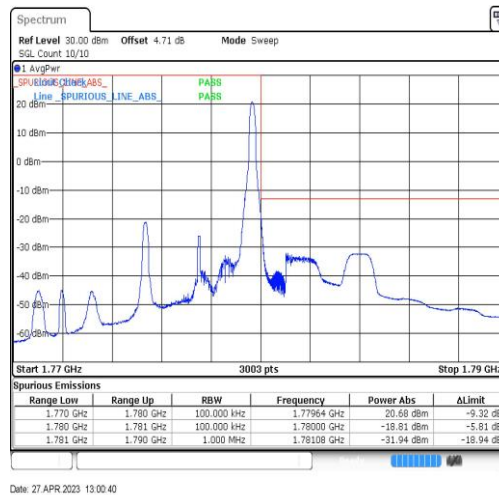




Band66-5MHz-QPSK-131997-25RB#0



Band66-5MHz-QPSK-132647-1RB#24

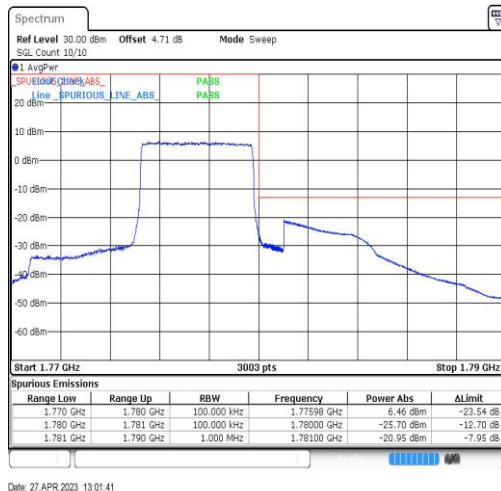


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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.

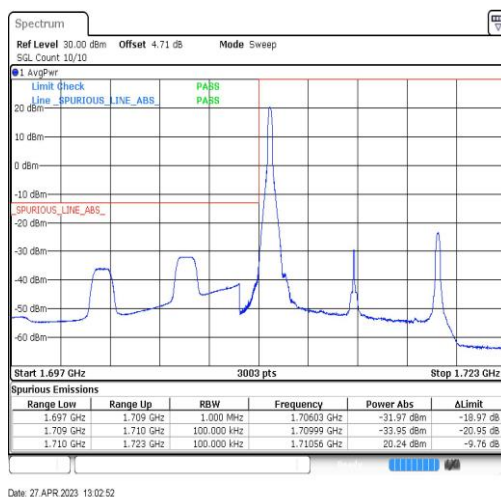
**Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com**

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房

t (86-755) 26012053 www.sgsgroup.com.cn  
t (86-755) 26012053 sgs.china@sgs.com



Band66-5MHz-QPSK-132647-25RB#0



Band66-10MHz-QPSK-132022-1RB#0



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

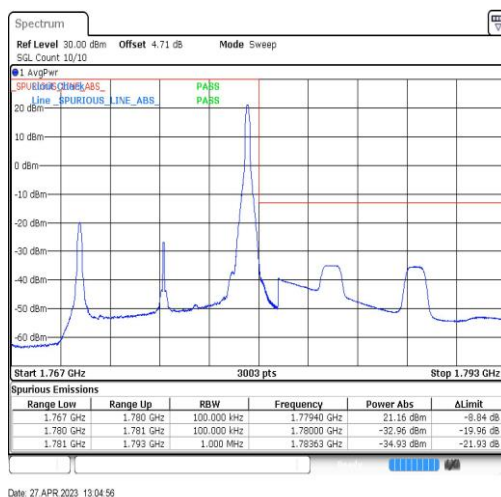
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房

t (86-755) 26012053 www.sgsgroup.com.cn  
t (86-755) 26012053 sgs.china@sgs.com



Band66-10MHz-QPSK-132022-50RB#0



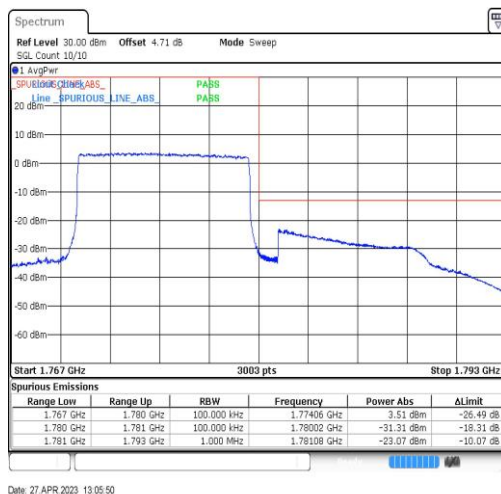
Band66-10MHz-QPSK-132622-1RB#49



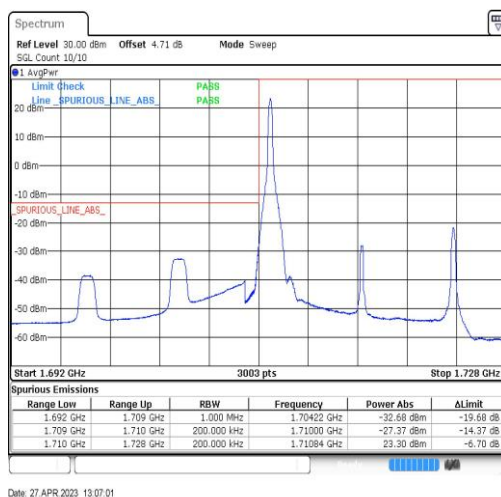
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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](mailto:CN.Doccheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Band66-10MHz-QPSK-132622-50RB#0



