## 1.14 30k_SISO_50MHz_NTNV_EIRP

### 1.14.1 Test Result

| 5G NR n77a SCS=30kHz SISO 50MHz NTNV | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Conducted Power(dBm) | | | EIRP(dBm) | | | | Verdict |
| | | | Ant5 | Ant2 | Sum | Ant5 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3725.01 | Edge_1RB_Left | 20.94 | / | / | 18.14 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.60 | / | / | 18.80 | / | / | <=30 | Pass |
| | | Outer_Full | 23.70 | / | / | 20.90 | / | / | <=30 | Pass |
| | | Inner_Full | 24.81 | / | / | 22.01 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.41 | / | / | 21.61 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.99 | / | / | 22.19 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.08 | / | / | 18.28 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.51 | / | / | 18.71 | / | / | <=30 | Pass |
| | | Outer_Full | 24.58 | / | / | 21.78 | / | / | <=30 | Pass |
| | | Inner_Full | 25.11 | / | / | 22.31 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.80 | / | / | 22.00 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.76 | / | / | 21.96 | / | / | <=30 | Pass |
| | 3954.99 | Edge_1RB_Left | 21.34 | / | / | 18.54 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.40 | / | / | 18.60 | / | / | <=30 | Pass |
| | | Outer_Full | 24.27 | / | / | 21.47 | / | / | <=30 | Pass |
| | | Inner_Full | 24.69 | / | / | 21.89 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.54 | / | / | 21.74 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.53 | / | / | 21.73 | / | / | <=30 | Pass |
| DFT-s-OFDM QPSK | 3725.01 | Edge_1RB_Left | 20.93 | / | / | 18.13 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.57 | / | / | 18.77 | / | / | <=30 | Pass |
| | | Outer_Full | 23.84 | / | / | 21.04 | / | / | <=30 | Pass |
| | | Inner_Full | 24.75 | / | / | 21.95 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.41 | / | / | 21.61 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.84 | / | / | 22.04 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.14 | / | / | 18.34 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.60 | / | / | 18.80 | / | / | <=30 | Pass |
| | | Outer_Full | 23.91 | / | / | 21.11 | / | / | <=30 | Pass |
| | | Inner_Full | 25.19 | / | / | 22.39 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.65 | / | / | 21.85 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.95 | / | / | 22.15 | / | / | <=30 | Pass |
| | 3954.99 | Edge_1RB_Left | 21.49 | / | / | 18.69 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.46 | / | / | 18.66 | / | / | <=30 | Pass |
| | | Outer_Full | 23.84 | / | / | 21.04 | / | / | <=30 | Pass |
| | | Inner_Full | 24.70 | / | / | 21.90 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.71 | / | / | 21.91 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.58 | / | / | 21.78 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM | 3725.01 | Edge_1RB_Left | 20.83 | / | / | 18.03 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.75 | / | / | 18.95 | / | / | <=30 | Pass |
| | | Outer_Full | 22.78 | / | / | 19.98 | / | / | <=30 | Pass |
| | | Inner_Full | 23.73 | / | / | 20.93 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.22 | / | / | 20.42 | / | / | <=30 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Right | 24.00 | / | / | 21.20 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.11 | / | / | 18.31 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.52 | / | / | 18.72 | / | / | <=30 | Pass |
| | | Outer_Full | 23.02 | / | / | 20.22 | / | / | <=30 | Pass |
| | | Inner_Full | 23.98 | / | / | 21.18 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.86 | / | / | 21.06 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.99 | / | / | 21.19 | / | / | <=30 | Pass |
| | 3954.99 | Edge_1RB_Left | 21.45 | / | / | 18.65 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.26 | / | / | 18.46 | / | / | <=30 | Pass |
| | | Outer_Full | 22.91 | / | / | 20.11 | / | / | <=30 | Pass |
| | | Inner_Full | 23.70 | / | / | 20.90 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.73 | / | / | 20.93 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.68 | / | / | 20.88 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM | 3725.01 | Edge_1RB_Left | 20.82 | / | / | 18.02 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.40 | / | / | 18.60 | / | / | <=30 | Pass |
| | | Outer_Full | 22.33 | / | / | 19.53 | / | / | <=30 | Pass |
| | | Inner_Full | 22.32 | / | / | 19.52 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.00 | / | / | 19.20 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.70 | / | / | 19.90 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.47 | / | / | 18.67 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.47 | / | / | 18.67 | / | / | <=30 | Pass |
| | | Outer_Full | 22.38 | / | / | 19.58 | / | / | <=30 | Pass |
| | | Inner_Full | 22.54 | / | / | 19.74 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.25 | / | / | 19.45 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.45 | / | / | 19.65 | / | / | <=30 | Pass |
| | 3954.99 | Edge_1RB_Left | 21.29 | / | / | 18.49 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.58 | / | / | 18.78 | / | / | <=30 | Pass |
| | | Outer_Full | 22.39 | / | / | 19.59 | / | / | <=30 | Pass |
| | | Inner_Full | 22.39 | / | / | 19.59 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.64 | / | / | 19.84 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.53 | / | / | 19.73 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3725.01 | Edge_1RB_Left | 19.94 | / | / | 17.14 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.38 | / | / | 17.58 | / | / | <=30 | Pass |
| | | Outer_Full | 20.35 | / | / | 17.55 | / | / | <=30 | Pass |
| | | Inner_Full | 20.34 | / | / | 17.54 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 19.90 | / | / | 17.10 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.43 | / | / | 17.63 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 20.11 | / | / | 17.31 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.52 | / | / | 17.72 | / | / | <=30 | Pass |
| | | Outer_Full | 20.53 | / | / | 17.73 | / | / | <=30 | Pass |
| | | Inner_Full | 20.58 | / | / | 17.78 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.26 | / | / | 17.46 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.59 | / | / | 17.79 | / | / | <=30 | Pass |
| | 3954.99 | Edge_1RB_Left | 20.40 | / | / | 17.60 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.46 | / | / | 17.66 | / | / | <=30 | Pass |
| | | Outer_Full | 20.39 | / | / | 17.59 | / | / | <=30 | Pass |
| | | Inner_Full | 20.54 | / | / | 17.74 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.44 | / | / | 17.64 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.45 | / | / | 17.65 | / | / | <=30 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| CP-OFDM QPSK | 3725.01 | Edge_1RB_Left | 20.73 | / | / | 17.93 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.19 | / | / | 18.39 | / | / | <=30 | Pass |
| | | Outer_Full | 21.70 | / | / | 18.90 | / | / | <=30 | Pass |
| | | Inner_Full | 23.27 | / | / | 20.47 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.66 | / | / | 19.86 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.24 | / | / | 20.44 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.08 | / | / | 18.28 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.32 | / | / | 18.52 | / | / | <=30 | Pass |
| | | Outer_Full | 21.83 | / | / | 19.03 | / | / | <=30 | Pass |
| | | Inner_Full | 23.51 | / | / | 20.71 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.93 | / | / | 20.13 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.15 | / | / | 20.35 | / | / | <=30 | Pass |
| | 3954.99 | Edge_1RB_Left | 20.99 | / | / | 18.19 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.10 | / | / | 18.30 | / | / | <=30 | Pass |
| | | Outer_Full | 22.01 | / | / | 19.21 | / | / | <=30 | Pass |
| | | Inner_Full | 23.42 | / | / | 20.62 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.08 | / | / | 20.28 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.09 | / | / | 20.29 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM | 3725.01 | Edge_1RB_Left | 20.81 | / | / | 18.01 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.58 | / | / | 18.78 | / | / | <=30 | Pass |
| | | Outer_Full | 21.79 | / | / | 18.99 | / | / | <=30 | Pass |
| | | Inner_Full | 22.80 | / | / | 20.00 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.51 | / | / | 19.71 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.11 | / | / | 20.31 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.24 | / | / | 18.44 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.65 | / | / | 18.85 | / | / | <=30 | Pass |
| | | Outer_Full | 22.00 | / | / | 19.20 | / | / | <=30 | Pass |
| | | Inner_Full | 23.02 | / | / | 20.22 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.86 | / | / | 20.06 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.04 | / | / | 20.24 | / | / | <=30 | Pass |
| | 3954.99 | Edge_1RB_Left | 21.33 | / | / | 18.53 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.47 | / | / | 18.67 | / | / | <=30 | Pass |
| | | Outer_Full | 22.06 | / | / | 19.26 | / | / | <=30 | Pass |
| | | Inner_Full | 22.88 | / | / | 20.08 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.89 | / | / | 20.09 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.83 | / | / | 20.03 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM | 3725.01 | Edge_1RB_Left | 20.86 | / | / | 18.06 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.58 | / | / | 18.78 | / | / | <=30 | Pass |
| | | Outer_Full | 21.30 | / | / | 18.50 | / | / | <=30 | Pass |
| | | Inner_Full | 21.22 | / | / | 18.42 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.84 | / | / | 18.04 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.44 | / | / | 18.64 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.24 | / | / | 18.44 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.54 | / | / | 18.74 | / | / | <=30 | Pass |
| | | Outer_Full | 21.38 | / | / | 18.58 | / | / | <=30 | Pass |
| | | Inner_Full | 21.56 | / | / | 18.76 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.29 | / | / | 18.49 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.37 | / | / | 18.57 | / | / | <=30 | Pass |
| | 3954.99 | Edge_1RB_Left | 21.29 | / | / | 18.49 | / | / | <=30 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Edge_1RB_Right | 21.45 | / | / | 18.65 | / | / | <=30 | Pass |
| | | Outer_Full | 21.53 | / | / | 18.73 | / | / | <=30 | Pass |
| | | Inner_Full | 21.56 | / | / | 18.76 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.42 | / | / | 18.62 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.38 | / | / | 18.58 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3725.01 | Edge_1RB_Left | 17.80 | / | / | 15.00 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.52 | / | / | 15.72 | / | / | <=30 | Pass |
| | | Outer_Full | 18.13 | / | / | 15.33 | / | / | <=30 | Pass |
| | | Inner_Full | 18.36 | / | / | 15.56 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 17.93 | / | / | 15.13 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.57 | / | / | 15.77 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 18.29 | / | / | 15.49 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.55 | / | / | 15.75 | / | / | <=30 | Pass |
| | | Outer_Full | 18.40 | / | / | 15.60 | / | / | <=30 | Pass |
| | | Inner_Full | 18.56 | / | / | 15.76 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.41 | / | / | 15.61 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.45 | / | / | 15.65 | / | / | <=30 | Pass |
| | 3954.99 | Edge_1RB_Left | 18.23 | / | / | 15.43 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.30 | / | / | 15.50 | / | / | <=30 | Pass |
| | | Outer_Full | 18.56 | / | / | 15.76 | / | / | <=30 | Pass |
| | | Inner_Full | 18.58 | / | / | 15.78 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.49 | / | / | 15.69 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.52 | / | / | 15.72 | / | / | <=30 | Pass |

