

Appendix B

E-UTRA Band 26 (824-849)



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



CONTENT

| | | |
|-----------|--|-----------|
| 1 | EFFECTIVE (ISOTROPIC) RADIATED POWER | 3 |
| 1.1. | TEST RESULT | 3 |
| 2. | PEAK-TO-AVERAGE RATIO (CCDF) | 10 |
| 2.1. | TEST RESULT | 10 |
| 2.2. | TEST PLOTS..... | 10 |
| 3. | MODULATION CHARACTERISTICS | 14 |
| 3.1. | TEST MODE = LTE /TM1 15MHZ..... | 14 |
| 3.1.1. | TEST CHANNEL = MCH..... | 14 |
| 3.2. | TEST MODE = LTE /TM2 15MHZ..... | 15 |
| 3.2.1. | TEST CHANNEL = MCH..... | 15 |
| 3.3. | TEST MODE = LTE /TM3 15MHZ..... | 16 |
| 3.3.1. | TEST CHANNEL = MCH..... | 16 |
| 4. | 26DB BANDWIDTH AND OCCUPIED BANDWIDTH | 17 |
| 4.1. | TEST RESULT | 17 |
| 4.2. | TEST PLOTS..... | 18 |
| 5. | BAND EDGE COMPLIANCE | 33 |
| 5.1. | TEST RESULT | 33 |
| 5.2. | TEST PLOTS..... | 34 |
| 6. | SPURIOUS EMISSION AT ANTENNA TERMINAL | 55 |
| 6.1. | TEST PLOTS..... | 55 |
| 7. | FIELD STRENGTH OF SPURIOUS RADIATION | 62 |
| 7.1. | TEST MODE =LTE/TM1 15MHZ | 62 |
| 7.1.1. | TEST CHANNEL = LCH | 62 |
| 7.1.2. | TEST CHANNEL = MCH..... | 62 |
| 7.1.3. | TEST CHANNEL = HCH..... | 63 |
| 8. | FREQUENCY STABILITY..... | 64 |
| 8.1. | FREQUENCY VS VOLTAGE | 64 |
| 8.2. | FREQUENCY VS TEMPERATURE | 64 |



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



1 Effective (Isotropic) Radiated Power

1.1. Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|----------------------|---------|
| Band26 | 1.4MHz | QPSK | 26797 | 1RB#0 | 23.04 | PASS |
| Band26 | 1.4MHz | QPSK | 26797 | 1RB#2 | 23.15 | PASS |
| Band26 | 1.4MHz | QPSK | 26797 | 1RB#5 | 23.06 | PASS |
| Band26 | 1.4MHz | QPSK | 26797 | 3RB#1 | 23.19 | PASS |
| Band26 | 1.4MHz | QPSK | 26797 | 3RB#0 | 23.15 | PASS |
| Band26 | 1.4MHz | QPSK | 26797 | 3RB#3 | 23.14 | PASS |
| Band26 | 1.4MHz | QPSK | 26797 | 6RB#0 | 22.26 | PASS |
| Band26 | 1.4MHz | QPSK | 26915 | 1RB#0 | 22.99 | PASS |
| Band26 | 1.4MHz | QPSK | 26915 | 1RB#5 | 23.01 | PASS |
| Band26 | 1.4MHz | QPSK | 26915 | 1RB#2 | 23.12 | PASS |
| Band26 | 1.4MHz | QPSK | 26915 | 3RB#3 | 23.10 | PASS |
| Band26 | 1.4MHz | QPSK | 26915 | 3RB#0 | 23.06 | PASS |
| Band26 | 1.4MHz | QPSK | 26915 | 3RB#1 | 23.08 | PASS |
| Band26 | 1.4MHz | QPSK | 26915 | 6RB#0 | 22.10 | PASS |
| Band26 | 1.4MHz | QPSK | 27033 | 1RB#2 | 23.06 | PASS |
| Band26 | 1.4MHz | QPSK | 27033 | 1RB#5 | 22.95 | PASS |
| Band26 | 1.4MHz | QPSK | 27033 | 1RB#0 | 22.98 | PASS |
| Band26 | 1.4MHz | QPSK | 27033 | 3RB#1 | 23.11 | PASS |
| Band26 | 1.4MHz | QPSK | 27033 | 3RB#3 | 23.05 | PASS |
| Band26 | 1.4MHz | QPSK | 27033 | 3RB#0 | 23.05 | PASS |
| Band26 | 1.4MHz | QPSK | 27033 | 6RB#0 | 22.12 | PASS |
| Band26 | 1.4MHz | 16QAM | 26797 | 1RB#5 | 22.40 | PASS |
| Band26 | 1.4MHz | 16QAM | 26797 | 1RB#0 | 22.37 | PASS |
| Band26 | 1.4MHz | 16QAM | 26797 | 1RB#2 | 22.63 | PASS |
| Band26 | 1.4MHz | 16QAM | 26797 | 3RB#0 | 22.39 | PASS |
| Band26 | 1.4MHz | 16QAM | 26797 | 3RB#1 | 22.45 | PASS |
| Band26 | 1.4MHz | 16QAM | 26797 | 3RB#3 | 22.37 | 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.

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



| | | | | | | |
|--------|--------|-------|-------|--------|-------|------|
| Band26 | 1.4MHz | 16QAM | 26797 | 6RB#0 | 21.34 | PASS |
| Band26 | 1.4MHz | 16QAM | 26915 | 1RB#0 | 22.46 | PASS |
| Band26 | 1.4MHz | 16QAM | 26915 | 1RB#2 | 22.50 | PASS |
| Band26 | 1.4MHz | 16QAM | 26915 | 1RB#5 | 22.40 | PASS |
| Band26 | 1.4MHz | 16QAM | 26915 | 3RB#1 | 22.31 | PASS |
| Band26 | 1.4MHz | 16QAM | 26915 | 3RB#0 | 22.24 | PASS |
| Band26 | 1.4MHz | 16QAM | 26915 | 3RB#3 | 22.29 | PASS |
| Band26 | 1.4MHz | 16QAM | 26915 | 6RB#0 | 21.26 | PASS |
| Band26 | 1.4MHz | 16QAM | 27033 | 1RB#2 | 22.31 | PASS |
| Band26 | 1.4MHz | 16QAM | 27033 | 1RB#0 | 22.22 | PASS |
| Band26 | 1.4MHz | 16QAM | 27033 | 1RB#5 | 22.21 | PASS |
| Band26 | 1.4MHz | 16QAM | 27033 | 3RB#0 | 22.24 | PASS |
| Band26 | 1.4MHz | 16QAM | 27033 | 3RB#1 | 22.23 | PASS |
| Band26 | 1.4MHz | 16QAM | 27033 | 3RB#3 | 22.14 | PASS |
| Band26 | 1.4MHz | 16QAM | 27033 | 6RB#0 | 21.21 | PASS |
| Band26 | 3MHz | QPSK | 26805 | 1RB#0 | 23.13 | PASS |
| Band26 | 3MHz | QPSK | 26805 | 1RB#8 | 23.27 | PASS |
| Band26 | 3MHz | QPSK | 26805 | 1RB#14 | 23.16 | PASS |
| Band26 | 3MHz | QPSK | 26805 | 8RB#4 | 22.35 | PASS |
| Band26 | 3MHz | QPSK | 26805 | 8RB#7 | 22.26 | PASS |
| Band26 | 3MHz | QPSK | 26805 | 8RB#0 | 22.22 | PASS |
| Band26 | 3MHz | QPSK | 26805 | 15RB#0 | 22.28 | PASS |
| Band26 | 3MHz | QPSK | 26915 | 1RB#14 | 23.13 | PASS |
| Band26 | 3MHz | QPSK | 26915 | 1RB#8 | 23.23 | PASS |
| Band26 | 3MHz | QPSK | 26915 | 1RB#0 | 23.08 | PASS |
| Band26 | 3MHz | QPSK | 26915 | 8RB#7 | 22.26 | PASS |
| Band26 | 3MHz | QPSK | 26915 | 8RB#4 | 22.27 | PASS |
| Band26 | 3MHz | QPSK | 26915 | 8RB#0 | 22.19 | PASS |
| Band26 | 3MHz | QPSK | 26915 | 15RB#0 | 22.25 | PASS |
| Band26 | 3MHz | QPSK | 27025 | 1RB#8 | 23.16 | PASS |
| Band26 | 3MHz | QPSK | 27025 | 1RB#14 | 23.05 | PASS |
| Band26 | 3MHz | QPSK | 27025 | 1RB#0 | 23.10 | PASS |
| Band26 | 3MHz | QPSK | 27025 | 8RB#4 | 22.20 | 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



| | | | | | | |
|--------|------|-------|-------|---------|-------|------|
| Band26 | 3MHz | QPSK | 27025 | 8RB#7 | 22.14 | PASS |
| Band26 | 3MHz | QPSK | 27025 | 8RB#0 | 22.17 | PASS |
| Band26 | 3MHz | QPSK | 27025 | 15RB#0 | 22.27 | PASS |
| Band26 | 3MHz | 16QAM | 26805 | 1RB#14 | 22.51 | PASS |
| Band26 | 3MHz | 16QAM | 26805 | 1RB#0 | 22.51 | PASS |
| Band26 | 3MHz | 16QAM | 26805 | 1RB#8 | 22.64 | PASS |
| Band26 | 3MHz | 16QAM | 26805 | 8RB#4 | 21.44 | PASS |
| Band26 | 3MHz | 16QAM | 26805 | 8RB#7 | 21.37 | PASS |
| Band26 | 3MHz | 16QAM | 26805 | 8RB#0 | 21.34 | PASS |
| Band26 | 3MHz | 16QAM | 26805 | 15RB#0 | 21.35 | PASS |
| Band26 | 3MHz | 16QAM | 26915 | 1RB#8 | 22.64 | PASS |
| Band26 | 3MHz | 16QAM | 26915 | 1RB#0 | 22.40 | PASS |
| Band26 | 3MHz | 16QAM | 26915 | 1RB#14 | 22.49 | PASS |
| Band26 | 3MHz | 16QAM | 26915 | 8RB#0 | 21.34 | PASS |
| Band26 | 3MHz | 16QAM | 26915 | 8RB#4 | 21.35 | PASS |
| Band26 | 3MHz | 16QAM | 26915 | 8RB#7 | 21.36 | PASS |
| Band26 | 3MHz | 16QAM | 26915 | 15RB#0 | 21.25 | PASS |
| Band26 | 3MHz | 16QAM | 27025 | 1RB#0 | 22.36 | PASS |
| Band26 | 3MHz | 16QAM | 27025 | 1RB#14 | 22.31 | PASS |
| Band26 | 3MHz | 16QAM | 27025 | 1RB#8 | 22.45 | PASS |
| Band26 | 3MHz | 16QAM | 27025 | 8RB#7 | 21.23 | PASS |
| Band26 | 3MHz | 16QAM | 27025 | 8RB#4 | 21.28 | PASS |
| Band26 | 3MHz | 16QAM | 27025 | 8RB#0 | 21.25 | PASS |
| Band26 | 3MHz | 16QAM | 27025 | 15RB#0 | 21.22 | PASS |
| Band26 | 5MHz | QPSK | 26815 | 1RB#24 | 23.18 | PASS |
| Band26 | 5MHz | QPSK | 26815 | 1RB#12 | 23.22 | PASS |
| Band26 | 5MHz | QPSK | 26815 | 1RB#0 | 23.18 | PASS |
| Band26 | 5MHz | QPSK | 26815 | 12RB#13 | 22.27 | PASS |
| Band26 | 5MHz | QPSK | 26815 | 12RB#6 | 22.33 | PASS |
| Band26 | 5MHz | QPSK | 26815 | 12RB#0 | 22.27 | PASS |
| Band26 | 5MHz | QPSK | 26815 | 25RB#0 | 22.30 | PASS |
| Band26 | 5MHz | QPSK | 26915 | 1RB#0 | 23.12 | PASS |
| Band26 | 5MHz | QPSK | 26915 | 1RB#12 | 23.14 | 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



| | | | | | | |
|--------|------|-------|-------|---------|-------|------|
| Band26 | 5MHz | QPSK | 26915 | 1RB#24 | 23.11 | PASS |
| Band26 | 5MHz | QPSK | 26915 | 12RB#6 | 22.25 | PASS |
| Band26 | 5MHz | QPSK | 26915 | 12RB#13 | 22.26 | PASS |
| Band26 | 5MHz | QPSK | 26915 | 12RB#0 | 22.25 | PASS |
| Band26 | 5MHz | QPSK | 26915 | 25RB#0 | 22.21 | PASS |
| Band26 | 5MHz | QPSK | 27015 | 1RB#24 | 23.05 | PASS |
| Band26 | 5MHz | QPSK | 27015 | 1RB#12 | 23.15 | PASS |
| Band26 | 5MHz | QPSK | 27015 | 1RB#0 | 23.13 | PASS |
| Band26 | 5MHz | QPSK | 27015 | 12RB#0 | 22.15 | PASS |
| Band26 | 5MHz | QPSK | 27015 | 12RB#13 | 22.22 | PASS |
| Band26 | 5MHz | QPSK | 27015 | 12RB#6 | 22.26 | PASS |
| Band26 | 5MHz | QPSK | 27015 | 25RB#0 | 22.18 | PASS |
| Band26 | 5MHz | 16QAM | 26815 | 1RB#24 | 22.60 | PASS |
| Band26 | 5MHz | 16QAM | 26815 | 1RB#0 | 22.52 | PASS |
| Band26 | 5MHz | 16QAM | 26815 | 1RB#12 | 22.62 | PASS |
| Band26 | 5MHz | 16QAM | 26815 | 12RB#0 | 21.33 | PASS |
| Band26 | 5MHz | 16QAM | 26815 | 12RB#13 | 21.41 | PASS |
| Band26 | 5MHz | 16QAM | 26815 | 12RB#6 | 21.41 | PASS |
| Band26 | 5MHz | 16QAM | 26815 | 25RB#0 | 21.34 | PASS |
| Band26 | 5MHz | 16QAM | 26915 | 1RB#24 | 22.49 | PASS |
| Band26 | 5MHz | 16QAM | 26915 | 1RB#12 | 22.64 | PASS |
| Band26 | 5MHz | 16QAM | 26915 | 1RB#0 | 22.60 | PASS |
| Band26 | 5MHz | 16QAM | 26915 | 12RB#6 | 21.36 | PASS |
| Band26 | 5MHz | 16QAM | 26915 | 12RB#0 | 21.30 | PASS |
| Band26 | 5MHz | 16QAM | 26915 | 12RB#13 | 21.41 | PASS |
| Band26 | 5MHz | 16QAM | 26915 | 25RB#0 | 21.26 | PASS |
| Band26 | 5MHz | 16QAM | 27015 | 1RB#0 | 22.43 | PASS |
| Band26 | 5MHz | 16QAM | 27015 | 1RB#12 | 22.29 | PASS |
| Band26 | 5MHz | 16QAM | 27015 | 1RB#24 | 22.30 | PASS |
| Band26 | 5MHz | 16QAM | 27015 | 12RB#13 | 21.20 | PASS |
| Band26 | 5MHz | 16QAM | 27015 | 12RB#0 | 21.23 | PASS |
| Band26 | 5MHz | 16QAM | 27015 | 12RB#6 | 21.33 | PASS |
| Band26 | 5MHz | 16QAM | 27015 | 25RB#0 | 21.18 | 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.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



| | | | | | | |
|--------|-------|-------|-------|---------|-------|------|
| Band26 | 10MHz | QPSK | 26840 | 1RB#0 | 23.36 | PASS |
| Band26 | 10MHz | QPSK | 26840 | 1RB#49 | 23.12 | PASS |
| Band26 | 10MHz | QPSK | 26840 | 1RB#24 | 23.03 | PASS |
| Band26 | 10MHz | QPSK | 26840 | 25RB#0 | 22.34 | PASS |
| Band26 | 10MHz | QPSK | 26840 | 25RB#12 | 22.36 | PASS |
| Band26 | 10MHz | QPSK | 26840 | 25RB#25 | 22.29 | PASS |
| Band26 | 10MHz | QPSK | 26840 | 50RB#0 | 22.35 | PASS |
| Band26 | 10MHz | QPSK | 26915 | 1RB#49 | 23.13 | PASS |
| Band26 | 10MHz | QPSK | 26915 | 1RB#0 | 23.35 | PASS |
| Band26 | 10MHz | QPSK | 26915 | 1RB#24 | 23.15 | PASS |
| Band26 | 10MHz | QPSK | 26915 | 25RB#0 | 22.27 | PASS |
| Band26 | 10MHz | QPSK | 26915 | 25RB#12 | 22.33 | PASS |
| Band26 | 10MHz | QPSK | 26915 | 25RB#25 | 22.29 | PASS |
| Band26 | 10MHz | QPSK | 26915 | 50RB#0 | 22.29 | PASS |
| Band26 | 10MHz | QPSK | 26990 | 1RB#49 | 23.05 | PASS |
| Band26 | 10MHz | QPSK | 26990 | 1RB#0 | 23.30 | PASS |
| Band26 | 10MHz | QPSK | 26990 | 1RB#24 | 23.00 | PASS |
| Band26 | 10MHz | QPSK | 26990 | 25RB#25 | 22.24 | PASS |
| Band26 | 10MHz | QPSK | 26990 | 25RB#12 | 22.30 | PASS |
| Band26 | 10MHz | QPSK | 26990 | 25RB#0 | 22.23 | PASS |
| Band26 | 10MHz | QPSK | 26990 | 50RB#0 | 22.26 | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 1RB#49 | 22.61 | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 1RB#24 | 22.49 | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 1RB#0 | 22.56 | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 25RB#25 | 21.34 | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 25RB#12 | 21.38 | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 25RB#0 | 21.33 | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 50RB#0 | 21.35 | PASS |
| Band26 | 10MHz | 16QAM | 26915 | 1RB#0 | 22.74 | PASS |
| Band26 | 10MHz | 16QAM | 26915 | 1RB#24 | 22.56 | PASS |
| Band26 | 10MHz | 16QAM | 26915 | 1RB#49 | 22.45 | PASS |
| Band26 | 10MHz | 16QAM | 26915 | 25RB#0 | 21.37 | PASS |
| Band26 | 10MHz | 16QAM | 26915 | 25RB#25 | 21.32 | 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.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



| | | | | | | |
|--------|-------|-------|-------|---------|-------|------|
| Band26 | 10MHz | 16QAM | 26915 | 25RB#12 | 21.38 | PASS |
| Band26 | 10MHz | 16QAM | 26915 | 50RB#0 | 21.33 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 1RB#0 | 22.63 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 1RB#49 | 22.19 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 1RB#24 | 22.35 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 25RB#0 | 21.28 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 25RB#12 | 21.29 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 25RB#25 | 21.23 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 50RB#0 | 21.26 | PASS |
| Band26 | 15MHz | QPSK | 26865 | 1RB#74 | 23.28 | PASS |
| Band26 | 15MHz | QPSK | 26865 | 1RB#38 | 23.30 | PASS |
| Band26 | 15MHz | QPSK | 26865 | 1RB#0 | 23.45 | PASS |
| Band26 | 15MHz | QPSK | 26865 | 36RB#39 | 22.39 | PASS |
| Band26 | 15MHz | QPSK | 26865 | 36RB#18 | 22.47 | PASS |
| Band26 | 15MHz | QPSK | 26865 | 36RB#0 | 22.49 | PASS |
| Band26 | 15MHz | QPSK | 26865 | 75RB#0 | 22.44 | PASS |
| Band26 | 15MHz | QPSK | 26915 | 1RB#38 | 23.27 | PASS |
| Band26 | 15MHz | QPSK | 26915 | 1RB#0 | 23.43 | PASS |
| Band26 | 15MHz | QPSK | 26915 | 1RB#74 | 23.30 | PASS |
| Band26 | 15MHz | QPSK | 26915 | 36RB#39 | 22.34 | PASS |
| Band26 | 15MHz | QPSK | 26915 | 36RB#0 | 22.40 | PASS |
| Band26 | 15MHz | QPSK | 26915 | 36RB#18 | 22.44 | PASS |
| Band26 | 15MHz | QPSK | 26915 | 75RB#0 | 22.37 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 1RB#74 | 23.15 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 1RB#0 | 23.46 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 1RB#38 | 23.25 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 36RB#18 | 22.38 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 36RB#39 | 22.27 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 36RB#0 | 22.39 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 75RB#0 | 22.34 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 1RB#38 | 22.61 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 1RB#74 | 22.62 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 1RB#0 | 22.94 | 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 / 深圳分公司 / 实验室

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

| | | | | | | |
|--------|-------|-------|-------|---------|-------|------|
| Band26 | 15MHz | 16QAM | 26865 | 36RB#0 | 21.50 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 36RB#18 | 21.49 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 36RB#39 | 21.44 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | 21.49 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 1RB#38 | 22.65 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 1RB#74 | 22.64 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 1RB#0 | 22.83 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 36RB#18 | 21.48 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 36RB#0 | 21.51 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 36RB#39 | 21.41 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | 21.46 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 1RB#74 | 22.34 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 1RB#38 | 22.61 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 1RB#0 | 22.84 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 36RB#39 | 21.33 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 36RB#18 | 21.46 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 36RB#0 | 21.40 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | 21.43 | PASS |

Remark:

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

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

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



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

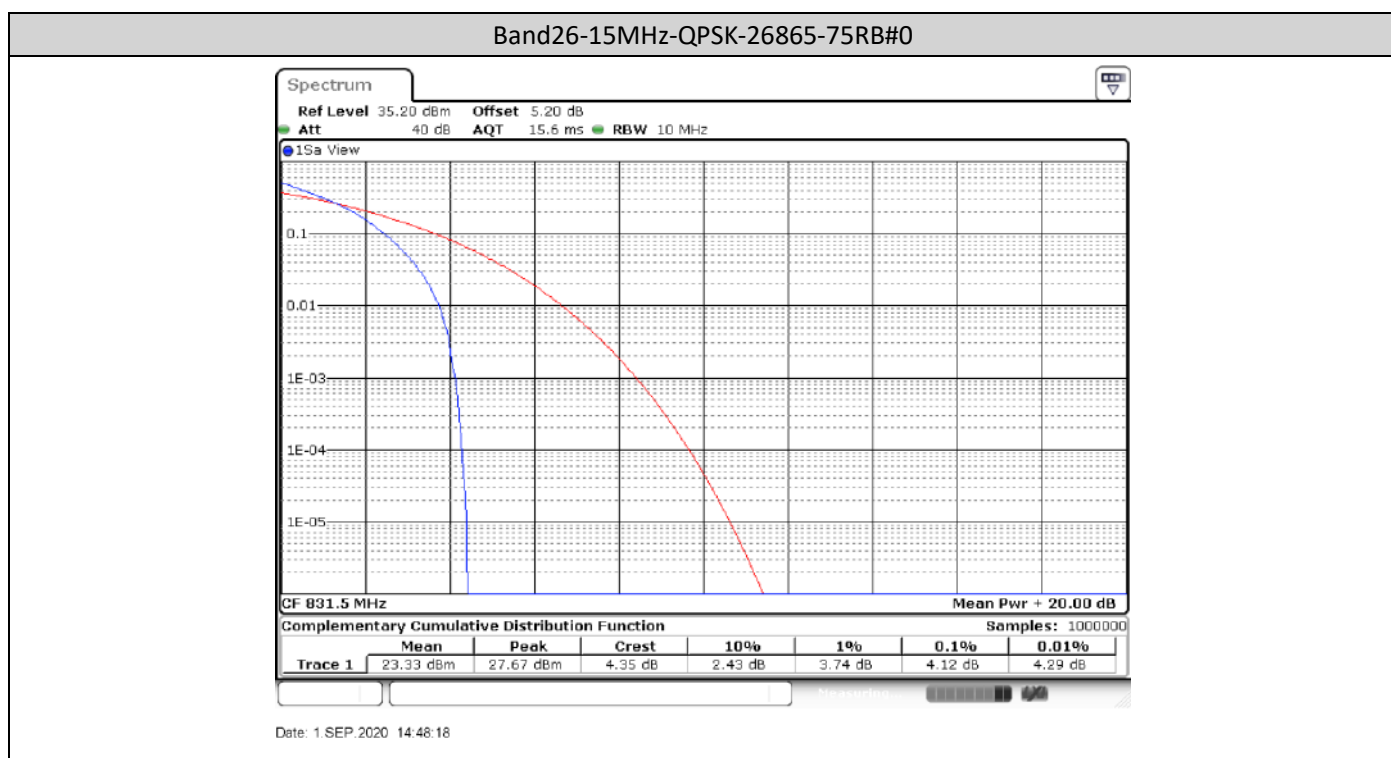


2. Peak-to-Average Ratio (CCDF)

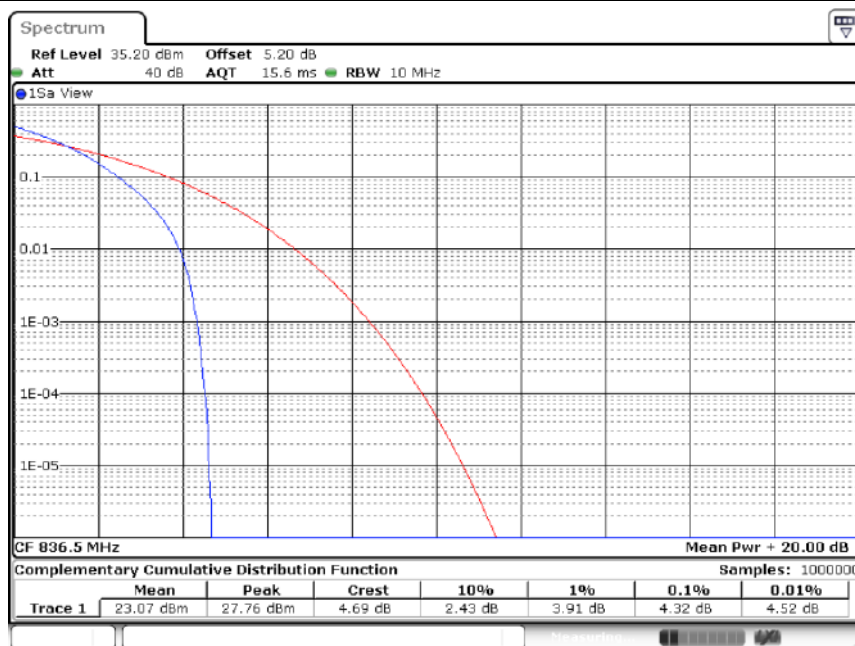
2.1. Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band26 | 15MHz | QPSK | 26865 | 75RB#0 | 4.12 | 13 | PASS |
| Band26 | 15MHz | QPSK | 26915 | 75RB#0 | 4.32 | 13 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 75RB#0 | 4.35 | 13 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | 5.51 | 13 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | 5.65 | 13 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | 5.65 | 13 | PASS |

2.2. Test Plots

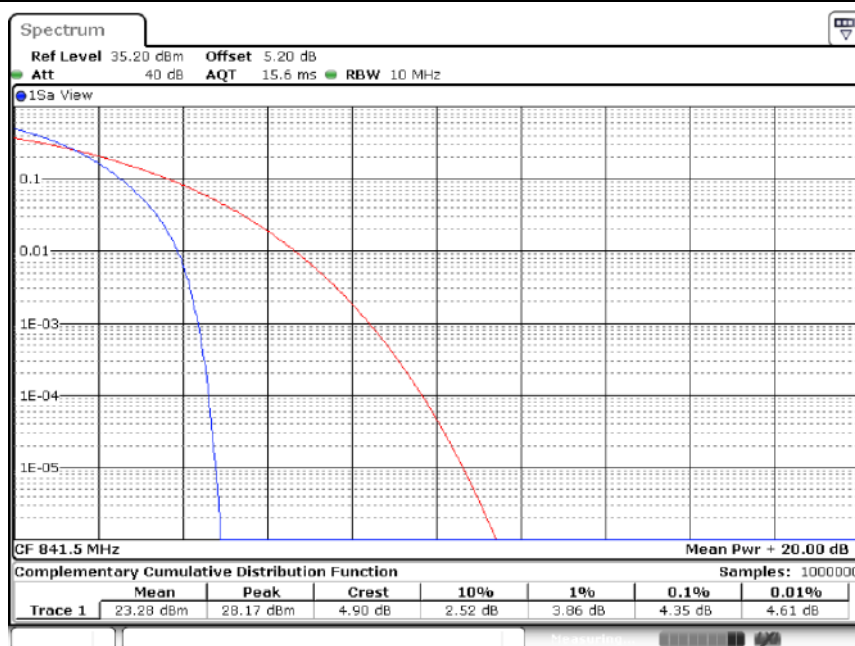


Band26-15MHz-QPSK-26915-75RB#0



Date: 1 SEP 2020 14:48:41

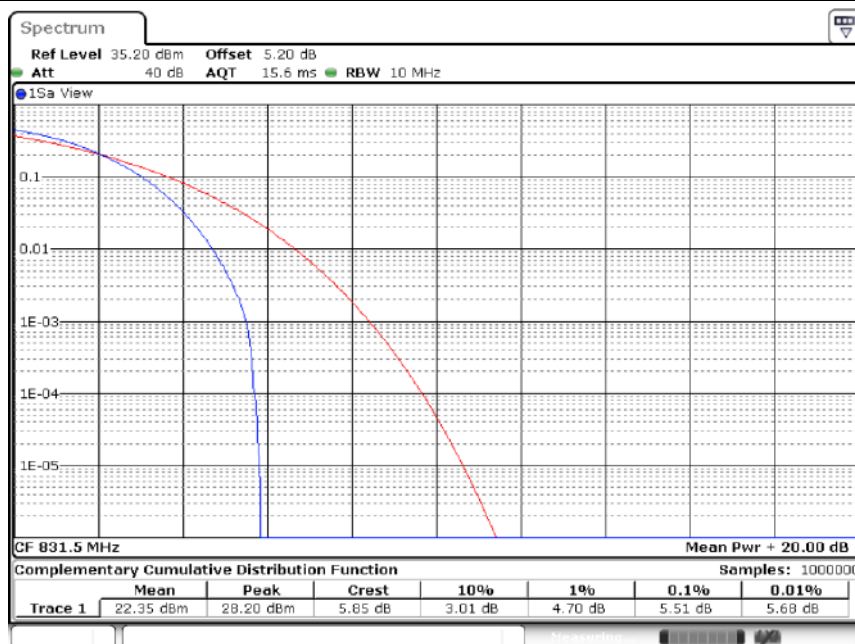
Band26-15MHz-QPSK-26965-75RB#0



Date: 1 SEP 2020 14:49:04

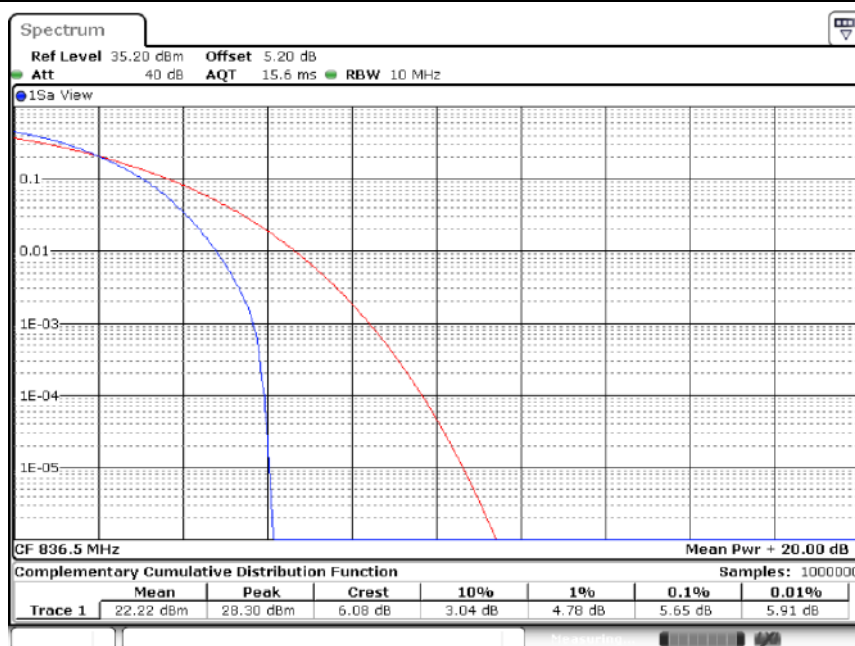


Band26-15MHz-16QAM-26865-75RB#0



Date: 1 SEP 2020 14:48:30

Band26-15MHz-16QAM-26915-75RB#0



Date: 1 SEP 2020 14:48:52



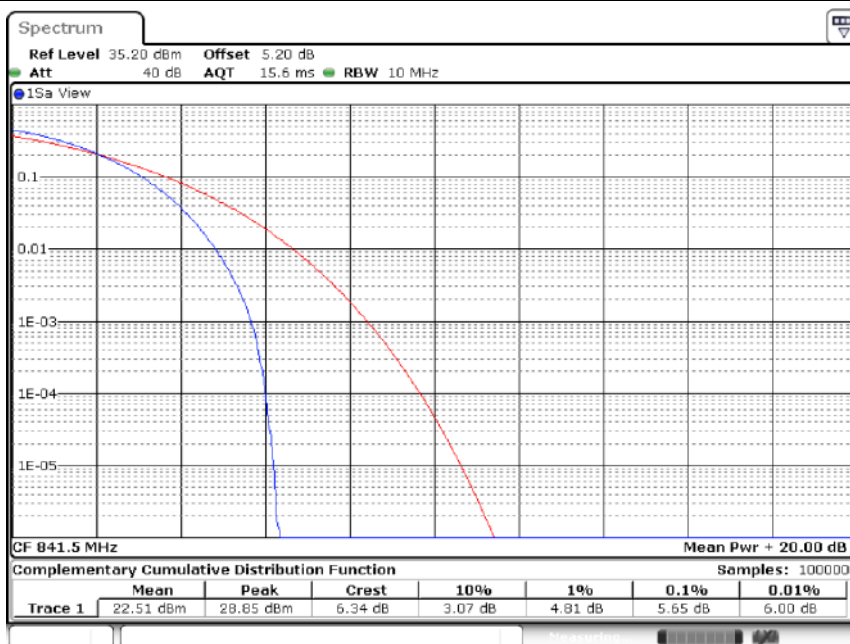
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

Member of the SGS Group (SGS SA)

Band26-15MHz-16QAM-26965-75RB#0



Date: 1.SEP.2020 14:48:15



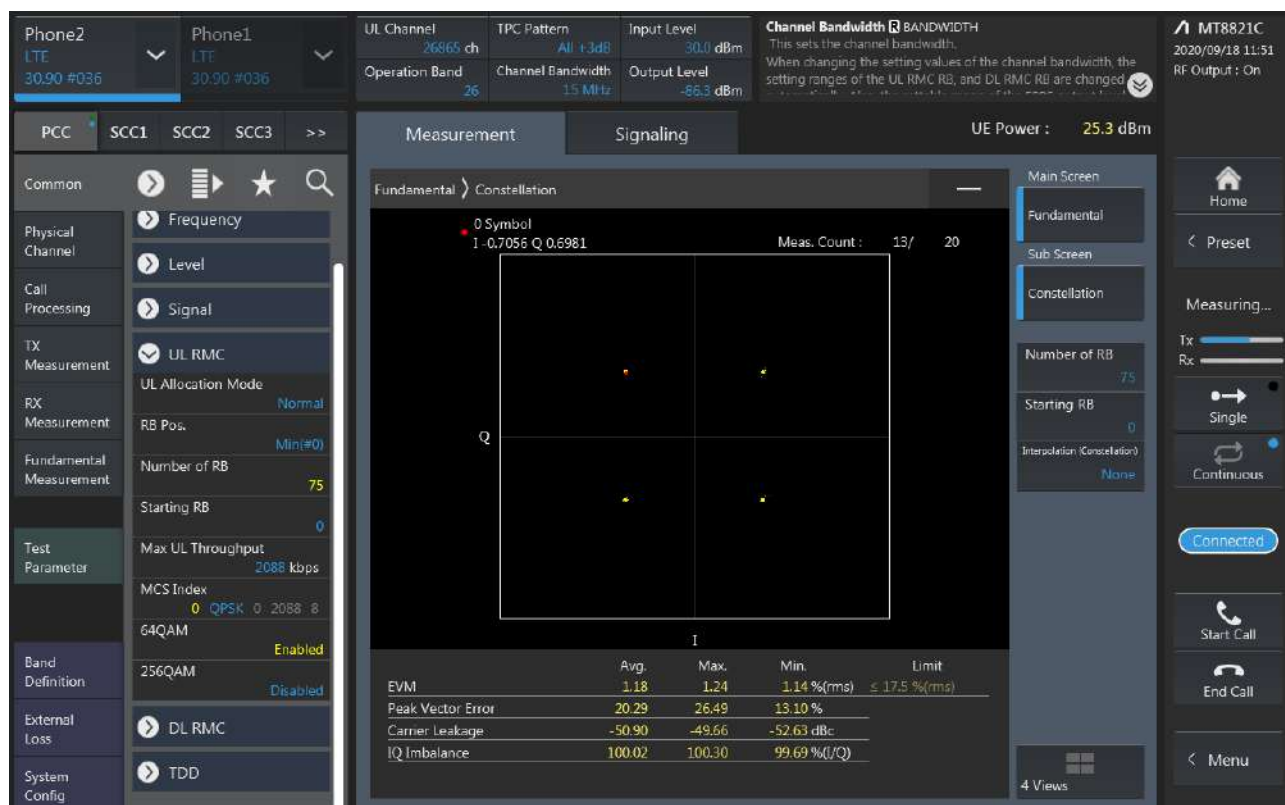
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