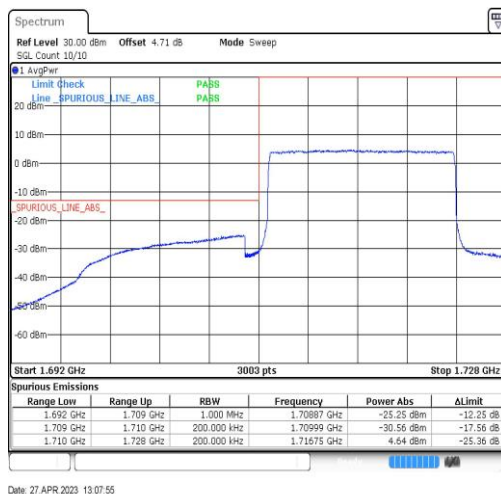
Band66-15MHz-QPSK-132047-1RB#0



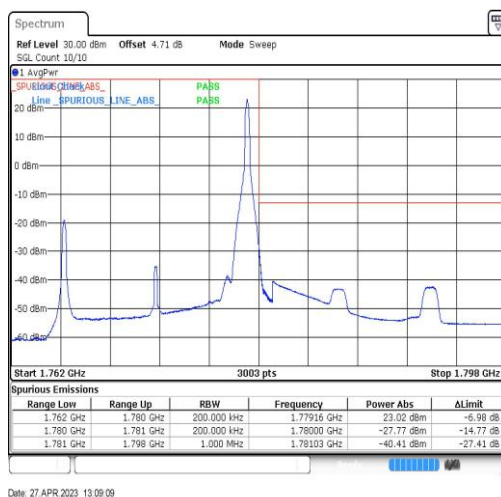
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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](mailto:CN.Doccheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Band66-15MHz-QPSK-132047-75RB#0



Band66-15MHz-QPSK-132597-1RB#74

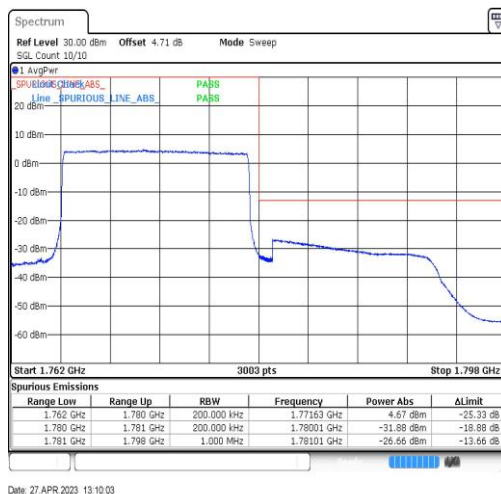


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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.

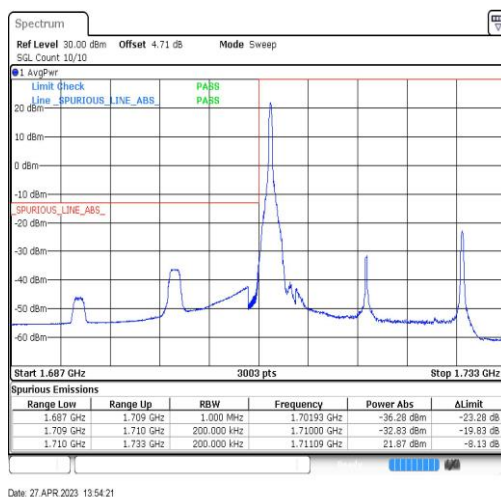
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房

t (86-755) 26012053 www.sgsgroup.com.cn  
t (86-755) 26012053 sgs.china@sgs.com



Band66-15MHz-QPSK-132597-75RB#0



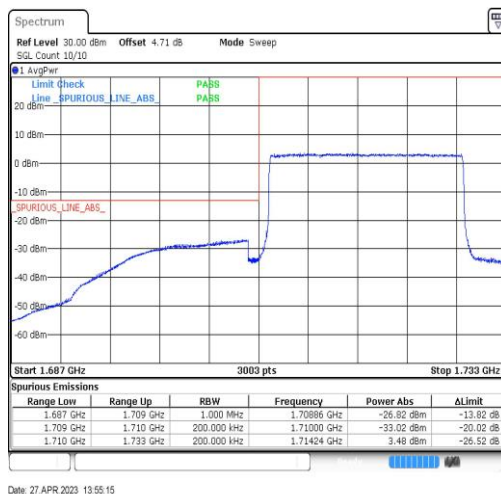
Band66-20MHz-QPSK-132072-1RB#0



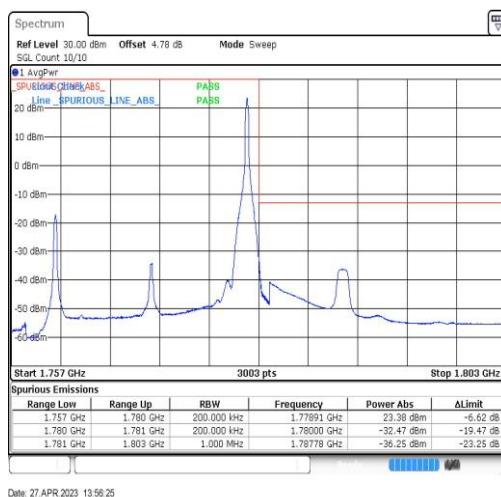
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Band66-20MHz-QPSK-132072-100RB#0



