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 1RB#49 | 21.06 | 23.26 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 1RB#99 | 20.68 | 22.88 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 50RB#0 | 21.25 | 23.45 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 50RB#25 | 21.23 | 23.43 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 50RB#50 | 21.15 | 23.35 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | 21.19 | 23.39 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 1RB#0 | 21.10 | 23.3 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 1RB#49 | 21.02 | 23.22 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 1RB#99 | 20.95 | 23.15 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 50RB#0 | 21.06 | 23.26 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 50RB#25 | 21.03 | 23.23 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 50RB#50 | 21.03 | 23.23 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | 21.00 | 23.2 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 1RB#0 | 20.90 | 23.1 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 1RB#49 | 20.94 | 23.14 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 1RB#99 | 20.58 | 22.78 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 50RB#0 | 20.84 | 23.04 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 50RB#25 | 20.84 | 23.04 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 50RB#50 | 20.74 | 22.94 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | 20.83 | 23.03 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0 | 21.44 | 23.64 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#49 | 21.42 | 23.62 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#99 | 21.29 | 23.49 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#0 | 20.29 | 22.49 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#25 | 20.27 | 22.47 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#50 | 20.26 | 22.46 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 20.26 | 22.46 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0 | 21.34 | 23.54 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#49 | 21.23 | 23.43 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#99 | 21.15 | 23.35 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#0 | 20.14 | 22.34 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#25 | 20.08 | 22.28 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#50 | 20.05 | 22.25 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 20.05 | 22.25 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0 | 21.29 | 23.49 | 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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch 检验检测专用章
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



| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 20MHz | 16QAM | 38150 | 1RB#49 | 21.06 | 23.26 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#99 | 21.00 | 23.2 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#0 | 19.88 | 22.08 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#25 | 19.94 | 22.14 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#50 | 19.84 | 22.04 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 20.03 | 22.23 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#0 | 21.35 | 23.55 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#49 | 21.38 | 23.58 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#99 | 20.96 | 23.16 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 50RB#0 | 20.13 | 22.33 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 50RB#25 | 20.17 | 22.37 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 50RB#50 | 20.23 | 22.43 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | 20.10 | 22.3 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 1RB#0 | 21.49 | 23.69 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 1RB#49 | 21.25 | 23.45 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 1RB#99 | 21.37 | 23.57 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 50RB#0 | 20.21 | 22.41 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 50RB#25 | 20.20 | 22.4 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 50RB#50 | 20.25 | 22.45 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | 20.11 | 22.31 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 1RB#0 | 21.41 | 23.61 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 1RB#49 | 21.34 | 23.54 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 1RB#99 | 21.07 | 23.27 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 50RB#0 | 20.12 | 22.32 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 50RB#25 | 20.26 | 22.46 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 50RB#50 | 20.14 | 22.34 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | 20.14 | 22.34 | 33.00 | PASS |

Remark:

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

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$



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

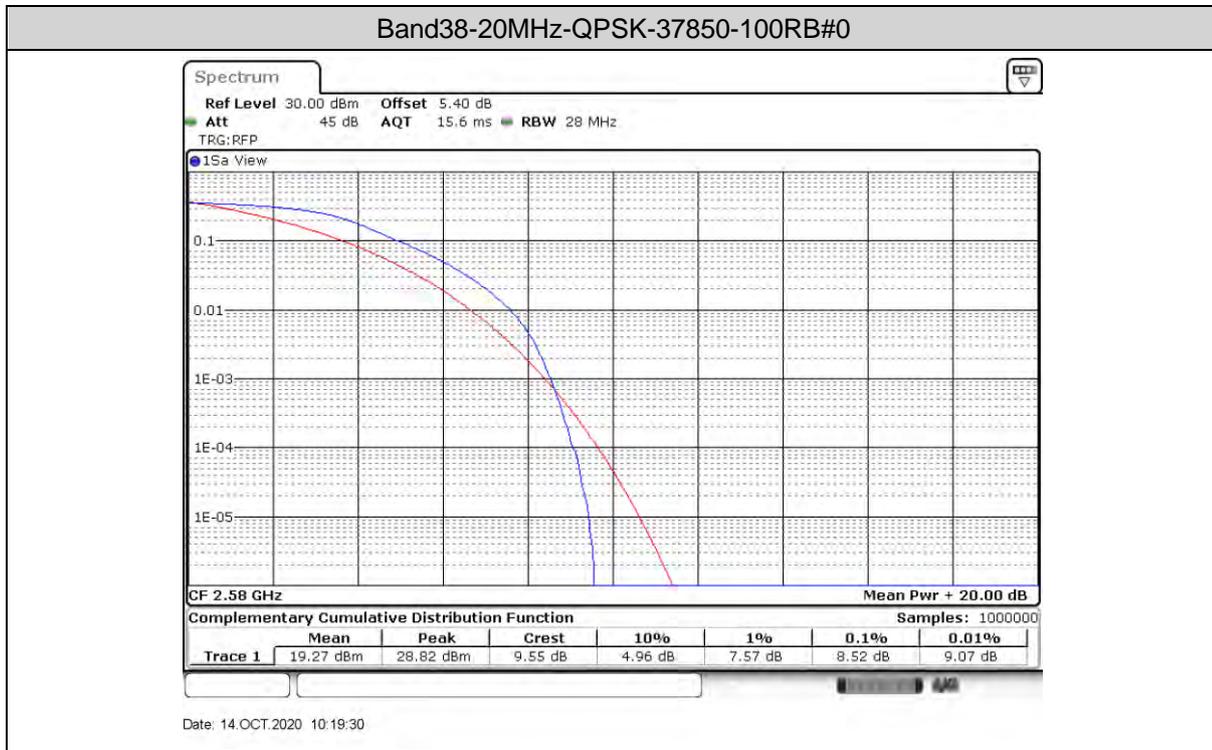


2 Peak-to-Average Ratio (CCDF)

2.1 Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | 8.52 | 13 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | 8.52 | 13 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | 8.41 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 9.39 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 9.48 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 9.45 | 13 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | 9.91 | 13 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | 9.91 | 13 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | 9.83 | 13 | PASS |

2.2 Test Plots

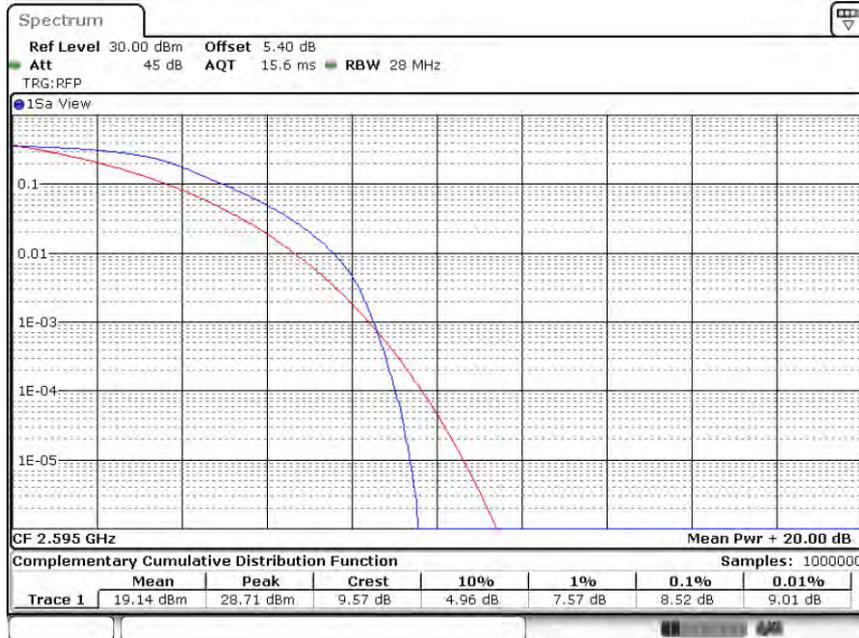


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

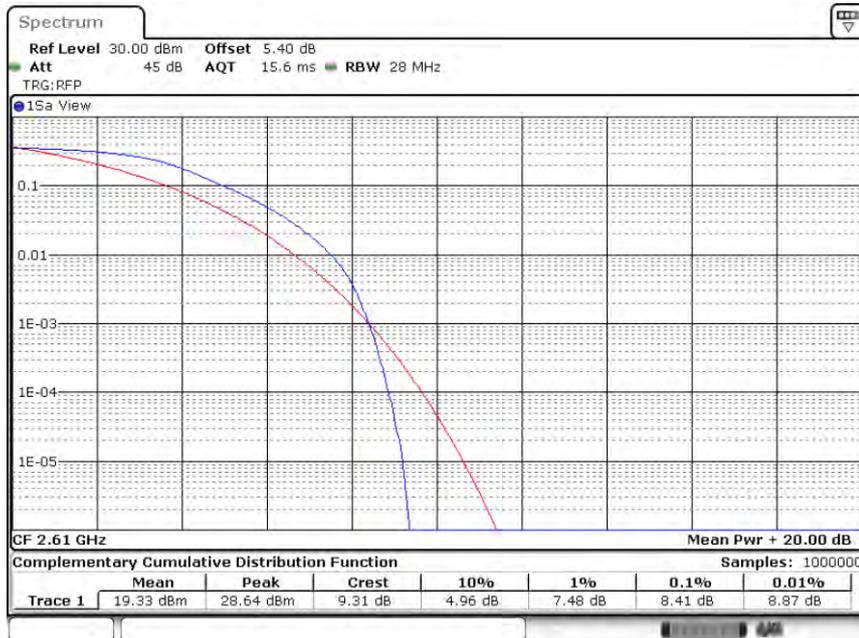
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band38-20MHz-QPSK-38000-100RB#0



Date: 14.OCT.2020 10:19:58

Band38-20MHz-QPSK-38150-100RB#0

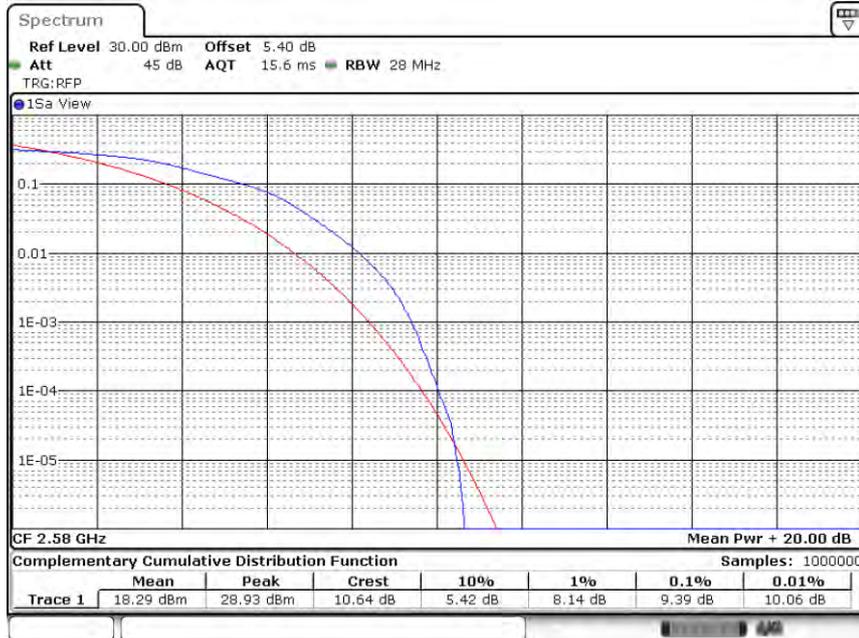


Date: 14.OCT.2020 10:20:27



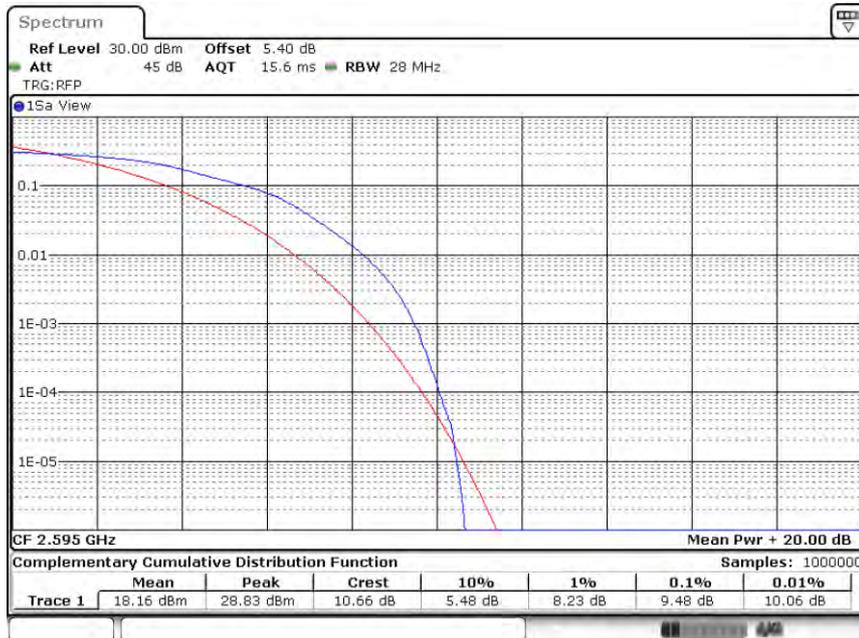
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-20MHz-16QAM-37850-100RB#0



Date: 14.OCT.2020 10:19:44

Band38-20MHz-16QAM-38000-100RB#0

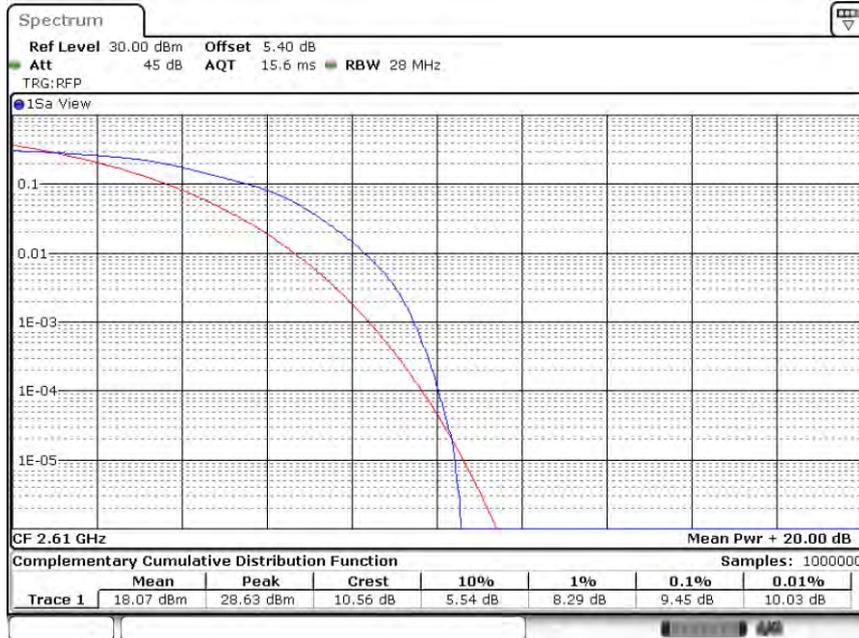


Date: 14.OCT.2020 10:20:13



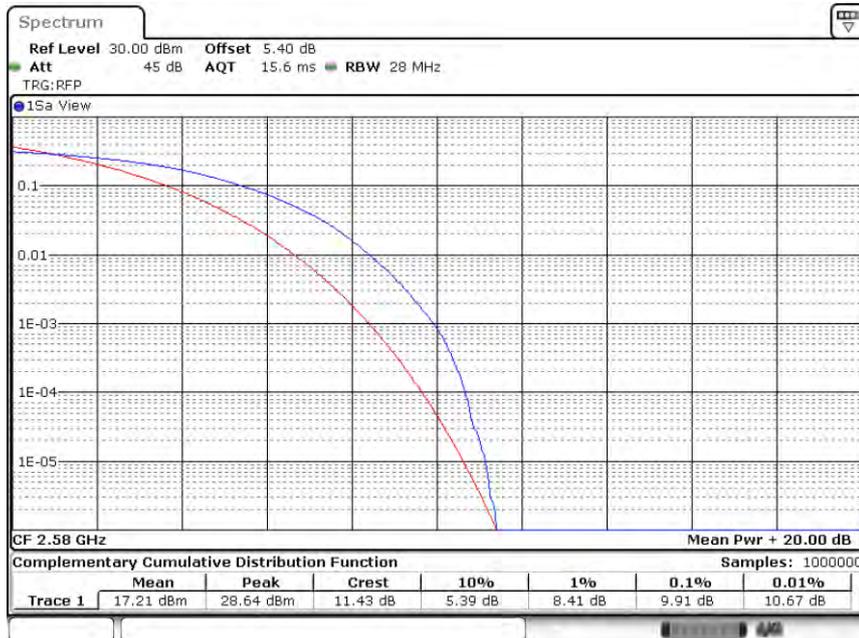
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-20MHz-16QAM-38150-100RB#0



Date: 14.OCT.2020 10:20:41

Band38-20MHz-64QAM-37850-100RB#0

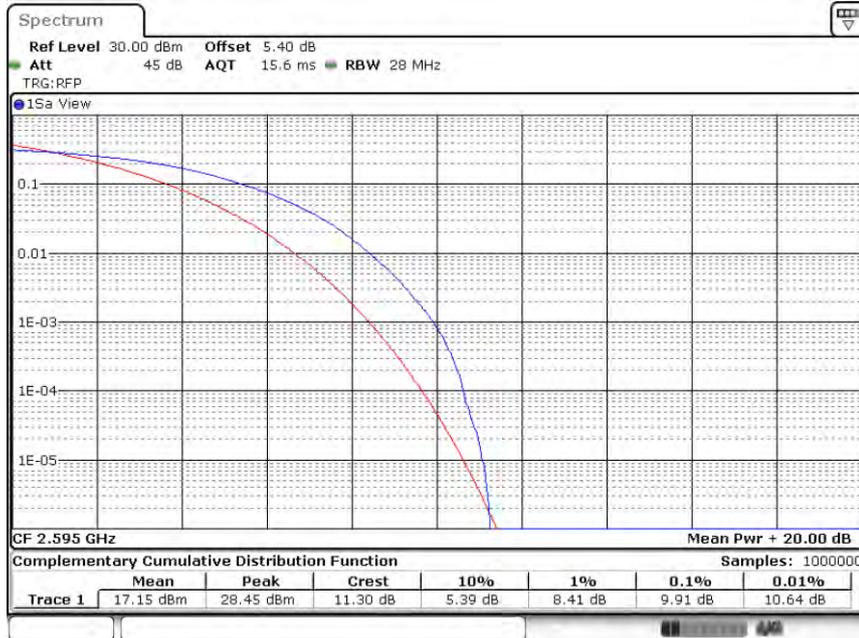


Date: 14.OCT.2020 11:48:33



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

Band38-20MHz-64QAM-38000-100RB#0



Date: 14.OCT.2020 11:48:47

Band38-20MHz-64QAM-38150-100RB#0



Date: 14.OCT.2020 11:49:02



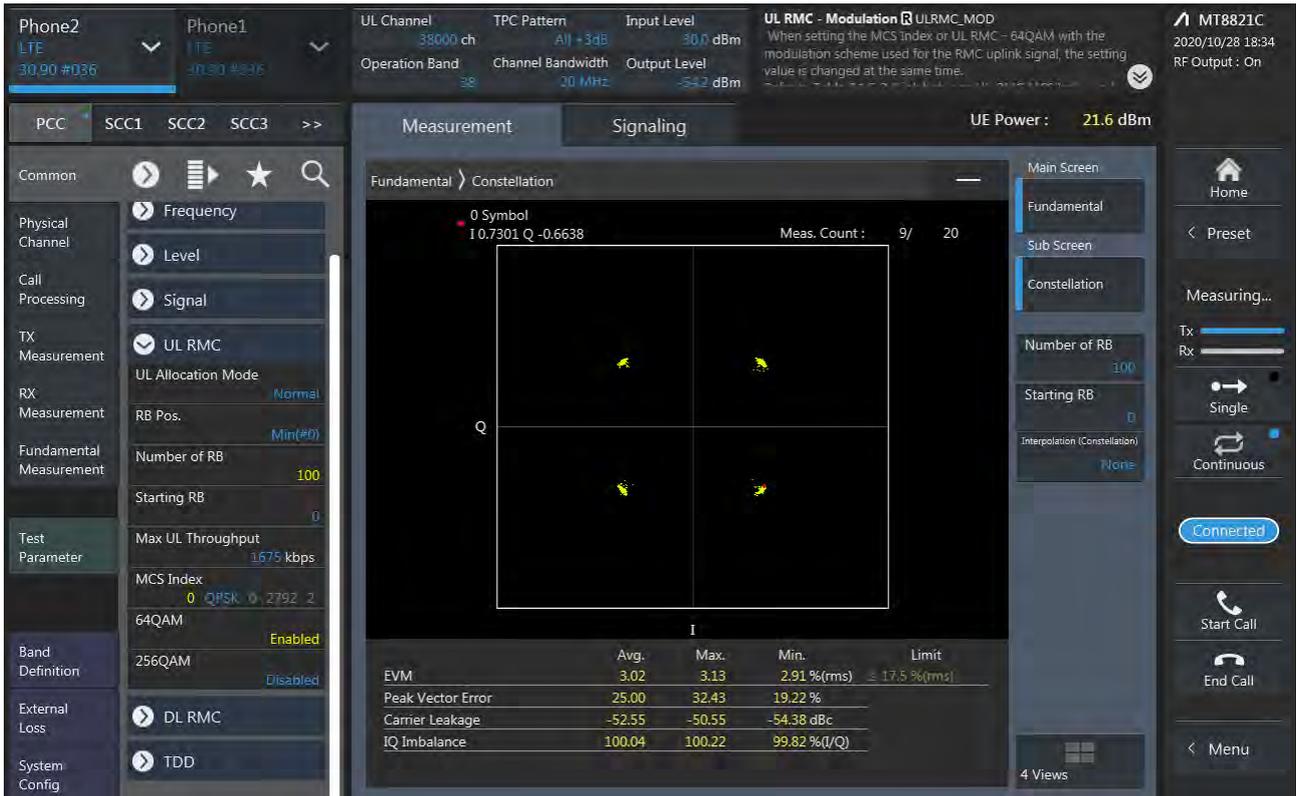
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



3 Modulation Characteristics

3.1 Test Mode = LTE /TM1 20MHz

3.1.1 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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

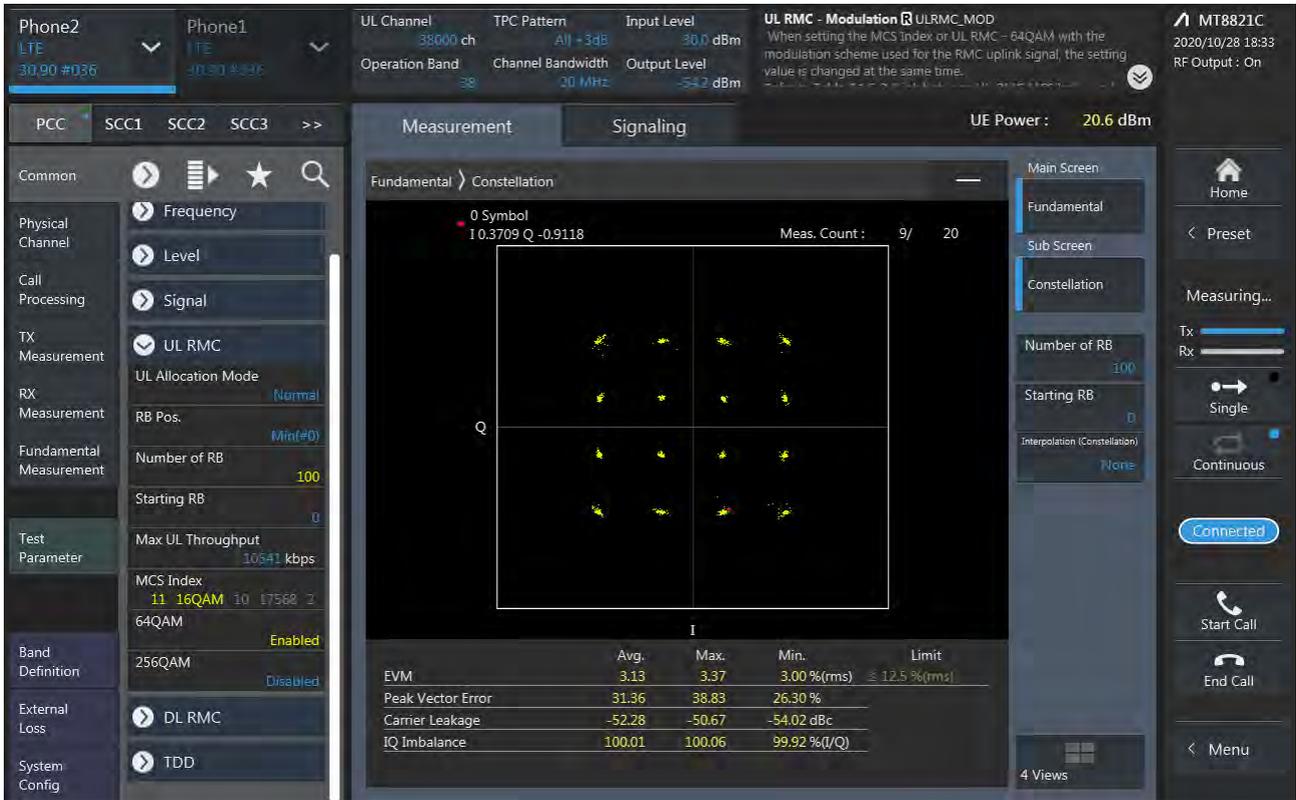
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



3.2 Test Mode = LTE /TM2 20MHz

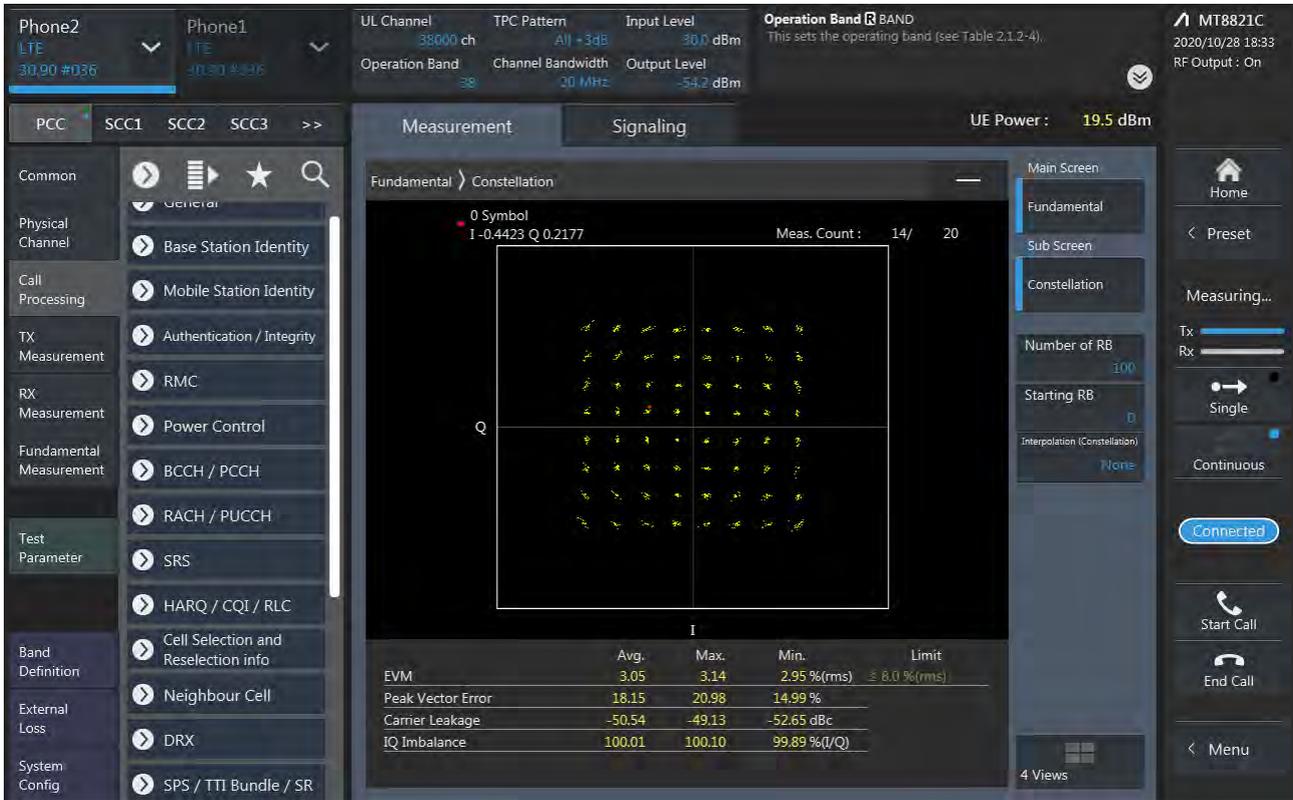
3.2.1 Test Channel = MCH





3.3 Test Mode = LTE /TM3 20MHz

3.3.1 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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

