



Report No.: SEWA220400008RG02  
Rev.: 01  
Page: 40 of 209

### Peak-to-Average Ratio for SA

#### Test Result

| Band          | SCS | Bandwidth | Modulation | Channel | RB Config  | Result | Limit | Verdict |
|---------------|-----|-----------|------------|---------|------------|--------|-------|---------|
| N77-3700-3980 | 30  | 100       | DFT-256QAM | L       | Outer_Full | 9.83   | ≤13   | PASS    |
| N77-3700-3980 | 30  | 100       | CP-256QAM  | L       | Outer_Full | 10.38  | ≤13   | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-256QAM | M       | Outer_Full | 9.89   | ≤13   | PASS    |
| N77-3700-3980 | 30  | 100       | CP-256QAM  | M       | Outer_Full | 10.30  | ≤13   | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-256QAM | H       | Outer_Full | 9.38   | ≤13   | PASS    |
| N77-3700-3980 | 30  | 100       | CP-256QAM  | H       | Outer_Full | 10.19  | ≤13   | PASS    |

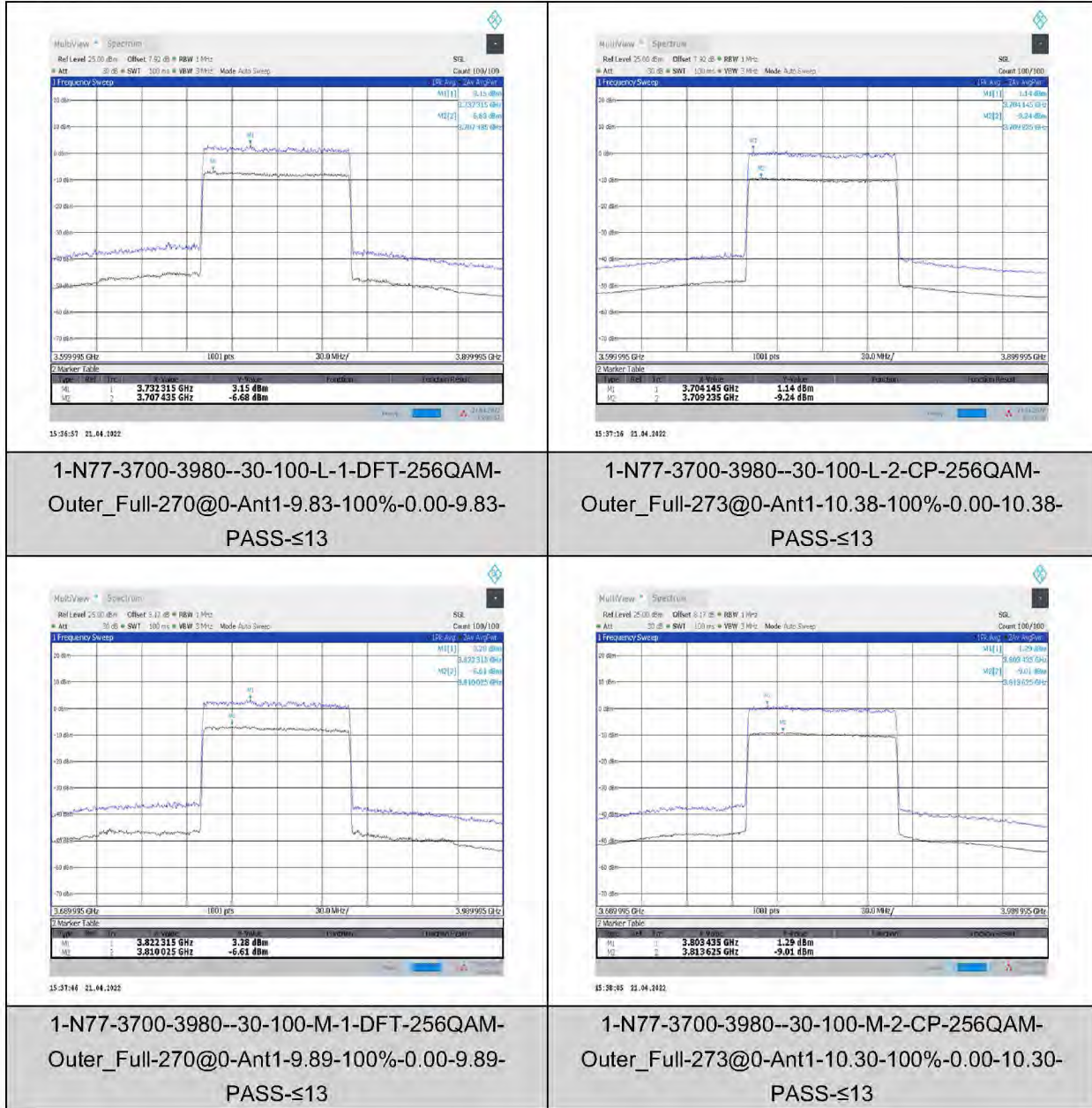


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62982980 www.sgs.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8号厂房南楼 邮编: 215000 t (86-512) 62982980 sgs.china@sgs.com

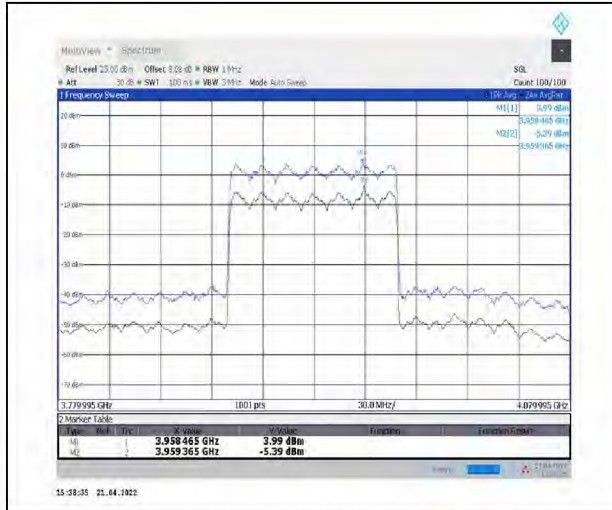
Test Graphs



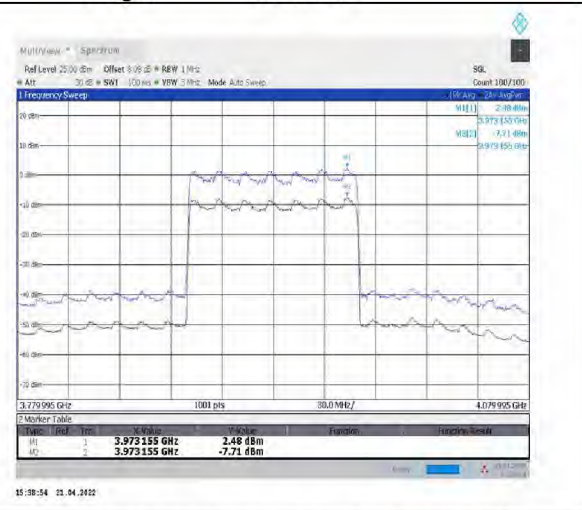
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CN.Describe@sgs.com](mailto:CN.Describe@sgs.com)

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62982980 www.sgs.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8号厂房南楼 邮编: 215000 t (86-512) 62982980 sgs.china@sgs.com



1-N77-3700-3980--30-100-H-1-DFT-256QAM-Outer\_Full-270@0-Ant1-9.38-100%-0.00-9.38-PASS- $\leq 13$



1-N77-3700-3980--30-100-H-2-CP-256QAM-Outer\_Full-273@0-Ant1-10.19-100%-0.00-10.19-PASS- $\leq 13$



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CN.Despatch@sgs.com](mailto:CN.Despatch@sgs.com)

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62982980 www.sgs.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8号厂房南楼 邮编：215000 t (86-512) 62982980 sgs.china@sgs.com

## Modulation characteristics for SA

### Test Result

| Band          | SCS | Bandwidth | Modulation  | Channel | RB Config  | Result    | Verdict |
|---------------|-----|-----------|-------------|---------|------------|-----------|---------|
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | M       | Outer_Full | see graph | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-QPSK    | M       | Outer_Full | see graph | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-16QAM   | M       | Outer_Full | see graph | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-64QAM   | M       | Outer_Full | see graph | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-256QAM  | M       | Outer_Full | see graph | PASS    |
| N77-3700-3980 | 30  | 100       | CP-QPSK     | M       | Outer_Full | see graph | PASS    |
| N77-3700-3980 | 30  | 100       | CP-16QAM    | M       | Outer_Full | see graph | PASS    |
| N77-3700-3980 | 30  | 100       | CP-64QAM    | M       | Outer_Full | see graph | PASS    |
| N77-3700-3980 | 30  | 100       | CP-256QAM   | M       | Outer_Full | see graph | PASS    |