Band66-20MHz-QPSK-132572-1RB#99



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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](mailto:CN.Doccheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



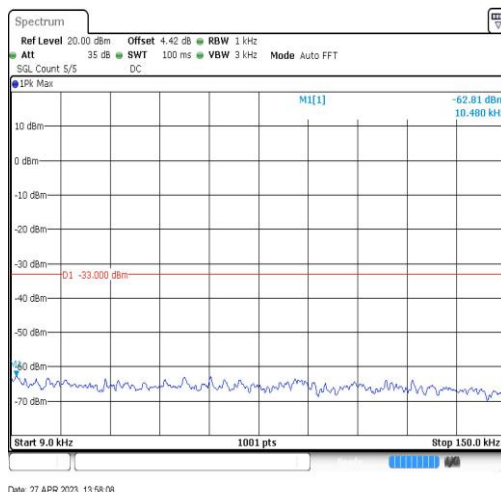
Band66-20MHz-QPSK-132572-100RB#0



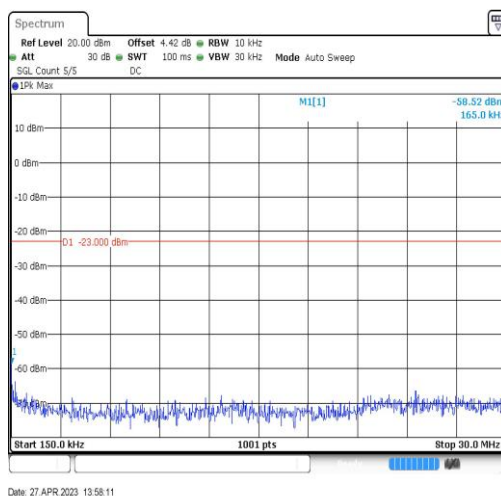


## Conducted Spurious Emission

### Test Graphs



Band66-20MHz-QPSK-132072-1RB#0-Range1:0.009~0.15MHz



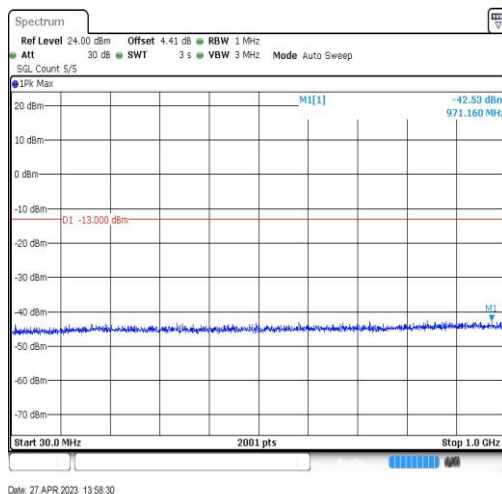
Band66-20MHz-QPSK-132072-1RB#0-Range2:0.15~30MHz



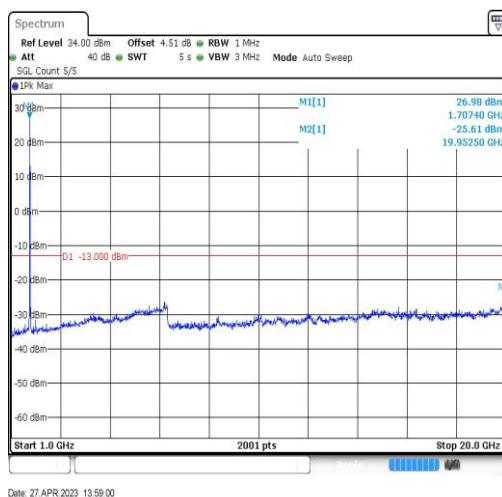
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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](mailto:CN.Doccheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132072-1RB#0-Range4:1000~20000MHz

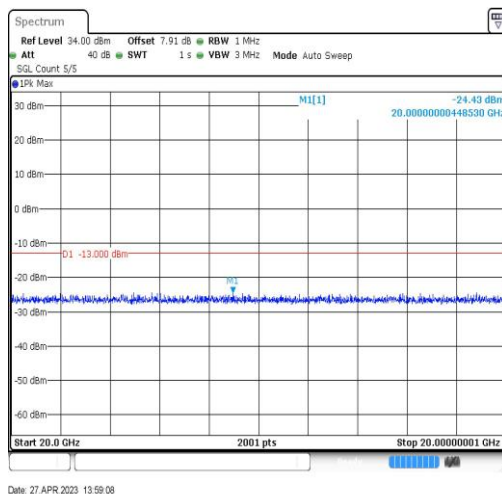


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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.