Note1: Antenna Gain: Ant5: -2.80dBi;
Note2: EIRP=Conducted Power+Antenna Gain

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
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

## 1.15 30k_SISO_60MHz_NTNV_EIRP

### 1.15.1 Test Result

| 5G NR n77a SCS=30kHz SISO 60MHz NTNV | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Conducted Power(dBm) | | | EIRP(dBm) | | | | Verdict |
| | | | Ant5 | Ant2 | Sum | Ant5 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3730.02 | Edge_1RB_Left | 21.01 | / | / | 18.21 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.30 | / | / | 18.50 | / | / | <=30 | Pass |
| | | Outer_Full | 24.29 | / | / | 21.49 | / | / | <=30 | Pass |
| | | Inner_Full | 24.93 | / | / | 22.13 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.42 | / | / | 21.62 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.74 | / | / | 21.94 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 20.94 | / | / | 18.14 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.50 | / | / | 18.70 | / | / | <=30 | Pass |
| | | Outer_Full | 24.36 | / | / | 21.56 | / | / | <=30 | Pass |
| | | Inner_Full | 24.78 | / | / | 21.98 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.69 | / | / | 21.89 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.76 | / | / | 21.96 | / | / | <=30 | Pass |
| | 3949.98 | Edge_1RB_Left | 20.97 | / | / | 18.17 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.46 | / | / | 18.66 | / | / | <=30 | Pass |
| | | Outer_Full | 24.05 | / | / | 21.25 | / | / | <=30 | Pass |
| | | Inner_Full | 24.65 | / | / | 21.85 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.43 | / | / | 21.63 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.59 | / | / | 21.79 | / | / | <=30 | Pass |
| DFT-s-OFDM QPSK | 3730.02 | Edge_1RB_Left | 21.04 | / | / | 18.24 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.53 | / | / | 18.73 | / | / | <=30 | Pass |
| | | Outer_Full | 23.77 | / | / | 20.97 | / | / | <=30 | Pass |
| | | Inner_Full | 24.77 | / | / | 21.97 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.50 | / | / | 21.70 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.76 | / | / | 21.96 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.03 | / | / | 18.23 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.33 | / | / | 18.53 | / | / | <=30 | Pass |
| | | Outer_Full | 23.91 | / | / | 21.11 | / | / | <=30 | Pass |
| | | Inner_Full | 25.02 | / | / | 22.22 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.74 | / | / | 21.94 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.84 | / | / | 22.04 | / | / | <=30 | Pass |
| | 3949.98 | Edge_1RB_Left | 21.08 | / | / | 18.28 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.56 | / | / | 18.76 | / | / | <=30 | Pass |
| | | Outer_Full | 23.70 | / | / | 20.90 | / | / | <=30 | Pass |
| | | Inner_Full | 24.65 | / | / | 21.85 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.39 | / | / | 21.59 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.63 | / | / | 21.83 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM | 3730.02 | Edge_1RB_Left | 21.09 | / | / | 18.29 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.34 | / | / | 18.54 | / | / | <=30 | Pass |
| | | Outer_Full | 22.67 | / | / | 19.87 | / | / | <=30 | Pass |
| | | Inner_Full | 23.87 | / | / | 21.07 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.41 | / | / | 20.61 | / | / | <=30 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Right | 23.84 | / | / | 21.04 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.22 | / | / | 18.42 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.51 | / | / | 18.71 | / | / | <=30 | Pass |
| | | Outer_Full | 22.93 | / | / | 20.13 | / | / | <=30 | Pass |
| | | Inner_Full | 24.02 | / | / | 21.22 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.79 | / | / | 20.99 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.84 | / | / | 21.04 | / | / | <=30 | Pass |
| | 3949.98 | Edge_1RB_Left | 21.27 | / | / | 18.47 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.54 | / | / | 18.74 | / | / | <=30 | Pass |
| | | Outer_Full | 22.86 | / | / | 20.06 | / | / | <=30 | Pass |
| | | Inner_Full | 23.65 | / | / | 20.85 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.48 | / | / | 20.68 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.66 | / | / | 20.86 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM | 3730.02 | Edge_1RB_Left | 21.12 | / | / | 18.32 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.53 | / | / | 18.73 | / | / | <=30 | Pass |
| | | Outer_Full | 22.35 | / | / | 19.55 | / | / | <=30 | Pass |
| | | Inner_Full | 22.44 | / | / | 19.64 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.97 | / | / | 19.17 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.60 | / | / | 19.80 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.10 | / | / | 18.30 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.41 | / | / | 18.61 | / | / | <=30 | Pass |
| | | Outer_Full | 22.28 | / | / | 19.48 | / | / | <=30 | Pass |
| | | Inner_Full | 22.44 | / | / | 19.64 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.09 | / | / | 19.29 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.67 | / | / | 19.87 | / | / | <=30 | Pass |
| | 3949.98 | Edge_1RB_Left | 21.19 | / | / | 18.39 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.49 | / | / | 18.69 | / | / | <=30 | Pass |
| | | Outer_Full | 22.42 | / | / | 19.62 | / | / | <=30 | Pass |
| | | Inner_Full | 22.40 | / | / | 19.60 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.40 | / | / | 19.60 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.55 | / | / | 19.75 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3730.02 | Edge_1RB_Left | 20.04 | / | / | 17.24 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.51 | / | / | 17.71 | / | / | <=30 | Pass |
| | | Outer_Full | 20.23 | / | / | 17.43 | / | / | <=30 | Pass |
| | | Inner_Full | 20.48 | / | / | 17.68 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 19.98 | / | / | 17.18 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.32 | / | / | 17.52 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 20.03 | / | / | 17.23 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.33 | / | / | 17.53 | / | / | <=30 | Pass |
| | | Outer_Full | 20.41 | / | / | 17.61 | / | / | <=30 | Pass |
| | | Inner_Full | 20.27 | / | / | 17.47 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.18 | / | / | 17.38 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.28 | / | / | 17.48 | / | / | <=30 | Pass |
| | 3949.98 | Edge_1RB_Left | 20.22 | / | / | 17.42 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.53 | / | / | 17.73 | / | / | <=30 | Pass |
| | | Outer_Full | 20.45 | / | / | 17.65 | / | / | <=30 | Pass |
| | | Inner_Full | 20.19 | / | / | 17.39 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.29 | / | / | 17.49 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.32 | / | / | 17.52 | / | / | <=30 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| CP-OFDM QPSK | 3730.02 | Edge_1RB_Left | 20.64 | / | / | 17.84 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.23 | / | / | 18.43 | / | / | <=30 | Pass |
| | | Outer_Full | 21.80 | / | / | 19.00 | / | / | <=30 | Pass |
| | | Inner_Full | 23.38 | / | / | 20.58 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.80 | / | / | 20.00 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.29 | / | / | 20.49 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 20.99 | / | / | 18.19 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.27 | / | / | 18.47 | / | / | <=30 | Pass |
| | | Outer_Full | 21.74 | / | / | 18.94 | / | / | <=30 | Pass |
| | | Inner_Full | 23.41 | / | / | 20.61 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.81 | / | / | 20.01 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.12 | / | / | 20.32 | / | / | <=30 | Pass |
| | 3949.98 | Edge_1RB_Left | 20.80 | / | / | 18.00 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.21 | / | / | 18.41 | / | / | <=30 | Pass |
| | | Outer_Full | 21.69 | / | / | 18.89 | / | / | <=30 | Pass |
| | | Inner_Full | 23.30 | / | / | 20.50 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.90 | / | / | 20.10 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.18 | / | / | 20.38 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM | 3730.02 | Edge_1RB_Left | 21.04 | / | / | 18.24 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.52 | / | / | 18.72 | / | / | <=30 | Pass |
| | | Outer_Full | 21.76 | / | / | 18.96 | / | / | <=30 | Pass |
| | | Inner_Full | 22.76 | / | / | 19.96 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.48 | / | / | 19.68 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.96 | / | / | 20.16 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.14 | / | / | 18.34 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.53 | / | / | 18.73 | / | / | <=30 | Pass |
| | | Outer_Full | 21.75 | / | / | 18.95 | / | / | <=30 | Pass |
| | | Inner_Full | 22.82 | / | / | 20.02 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.80 | / | / | 20.00 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.98 | / | / | 20.18 | / | / | <=30 | Pass |
| | 3949.98 | Edge_1RB_Left | 21.33 | / | / | 18.53 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.50 | / | / | 18.70 | / | / | <=30 | Pass |
| | | Outer_Full | 21.91 | / | / | 19.11 | / | / | <=30 | Pass |
| | | Inner_Full | 22.80 | / | / | 20.00 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.72 | / | / | 19.92 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.83 | / | / | 20.03 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM | 3730.02 | Edge_1RB_Left | 21.05 | / | / | 18.25 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.34 | / | / | 18.54 | / | / | <=30 | Pass |
| | | Outer_Full | 21.24 | / | / | 18.44 | / | / | <=30 | Pass |
| | | Inner_Full | 21.30 | / | / | 18.50 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.98 | / | / | 18.18 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.48 | / | / | 18.68 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.23 | / | / | 18.43 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.48 | / | / | 18.68 | / | / | <=30 | Pass |
| | | Outer_Full | 21.25 | / | / | 18.45 | / | / | <=30 | Pass |
| | | Inner_Full | 21.21 | / | / | 18.41 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.10 | / | / | 18.30 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.33 | / | / | 18.53 | / | / | <=30 | Pass |
| | 3949.98 | Edge_1RB_Left | 21.09 | / | / | 18.29 | / | / | <=30 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Edge_1RB_Right | 21.57 | / | / | 18.77 | / | / | <=30 | Pass |
| | | Outer_Full | 21.41 | / | / | 18.61 | / | / | <=30 | Pass |
| | | Inner_Full | 21.26 | / | / | 18.46 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.28 | / | / | 18.48 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.39 | / | / | 18.59 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3730.02 | Edge_1RB_Left | 17.98 | / | / | 15.18 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.42 | / | / | 15.62 | / | / | <=30 | Pass |
| | | Outer_Full | 18.29 | / | / | 15.49 | / | / | <=30 | Pass |
| | | Inner_Full | 18.31 | / | / | 15.51 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 17.94 | / | / | 15.14 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.44 | / | / | 15.64 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 18.24 | / | / | 15.44 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.52 | / | / | 15.72 | / | / | <=30 | Pass |
| | | Outer_Full | 18.30 | / | / | 15.50 | / | / | <=30 | Pass |
| | | Inner_Full | 18.39 | / | / | 15.59 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.24 | / | / | 15.44 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.54 | / | / | 15.74 | / | / | <=30 | Pass |
| | 3949.98 | Edge_1RB_Left | 18.11 | / | / | 15.31 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.54 | / | / | 15.74 | / | / | <=30 | Pass |
| | | Outer_Full | 18.47 | / | / | 15.67 | / | / | <=30 | Pass |
| | | Inner_Full | 18.38 | / | / | 15.58 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.13 | / | / | 15.33 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.46 | / | / | 15.66 | / | / | <=30 | Pass |