3. Modulation Characteristics

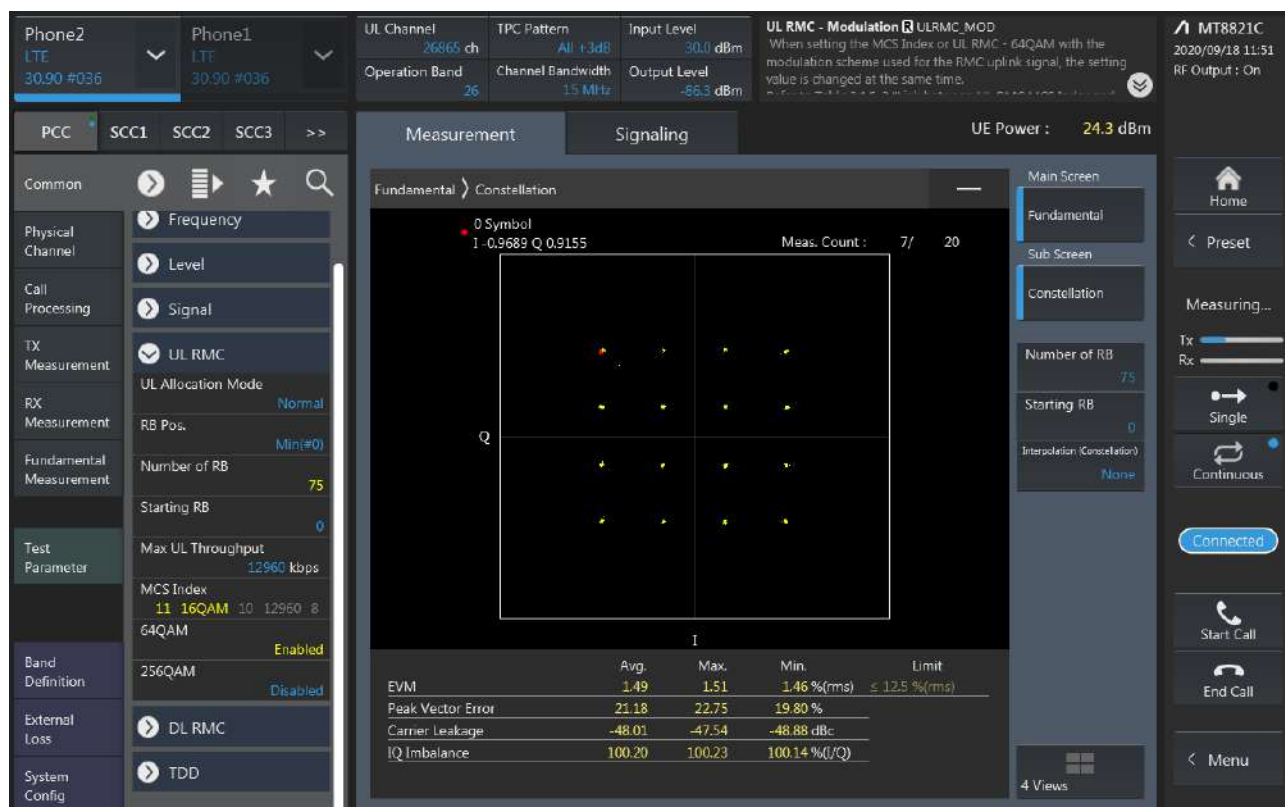
3.1. Test Mode = LTE /TM1 15MHz

3.1.1.Test Channel = MCH



3.2. Test Mode = LTE /TM2 15MHz

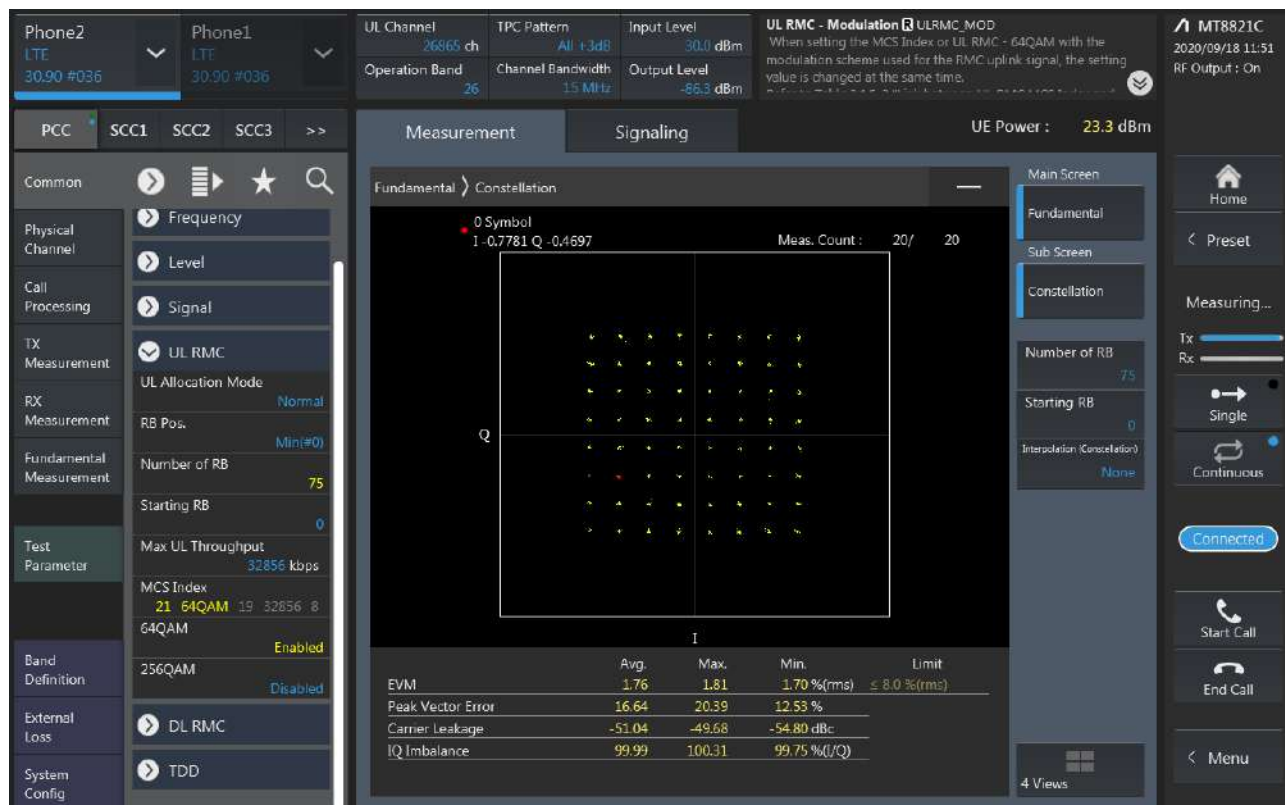
3.2.1. Test Channel = MCH





3.3. Test Mode = LTE /TM3 15MHz

3.3.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band26 | 1.4MHz | QPSK | 26797 | 6RB#0 | 1.091 | 1.290 | PASS |
| Band26 | 1.4MHz | QPSK | 26915 | 6RB#0 | 1.091 | 1.284 | PASS |
| Band26 | 1.4MHz | QPSK | 27033 | 6RB#0 | 1.091 | 1.293 | PASS |
| Band26 | 1.4MHz | 16QAM | 26797 | 6RB#0 | 1.091 | 1.281 | PASS |
| Band26 | 1.4MHz | 16QAM | 26915 | 6RB#0 | 1.091 | 1.290 | PASS |
| Band26 | 1.4MHz | 16QAM | 27033 | 6RB#0 | 1.091 | 1.299 | PASS |
| Band26 | 3MHz | QPSK | 26805 | 15RB#0 | 2.697 | 2.988 | PASS |
| Band26 | 3MHz | QPSK | 26915 | 15RB#0 | 2.691 | 2.988 | PASS |
| Band26 | 3MHz | QPSK | 27025 | 15RB#0 | 2.697 | 2.994 | PASS |
| Band26 | 3MHz | 16QAM | 26805 | 15RB#0 | 2.685 | 2.964 | PASS |
| Band26 | 3MHz | 16QAM | 26915 | 15RB#0 | 2.685 | 2.970 | PASS |
| Band26 | 3MHz | 16QAM | 27025 | 15RB#0 | 2.691 | 2.970 | PASS |
| Band26 | 5MHz | QPSK | 26815 | 25RB#0 | 4.476 | 4.920 | PASS |
| Band26 | 5MHz | QPSK | 26915 | 25RB#0 | 4.476 | 4.940 | PASS |
| Band26 | 5MHz | QPSK | 27015 | 25RB#0 | 4.476 | 4.920 | PASS |
| Band26 | 5MHz | 16QAM | 26815 | 25RB#0 | 4.486 | 4.950 | PASS |
| Band26 | 5MHz | 16QAM | 26915 | 25RB#0 | 4.476 | 4.950 | PASS |
| Band26 | 5MHz | 16QAM | 27015 | 25RB#0 | 4.486 | 4.950 | PASS |
| Band26 | 10MHz | QPSK | 26840 | 50RB#0 | 8.911 | 9.720 | PASS |
| Band26 | 10MHz | QPSK | 26915 | 50RB#0 | 8.931 | 9.720 | PASS |
| Band26 | 10MHz | QPSK | 26990 | 50RB#0 | 8.911 | 9.640 | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 50RB#0 | 8.911 | 9.740 | PASS |
| Band26 | 10MHz | 16QAM | 26915 | 50RB#0 | 8.911 | 9.720 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 50RB#0 | 8.911 | 9.720 | PASS |
| Band26 | 15MHz | QPSK | 26865 | 75RB#0 | 13.427 | 14.790 | PASS |
| Band26 | 15MHz | QPSK | 26915 | 75RB#0 | 13.427 | 14.790 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 75RB#0 | 13.427 | 14.820 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | 13.427 | 14.760 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | 13.427 | 14.790 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | 13.397 | 14.760 | 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.

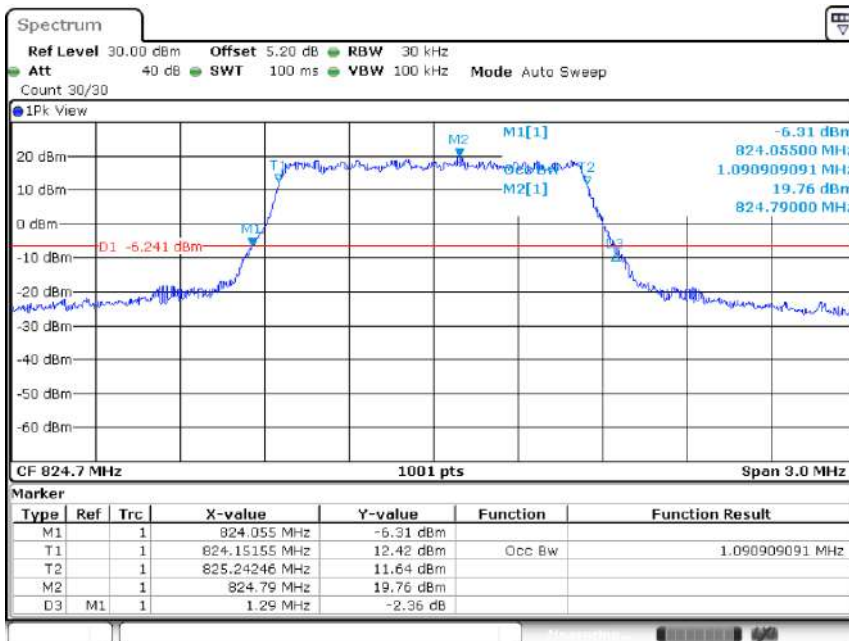
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch / 深圳分公司 / 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