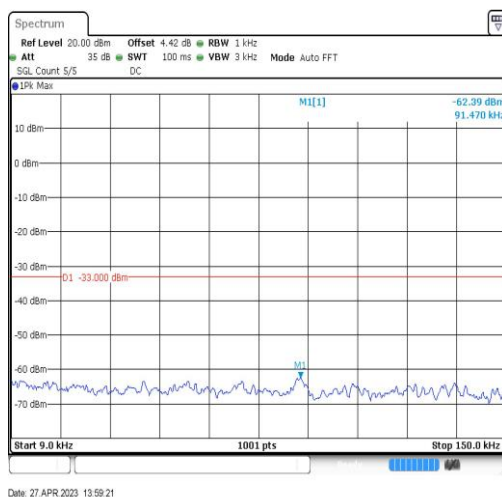
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房

t (86-755) 26012053 www.sgs.com  
t (86-755) 26012053 sgs.china@sgs.com



Band66-20MHz-QPSK-132072-1RB#0-Range5:20000~40000MHz



Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz

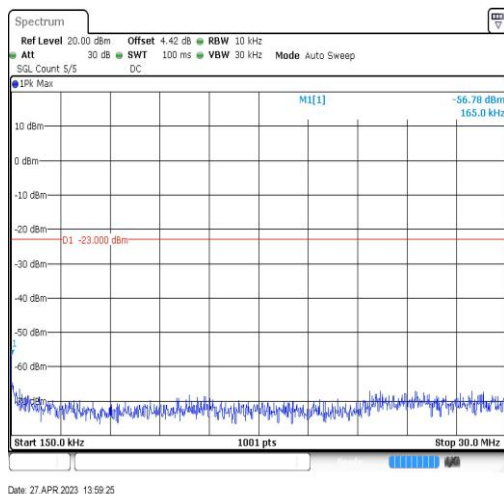


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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.

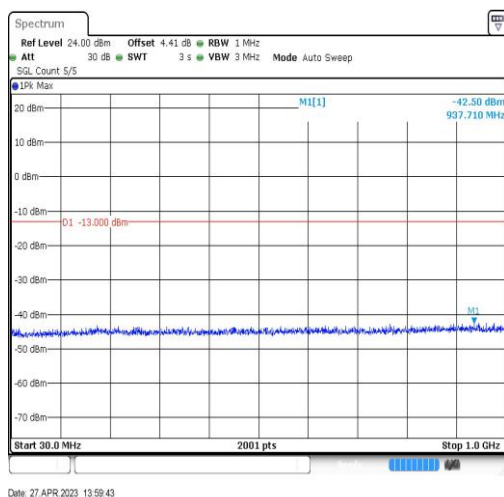
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房

t (86-755) 26012053 www.sgsgroup.com.cn  
t (86-755) 26012053 sgs.china@sgs.com



Band66-20MHz-QPSK-132322-1RB#0-Range2:0.15~30MHz



Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz

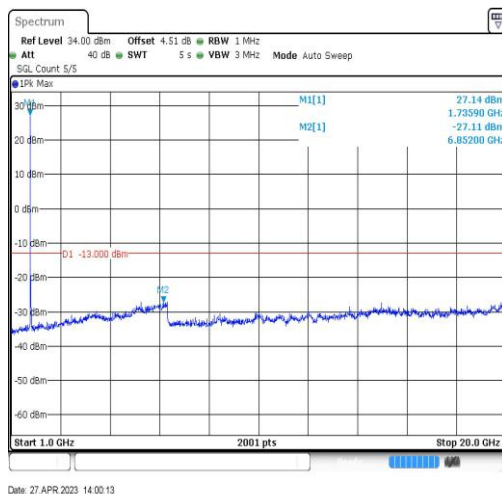


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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.

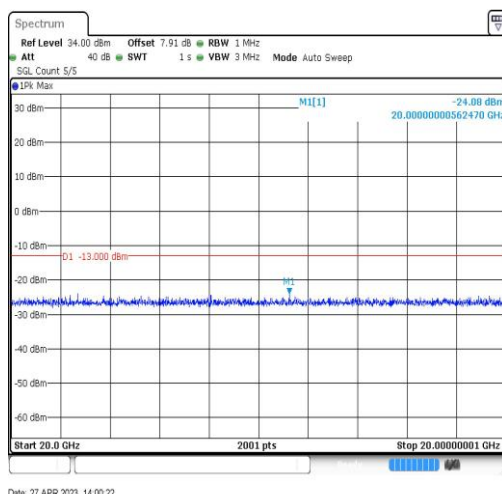
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房

t (86-755) 26012053 www.sgsgroup.com.cn  
t (86-755) 26012053 sgs.china@sgs.com



Band66-20MHz-QPSK-132322-1RB#0-Range4:1000~20000MHz



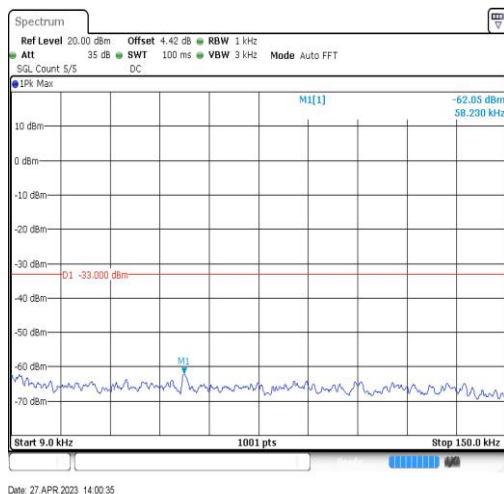
Band66-20MHz-QPSK-132322-1RB#0-Range5:20000~40000MHz