4 26dB Bandwidth and Occupied Bandwidth

4.1 Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band38 | 5MHz | QPSK | 37775 | 25RB#0 | 4.466 | 4.940 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 25RB#0 | 4.476 | 4.950 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 25RB#0 | 4.476 | 4.930 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 25RB#0 | 4.496 | 4.970 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 25RB#0 | 4.496 | 4.970 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 25RB#0 | 4.496 | 4.950 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 25RB#0 | 4.486 | 5.050 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 25RB#0 | 4.486 | 5.070 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 25RB#0 | 4.486 | 5.050 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 50RB#0 | 8.911 | 9.840 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 50RB#0 | 8.911 | 9.780 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 50RB#0 | 8.911 | 9.840 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | 8.911 | 9.660 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | 8.911 | 9.660 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | 8.911 | 9.620 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 50RB#0 | 8.931 | 9.740 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 50RB#0 | 8.931 | 9.760 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 50RB#0 | 8.931 | 9.760 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 75RB#0 | 13.516 | 16.320 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 75RB#0 | 13.516 | 16.650 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 75RB#0 | 13.487 | 16.230 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | 13.487 | 15.000 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0 | 13.487 | 14.970 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0 | 13.457 | 15.000 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 75RB#0 | 13.457 | 15.000 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 75RB#0 | 13.457 | 14.880 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 75RB#0 | 13.457 | 14.760 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | 17.942 | 19.920 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | 17.942 | 19.880 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | 17.902 | 19.640 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 17.942 | 19.920 | PASS |



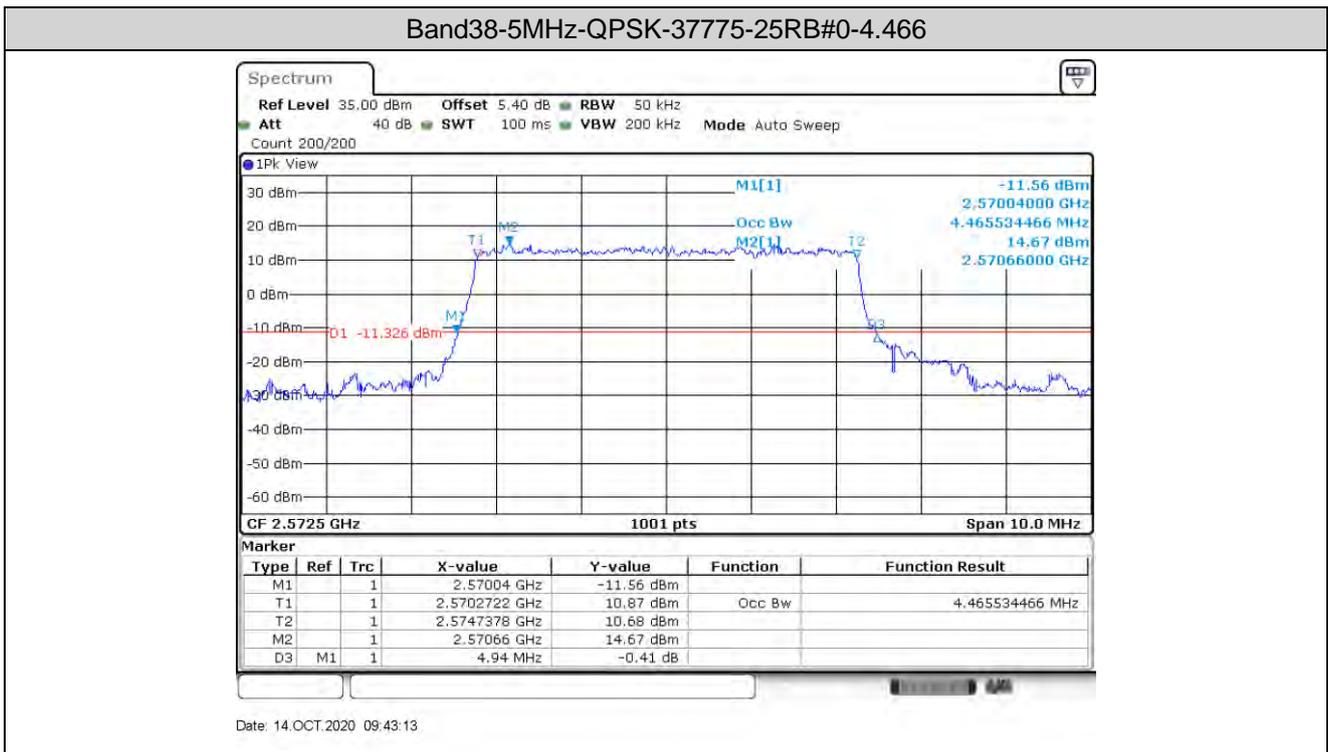
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch 检验检测专用章
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

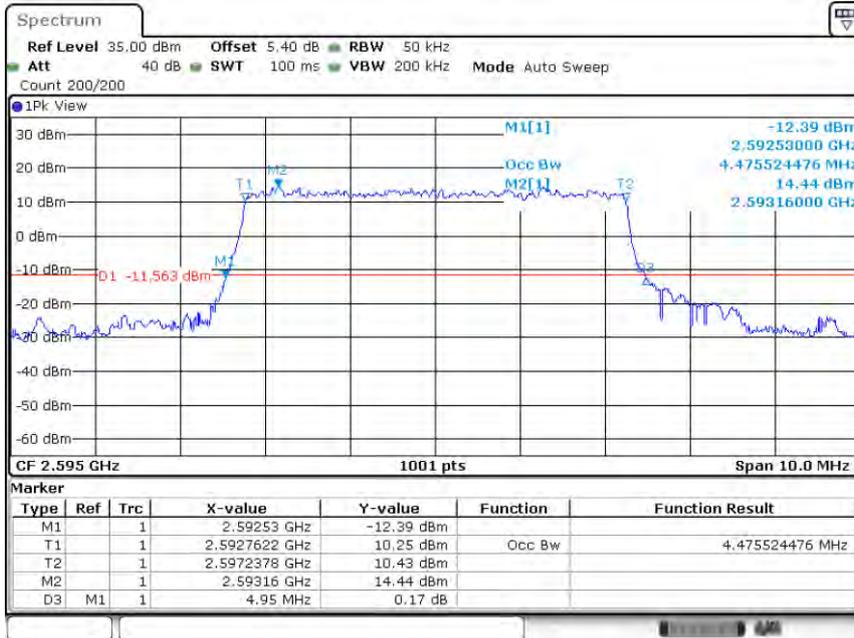
| | | | | | | | |
|--------|-------|-------|-------|---------|--------|--------|------|
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 17.902 | 20.160 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 17.902 | 20.000 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | 17.942 | 19.680 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | 17.942 | 19.680 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | 17.902 | 19.680 | PASS |

4.2 Test Plots



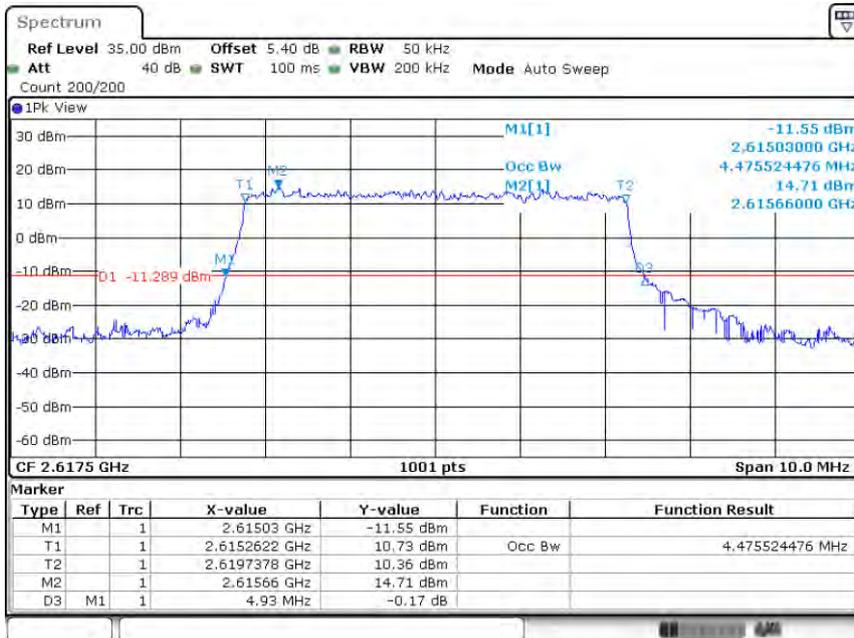
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document1.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.

Band38-5MHz-QPSK-38000-25RB#0-4.476



Date: 14.OCT.2020 09:44:24

Band38-5MHz-QPSK-38225-25RB#0-4.476

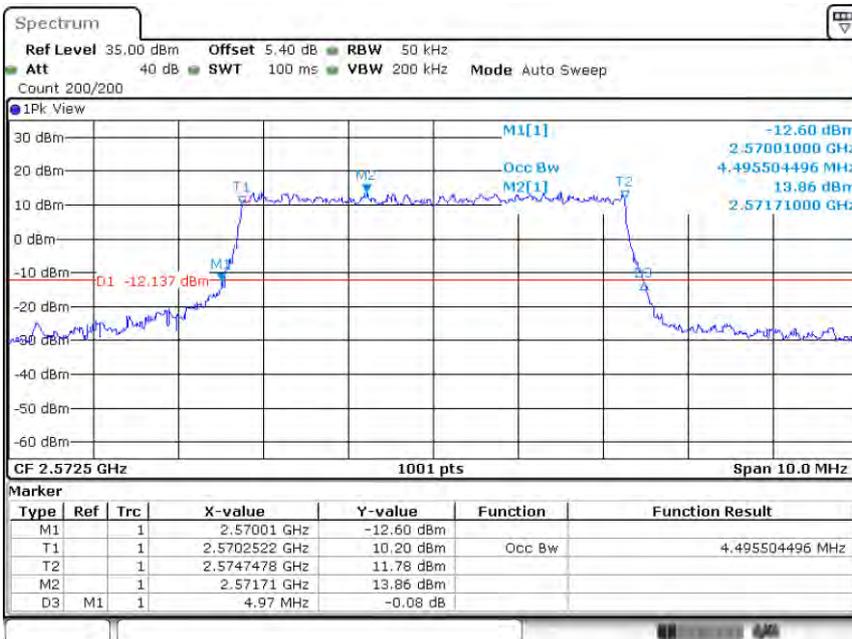


Date: 14.OCT.2020 09:45:36



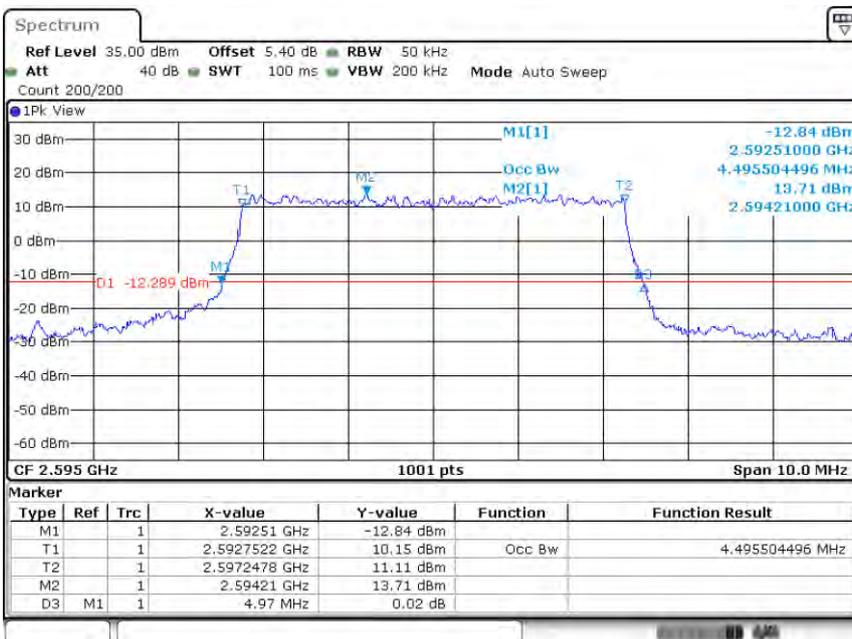
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-5MHz-16QAM-37775-25RB#0-4.496



Date: 14.OCT.2020 09:43:48

Band38-5MHz-16QAM-38000-25RB#0-4.496

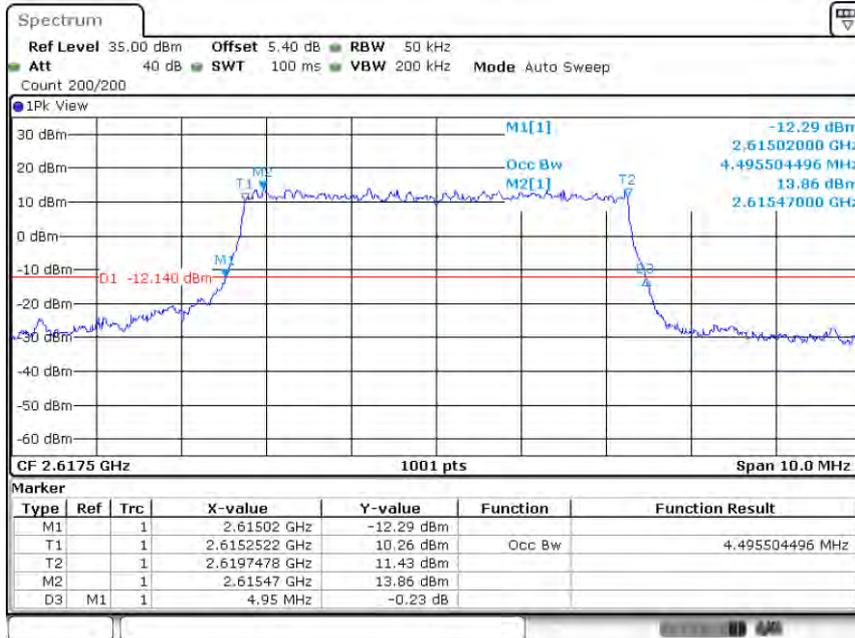


Date: 14.OCT.2020 09:45:00



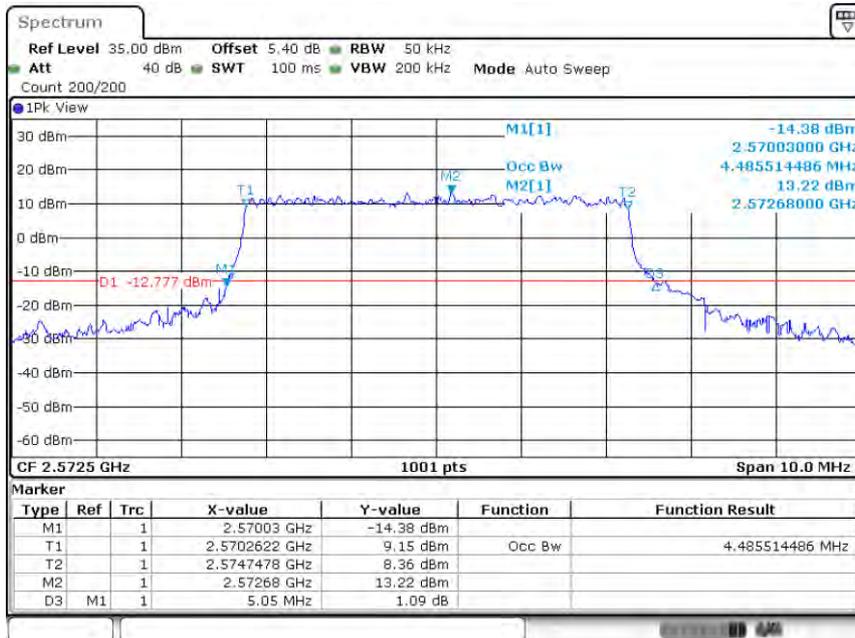
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-5MHz-16QAM-38225-25RB#0-4.496



Date: 14.OCT.2020 09:46:12

Band38-5MHz-64QAM-37775-25RB#0-4.486

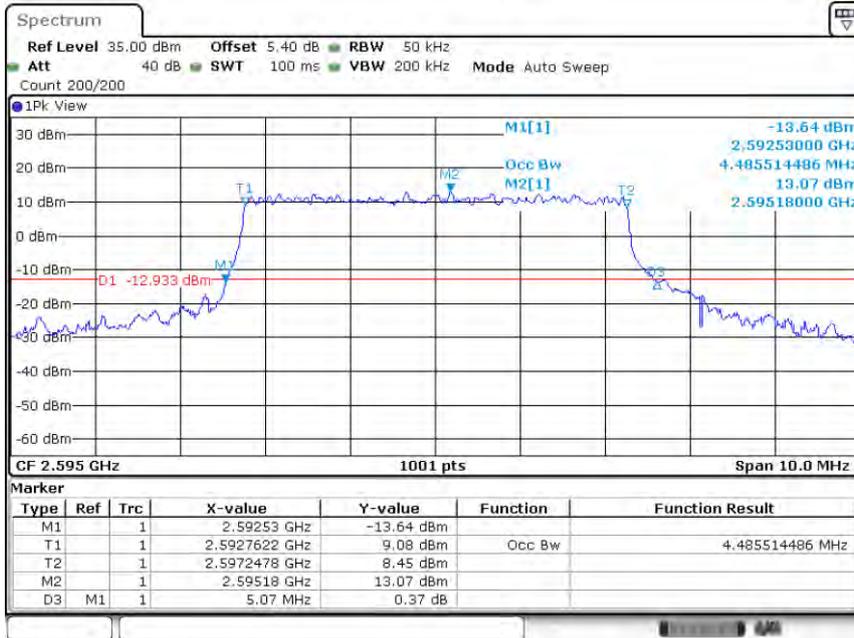


Date: 14.OCT.2020 11:29:53



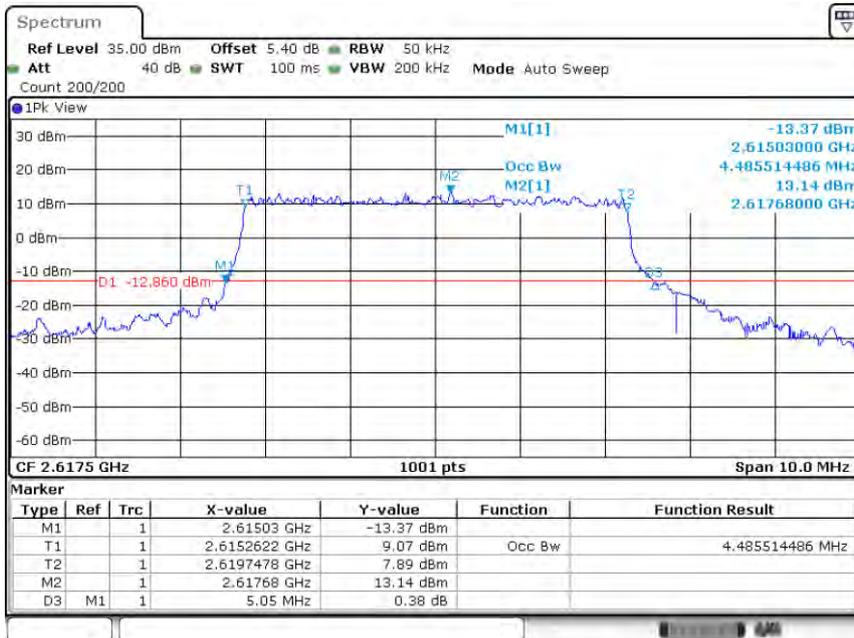
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-5MHz-64QAM-38000-25RB#0-4.486



Date: 14.OCT.2020 11:30:40

Band38-5MHz-64QAM-38225-25RB#0-4.486

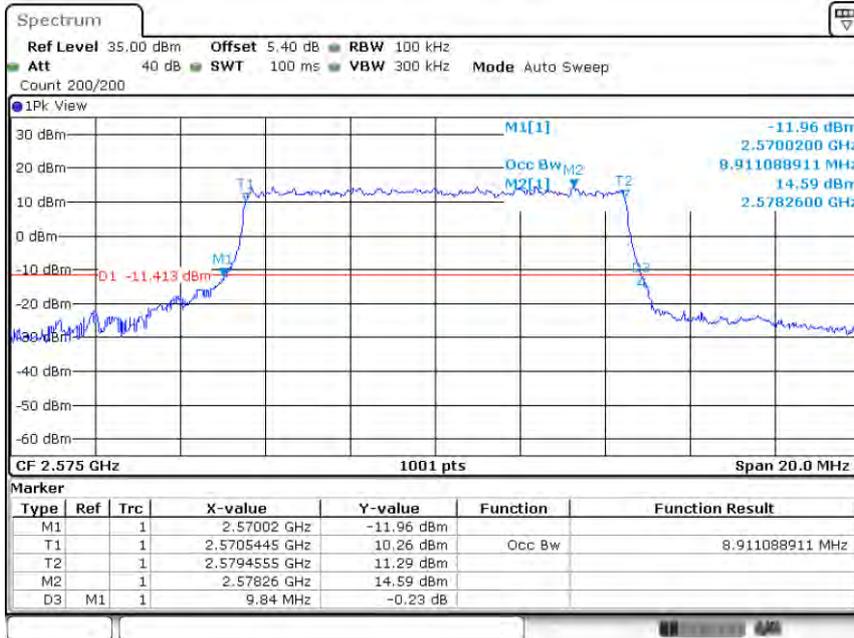


Date: 14.OCT.2020 11:31:21



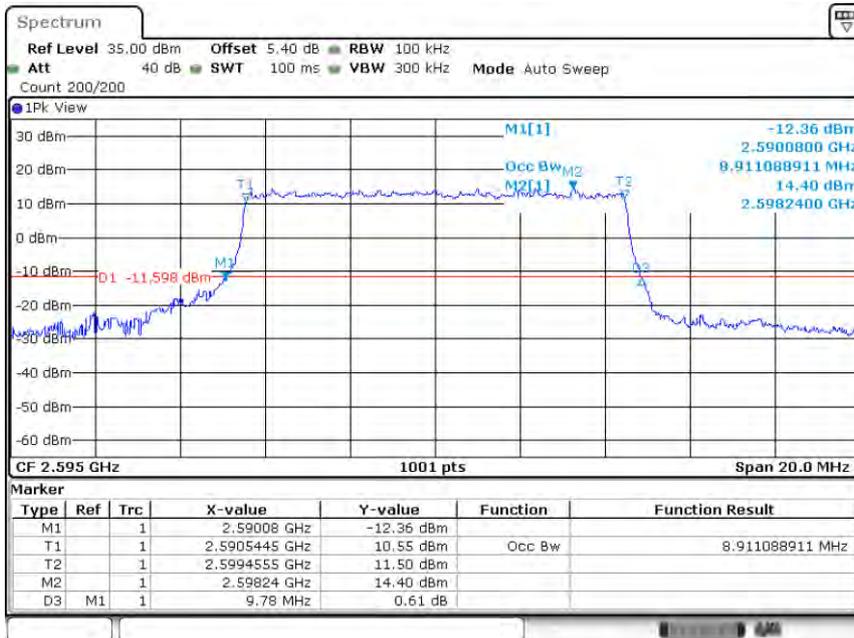
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-10MHz-QPSK-37800-50RB#0-8.911



Date: 14.OCT.2020 09:46:54

Band38-10MHz-QPSK-38000-50RB#0-8.911

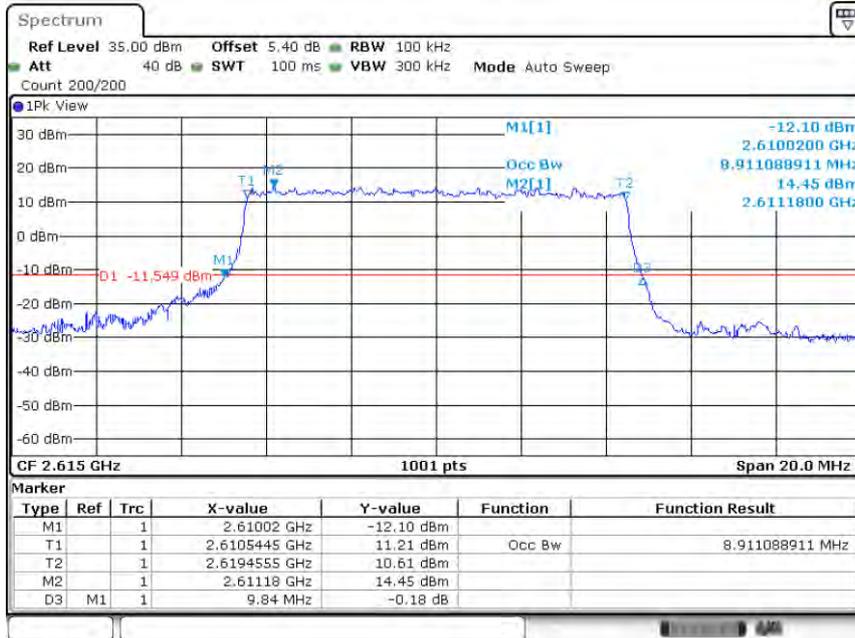


Date: 14.OCT.2020 09:48:06



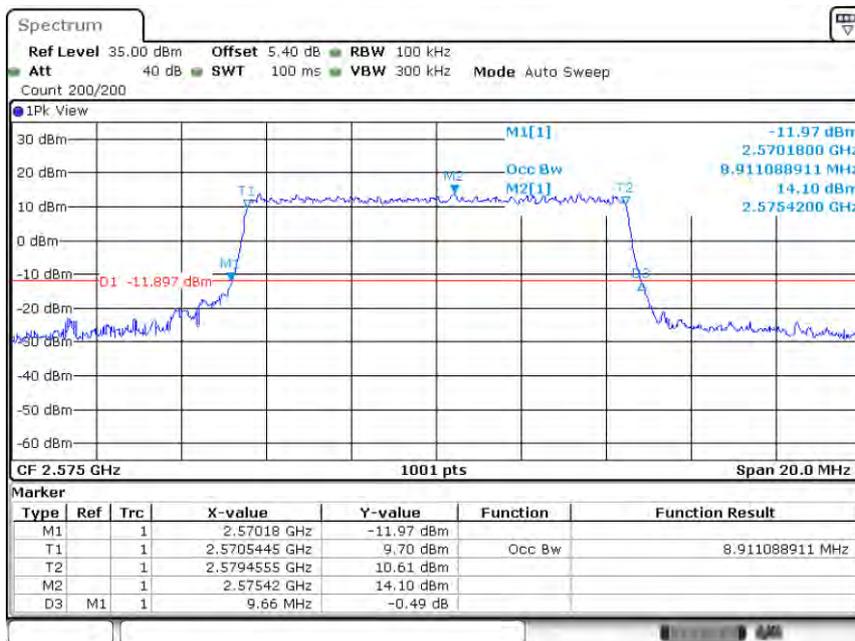
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-10MHz-QPSK-38200-50RB#0-8.911



Date: 14.OCT.2020 09:49:18

Band38-10MHz-16QAM-37800-50RB#0-8.911

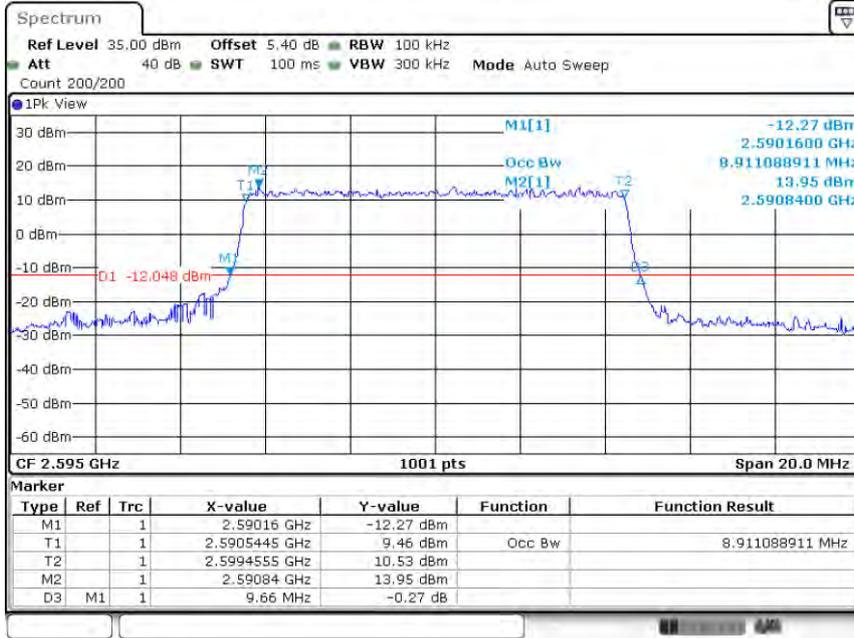


Date: 14.OCT.2020 09:47:30



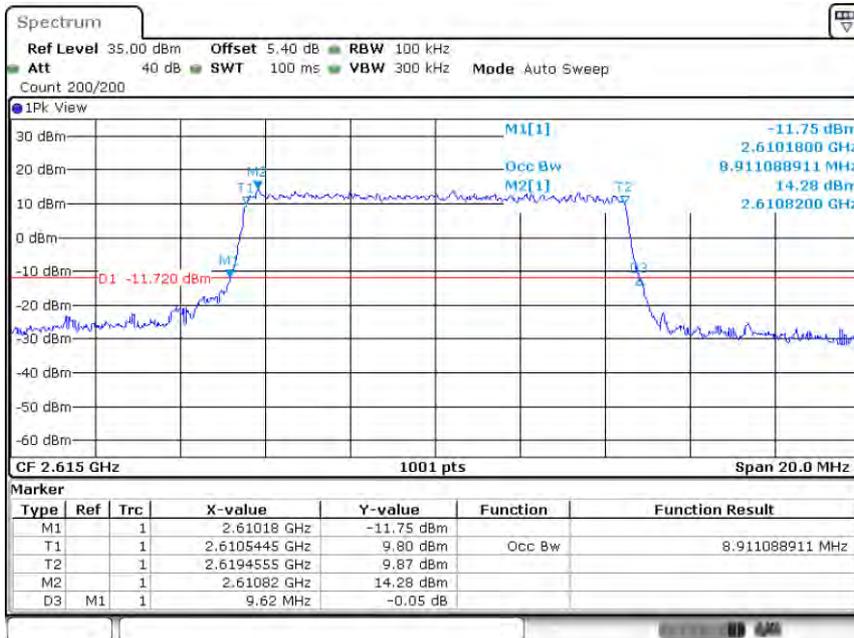
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-10MHz-16QAM-38000-50RB#0-8.911