Note1: Antenna Gain: Ant5: -2.80dBi;
Note2: EIRP=Conducted Power+Antenna Gain

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
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

## 1.16 30k_SISO_70MHz_NTNV_EIRP

### 1.16.1 Test Result

| 5G NR n77a SCS=30kHz SISO 70MHz NTNV | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Conducted Power(dBm) | | | EIRP(dBm) | | | | Verdict |
| | | | Ant5 | Ant2 | Sum | Ant5 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3735 | Edge_1RB_Left | 20.82 | / | / | 18.02 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.37 | / | / | 18.57 | / | / | <=30 | Pass |
| | | Outer_Full | 23.63 | / | / | 20.83 | / | / | <=30 | Pass |
| | | Inner_Full | 24.81 | / | / | 22.01 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.18 | / | / | 21.38 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.96 | / | / | 22.16 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.22 | / | / | 18.42 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.44 | / | / | 18.64 | / | / | <=30 | Pass |
| | | Outer_Full | 24.60 | / | / | 21.80 | / | / | <=30 | Pass |
| | | Inner_Full | 24.99 | / | / | 22.19 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.73 | / | / | 21.93 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.63 | / | / | 21.83 | / | / | <=30 | Pass |
| | 3945 | Edge_1RB_Left | 21.14 | / | / | 18.34 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.59 | / | / | 18.79 | / | / | <=30 | Pass |
| | | Outer_Full | 24.31 | / | / | 21.51 | / | / | <=30 | Pass |
| | | Inner_Full | 24.54 | / | / | 21.74 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.42 | / | / | 21.62 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.65 | / | / | 21.85 | / | / | <=30 | Pass |
| DFT-s-OFDM QPSK | 3735 | Edge_1RB_Left | 20.74 | / | / | 17.94 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.31 | / | / | 18.51 | / | / | <=30 | Pass |
| | | Outer_Full | 23.78 | / | / | 20.98 | / | / | <=30 | Pass |
| | | Inner_Full | 24.93 | / | / | 22.13 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.31 | / | / | 21.51 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.79 | / | / | 21.99 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.30 | / | / | 18.50 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.46 | / | / | 18.66 | / | / | <=30 | Pass |
| | | Outer_Full | 23.99 | / | / | 21.19 | / | / | <=30 | Pass |
| | | Inner_Full | 24.86 | / | / | 22.06 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.68 | / | / | 21.88 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.68 | / | / | 21.88 | / | / | <=30 | Pass |
| | 3945 | Edge_1RB_Left | 21.23 | / | / | 18.43 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.65 | / | / | 18.85 | / | / | <=30 | Pass |
| | | Outer_Full | 23.87 | / | / | 21.07 | / | / | <=30 | Pass |
| | | Inner_Full | 24.69 | / | / | 21.89 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.39 | / | / | 21.59 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.76 | / | / | 21.96 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM | 3735 | Edge_1RB_Left | 21.01 | / | / | 18.21 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.48 | / | / | 18.68 | / | / | <=30 | Pass |
| | | Outer_Full | 22.77 | / | / | 19.97 | / | / | <=30 | Pass |
| | | Inner_Full | 23.69 | / | / | 20.89 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.31 | / | / | 20.51 | / | / | <=30 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Right | 23.98 | / | / | 21.18 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.15 | / | / | 18.35 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.51 | / | / | 18.71 | / | / | <=30 | Pass |
| | | Outer_Full | 23.04 | / | / | 20.24 | / | / | <=30 | Pass |
| | | Inner_Full | 23.85 | / | / | 21.05 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.68 | / | / | 20.88 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.87 | / | / | 21.07 | / | / | <=30 | Pass |
| | 3945 | Edge_1RB_Left | 21.28 | / | / | 18.48 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.64 | / | / | 18.84 | / | / | <=30 | Pass |
| | | Outer_Full | 22.90 | / | / | 20.10 | / | / | <=30 | Pass |
| | | Inner_Full | 23.78 | / | / | 20.98 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.74 | / | / | 20.94 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.07 | / | / | 21.27 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM | 3735 | Edge_1RB_Left | 20.99 | / | / | 18.19 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.39 | / | / | 18.59 | / | / | <=30 | Pass |
| | | Outer_Full | 22.12 | / | / | 19.32 | / | / | <=30 | Pass |
| | | Inner_Full | 22.25 | / | / | 19.45 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.96 | / | / | 19.16 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.34 | / | / | 19.54 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.38 | / | / | 18.58 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.60 | / | / | 18.80 | / | / | <=30 | Pass |
| | | Outer_Full | 22.48 | / | / | 19.68 | / | / | <=30 | Pass |
| | | Inner_Full | 22.38 | / | / | 19.58 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.34 | / | / | 19.54 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.39 | / | / | 19.59 | / | / | <=30 | Pass |
| | 3945 | Edge_1RB_Left | 21.16 | / | / | 18.36 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.82 | / | / | 19.02 | / | / | <=30 | Pass |
| | | Outer_Full | 22.20 | / | / | 19.40 | / | / | <=30 | Pass |
| | | Inner_Full | 22.35 | / | / | 19.55 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.34 | / | / | 19.54 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.69 | / | / | 19.89 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3735 | Edge_1RB_Left | 19.79 | / | / | 16.99 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.31 | / | / | 17.51 | / | / | <=30 | Pass |
| | | Outer_Full | 20.19 | / | / | 17.39 | / | / | <=30 | Pass |
| | | Inner_Full | 20.19 | / | / | 17.39 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 19.81 | / | / | 17.01 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.45 | / | / | 17.65 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 20.27 | / | / | 17.47 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.50 | / | / | 17.70 | / | / | <=30 | Pass |
| | | Outer_Full | 20.35 | / | / | 17.55 | / | / | <=30 | Pass |
| | | Inner_Full | 20.55 | / | / | 17.75 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.30 | / | / | 17.50 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.49 | / | / | 17.69 | / | / | <=30 | Pass |
| | 3945 | Edge_1RB_Left | 20.18 | / | / | 17.38 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.68 | / | / | 17.88 | / | / | <=30 | Pass |
| | | Outer_Full | 20.42 | / | / | 17.62 | / | / | <=30 | Pass |
| | | Inner_Full | 20.39 | / | / | 17.59 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.21 | / | / | 17.41 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.63 | / | / | 17.83 | / | / | <=30 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| CP-OFDM QPSK | 3735 | Edge_1RB_Left | 20.72 | / | / | 17.92 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.28 | / | / | 18.48 | / | / | <=30 | Pass |
| | | Outer_Full | 21.89 | / | / | 19.09 | / | / | <=30 | Pass |
| | | Inner_Full | 23.21 | / | / | 20.41 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.58 | / | / | 19.78 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.18 | / | / | 20.38 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.07 | / | / | 18.27 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.10 | / | / | 18.30 | / | / | <=30 | Pass |
| | | Outer_Full | 22.02 | / | / | 19.22 | / | / | <=30 | Pass |
| | | Inner_Full | 23.45 | / | / | 20.65 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.96 | / | / | 20.16 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.15 | / | / | 20.35 | / | / | <=30 | Pass |
| | 3945 | Edge_1RB_Left | 20.88 | / | / | 18.08 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.33 | / | / | 18.53 | / | / | <=30 | Pass |
| | | Outer_Full | 21.94 | / | / | 19.14 | / | / | <=30 | Pass |
| | | Inner_Full | 23.30 | / | / | 20.50 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.88 | / | / | 20.08 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.28 | / | / | 20.48 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM | 3735 | Edge_1RB_Left | 21.06 | / | / | 18.26 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.59 | / | / | 18.79 | / | / | <=30 | Pass |
| | | Outer_Full | 21.66 | / | / | 18.86 | / | / | <=30 | Pass |
| | | Inner_Full | 22.82 | / | / | 20.02 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.52 | / | / | 19.72 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.98 | / | / | 20.18 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.38 | / | / | 18.58 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.55 | / | / | 18.75 | / | / | <=30 | Pass |
| | | Outer_Full | 22.09 | / | / | 19.29 | / | / | <=30 | Pass |
| | | Inner_Full | 22.94 | / | / | 20.14 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.93 | / | / | 20.13 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.88 | / | / | 20.08 | / | / | <=30 | Pass |
| | 3945 | Edge_1RB_Left | 21.06 | / | / | 18.26 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.51 | / | / | 18.71 | / | / | <=30 | Pass |
| | | Outer_Full | 21.76 | / | / | 18.96 | / | / | <=30 | Pass |
| | | Inner_Full | 22.86 | / | / | 20.06 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.54 | / | / | 19.74 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.08 | / | / | 20.28 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM | 3735 | Edge_1RB_Left | 20.95 | / | / | 18.15 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.38 | / | / | 18.58 | / | / | <=30 | Pass |
| | | Outer_Full | 21.34 | / | / | 18.54 | / | / | <=30 | Pass |
| | | Inner_Full | 21.24 | / | / | 18.44 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.86 | / | / | 18.06 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.55 | / | / | 18.75 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.18 | / | / | 18.38 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.37 | / | / | 18.57 | / | / | <=30 | Pass |
| | | Outer_Full | 21.51 | / | / | 18.71 | / | / | <=30 | Pass |
| | | Inner_Full | 21.48 | / | / | 18.68 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.35 | / | / | 18.55 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.53 | / | / | 18.73 | / | / | <=30 | Pass |
| | 3945 | Edge_1RB_Left | 21.20 | / | / | 18.40 | / | / | <=30 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Edge_1RB_Right | 21.47 | / | / | 18.67 | / | / | <=30 | Pass |
| | | Outer_Full | 21.42 | / | / | 18.62 | / | / | <=30 | Pass |
| | | Inner_Full | 21.33 | / | / | 18.53 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.22 | / | / | 18.42 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.48 | / | / | 18.68 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3735 | Edge_1RB_Left | 17.71 | / | / | 14.91 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.50 | / | / | 15.70 | / | / | <=30 | Pass |
| | | Outer_Full | 18.37 | / | / | 15.57 | / | / | <=30 | Pass |
| | | Inner_Full | 18.38 | / | / | 15.58 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 17.88 | / | / | 15.08 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.50 | / | / | 15.70 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 18.38 | / | / | 15.58 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.53 | / | / | 15.73 | / | / | <=30 | Pass |
| | | Outer_Full | 18.41 | / | / | 15.61 | / | / | <=30 | Pass |
| | | Inner_Full | 18.52 | / | / | 15.72 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.32 | / | / | 15.52 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.53 | / | / | 15.73 | / | / | <=30 | Pass |
| | 3945 | Edge_1RB_Left | 18.31 | / | / | 15.51 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.67 | / | / | 15.87 | / | / | <=30 | Pass |
| | | Outer_Full | 18.30 | / | / | 15.50 | / | / | <=30 | Pass |
| | | Inner_Full | 18.21 | / | / | 15.41 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.33 | / | / | 15.53 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.72 | / | / | 15.92 | / | / | <=30 | Pass |