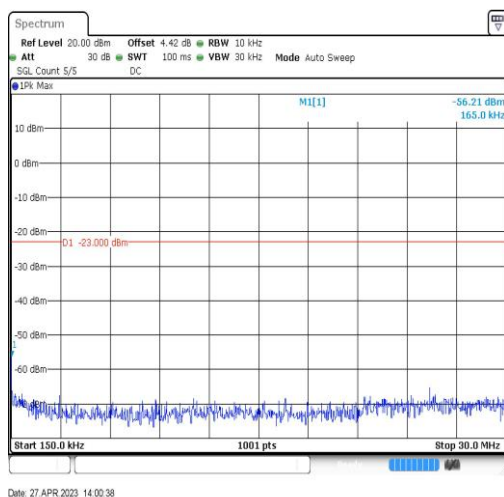
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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, Nanshan District, Shenzhen, Guangdong, China 518057  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房

t (86-755) 26012053 www.sgsgroup.com.cn  
t (86-755) 26012053 sgs.china@sgs.com



Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



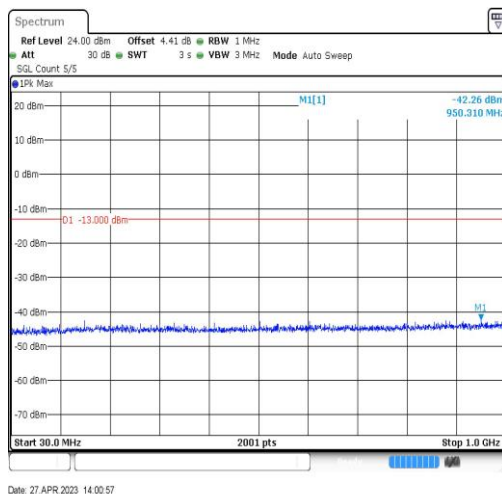
Band66-20MHz-QPSK-132572-1RB#0-Range2:0.15~30MHz



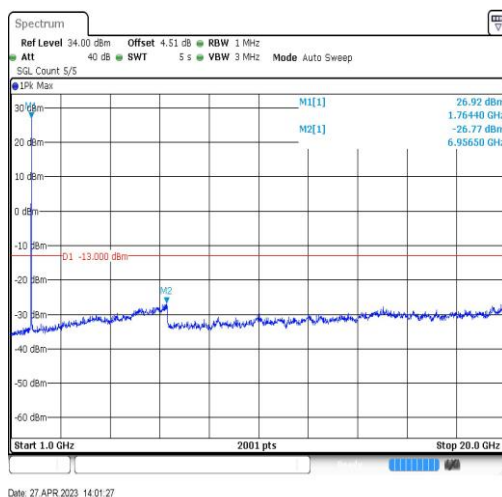
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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](mailto:CN.Doccheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132572-1RB#0-Range4:1000~20000MHz

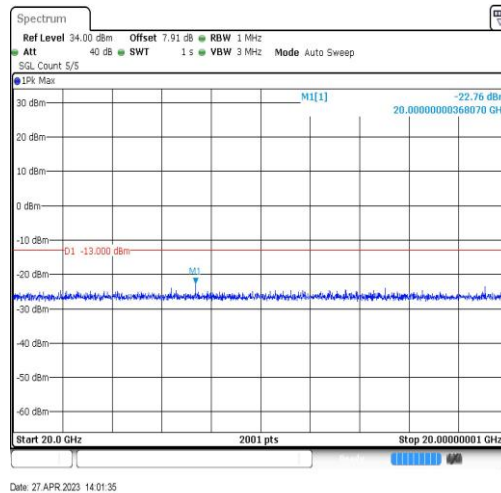


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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](mailto:CN.Doccheck@sgs.com)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房

t (86-755) 26012053 www.sgsgroup.com.cn  
t (86-755) 26012053 sgs.china@sgs.com



Date: 27 APR 2023 14:01:35

Band66-20MHz-QPSK-132572-1RB#0-Range5:20000~40000MHz



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房

t (86-755) 26012053 www.sgsgroup.com.cn  
t (86-755) 26012053 sgs.china@sgs.com



## Field Strength of Spurious Radiation

Test Band = LTE\_66 ANT 13 \_20MHz\_TM1

Test Channel = LCH

| Final Data List |                |                   |                |              |                |                |                |                |              |            |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|--------------|------------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF<br>[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
| 1               | 3422.2711      | 53.05             | -45.33         | 28.73        | -58.81         | -13.00         | 45.81          | 329            | 192          | Horizontal |
| 2               | 5888.3944      | 51.56             | -41.15         | 32.75        | -52.10         | -13.00         | 39.10          | 331            | 291          | Horizontal |
| 3               | 7843.7422      | 50.41             | -37.72         | 36.77        | -45.80         | -13.00         | 32.80          | 264            | 208          | Horizontal |
| 4               | 9478.8239      | 51.82             | -35.88         | 37.67        | -41.65         | -13.00         | 28.65          | 221            | 204          | Horizontal |
| 5               | 11062.1531     | 50.99             | -37.36         | 40.16        | -41.47         | -13.00         | 28.47          | 218            | 2            | Horizontal |
| 6               | 15203.1102     | 54.20             | -35.32         | 39.71        | -36.67         | -13.00         | 23.67          | 264            | 46           | Horizontal |