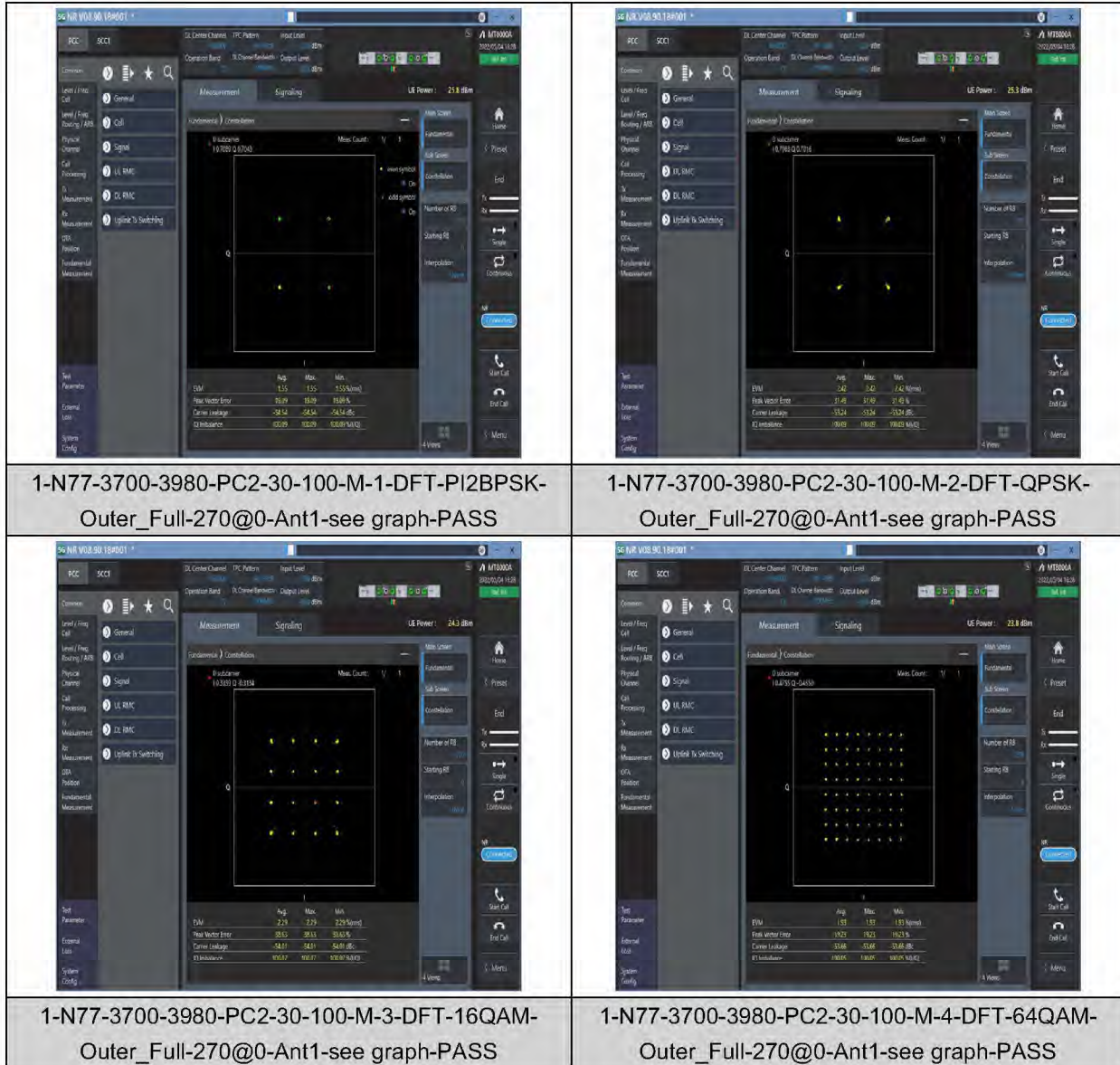
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 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8号厂房南楼 邮编: 215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com

Test Graphs

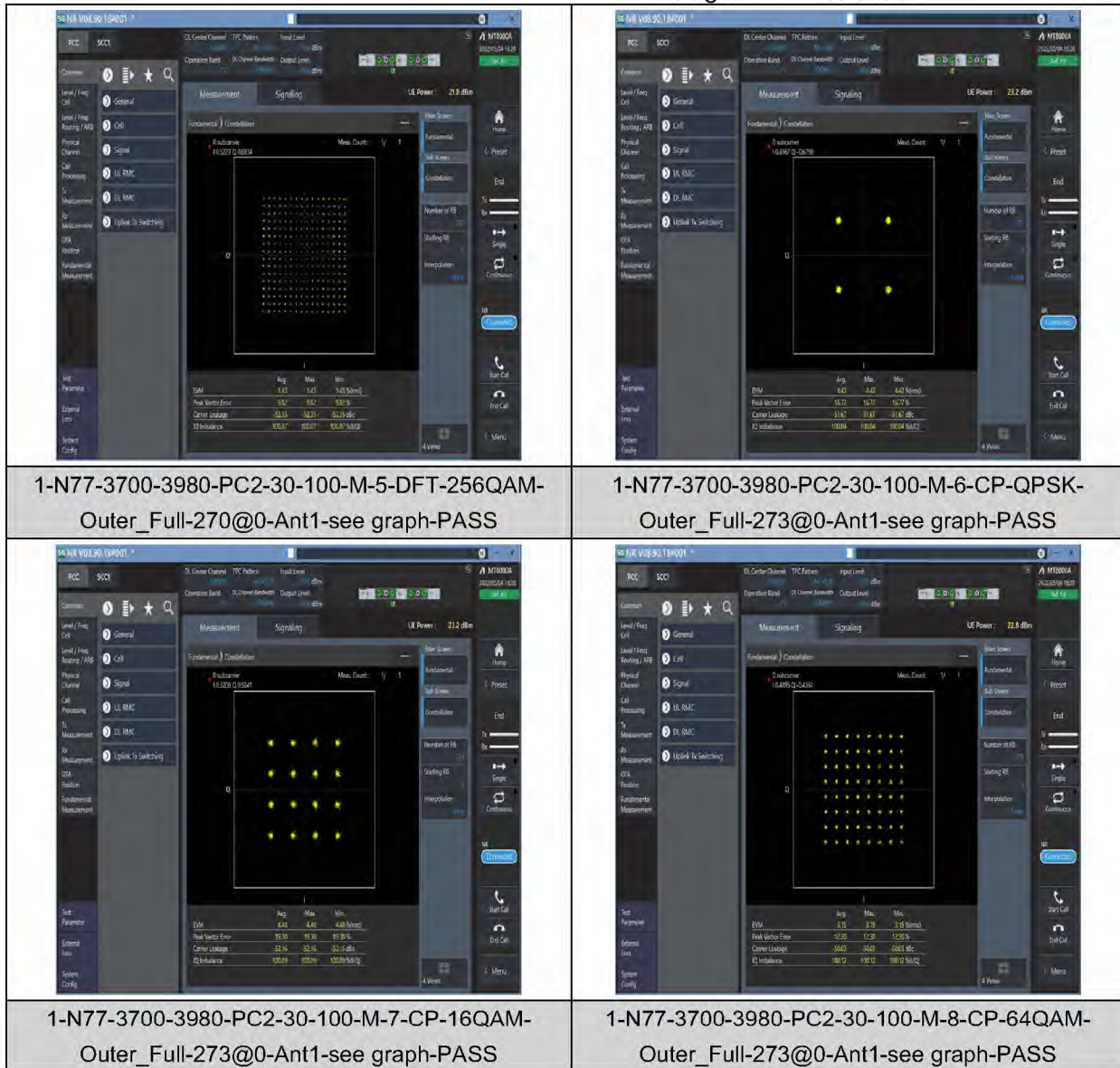


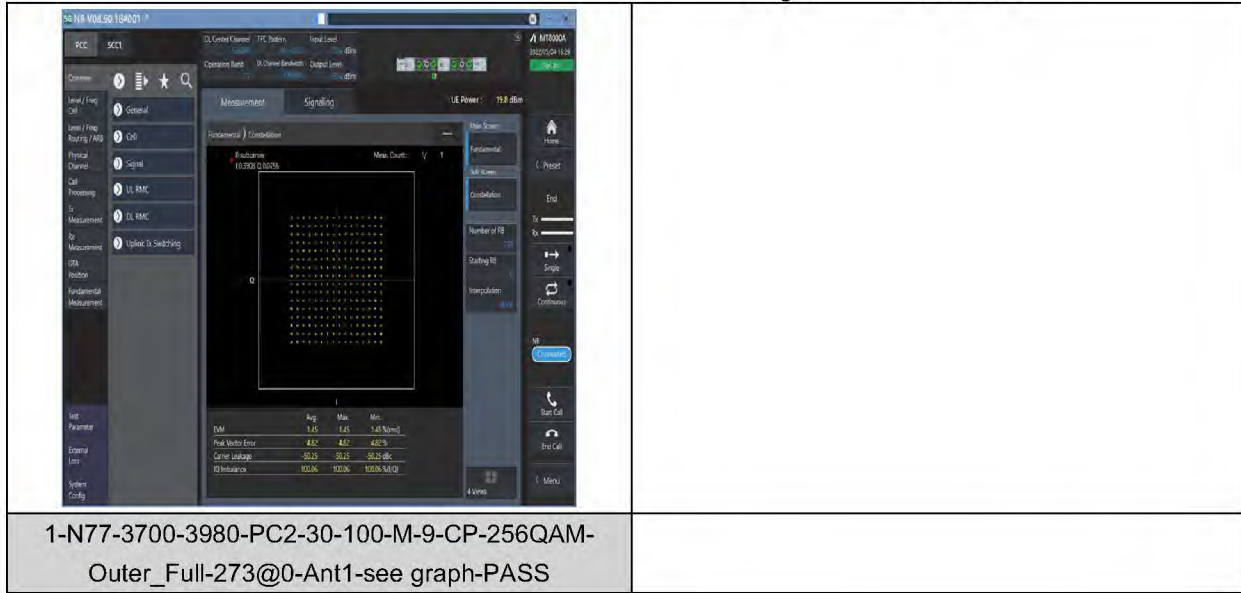
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 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8号厂房南楼 邮编：215000