Note1: Antenna Gain: Ant5: -2.80dBi;
Note2: EIRP=Conducted Power+Antenna Gain

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
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

## 1.17 30k_SISO_80MHz_NTNV_EIRP

### 1.17.1 Test Result

| 5G NR n77a SCS=30kHz SISO 80MHz NTNV | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Conducted Power(dBm) | | | EIRP(dBm) | | | | Verdict |
| | | | Ant5 | Ant2 | Sum | Ant5 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3740.01 | Edge_1RB_Left | 20.87 | / | / | 18.07 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.42 | / | / | 18.62 | / | / | <=30 | Pass |
| | | Outer_Full | 23.86 | / | / | 21.06 | / | / | <=30 | Pass |
| | | Inner_Full | 24.98 | / | / | 22.18 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.50 | / | / | 21.70 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.90 | / | / | 22.10 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.22 | / | / | 18.42 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.46 | / | / | 18.66 | / | / | <=30 | Pass |
| | | Outer_Full | 24.59 | / | / | 21.79 | / | / | <=30 | Pass |
| | | Inner_Full | 25.00 | / | / | 22.20 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.74 | / | / | 21.94 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.73 | / | / | 21.93 | / | / | <=30 | Pass |
| | 3939.99 | Edge_1RB_Left | 21.33 | / | / | 18.53 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.53 | / | / | 18.73 | / | / | <=30 | Pass |
| | | Outer_Full | 24.16 | / | / | 21.36 | / | / | <=30 | Pass |
| | | Inner_Full | 24.82 | / | / | 22.02 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.46 | / | / | 21.66 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.65 | / | / | 21.85 | / | / | <=30 | Pass |
| DFT-s-OFDM QPSK | 3740.01 | Edge_1RB_Left | 21.03 | / | / | 18.23 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.37 | / | / | 18.57 | / | / | <=30 | Pass |
| | | Outer_Full | 23.87 | / | / | 21.07 | / | / | <=30 | Pass |
| | | Inner_Full | 25.01 | / | / | 22.21 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.45 | / | / | 21.65 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.66 | / | / | 21.86 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.10 | / | / | 18.30 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.51 | / | / | 18.71 | / | / | <=30 | Pass |
| | | Outer_Full | 23.85 | / | / | 21.05 | / | / | <=30 | Pass |
| | | Inner_Full | 24.90 | / | / | 22.10 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.77 | / | / | 21.97 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.77 | / | / | 21.97 | / | / | <=30 | Pass |
| | 3939.99 | Edge_1RB_Left | 21.35 | / | / | 18.55 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.36 | / | / | 18.56 | / | / | <=30 | Pass |
| | | Outer_Full | 23.77 | / | / | 20.97 | / | / | <=30 | Pass |
| | | Inner_Full | 24.71 | / | / | 21.91 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.65 | / | / | 21.85 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.67 | / | / | 21.87 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM | 3740.01 | Edge_1RB_Left | 21.10 | / | / | 18.30 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.26 | / | / | 18.46 | / | / | <=30 | Pass |
| | | Outer_Full | 22.72 | / | / | 19.92 | / | / | <=30 | Pass |
| | | Inner_Full | 23.80 | / | / | 21.00 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.54 | / | / | 20.74 | / | / | <=30 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Right | 23.88 | / | / | 21.08 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.15 | / | / | 18.35 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.52 | / | / | 18.72 | / | / | <=30 | Pass |
| | | Outer_Full | 22.98 | / | / | 20.18 | / | / | <=30 | Pass |
| | | Inner_Full | 24.06 | / | / | 21.26 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.67 | / | / | 20.87 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.05 | / | / | 21.25 | / | / | <=30 | Pass |
| | 3939.99 | Edge_1RB_Left | 21.40 | / | / | 18.60 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.57 | / | / | 18.77 | / | / | <=30 | Pass |
| | | Outer_Full | 22.72 | / | / | 19.92 | / | / | <=30 | Pass |
| | | Inner_Full | 23.84 | / | / | 21.04 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.79 | / | / | 20.99 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.99 | / | / | 21.19 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM | 3740.01 | Edge_1RB_Left | 21.11 | / | / | 18.31 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.49 | / | / | 18.69 | / | / | <=30 | Pass |
| | | Outer_Full | 22.24 | / | / | 19.44 | / | / | <=30 | Pass |
| | | Inner_Full | 22.33 | / | / | 19.53 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.12 | / | / | 19.32 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.44 | / | / | 19.64 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.43 | / | / | 18.63 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.68 | / | / | 18.88 | / | / | <=30 | Pass |
| | | Outer_Full | 22.45 | / | / | 19.65 | / | / | <=30 | Pass |
| | | Inner_Full | 22.49 | / | / | 19.69 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.33 | / | / | 19.53 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.68 | / | / | 19.88 | / | / | <=30 | Pass |
| | 3939.99 | Edge_1RB_Left | 21.55 | / | / | 18.75 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.74 | / | / | 18.94 | / | / | <=30 | Pass |
| | | Outer_Full | 22.32 | / | / | 19.52 | / | / | <=30 | Pass |
| | | Inner_Full | 22.33 | / | / | 19.53 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.52 | / | / | 19.72 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.72 | / | / | 19.92 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3740.01 | Edge_1RB_Left | 20.01 | / | / | 17.21 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.35 | / | / | 17.55 | / | / | <=30 | Pass |
| | | Outer_Full | 20.40 | / | / | 17.60 | / | / | <=30 | Pass |
| | | Inner_Full | 20.44 | / | / | 17.64 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.01 | / | / | 17.21 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.32 | / | / | 17.52 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 20.25 | / | / | 17.45 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.48 | / | / | 17.68 | / | / | <=30 | Pass |
| | | Outer_Full | 20.50 | / | / | 17.70 | / | / | <=30 | Pass |
| | | Inner_Full | 20.37 | / | / | 17.57 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.15 | / | / | 17.35 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.29 | / | / | 17.49 | / | / | <=30 | Pass |
| | 3939.99 | Edge_1RB_Left | 20.20 | / | / | 17.40 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.59 | / | / | 17.79 | / | / | <=30 | Pass |
| | | Outer_Full | 20.26 | / | / | 17.46 | / | / | <=30 | Pass |
| | | Inner_Full | 20.47 | / | / | 17.67 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.31 | / | / | 17.51 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.58 | / | / | 17.78 | / | / | <=30 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| CP-OFDM QPSK | 3740.01 | Edge_1RB_Left | 20.82 | / | / | 18.02 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.20 | / | / | 18.40 | / | / | <=30 | Pass |
| | | Outer_Full | 21.87 | / | / | 19.07 | / | / | <=30 | Pass |
| | | Inner_Full | 23.47 | / | / | 20.67 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.76 | / | / | 19.96 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.01 | / | / | 20.21 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.01 | / | / | 18.21 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.21 | / | / | 18.41 | / | / | <=30 | Pass |
| | | Outer_Full | 21.83 | / | / | 19.03 | / | / | <=30 | Pass |
| | | Inner_Full | 23.34 | / | / | 20.54 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.10 | / | / | 20.30 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.19 | / | / | 20.39 | / | / | <=30 | Pass |
| | 3939.99 | Edge_1RB_Left | 21.09 | / | / | 18.29 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.22 | / | / | 18.42 | / | / | <=30 | Pass |
| | | Outer_Full | 21.92 | / | / | 19.12 | / | / | <=30 | Pass |
| | | Inner_Full | 23.36 | / | / | 20.56 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.02 | / | / | 20.22 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.30 | / | / | 20.50 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM | 3740.01 | Edge_1RB_Left | 21.17 | / | / | 18.37 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.47 | / | / | 18.67 | / | / | <=30 | Pass |
| | | Outer_Full | 21.85 | / | / | 19.05 | / | / | <=30 | Pass |
| | | Inner_Full | 23.01 | / | / | 20.21 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.51 | / | / | 19.71 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.84 | / | / | 20.04 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.36 | / | / | 18.56 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.63 | / | / | 18.83 | / | / | <=30 | Pass |
| | | Outer_Full | 22.00 | / | / | 19.20 | / | / | <=30 | Pass |
| | | Inner_Full | 22.92 | / | / | 20.12 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.78 | / | / | 19.98 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.07 | / | / | 20.27 | / | / | <=30 | Pass |
| | 3939.99 | Edge_1RB_Left | 21.39 | / | / | 18.59 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.62 | / | / | 18.82 | / | / | <=30 | Pass |
| | | Outer_Full | 21.77 | / | / | 18.97 | / | / | <=30 | Pass |
| | | Inner_Full | 22.92 | / | / | 20.12 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.83 | / | / | 20.03 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.99 | / | / | 20.19 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM | 3740.01 | Edge_1RB_Left | 20.98 | / | / | 18.18 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.33 | / | / | 18.53 | / | / | <=30 | Pass |
| | | Outer_Full | 21.38 | / | / | 18.58 | / | / | <=30 | Pass |
| | | Inner_Full | 21.52 | / | / | 18.72 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.11 | / | / | 18.31 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.40 | / | / | 18.60 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.37 | / | / | 18.57 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.39 | / | / | 18.59 | / | / | <=30 | Pass |
| | | Outer_Full | 21.36 | / | / | 18.56 | / | / | <=30 | Pass |
| | | Inner_Full | 21.38 | / | / | 18.58 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.38 | / | / | 18.58 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.53 | / | / | 18.73 | / | / | <=30 | Pass |
| | 3939.99 | Edge_1RB_Left | 21.39 | / | / | 18.59 | / | / | <=30 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Edge_1RB_Right | 21.58 | / | / | 18.78 | / | / | <=30 | Pass |
| | | Outer_Full | 21.33 | / | / | 18.53 | / | / | <=30 | Pass |
| | | Inner_Full | 21.49 | / | / | 18.69 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.28 | / | / | 18.48 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.55 | / | / | 18.75 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3740.01 | Edge_1RB_Left | 17.87 | / | / | 15.07 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.23 | / | / | 15.43 | / | / | <=30 | Pass |
| | | Outer_Full | 18.38 | / | / | 15.58 | / | / | <=30 | Pass |
| | | Inner_Full | 18.47 | / | / | 15.67 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 17.86 | / | / | 15.06 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.37 | / | / | 15.57 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 18.28 | / | / | 15.48 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.59 | / | / | 15.79 | / | / | <=30 | Pass |
| | | Outer_Full | 18.52 | / | / | 15.72 | / | / | <=30 | Pass |
| | | Inner_Full | 18.63 | / | / | 15.83 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.31 | / | / | 15.51 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.52 | / | / | 15.72 | / | / | <=30 | Pass |
| | 3939.99 | Edge_1RB_Left | 18.21 | / | / | 15.41 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.48 | / | / | 15.68 | / | / | <=30 | Pass |
| | | Outer_Full | 18.28 | / | / | 15.48 | / | / | <=30 | Pass |
| | | Inner_Full | 18.30 | / | / | 15.50 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.39 | / | / | 15.59 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.45 | / | / | 15.65 | / | / | <=30 | Pass |