| Final Data List |                |                   |                |              |                |                |                |                |              |          |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|--------------|----------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF<br>[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
| 1               | 3654.0327      | 51.36             | -44.44         | 29.30        | -59.04         | -13.00         | 46.04          | 331            | 64           | Vertical |
| 2               | 5676.8838      | 51.75             | -41.21         | 32.50        | -52.22         | -13.00         | 39.22          | 264            | 56           | Vertical |
| 3               | 7869.2435      | 50.15             | -37.61         | 36.68        | -46.04         | -13.00         | 33.04          | 221            | 174          | Vertical |
| 4               | 9426.3213      | 51.89             | -35.55         | 37.41        | -41.51         | -13.00         | 28.51          | 269            | 127          | Vertical |
| 5               | 11014.1507     | 50.82             | -37.07         | 40.11        | -41.40         | -13.00         | 28.40          | 222            | 345          | Vertical |
| 6               | 15212.8606     | 54.15             | -35.41         | 39.73        | -36.79         | -13.00         | 23.79          | 316            | 48           | Vertical |



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房

t (86-755) 26012053 www.sgsgroup.com.cn  
t (86-755) 26012053 sgs.china@sgs.com



Test Band = LTE\_66 ANT 13 \_20MHz\_TM1

Test Channel = MCH

| Final Data List |                |                   |                |              |                |                |                |                |              |            |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|--------------|------------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF<br>[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
| 1               | 3627.0314      | 51.57             | -44.39         | 29.12        | -58.96         | -13.00         | 45.96          | 394            | 88           | Horizontal |
| 2               | 5402.3701      | 51.13             | -41.99         | 32.49        | -53.63         | -13.00         | 40.63          | 226            | 334          | Horizontal |
| 3               | 7874.4937      | 50.41             | -37.59         | 36.65        | -45.79         | -13.00         | 32.79          | 264            | 100          | Horizontal |
| 4               | 9471.3236      | 51.86             | -35.83         | 37.63        | -41.60         | -13.00         | 28.60          | 196            | 49           | Horizontal |
| 5               | 11039.652      | 50.97             | -37.22         | 40.14        | -41.37         | -13.00         | 28.37          | 264            | 232          | Horizontal |
| 6               | 15209.8605     | 54.16             | -35.38         | 39.72        | -36.76         | -13.00         | 23.76          | 226            | 57           | Horizontal |

| Final Data List |                |                   |                |              |                |                |                |                |              |          |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|--------------|----------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF<br>[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
| 1               | 3654.7827      | 51.33             | -44.44         | 29.30        | -59.07         | -13.00         | 46.07          | 116            | 239          | Vertical |
| 2               | 5628.1314      | 51.88             | -41.36         | 32.54        | -52.20         | -13.00         | 39.20          | 207            | 255          | Vertical |
| 3               | 7837.7419      | 50.42             | -37.74         | 36.75        | -45.83         | -13.00         | 32.83          | 265            | 172          | Vertical |
| 4               | 9446.5723      | 51.94             | -35.67         | 37.49        | -41.50         | -13.00         | 28.50          | 194            | 223          | Vertical |
| 5               | 11047.9024     | 50.88             | -37.27         | 40.15        | -41.50         | -13.00         | 28.50          | 265            | 263          | Vertical |
| 6               | 15197.1099     | 54.30             | -35.40         | 39.72        | -36.64         | -13.00         | 23.64          | 263            | 1            | Vertical |



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Test Band = LTE\_66 ANT 13 \_20MHz\_TM1

Test Channel = HCH

| Final Data List |                |                   |                |              |                |                |                |                |              |            |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|--------------|------------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF<br>[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
| 1               | 3634.5317      | 51.40             | -44.41         | 29.18        | -59.09         | -13.00         | 46.09          | 159            | 22           | Horizontal |
| 2               | 5657.3829      | 51.81             | -41.27         | 32.50        | -52.22         | -13.00         | 39.22          | 216            | 97           | Horizontal |
| 3               | 7686.2343      | 50.38             | -37.73         | 36.74        | -45.87         | -13.00         | 32.87          | 264            | 117          | Horizontal |
| 4               | 9420.321       | 51.68             | -35.51         | 37.38        | -41.71         | -13.00         | 28.71          | 236            | 97           | Horizontal |
| 5               | 11056.9028     | 50.87             | -37.33         | 40.16        | -41.56         | -13.00         | 28.56          | 218            | 113          | Horizontal |
| 6               | 15187.3594     | 54.53             | -35.79         | 39.78        | -36.74         | -13.00         | 23.74          | 233            | 216          | Horizontal |

| Final Data List |                |                   |                |              |                |                |                |                |              |          |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|--------------|----------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF<br>[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
| 1               | 3625.5313      | 51.45             | -44.39         | 29.10        | -59.10         | -13.00         | 46.10          | 197            | 2            | Vertical |
| 2               | 5694.8847      | 51.91             | -41.16         | 32.50        | -52.01         | -13.00         | 39.01          | 215            | 58           | Vertical |
| 3               | 7450.7225      | 50.72             | -38.29         | 36.80        | -46.03         | -13.00         | 33.03          | 264            | 109          | Vertical |
| 4               | 9454.8227      | 51.90             | -35.73         | 37.53        | -41.56         | -13.00         | 28.56          | 263            | 89           | Vertical |
| 5               | 11068.9034     | 51.06             | -37.40         | 40.17        | -41.43         | -13.00         | 28.43          | 241            | 196          | Vertical |
| 6               | 15185.1093     | 54.49             | -35.88         | 39.79        | -36.86         | -13.00         | 23.86          | 269            | 196          | Vertical |