Date: 14.OCT.2020 09:48:42

Band38-10MHz-16QAM-38200-50RB#0-8.911

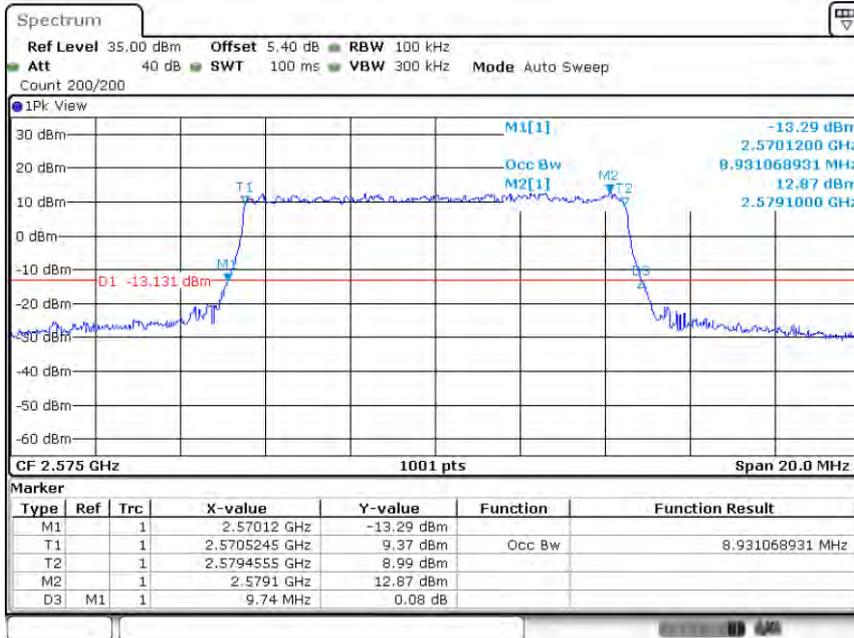


Date: 14.OCT.2020 09:49:53



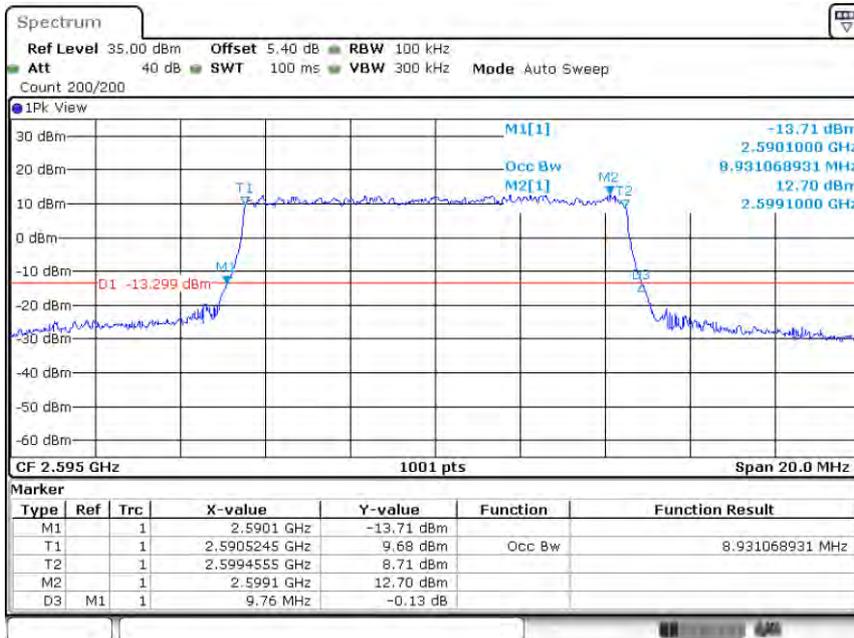
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-10MHz-64QAM-37800-50RB#0-8.931



Date: 14.OCT.2020 11:32:04

Band38-10MHz-64QAM-38000-50RB#0-8.931

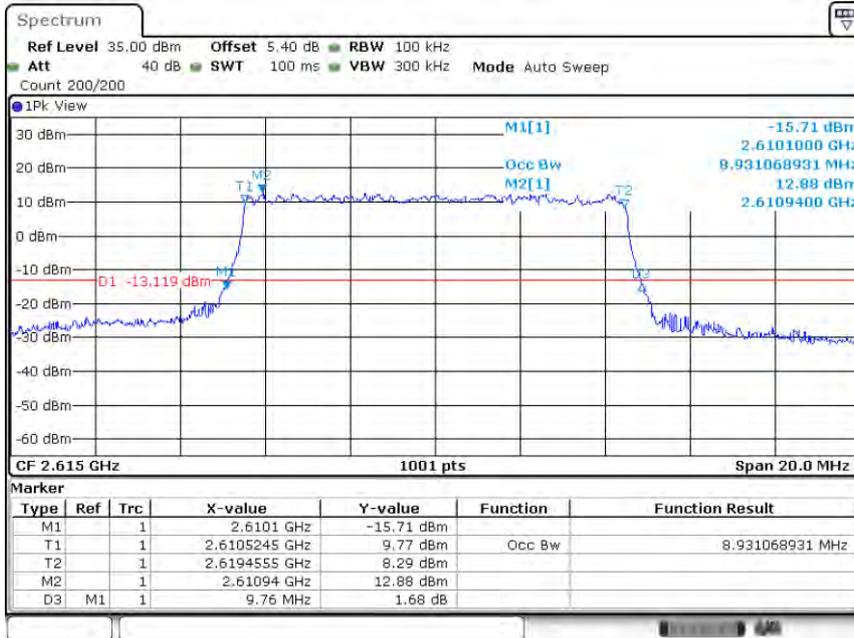


Date: 14.OCT.2020 11:32:40



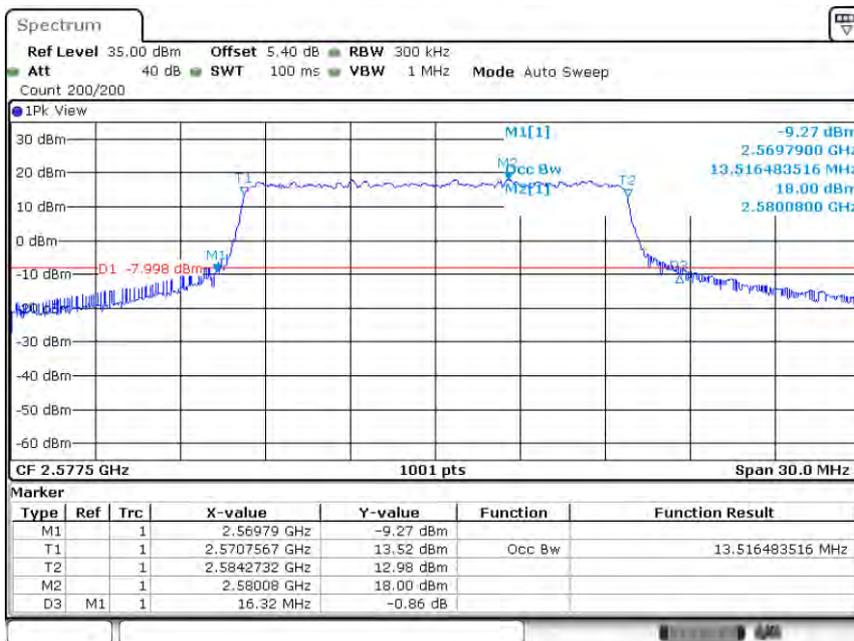
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-10MHz-64QAM-38200-50RB#0-8.931



Date: 14.OCT.2020 11:33:16

Band38-15MHz-QPSK-37825-75RB#0-13.516

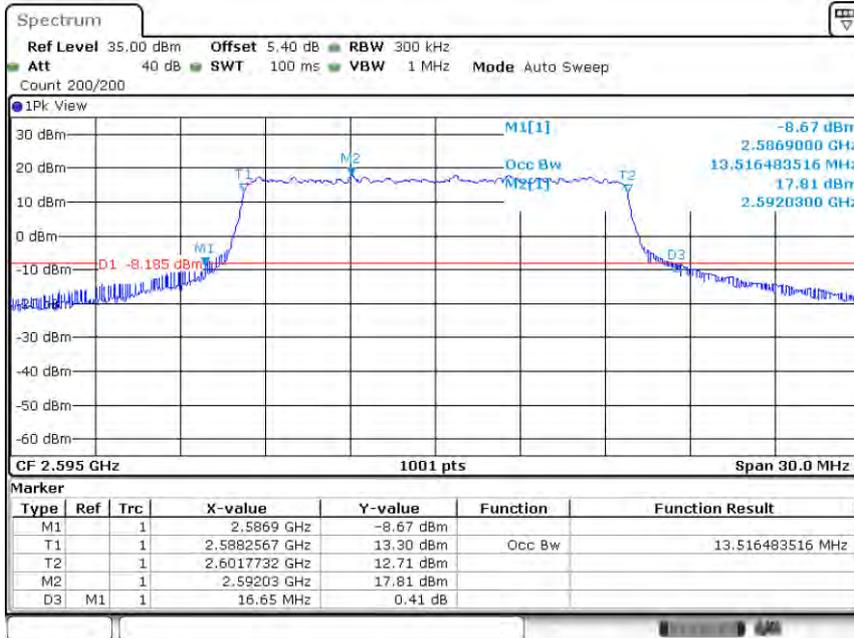


Date: 14.OCT.2020 09:50:35



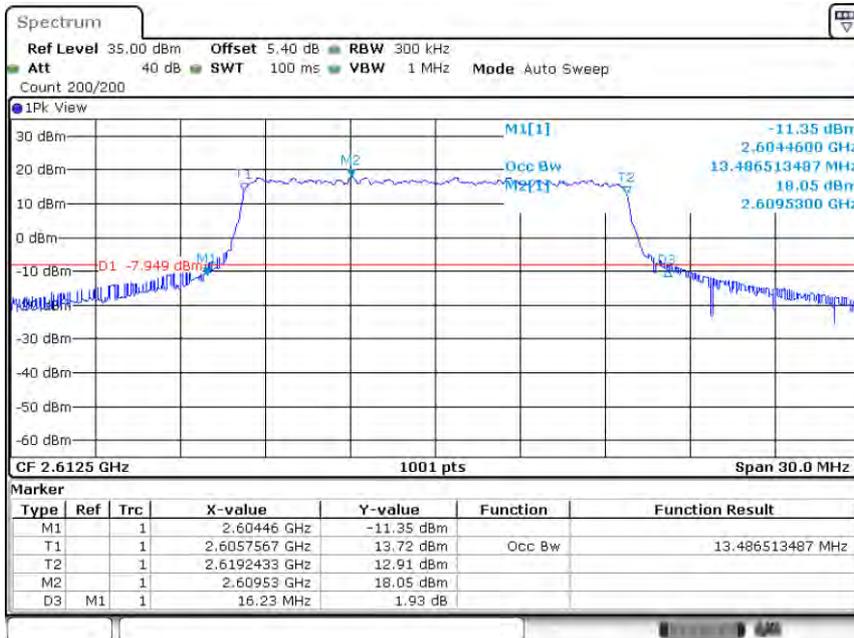
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-15MHz-QPSK-38000-75RB#0-13.516



Date: 14.OCT.2020 09:51:47

Band38-15MHz-QPSK-38175-75RB#0-13.487



Date: 14.OCT.2020 09:52:59

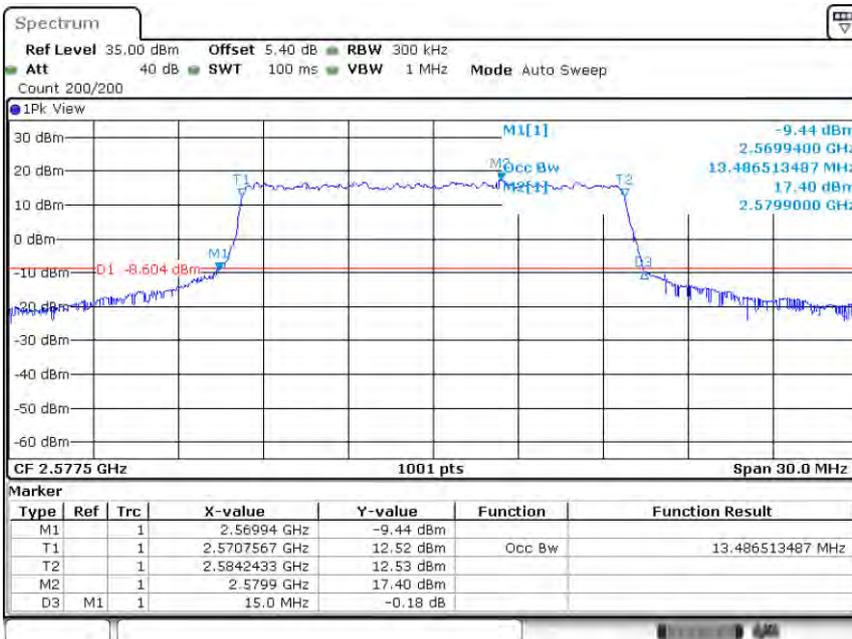


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

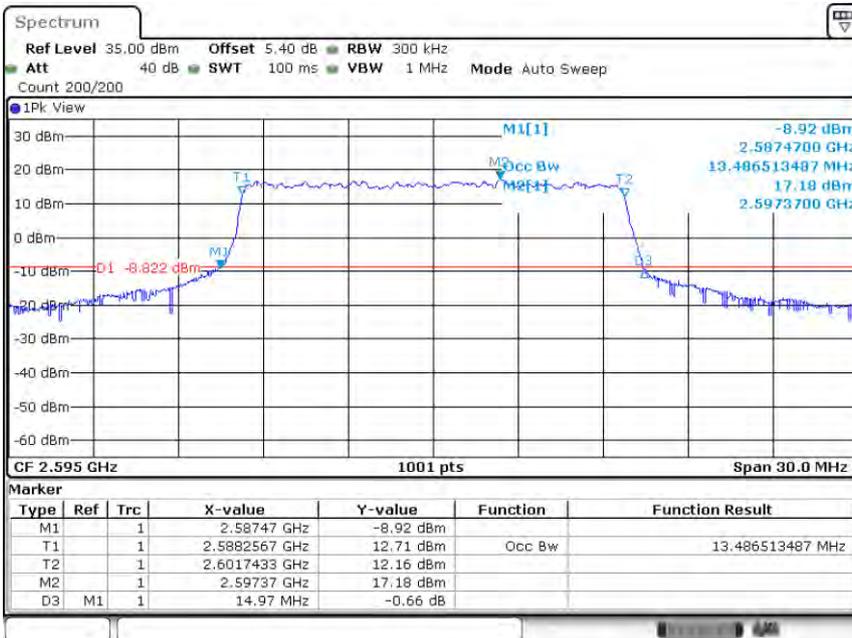
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch, Inspection & Testing Services Laboratory
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053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

Band38-15MHz-16QAM-37825-75RB#0-13.487



Date: 14.OCT.2020 09:51:11

Band38-15MHz-16QAM-38000-75RB#0-13.487



Date: 14.OCT.2020 09:52:23

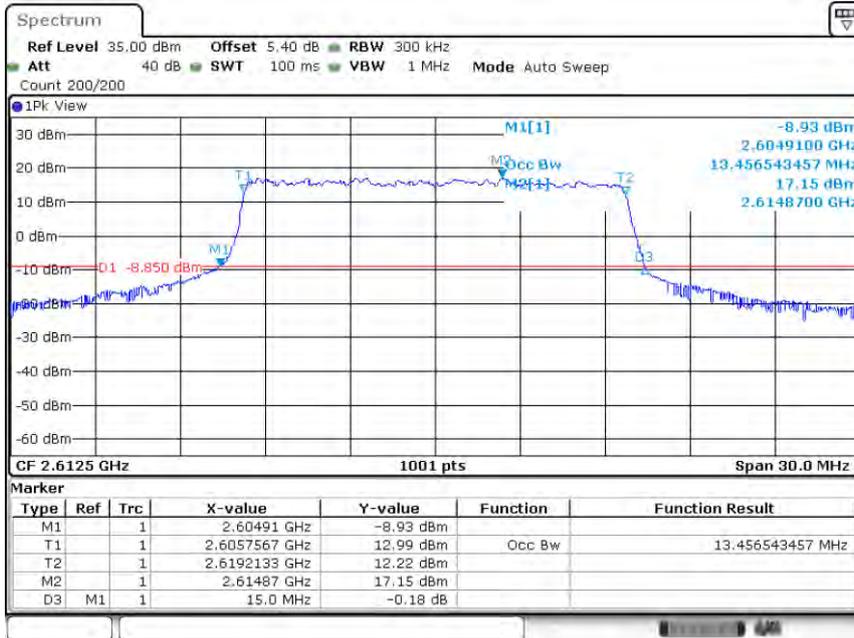


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

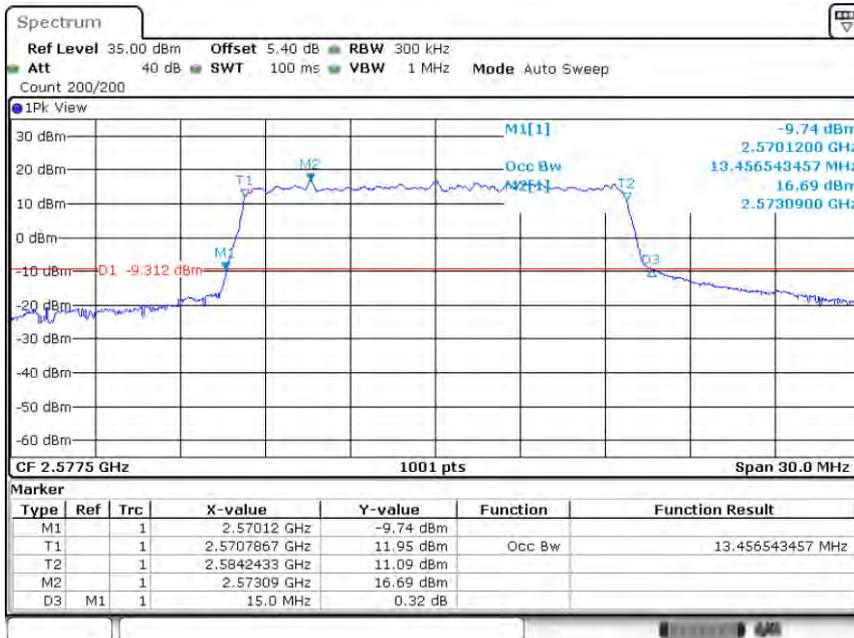
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band38-15MHz-16QAM-38175-75RB#0-13.457



Date: 14.OCT.2020 09:53:35

Band38-15MHz-64QAM-37825-75RB#0-13.457



Date: 14.OCT.2020 11:34:32

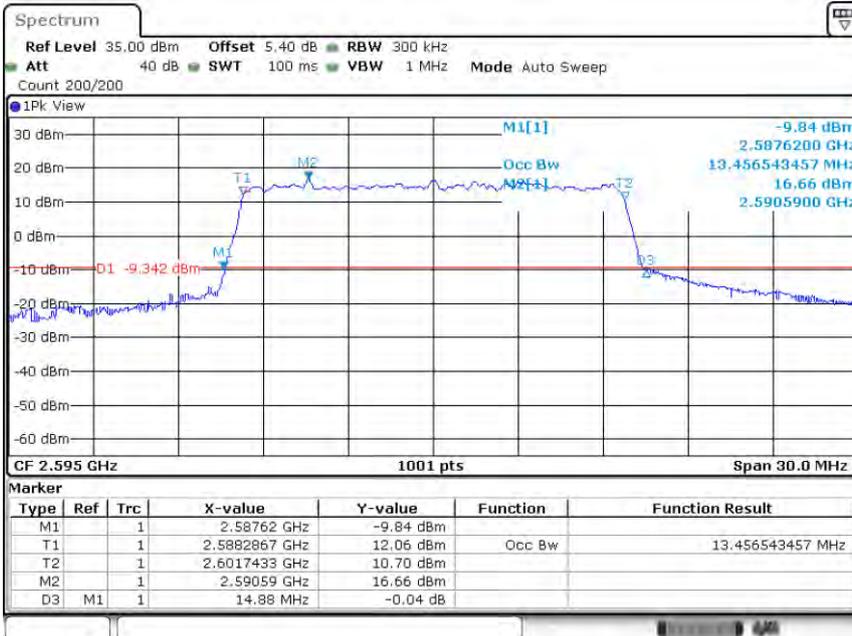


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

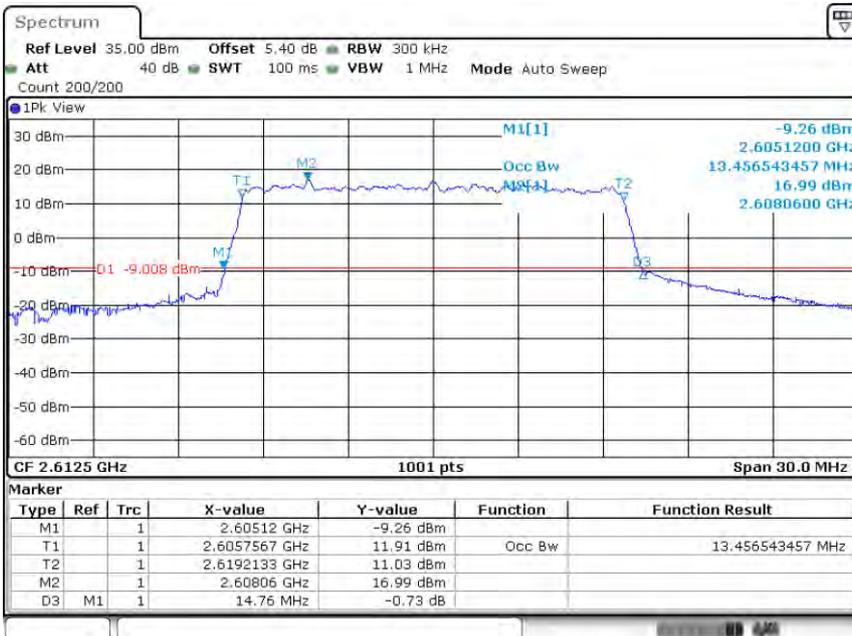
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch, Inspection & Testing Services Laboratory
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053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

Band38-15MHz-64QAM-38000-75RB#0-13.457



Date: 14.OCT.2020 11:35:15

Band38-15MHz-64QAM-38175-75RB#0-13.457

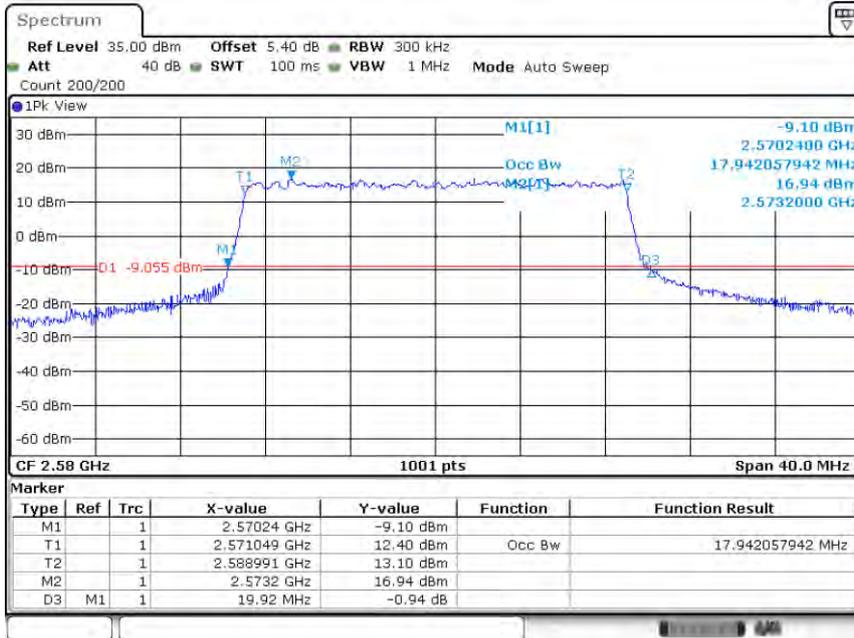


Date: 14.OCT.2020 11:36:11



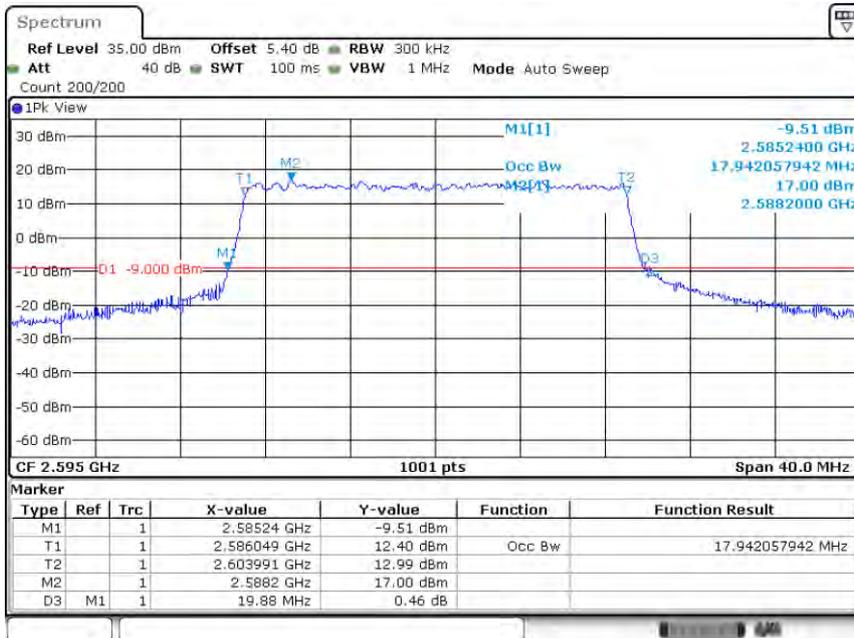
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-20MHz-QPSK-37850-100RB#0-17.942



Date: 14.OCT.2020 09:58:52

Band38-20MHz-QPSK-38000-100RB#0-17.942



Date: 14.OCT.2020 10:01:14

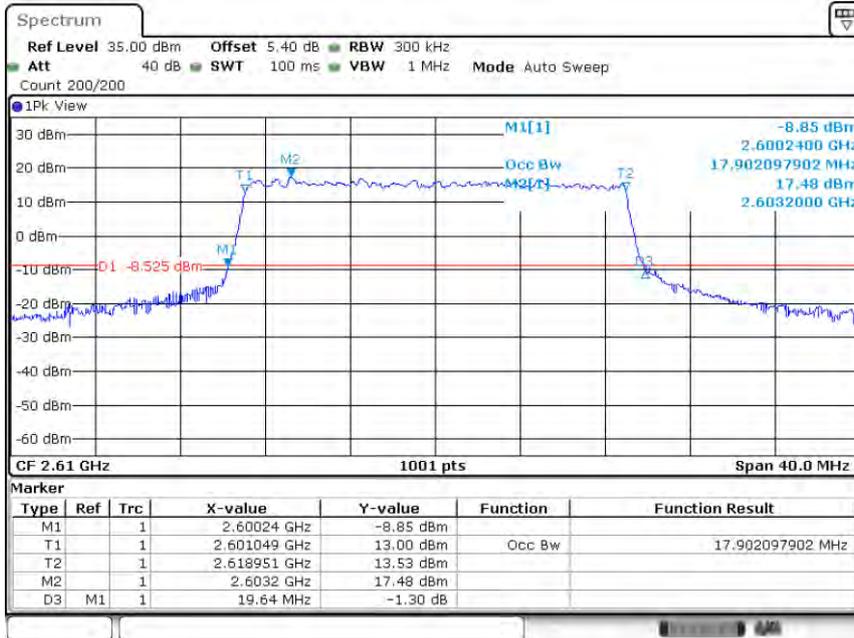


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

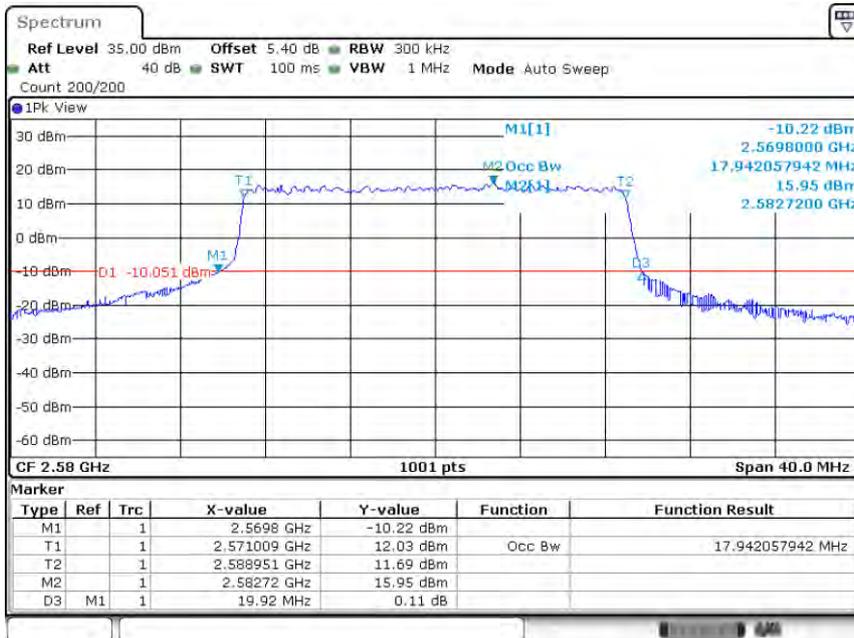
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.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