Note1: Antenna Gain: Ant5: -2.80dBi;
Note2: EIRP=Conducted Power+Antenna Gain

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

## 1.18 30k_SISO_90MHz_NTNV_EIRP

### 1.18.1 Test Result

| 5G NR n77a SCS=30kHz SISO 90MHz NTNV | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Conducted Power(dBm) | | | EIRP(dBm) | | | | Verdict |
| | | | Ant5 | Ant2 | Sum | Ant5 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3745.02 | Edge_1RB_Left | 20.98 | / | / | 18.18 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.54 | / | / | 18.74 | / | / | <=30 | Pass |
| | | Outer_Full | 23.71 | / | / | 20.91 | / | / | <=30 | Pass |
| | | Inner_Full | 24.86 | / | / | 22.06 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.20 | / | / | 21.40 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.92 | / | / | 22.12 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 20.98 | / | / | 18.18 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.38 | / | / | 18.58 | / | / | <=30 | Pass |
| | | Outer_Full | 24.57 | / | / | 21.77 | / | / | <=30 | Pass |
| | | Inner_Full | 25.05 | / | / | 22.25 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.70 | / | / | 21.90 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.74 | / | / | 21.94 | / | / | <=30 | Pass |
| | 3934.98 | Edge_1RB_Left | 21.21 | / | / | 18.41 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.14 | / | / | 18.34 | / | / | <=30 | Pass |
| | | Outer_Full | 24.22 | / | / | 21.42 | / | / | <=30 | Pass |
| | | Inner_Full | 24.79 | / | / | 21.99 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.70 | / | / | 21.90 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.37 | / | / | 21.57 | / | / | <=30 | Pass |
| DFT-s-OFDM QPSK | 3745.02 | Edge_1RB_Left | 20.90 | / | / | 18.10 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.43 | / | / | 18.63 | / | / | <=30 | Pass |
| | | Outer_Full | 23.82 | / | / | 21.02 | / | / | <=30 | Pass |
| | | Inner_Full | 24.99 | / | / | 22.19 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.29 | / | / | 21.49 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.91 | / | / | 22.11 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.23 | / | / | 18.43 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.27 | / | / | 18.47 | / | / | <=30 | Pass |
| | | Outer_Full | 23.84 | / | / | 21.04 | / | / | <=30 | Pass |
| | | Inner_Full | 24.82 | / | / | 22.02 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.63 | / | / | 21.83 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.76 | / | / | 21.96 | / | / | <=30 | Pass |
| | 3934.98 | Edge_1RB_Left | 21.50 | / | / | 18.70 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.14 | / | / | 18.34 | / | / | <=30 | Pass |
| | | Outer_Full | 23.96 | / | / | 21.16 | / | / | <=30 | Pass |
| | | Inner_Full | 24.69 | / | / | 21.89 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.55 | / | / | 21.75 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.38 | / | / | 21.58 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM | 3745.02 | Edge_1RB_Left | 20.80 | / | / | 18.00 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.44 | / | / | 18.64 | / | / | <=30 | Pass |
| | | Outer_Full | 22.89 | / | / | 20.09 | / | / | <=30 | Pass |
| | | Inner_Full | 23.86 | / | / | 21.06 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.42 | / | / | 20.62 | / | / | <=30 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Right | 23.95 | / | / | 21.15 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.08 | / | / | 18.28 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.51 | / | / | 18.71 | / | / | <=30 | Pass |
| | | Outer_Full | 22.83 | / | / | 20.03 | / | / | <=30 | Pass |
| | | Inner_Full | 24.03 | / | / | 21.23 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.82 | / | / | 21.02 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.08 | / | / | 21.28 | / | / | <=30 | Pass |
| | 3934.98 | Edge_1RB_Left | 21.45 | / | / | 18.65 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.42 | / | / | 18.62 | / | / | <=30 | Pass |
| | | Outer_Full | 22.98 | / | / | 20.18 | / | / | <=30 | Pass |
| | | Inner_Full | 23.98 | / | / | 21.18 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.81 | / | / | 21.01 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.90 | / | / | 21.10 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM | 3745.02 | Edge_1RB_Left | 20.77 | / | / | 17.97 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.30 | / | / | 18.50 | / | / | <=30 | Pass |
| | | Outer_Full | 22.36 | / | / | 19.56 | / | / | <=30 | Pass |
| | | Inner_Full | 22.37 | / | / | 19.57 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.00 | / | / | 19.20 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.34 | / | / | 19.54 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.06 | / | / | 18.26 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.38 | / | / | 18.58 | / | / | <=30 | Pass |
| | | Outer_Full | 22.54 | / | / | 19.74 | / | / | <=30 | Pass |
| | | Inner_Full | 22.42 | / | / | 19.62 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.35 | / | / | 19.55 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.63 | / | / | 19.83 | / | / | <=30 | Pass |
| | 3934.98 | Edge_1RB_Left | 21.61 | / | / | 18.81 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.50 | / | / | 18.70 | / | / | <=30 | Pass |
| | | Outer_Full | 22.32 | / | / | 19.52 | / | / | <=30 | Pass |
| | | Inner_Full | 22.29 | / | / | 19.49 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.57 | / | / | 19.77 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.45 | / | / | 19.65 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3745.02 | Edge_1RB_Left | 19.96 | / | / | 17.16 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.36 | / | / | 17.56 | / | / | <=30 | Pass |
| | | Outer_Full | 20.35 | / | / | 17.55 | / | / | <=30 | Pass |
| | | Inner_Full | 20.43 | / | / | 17.63 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 19.74 | / | / | 16.94 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.54 | / | / | 17.74 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 20.19 | / | / | 17.39 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.30 | / | / | 17.50 | / | / | <=30 | Pass |
| | | Outer_Full | 20.33 | / | / | 17.53 | / | / | <=30 | Pass |
| | | Inner_Full | 20.56 | / | / | 17.76 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.23 | / | / | 17.43 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.32 | / | / | 17.52 | / | / | <=30 | Pass |
| | 3934.98 | Edge_1RB_Left | 20.29 | / | / | 17.49 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.19 | / | / | 17.39 | / | / | <=30 | Pass |
| | | Outer_Full | 20.26 | / | / | 17.46 | / | / | <=30 | Pass |
| | | Inner_Full | 20.30 | / | / | 17.50 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.43 | / | / | 17.63 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.39 | / | / | 17.59 | / | / | <=30 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| CP-OFDM QPSK | 3745.02 | Edge_1RB_Left | 20.64 | / | / | 17.84 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.23 | / | / | 18.43 | / | / | <=30 | Pass |
| | | Outer_Full | 21.79 | / | / | 18.99 | / | / | <=30 | Pass |
| | | Inner_Full | 23.37 | / | / | 20.57 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.65 | / | / | 19.85 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.15 | / | / | 20.35 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.01 | / | / | 18.21 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.06 | / | / | 18.26 | / | / | <=30 | Pass |
| | | Outer_Full | 21.98 | / | / | 19.18 | / | / | <=30 | Pass |
| | | Inner_Full | 23.49 | / | / | 20.69 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.96 | / | / | 20.16 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.08 | / | / | 20.28 | / | / | <=30 | Pass |
| | 3934.98 | Edge_1RB_Left | 21.03 | / | / | 18.23 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.17 | / | / | 18.37 | / | / | <=30 | Pass |
| | | Outer_Full | 21.78 | / | / | 18.98 | / | / | <=30 | Pass |
| | | Inner_Full | 23.43 | / | / | 20.63 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.05 | / | / | 20.25 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.12 | / | / | 20.32 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM | 3745.02 | Edge_1RB_Left | 21.01 | / | / | 18.21 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.35 | / | / | 18.55 | / | / | <=30 | Pass |
| | | Outer_Full | 21.79 | / | / | 18.99 | / | / | <=30 | Pass |
| | | Inner_Full | 22.77 | / | / | 19.97 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.35 | / | / | 19.55 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.84 | / | / | 20.04 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.26 | / | / | 18.46 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.53 | / | / | 18.73 | / | / | <=30 | Pass |
| | | Outer_Full | 21.82 | / | / | 19.02 | / | / | <=30 | Pass |
| | | Inner_Full | 22.99 | / | / | 20.19 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.81 | / | / | 20.01 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.95 | / | / | 20.15 | / | / | <=30 | Pass |
| | 3934.98 | Edge_1RB_Left | 21.29 | / | / | 18.49 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.45 | / | / | 18.65 | / | / | <=30 | Pass |
| | | Outer_Full | 21.99 | / | / | 19.19 | / | / | <=30 | Pass |
| | | Inner_Full | 22.94 | / | / | 20.14 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.79 | / | / | 19.99 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.78 | / | / | 19.98 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM | 3745.02 | Edge_1RB_Left | 20.79 | / | / | 17.99 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.49 | / | / | 18.69 | / | / | <=30 | Pass |
| | | Outer_Full | 21.30 | / | / | 18.50 | / | / | <=30 | Pass |
| | | Inner_Full | 21.40 | / | / | 18.60 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.99 | / | / | 18.19 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.38 | / | / | 18.58 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.30 | / | / | 18.50 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.45 | / | / | 18.65 | / | / | <=30 | Pass |
| | | Outer_Full | 21.58 | / | / | 18.78 | / | / | <=30 | Pass |
| | | Inner_Full | 21.35 | / | / | 18.55 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.23 | / | / | 18.43 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.37 | / | / | 18.57 | / | / | <=30 | Pass |
| | 3934.98 | Edge_1RB_Left | 21.49 | / | / | 18.69 | / | / | <=30 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Edge_1RB_Right | 21.34 | / | / | 18.54 | / | / | <=30 | Pass |
| | | Outer_Full | 21.26 | / | / | 18.46 | / | / | <=30 | Pass |
| | | Inner_Full | 21.49 | / | / | 18.69 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.44 | / | / | 18.64 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.43 | / | / | 18.63 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3745.02 | Edge_1RB_Left | 17.93 | / | / | 15.13 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.24 | / | / | 15.44 | / | / | <=30 | Pass |
| | | Outer_Full | 18.34 | / | / | 15.54 | / | / | <=30 | Pass |
| | | Inner_Full | 18.45 | / | / | 15.65 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 17.90 | / | / | 15.10 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.21 | / | / | 15.41 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 18.10 | / | / | 15.30 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.32 | / | / | 15.52 | / | / | <=30 | Pass |
| | | Outer_Full | 18.50 | / | / | 15.70 | / | / | <=30 | Pass |
| | | Inner_Full | 18.55 | / | / | 15.75 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.25 | / | / | 15.45 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.54 | / | / | 15.74 | / | / | <=30 | Pass |
| | 3934.98 | Edge_1RB_Left | 18.46 | / | / | 15.66 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.36 | / | / | 15.56 | / | / | <=30 | Pass |
| | | Outer_Full | 18.47 | / | / | 15.67 | / | / | <=30 | Pass |
| | | Inner_Full | 18.49 | / | / | 15.69 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.47 | / | / | 15.67 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.49 | / | / | 15.69 | / | / | <=30 | Pass |