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Test Band = LTE\_66 ANT 31\_20MHz\_TM1

Test Channel = LCH

| Final Data List |                |                   |                |              |                |                |                |                |              |            |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|--------------|------------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF<br>[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
| 1               | 3422.2711      | 53.80             | -45.33         | 28.73        | -58.06         | -13.00         | 45.06          | 247            | 191          | Horizontal |
| 2               | 5135.3568      | 51.82             | -42.53         | 31.71        | -54.26         | -13.00         | 41.26          | 351            | 306          | Horizontal |
| 3               | 6823.6912      | 51.10             | -39.44         | 35.49        | -48.11         | -13.00         | 35.11          | 265            | 231          | Horizontal |
| 4               | 7852.7426      | 50.54             | -37.68         | 36.78        | -45.62         | -13.00         | 32.62          | 160            | 160          | Horizontal |
| 5               | 10963.8982     | 50.69             | -37.14         | 40.14        | -41.57         | -13.00         | 28.57          | 211            | 349          | Horizontal |
| 6               | 15200.11       | 54.46             | -35.29         | 39.70        | -36.39         | -13.00         | 23.39          | 265            | 329          | Horizontal |

| Final Data List |                |                   |                |              |                |                |                |                |              |          |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|--------------|----------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF<br>[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
| 1               | 3612.7806      | 51.64             | -44.37         | 29.00        | -58.99         | -13.00         | 45.99          | 252            | 270          | Vertical |
| 2               | 5637.1319      | 52.09             | -41.33         | 32.53        | -51.97         | -13.00         | 38.97          | 213            | 140          | Vertical |
| 3               | 7692.9846      | 50.63             | -37.65         | 36.77        | -45.51         | -13.00         | 32.51          | 222            | 100          | Vertical |
| 4               | 9455.5728      | 51.91             | -35.73         | 37.53        | -41.55         | -13.00         | 28.55          | 316            | 53           | Vertical |
| 5               | 11089.1545     | 51.40             | -37.52         | 40.19        | -41.19         | -13.00         | 28.19          | 220            | 179          | Vertical |
| 6               | 15207.6104     | 54.40             | -35.36         | 39.72        | -36.50         | -13.00         | 23.50          | 226            | 148          | Vertical |



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房

t (86-755) 26012053 www.sgsgroup.com.cn  
t (86-755) 26012053 sgs.china@sgs.com



Test Band = LTE\_66 ANT 31\_20MHz\_TM1

Test Channel = MCH

| Final Data List |                |                   |                |              |                |                |                |                |              |            |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|--------------|------------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF<br>[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
| 1               | 3633.7817      | 51.55             | -44.40         | 29.17        | -58.94         | -13.00         | 45.94          | 233            | 56           | Horizontal |
| 2               | 5676.1338      | 51.98             | -41.21         | 32.50        | -51.99         | -13.00         | 38.99          | 251            | 128          | Horizontal |
| 3               | 7434.2217      | 51.10             | -38.28         | 36.77        | -45.67         | -13.00         | 32.67          | 266            | 218          | Horizontal |
| 4               | 9893.5947      | 50.25             | -35.01         | 38.55        | -41.47         | -13.00         | 28.47          | 169            | 222          | Horizontal |
| 5               | 11039.652      | 51.16             | -37.22         | 40.14        | -41.18         | -13.00         | 28.18          | 222            | 341          | Horizontal |
| 6               | 15204.6102     | 54.33             | -35.33         | 39.71        | -36.55         | -13.00         | 23.55          | 216            | 112          | Horizontal |

| Final Data List |                |                   |                |              |                |                |                |                |              |          |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|--------------|----------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF<br>[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
| 1               | 3601.5301      | 51.72             | -44.35         | 28.91        | -58.98         | -13.00         | 45.98          | 311            | 101          | Vertical |
| 2               | 5592.8796      | 52.12             | -41.47         | 32.54        | -52.07         | -13.00         | 39.07          | 241            | 104          | Vertical |
| 3               | 7697.4849      | 50.09             | -37.59         | 36.79        | -45.97         | -13.00         | 32.97          | 100            | 133          | Vertical |
| 4               | 9502.8251      | 51.81             | -36.00         | 37.80        | -41.65         | -13.00         | 28.65          | 216            | 354          | Vertical |
| 5               | 11101.1551     | 51.31             | -37.61         | 40.20        | -41.36         | -13.00         | 28.36          | 222            | 232          | Vertical |
| 6               | 15195.6098     | 54.49             | -35.46         | 39.73        | -36.50         | -13.00         | 23.50          | 331            | 140          | Vertical |