Band38-20MHz-QPSK-38150-100RB#0-17.902



Band38-20MHz-16QAM-37850-100RB#0-17.942

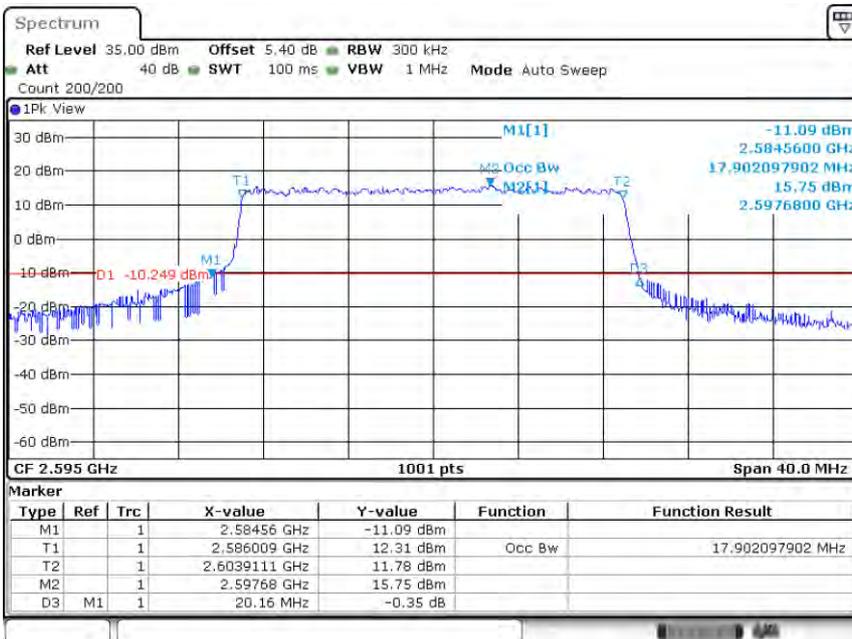


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

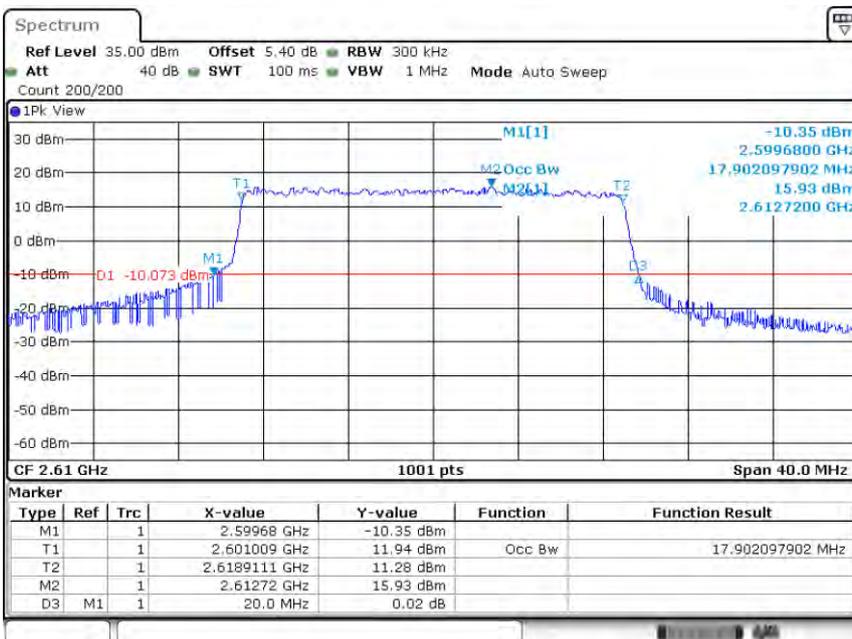
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band38-20MHz-16QAM-38000-100RB#0-17.902



Date: 14.OCT.2020 10:01:50

Band38-20MHz-16QAM-38150-100RB#0-17.902



Date: 14.OCT.2020 10:03:01

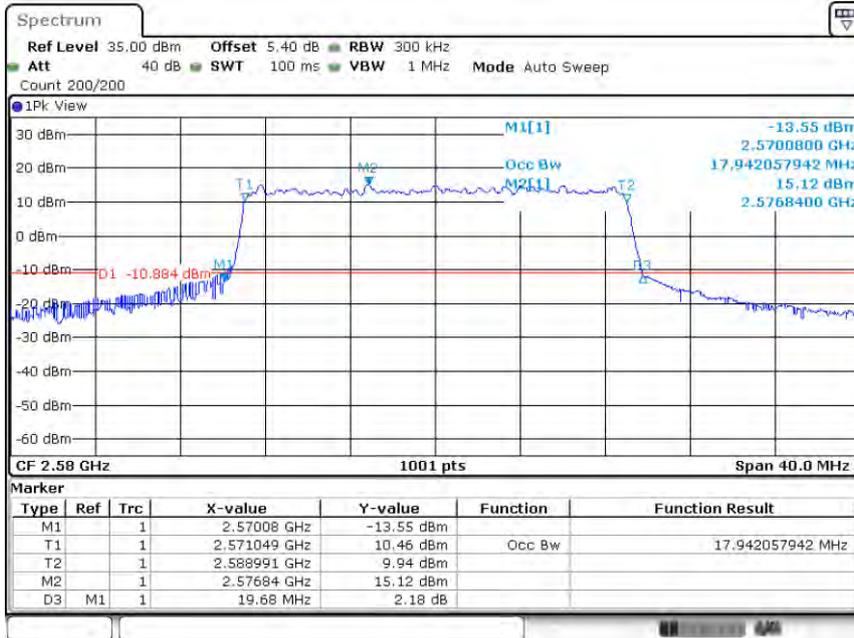


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

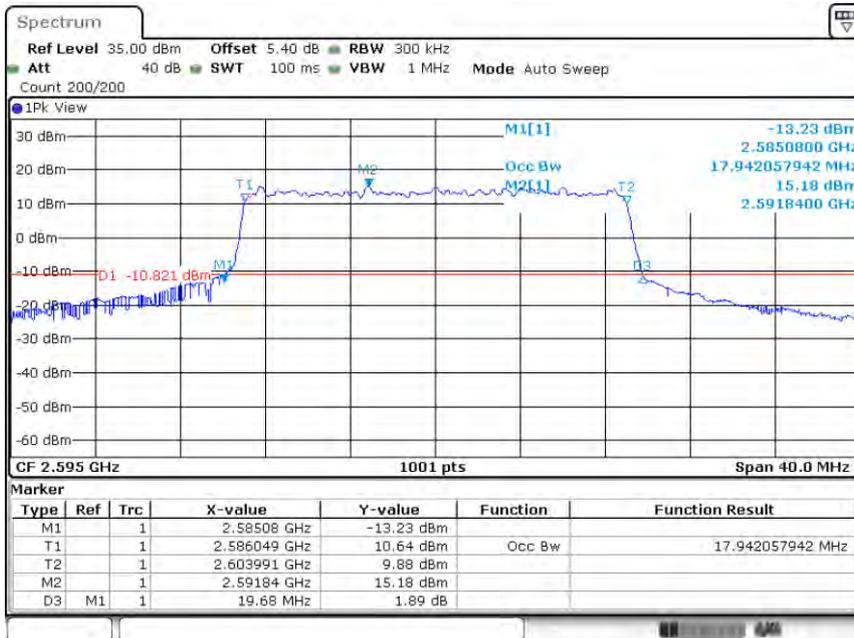
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band38-20MHz-64QAM-37850-100RB#0-17.942



Date: 14.OCT.2020 11:37:16

Band38-20MHz-64QAM-38000-100RB#0-17.942



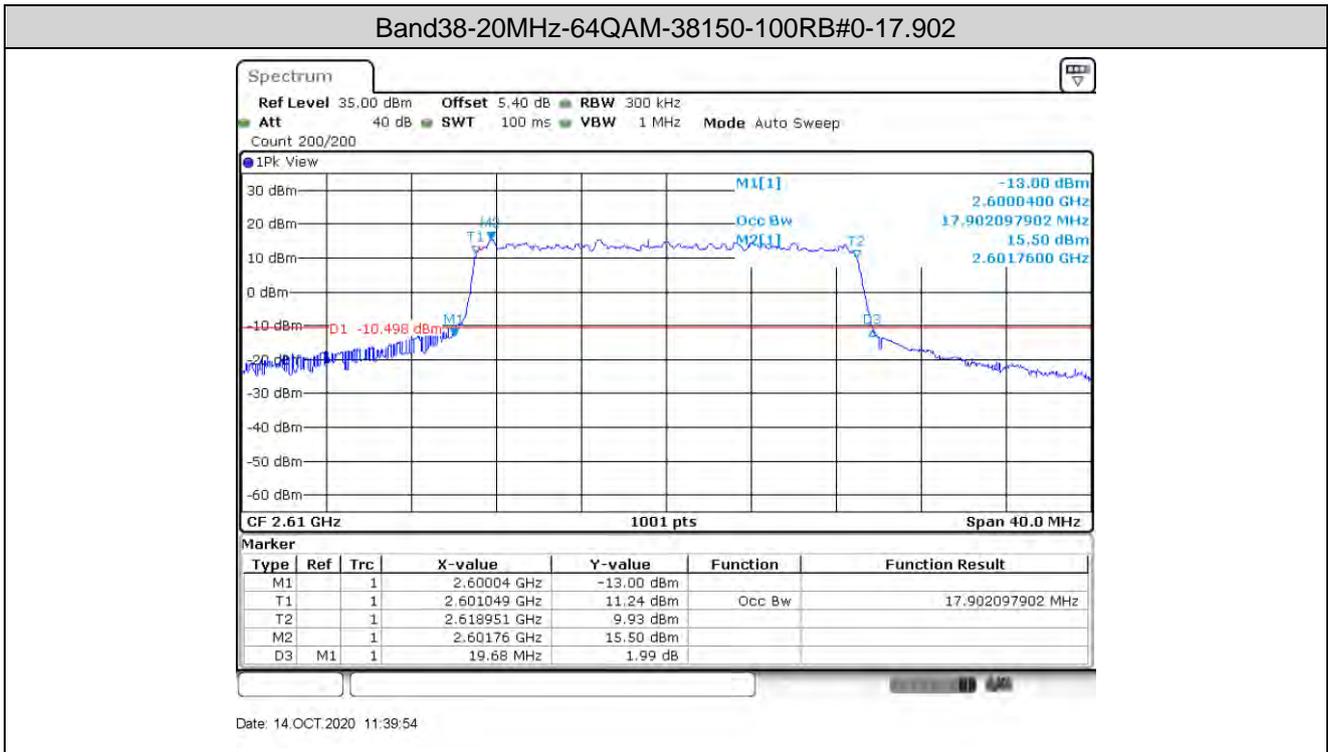
Date: 14.OCT.2020 11:38:40



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

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

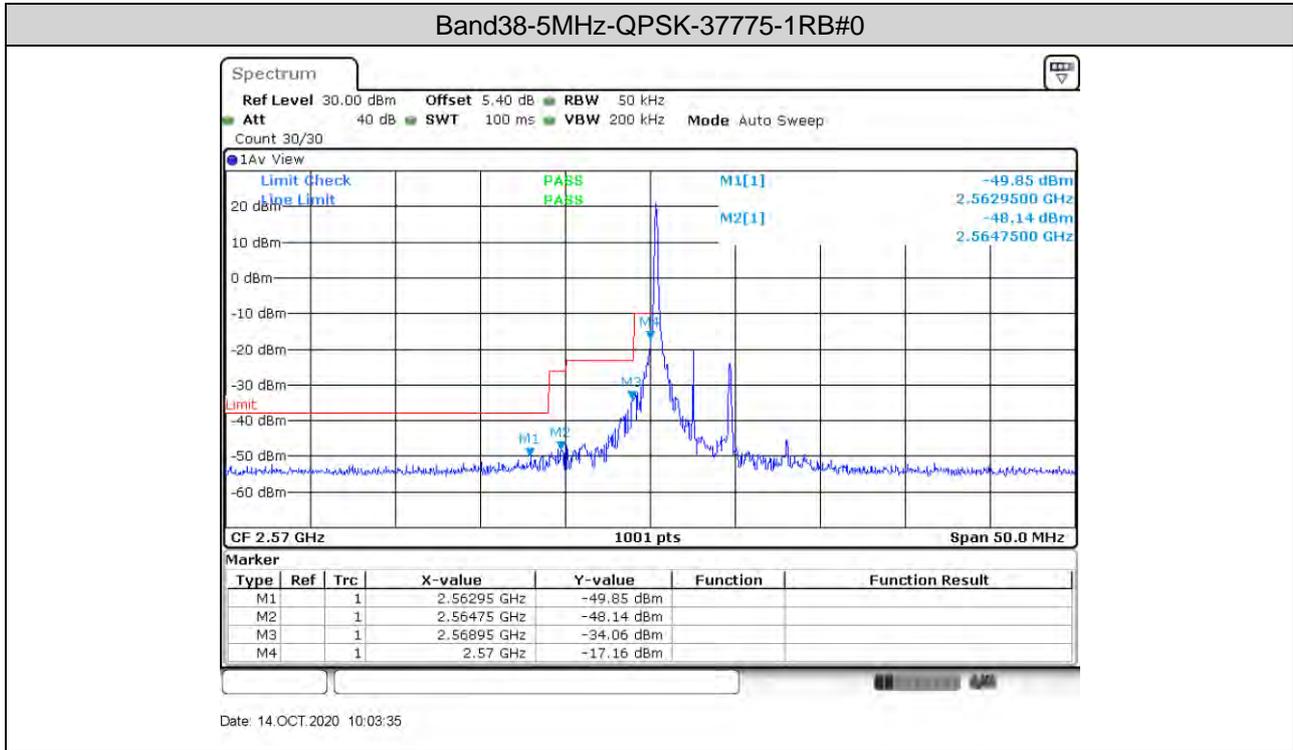
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch, Inspection & Testing Services Laboratory
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053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



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

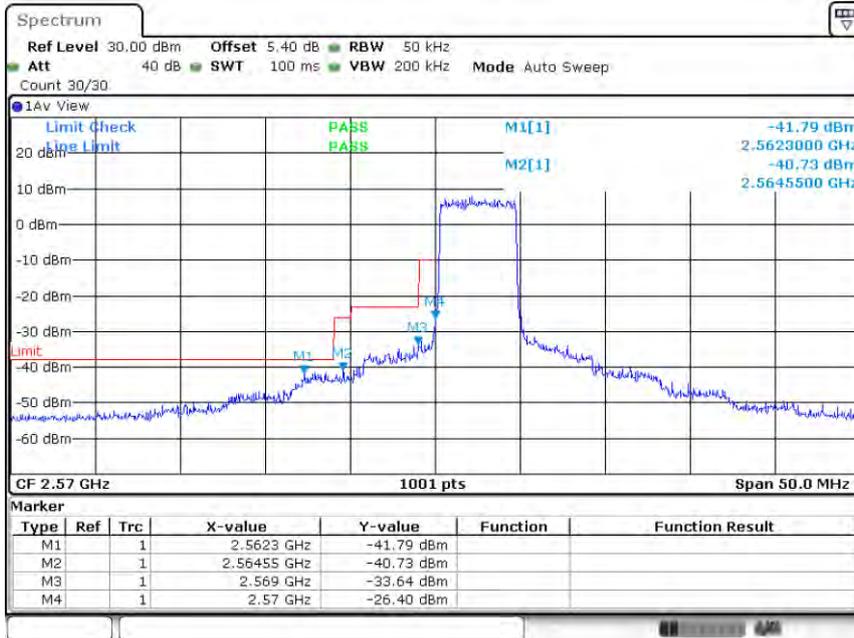
5 Band Edge Compliance

5.1 Test Plots



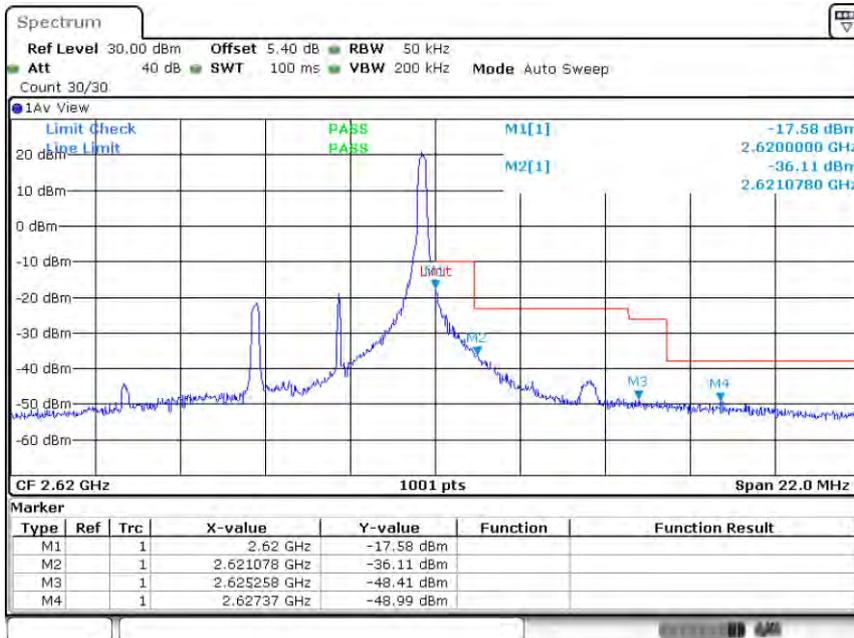
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-5MHz-QPSK-37775-25RB#0



Date: 14.OCT.2020 10:04:36

Band38-5MHz-QPSK-38225-1RB#24



Date: 14.OCT.2020 10:05:54



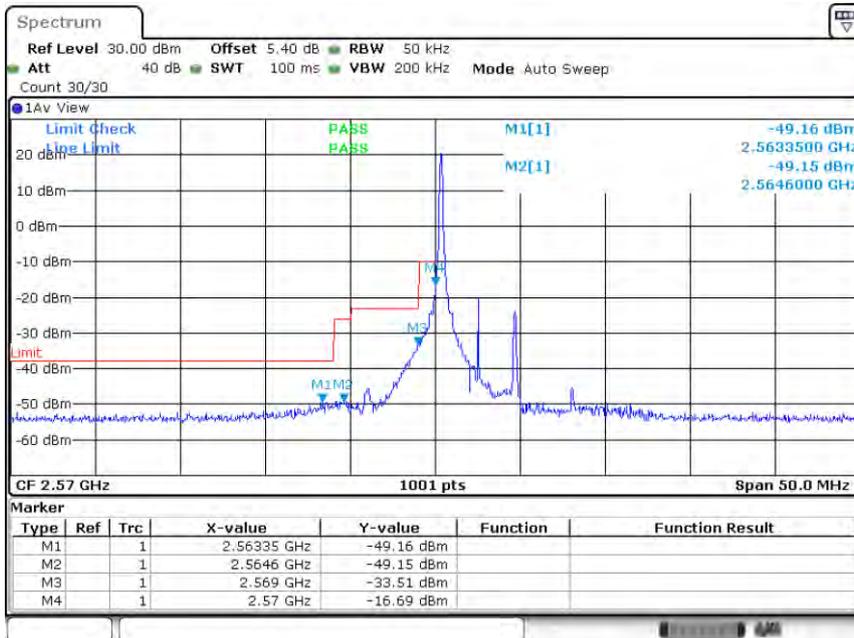
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-5MHz-QPSK-38225-25RB#0



Date: 14.OCT.2020 10:06:32

Band38-5MHz-16QAM-37775-1RB#0



Date: 14.OCT.2020 10:04:11

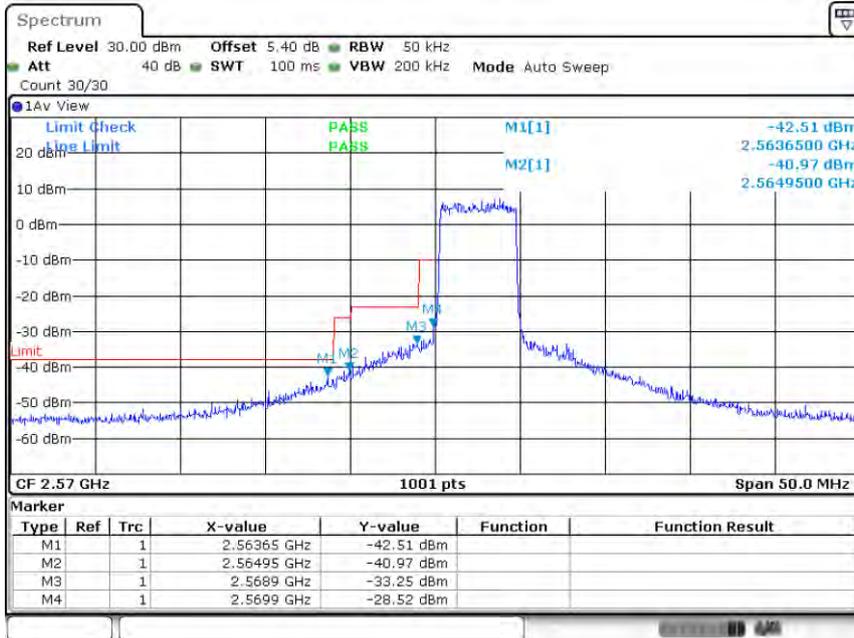


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

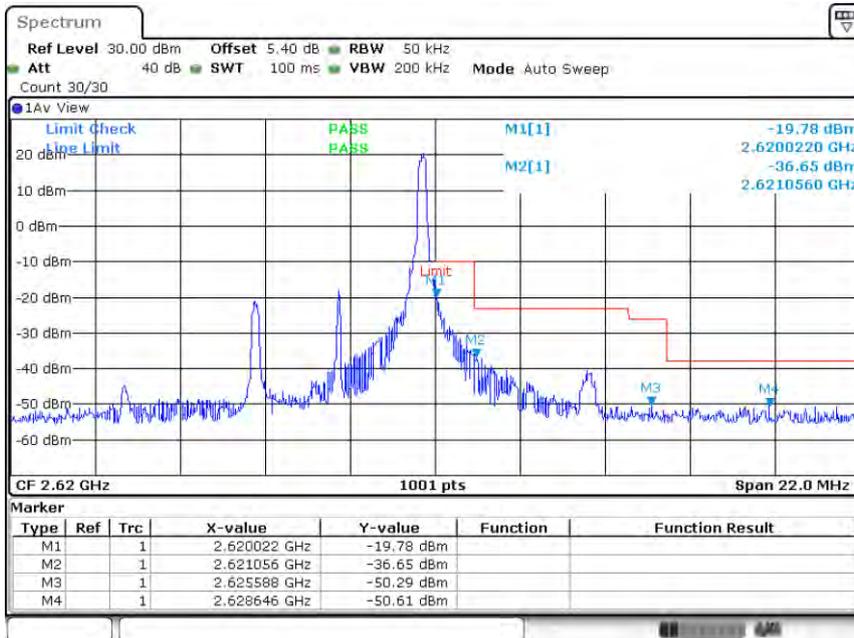
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band38-5MHz-16QAM-37775-25RB#0



Date: 14.OCT.2020 10:04:54

Band38-5MHz-16QAM-38225-1RB#24

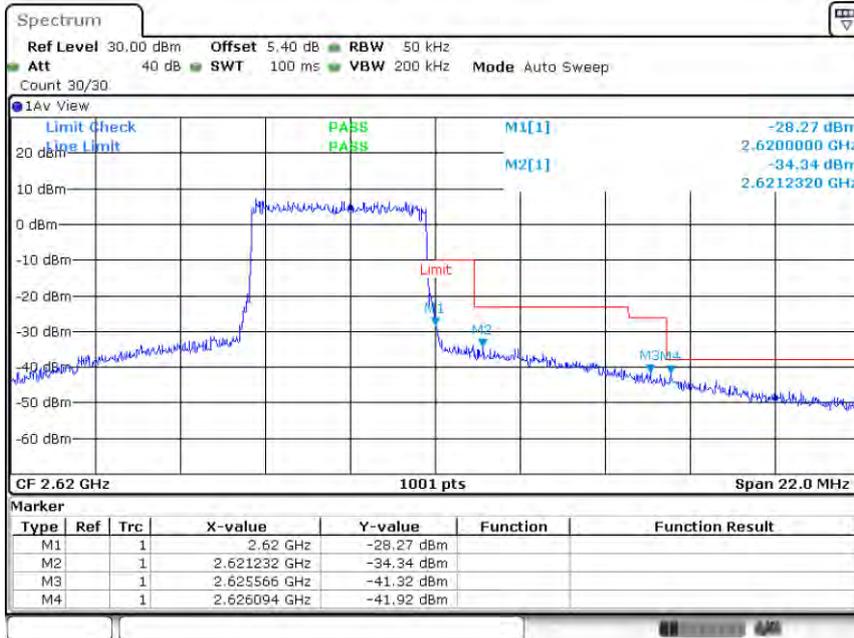


Date: 14.OCT.2020 10:06:13



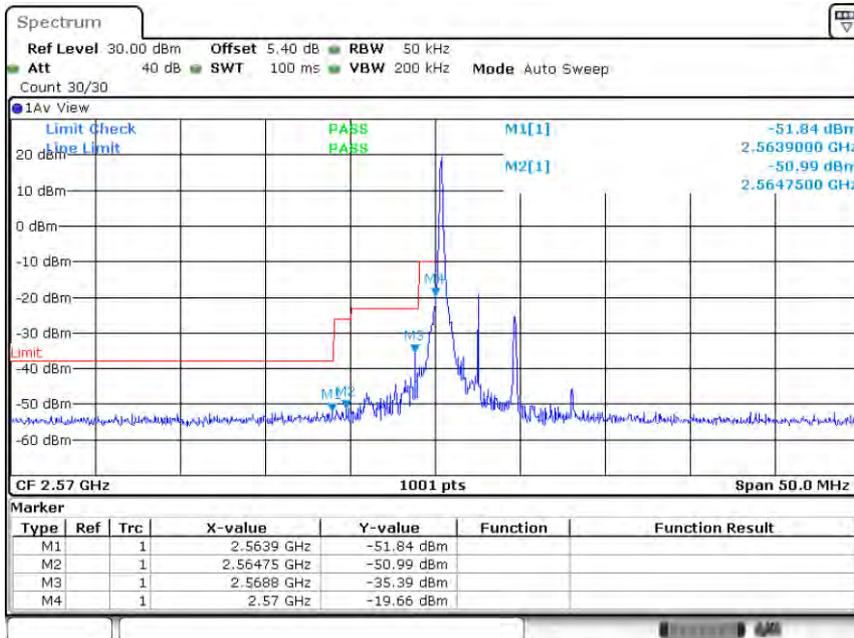
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-5MHz-16QAM-38225-25RB#0