Note1: Antenna Gain: Ant5: -2.80dBi;
Note2: EIRP=Conducted Power+Antenna Gain

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
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

## 1.19 30k_SISO_100MHz_NTNV_EIRP

### 1.19.1 Test Result

| 5G NR n77a SCS=30kHz SISO 100MHz NTNV | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Conducted Power(dBm) | | | EIRP(dBm) | | | | Verdict |
| | | | Ant5 | Ant2 | Sum | Ant5 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3750 | Edge_1RB_Left | 20.89 | / | / | 18.09 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.37 | / | / | 18.57 | / | / | <=30 | Pass |
| | | Outer_Full | 23.70 | / | / | 20.90 | / | / | <=30 | Pass |
| | | Inner_Full | 24.94 | / | / | 22.14 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.40 | / | / | 21.60 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.81 | / | / | 22.01 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 20.94 | / | / | 18.14 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.14 | / | / | 18.34 | / | / | <=30 | Pass |
| | | Outer_Full | 24.42 | / | / | 21.62 | / | / | <=30 | Pass |
| | | Inner_Full | 25.00 | / | / | 22.20 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.67 | / | / | 21.87 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.53 | / | / | 21.73 | / | / | <=30 | Pass |
| | 3930 | Edge_1RB_Left | 21.30 | / | / | 18.50 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.38 | / | / | 18.58 | / | / | <=30 | Pass |
| | | Outer_Full | 24.26 | / | / | 21.46 | / | / | <=30 | Pass |
| | | Inner_Full | 24.75 | / | / | 21.95 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.47 | / | / | 21.67 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.60 | / | / | 21.80 | / | / | <=30 | Pass |
| DFT-s-OFDM QPSK | 3750 | Edge_1RB_Left | 20.81 | / | / | 18.01 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.34 | / | / | 18.54 | / | / | <=30 | Pass |
| | | Outer_Full | 23.75 | / | / | 20.95 | / | / | <=30 | Pass |
| | | Inner_Full | 24.81 | / | / | 22.01 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.33 | / | / | 21.53 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.79 | / | / | 21.99 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.20 | / | / | 18.40 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.37 | / | / | 18.57 | / | / | <=30 | Pass |
| | | Outer_Full | 23.81 | / | / | 21.01 | / | / | <=30 | Pass |
| | | Inner_Full | 25.08 | / | / | 22.28 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.69 | / | / | 21.89 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.66 | / | / | 21.86 | / | / | <=30 | Pass |
| | 3930 | Edge_1RB_Left | 21.34 | / | / | 18.54 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.52 | / | / | 18.72 | / | / | <=30 | Pass |
| | | Outer_Full | 23.90 | / | / | 21.10 | / | / | <=30 | Pass |
| | | Inner_Full | 24.59 | / | / | 21.79 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 24.45 | / | / | 21.65 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.49 | / | / | 21.69 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM | 3750 | Edge_1RB_Left | 21.04 | / | / | 18.24 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.36 | / | / | 18.56 | / | / | <=30 | Pass |
| | | Outer_Full | 22.87 | / | / | 20.07 | / | / | <=30 | Pass |
| | | Inner_Full | 23.96 | / | / | 21.16 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.56 | / | / | 20.76 | / | / | <=30 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Right | 23.71 | / | / | 20.91 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.02 | / | / | 18.22 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.42 | / | / | 18.62 | / | / | <=30 | Pass |
| | | Outer_Full | 22.81 | / | / | 20.01 | / | / | <=30 | Pass |
| | | Inner_Full | 24.02 | / | / | 21.22 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.66 | / | / | 20.86 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.78 | / | / | 20.98 | / | / | <=30 | Pass |
| | 3930 | Edge_1RB_Left | 21.10 | / | / | 18.30 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.25 | / | / | 18.45 | / | / | <=30 | Pass |
| | | Outer_Full | 22.88 | / | / | 20.08 | / | / | <=30 | Pass |
| | | Inner_Full | 23.81 | / | / | 21.01 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.84 | / | / | 21.04 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 24.03 | / | / | 21.23 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM | 3750 | Edge_1RB_Left | 20.86 | / | / | 18.06 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.42 | / | / | 18.62 | / | / | <=30 | Pass |
| | | Outer_Full | 22.35 | / | / | 19.55 | / | / | <=30 | Pass |
| | | Inner_Full | 22.48 | / | / | 19.68 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.09 | / | / | 19.29 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.42 | / | / | 19.62 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.31 | / | / | 18.51 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.54 | / | / | 18.74 | / | / | <=30 | Pass |
| | | Outer_Full | 22.49 | / | / | 19.69 | / | / | <=30 | Pass |
| | | Inner_Full | 22.56 | / | / | 19.76 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.31 | / | / | 19.51 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.60 | / | / | 19.80 | / | / | <=30 | Pass |
| | 3930 | Edge_1RB_Left | 21.27 | / | / | 18.47 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.40 | / | / | 18.60 | / | / | <=30 | Pass |
| | | Outer_Full | 22.42 | / | / | 19.62 | / | / | <=30 | Pass |
| | | Inner_Full | 22.44 | / | / | 19.64 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.50 | / | / | 19.70 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.67 | / | / | 19.87 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3750 | Edge_1RB_Left | 19.96 | / | / | 17.16 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.26 | / | / | 17.46 | / | / | <=30 | Pass |
| | | Outer_Full | 20.34 | / | / | 17.54 | / | / | <=30 | Pass |
| | | Inner_Full | 20.54 | / | / | 17.74 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 19.83 | / | / | 17.03 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.29 | / | / | 17.49 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 20.19 | / | / | 17.39 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.43 | / | / | 17.63 | / | / | <=30 | Pass |
| | | Outer_Full | 20.32 | / | / | 17.52 | / | / | <=30 | Pass |
| | | Inner_Full | 20.39 | / | / | 17.59 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.05 | / | / | 17.25 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.40 | / | / | 17.60 | / | / | <=30 | Pass |
| | 3930 | Edge_1RB_Left | 20.30 | / | / | 17.50 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.44 | / | / | 17.64 | / | / | <=30 | Pass |
| | | Outer_Full | 20.26 | / | / | 17.46 | / | / | <=30 | Pass |
| | | Inner_Full | 20.49 | / | / | 17.69 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.37 | / | / | 17.57 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.32 | / | / | 17.52 | / | / | <=30 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| CP-OFDM QPSK | 3750 | Edge_1RB_Left | 20.78 | / | / | 17.98 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.08 | / | / | 18.28 | / | / | <=30 | Pass |
| | | Outer_Full | 21.73 | / | / | 18.93 | / | / | <=30 | Pass |
| | | Inner_Full | 23.35 | / | / | 20.55 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.70 | / | / | 19.90 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.02 | / | / | 20.22 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.01 | / | / | 18.21 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.94 | / | / | 18.14 | / | / | <=30 | Pass |
| | | Outer_Full | 22.01 | / | / | 19.21 | / | / | <=30 | Pass |
| | | Inner_Full | 23.34 | / | / | 20.54 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.88 | / | / | 20.08 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.23 | / | / | 20.43 | / | / | <=30 | Pass |
| | 3930 | Edge_1RB_Left | 21.11 | / | / | 18.31 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.28 | / | / | 18.48 | / | / | <=30 | Pass |
| | | Outer_Full | 21.70 | / | / | 18.90 | / | / | <=30 | Pass |
| | | Inner_Full | 23.24 | / | / | 20.44 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.04 | / | / | 20.24 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.28 | / | / | 20.48 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM | 3750 | Edge_1RB_Left | 21.10 | / | / | 18.30 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.43 | / | / | 18.63 | / | / | <=30 | Pass |
| | | Outer_Full | 21.83 | / | / | 19.03 | / | / | <=30 | Pass |
| | | Inner_Full | 22.79 | / | / | 19.99 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.41 | / | / | 19.61 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.66 | / | / | 19.86 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.29 | / | / | 18.49 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.48 | / | / | 18.68 | / | / | <=30 | Pass |
| | | Outer_Full | 22.00 | / | / | 19.20 | / | / | <=30 | Pass |
| | | Inner_Full | 22.87 | / | / | 20.07 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.53 | / | / | 19.73 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.89 | / | / | 20.09 | / | / | <=30 | Pass |
| | 3930 | Edge_1RB_Left | 21.45 | / | / | 18.65 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.32 | / | / | 18.52 | / | / | <=30 | Pass |
| | | Outer_Full | 21.75 | / | / | 18.95 | / | / | <=30 | Pass |
| | | Inner_Full | 22.93 | / | / | 20.13 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.64 | / | / | 19.84 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.96 | / | / | 20.16 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM | 3750 | Edge_1RB_Left | 20.89 | / | / | 18.09 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.38 | / | / | 18.58 | / | / | <=30 | Pass |
| | | Outer_Full | 21.39 | / | / | 18.59 | / | / | <=30 | Pass |
| | | Inner_Full | 21.33 | / | / | 18.53 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.93 | / | / | 18.13 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.37 | / | / | 18.57 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 21.28 | / | / | 18.48 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.47 | / | / | 18.67 | / | / | <=30 | Pass |
| | | Outer_Full | 21.51 | / | / | 18.71 | / | / | <=30 | Pass |
| | | Inner_Full | 21.49 | / | / | 18.69 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.36 | / | / | 18.56 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.49 | / | / | 18.69 | / | / | <=30 | Pass |
| | 3930 | Edge_1RB_Left | 21.24 | / | / | 18.44 | / | / | <=30 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号6#6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Edge_1RB_Right | 21.57 | / | / | 18.77 | / | / | <=30 | Pass |
| | | Outer_Full | 21.41 | / | / | 18.61 | / | / | <=30 | Pass |
| | | Inner_Full | 21.43 | / | / | 18.63 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.40 | / | / | 18.60 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.56 | / | / | 18.76 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3750 | Edge_1RB_Left | 17.77 | / | / | 14.97 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.16 | / | / | 15.36 | / | / | <=30 | Pass |
| | | Outer_Full | 18.38 | / | / | 15.58 | / | / | <=30 | Pass |
| | | Inner_Full | 18.51 | / | / | 15.71 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.00 | / | / | 15.20 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.39 | / | / | 15.59 | / | / | <=30 | Pass |
| | 3840 | Edge_1RB_Left | 18.22 | / | / | 15.42 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.47 | / | / | 15.67 | / | / | <=30 | Pass |
| | | Outer_Full | 18.32 | / | / | 15.52 | / | / | <=30 | Pass |
| | | Inner_Full | 18.58 | / | / | 15.78 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.24 | / | / | 15.44 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.26 | / | / | 15.46 | / | / | <=30 | Pass |
| | 3930 | Edge_1RB_Left | 18.35 | / | / | 15.55 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.56 | / | / | 15.76 | / | / | <=30 | Pass |
| | | Outer_Full | 18.46 | / | / | 15.66 | / | / | <=30 | Pass |
| | | Inner_Full | 18.48 | / | / | 15.68 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.40 | / | / | 15.60 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.61 | / | / | 15.81 | / | / | <=30 | Pass |