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房

t (86-755) 26012053 www.sgsgroup.com.cn  
t (86-755) 26012053 sgs.china@sgs.com



Test Band = LTE\_66 ANT 31\_20MHz\_TM1

Test Channel = HCH

| Final Data List |                |                   |                |              |                |                |                |                |              |            |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|--------------|------------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF<br>[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
| 1               | 3969.7985      | 51.21             | -44.18         | 29.86        | -58.37         | -13.00         | 45.37          | 187            | 233          | Horizontal |
| 2               | 5152.6076      | 52.11             | -42.54         | 31.81        | -53.88         | -13.00         | 40.88          | 167            | 322          | Horizontal |
| 3               | 6454.6727      | 51.12             | -40.62         | 33.85        | -50.91         | -13.00         | 37.91          | 285            | 26           | Horizontal |
| 4               | 8497.7749      | 50.39             | -36.47         | 36.50        | -44.84         | -13.00         | 31.84          | 336            | 189          | Horizontal |
| 5               | 9457.8229      | 51.85             | -35.74         | 37.55        | -41.60         | -13.00         | 28.60          | 326            | 81           | Horizontal |
| 6               | 16598.9299     | 54.72             | -35.34         | 39.50        | -36.38         | -13.00         | 23.38          | 240            | 30           | Horizontal |

| Final Data List |                |                   |                |              |                |                |                |                |              |          |
|-----------------|----------------|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|--------------|----------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF<br>[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
| 1               | 3987.7994      | 51.15             | -44.17         | 29.82        | -58.46         | -13.00         | 45.46          | 138            | 324          | Vertical |
| 2               | 5633.3817      | 52.13             | -41.34         | 32.53        | -51.94         | -13.00         | 38.94          | 176            | 195          | Vertical |
| 3               | 7443.2222      | 50.91             | -38.28         | 36.79        | -45.84         | -13.00         | 32.84          | 197            | 10           | Vertical |
| 4               | 9431.5716      | 52.14             | -35.58         | 37.43        | -41.27         | -13.00         | 28.27          | 184            | 236          | Vertical |
| 5               | 11026.1513     | 51.05             | -37.14         | 40.13        | -41.22         | -13.00         | 28.22          | 128            | 236          | Vertical |
| 6               | 15218.8609     | 54.53             | -35.46         | 39.74        | -36.45         | -13.00         | 23.45          | 122            | 71           | Vertical |



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房

t (86-755) 26012053 www.sgsgroup.com.cn  
t (86-755) 26012053 sgs.china@sgs.com



**Test on the worst case:**

**Test Band = LTE\_66 ANT 31\_20MHz\_TM1**

**Test Channel = HCH**

| Final Data List |                |                   |                |          |                |                |                |            |
|-----------------|----------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1               | 3000           | 38.48             | -16.79         | 29.80    | -43.77         | -13.00         | 30.77          | Horizontal |
| 2               | 3612.7806      | 53.99             | -49.51         | 30.25    | -60.53         | -13.00         | 47.53          | Horizontal |
| 3               | 5680.634       | 51.42             | -44.92         | 33.42    | -55.34         | -13.00         | 42.34          | Horizontal |
| 4               | 9511.8256      | 49.39             | -41.53         | 39.18    | -48.22         | -13.00         | 35.22          | Horizontal |
| 5               | 12238.2119     | 51.54             | -37.96         | 39.58    | -42.10         | -13.00         | 34.10          | Horizontal |
| 6               | 16432.4216     | 62.93             | -43.09         | 38.26    | -37.16         | -13.00         | 24.16          | Horizontal |

| Final Data List |                |                   |                |          |                |                |                |          |
|-----------------|----------------|-------------------|----------------|----------|----------------|----------------|----------------|----------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1               | 2935.992       | 38.29             | -17.10         | 29.24    | -44.83         | -13.00         | 31.83          | Vertical |
| 2               | 6496.6748      | 49.91             | -44.13         | 35.05    | -54.43         | -13.00         | 41.43          | Vertical |
| 3               | 8550.2775      | 48.41             | -42.25         | 39.10    | -50.00         | -13.00         | 37.00          | Vertical |
| 4               | 11068.1534     | 52.11             | -39.55         | 39.43    | -43.27         | -13.00         | 30.27          | Vertical |
| 5               | 14225.8113     | 51.42             | -39.79         | 40.77    | -42.86         | -13.00         | 29.86          | Vertical |
| 6               | 16448.9224     | 62.77             | -43.40         | 38.30    | -37.59         | -13.00         | 24.59          | Vertical |

**Remark:**

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



## Frequency Stability

### Test Result

| Voltage |           |            |         |              |               |                  |                |                 |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
| Band66  | 20MHz     | QPSK       | 132322  | 100RB#0      | VN            | NT               | -3.70          | -0.002120       | PASS    |
| Band66  | 20MHz     | QPSK       | 132322  | 100RB#0      | VL            | NT               | -0.50          | -0.000287       | PASS    |
| Band66  | 20MHz     | QPSK       | 132322  | 100RB#0      | VH            | NT               | -4.70          | -0.002693       | PASS    |

| Temperature |           |            |         |              |               |                  |                |                 |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
| Band66      | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | -30              | -3.80          | -0.002178       | PASS    |
| Band66      | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | -20              | -3.40          | -0.001948       | PASS    |
| Band66      | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | -10              | -3.50          | -0.002006       | PASS    |
| Band66      | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | 0                | 0.00           | 0.000000        | PASS    |
| Band66      | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | 10               | -0.80          | -0.000458       | PASS    |
| Band66      | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | 20               | 0.60           | 0.000344        | PASS    |
| Band66      | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | 30               | -2.30          | -0.001318       | PASS    |
| Band66      | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | 40               | -0.60          | -0.000344       | PASS    |
| Band66      | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | 50               | -4.00          | -0.002292       | PASS    |

---End of Attachment---



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com