Date: 14.OCT.2020 10:06:50

Band38-5MHz-64QAM-37775-1RB#0

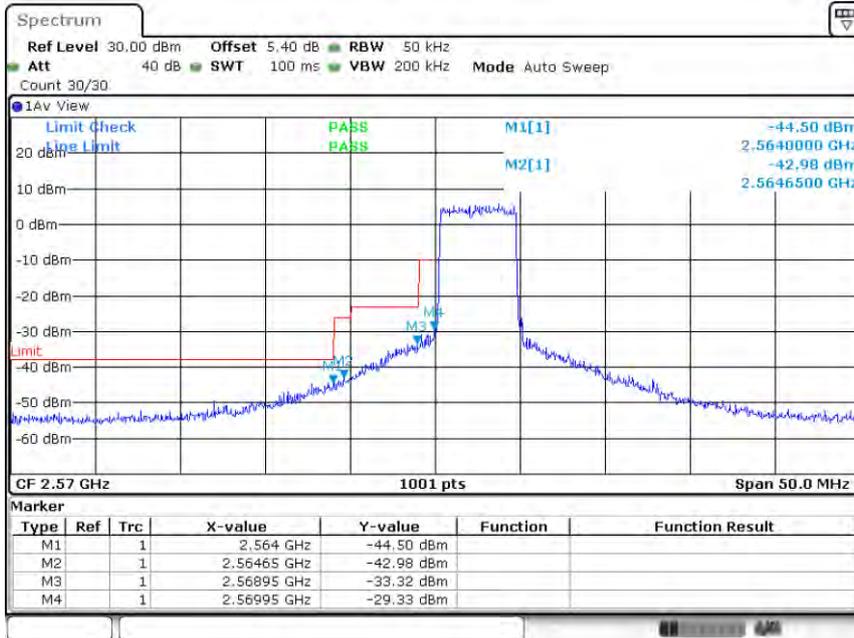


Date: 14.OCT.2020 11:40:23



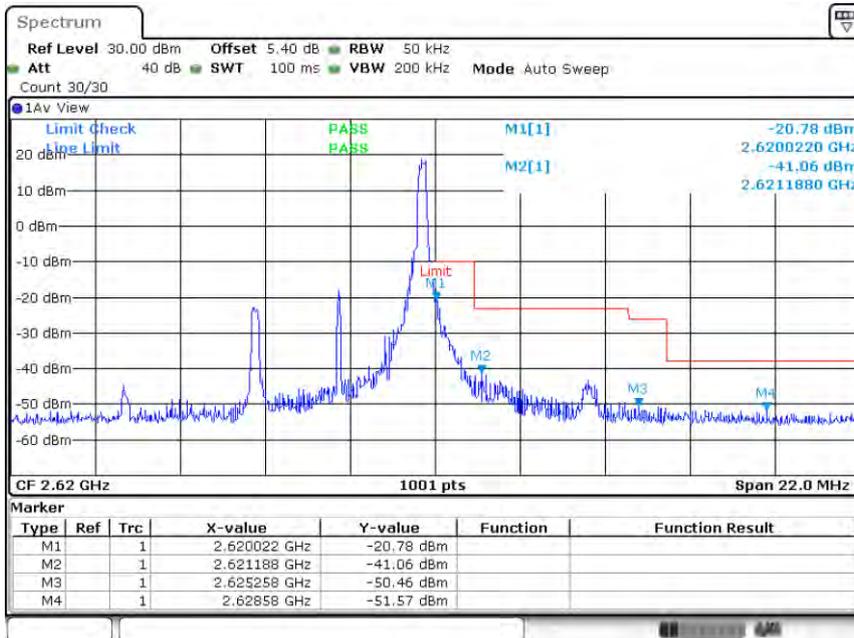
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-5MHz-64QAM-37775-25RB#0



Date: 14.OCT.2020 11:40:42

Band38-5MHz-64QAM-38225-1RB#24



Date: 14.OCT.2020 11:41:09

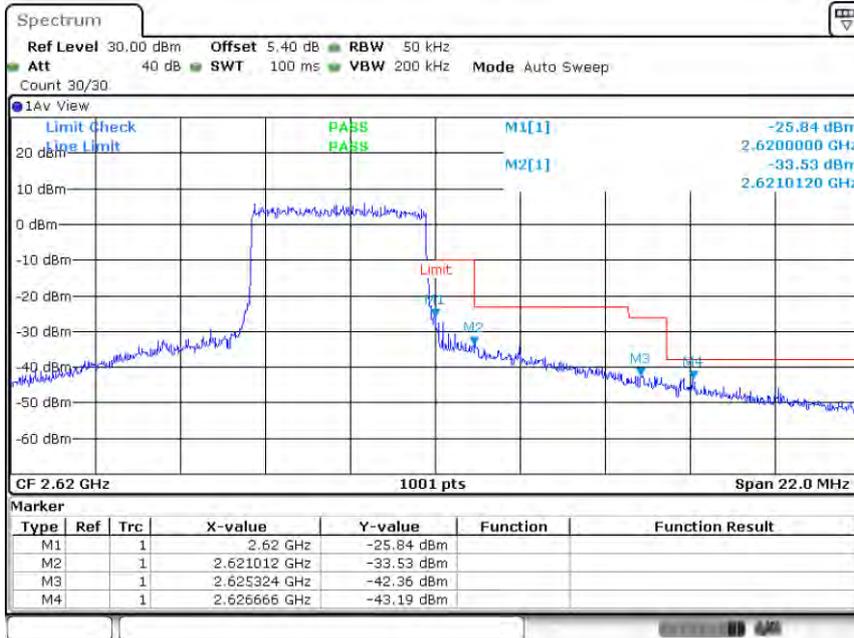


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

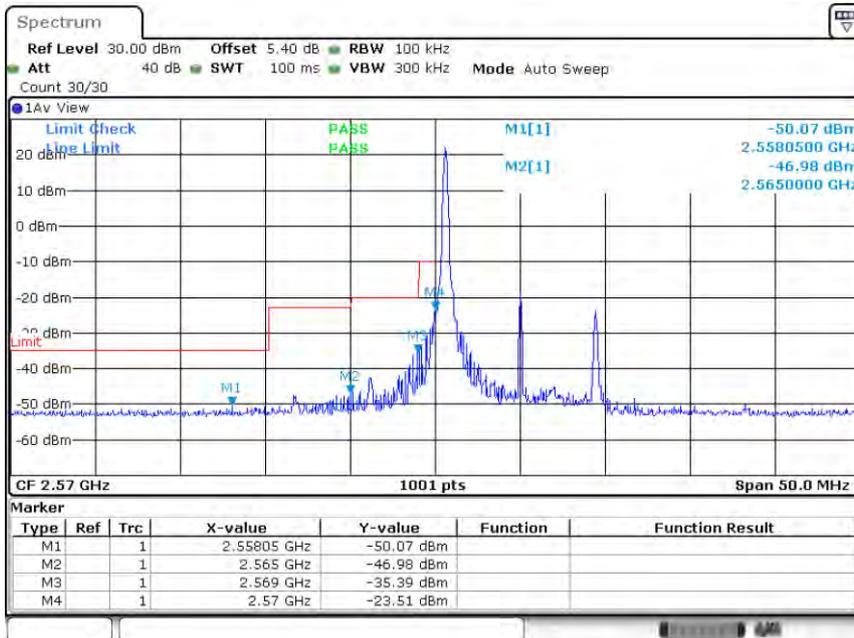
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band38-5MHz-64QAM-38225-25RB#0



Date: 14.OCT.2020 11:41:28

Band38-10MHz-QPSK-37800-1RB#0



Date: 14.OCT.2020 10:07:18



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

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

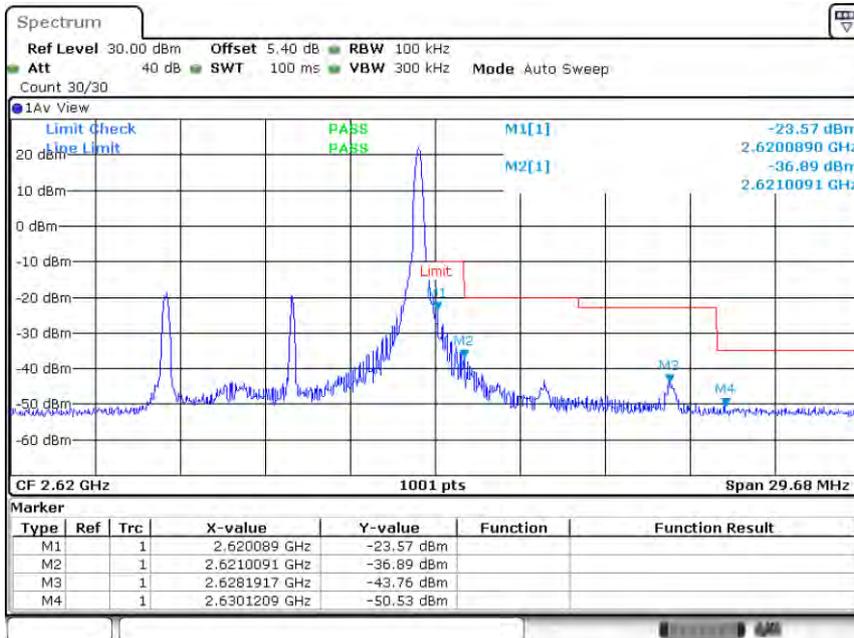
SGS-CSTC Standards Technical Services Co., Ltd. No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
Shenzhen Branch, Inspection & Testing Services Laboratory 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053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

Band38-10MHz-QPSK-37800-50RB#0



Date: 14.OCT.2020 10:07:56

Band38-10MHz-QPSK-38200-1RB#49



Date: 14.OCT.2020 10:08:41

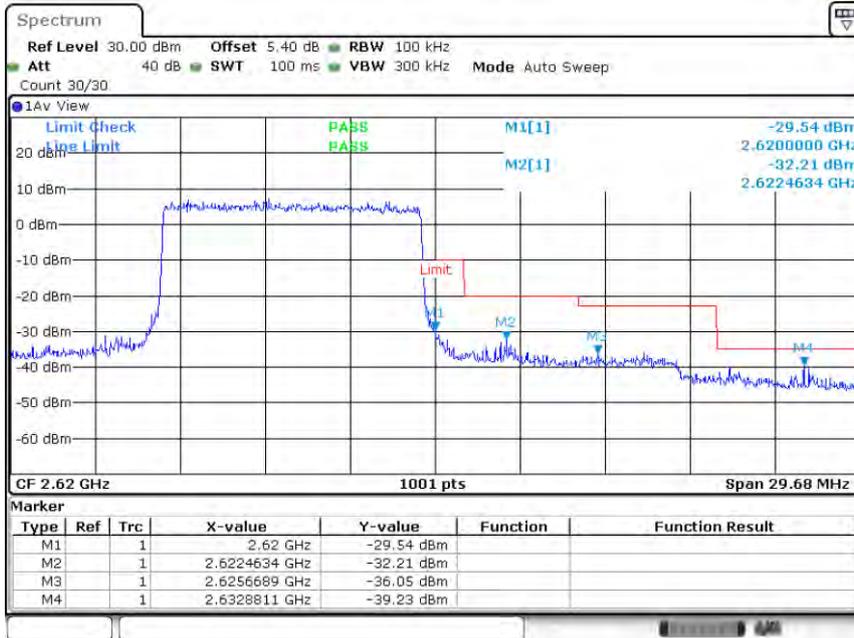


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

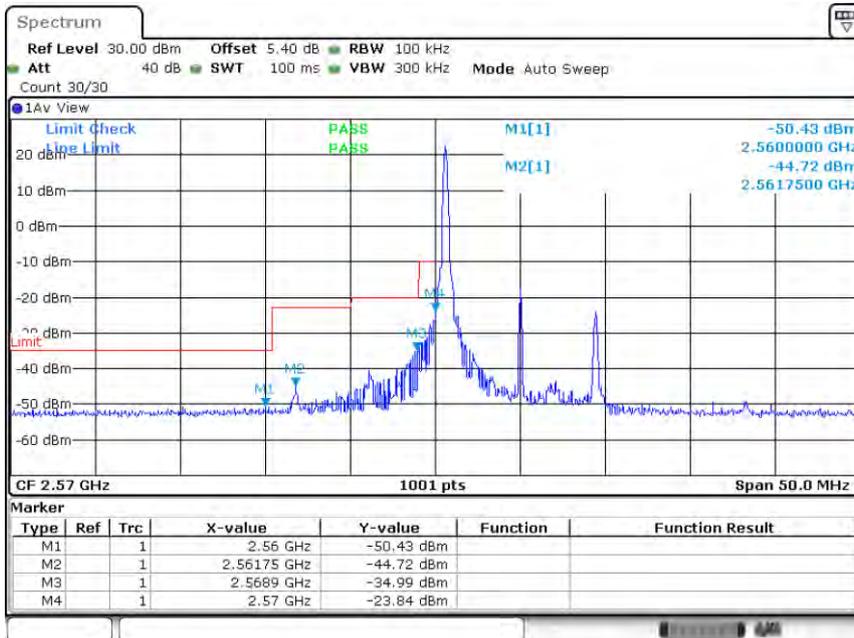
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch Inspection & Testing Services Laboratory
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053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

Band38-10MHz-QPSK-38200-50RB#0



Date: 14.OCT.2020 10:09:18

Band38-10MHz-16QAM-37800-1RB#0



Date: 14.OCT.2020 10:07:37

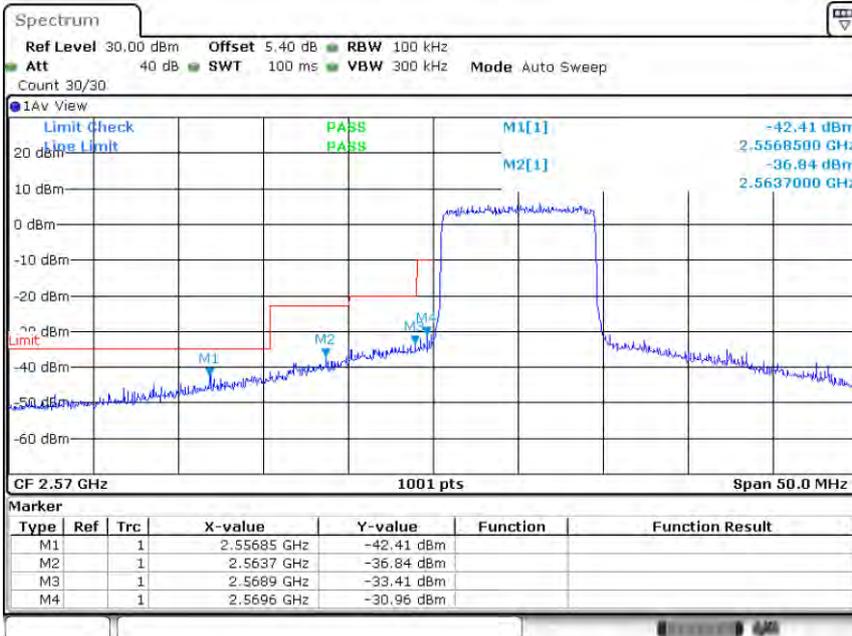


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

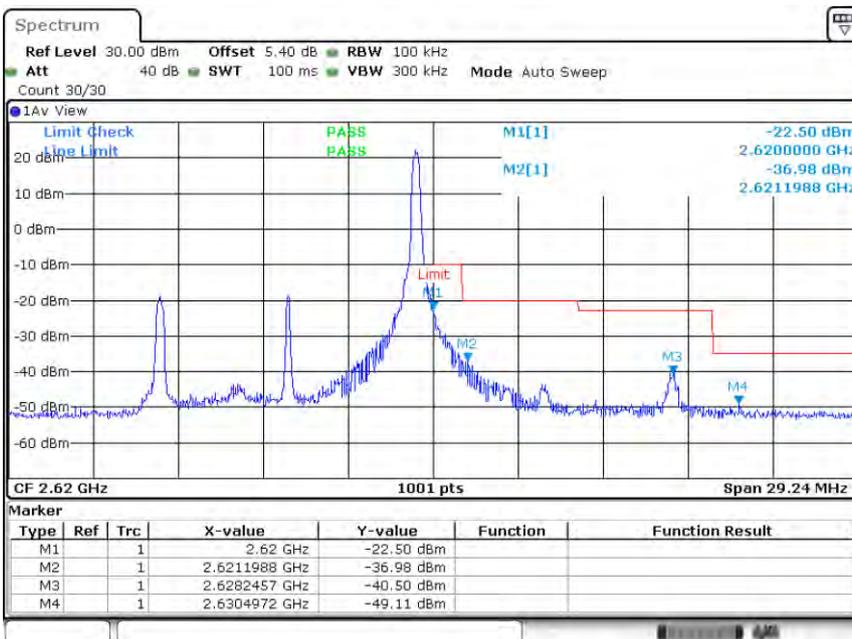
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band38-10MHz-16QAM-37800-50RB#0



Date: 14.OCT.2020 10:08:15

Band38-10MHz-16QAM-38200-1RB#49

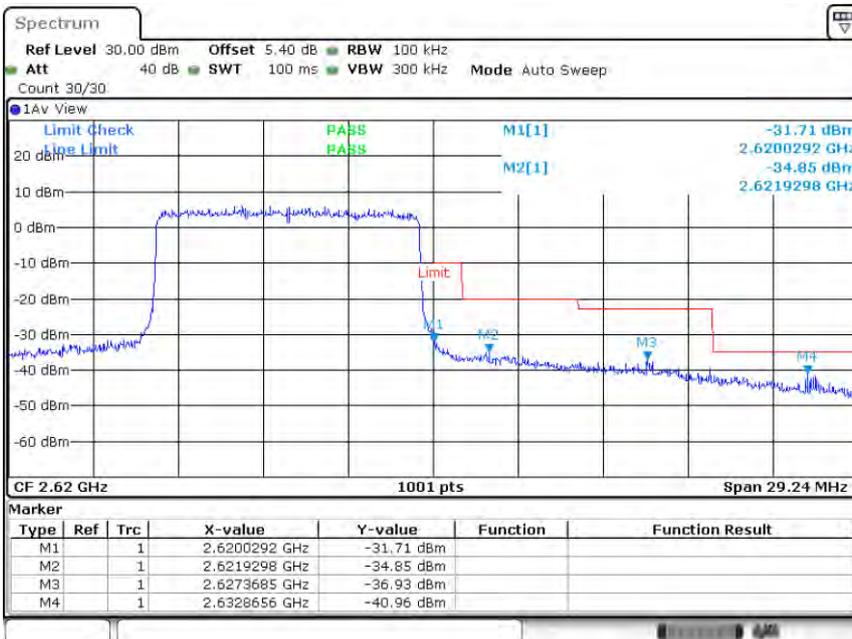


Date: 14.OCT.2020 10:09:00



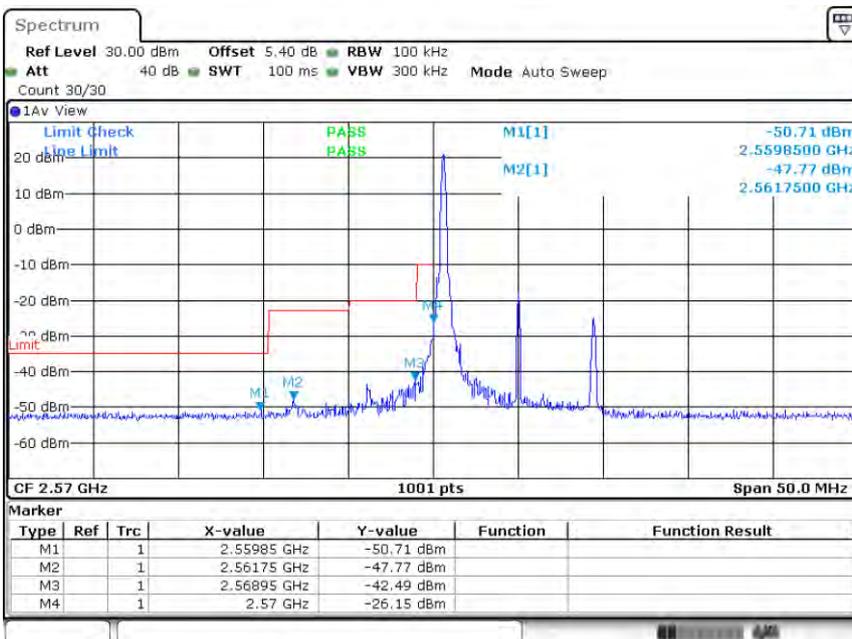
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-10MHz-16QAM-38200-50RB#0



Date: 14.OCT.2020 10:09:37

Band38-10MHz-64QAM-37800-1RB#0



Date: 14.OCT.2020 11:41:57

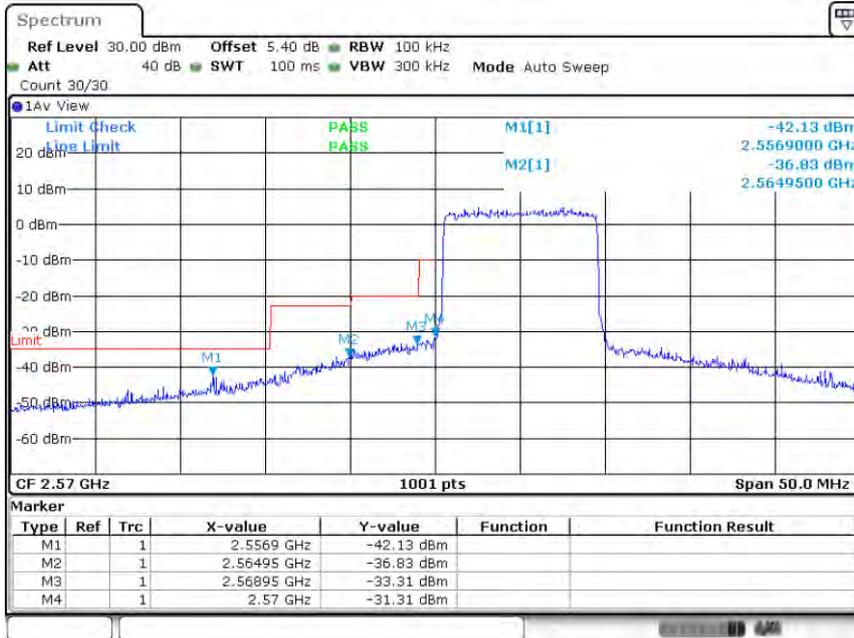


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

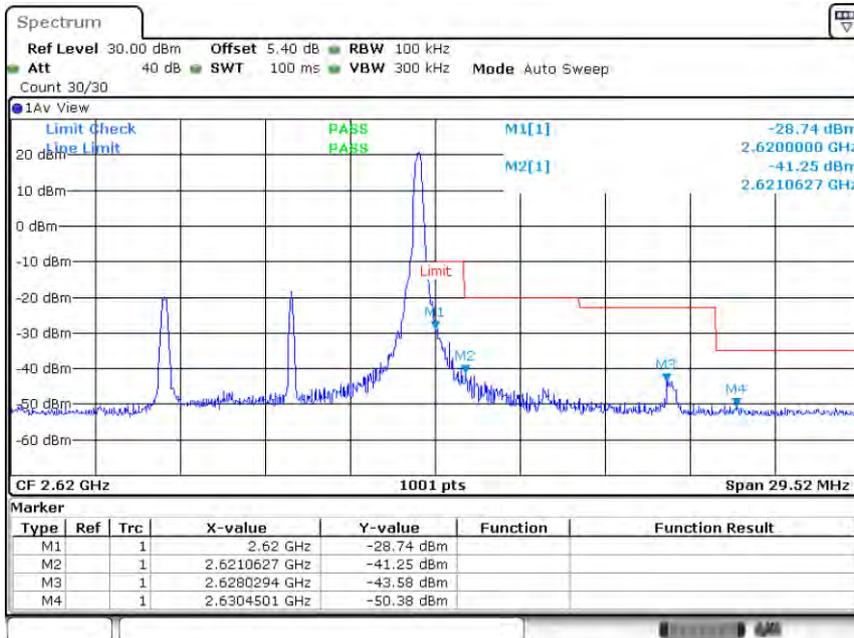
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band38-10MHz-64QAM-37800-50RB#0



Date: 14.OCT.2020 11:42:15

Band38-10MHz-64QAM-38200-1RB#49



Date: 14.OCT.2020 11:42:43

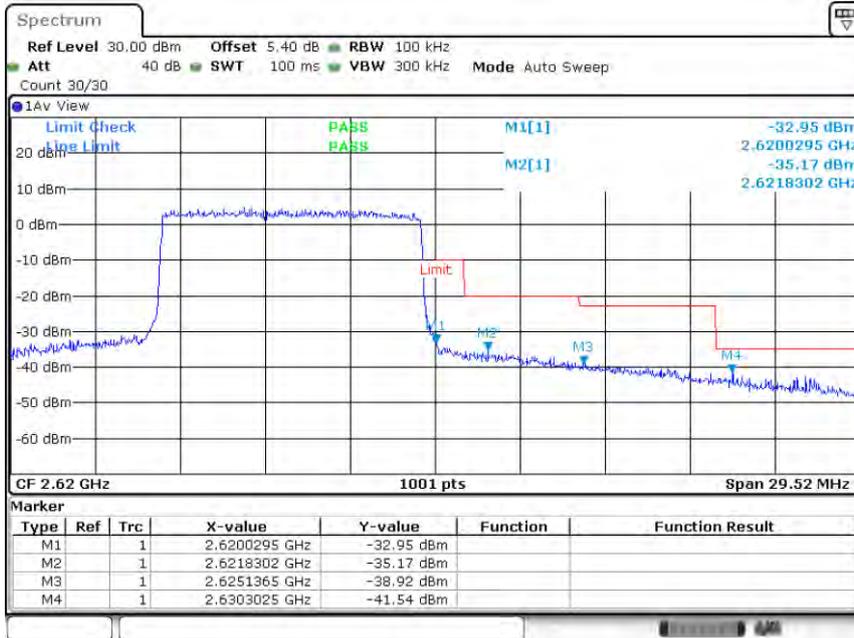


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

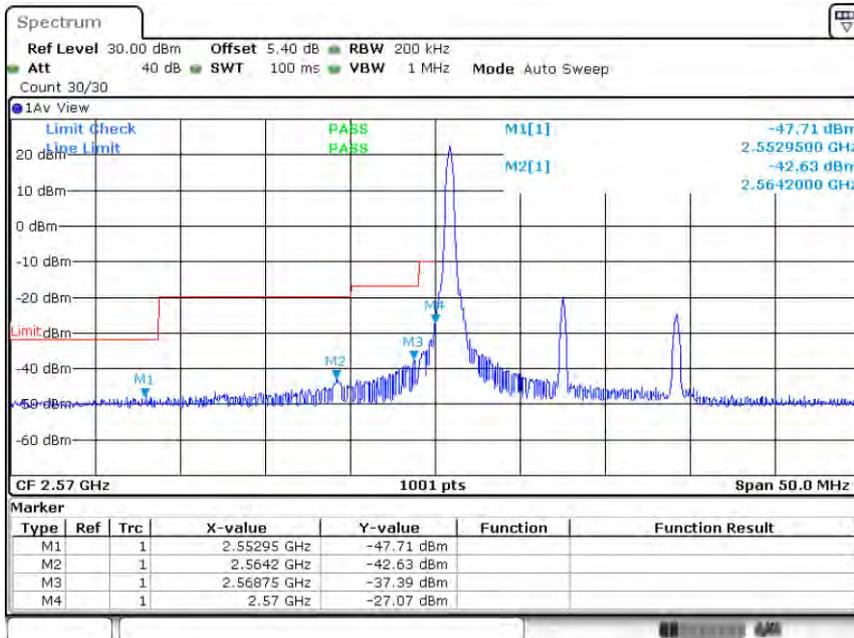
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band38-10MHz-64QAM-38200-50RB#0



Date: 14.OCT.2020 11:43:02

Band38-15MHz-QPSK-37825-1RB#0



Date: 14.OCT.2020 10:10:05

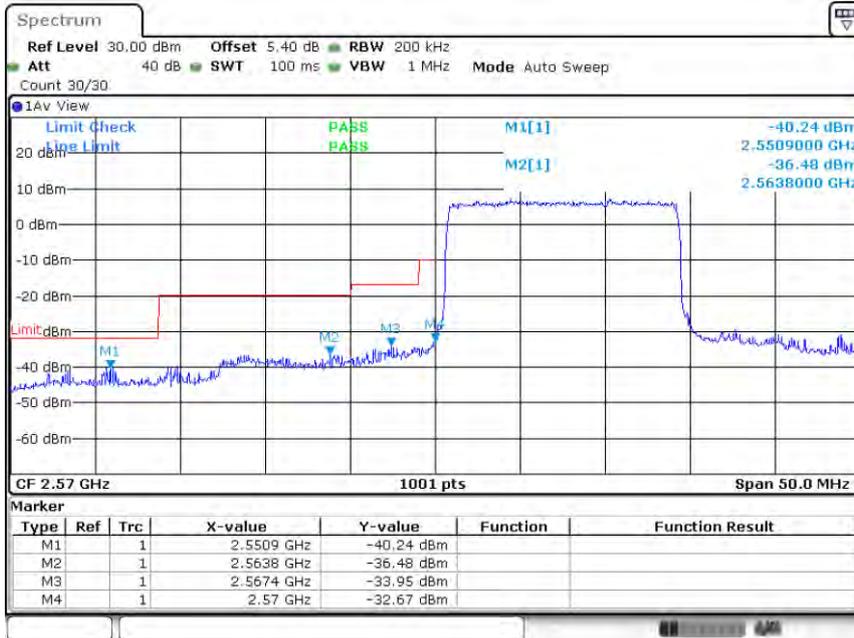


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

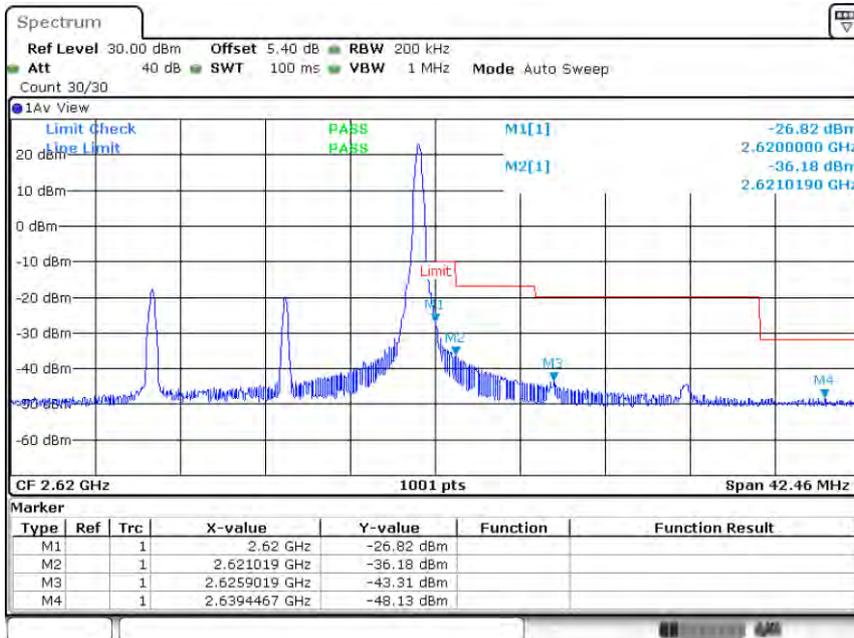
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band38-15MHz-QPSK-37825-75RB#0