(86-512) 62982980 www.sgs.com.cn  
 (86-512) 62982980 sgs.china@sgs.com





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

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

South of No. 9 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62982980 www.sgs.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9号厂房南楼 邮编: 215000 t (86-512) 62982980 sgs.china@sgs.com



## 26dB Bandwidth and Occupied Bandwidth for SA

### Test Result

| Band          | SCS | Bandwidth | Modulation  | Channel | RB Config  | Result (99%) | Result (26dB) | Verdict |
|---------------|-----|-----------|-------------|---------|------------|--------------|---------------|---------|
| N77-3700-3980 | 30  | 10        | DFT-QPSK    | L       | Outer_Full | 8.628        | 9.580         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-PI2BPSK | L       | Outer_Full | 8.569        | 9.220         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-16QAM   | L       | Outer_Full | 8.620        | 9.640         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-64QAM   | L       | Outer_Full | 8.567        | 9.580         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-256QAM  | L       | Outer_Full | 8.548        | 9.640         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-QPSK     | L       | Outer_Full | 8.624        | 9.620         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-16QAM    | L       | Outer_Full | 8.597        | 9.180         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-64QAM    | L       | Outer_Full | 8.611        | 9.740         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-256QAM   | L       | Outer_Full | 8.591        | 9.780         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-QPSK    | M       | Outer_Full | 8.598        | 9.840         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-PI2BPSK | M       | Outer_Full | 8.581        | 9.420         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-16QAM   | M       | Outer_Full | 8.630        | 9.380         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-64QAM   | M       | Outer_Full | 8.592        | 9.440         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-256QAM  | M       | Outer_Full | 8.545        | 9.540         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-QPSK     | M       | Outer_Full | 8.598        | 9.820         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-16QAM    | M       | Outer_Full | 8.608        | 9.820         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-64QAM    | M       | Outer_Full | 8.591        | 9.780         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-256QAM   | M       | Outer_Full | 8.593        | 9.420         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-QPSK    | H       | Outer_Full | 8.586        | 9.240         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-PI2BPSK | H       | Outer_Full | 8.560        | 9.420         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-16QAM   | H       | Outer_Full | 8.567        | 9.380         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-64QAM   | H       | Outer_Full | 8.595        | 9.300         | PASS    |
| N77-3700-3980 | 30  | 10        | DFT-256QAM  | H       | Outer_Full | 8.564        | 9.560         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-QPSK     | H       | Outer_Full | 8.589        | 9.600         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-16QAM    | H       | Outer_Full | 8.599        | 9.840         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-64QAM    | H       | Outer_Full | 8.604        | 9.760         | PASS    |
| N77-3700-3980 | 30  | 10        | CP-256QAM   | H       | Outer_Full | 8.571        | 9.460         | PASS    |
| N77-3700-3980 | 30  | 15        | DFT-QPSK    | L       | Outer_Full | 12.905       | 14.250        | PASS    |
| N77-3700-3980 | 30  | 15        | DFT-PI2BPSK | L       | Outer_Full | 12.865       | 14.250        | PASS    |
| N77-3700-3980 | 30  | 15        | DFT-16QAM   | L       | Outer_Full | 12.825       | 13.920        | PASS    |
| N77-3700-3980 | 30  | 15        | DFT-64QAM   | L       | Outer_Full | 12.889       | 13.740        | PASS    |
| N77-3700-3980 | 30  | 15        | DFT-256QAM  | L       | Outer_Full | 12.852       | 13.740        | PASS    |



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CN\\_Qscheck@sgs.com](mailto:CN_Qscheck@sgs.com)

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 1 (86-512) 62982980 [www.sgs.com](http://www.sgs.com)  
 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8号厂房南楼 邮编: 215000 1 (86-512) 62982980 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)





|               |    |    |             |   |            |        |        |      |
|---------------|----|----|-------------|---|------------|--------|--------|------|
| N77-3700-3980 | 30 | 15 | CP-QPSK     | L | Outer_Full | 13.611 | 15.030 | PASS |
| N77-3700-3980 | 30 | 15 | CP-16QAM    | L | Outer_Full | 13.597 | 14.760 | PASS |
| N77-3700-3980 | 30 | 15 | CP-64QAM    | L | Outer_Full | 13.579 | 14.640 | PASS |
| N77-3700-3980 | 30 | 15 | CP-256QAM   | L | Outer_Full | 13.551 | 14.700 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-QPSK    | M | Outer_Full | 12.875 | 14.160 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-PI2BPSK | M | Outer_Full | 12.848 | 14.130 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-16QAM   | M | Outer_Full | 12.800 | 14.250 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-64QAM   | M | Outer_Full | 12.868 | 14.340 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-256QAM  | M | Outer_Full | 12.866 | 14.070 | PASS |
| N77-3700-3980 | 30 | 15 | CP-QPSK     | M | Outer_Full | 13.579 | 14.580 | PASS |
| N77-3700-3980 | 30 | 15 | CP-16QAM    | M | Outer_Full | 13.560 | 14.670 | PASS |
| N77-3700-3980 | 30 | 15 | CP-64QAM    | M | Outer_Full | 13.659 | 15.210 | PASS |
| N77-3700-3980 | 30 | 15 | CP-256QAM   | M | Outer_Full | 13.579 | 14.310 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-QPSK    | H | Outer_Full | 12.857 | 13.620 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-PI2BPSK | H | Outer_Full | 12.84  | 14.070 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-16QAM   | H | Outer_Full | 12.866 | 14.310 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-64QAM   | H | Outer_Full | 12.874 | 14.250 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-256QAM  | H | Outer_Full | 12.861 | 14.340 | PASS |
| N77-3700-3980 | 30 | 15 | CP-QPSK     | H | Outer_Full | 13.532 | 14.730 | PASS |
| N77-3700-3980 | 30 | 15 | CP-16QAM    | H | Outer_Full | 13.589 | 14.850 | PASS |
| N77-3700-3980 | 30 | 15 | CP-64QAM    | H | Outer_Full | 13.552 | 14.820 | PASS |
| N77-3700-3980 | 30 | 15 | CP-256QAM   | H | Outer_Full | 13.605 | 15.090 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-QPSK    | L | Outer_Full | 17.775 | 18.840 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-PI2BPSK | L | Outer_Full | 17.753 | 18.880 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-16QAM   | L | Outer_Full | 17.788 | 18.840 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-64QAM   | L | Outer_Full | 17.778 | 18.960 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-256QAM  | L | Outer_Full | 17.852 | 18.960 | PASS |
| N77-3700-3980 | 30 | 20 | CP-QPSK     | L | Outer_Full | 18.183 | 19.280 | PASS |
| N77-3700-3980 | 30 | 20 | CP-16QAM    | L | Outer_Full | 18.239 | 19.800 | PASS |
| N77-3700-3980 | 30 | 20 | CP-64QAM    | L | Outer_Full | 18.215 | 19.520 | PASS |
| N77-3700-3980 | 30 | 20 | CP-256QAM   | L | Outer_Full | 18.164 | 19.480 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-QPSK    | M | Outer_Full | 17.660 | 18.920 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-PI2BPSK | M | Outer_Full | 17.817 | 19.160 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-16QAM   | M | Outer_Full | 17.770 | 18.800 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-64QAM   | M | Outer_Full | 17.842 | 19.200 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-256QAM  | M | Outer_Full | 17.833 | 19.000 | PASS |
| N77-3700-3980 | 30 | 20 | CP-QPSK     | M | Outer_Full | 18.153 | 19.320 | PASS |
| N77-3700-3980 | 30 | 20 | CP-16QAM    | M | Outer_Full | 18.191 | 19.360 | PASS |



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

Attention: To check the authenticity of testing/inspection report & certificates, please contact us at telephone: (86-755) 83071443, or email: [CN\\_Qcscheck@sgs.com](mailto:CN_Qcscheck@sgs.com)

South of No. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 1 (86-512) 62982980 www.sgs.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阳澄湖1号8号厂房南楼 邮编: 215000 1 (86-512) 62982980 sgs.china@sgs.com