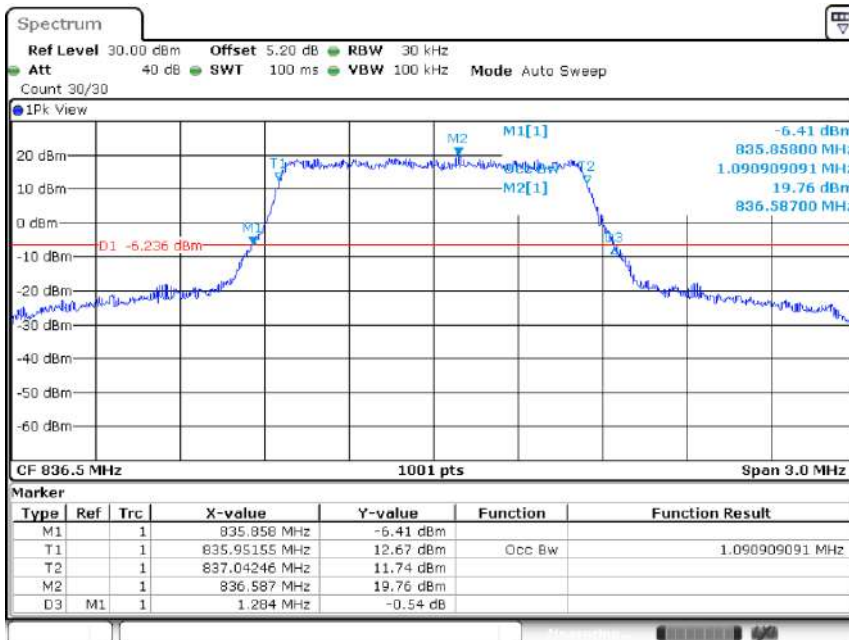
4.2. Test Plots

Band26-1.4MHz-QPSK-26797-6RB#0-1.091



Date: 1 SEP. 2020 12:12:47

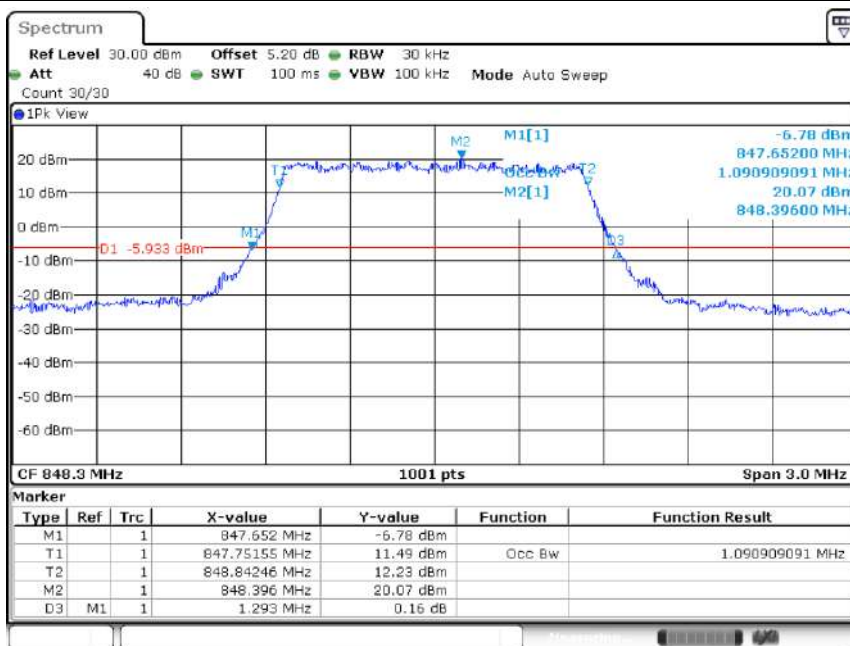
Band26-1.4MHz-QPSK-26915-6RB#0-1.091



Date: 1 SEP. 2020 12:13:12

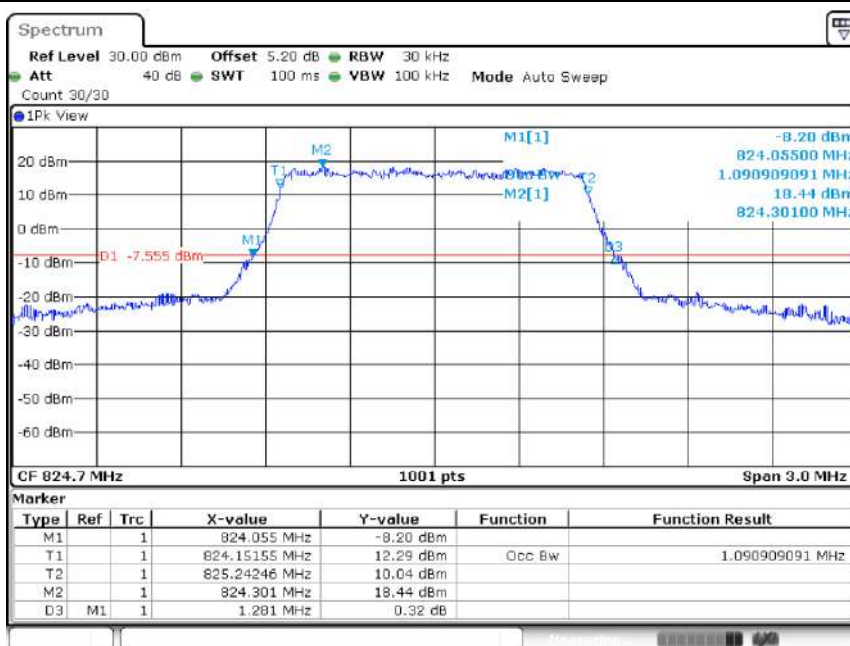


Band26-1.4MHz-QPSK-27033-6RB#0-1.091



Date: 1 SEP. 2020 12:13:38

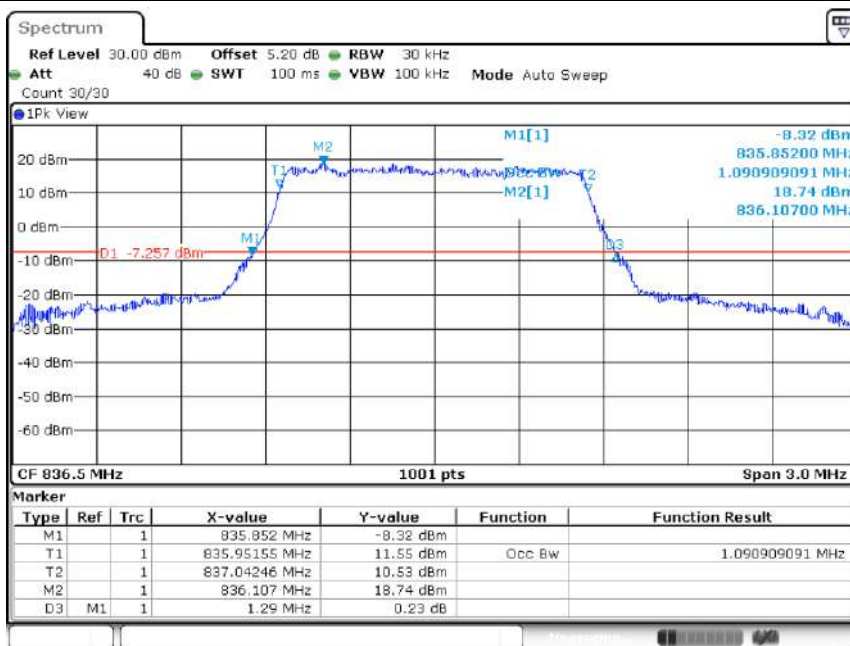
Band26-1.4MHz-16QAM-26797-6RB#0-1.091



Date: 1 SEP. 2020 12:13:00

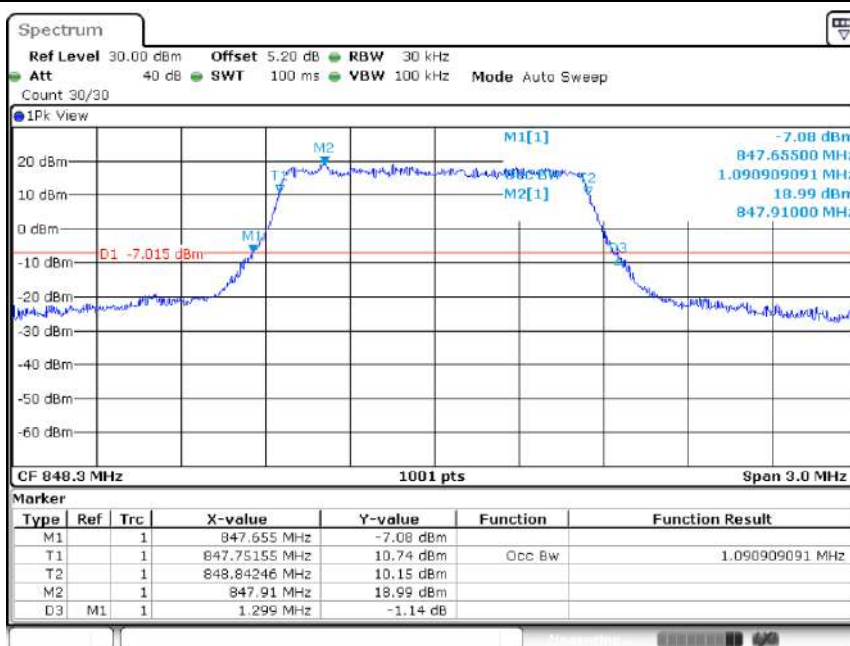


Band26-1.4MHz-16QAM-26915-6RB#0-1.091



Date: 1 SEP. 2020 12:13:25

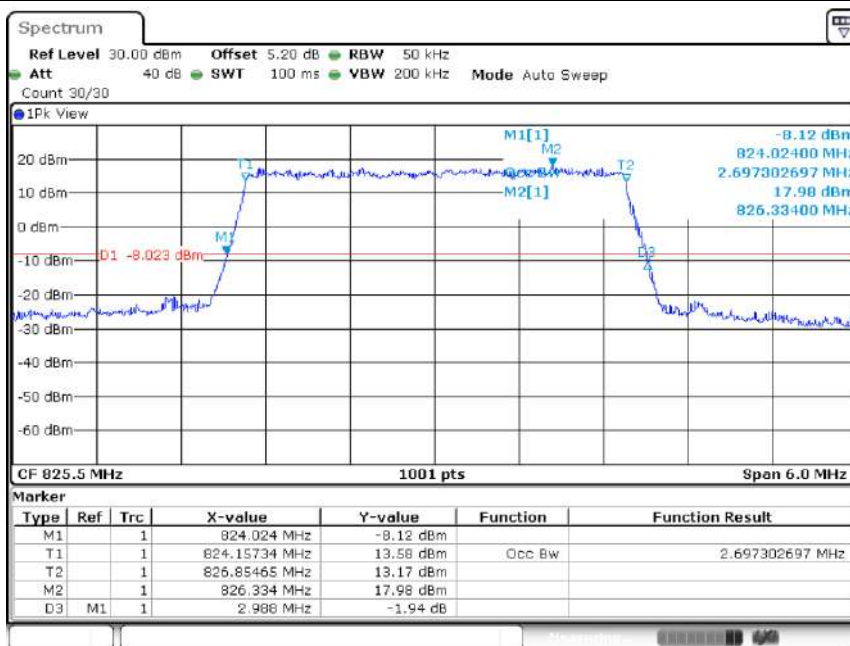
Band26-1.4MHz-16QAM-27033-6RB#0-1.091



Date: 1 SEP. 2020 12:13:51

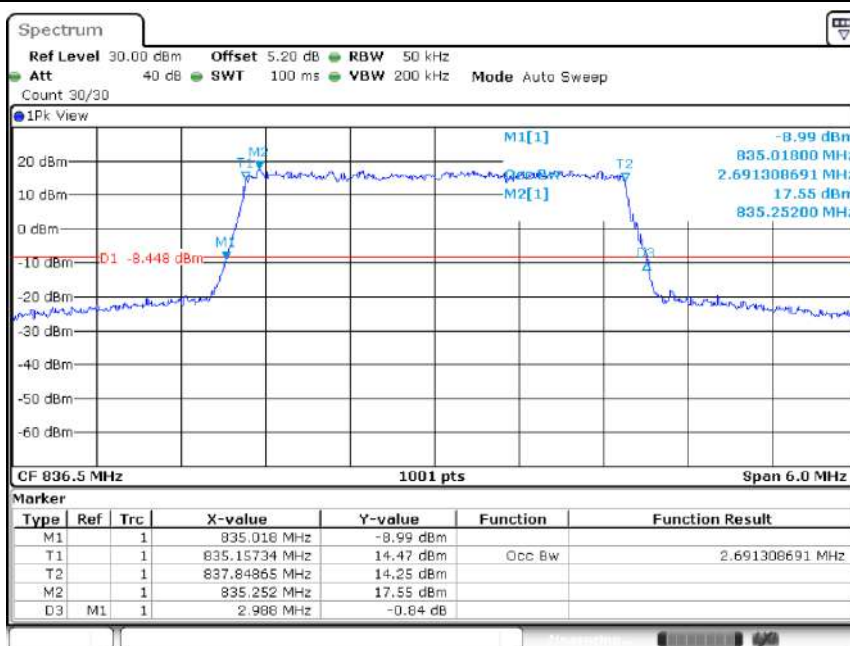


Band26-3MHz-QPSK-26805-15RB#0-2.697



Date: 1 SEP. 2020 12:14:08

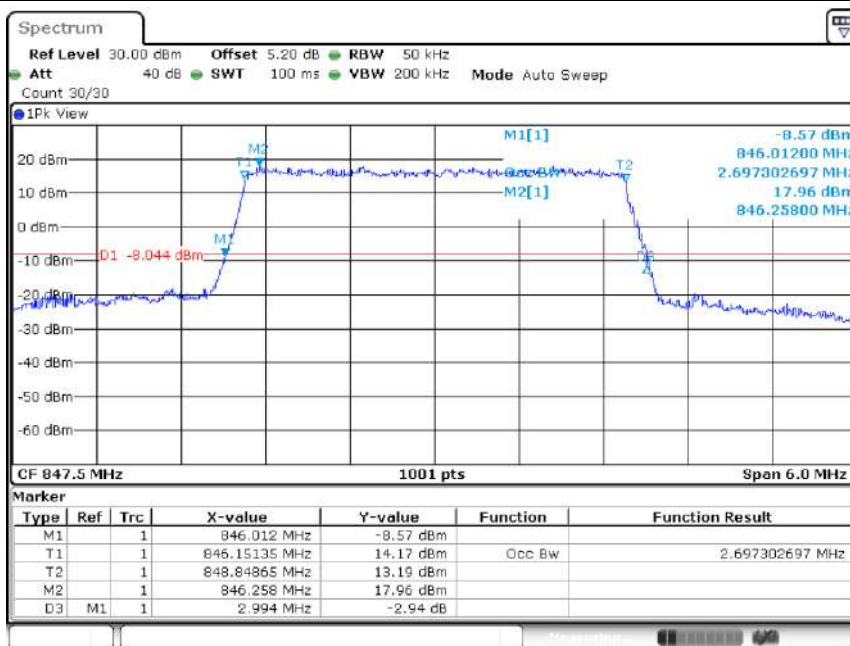
Band26-3MHz-QPSK-26915-15RB#0-2.691



Date: 1 SEP. 2020 12:14:34

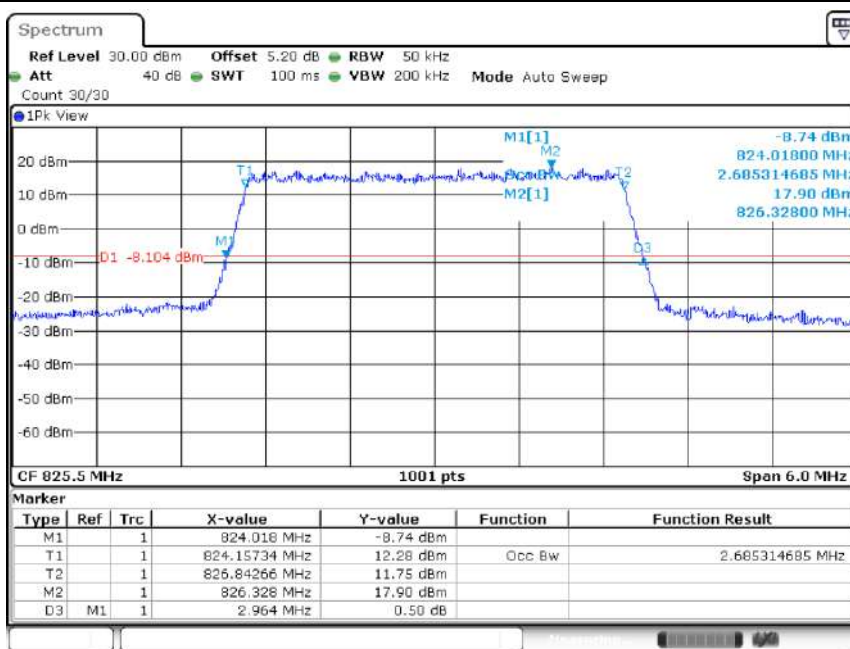


Band26-3MHz-QPSK-27025-15RB#0-2.697



Date: 1 SEP. 2020 12:14:59

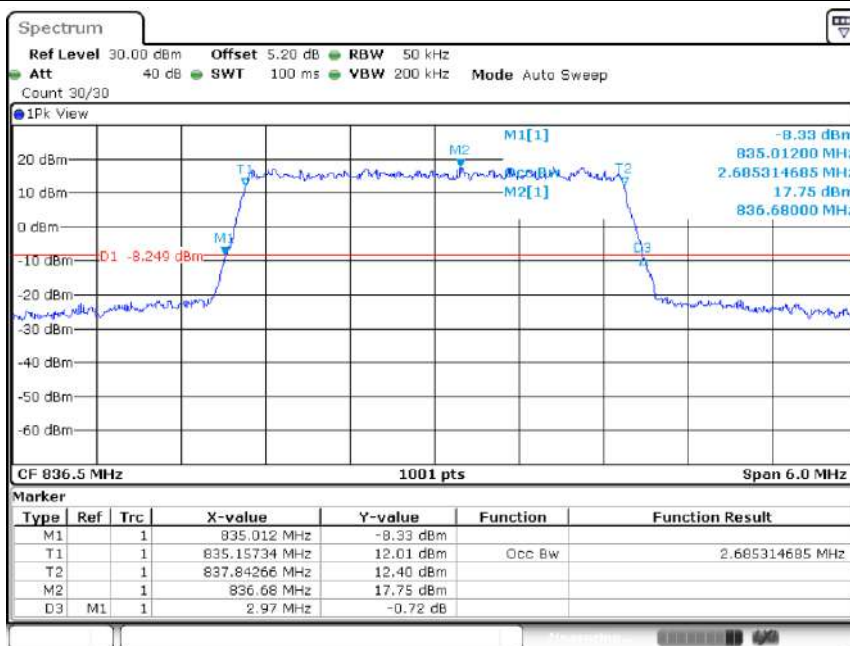
Band26-3MHz-16QAM-26805-15RB#0-2.685



Date: 1 SEP. 2020 12:14:21

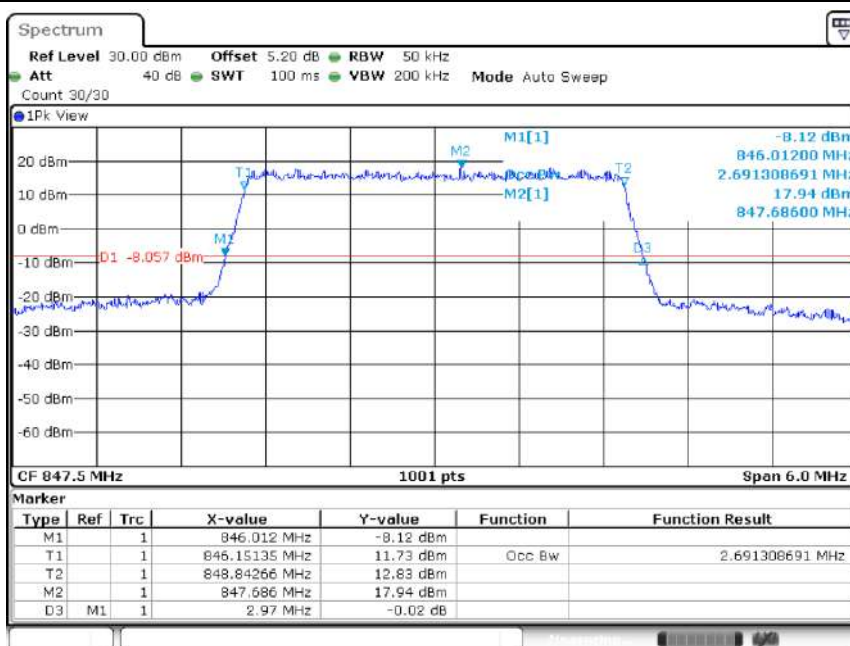


Band26-3MHz-16QAM-26915-15RB#0-2.685



Date: 1 SEP. 2020 12:14:46

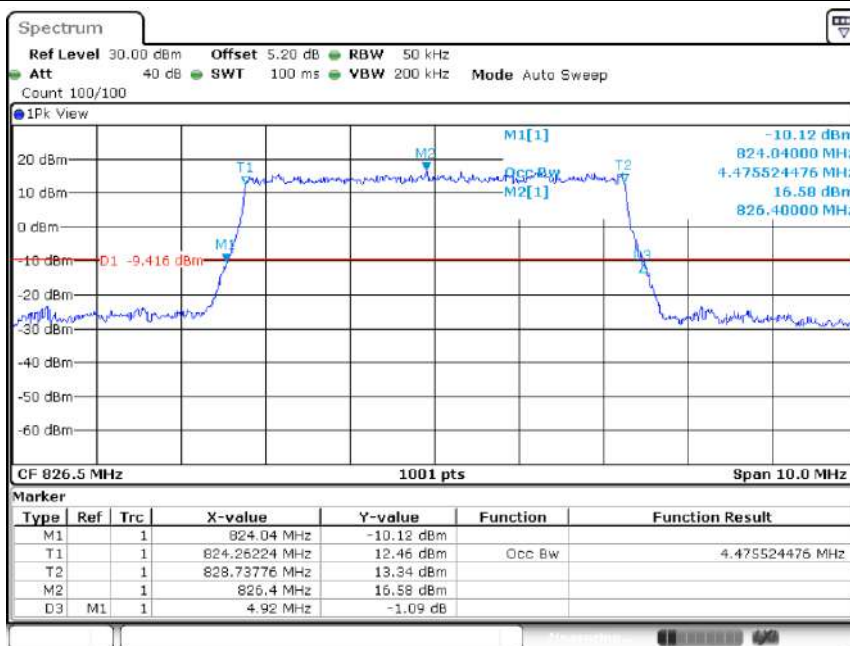
Band26-3MHz-16QAM-27025-15RB#0-2.691



Date: 1 SEP. 2020 12:15:12

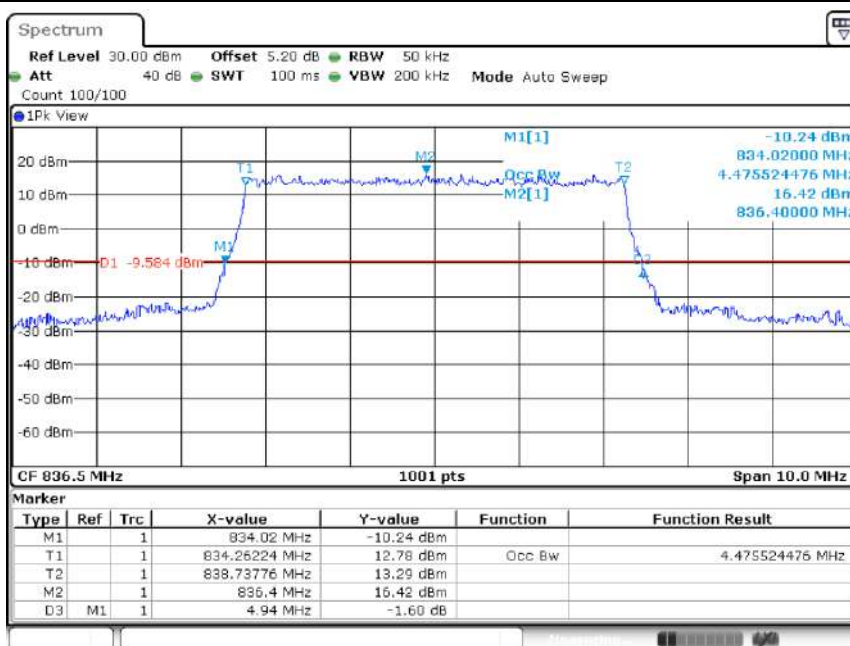


Band26-5MHz-QPSK-26815-25RB#0-4.476



Date: 1 SEP. 2020 12:15:36

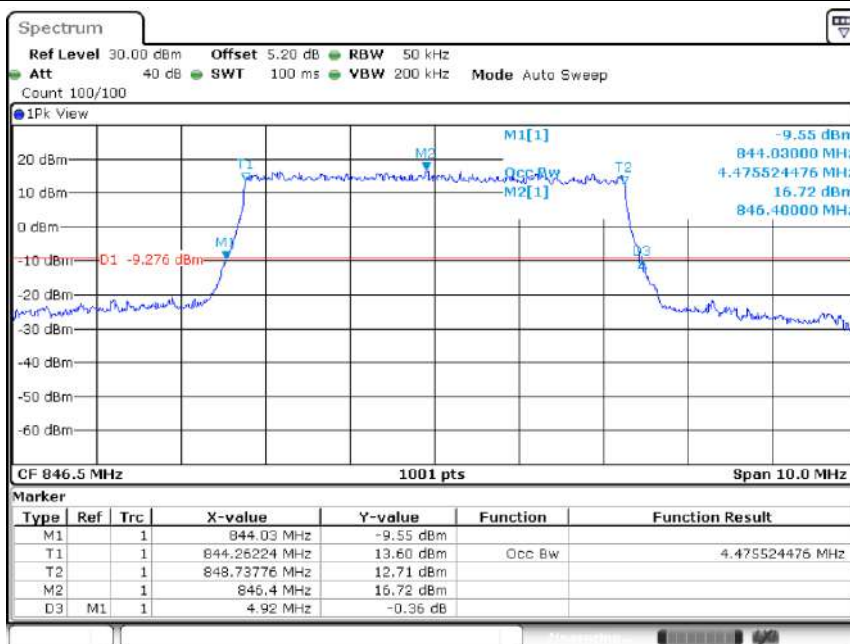
Band26-5MHz-QPSK-26915-25RB#0-4.476



Date: 1 SEP. 2020 12:16:16

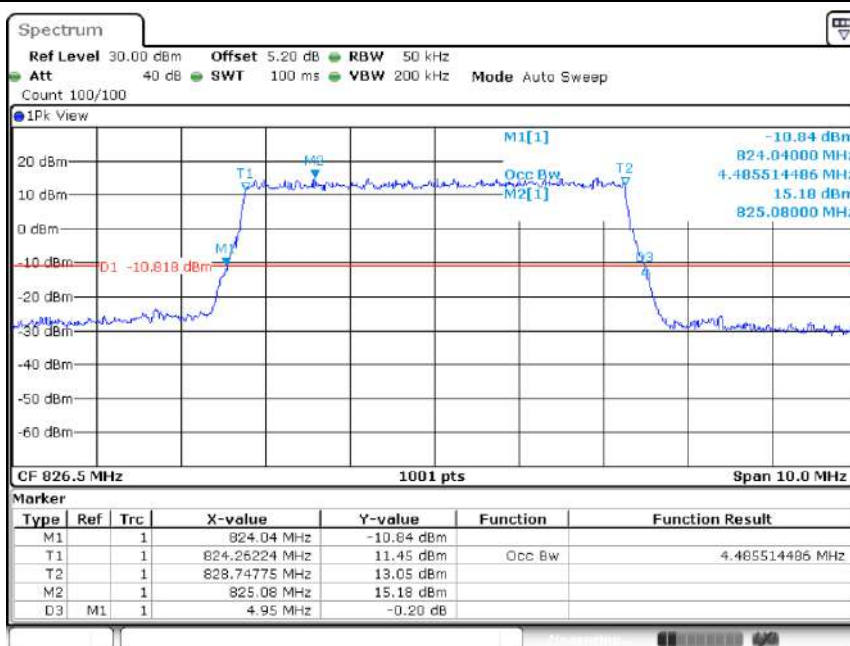


Band26-5MHz-QPSK-27015-25RB#0-4.476



Date: 1 SEP. 2020 12:16:56

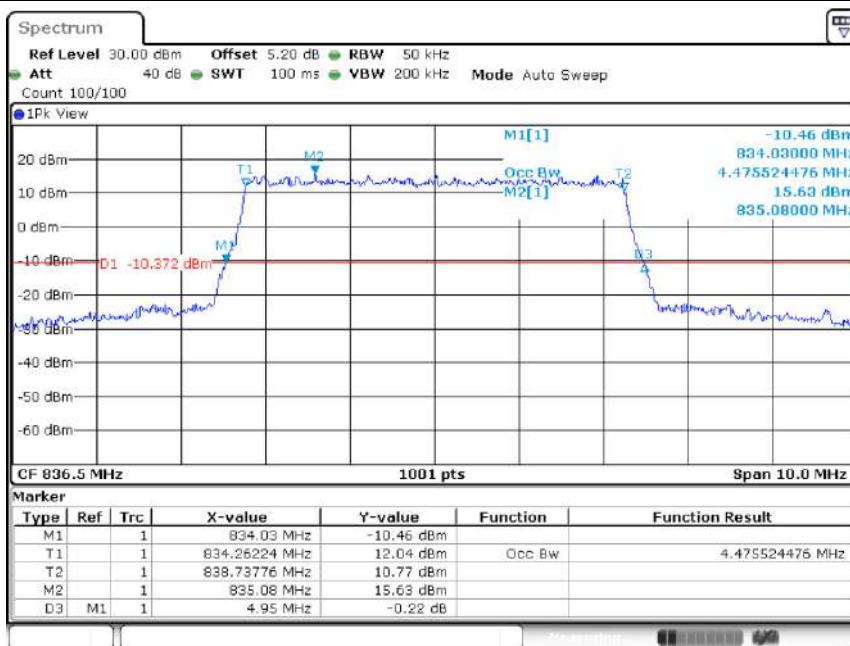
Band26-5MHz-16QAM-26815-25RB#0-4.486



Date: 1 SEP. 2020 12:15:56

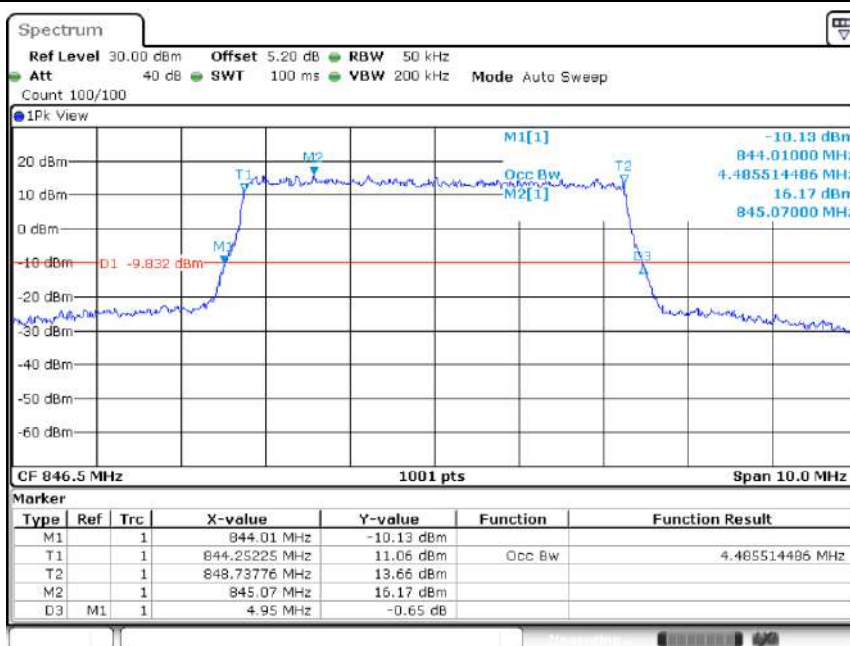


Band26-5MHz-16QAM-26915-25RB#0-4.476



Date: 1 SEP. 2020 12:16:36

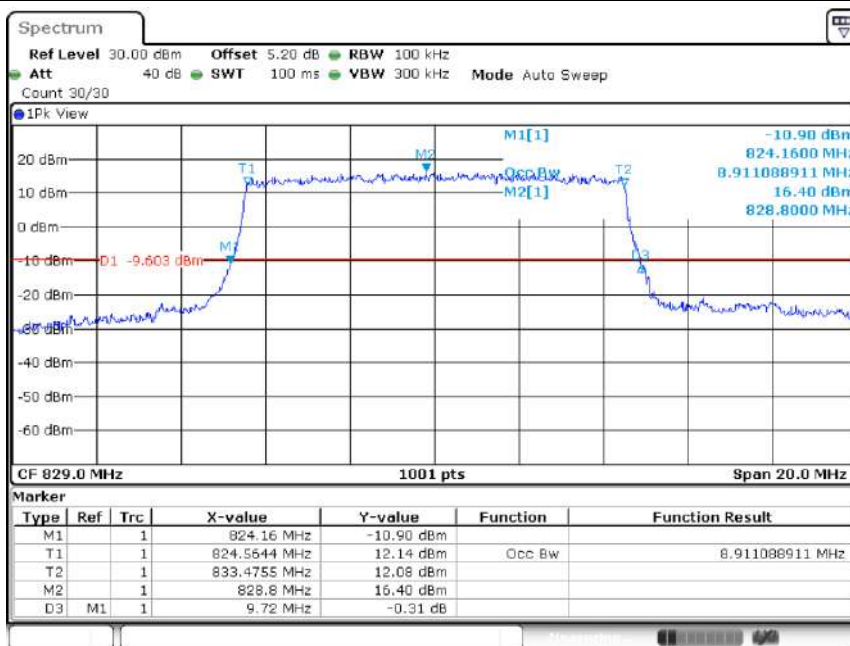
Band26-5MHz-16QAM-27015-25RB#0-4.486



Date: 1 SEP. 2020 12:17:15

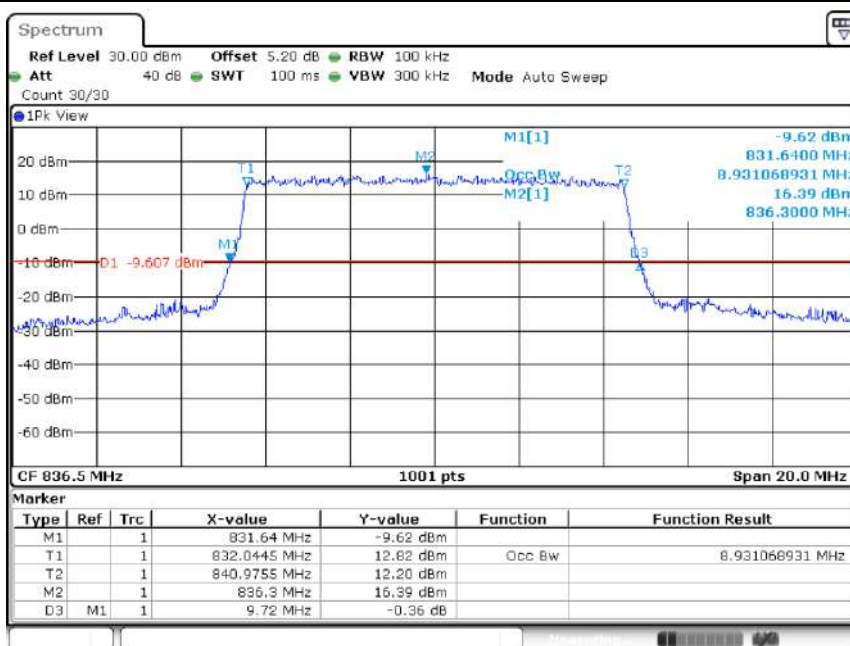


Band26-10MHz-QPSK-26840-50RB#0-8.911



Date: 1 SEP. 2020 12:17:33

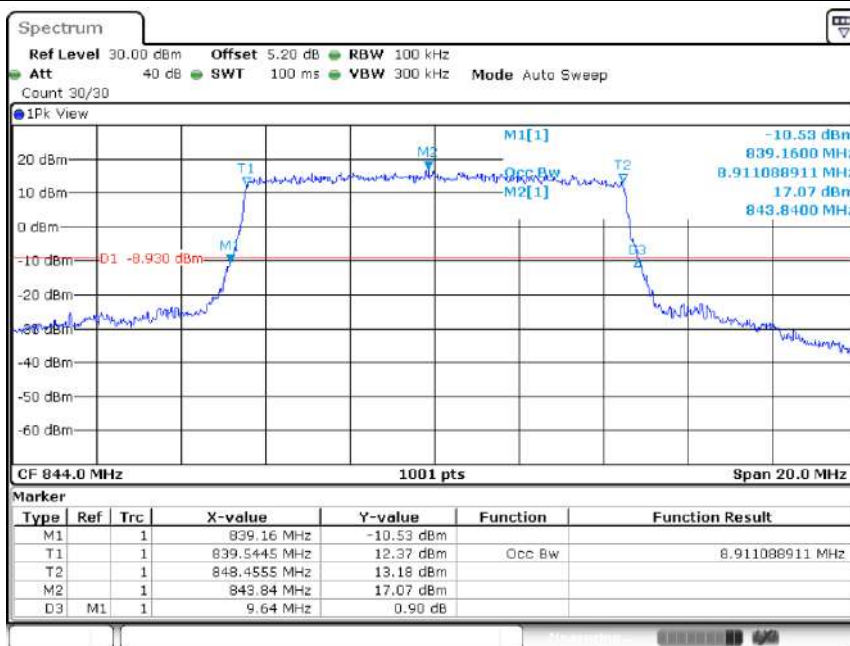
Band26-10MHz-QPSK-26915-50RB#0-8.931



Date: 1 SEP. 2020 12:17:59

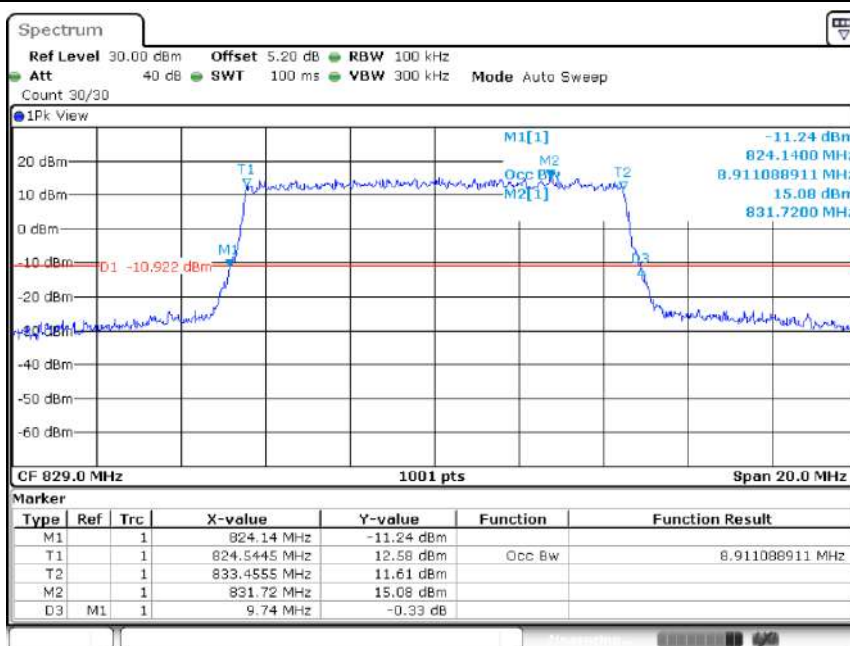


Band26-10MHz-QPSK-26990-50RB#0-8.911



Date: 1 SEP.2020 12:18:24

Band26-10MHz-16QAM-26840-50RB#0-8.911



Date: 1 SEP 2020 12:17:46

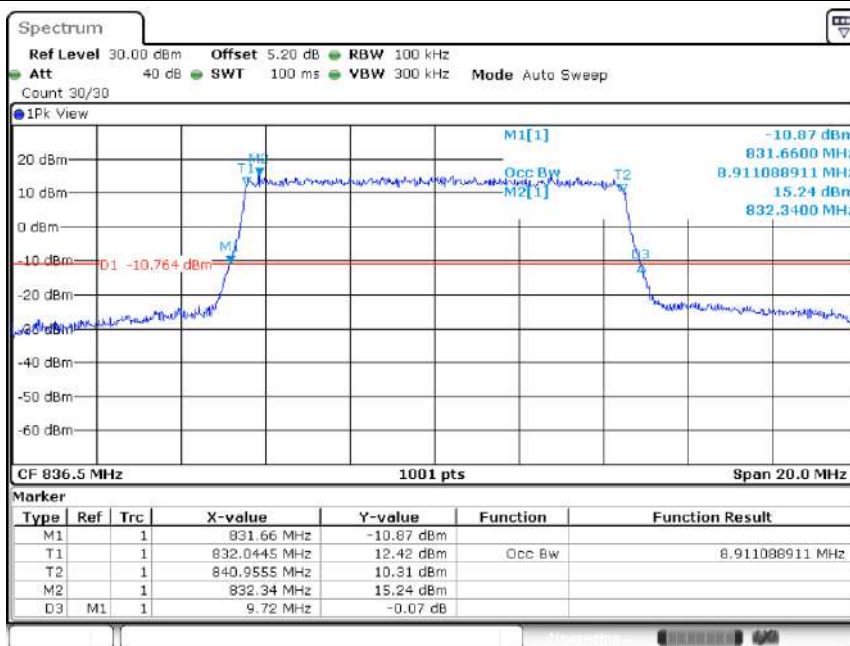


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Technical Service Engineering Laboratory

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 deemed to have accepted the Terms and Conditions of the Company and the 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 signature of this document is strictly prohibited and may result in severe civil and criminal penalties. 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.

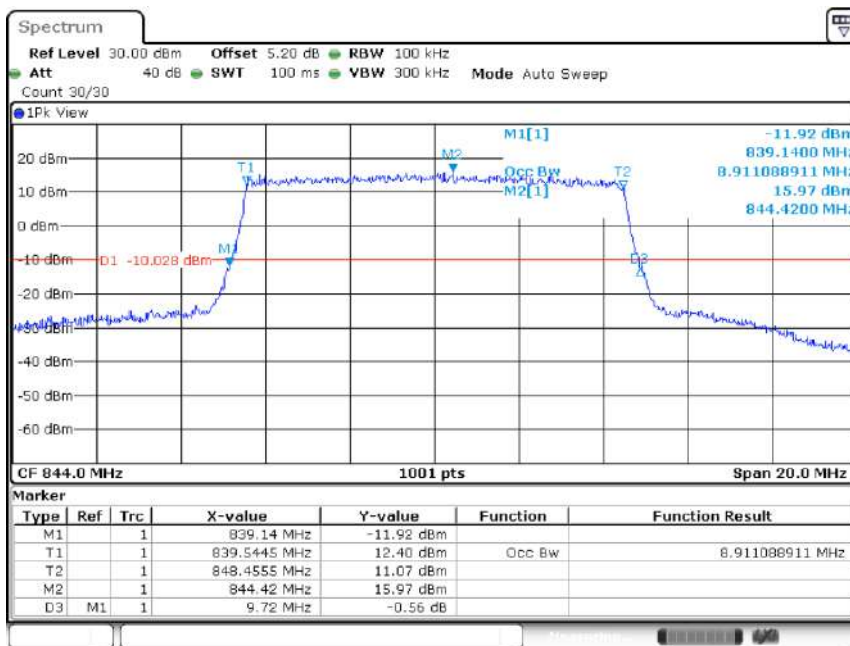