Date: 14.OCT.2020 10:10:43

Band38-15MHz-QPSK-38175-1RB#74



Date: 14.OCT.2020 10:11:28

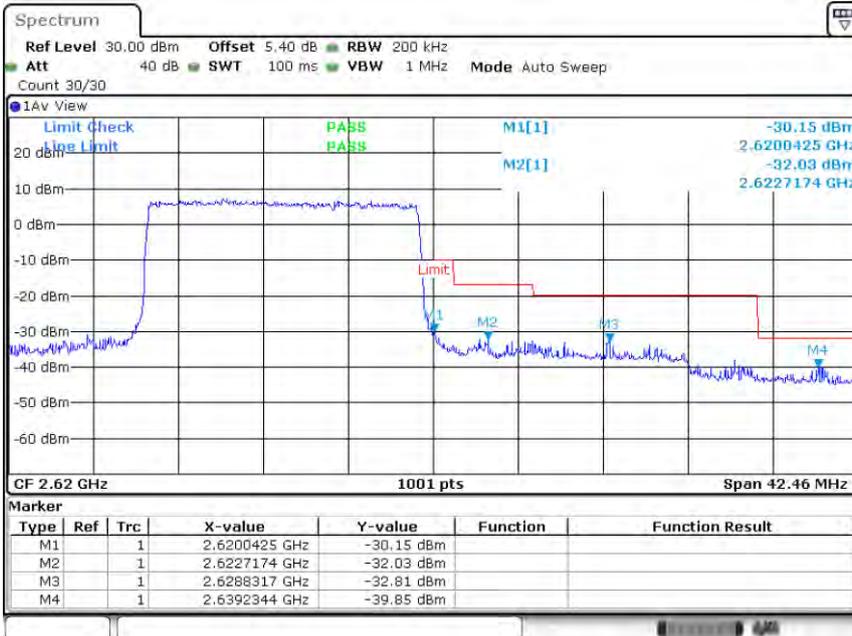


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

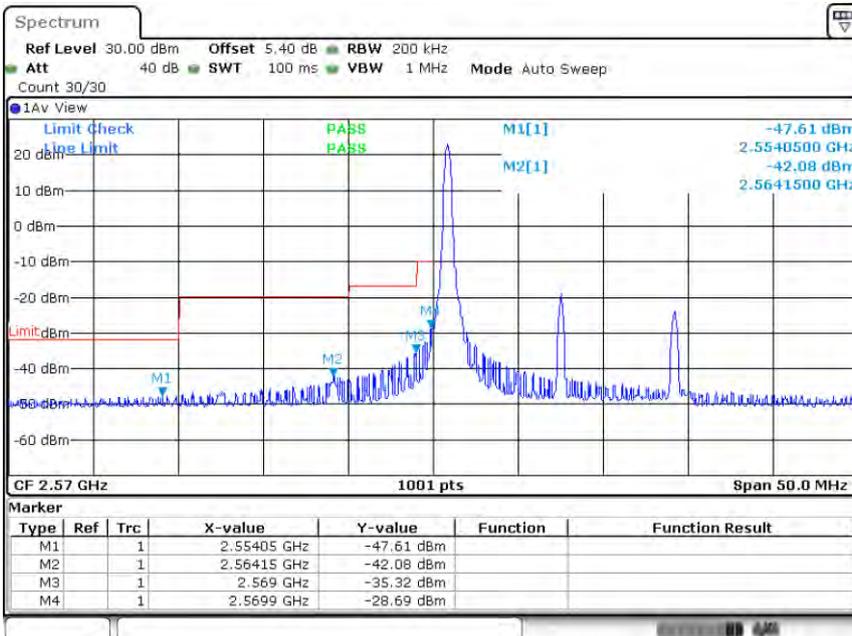
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch, Inspection & Testing Services Laboratory
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053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

Band38-15MHz-QPSK-38175-75RB#0



Date: 14.OCT.2020 10:12:05

Band38-15MHz-16QAM-37825-1RB#0



Date: 14.OCT.2020 10:10:24

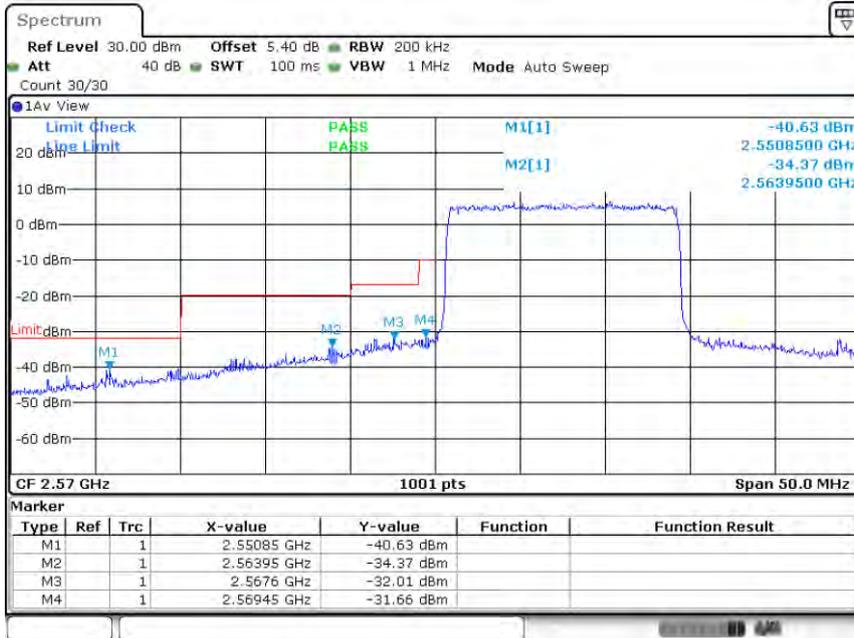


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

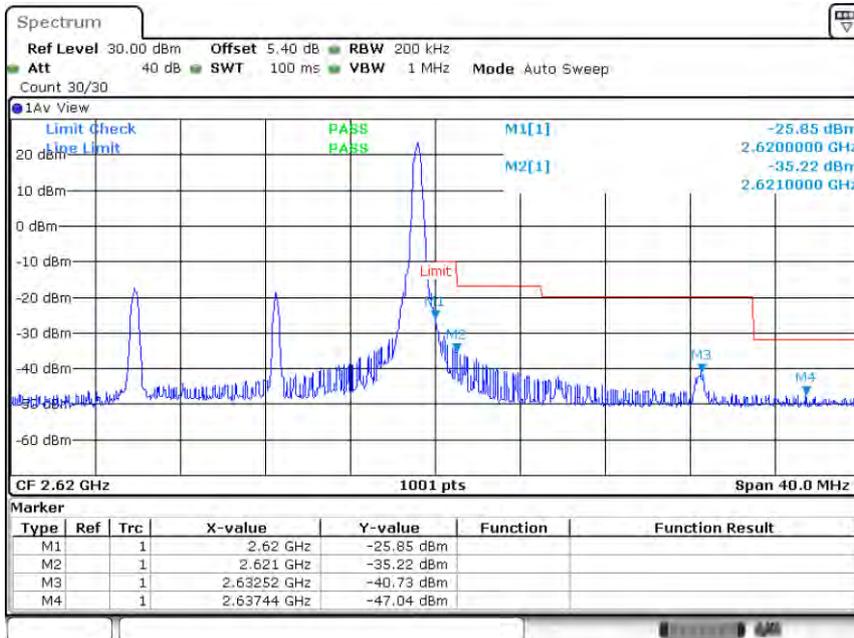
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch, Inspection & Testing Services Laboratory
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053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

Band38-15MHz-16QAM-37825-75RB#0



Date: 14.OCT.2020 10:11:01

Band38-15MHz-16QAM-38175-1RB#74



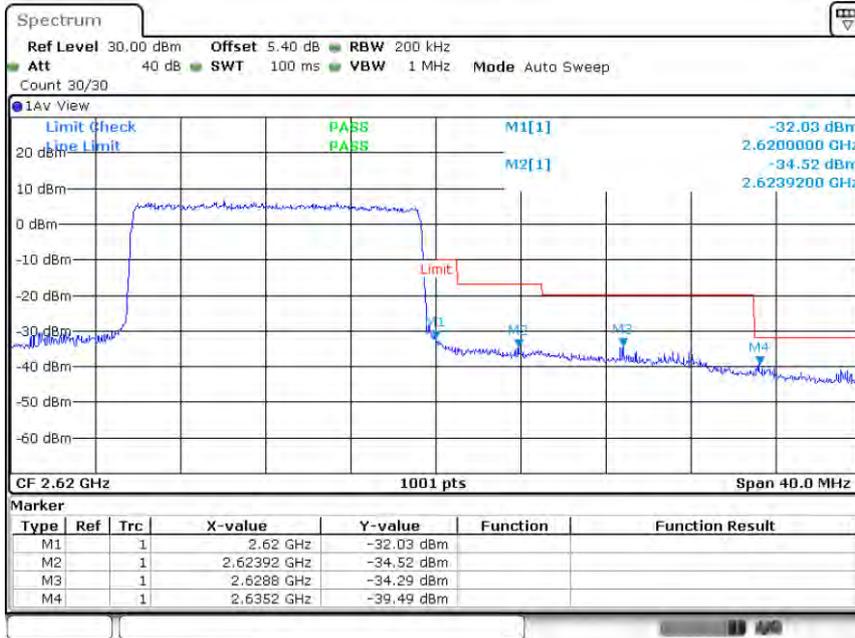
Date: 14.OCT.2020 10:11:47



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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

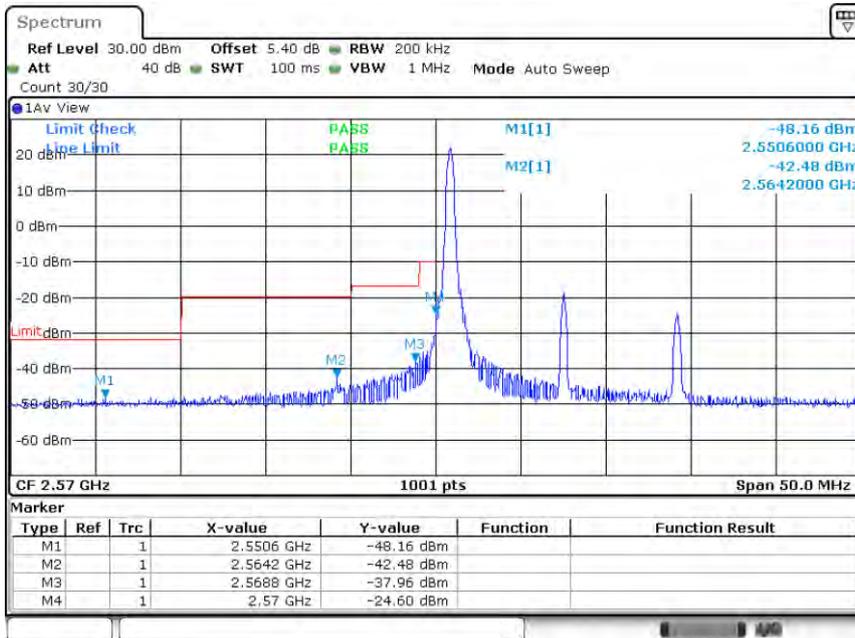
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band38-15MHz-16QAM-38175-75RB#0



Date: 14.OCT.2020 10:12:24

Band38-15MHz-64QAM-37825-1RB#0

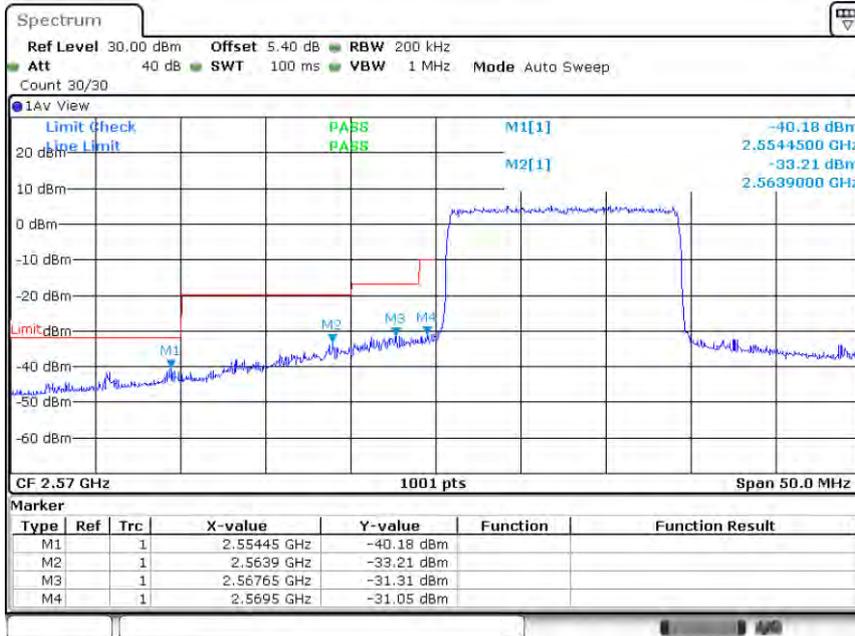


Date: 14.OCT.2020 11:43:31



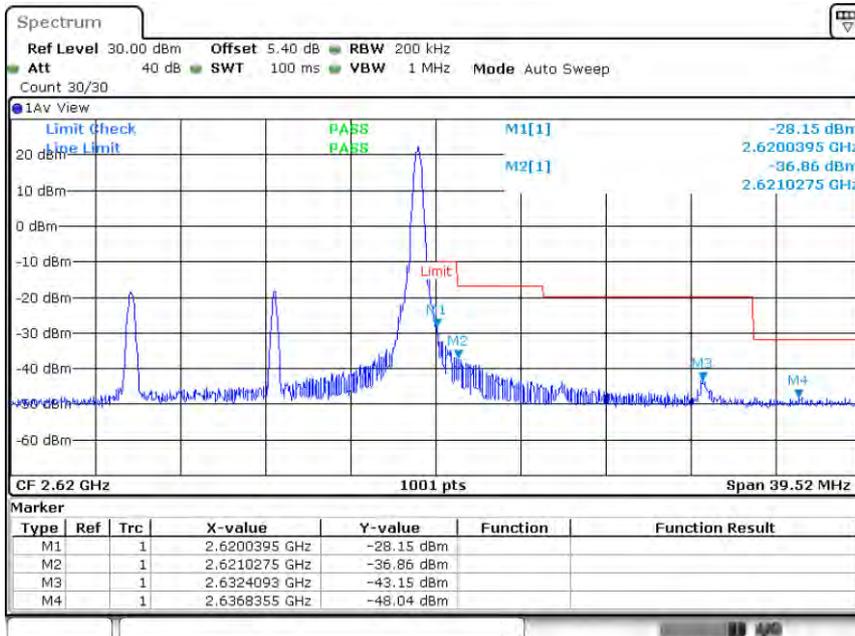
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-15MHz-64QAM-37825-75RB#0



Date: 14.OCT.2020 11:43:49

Band38-15MHz-64QAM-38175-1RB#74

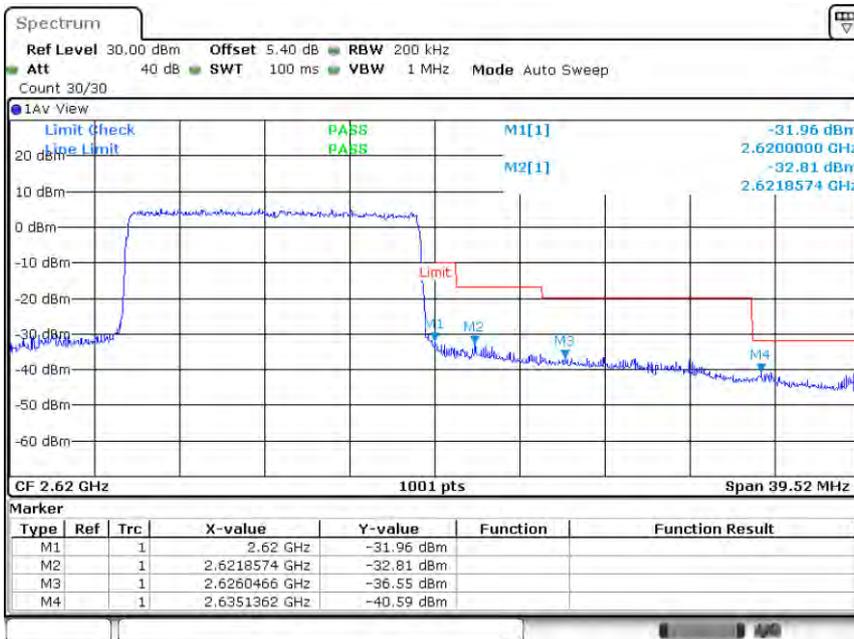


Date: 14.OCT.2020 11:44:17



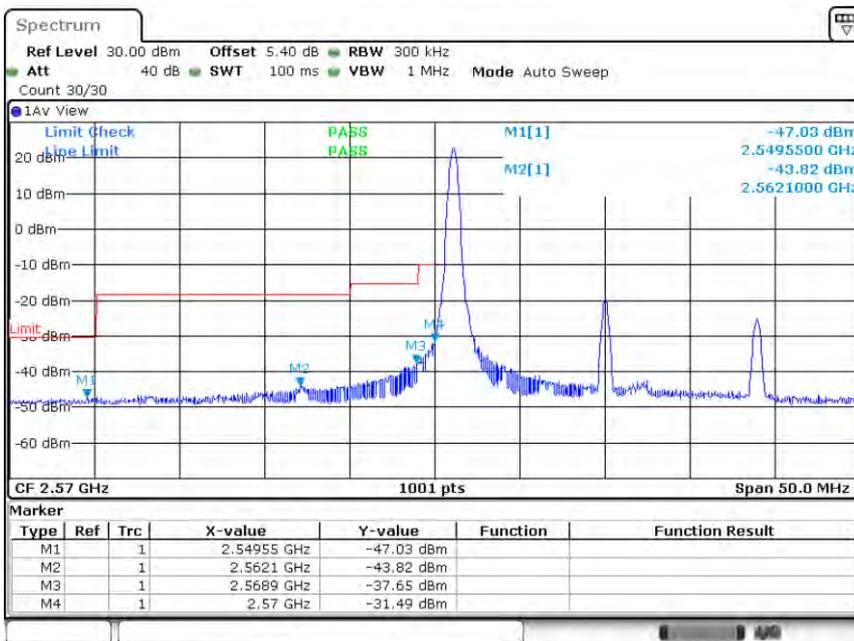
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-15MHz-64QAM-38175-75RB#0



Date: 14.OCT.2020 11:44:36

Band38-20MHz-QPSK-37850-1RB#0

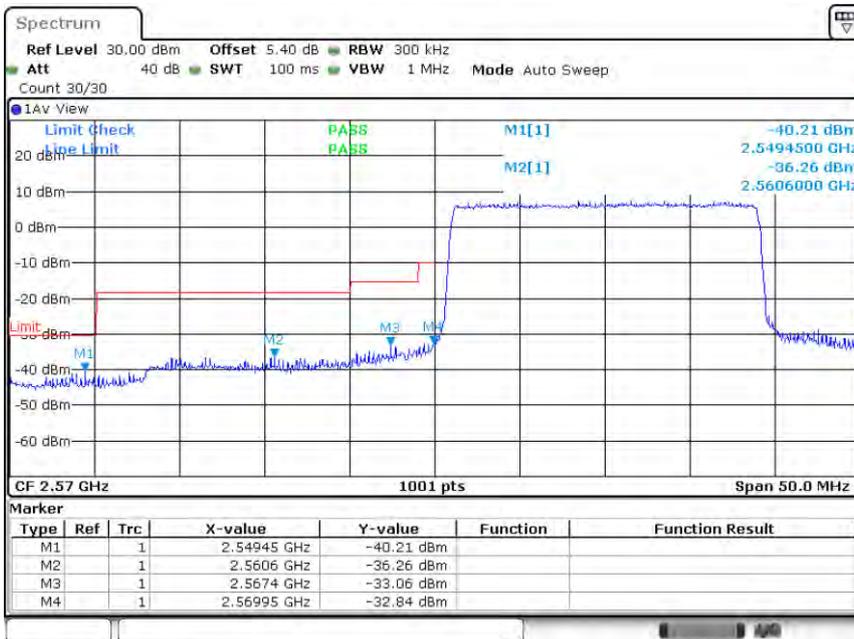


Date: 14.OCT.2020 10:12:52



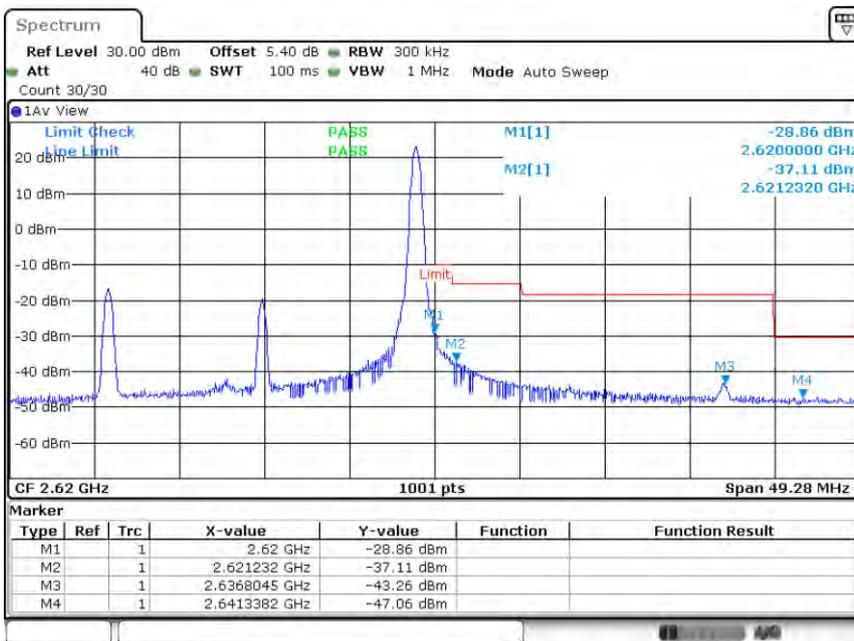
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-20MHz-QPSK-37850-100RB#0



Date: 14.OCT.2020 10:13:29

Band38-20MHz-QPSK-38150-1RB#99



Date: 14.OCT.2020 10:14:15

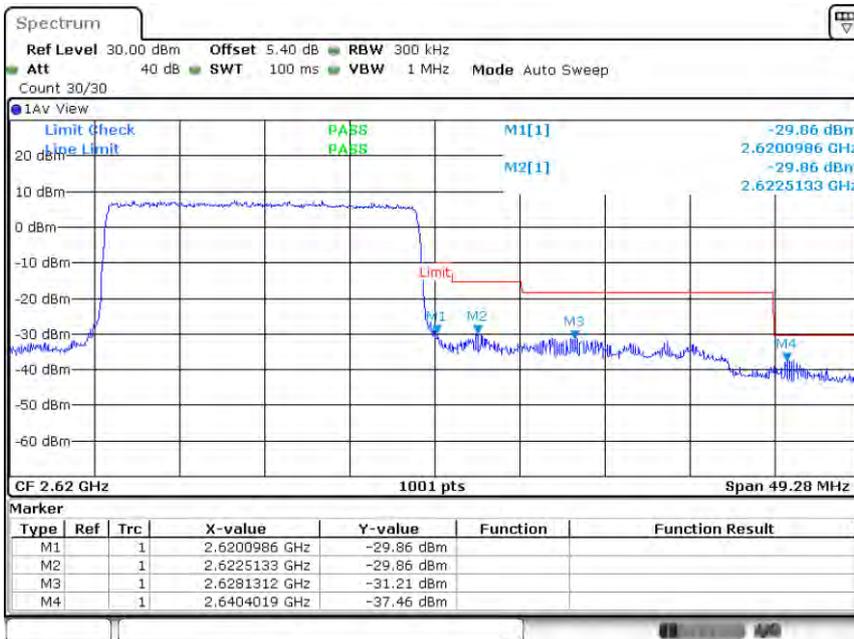


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

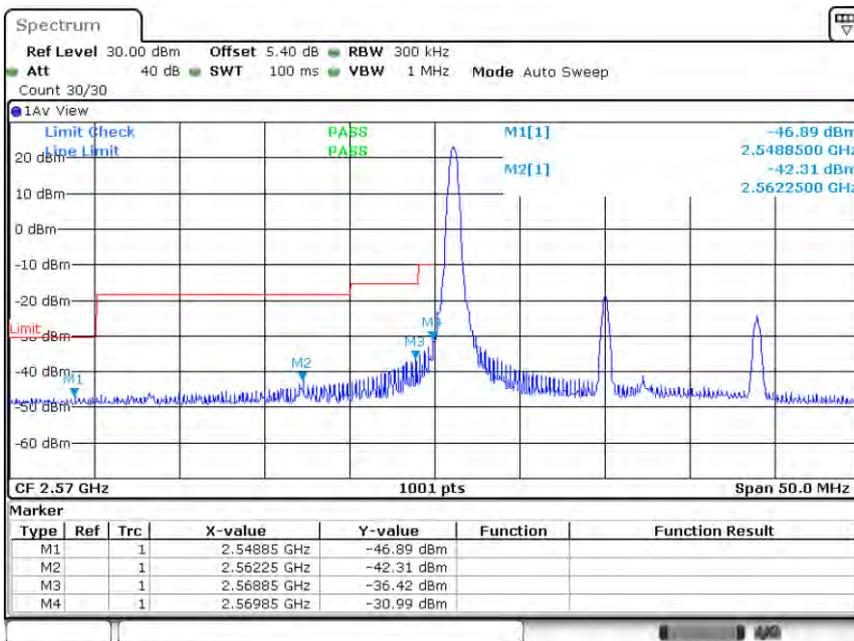
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band38-20MHz-QPSK-38150-100RB#0