|               |    |    |             |   |            |        |        |      |
|---------------|----|----|-------------|---|------------|--------|--------|------|
| N77-3700-3980 | 30 | 20 | CP-64QAM    | M | Outer_Full | 18.248 | 19.720 | PASS |
| N77-3700-3980 | 30 | 20 | CP-256QAM   | M | Outer_Full | 18.242 | 19.360 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-QPSK    | H | Outer_Full | 17.876 | 18.840 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-PI2BPSK | H | Outer_Full | 17.851 | 19.080 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-16QAM   | H | Outer_Full | 17.804 | 19.120 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-64QAM   | H | Outer_Full | 17.820 | 18.680 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-256QAM  | H | Outer_Full | 17.856 | 18.920 | PASS |
| N77-3700-3980 | 30 | 20 | CP-QPSK     | H | Outer_Full | 18.206 | 19.440 | PASS |
| N77-3700-3980 | 30 | 20 | CP-16QAM    | H | Outer_Full | 18.190 | 19.520 | PASS |
| N77-3700-3980 | 30 | 20 | CP-64QAM    | H | Outer_Full | 18.248 | 19.280 | PASS |
| N77-3700-3980 | 30 | 20 | CP-256QAM   | H | Outer_Full | 18.214 | 19.320 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-QPSK    | L | Outer_Full | 26.886 | 28.380 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-PI2BPSK | L | Outer_Full | 26.744 | 28.140 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-16QAM   | L | Outer_Full | 26.795 | 28.380 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-64QAM   | L | Outer_Full | 26.809 | 28.380 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-256QAM  | L | Outer_Full | 26.784 | 28.380 | PASS |
| N77-3700-3980 | 30 | 30 | CP-QPSK     | L | Outer_Full | 27.859 | 29.700 | PASS |
| N77-3700-3980 | 30 | 30 | CP-16QAM    | L | Outer_Full | 27.782 | 29.220 | PASS |
| N77-3700-3980 | 30 | 30 | CP-64QAM    | L | Outer_Full | 27.833 | 29.400 | PASS |
| N77-3700-3980 | 30 | 30 | CP-256QAM   | L | Outer_Full | 27.852 | 28.980 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-QPSK    | M | Outer_Full | 26.857 | 28.440 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-PI2BPSK | M | Outer_Full | 26.710 | 28.020 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-16QAM   | M | Outer_Full | 26.770 | 27.780 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-64QAM   | M | Outer_Full | 26.747 | 28.140 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-256QAM  | M | Outer_Full | 26.842 | 28.020 | PASS |
| N77-3700-3980 | 30 | 30 | CP-QPSK     | M | Outer_Full | 27.809 | 29.220 | PASS |
| N77-3700-3980 | 30 | 30 | CP-16QAM    | M | Outer_Full | 27.893 | 29.160 | PASS |
| N77-3700-3980 | 30 | 30 | CP-64QAM    | M | Outer_Full | 27.843 | 29.280 | PASS |
| N77-3700-3980 | 30 | 30 | CP-256QAM   | M | Outer_Full | 27.798 | 29.220 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-QPSK    | H | Outer_Full | 26.826 | 28.500 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-PI2BPSK | H | Outer_Full | 26.774 | 28.200 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-16QAM   | H | Outer_Full | 26.665 | 28.380 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-64QAM   | H | Outer_Full | 26.756 | 28.620 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-256QAM  | H | Outer_Full | 26.788 | 28.320 | PASS |
| N77-3700-3980 | 30 | 30 | CP-QPSK     | H | Outer_Full | 27.806 | 29.460 | PASS |
| N77-3700-3980 | 30 | 30 | CP-16QAM    | H | Outer_Full | 27.85  | 29.040 | PASS |
| N77-3700-3980 | 30 | 30 | CP-64QAM    | H | Outer_Full | 27.794 | 29.100 | PASS |
| N77-3700-3980 | 30 | 30 | CP-256QAM   | H | Outer_Full | 27.825 | 29.280 | PASS |



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

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

South of No. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 1 (86-512) 62982980 www.sgs.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阳澄湖1号6号厂房南楼 邮编: 215000 1 (86-512) 62982980 sgs.china@sgs.com



|               |    |    |             |   |            |        |        |      |
|---------------|----|----|-------------|---|------------|--------|--------|------|
| N77-3700-3980 | 30 | 40 | DFT-QPSK    | L | Outer_Full | 35.818 | 37.680 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-PI2BPSK | L | Outer_Full | 35.776 | 37.840 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-16QAM   | L | Outer_Full | 35.643 | 37.280 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-64QAM   | L | Outer_Full | 35.791 | 37.760 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-256QAM  | L | Outer_Full | 35.765 | 37.200 | PASS |
| N77-3700-3980 | 30 | 40 | CP-QPSK     | L | Outer_Full | 37.912 | 39.680 | PASS |
| N77-3700-3980 | 30 | 40 | CP-16QAM    | L | Outer_Full | 37.895 | 39.360 | PASS |
| N77-3700-3980 | 30 | 40 | CP-64QAM    | L | Outer_Full | 37.849 | 39.840 | PASS |
| N77-3700-3980 | 30 | 40 | CP-256QAM   | L | Outer_Full | 37.853 | 39.680 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-QPSK    | M | Outer_Full | 35.718 | 37.840 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-PI2BPSK | M | Outer_Full | 35.824 | 37.280 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-16QAM   | M | Outer_Full | 35.847 | 38.080 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-64QAM   | M | Outer_Full | 35.834 | 37.360 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-256QAM  | M | Outer_Full | 35.784 | 37.440 | PASS |
| N77-3700-3980 | 30 | 40 | CP-QPSK     | M | Outer_Full | 37.813 | 39.840 | PASS |
| N77-3700-3980 | 30 | 40 | CP-16QAM    | M | Outer_Full | 37.803 | 39.520 | PASS |
| N77-3700-3980 | 30 | 40 | CP-64QAM    | M | Outer_Full | 37.826 | 39.600 | PASS |
| N77-3700-3980 | 30 | 40 | CP-256QAM   | M | Outer_Full | 37.710 | 39.440 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-QPSK    | H | Outer_Full | 35.792 | 37.680 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-PI2BPSK | H | Outer_Full | 35.784 | 37.920 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-16QAM   | H | Outer_Full | 35.662 | 37.600 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-64QAM   | H | Outer_Full | 35.729 | 37.760 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-256QAM  | H | Outer_Full | 35.616 | 37.680 | PASS |
| N77-3700-3980 | 30 | 40 | CP-QPSK     | H | Outer_Full | 37.742 | 39.840 | PASS |
| N77-3700-3980 | 30 | 40 | CP-16QAM    | H | Outer_Full | 37.823 | 39.760 | PASS |
| N77-3700-3980 | 30 | 40 | CP-64QAM    | H | Outer_Full | 37.892 | 39.840 | PASS |
| N77-3700-3980 | 30 | 40 | CP-256QAM   | H | Outer_Full | 37.692 | 40.160 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-QPSK    | L | Outer_Full | 45.778 | 48.000 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-PI2BPSK | L | Outer_Full | 45.567 | 47.500 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-16QAM   | L | Outer_Full | 45.628 | 47.400 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-64QAM   | L | Outer_Full | 45.669 | 47.700 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-256QAM  | L | Outer_Full | 45.651 | 48.100 | PASS |
| N77-3700-3980 | 30 | 50 | CP-QPSK     | L | Outer_Full | 47.326 | 49.600 | PASS |
| N77-3700-3980 | 30 | 50 | CP-16QAM    | L | Outer_Full | 47.468 | 49.300 | PASS |
| N77-3700-3980 | 30 | 50 | CP-64QAM    | L | Outer_Full | 47.472 | 50.000 | PASS |
| N77-3700-3980 | 30 | 50 | CP-256QAM   | L | Outer_Full | 47.286 | 49.200 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-QPSK    | M | Outer_Full | 45.668 | 47.900 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-PI2BPSK | M | Outer_Full | 45.741 | 47.400 | PASS |



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

Attention: To check the authenticity of testing / inspection report & certificates, please contact us at telephone: (86-755) 83071443, or email: [CN.QAcheck@sgs.com](mailto:CN.QAcheck@sgs.com)

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.  
Wireless Laboratory

South of No. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
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阳澄湖1号8号厂房南楼 邮编: 215000

t (86-512) 62982980 www.sgs.com.cn  
t (86-512) 62982980 sgs.china@sgs.com



|               |    |    |             |   |            |        |        |      |
|---------------|----|----|-------------|---|------------|--------|--------|------|
| N77-3700-3980 | 30 | 50 | DFT-16QAM   | M | Outer_Full | 45.588 | 47.400 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-64QAM   | M | Outer_Full | 45.591 | 47.500 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-256QAM  | M | Outer_Full | 45.772 | 47.400 | PASS |
| N77-3700-3980 | 30 | 50 | CP-QPSK     | M | Outer_Full | 47.429 | 49.300 | PASS |
| N77-3700-3980 | 30 | 50 | CP-16QAM    | M | Outer_Full | 47.375 | 49.400 | PASS |
| N77-3700-3980 | 30 | 50 | CP-64QAM    | M | Outer_Full | 47.529 | 49.600 | PASS |
| N77-3700-3980 | 30 | 50 | CP-256QAM   | M | Outer_Full | 47.381 | 49.200 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-QPSK    | H | Outer_Full | 45.751 | 47.900 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-PI2BPSK | H | Outer_Full | 45.652 | 47.500 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-16QAM   | H | Outer_Full | 45.677 | 47.400 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-64QAM   | H | Outer_Full | 45.645 | 48.100 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-256QAM  | H | Outer_Full | 45.762 | 47.500 | PASS |
| N77-3700-3980 | 30 | 50 | CP-QPSK     | H | Outer_Full | 47.473 | 49.000 | PASS |
| N77-3700-3980 | 30 | 50 | CP-16QAM    | H | Outer_Full | 47.484 | 49.600 | PASS |
| N77-3700-3980 | 30 | 50 | CP-64QAM    | H | Outer_Full | 47.345 | 49.900 | PASS |
| N77-3700-3980 | 30 | 50 | CP-256QAM   | H | Outer_Full | 47.494 | 49.400 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-QPSK    | L | Outer_Full | 57.736 | 59.880 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-PI2BPSK | L | Outer_Full | 57.711 | 59.640 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-16QAM   | L | Outer_Full | 57.848 | 59.880 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-64QAM   | L | Outer_Full | 57.775 | 60.120 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-256QAM  | L | Outer_Full | 57.802 | 60.120 | PASS |
| N77-3700-3980 | 30 | 60 | CP-QPSK     | L | Outer_Full | 57.576 | 59.880 | PASS |
| N77-3700-3980 | 30 | 60 | CP-16QAM    | L | Outer_Full | 57.956 | 60.240 | PASS |
| N77-3700-3980 | 30 | 60 | CP-64QAM    | L | Outer_Full | 57.727 | 59.880 | PASS |
| N77-3700-3980 | 30 | 60 | CP-256QAM   | L | Outer_Full | 57.530 | 59.640 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-QPSK    | M | Outer_Full | 57.836 | 59.880 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-PI2BPSK | M | Outer_Full | 57.792 | 59.520 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-16QAM   | M | Outer_Full | 57.599 | 59.760 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-64QAM   | M | Outer_Full | 58.009 | 60.000 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-256QAM  | M | Outer_Full | 58.033 | 60.240 | PASS |
| N77-3700-3980 | 30 | 60 | CP-QPSK     | M | Outer_Full | 57.755 | 60.120 | PASS |
| N77-3700-3980 | 30 | 60 | CP-16QAM    | M | Outer_Full | 57.692 | 59.760 | PASS |
| N77-3700-3980 | 30 | 60 | CP-64QAM    | M | Outer_Full | 57.489 | 59.640 | PASS |
| N77-3700-3980 | 30 | 60 | CP-256QAM   | M | Outer_Full | 57.863 | 60.000 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-QPSK    | H | Outer_Full | 57.938 | 59.880 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-PI2BPSK | H | Outer_Full | 57.985 | 60.120 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-16QAM   | H | Outer_Full | 57.925 | 60.240 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-64QAM   | H | Outer_Full | 57.943 | 60.000 | PASS |