Note1: Antenna Gain: Ant5: -2.80dBi;
Note2: EIRP=Conducted Power+Antenna Gain

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
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

# 2. Frequency Stability

## 2.1 15k_SISO_10MHz

### 2.1.1 Test Result

| 5G NR n77a SCS=15kHz SISO 10MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3840 | Outer_Full | 20 | LV | -2.30 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -1.50 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -8.00 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -10.90 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -1.30 | -0.0003 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -6.80 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -1.50 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.00 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -9.30 | -0.0024 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -6.90 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -7.50 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -7.40 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -7.60 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -10.10 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -10.00 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -8.80 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -7.50 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -1.10 | -0.0003 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -6.10 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -10.40 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -12.40 | -0.0032 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | 1.50 | 0.0004 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -8.20 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 10 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -8.70 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.10 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -7.90 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.30 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -1.40 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -8.10 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -6.10 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | 3.80 | 0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -2.50 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -8.60 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -2.70 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -7.90 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.50 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -1.90 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -2.30 | -0.0006 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CP-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -6.10 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.10 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -2.30 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

## 2.2 15k_SISO_15MHz

### 2.2.1 Test Result

| 5G NR n77a SCS=15kHz SISO 15MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3840 | Outer_Full | 20 | LV | -3.10 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -8.50 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.90 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -7.40 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -1.70 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -7.40 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.10 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -7.70 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -2.70 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.10 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -7.20 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | 3.00 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.80 | -0.0018 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 30 | NV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -10.40 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -1.80 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -7.70 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -7.70 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -2.70 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.10 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.90 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -9.60 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -10.50 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -1.50 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.10 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -2.00 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | 3.20 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -1.60 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -7.50 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -2.00 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号6#6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | -30 | NV | -2.00 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -1.70 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -9.00 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

## 2.3 15k_SISO_20MHz

### 2.3.1 Test Result

| 5G NR n77a SCS=15kHz SISO 20MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3840 | Outer_Full | 20 | LV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.30 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.50 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -7.40 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -2.10 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | 2.90 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -7.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -6.90 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.80 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 30 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -6.10 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -1.90 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -2.20 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -7.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -2.90 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | 1.10 | 0.0003 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | 1.90 | 0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.90 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -1.80 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.10 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -2.20 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -2.80 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -1.80 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | 1.30 | 0.0003 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号6#6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | -30 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -2.10 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | 2.00 | 0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -1.70 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

## 2.4 15k_SISO_25MHz

### 2.4.1 Test Result

| 5G NR n77a SCS=15kHz SISO 25MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3840 | Outer_Full | 20 | LV | -3.10 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -2.50 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -6.90 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.00 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -2.50 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.10 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -9.50 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -7.90 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -7.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -2.70 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -9.30 | -0.0024 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -7.20 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.10 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -7.40 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.50 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -2.10 | -0.0005 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 30 | NV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -7.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -8.00 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -2.90 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -7.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -2.70 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -2.10 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -2.20 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -7.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -2.40 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | 1.90 | 0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -1.80 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -1.60 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | 2.40 | 0.0006 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -3.10 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号6#6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | -30 | NV | -2.70 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -2.80 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -2.70 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.00 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -2.80 | -0.0007 | >=-2.5 & <=2.5 | Pass |

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

## 2.5 15k_SISO_30MHz

### 2.5.1 Test Result

| 5G NR n77a SCS=15kHz SISO 30MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3840 | Outer_Full | 20 | LV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -2.80 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -7.90 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.10 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -2.10 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -1.00 | -0.0003 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.10 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -8.80 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.80 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -8.90 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -8.70 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | 0.90 | 0.0002 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -8.80 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -7.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 30 | NV | -2.50 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -2.90 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -2.80 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.30 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -6.10 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -1.50 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.30 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -2.80 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | 1.00 | 0.0003 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -2.90 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.30 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | 1.30 | 0.0003 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -2.10 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -2.80 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -3.00 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | 2.30 | 0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -1.60 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -2.80 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -2.30 | -0.0006 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号6#6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | -30 | NV | -2.80 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.10 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.90 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

## 2.6 15k_SISO_40MHz

### 2.6.1 Test Result

| 5G NR n77a SCS=15kHz SISO 40MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3840 | Outer_Full | 20 | LV | -1.70 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -2.00 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -7.50 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -2.10 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -7.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -4.30 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -2.20 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -1.20 | -0.0003 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.90 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -2.70 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -8.30 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -7.40 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -2.50 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -7.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -6.80 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -4.30 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -1.80 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -2.50 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.90 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 30 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -8.20 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -8.10 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.10 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -1.60 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | 1.30 | 0.0003 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -2.30 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | 3.10 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -1.50 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -0.70 | -0.0002 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -2.90 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -1.10 | -0.0003 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.30 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -2.10 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.80 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -7.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -8.10 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.00 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号6#6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | -30 | NV | 2.60 | 0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.50 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.00 | -0.0008 | >=-2.5 & <=2.5 | Pass |

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

## 2.7 15k_SISO_50MHz

### 2.7.1 Test Result

| 5G NR n77a SCS=15kHz SISO 50MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3840 | Outer_Full | 20 | LV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -2.70 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | 1.40 | 0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -6.80 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | 4.30 | 0.0011 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.10 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -6.90 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | 1.30 | 0.0003 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -1.60 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.30 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.20 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -7.70 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -7.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -1.10 | -0.0003 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 30 | NV | -4.30 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -8.10 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -8.40 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -7.80 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -7.40 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.90 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -2.90 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -2.50 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -1.00 | -0.0003 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -2.10 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -2.70 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -2.30 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | 2.00 | 0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -0.80 | -0.0002 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号6#6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | -30 | NV | -2.20 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -2.10 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | 3.50 | 0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | 3.20 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.10 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -2.40 | -0.0006 | >=-2.5 & <=2.5 | Pass |