No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs-group.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band26-10MHz-16QAM-26915-50RB#0-8.911



Date: 1 SEP. 2020 12:18:11

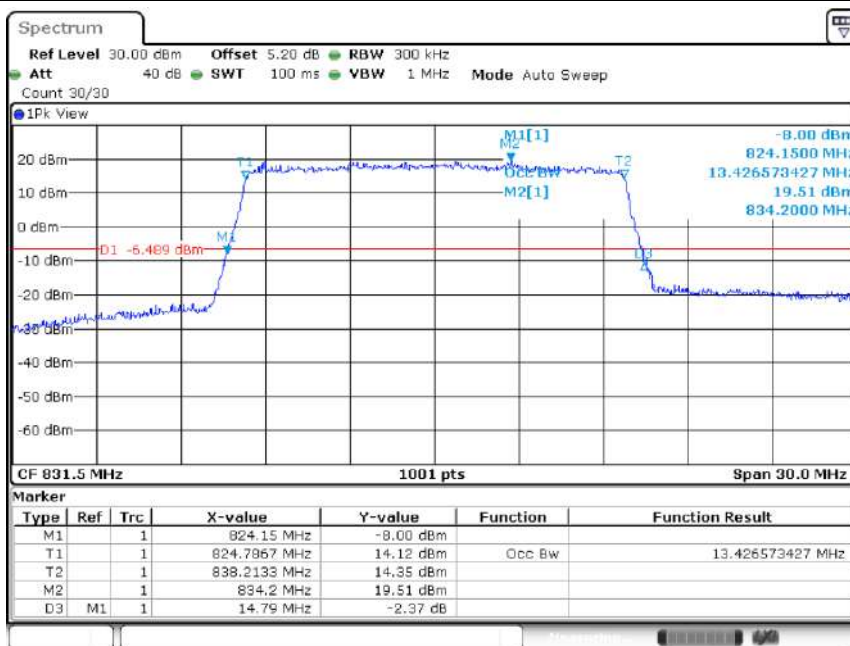
Band26-10MHz-16QAM-26990-50RB#0-8.911



Date: 1 SEP. 2020 12:18:37

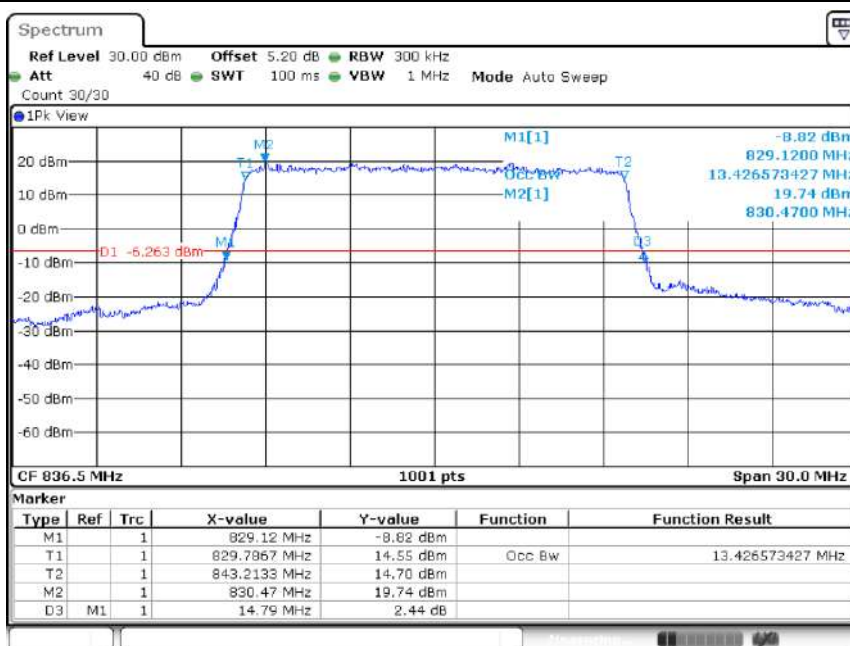


Band26-15MHz-QPSK-26865-75RB#0-13.427



Date: 1 SEP. 2020 12:32:34

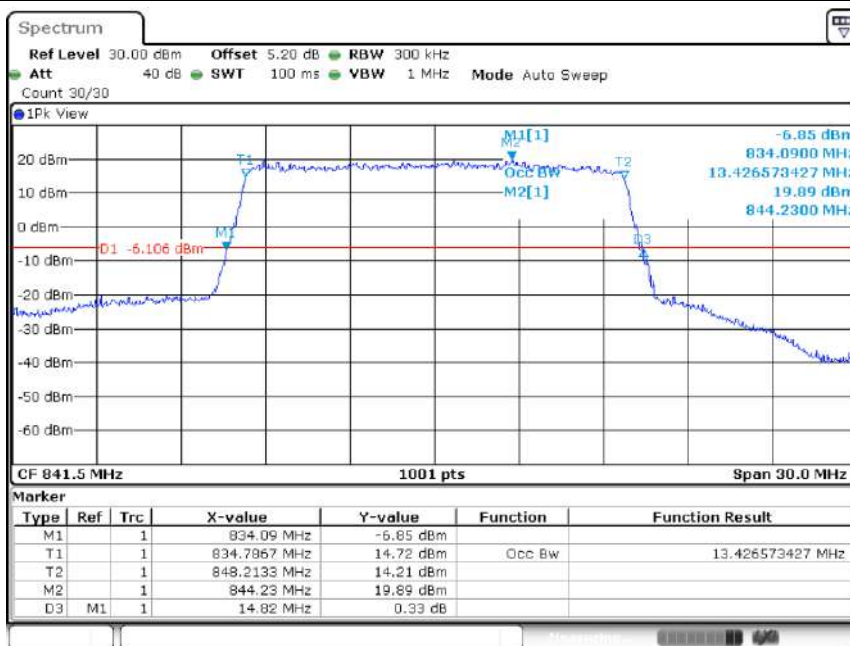
Band26-15MHz-QPSK-26915-75RB#0-13.427



Date: 1 SEP. 2020 12:32:59

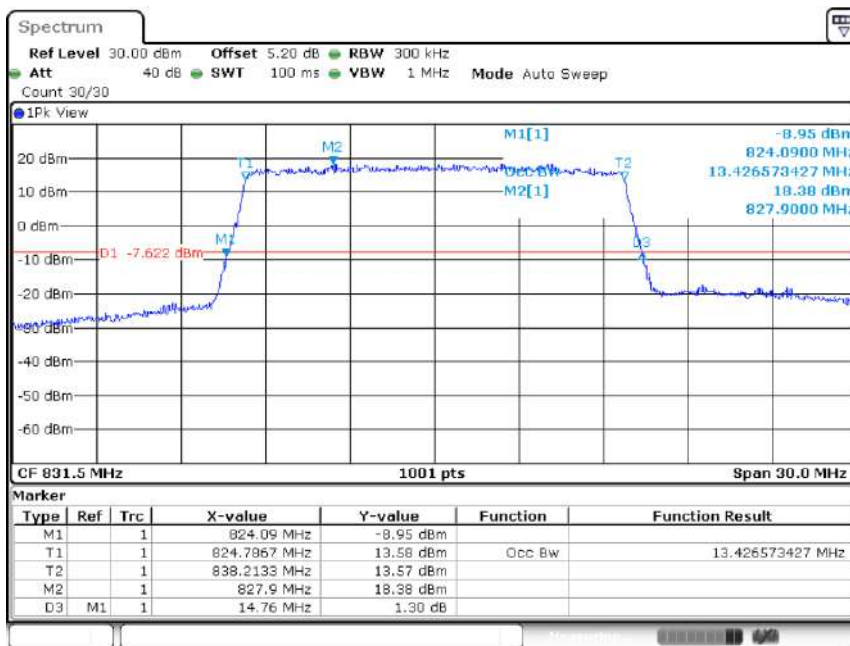


Band26-15MHz-QPSK-26965-75RB#0-13.427



Date: 1 SEP. 2020 12:33:25

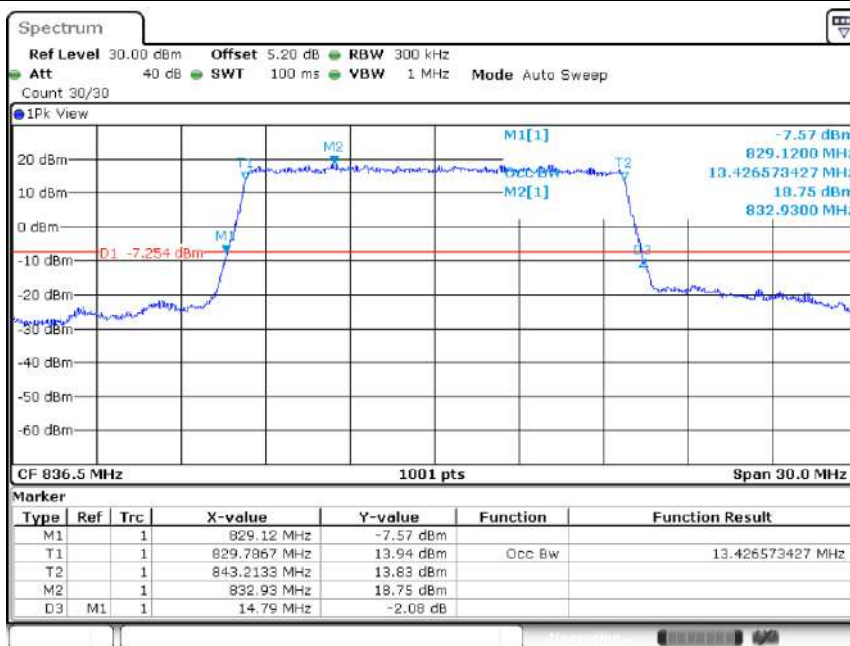
Band26-15MHz-16QAM-26865-75RB#0-13.427



Date: 1 SEP. 2020 12:32:46

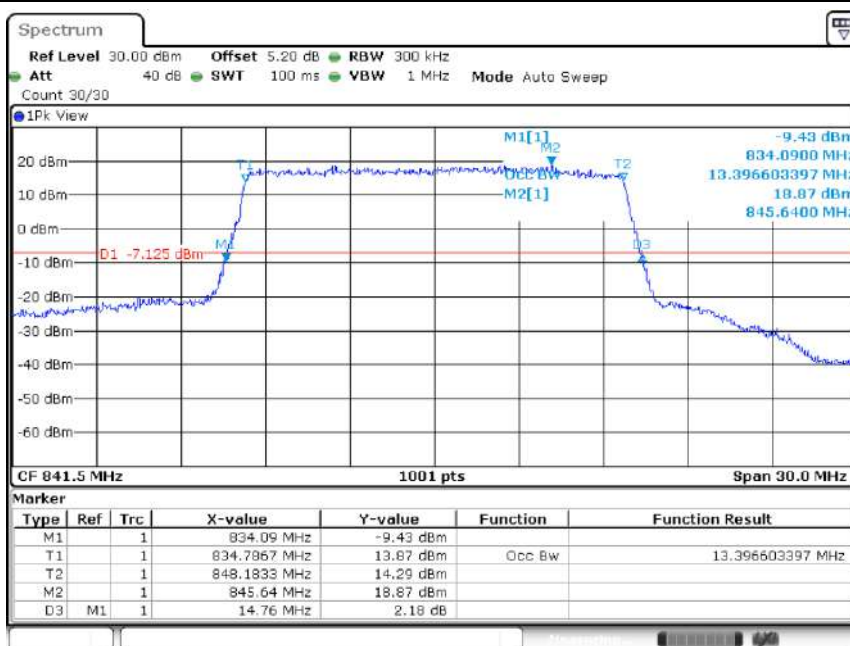


Band26-15MHz-16QAM-26915-75RB#0-13.427



Date: 1 SEP. 2020 12:33:12

Band26-15MHz-16QAM-26965-75RB#0-13.397



Date: 1 SEP. 2020 12:33:38





5. Band Edge Compliance

5.1. Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band26 | 1.4MHz | QPSK | 26797 | 1RB#0 | -18.87 | PASS |
| Band26 | 1.4MHz | QPSK | 26797 | 6RB#0 | -25.65 | PASS |
| Band26 | 1.4MHz | QPSK | 27033 | 1RB#5 | -18.45 | PASS |
| Band26 | 1.4MHz | QPSK | 27033 | 6RB#0 | -23.30 | PASS |
| Band26 | 1.4MHz | 16QAM | 26797 | 1RB#0 | -20.51 | PASS |
| Band26 | 1.4MHz | 16QAM | 26797 | 6RB#0 | -25.66 | PASS |
| Band26 | 1.4MHz | 16QAM | 27033 | 1RB#5 | -19.05 | PASS |
| Band26 | 1.4MHz | 16QAM | 27033 | 6RB#0 | -24.70 | PASS |
| Band26 | 3MHz | QPSK | 26805 | 1RB#0 | -15.55 | PASS |
| Band26 | 3MHz | QPSK | 26805 | 15RB#0 | -24.09 | PASS |
| Band26 | 3MHz | QPSK | 27025 | 1RB#14 | -15.04 | PASS |
| Band26 | 3MHz | QPSK | 27025 | 15RB#0 | -22.50 | PASS |
| Band26 | 3MHz | 16QAM | 26805 | 1RB#0 | -16.40 | PASS |
| Band26 | 3MHz | 16QAM | 26805 | 15RB#0 | -25.20 | PASS |
| Band26 | 3MHz | 16QAM | 27025 | 1RB#14 | -16.00 | PASS |
| Band26 | 3MHz | 16QAM | 27025 | 15RB#0 | -24.26 | PASS |
| Band26 | 5MHz | QPSK | 26815 | 1RB#0 | -20.10 | PASS |
| Band26 | 5MHz | QPSK | 26815 | 25RB#0 | -27.23 | PASS |
| Band26 | 5MHz | QPSK | 27015 | 1RB#24 | -20.48 | PASS |
| Band26 | 5MHz | QPSK | 27015 | 25RB#0 | -27.15 | PASS |
| Band26 | 5MHz | 16QAM | 26815 | 1RB#0 | -21.07 | PASS |
| Band26 | 5MHz | 16QAM | 26815 | 25RB#0 | -27.93 | PASS |
| Band26 | 5MHz | 16QAM | 27015 | 1RB#24 | -21.00 | PASS |
| Band26 | 5MHz | 16QAM | 27015 | 25RB#0 | -27.55 | PASS |
| Band26 | 10MHz | QPSK | 26840 | 1RB#0 | -30.43 | PASS |
| Band26 | 10MHz | QPSK | 26840 | 50RB#0 | -29.19 | PASS |
| Band26 | 10MHz | QPSK | 26990 | 1RB#49 | -30.16 | PASS |
| Band26 | 10MHz | QPSK | 26990 | 50RB#0 | -29.42 | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 1RB#0 | -30.70 | PASS |
| Band26 | 10MHz | 16QAM | 26840 | 50RB#0 | -31.20 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 1RB#49 | -32.21 | PASS |
| Band26 | 10MHz | 16QAM | 26990 | 50RB#0 | -30.78 | 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