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

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

South of No. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 1 (86-512) 62982980 www.sgs.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阳澄湖1号8号厂房南楼 邮编: 215000 1 (86-512) 62982980 sgs.china@sgs.com



|               |    |    |             |   |            |        |        |      |
|---------------|----|----|-------------|---|------------|--------|--------|------|
| N77-3700-3980 | 30 | 60 | DFT-256QAM  | H | Outer_Full | 57.883 | 59.880 | PASS |
| N77-3700-3980 | 30 | 60 | CP-QPSK     | H | Outer_Full | 57.705 | 60.240 | PASS |
| N77-3700-3980 | 30 | 60 | CP-16QAM    | H | Outer_Full | 57.860 | 60.120 | PASS |
| N77-3700-3980 | 30 | 60 | CP-64QAM    | H | Outer_Full | 57.677 | 59.760 | PASS |
| N77-3700-3980 | 30 | 60 | CP-256QAM   | H | Outer_Full | 57.615 | 59.880 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-QPSK    | L | Outer_Full | 64.288 | 66.220 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-PI2BPSK | L | Outer_Full | 64.186 | 66.220 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-16QAM   | L | Outer_Full | 64.386 | 66.360 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-64QAM   | L | Outer_Full | 64.220 | 66.500 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-256QAM  | L | Outer_Full | 64.365 | 66.220 | PASS |
| N77-3700-3980 | 30 | 70 | CP-QPSK     | L | Outer_Full | 67.374 | 69.720 | PASS |
| N77-3700-3980 | 30 | 70 | CP-16QAM    | L | Outer_Full | 67.341 | 69.580 | PASS |
| N77-3700-3980 | 30 | 70 | CP-64QAM    | L | Outer_Full | 67.319 | 69.720 | PASS |
| N77-3700-3980 | 30 | 70 | CP-256QAM   | L | Outer_Full | 67.518 | 69.720 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-QPSK    | M | Outer_Full | 64.179 | 66.220 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-PI2BPSK | M | Outer_Full | 64.144 | 66.220 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-16QAM   | M | Outer_Full | 64.143 | 66.220 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-64QAM   | M | Outer_Full | 64.324 | 66.640 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-256QAM  | M | Outer_Full | 64.272 | 66.360 | PASS |
| N77-3700-3980 | 30 | 70 | CP-QPSK     | M | Outer_Full | 66.922 | 69.160 | PASS |
| N77-3700-3980 | 30 | 70 | CP-16QAM    | M | Outer_Full | 67.421 | 69.580 | PASS |
| N77-3700-3980 | 30 | 70 | CP-64QAM    | M | Outer_Full | 67.457 | 69.720 | PASS |
| N77-3700-3980 | 30 | 70 | CP-256QAM   | M | Outer_Full | 67.330 | 69.440 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-QPSK    | H | Outer_Full | 64.297 | 66.360 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-PI2BPSK | H | Outer_Full | 64.127 | 66.360 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-16QAM   | H | Outer_Full | 64.110 | 66.220 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-64QAM   | H | Outer_Full | 64.424 | 66.220 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-256QAM  | H | Outer_Full | 64.391 | 66.500 | PASS |
| N77-3700-3980 | 30 | 70 | CP-QPSK     | H | Outer_Full | 67.322 | 69.860 | PASS |
| N77-3700-3980 | 30 | 70 | CP-16QAM    | H | Outer_Full | 67.355 | 69.720 | PASS |
| N77-3700-3980 | 30 | 70 | CP-64QAM    | H | Outer_Full | 67.540 | 69.440 | PASS |
| N77-3700-3980 | 30 | 70 | CP-256QAM   | H | Outer_Full | 67.331 | 69.720 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-QPSK    | L | Outer_Full | 77.195 | 80.320 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-PI2BPSK | L | Outer_Full | 77.200 | 80.640 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-16QAM   | L | Outer_Full | 77.359 | 80.480 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-64QAM   | L | Outer_Full | 77.063 | 80.480 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-256QAM  | L | Outer_Full | 77.243 | 80.320 | PASS |
| N77-3700-3980 | 30 | 80 | CP-QPSK     | L | Outer_Full | 77.325 | 80.640 | PASS |



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

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

South of No. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 1 (86-512) 62982980 www.sgs.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阳澄湖1号8号厂房南楼 邮编: 215000 1 (86-512) 62982980 sgs.china@sgs.com



|               |    |    |             |   |            |        |        |      |
|---------------|----|----|-------------|---|------------|--------|--------|------|
| N77-3700-3980 | 30 | 80 | CP-16QAM    | L | Outer_Full | 77.502 | 80.480 | PASS |
| N77-3700-3980 | 30 | 80 | CP-64QAM    | L | Outer_Full | 77.415 | 80.640 | PASS |
| N77-3700-3980 | 30 | 80 | CP-256QAM   | L | Outer_Full | 77.399 | 80.800 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-QPSK    | M | Outer_Full | 77.059 | 80.320 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-PI2BPSK | M | Outer_Full | 77.234 | 80.480 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-16QAM   | M | Outer_Full | 77.027 | 80.320 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-64QAM   | M | Outer_Full | 76.984 | 80.320 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-256QAM  | M | Outer_Full | 76.972 | 80.320 | PASS |
| N77-3700-3980 | 30 | 80 | CP-QPSK     | M | Outer_Full | 77.408 | 80.640 | PASS |
| N77-3700-3980 | 30 | 80 | CP-16QAM    | M | Outer_Full | 77.311 | 80.800 | PASS |
| N77-3700-3980 | 30 | 80 | CP-64QAM    | M | Outer_Full | 77.426 | 80.960 | PASS |
| N77-3700-3980 | 30 | 80 | CP-256QAM   | M | Outer_Full | 77.469 | 80.480 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-QPSK    | H | Outer_Full | 77.203 | 80.320 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-PI2BPSK | H | Outer_Full | 77.301 | 80.320 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-16QAM   | H | Outer_Full | 77.147 | 80.320 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-64QAM   | H | Outer_Full | 77.104 | 80.160 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-256QAM  | H | Outer_Full | 77.042 | 80.320 | PASS |
| N77-3700-3980 | 30 | 80 | CP-QPSK     | H | Outer_Full | 77.504 | 80.640 | PASS |
| N77-3700-3980 | 30 | 80 | CP-16QAM    | H | Outer_Full | 77.560 | 80.640 | PASS |
| N77-3700-3980 | 30 | 80 | CP-64QAM    | H | Outer_Full | 77.522 | 80.640 | PASS |
| N77-3700-3980 | 30 | 80 | CP-256QAM   | H | Outer_Full | 77.518 | 80.800 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-QPSK    | L | Outer_Full | 85.747 | 88.920 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-PI2BPSK | L | Outer_Full | 85.634 | 88.920 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-16QAM   | L | Outer_Full | 85.670 | 88.740 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-64QAM   | L | Outer_Full | 85.821 | 88.920 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-256QAM  | L | Outer_Full | 85.856 | 89.100 | PASS |
| N77-3700-3980 | 30 | 90 | CP-QPSK     | L | Outer_Full | 87.557 | 91.260 | PASS |
| N77-3700-3980 | 30 | 90 | CP-16QAM    | L | Outer_Full | 87.461 | 90.720 | PASS |
| N77-3700-3980 | 30 | 90 | CP-64QAM    | L | Outer_Full | 87.545 | 90.900 | PASS |
| N77-3700-3980 | 30 | 90 | CP-256QAM   | L | Outer_Full | 87.422 | 90.900 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-QPSK    | M | Outer_Full | 85.425 | 88.920 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-PI2BPSK | M | Outer_Full | 85.678 | 88.920 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-16QAM   | M | Outer_Full | 85.607 | 89.100 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-64QAM   | M | Outer_Full | 85.713 | 88.920 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-256QAM  | M | Outer_Full | 85.645 | 88.920 | PASS |
| N77-3700-3980 | 30 | 90 | CP-QPSK     | M | Outer_Full | 87.184 | 90.720 | PASS |
| N77-3700-3980 | 30 | 90 | CP-16QAM    | M | Outer_Full | 87.306 | 90.900 | PASS |
| N77-3700-3980 | 30 | 90 | CP-64QAM    | M | Outer_Full | 87.299 | 90.720 | PASS |



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

Attention: To check the authenticity of testing/inspection report & certificates, please contact us at telephone: (86-755) 83071443, or email: [CN.Questcheck@sgs.com](mailto:CN.Questcheck@sgs.com)