Date: 14.OCT.2020 10:14:52

Band38-20MHz-16QAM-37850-1RB#0

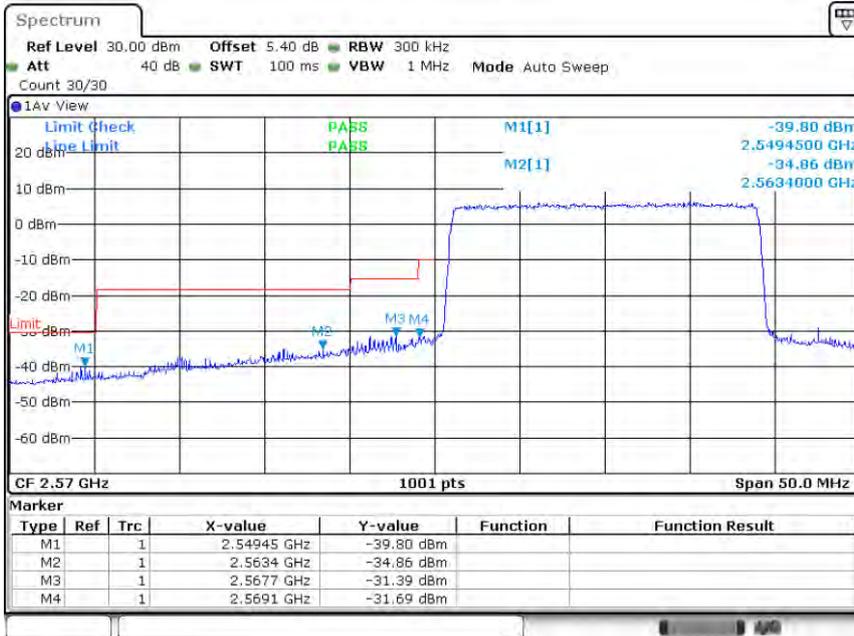


Date: 14.OCT.2020 10:13:11



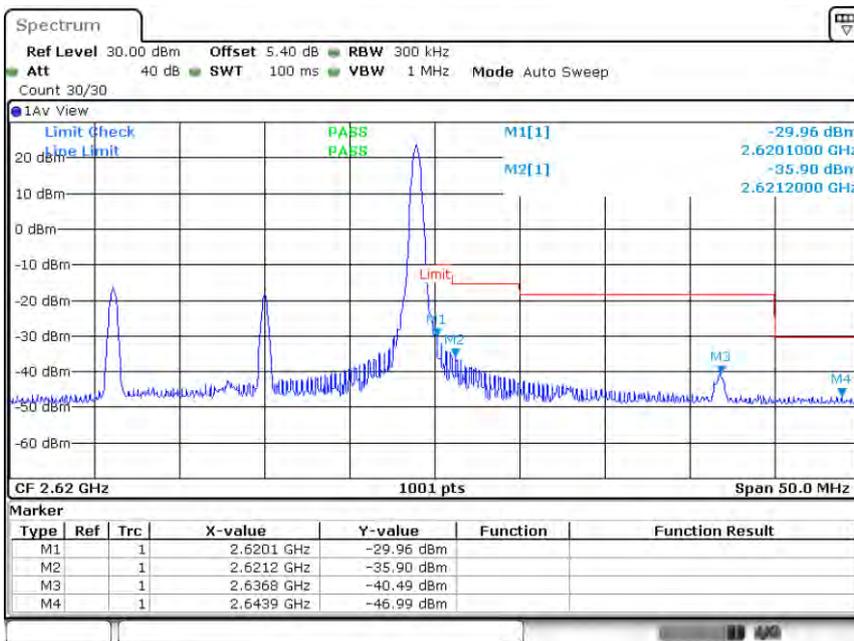
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-20MHz-16QAM-37850-100RB#0



Date: 14.OCT.2020 10:13:48

Band38-20MHz-16QAM-38150-1RB#99



Date: 14.OCT.2020 10:14:33



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

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

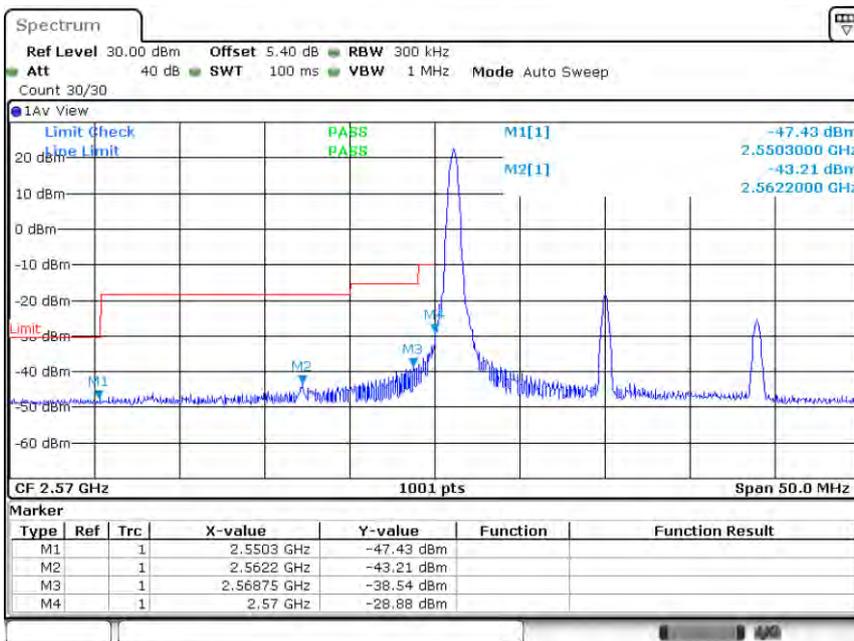
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band38-20MHz-16QAM-38150-100RB#0



Date: 14.OCT.2020 10:15:11

Band38-20MHz-64QAM-37850-1RB#0

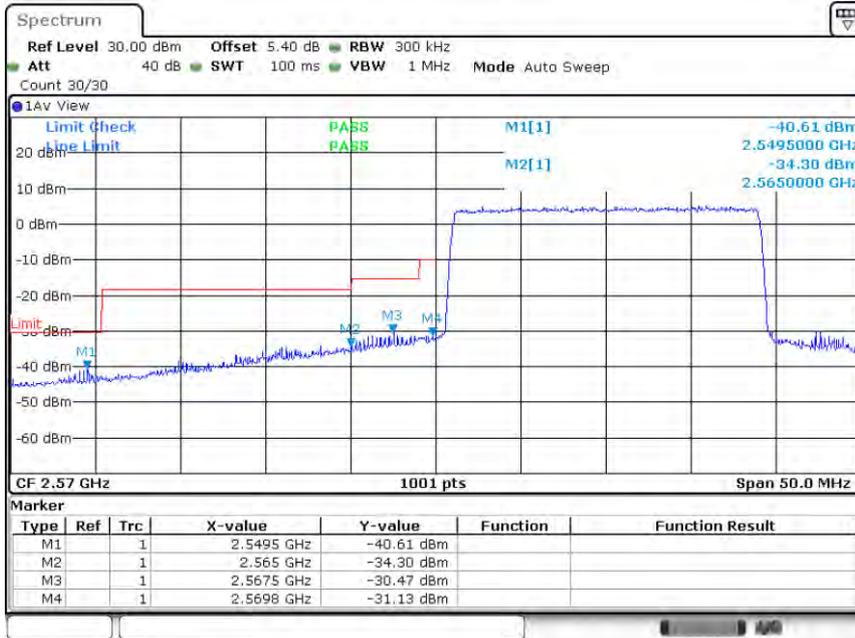


Date: 14.OCT.2020 11:45:05



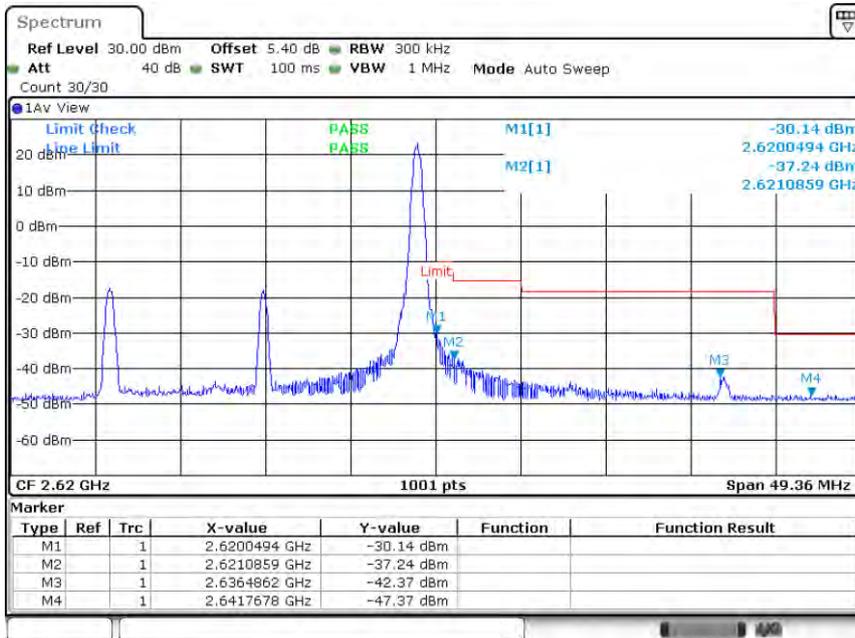
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-20MHz-64QAM-37850-100RB#0



Date: 14.OCT.2020 11:45:23

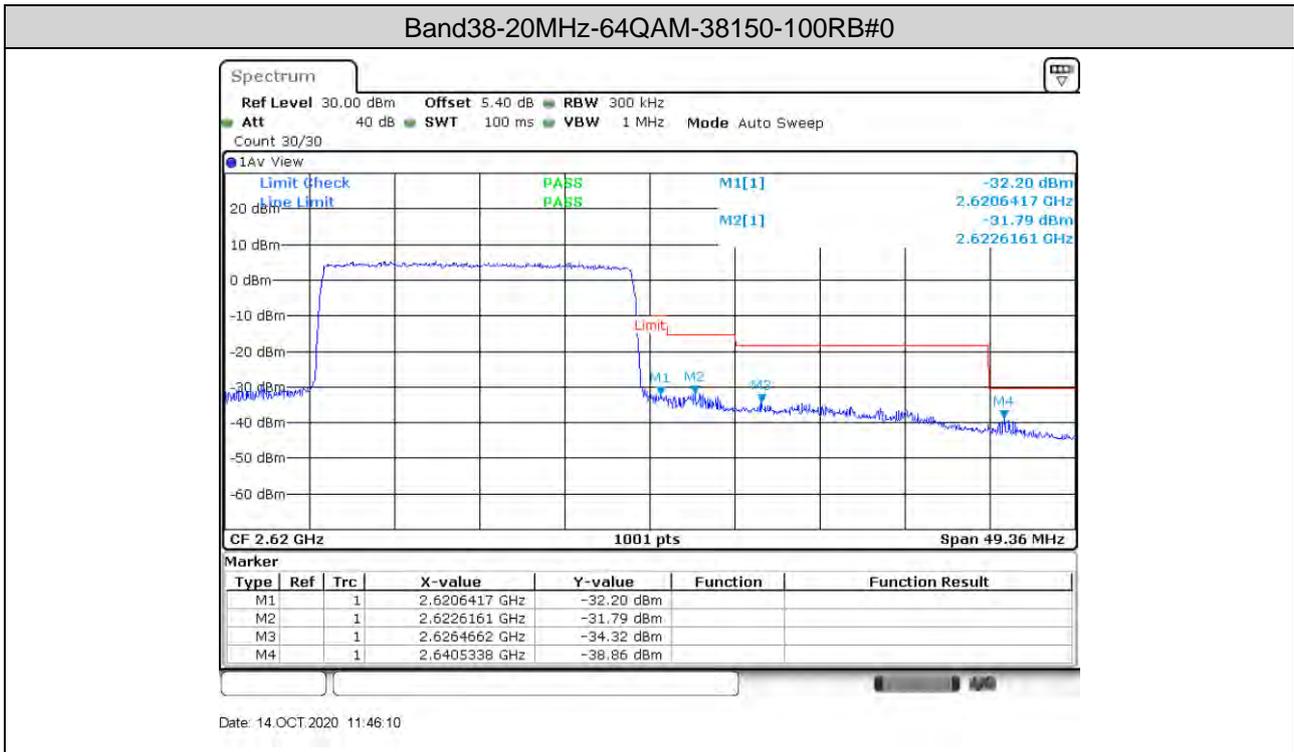
Band38-20MHz-64QAM-38150-1RB#99



Date: 14.OCT.2020 11:45:51



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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



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-DocumentL.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

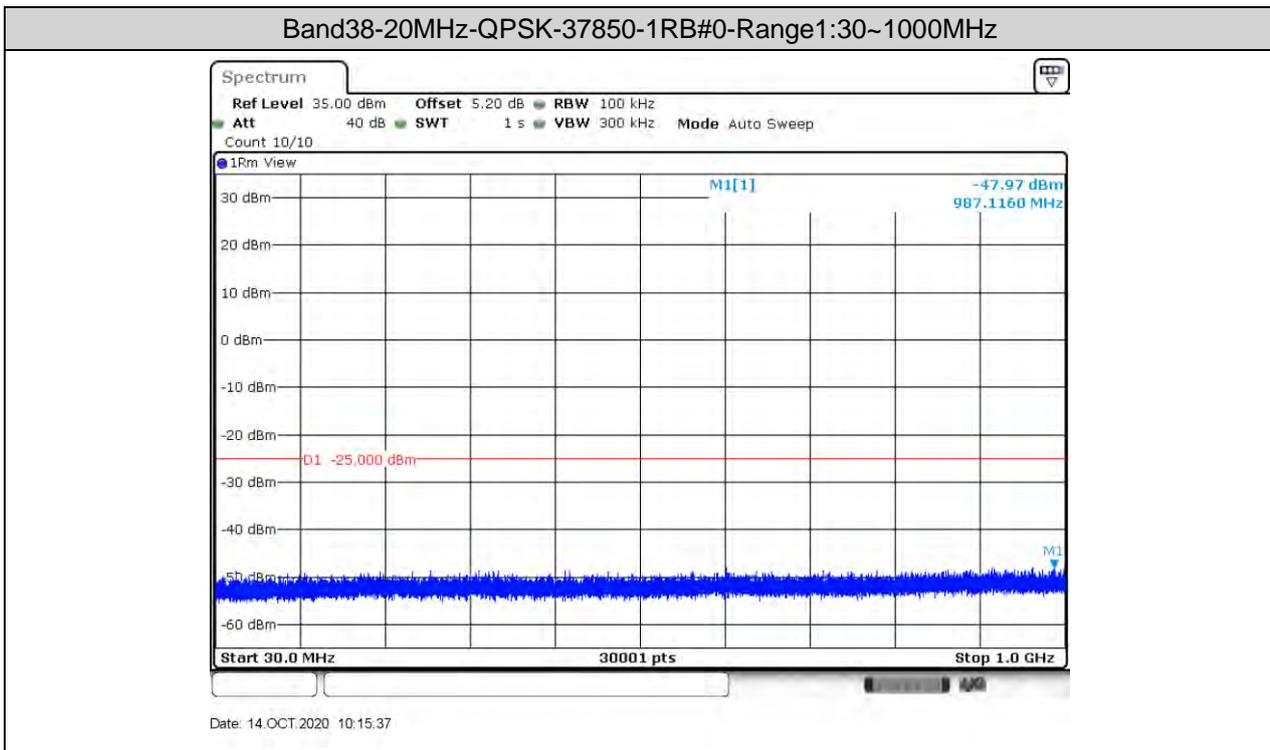
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



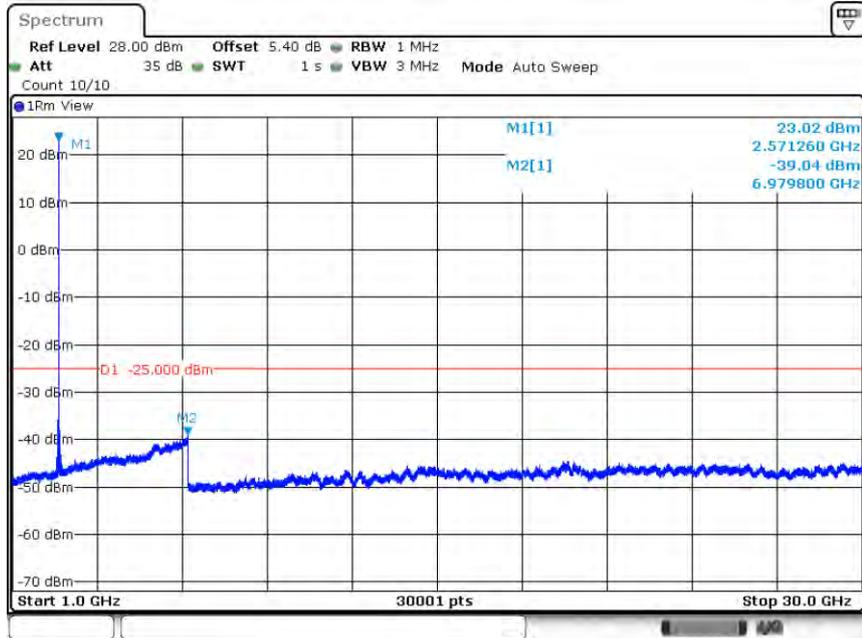
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
Shenzhen Branch, 1000000 Laboratory

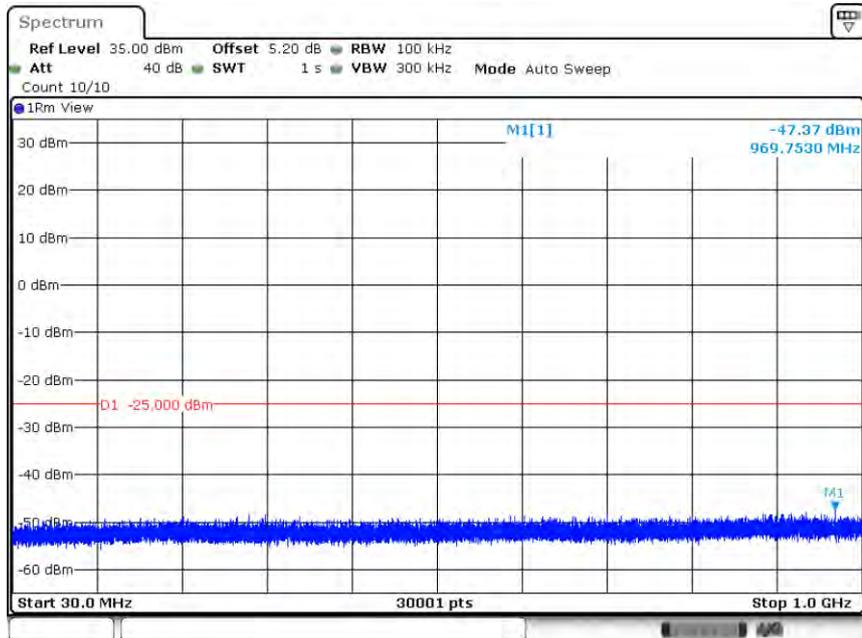
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band38-20MHz-QPSK-37850-1RB#0-Range2:1000~30000MHz



Date: 14.OCT.2020 10:15:54

Band38-20MHz-QPSK-38000-1RB#0-Range1:30~1000MHz



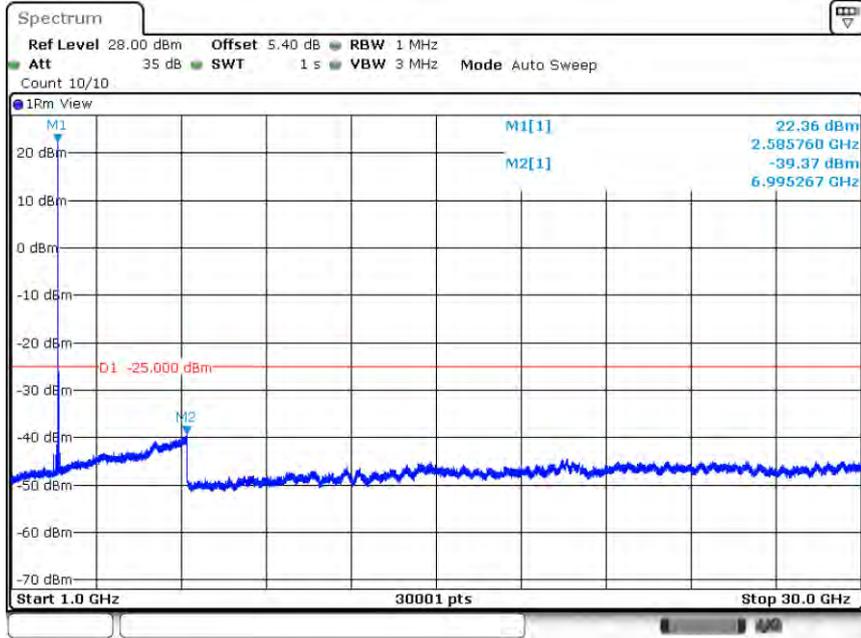
Date: 14.OCT.2020 10:16:57



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

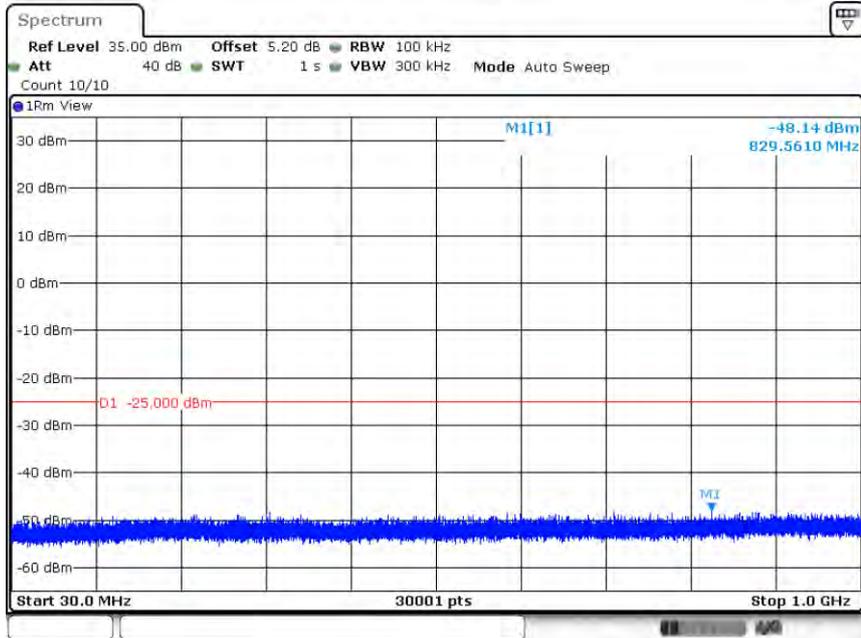


Band38-20MHz-QPSK-38000-1RB#0-Range2:1000~30000MHz



Date: 14.OCT.2020 10:17:14

Band38-20MHz-QPSK-38150-1RB#0-Range1:30~1000MHz



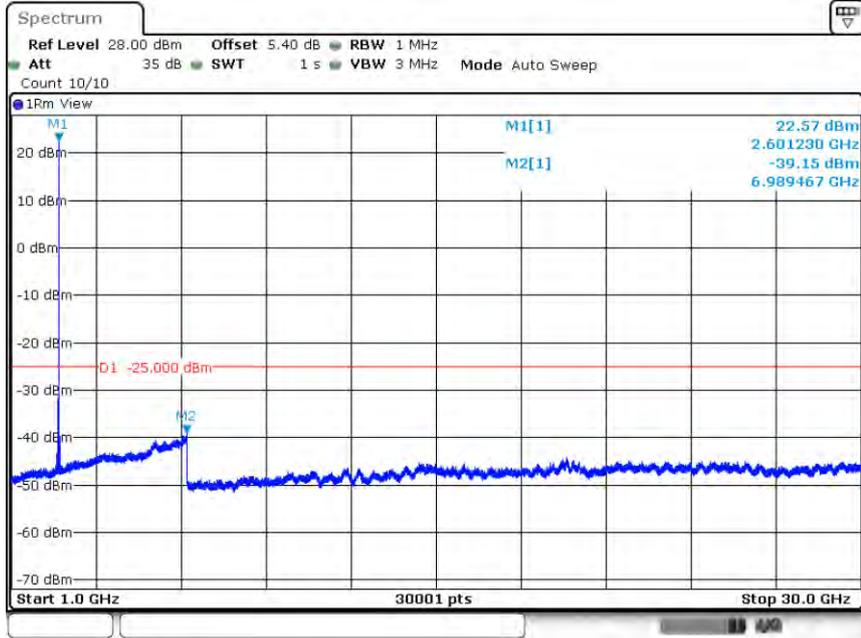
Date: 14.OCT.2020 10:18:15



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

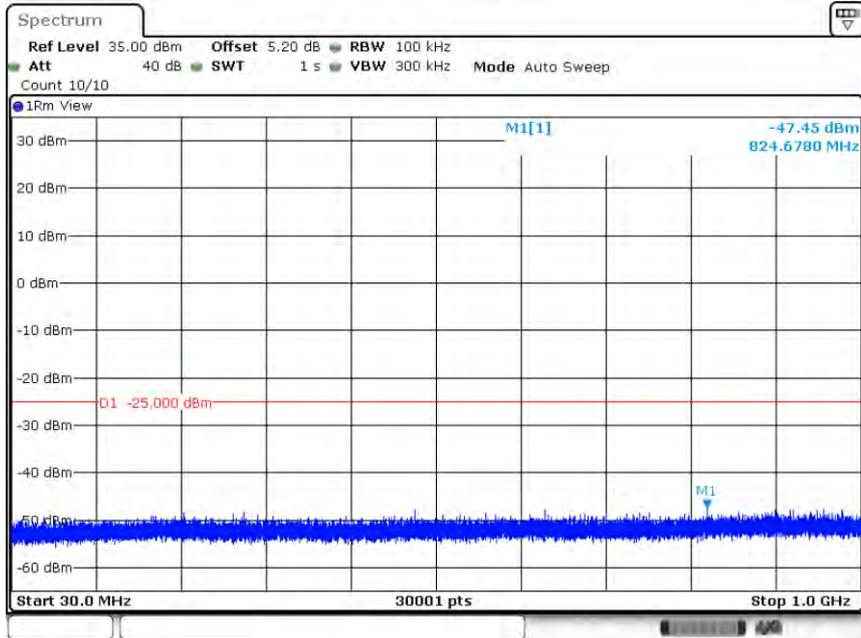
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band38-20MHz-QPSK-38150-1RB#0-Range2:1000~30000MHz



Date: 14.OCT.2020 10:18:32

Band38-20MHz-16QAM-37850-1RB#0-Range1:30~1000MHz



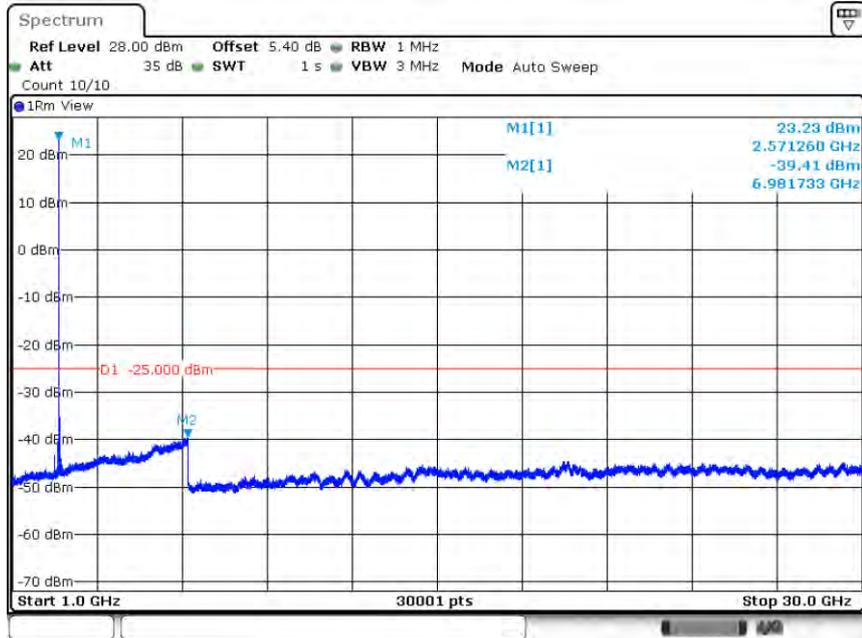
Date: 14.OCT.2020 10:16:17



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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

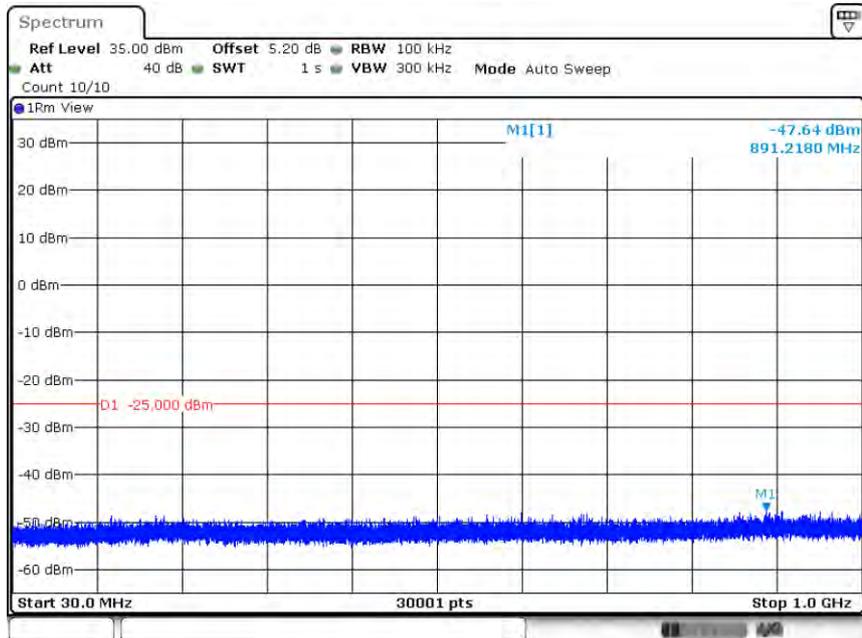
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band38-20MHz-16QAM-37850-1RB#0-Range2:1000~30000MHz