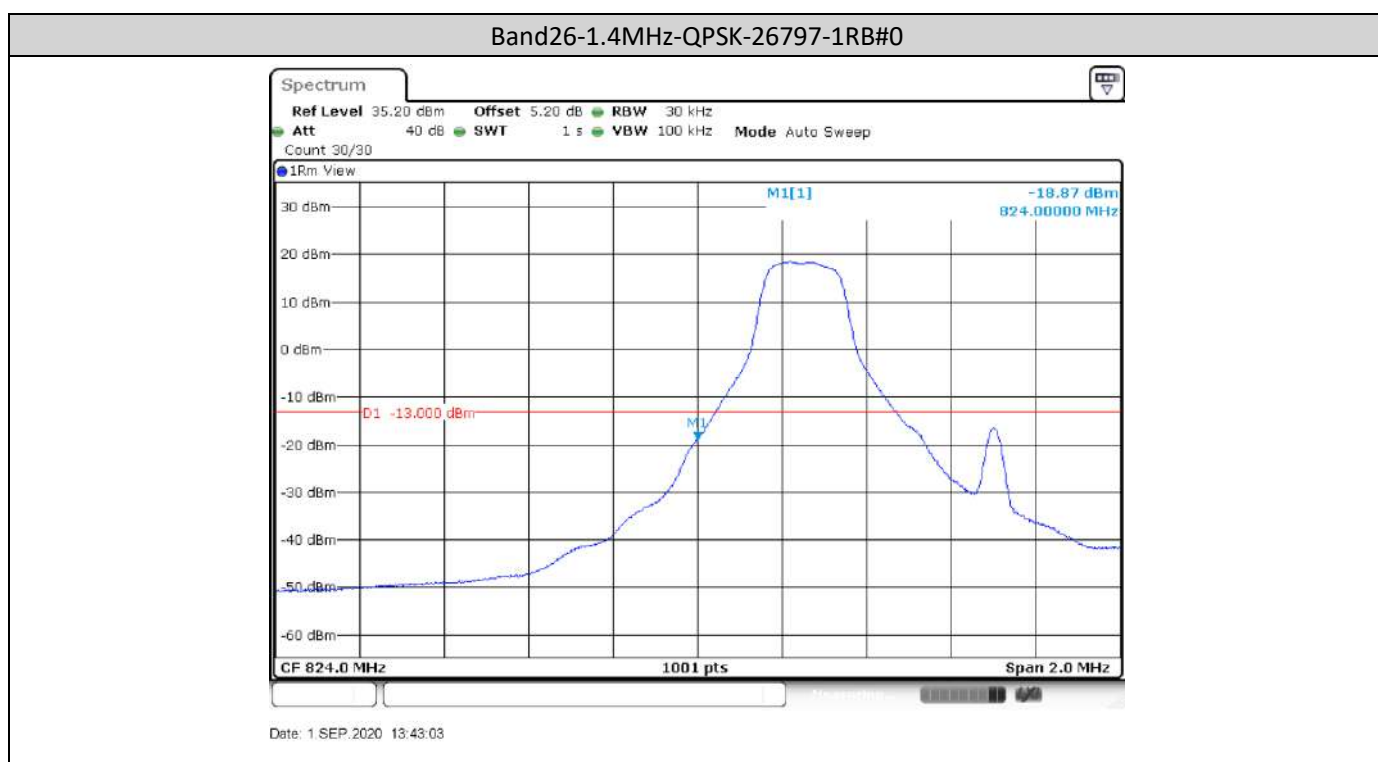
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Laboratory

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



| | | | | | | |
|--------|-------|-------|-------|--------|--------|------|
| Band26 | 15MHz | QPSK | 26865 | 1RB#0 | -25.45 | PASS |
| Band26 | 15MHz | QPSK | 26865 | 75RB#0 | -28.94 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 1RB#74 | -25.06 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 75RB#0 | -30.62 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 1RB#0 | -26.63 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | -32.46 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 1RB#74 | -25.13 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | -31.75 | PASS |

5.2. 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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CMA) Testing Laboratory

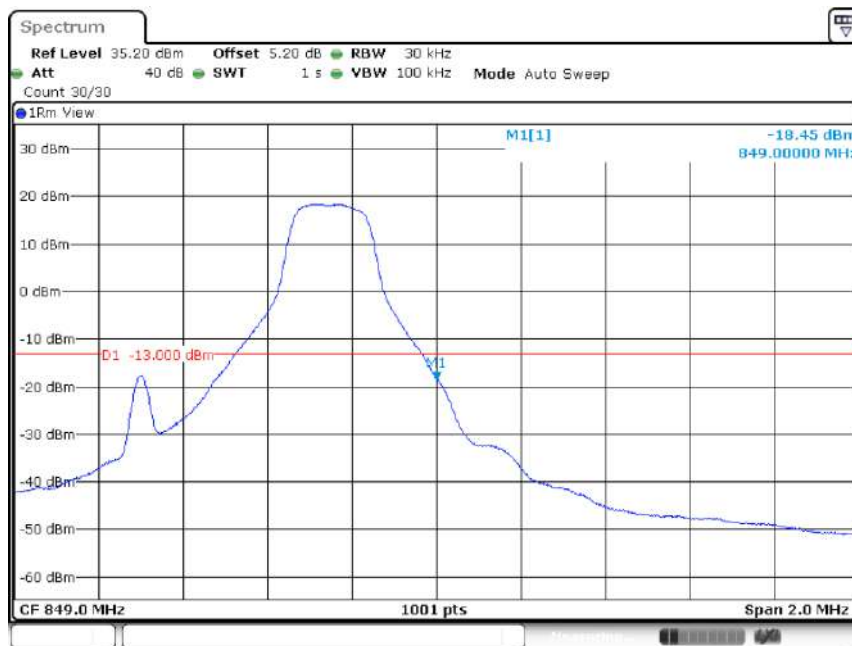
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band26-1.4MHz-QPSK-26797-6RB#0



Date: 1 SEP. 2020 13:44:36

Band26-1.4MHz-QPSK-27033-1RB#5



Date: 1 SEP. 2020 13:46:13



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

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

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

Band26-1.4MHz-QPSK-27033-6RB#0



Date: 1 SEP. 2020 13:47:46

Band26-1.4MHz-16QAM-26797-1RB#0



Date: 1 SEP. 2020 13:43:49



Band26-1.4MHz-16QAM-26797-6RB#0



Date: 1 SEP. 2020 13:45:22

Band26-1.4MHz-16QAM-27033-1RB#5



Date: 1 SEP. 2020 13:47:00



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.

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

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

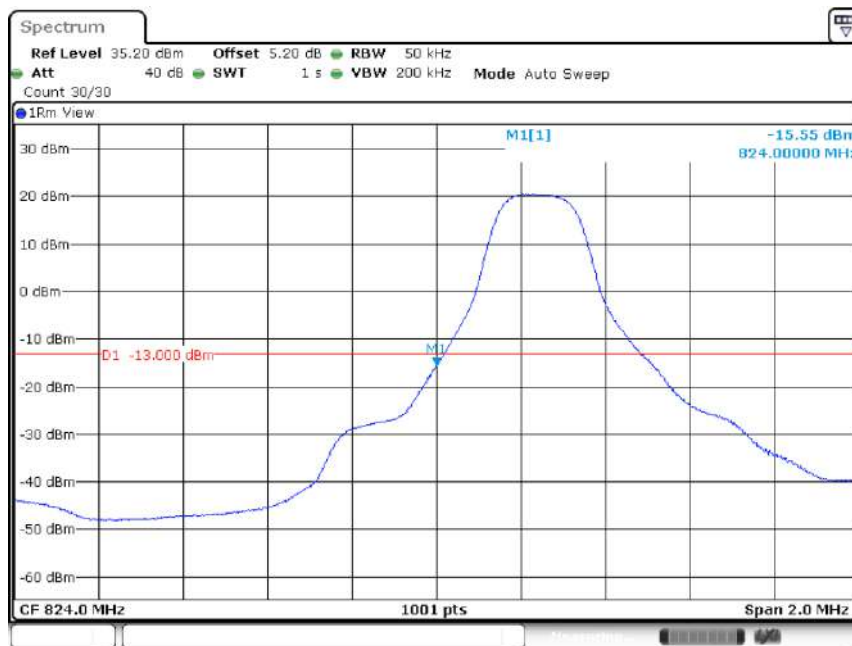
Member of the SGS Group (SGS SA)

Band26-1.4MHz-16QAM-27033-6RB#0



Date: 1 SEP. 2020 13:48:33

Band26-3MHz-QPSK-26805-1RB#0



Date: 1 SEP. 2020 13:49:24



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

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

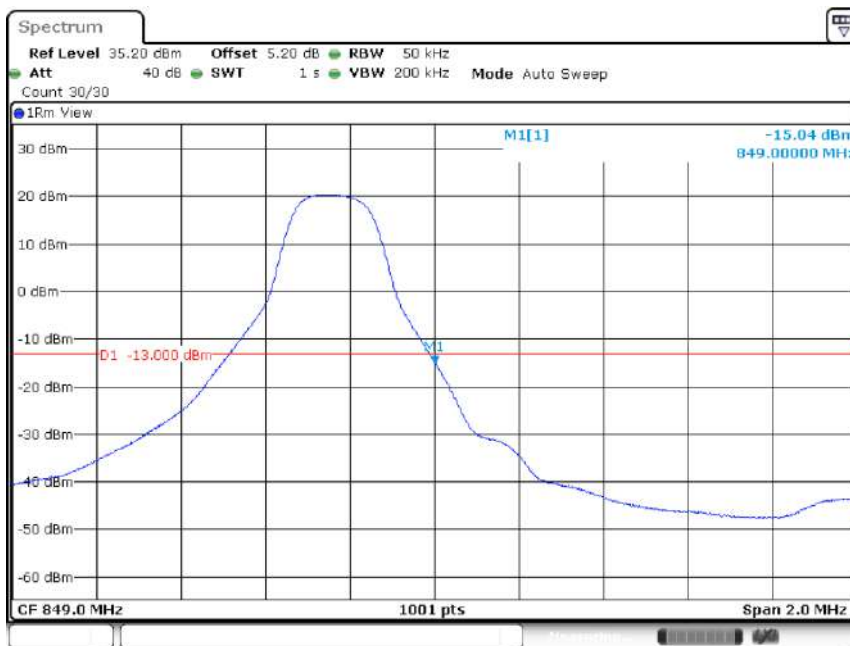
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band26-3MHz-QPSK-26805-15RB#0



Date: 1 SEP. 2020 13:50:57

Band26-3MHz-QPSK-27025-1RB#14



Date: 1 SEP. 2020 13:56:54



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
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

Band26-3MHz-QPSK-27025-15RB#0



Date: 1 SEP. 2020 13:58:27

Band26-3MHz-16QAM-26805-1RB#0



Date: 1 SEP. 2020 13:50:11





Band26-3MHz-16QAM-26805-15RB#0



Date: 1 SEP. 2020 13:51:44

Band26-3MHz-16QAM-27025-1RB#14



Date: 1 SEP. 2020 13:57:40



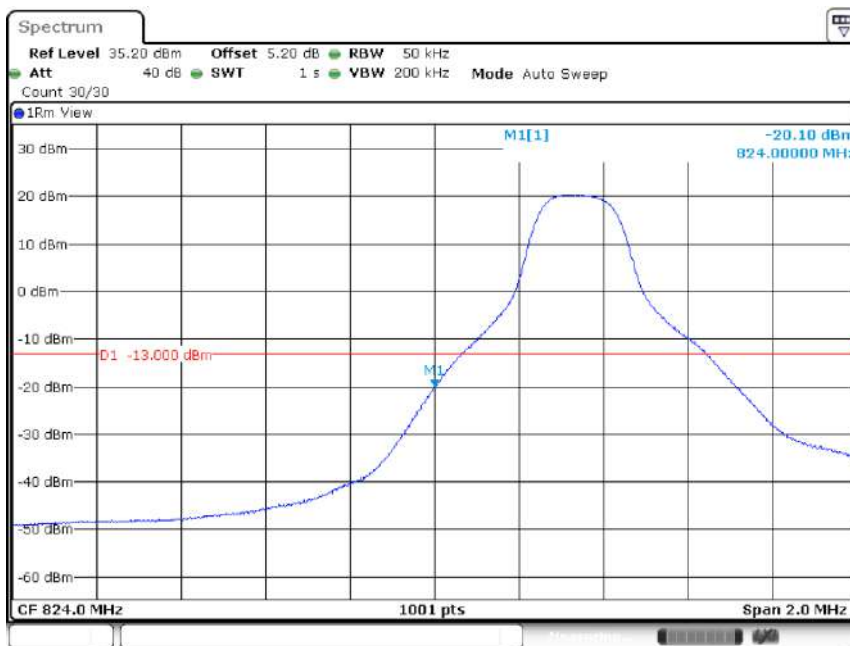
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band26-3MHz-16QAM-27025-15RB#0



Date: 1 SEP. 2020 13:59:13

Band26-5MHz-QPSK-26815-1RB#0



Date: 1 SEP. 2020 14:04:35

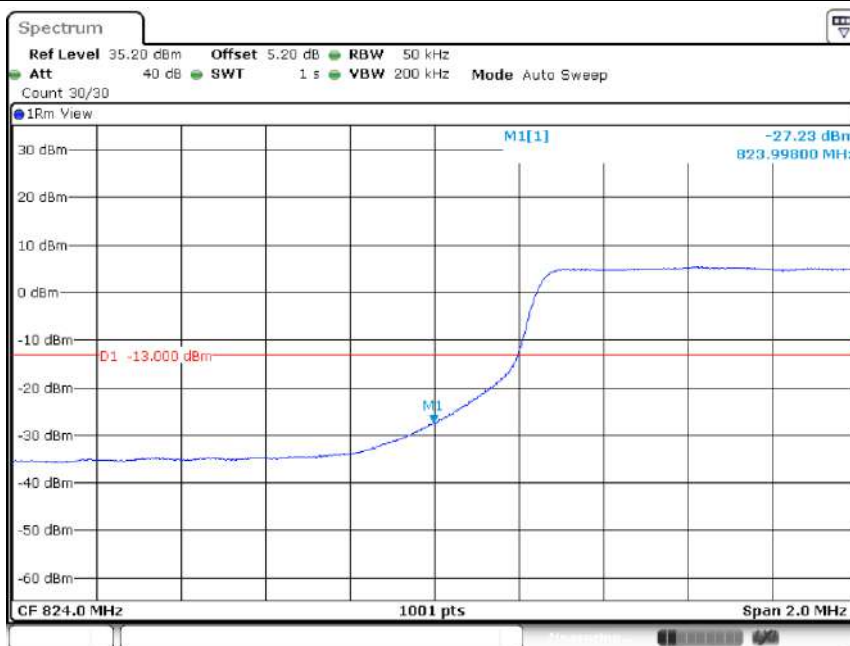


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Band26-5MHz-QPSK-26815-25RB#0



Date: 1 SEP. 2020 14:06:08

Band26-5MHz-QPSK-27015-1RB#24



Date: 1 SEP. 2020 14:22:55



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.

Band26-5MHz-QPSK-27015-25RB#0



Date: 1 SEP. 2020 14:24:28

Band26-5MHz-16QAM-26815-1RB#0



Date: 1 SEP. 2020 14:05:22

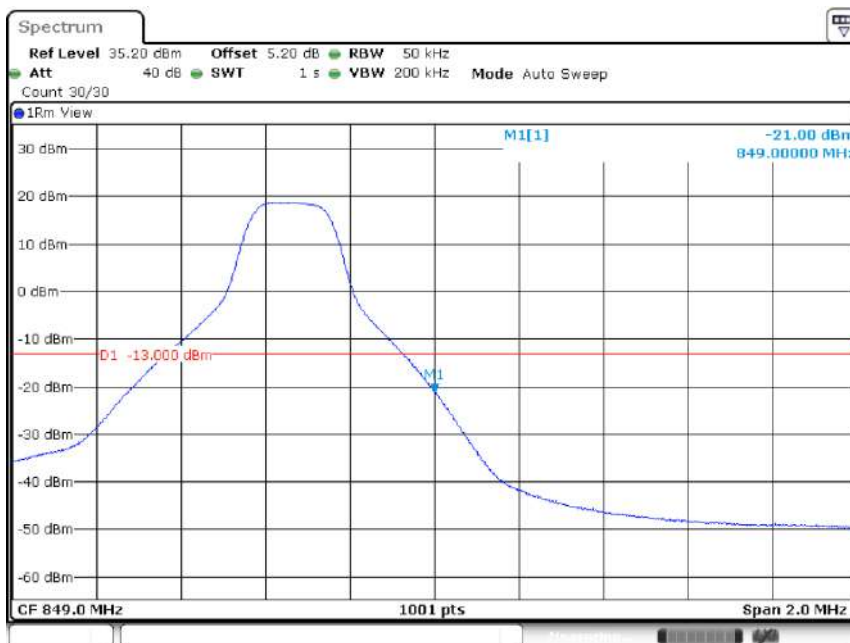


Band26-5MHz-16QAM-26815-25RB#0



Date: 1 SEP. 2020 14:06:55

Band26-5MHz-16QAM-27015-1RB#24



Date: 1 SEP. 2020 14:23:41



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 and 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

Band26-5MHz-16QAM-27015-25RB#0



Date: 1 SEP. 2020 14:25:14

Band26-10MHz-QPSK-26840-1RB#0



Date: 1 SEP. 2020 14:26:06

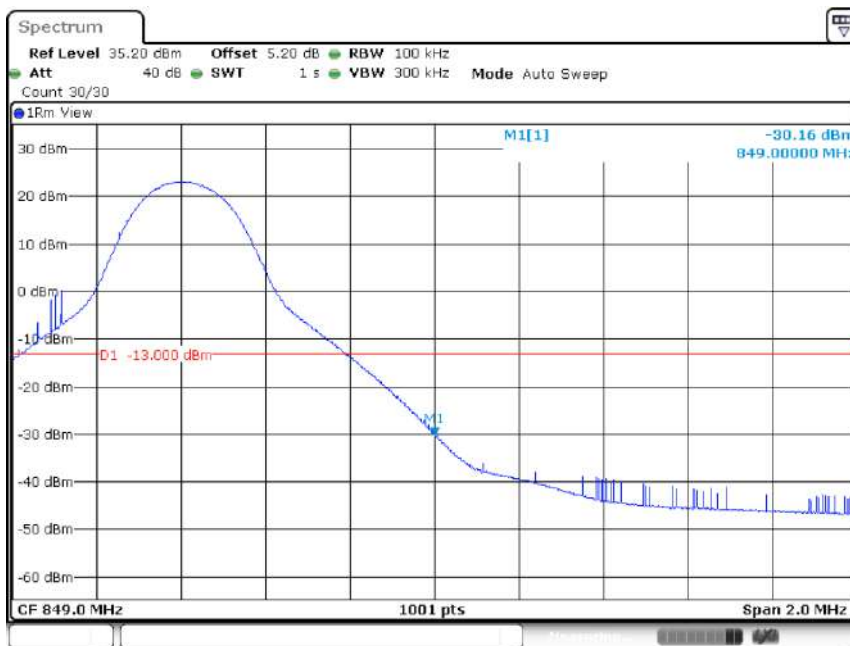


Band26-10MHz-QPSK-26840-50RB#0



Date: 1 SEP. 2020 14:27:38

Band26-10MHz-QPSK-26990-1RB#49



Date: 1 SEP. 2020 14:29:37

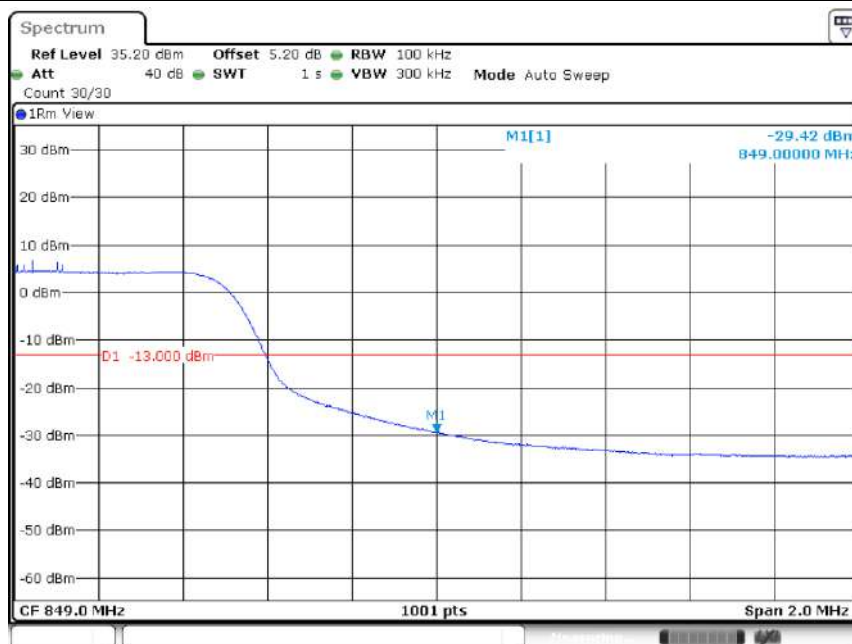


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

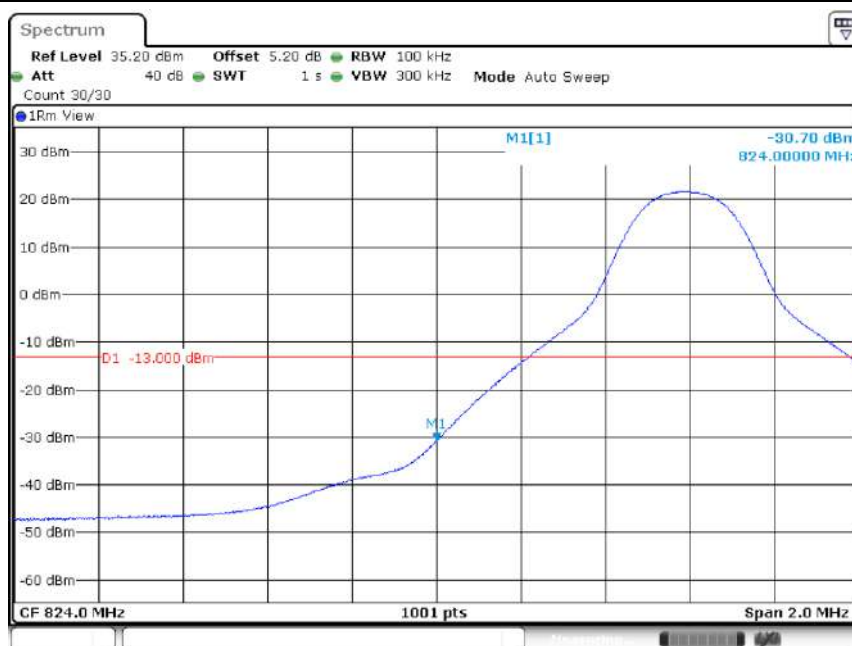
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band26-10MHz-QPSK-26990-50RB#0



Date: 1 SEP. 2020 14:32:09

Band26-10MHz-16QAM-26840-1RB#0



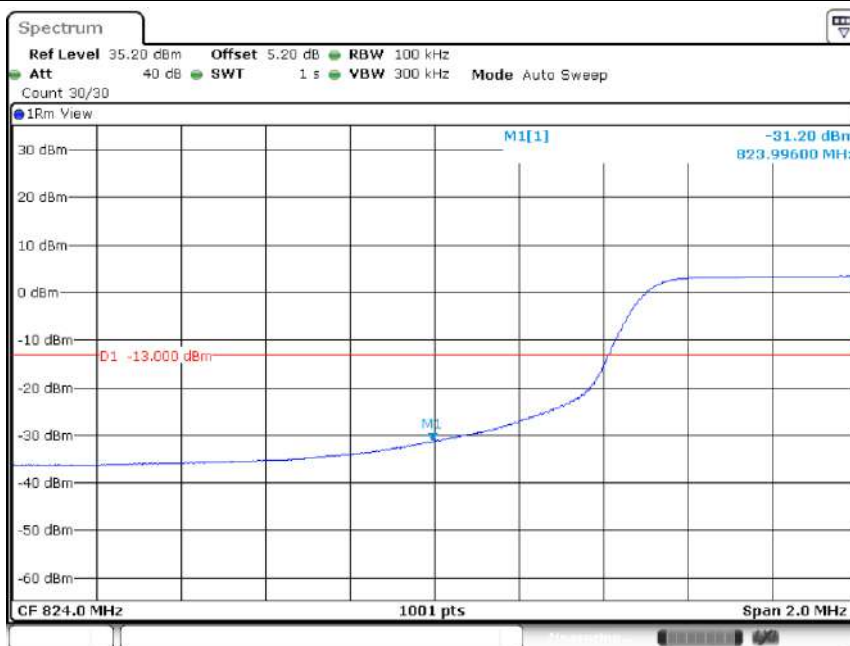
Date: 1 SEP. 2020 14:26:52



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.