South of No. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 1 (86-512) 62982980 www.sgs.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阳澄湖路1号的8号厂房南楼 邮编: 215000 1 (86-512) 62982980 sgs.china@sgs.com



|               |    |     |             |   |            |        |         |      |
|---------------|----|-----|-------------|---|------------|--------|---------|------|
| N77-3700-3980 | 30 | 90  | CP-256QAM   | M | Outer_Full | 87.313 | 90.720  | PASS |
| N77-3700-3980 | 30 | 90  | DFT-QPSK    | H | Outer_Full | 85.820 | 89.100  | PASS |
| N77-3700-3980 | 30 | 90  | DFT-PI2BPSK | H | Outer_Full | 85.524 | 88.920  | PASS |
| N77-3700-3980 | 30 | 90  | DFT-16QAM   | H | Outer_Full | 85.563 | 89.100  | PASS |
| N77-3700-3980 | 30 | 90  | DFT-64QAM   | H | Outer_Full | 85.589 | 88.920  | PASS |
| N77-3700-3980 | 30 | 90  | DFT-256QAM  | H | Outer_Full | 85.609 | 88.920  | PASS |
| N77-3700-3980 | 30 | 90  | CP-QPSK     | H | Outer_Full | 87.552 | 90.720  | PASS |
| N77-3700-3980 | 30 | 90  | CP-16QAM    | H | Outer_Full | 87.566 | 91.080  | PASS |
| N77-3700-3980 | 30 | 90  | CP-64QAM    | H | Outer_Full | 87.548 | 90.900  | PASS |
| N77-3700-3980 | 30 | 90  | CP-256QAM   | H | Outer_Full | 87.426 | 90.900  | PASS |
| N77-3700-3980 | 30 | 100 | DFT-QPSK    | L | Outer_Full | 96.336 | 99.800  | PASS |
| N77-3700-3980 | 30 | 100 | DFT-PI2BPSK | L | Outer_Full | 96.448 | 99.800  | PASS |
| N77-3700-3980 | 30 | 100 | DFT-16QAM   | L | Outer_Full | 96.192 | 99.600  | PASS |
| N77-3700-3980 | 30 | 100 | DFT-64QAM   | L | Outer_Full | 96.218 | 99.600  | PASS |
| N77-3700-3980 | 30 | 100 | DFT-256QAM  | L | Outer_Full | 96.269 | 99.800  | PASS |
| N77-3700-3980 | 30 | 100 | CP-QPSK     | L | Outer_Full | 97.654 | 101.000 | PASS |
| N77-3700-3980 | 30 | 100 | CP-16QAM    | L | Outer_Full | 97.391 | 101.000 | PASS |
| N77-3700-3980 | 30 | 100 | CP-64QAM    | L | Outer_Full | 97.270 | 100.600 | PASS |
| N77-3700-3980 | 30 | 100 | CP-256QAM   | L | Outer_Full | 97.428 | 101.000 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-QPSK    | M | Outer_Full | 96.201 | 100.000 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-PI2BPSK | M | Outer_Full | 95.908 | 99.600  | PASS |
| N77-3700-3980 | 30 | 100 | DFT-16QAM   | M | Outer_Full | 96.266 | 99.800  | PASS |
| N77-3700-3980 | 30 | 100 | DFT-64QAM   | M | Outer_Full | 96.054 | 100.000 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-256QAM  | M | Outer_Full | 96.436 | 100.000 | PASS |
| N77-3700-3980 | 30 | 100 | CP-QPSK     | M | Outer_Full | 97.249 | 100.800 | PASS |
| N77-3700-3980 | 30 | 100 | CP-16QAM    | M | Outer_Full | 96.989 | 100.800 | PASS |
| N77-3700-3980 | 30 | 100 | CP-64QAM    | M | Outer_Full | 97.355 | 100.600 | PASS |
| N77-3700-3980 | 30 | 100 | CP-256QAM   | M | Outer_Full | 97.258 | 101.000 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-QPSK    | H | Outer_Full | 96.293 | 99.800  | PASS |
| N77-3700-3980 | 30 | 100 | DFT-PI2BPSK | H | Outer_Full | 96.350 | 99.800  | PASS |
| N77-3700-3980 | 30 | 100 | DFT-16QAM   | H | Outer_Full | 96.454 | 99.800  | PASS |
| N77-3700-3980 | 30 | 100 | DFT-64QAM   | H | Outer_Full | 96.412 | 99.600  | PASS |
| N77-3700-3980 | 30 | 100 | DFT-256QAM  | H | Outer_Full | 96.360 | 99.800  | PASS |
| N77-3700-3980 | 30 | 100 | CP-QPSK     | H | Outer_Full | 97.468 | 101.000 | PASS |
| N77-3700-3980 | 30 | 100 | CP-16QAM    | H | Outer_Full | 97.474 | 100.800 | PASS |
| N77-3700-3980 | 30 | 100 | CP-64QAM    | H | Outer_Full | 97.514 | 101.000 | PASS |
| N77-3700-3980 | 30 | 100 | CP-256QAM   | H | Outer_Full | 97.551 | 100.800 | PASS |

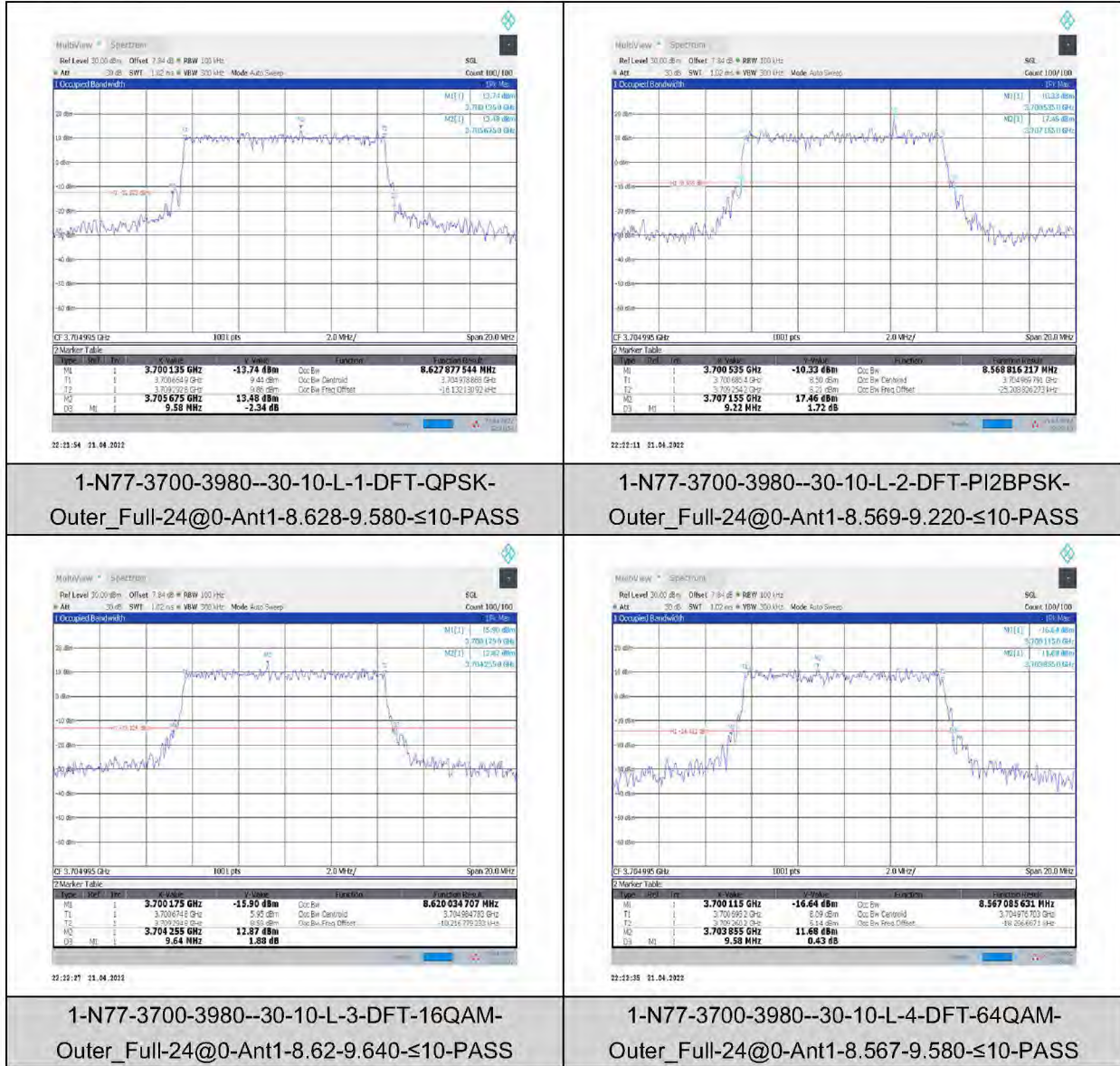


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 1 (86-512) 62982980 www.sgs.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8号厂房南楼 邮编: 215000 1 (86-512) 62982980 sgs.china@sgs.com