Date: 14.OCT.2020 10:16:34

Band38-20MHz-16QAM-38000-1RB#0-Range1:30~1000MHz

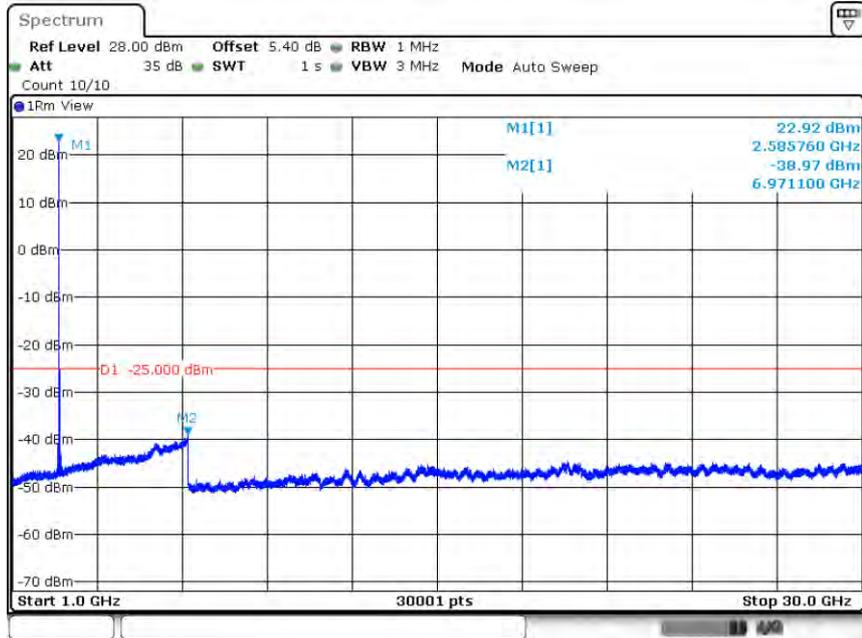


Date: 14.OCT.2020 10:17:36



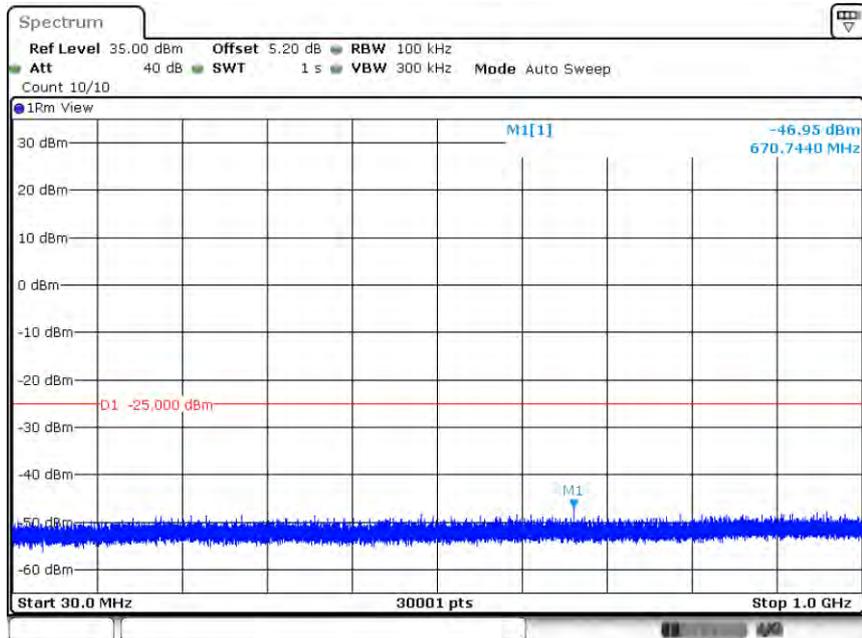
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-20MHz-16QAM-38000-1RB#0-Range2:1000~30000MHz



Date: 14.OCT.2020 10:17:53

Band38-20MHz-16QAM-38150-1RB#0-Range1:30~1000MHz

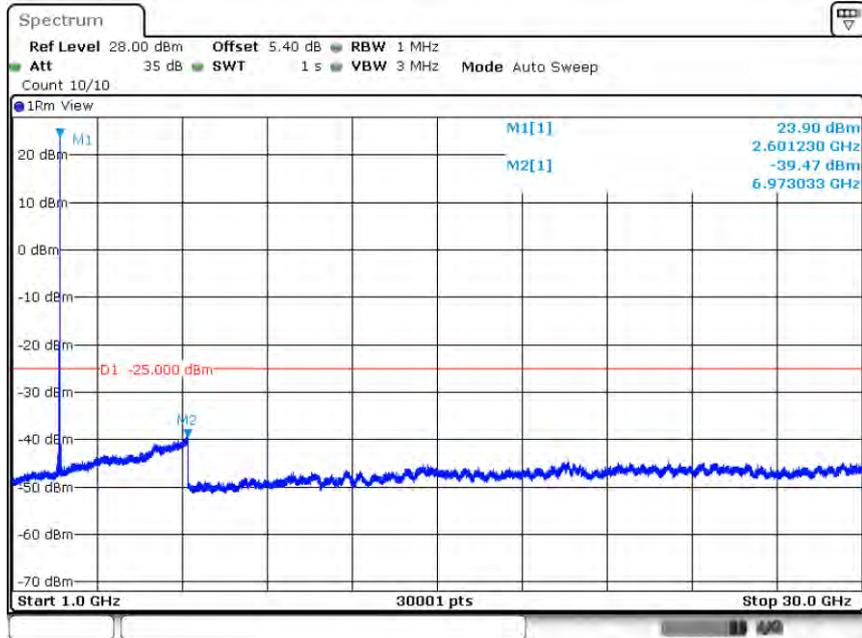


Date: 14.OCT.2020 10:18:54



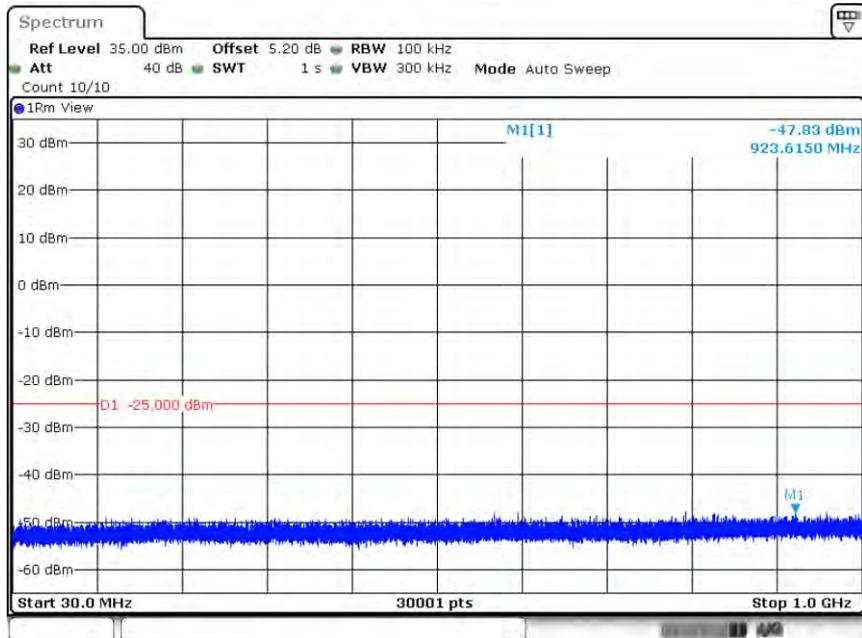
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-20MHz-16QAM-38150-1RB#0-Range2:1000~30000MHz



Date: 14.OCT.2020 10:19:11

Band38-20MHz-64QAM-37850-1RB#0-Range1:30~1000MHz



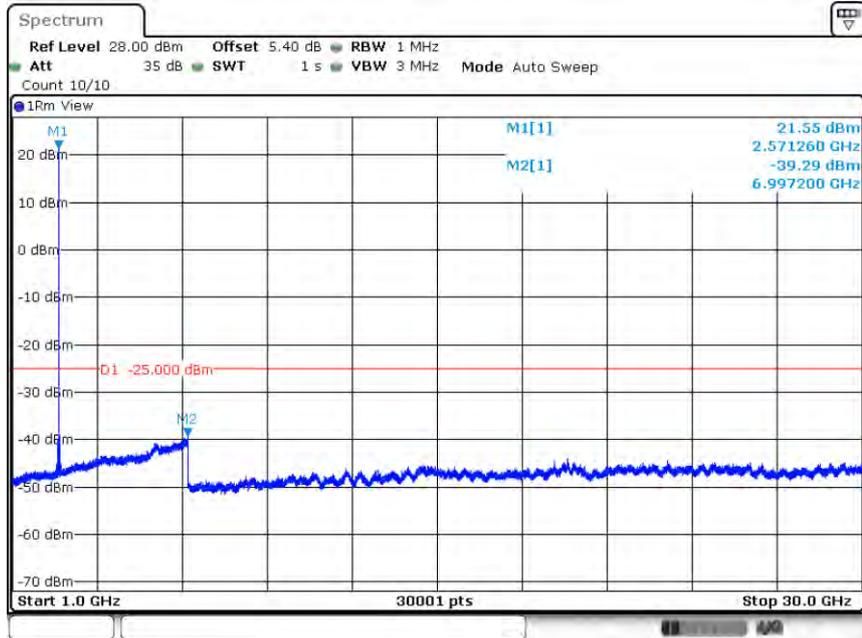
Date: 14.OCT.2020 11:46:37



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

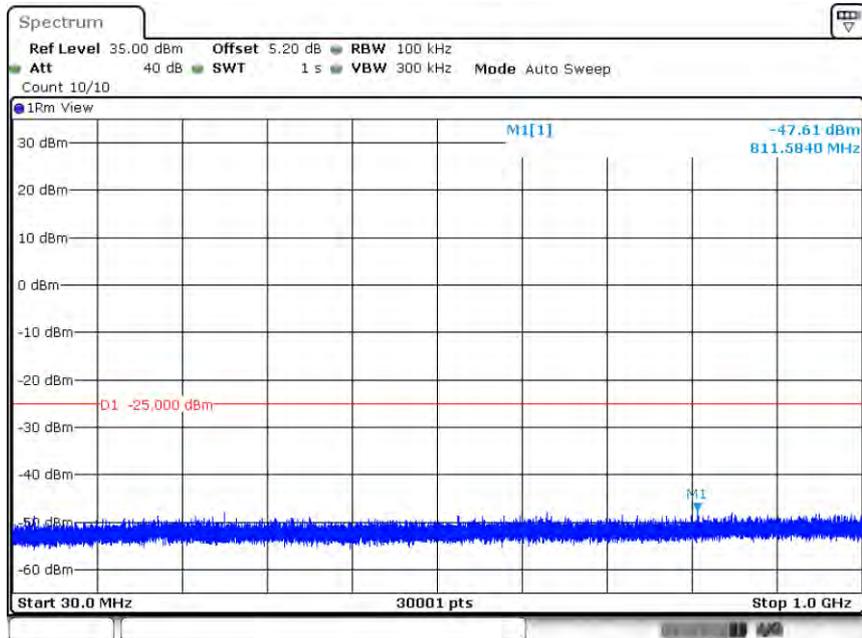


Band38-20MHz-64QAM-37850-1RB#0-Range2:1000~30000MHz



Date: 14.OCT.2020 11:46:54

Band38-20MHz-64QAM-38000-1RB#0-Range1:30~1000MHz

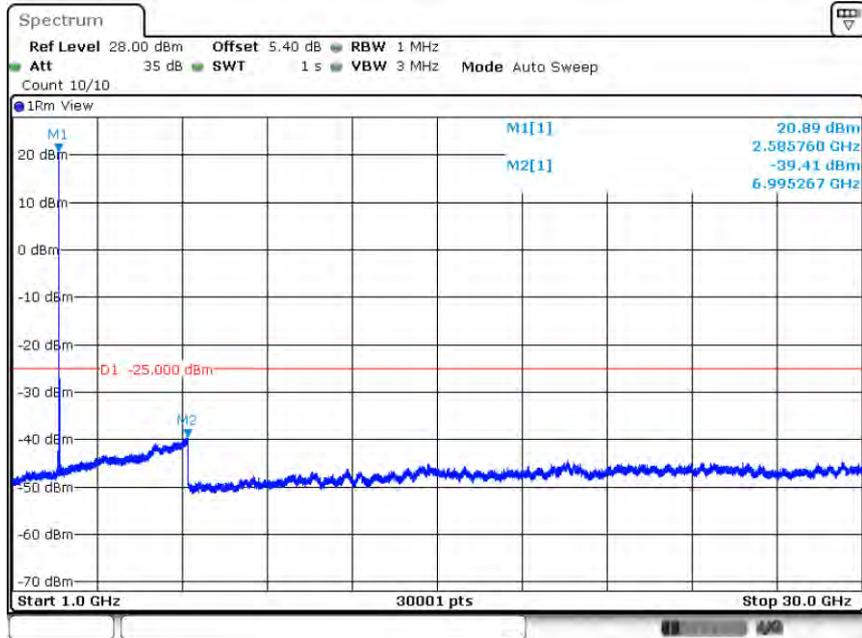


Date: 14.OCT.2020 11:47:16



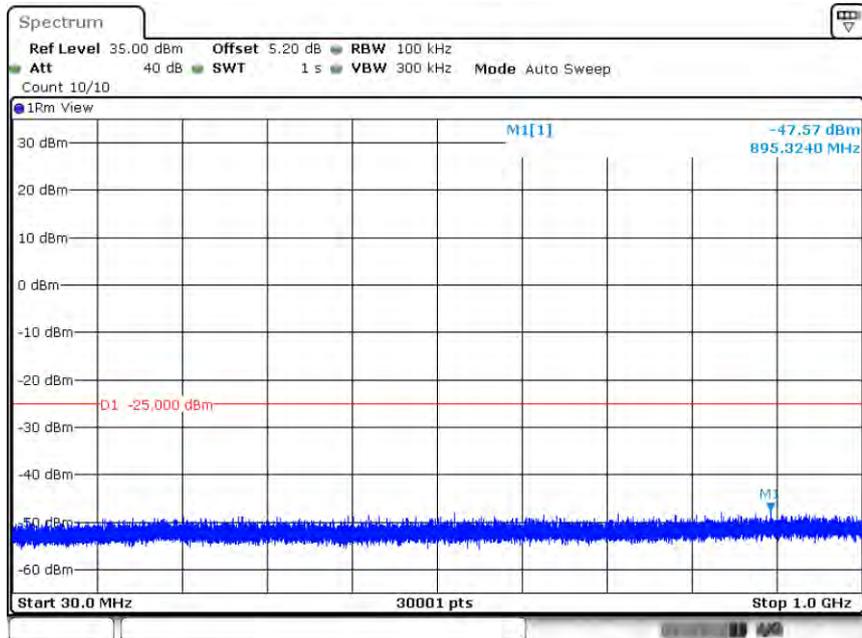
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band38-20MHz-64QAM-38000-1RB#0-Range2:1000~30000MHz



Date: 14.OCT.2020 11:47:33

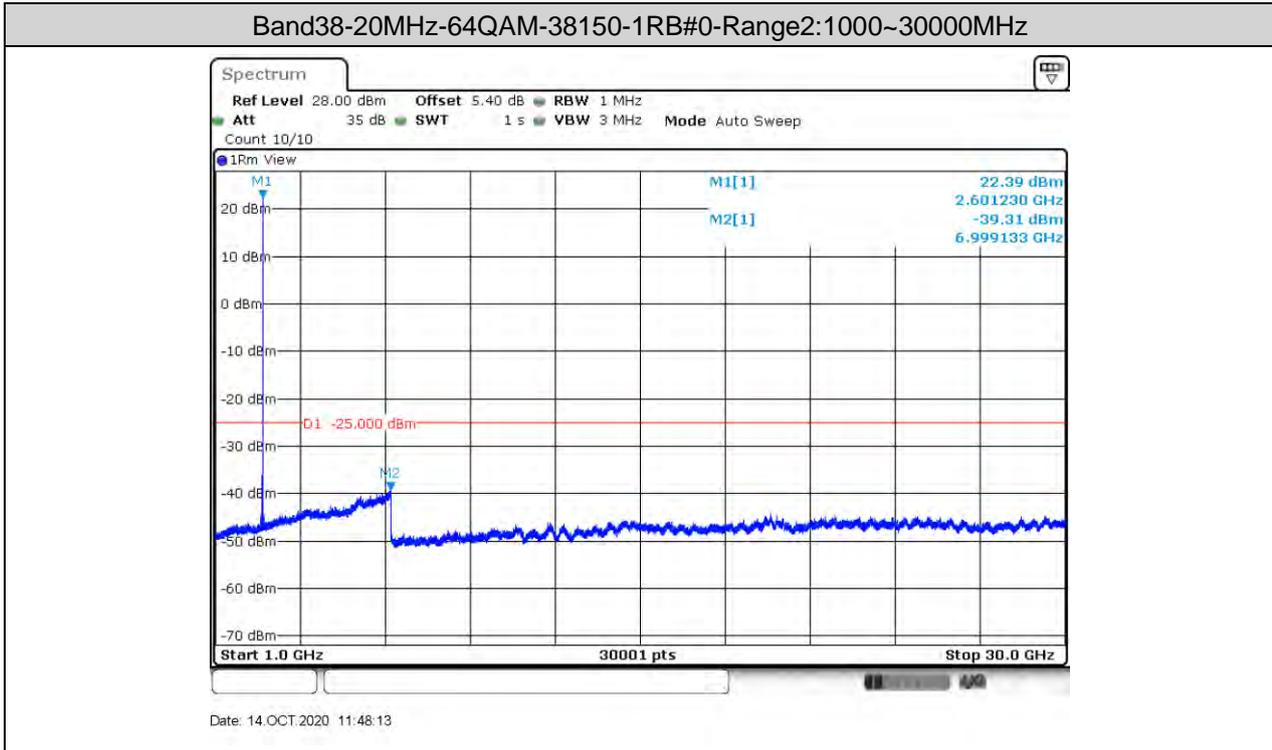
Band38-20MHz-64QAM-38150-1RB#0-Range1:30~1000MHz



Date: 14.OCT.2020 11:47:55



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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



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

7 Field Strength of Spurious Radiation

7.1 Test Mode =LTE/TM1 20MHz(Ant1)

7.1.1 Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 30.3880 | -74.94 | -25.00 | 49.94 | Vertical |
| 109.8350 | -65.03 | -25.00 | 40.03 | Vertical |
| 473.6517 | -66.21 | -25.00 | 41.21 | Vertical |
| 3624.0208 | -62.11 | -25.00 | 37.11 | Vertical |
| 7363.6455 | -55.99 | -25.00 | 30.99 | Vertical |
| 17997.4999 | -40.87 | -25.00 | 15.87 | Vertical |
| 44.9387 | -63.51 | -25.00 | 38.51 | Horizontal |
| 99.2615 | -74.66 | -25.00 | 49.66 | Horizontal |
| 238.5604 | -68.62 | -25.00 | 43.62 | Horizontal |
| 5142.0714 | -60.25 | -25.00 | 35.25 | Horizontal |
| 9277.7093 | -52.70 | -25.00 | 27.70 | Horizontal |
| 16398.4466 | -43.79 | -25.00 | 18.79 | Horizontal |

7.1.2 Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 30.4365 | -76.04 | -25.00 | 51.04 | Vertical |
| 106.0033 | -65.62 | -25.00 | 40.62 | Vertical |
| 627.8894 | -62.81 | -25.00 | 37.81 | Vertical |
| 3633.0211 | -62.04 | -25.00 | 37.04 | Vertical |
| 7424.6475 | -56.56 | -25.00 | 31.56 | Vertical |
| 17997.9999 | -40.81 | -25.00 | 15.81 | Vertical |
| 42.9501 | -64.41 | -25.00 | 39.41 | Horizontal |
| 80.5880 | -75.40 | -25.00 | 50.40 | Horizontal |
| 252.4806 | -68.23 | -25.00 | 43.23 | Horizontal |
| 3749.0250 | -61.11 | -25.00 | 36.11 | Horizontal |
| 7365.6455 | -56.87 | -25.00 | 31.87 | Horizontal |
| 16389.9463 | -44.36 | -25.00 | 19.36 | 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



7.1.3 Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 30.5820 | -76.03 | -25.00 | 51.03 | Vertical |
| 119.7780 | -65.04 | -25.00 | 40.04 | Vertical |
| 403.2747 | -68.13 | -25.00 | 43.13 | Vertical |
| 3750.0250 | -62.07 | -25.00 | 37.07 | Vertical |
| 7448.1483 | -56.38 | -25.00 | 31.38 | Vertical |
| 17998.5000 | -40.82 | -25.00 | 15.82 | Vertical |
| 44.5507 | -64.07 | -25.00 | 39.07 | Horizontal |
| 85.0503 | -74.46 | -25.00 | 49.46 | Horizontal |
| 240.7430 | -68.65 | -25.00 | 43.65 | Horizontal |
| 3620.5207 | -61.02 | -25.00 | 36.02 | Horizontal |
| 7387.6463 | -56.70 | -25.00 | 31.70 | Horizontal |
| 16393.4464 | -44.33 | -25.00 | 19.33 | Horizontal |

7.2 Test Mode =LTE/TM1 20MHz(Ant2)

7.2.1 Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 30.0485 | -75.78 | -25.00 | 50.78 | Vertical |
| 108.3799 | -65.10 | -25.00 | 40.10 | Vertical |
| 468.2679 | -66.88 | -25.00 | 41.88 | Vertical |
| 3772.5258 | -62.05 | -25.00 | 37.05 | Vertical |
| 7393.1464 | -56.31 | -25.00 | 31.31 | Vertical |
| 17996.4999 | -40.34 | -25.00 | 15.34 | Vertical |
| 43.6777 | -64.68 | -25.00 | 39.68 | Horizontal |
| 100.8135 | -76.20 | -25.00 | 51.20 | Horizontal |
| 236.8143 | -68.36 | -25.00 | 43.36 | Horizontal |
| 3639.0213 | -60.89 | -25.00 | 35.89 | Horizontal |
| 7481.6494 | -56.69 | -25.00 | 31.69 | Horizontal |
| 16398.4466 | -44.16 | -25.00 | 19.16 | 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.

7.2.2 Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 31.2126 | -74.59 | -25.00 | 49.59 | Vertical |
| 114.7822 | -64.50 | -25.00 | 39.50 | Vertical |
| 420.2020 | -67.76 | -25.00 | 42.76 | Vertical |
| 3634.5212 | -61.90 | -25.00 | 36.90 | Vertical |
| 7347.1449 | -56.22 | -25.00 | 31.22 | Vertical |
| 17996.4999 | -40.88 | -25.00 | 15.88 | Vertical |
| 40.1370 | -64.23 | -25.00 | 39.23 | Horizontal |
| 105.8578 | -75.58 | -25.00 | 50.58 | Horizontal |
| 244.0897 | -68.27 | -25.00 | 43.27 | Horizontal |
| 3630.0210 | -60.86 | -25.00 | 35.86 | Horizontal |
| 7451.1484 | -56.51 | -25.00 | 31.51 | Horizontal |
| 16384.9462 | -43.51 | -25.00 | 18.51 | Horizontal |

7.2.3 Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 30.1940 | -75.21 | -25.00 | 50.21 | Vertical |
| 110.7080 | -65.13 | -25.00 | 40.13 | Vertical |
| 500.3765 | -65.73 | -25.00 | 40.73 | Vertical |
| 3745.0248 | -62.05 | -25.00 | 37.05 | Vertical |
| 7369.1456 | -56.06 | -25.00 | 31.06 | Vertical |
| 17995.9999 | -40.61 | -25.00 | 15.61 | Vertical |
| 42.6106 | -64.40 | -25.00 | 39.40 | Horizontal |
| 106.8278 | -75.19 | -25.00 | 50.19 | Horizontal |
| 240.5490 | -68.90 | -25.00 | 43.90 | Horizontal |
| 3592.0197 | -61.07 | -25.00 | 36.07 | Horizontal |
| 7445.1482 | -56.55 | -25.00 | 31.55 | Horizontal |
| 16390.9464 | -43.77 | -25.00 | 18.77 | 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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

8 Frequency Stability

8.1 Frequency Vs Voltage

| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage | | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|--------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| | | | | | Voltage [Vdc] | Temperature (°C) | | | | |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | VL | NT | -9.90 | -0.003837 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | VN | NT | -7.20 | -0.002791 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | VH | NT | -8.90 | -0.003450 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | VL | NT | -8.90 | -0.003430 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | VN | NT | -7.90 | -0.003044 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | VH | NT | -8.90 | -0.003430 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | VL | NT | -10.90 | -0.004176 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | VN | NT | -11.90 | -0.004559 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | VH | NT | -9.00 | -0.003448 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | VL | NT | -12.90 | -0.005000 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | VN | NT | -13.10 | -0.005078 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | VH | NT | -10.80 | -0.004186 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | VL | NT | -8.60 | -0.003314 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | VN | NT | -8.80 | -0.003391 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | VH | NT | -10.70 | -0.004123 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | VL | NT | -11.50 | -0.004406 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | VN | NT | -8.50 | -0.003257 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | VH | NT | -13.10 | -0.005019 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | VL | NT | -10.00 | -0.003876 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | VN | NT | -12.90 | -0.005000 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | VH | NT | -11.70 | -0.004535 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | VL | NT | -10.10 | -0.003892 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | VN | NT | -11.50 | -0.004432 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | VH | NT | -12.00 | -0.004624 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | VL | NT | -12.60 | -0.004828 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | VN | NT | -9.50 | -0.003640 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | VH | NT | -11.90 | -0.004559 | ±2.5 | PASS |



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



8.2 Frequency Vs Temperature

| Temperature | | | | | | | | | | |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | NV | -30 | -10.70 | -0.004147 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | NV | -20 | -10.10 | -0.003915 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | NV | -10 | -5.10 | -0.001977 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | NV | 0 | -7.90 | -0.003062 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | NV | 10 | -9.90 | -0.003837 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | NV | 20 | -11.50 | -0.004457 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | NV | 30 | -7.70 | -0.002984 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | NV | 40 | -6.70 | -0.002597 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | NV | 50 | -6.10 | -0.002364 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | NV | -30 | -10.20 | -0.003931 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | NV | -20 | -7.20 | -0.002775 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | NV | -10 | -11.20 | -0.004316 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | NV | 0 | -8.30 | -0.003198 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | NV | 10 | -9.00 | -0.003468 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | NV | 20 | -10.20 | -0.003931 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | NV | 30 | -11.50 | -0.004432 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | NV | 40 | -6.40 | -0.002466 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | NV | 50 | -3.10 | -0.001195 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | NV | -30 | -10.30 | -0.003946 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | NV | -20 | -8.80 | -0.003372 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | NV | -10 | -13.00 | -0.004981 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | NV | 0 | -10.40 | -0.003985 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | NV | 10 | -9.60 | -0.003678 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | NV | 20 | -8.70 | -0.003333 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | NV | 30 | -8.00 | -0.003065 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | NV | 40 | -8.00 | -0.003065 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | NV | 50 | -9.50 | -0.003640 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | -30 | -8.10 | -0.003140 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | -20 | -8.10 | -0.003140 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | -10 | -7.60 | -0.002946 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 0 | -15.40 | -0.005969 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 10 | -10.50 | -0.004070 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 20 | -13.50 | -0.005233 | ±2.5 | PASS |



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

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

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch 中国·深圳·科技园中区M-10栋一号楼
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栋一号楼 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



| | | | | | | | | | | |
|--------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 30 | -11.80 | -0.004574 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 40 | -14.20 | -0.005504 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 50 | -9.20 | -0.003566 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | -30 | -5.70 | -0.002197 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | -20 | -8.10 | -0.003121 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | -10 | -9.00 | -0.003468 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 0 | -10.20 | -0.003931 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 10 | -7.30 | -0.002813 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 20 | -12.20 | -0.004701 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 30 | -8.60 | -0.003314 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 40 | -9.00 | -0.003468 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 50 | -10.20 | -0.003931 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | -30 | -9.40 | -0.003602 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | -20 | -10.20 | -0.003908 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | -10 | -11.30 | -0.004330 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 0 | -12.10 | -0.004636 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 10 | -11.60 | -0.004444 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 20 | -7.00 | -0.002682 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 30 | -6.20 | -0.002375 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 40 | -10.10 | -0.003870 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 50 | -9.80 | -0.003755 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | -30 | -9.90 | -0.003837 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | -20 | -10.10 | -0.003915 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | -10 | -9.00 | -0.003488 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | 0 | -7.80 | -0.003023 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | 10 | -6.70 | -0.002597 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | 20 | -8.60 | -0.003333 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | 30 | -10.50 | -0.004070 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | 40 | -9.30 | -0.003605 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | 50 | -8.40 | -0.003256 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | -30 | -11.10 | -0.004277 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | -20 | -8.20 | -0.003160 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | -10 | -10.10 | -0.003892 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | 0 | -9.20 | -0.003545 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | 10 | -10.30 | -0.003969 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | 20 | -12.00 | -0.004624 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | 30 | -10.30 | -0.003969 | ±2.5 | PASS |



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-DocumentL.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 中国·深圳·科技园中区M-10栋一号厂房
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



| | | | | | | | | | | |
|--------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | 40 | -13.70 | -0.005279 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | 50 | -9.10 | -0.003507 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | -30 | -8.30 | -0.003180 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | -20 | -9.70 | -0.003716 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | -10 | -12.90 | -0.004943 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | 0 | -11.10 | -0.004253 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | 10 | -11.00 | -0.004215 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | 20 | -12.30 | -0.004713 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | 30 | -11.80 | -0.004521 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | 40 | -9.80 | -0.003755 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | 50 | -7.70 | -0.002950 | ±2.5 | 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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.