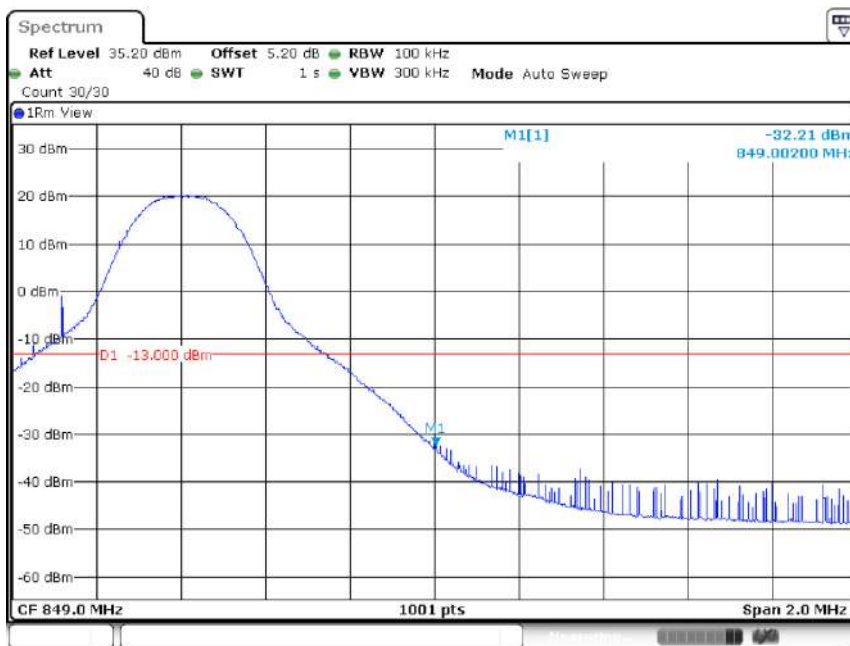
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band26-10MHz-16QAM-26840-50RB#0



Date: 1 SEP. 2020 14:28:25

Band26-10MHz-16QAM-26990-1RB#49



Date: 1 SEP. 2020 14:30:34

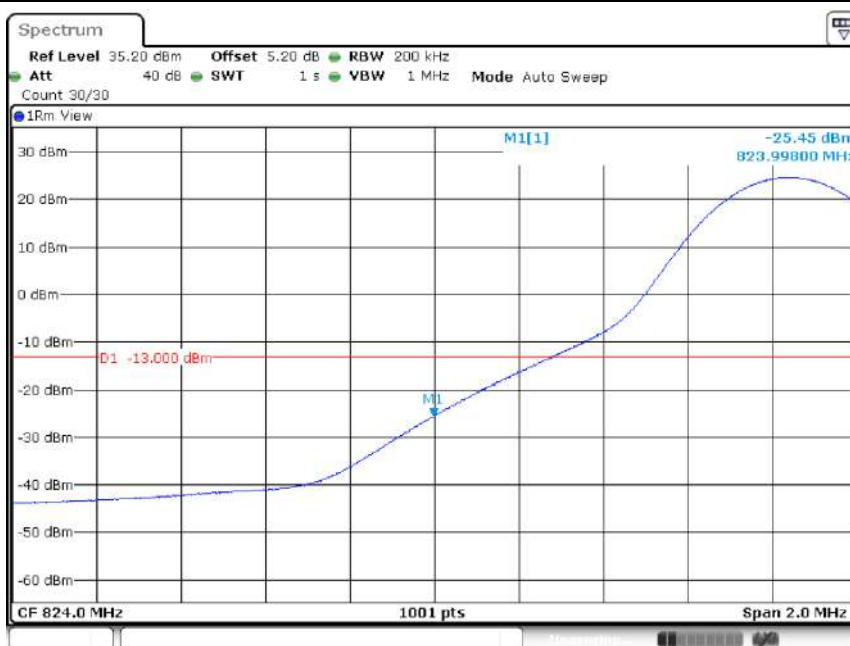


Band26-10MHz-16QAM-26990-50RB#0



Date: 1 SEP. 2020 14:32:56

Band26-15MHz-QPSK-26865-1RB#0



Date: 1 SEP. 2020 14:33:47



Band26-15MHz-QPSK-26865-75RB#0



Date: 1 SEP. 2020 14:35:20

Band26-15MHz-QPSK-26965-1RB#74



Date: 1 SEP. 2020 14:36:57

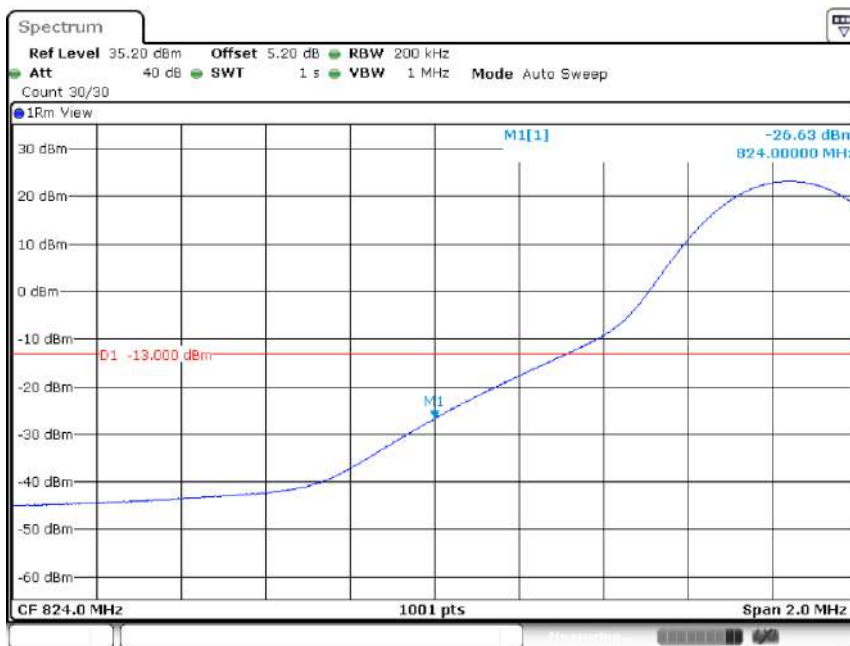


Band26-15MHz-QPSK-26965-75RB#0



Date: 1 SEP. 2020 14:38:30

Band26-15MHz-16QAM-26865-1RB#0



Date: 1 SEP. 2020 14:34:33



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

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

Band26-15MHz-16QAM-26865-75RB#0



Date: 1 SEP. 2020 14:36:06

Band26-15MHz-16QAM-26965-1RB#74



Date: 1 SEP. 2020 14:37:43



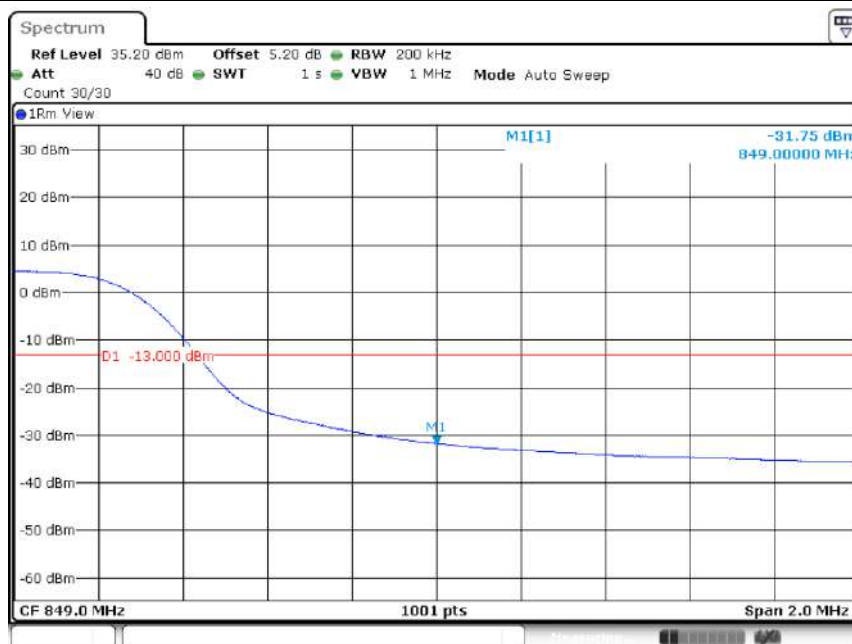
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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



Band26-15MHz-16QAM-26965-75RB#0



Date: 1 SEP. 2020 14:39:16



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

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

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

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

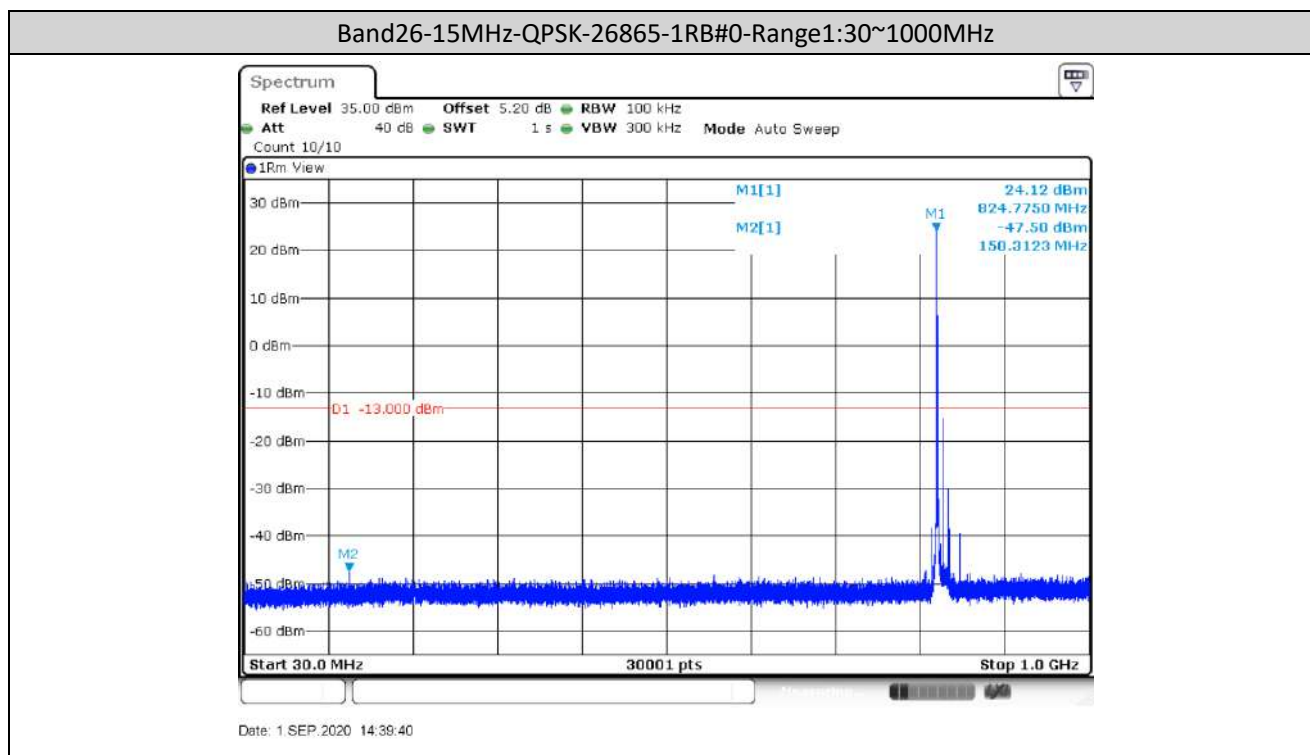
Member of the SGS Group (SGS SA)

6. Spurious Emission at Antenna Terminal

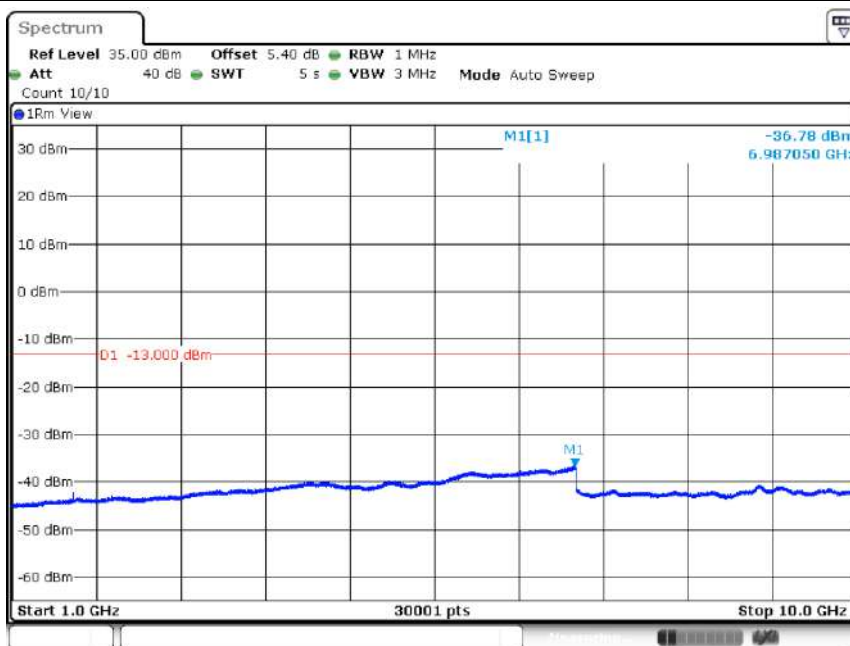
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / RBW)$ " 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

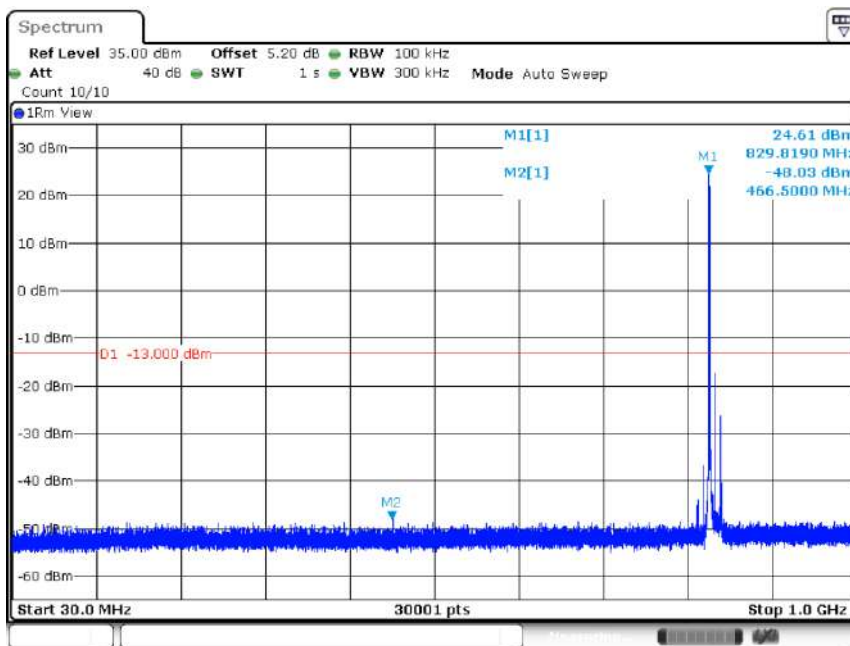


Band26-15MHz-QPSK-26865-1RB#0-Range2:1000~10000MHz



Date: 1 SEP. 2020 20:12:54

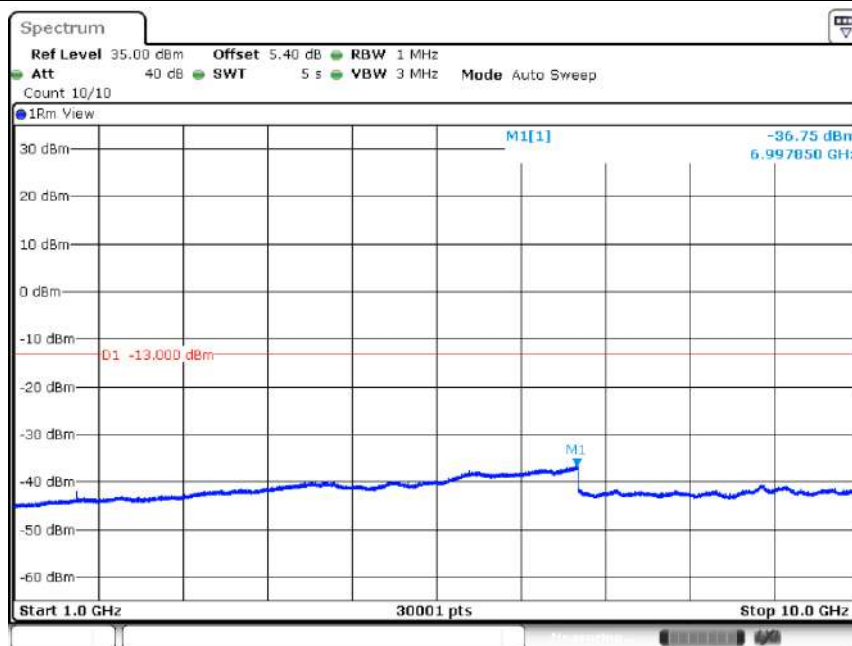
Band26-15MHz-QPSK-26915-1RB#0-Range1:30~1000MHz