Test Graphs



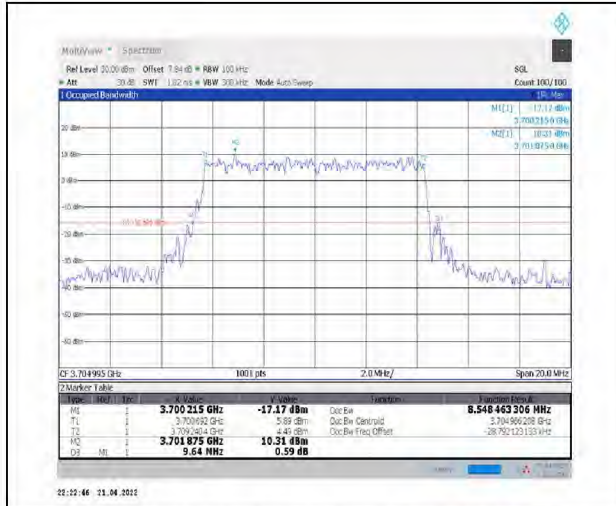
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CN.Despatch@sgs.com](mailto:CN.Despatch@sgs.com)

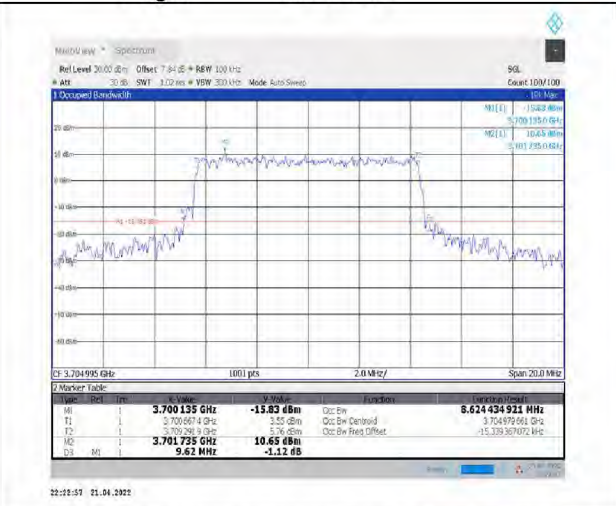
South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润生路1号的8号厂房南楼 邮编：215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com

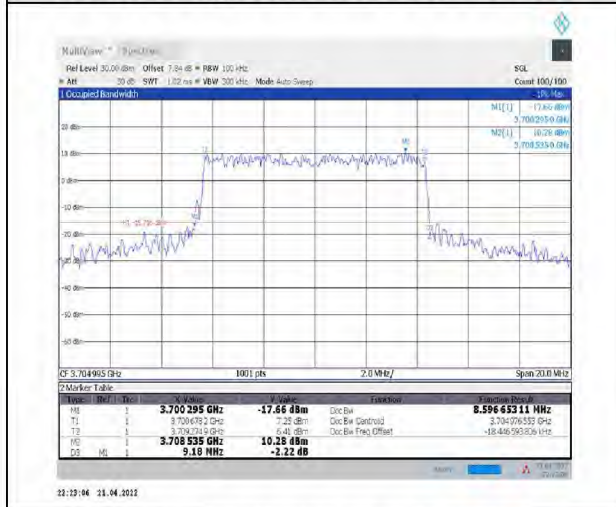




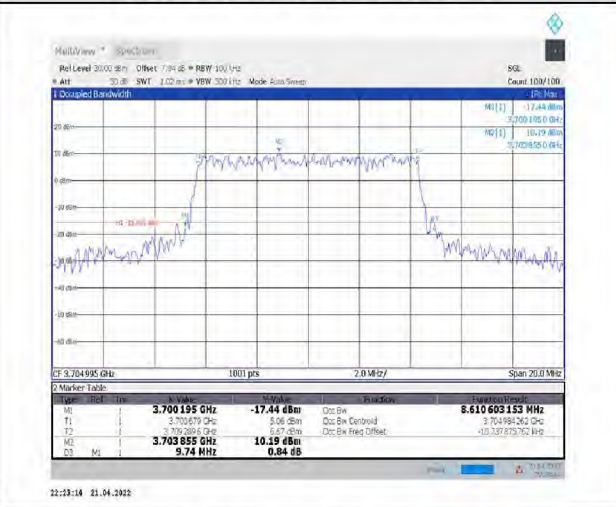
1-N77-3700-3980--30-10-L-5-DFT-256QAM-Outer\_Full-24@0-Ant1-8.548-9.640-<10-PASS



1-N77-3700-3980--30-10-L-6-CP-QPSK-Outer\_Full-24@0-Ant1-8.624-9.620-<10-PASS



1-N77-3700-3980--30-10-L-7-CP-16QAM-Outer\_Full-24@0-Ant1-8.597-9.180-<10-PASS



1-N77-3700-3980--30-10-L-8-CP-64QAM-Outer\_Full-24@0-Ant1-8.611-9.740-<10-PASS



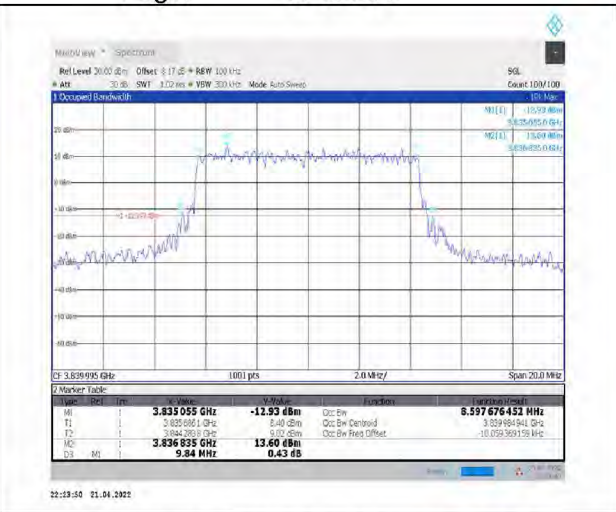
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

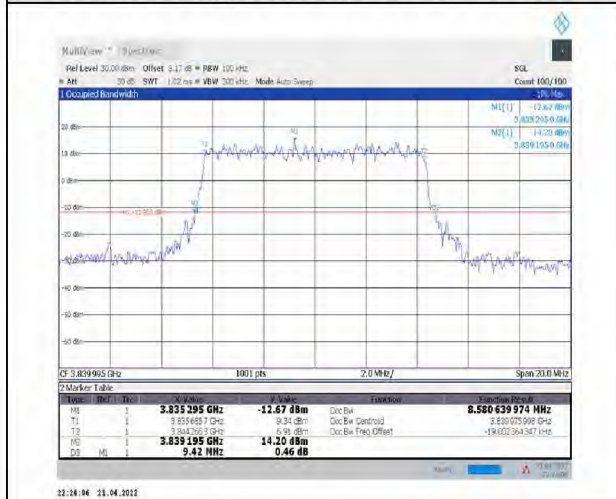
South of No. 8 Plant, No. 1, Ransheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 t (86-512) 62982980 www.sgs.com.cn  
 中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区阳澄湖路1号的8号厂房南楼 邮编：215000 t (86-512) 62982980 sgs.china@sgs.com



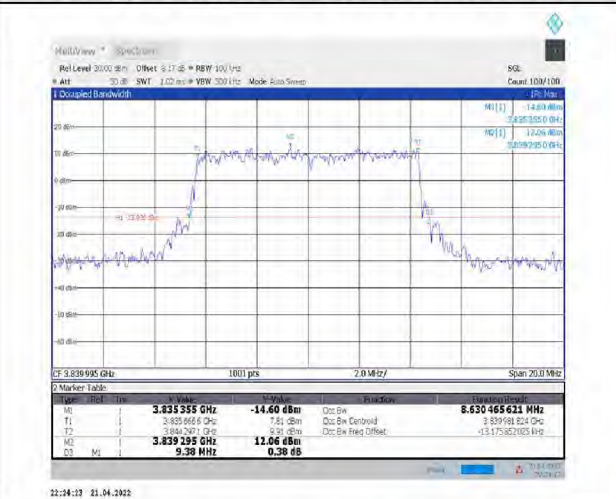
1-N77-3700-3980--30-10-L-9-CP-256QAM-Outer\_Full-24@0-Ant1-8.591-9.780-≤10-PASS



1-N77-3700-3980--30-10-M-1-DFT-QPSK-Outer\_Full-24@0-Ant1-8.598-9.840-≤10-PASS



1-N77-3700-3980--30-10-M-2-DFT-PI2BPSK-Outer\_Full-24@0-Ant1-8.581-9.420-≤10-PASS



1-N77-3700-3980--30-10-M-3-DFT-16QAM-Outer\_Full-24@0-Ant1-8.63-9.380-≤10-PASS

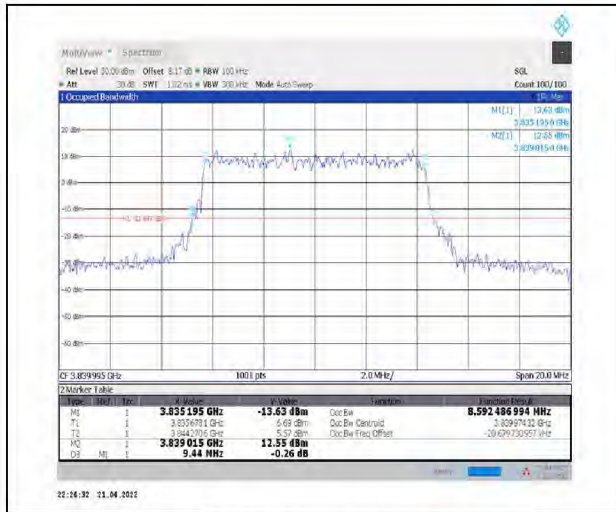


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

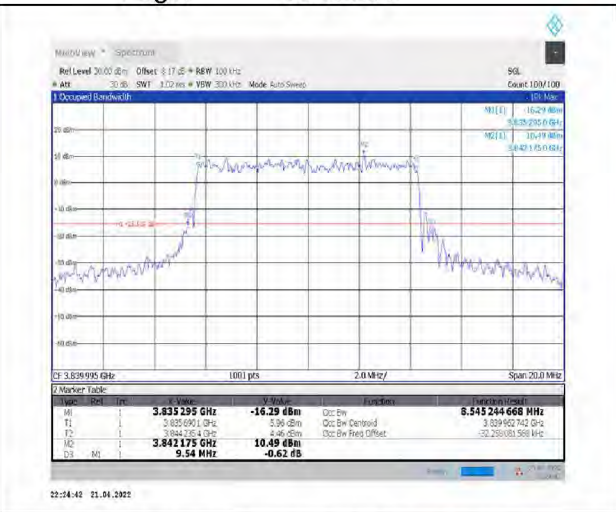
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CS.Despatch@sgs.com](mailto:CS.Despatch@sgs.com)