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

## 2.8 30k_SISO_10MHz

### 2.8.1 Test Result

| 5G NR n77a SCS=30kHz SISO 10MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3840 | Outer_Full | 20 | LV | -9.10 | -0.0024 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -9.20 | -0.0024 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -1.90 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | 2.30 | 0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.80 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -2.10 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | 1.40 | 0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -10.30 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | 3.10 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | 3.20 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | 1.50 | 0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | 2.00 | 0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | 3.10 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | 4.90 | 0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | 3.10 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -6.10 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -2.20 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -1.90 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | 4.70 | 0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.10 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | 1.00 | 0.0003 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 30 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | 4.40 | 0.0011 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -2.20 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | 1.90 | 0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | 3.50 | 0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -8.50 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -11.20 | -0.0029 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -7.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -9.10 | -0.0024 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -8.20 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -8.60 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -9.90 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -8.10 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -9.00 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -2.80 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -9.80 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.30 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -8.00 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -3.00 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号6#6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | -30 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -7.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -7.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

## 2.9 30k_SISO_15MHz

### 2.9.1 Test Result

| 5G NR n77a SCS=30kHz SISO 15MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3840 | Outer_Full | 20 | LV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -7.20 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -7.70 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -6.10 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -7.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -8.50 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -2.80 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | 3.00 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | 2.90 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -8.60 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | 2.60 | 0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | 3.10 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -7.50 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.90 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -8.60 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | 2.70 | 0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | 2.20 | 0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号6#6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 30 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.10 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -2.70 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | 2.40 | 0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -1.40 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | 2.30 | 0.0006 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -9.20 | -0.0024 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -9.30 | -0.0024 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -6.80 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -8.50 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -8.30 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -2.80 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -9.50 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -7.20 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -7.90 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -9.20 | -0.0024 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -6.80 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | -30 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -7.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.10 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

## 2.10 30k_SISO_20MHz

### 2.10.1 Test Result

| 5G NR n77a SCS=30kHz SISO 20MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3840 | Outer_Full | 20 | LV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -7.70 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -7.40 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -9.80 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -10.00 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.90 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -8.90 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -10.60 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -7.40 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -10.20 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | 1.40 | 0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -8.10 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -2.70 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -8.10 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.10 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.90 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -2.00 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -2.20 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -2.00 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 30 | NV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -6.80 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -9.10 | -0.0024 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.30 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | 3.80 | 0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | 2.90 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -2.10 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -6.80 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -7.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.00 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -7.20 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -7.60 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -7.60 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -2.80 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -9.20 | -0.0024 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -7.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -7.50 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -8.10 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.00 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -7.70 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -8.00 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | -30 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -7.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.80 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

## 2.11 30k_SISO_25MHz

### 2.11.1 Test Result

| 5G NR n77a SCS=30kHz SISO 25MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3840 | Outer_Full | 20 | LV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -9.80 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -8.80 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -2.50 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -7.80 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -7.20 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | 0.30 | 0.0001 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -1.80 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -1.50 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.50 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.10 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 30 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -10.20 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -1.30 | -0.0003 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | 3.10 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | 3.80 | 0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | 4.50 | 0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -8.10 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -7.50 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -1.70 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -6.90 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.50 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -6.80 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -7.70 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -7.60 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | 0.60 | 0.0002 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -6.10 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | -30 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

## 2.12 30k_SISO_30MHz

### 2.12.1 Test Result

| 5G NR n77a SCS=30kHz SISO 30MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3840 | Outer_Full | 20 | LV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -7.70 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -1.50 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -10.20 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -10.10 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -7.60 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | 1.10 | 0.0003 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -11.00 | -0.0029 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -7.40 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.10 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -9.50 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -7.90 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -2.70 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -8.90 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -2.80 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -8.50 | -0.0022 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 30 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | 3.70 | 0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | 2.50 | 0.0007 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -7.20 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.80 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | 2.70 | 0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.10 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | 4.50 | 0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -1.90 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.80 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -9.10 | -0.0024 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -8.20 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -8.00 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -2.40 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -7.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.30 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -6.80 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.30 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.20 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -9.90 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -2.90 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -8.00 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -3.00 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.90 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号6#6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | -30 | NV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.10 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -7.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.70 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -7.90 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -7.60 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

## 2.13 30k_SISO_40MHz

### 2.13.1 Test Result

| 5G NR n77a SCS=30kHz SISO 40MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3840 | Outer_Full | 20 | LV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -8.30 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -10.00 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -8.70 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -7.50 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -10.60 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.90 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -8.80 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -11.50 | -0.0030 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -9.50 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -9.60 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -8.40 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -11.30 | -0.0029 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -1.40 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -2.70 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -2.10 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -7.50 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | 2.70 | 0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -7.70 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -3.10 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -9.70 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -2.50 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | 3.10 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | 5.30 | 0.0014 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 30 | NV | -8.90 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | 3.40 | 0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -7.50 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -9.20 | -0.0024 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | 1.70 | 0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -7.40 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -10.50 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.00 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -8.00 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.00 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -7.70 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.30 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -8.10 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.80 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -7.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.90 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | -30 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -1.20 | -0.0003 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -7.20 | -0.0019 | >=-2.5 & <=2.5 | Pass |

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

## 2.14 30k_SISO_50MHz

### 2.14.1 Test Result

| 5G NR n77a SCS=30kHz SISO 50MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3840 | Outer_Full | 20 | LV | -1.70 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -2.20 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -10.80 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | 2.80 | 0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -10.70 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -1.40 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -8.50 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -7.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.90 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | 2.70 | 0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -12.30 | -0.0032 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -9.40 | -0.0024 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | 3.00 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | 3.00 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -8.20 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -8.10 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -8.00 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | 3.10 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -11.40 | -0.0030 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -7.80 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | 1.10 | 0.0003 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | 4.10 | 0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 30 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -2.40 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -7.20 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | 3.00 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | 3.90 | 0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -1.00 | -0.0003 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -7.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -1.40 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -9.00 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | 0.60 | 0.0002 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -10.10 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -7.60 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -8.60 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | 2.90 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.00 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -6.90 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -8.00 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -2.40 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -8.00 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -7.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -8.30 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.00 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -8.60 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -2.00 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | 2.20 | 0.0006 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | -30 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -8.80 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -8.50 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -8.10 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -2.70 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -7.90 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -7.70 | -0.0020 | >=-2.5 & <=2.5 | Pass |

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

## 2.15 30k_SISO_60MHz

### 2.15.1 Test Result

| 5G NR n77a SCS=30kHz SISO 60MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3840 | Outer_Full | 20 | LV | -2.70 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -8.30 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -10.90 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -12.30 | -0.0032 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -7.60 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -2.80 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | 1.50 | 0.0004 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -7.90 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -8.30 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -8.50 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -10.30 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -2.40 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -8.10 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -7.40 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.60 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.30 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -8.70 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -8.50 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | 2.10 | 0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | 6.50 | 0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -6.20 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | 1.90 | 0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.90 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | 3.60 | 0.0009 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号6#6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 30 | NV | 4.30 | 0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.10 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.10 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -4.30 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | 5.50 | 0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | 3.70 | 0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | 4.10 | 0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -8.40 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -7.20 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | 4.40 | 0.0011 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -8.30 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | 1.30 | 0.0003 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -8.20 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.00 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.30 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.10 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -8.30 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -2.00 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -1.20 | -0.0003 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -2.90 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | -30 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -2.70 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -1.80 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -8.40 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -2.00 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -2.00 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.30 | -0.0011 | >=-2.5 & <=2.5 | Pass |

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

## 2.16 30k_SISO_70MHz

### 2.16.1 Test Result

| 5G NR n77a SCS=30kHz SISO 70MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3840 | Outer_Full | 20 | LV | -7.90 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -8.40 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -7.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -13.90 | -0.0036 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -8.60 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.90 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | 2.40 | 0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -2.10 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -8.90 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -2.70 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -8.60 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.50 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -8.30 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -8.20 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | 3.30 | 0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.80 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | 1.40 | 0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -11.80 | -0.0031 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | 1.00 | 0.0003 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | 2.80 | 0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.10 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.10 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -7.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | 2.30 | 0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | 3.40 | 0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -7.80 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 30 | NV | -12.00 | -0.0031 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -6.80 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -1.80 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | 3.70 | 0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -8.50 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | 2.90 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.70 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -9.20 | -0.0024 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.10 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.10 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -0.80 | -0.0002 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -1.30 | -0.0003 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -2.30 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -1.80 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | 3.40 | 0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -8.20 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.00 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.90 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -7.60 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -7.80 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -8.60 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.30 | -0.0011 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | -30 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -2.20 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -7.20 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.20 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -7.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | 2.40 | 0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -1.70 | -0.0004 | >=-2.5 & <=2.5 | Pass |

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

## 2.17 30k_SISO_80MHz

### 2.17.1 Test Result

| 5G NR n77a SCS=30kHz SISO 80MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 3840 | Outer_Full | 20 | LV | -7.70 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -13.30 | -0.0035 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.80 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -7.80 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -7.00 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -2.90 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -1.40 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -7.70 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | 3.50 | 0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -7.60 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | 3.20 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | 2.90 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -2.20 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | 3.40 | 0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | 4.40 | 0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.00 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.30 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -10.70 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | -1.10 | -0.0003 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -7.50 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -2.10 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -2.20 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -8.20 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -8.60 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.90 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -7.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 30 | NV | -8.70 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -9.50 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.40 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -4.90 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | 3.00 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | 5.20 | 0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.20 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | 3.40 | 0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | 3.00 | 0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.80 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -1.70 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | 5.00 | 0.0013 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 3840 | Outer_Full | 20 | LV | -3.40 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.70 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -7.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -7.40 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -6.30 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.80 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -7.90 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | 3.60 | 0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.00 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -6.80 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.20 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM | 3840 | Outer_Full | 20 | LV | -3.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -9.00 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.50 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -2.80 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -10.30 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.30 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.00 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM | 3840 | Outer_Full | 20 | LV | 1.60 | 0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.00 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -1.90 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.40 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.40 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -7.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -6.90 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.00 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 20 | LV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86–512) 62992980 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | -30 | NV | -5.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.10 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.30 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.10 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -7.50 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -2.60 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.90 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.60 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -2.90 | -0.0008 | >=-2.5 & <=2.5 | Pass |

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编：215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)