Date: 1 SEP. 2020 14:42:34

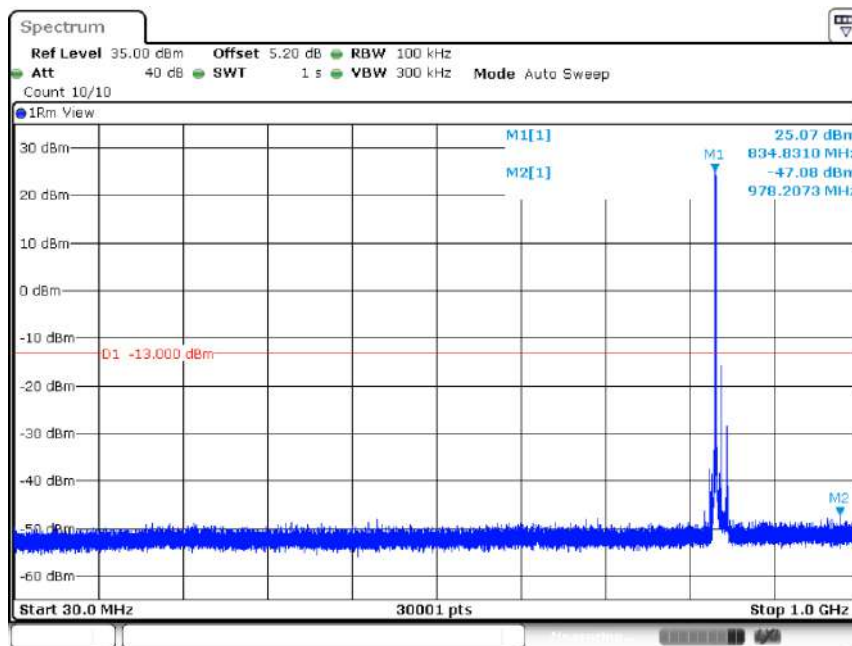


Band26-15MHz-QPSK-26915-1RB#0-Range2:1000~10000MHz



Date: 1 SEP. 2020 20:15:16

Band26-15MHz-QPSK-26965-1RB#0-Range1:30~1000MHz



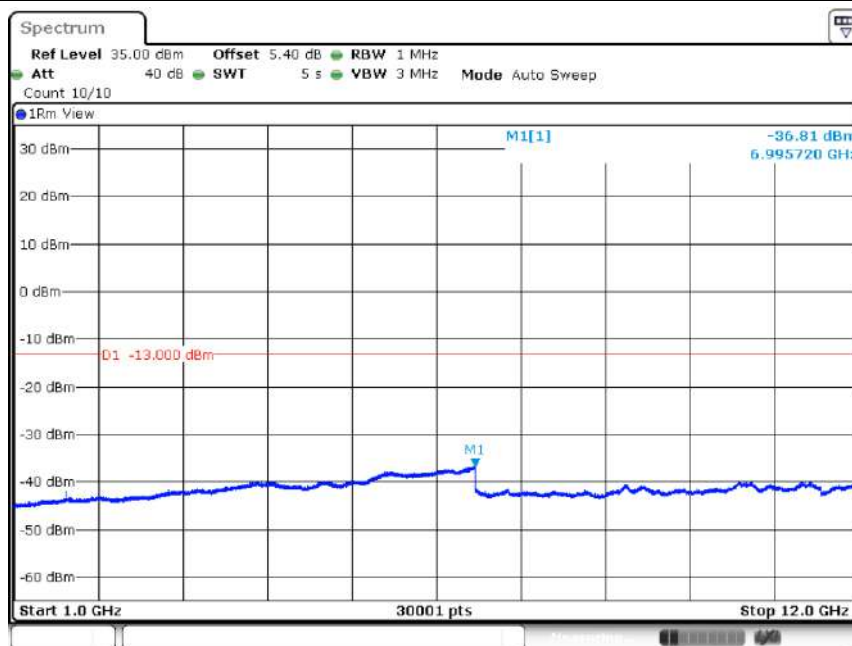
Date: 1 SEP. 2020 14:45:29



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

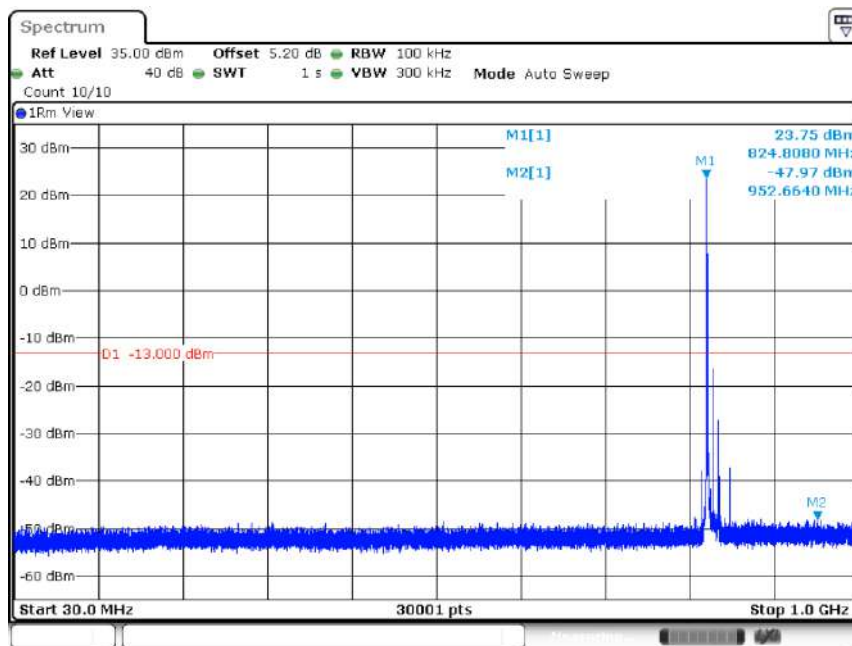
Attention: To check the authenticity of testing / inspection report and certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
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

Band26-15MHz-QPSK-26965-1RB#0-Range2:1000~10000MHz



Date: 1 SEP. 2020 14:46:36

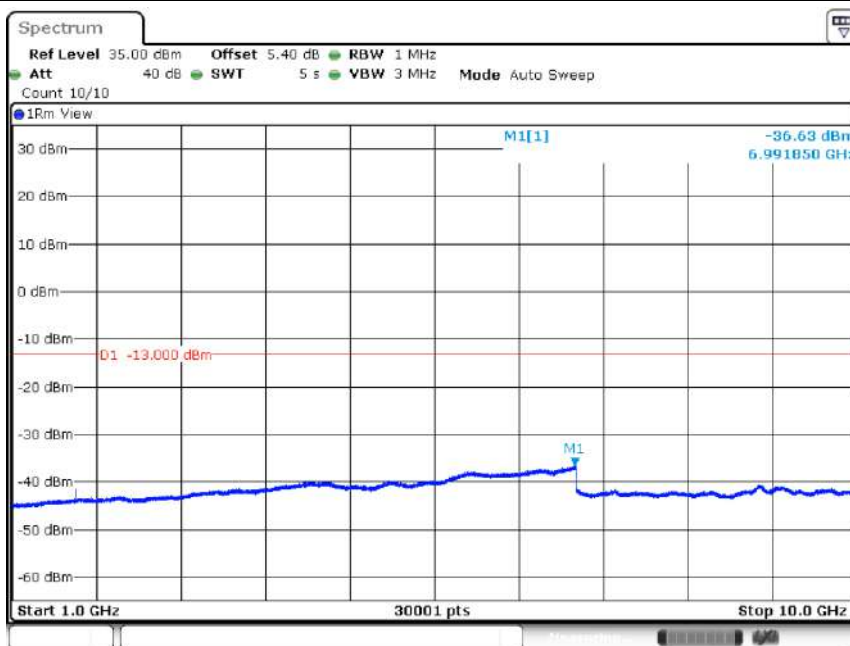
Band26-15MHz-16QAM-26865-1RB#0-Range1:30~1000MHz



Date: 1 SEP. 2020 14:41:07

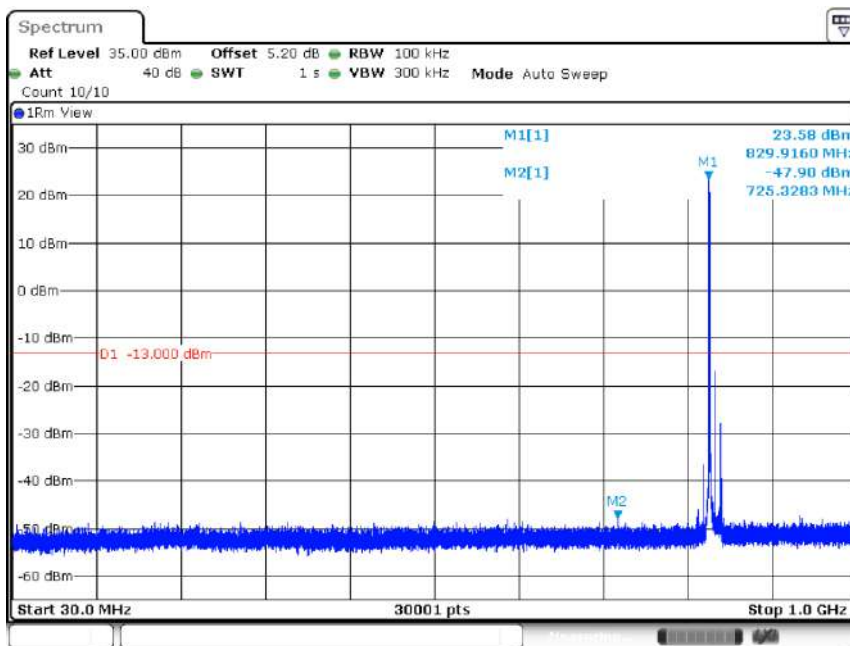


Band26-15MHz-16QAM-26865-1RB#0-Range2:1000~10000MHz



Date: 1 SEP.2020 20:17:37

Band26-15MHz-16QAM-26915-1RB#0-Range1:30~1000MHz



Date: 1 SEP.2020 14:44:02

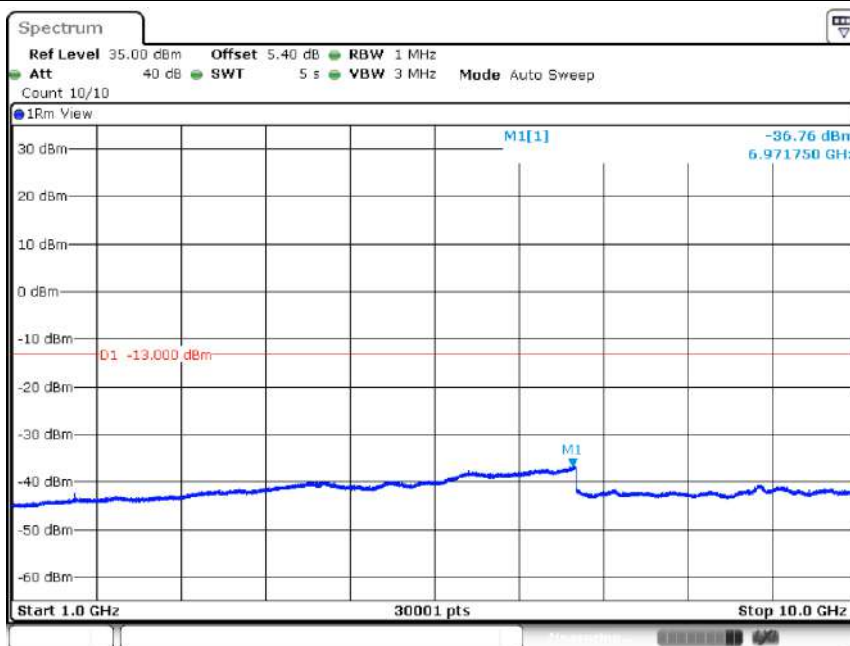


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

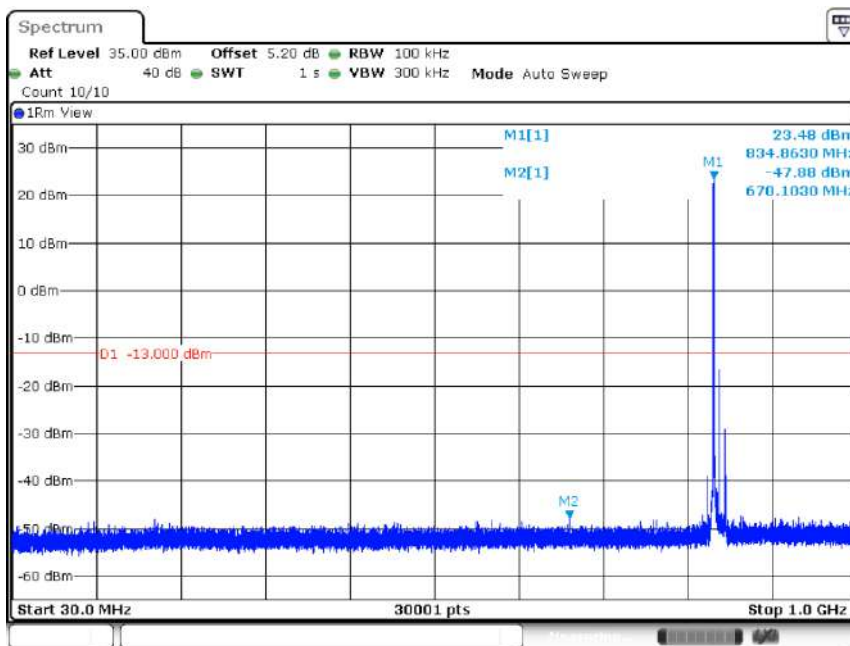
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band26-15MHz-16QAM-26915-1RB#0-Range2:1000~10000MHz



Date: 1 SEP. 2020 20:16:27

Band26-15MHz-16QAM-26965-1RB#0-Range1:30~1000MHz



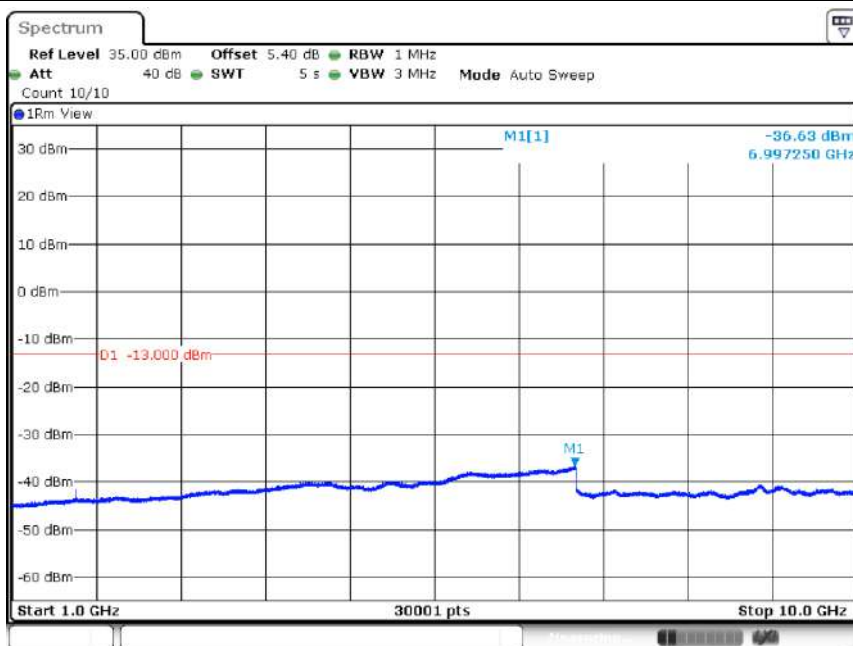
Date: 1 SEP. 2020 14:46:56



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

Band26-15MHz-16QAM-26965-1RB#0-Range2:1000~12000MHz



Date: 1 SEP. 2020 20:18:48



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

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) 83071443, or email: CN.Doccheck@sgs.com

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

7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 15MHz

7.1.1.Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Height [cm] | Angle [°] | Polarization |
|-----------------|-------------|------------------|-------------|-------------|-----------|--------------|
| 110.8535 | -62.47 | -13.00 | 49.47 | 174 | 48 | Vertical |
| 1649.7299 | -46.19 | -13.00 | 33.19 | 185 | 194 | Vertical |
| 2474.6949 | -41.93 | -13.00 | 28.93 | 196 | 150 | Vertical |
| 3299.3766 | -54.23 | -13.00 | 41.23 | 231 | 217 | Vertical |
| 4124.0041 | -54.80 | -13.00 | 41.80 | 222 | 282 | Vertical |
| 9765.4922 | -49.46 | -13.00 | 36.46 | 284 | 217 | Vertical |
| 40.3795 | -61.60 | -13.00 | 48.60 | 258 | 359 | Horizontal |
| 1649.7299 | -43.98 | -13.00 | 30.98 | 274 | 53 | Horizontal |
| 2474.6949 | -36.26 | -13.00 | 23.26 | 159 | 145 | Horizontal |
| 3299.3766 | -53.38 | -13.00 | 40.38 | 196 | 253 | Horizontal |
| 4124.2375 | -52.61 | -13.00 | 39.61 | 321 | 22 | Horizontal |
| 9304.8768 | -50.01 | -13.00 | 37.01 | 262 | 56 | Horizontal |

7.1.2.Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Height [cm] | Angle [°] | Polarization |
|-----------------|-------------|------------------|-------------|-------------|-----------|--------------|
| 111.8236 | -62.59 | -13.00 | 49.59 | 196 | 180 | Vertical |
| 600.4855 | -61.03 | -13.00 | 48.03 | 213 | 357 | Vertical |
| 1659.7319 | -44.19 | -13.00 | 31.19 | 205 | 187 | Vertical |
| 2489.4979 | -40.93 | -13.00 | 27.93 | 194 | 145 | Vertical |
| 4148.9716 | -55.87 | -13.00 | 42.87 | 184 | 285 | Vertical |
| 9849.2616 | -49.49 | -13.00 | 36.49 | 162 | 323 | Vertical |
| 40.5250 | -63.05 | -13.00 | 50.05 | 185 | 298 | Horizontal |
| 1659.7319 | -43.55 | -13.00 | 30.55 | 196 | 64 | Horizontal |
| 2489.4979 | -37.01 | -13.00 | 24.01 | 231 | 154 | Horizontal |
| 3319.2106 | -54.03 | -13.00 | 41.03 | 262 | 226 | Horizontal |
| 4148.9716 | -54.22 | -13.00 | 41.22 | 194 | 260 | Horizontal |
| 9333.1111 | -49.84 | -13.00 | 36.84 | 184 | 298 | Horizontal |



7.1.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Height [cm] | Angle [°] | Polarization |
|-----------------|-------------|------------------|-------------|-------------|-----------|--------------|
| 110.3200 | -62.62 | -13.00 | 49.62 | 258 | 246 | Vertical |
| 1669.7339 | -43.08 | -13.00 | 30.08 | 184 | 203 | Vertical |
| 2504.7009 | -40.61 | -13.00 | 27.61 | 196 | 213 | Vertical |
| 3339.5113 | -55.82 | -13.00 | 42.82 | 184 | 246 | Vertical |
| 4174.4058 | -55.14 | -13.00 | 42.14 | 262 | 278 | Vertical |
| 9902.6968 | -49.33 | -13.00 | 36.33 | 215 | 343 | Vertical |
| 44.5992 | -62.70 | -13.00 | 49.70 | 258 | 238 | Horizontal |
| 1669.7339 | -39.05 | -13.00 | 26.05 | 274 | 78 | Horizontal |
| 2504.7009 | -37.61 | -13.00 | 24.61 | 159 | 198 | Horizontal |
| 3339.5113 | -53.98 | -13.00 | 40.98 | 196 | 206 | Horizontal |
| 4174.1725 | -54.26 | -13.00 | 41.26 | 231 | 172 | Horizontal |
| 9305.5769 | -49.91 | -13.00 | 36.91 | 261 | 272 | 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 (2222) Testing 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 [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|--------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band26 | 15MHz | QPSK | 26865 | 75RB#0 | VL | NT | 0.10 | 0.000120 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26865 | 75RB#0 | VN | NT | 0.70 | 0.000842 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26865 | 75RB#0 | VH | NT | 0.60 | 0.000722 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26915 | 75RB#0 | VL | NT | -1.30 | -0.001554 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26915 | 75RB#0 | VN | NT | -1.20 | -0.001435 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26915 | 75RB#0 | VH | NT | 0.00 | 0.000000 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 75RB#0 | VL | NT | -0.50 | -0.000594 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 75RB#0 | VN | NT | -1.60 | -0.001901 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 75RB#0 | VH | NT | -0.30 | -0.000357 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | VL | NT | 0.20 | 0.000241 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | VN | NT | -0.50 | -0.000601 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | VH | NT | 0.10 | 0.000120 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | VL | NT | -0.30 | -0.000359 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | VN | NT | -0.50 | -0.000598 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | VH | NT | -0.80 | -0.000956 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | VL | NT | -1.60 | -0.001901 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | VN | NT | -0.30 | -0.000357 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | VH | NT | -3.20 | -0.003803 | ±2.5 | PASS |

8.2. Frequency Vs Temperature

| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|--------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band26 | 15MHz | QPSK | 26865 | 75RB#0 | NV | -30 | -0.60 | -0.000722 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26865 | 75RB#0 | NV | -20 | -0.30 | -0.000361 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26865 | 75RB#0 | NV | 0 | 1.20 | 0.001443 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26865 | 75RB#0 | NV | 10 | 0.20 | 0.000241 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26865 | 75RB#0 | NV | 20 | 0.50 | 0.000601 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26865 | 75RB#0 | NV | 30 | -0.10 | -0.000120 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26865 | 75RB#0 | NV | 40 | -1.00 | -0.001203 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26865 | 75RB#0 | NV | 50 | -0.10 | -0.000120 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26915 | 75RB#0 | NV | -30 | -0.20 | -0.000239 | ±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

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



| | | | | | | | | | | |
|--------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band26 | 15MHz | QPSK | 26915 | 75RB#0 | NV | -20 | 1.10 | 0.001315 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26915 | 75RB#0 | NV | 0 | 0.00 | 0.000000 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26915 | 75RB#0 | NV | 10 | -0.90 | -0.001076 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26915 | 75RB#0 | NV | 20 | 0.40 | 0.000478 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26915 | 75RB#0 | NV | 30 | 0.10 | 0.000120 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26915 | 75RB#0 | NV | 40 | -0.60 | -0.000717 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26915 | 75RB#0 | NV | 50 | -0.40 | -0.000478 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 75RB#0 | NV | -30 | -0.70 | -0.000832 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 75RB#0 | NV | -20 | -0.20 | -0.000238 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 75RB#0 | NV | 0 | -1.70 | -0.002020 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 75RB#0 | NV | 10 | -0.80 | -0.000951 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 75RB#0 | NV | 20 | -0.60 | -0.000713 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 75RB#0 | NV | 30 | -2.20 | -0.002614 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 75RB#0 | NV | 40 | -0.70 | -0.000832 | ±2.5 | PASS |
| Band26 | 15MHz | QPSK | 26965 | 75RB#0 | NV | 50 | -2.40 | -0.002852 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | NV | -30 | 0.40 | 0.000481 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | NV | -20 | 0.90 | 0.001082 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | NV | 0 | 0.30 | 0.000361 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | NV | 10 | -0.40 | -0.000481 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | NV | 20 | -0.10 | -0.000120 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | NV | 30 | 0.50 | 0.000601 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | NV | 40 | 0.60 | 0.000722 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26865 | 75RB#0 | NV | 50 | 0.90 | 0.001082 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | NV | -30 | 0.00 | 0.000000 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | NV | -20 | -0.20 | -0.000239 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | NV | 0 | -1.80 | -0.002152 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | NV | 10 | -0.90 | -0.001076 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | NV | 20 | 0.10 | 0.000120 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | NV | 30 | 1.10 | 0.001315 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | NV | 40 | 0.10 | 0.000120 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26915 | 75RB#0 | NV | 50 | -1.00 | -0.001195 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | NV | -30 | -1.40 | -0.001664 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | NV | -20 | -0.80 | -0.000951 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | NV | 0 | -0.80 | -0.000951 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | NV | 10 | -1.40 | -0.001664 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | NV | 20 | -0.50 | -0.000594 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | NV | 30 | -0.40 | -0.000475 | ±2.5 | PASS |
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | NV | 40 | -1.30 | -0.001545 | ±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



| | | | | | | | | | | |
|--------|-------|-------|-------|--------|----|----|-------|-----------|------|------|
| Band26 | 15MHz | 16QAM | 26965 | 75RB#0 | NV | 50 | -1.90 | -0.002258 | ±2.5 | PASS |
|--------|-------|-------|-------|--------|----|----|-------|-----------|------|------|



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CMA) Calibration Laboratory

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