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 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8号厂房南楼 邮编: 215000

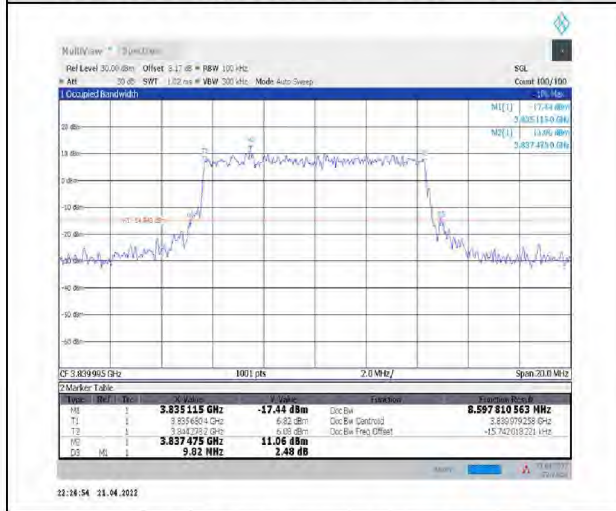
t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



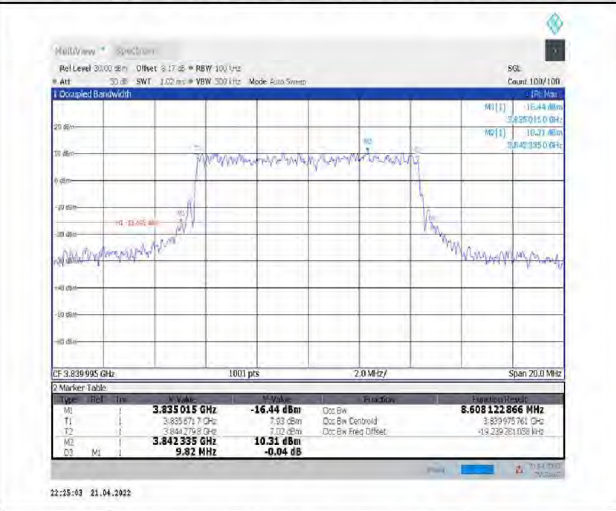
1-N77-3700-3980--30-10-M-4-DFT-64QAM-Outer\_Full-24@0-Ant1-8.592-9.440-<math>\leq 10</math>-PASS



1-N77-3700-3980--30-10-M-5-DFT-256QAM-Outer\_Full-24@0-Ant1-8.545-9.540-<math>\leq 10</math>-PASS



1-N77-3700-3980--30-10-M-6-CP-QPSK-Outer\_Full-24@0-Ant1-8.598-9.820-<math>\leq 10</math>-PASS



1-N77-3700-3980--30-10-M-7-CP-16QAM-Outer\_Full-24@0-Ant1-8.608-9.820-<math>\leq 10</math>-PASS

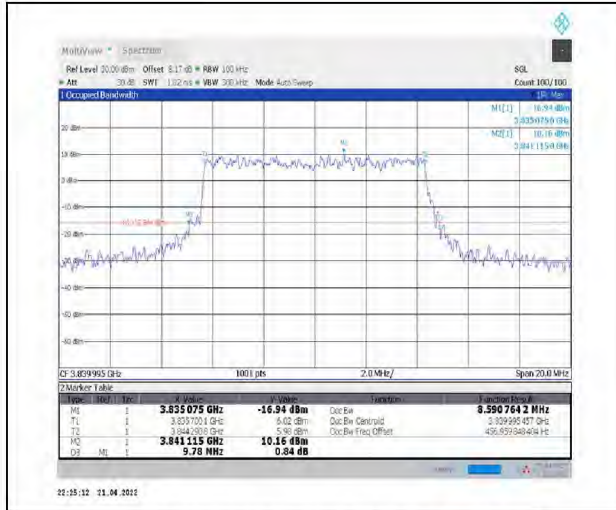


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

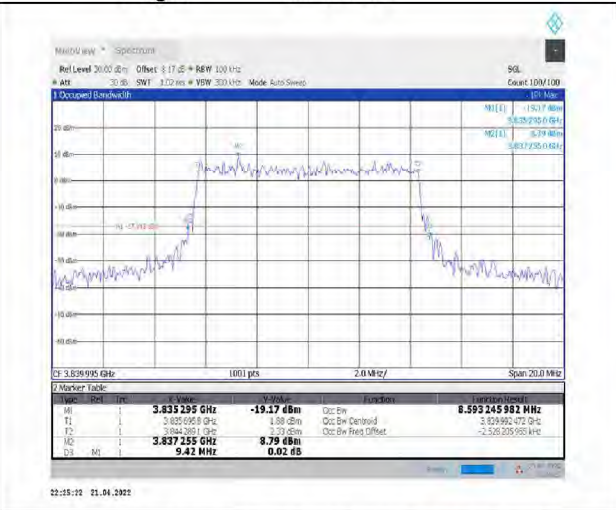
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Despatch@sgs.com](mailto:CN.Despatch@sgs.com)

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 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8号厂房南楼 邮编：215000

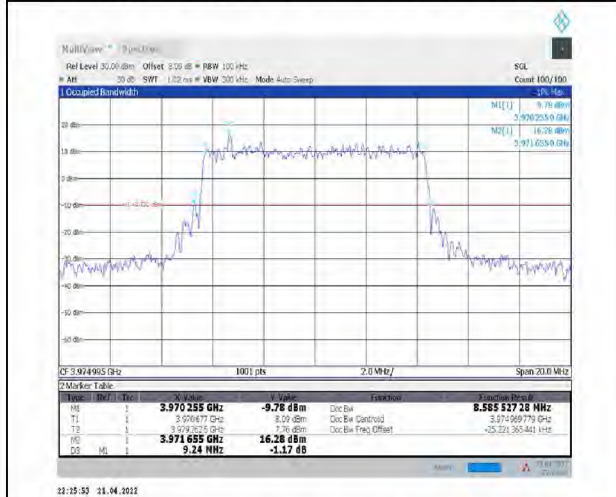
t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



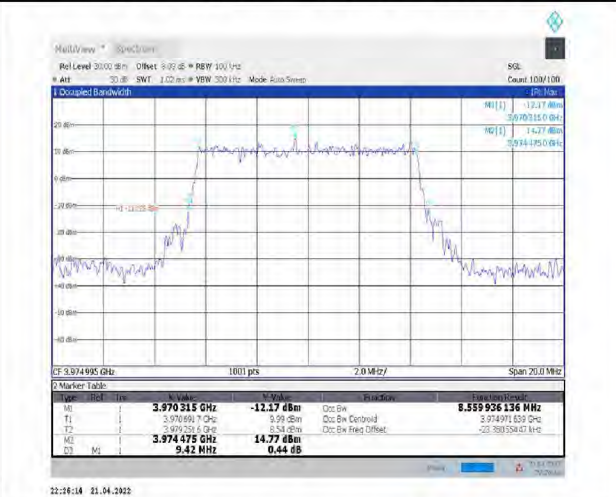
1-N77-3700-3980--30-10-M-8-CP-64QAM-Outer\_Full-24@0-Ant1-8.591-9.780-≤10-PASS



1-N77-3700-3980--30-10-M-9-CP-256QAM-Outer\_Full-24@0-Ant1-8.593-9.420-≤10-PASS



1-N77-3700-3980--30-10-H-1-DFT-QPSK-Outer\_Full-24@0-Ant1-8.586-9.240-≤10-PASS

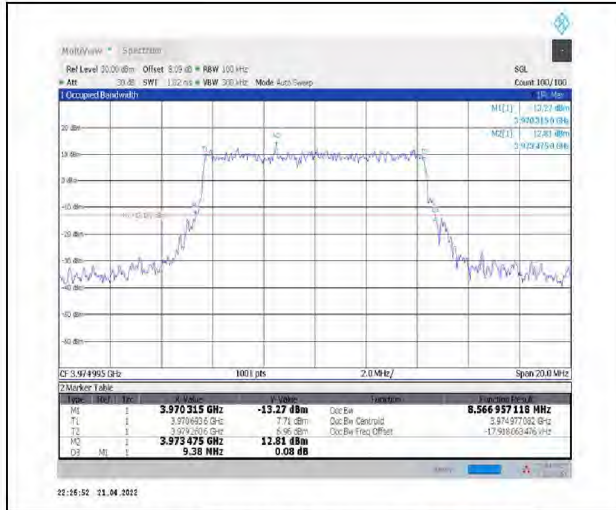


1-N77-3700-3980--30-10-H-2-DFT-PI2BPSK-Outer\_Full-24@0-Ant1-8.56-9.420-≤10-PASS

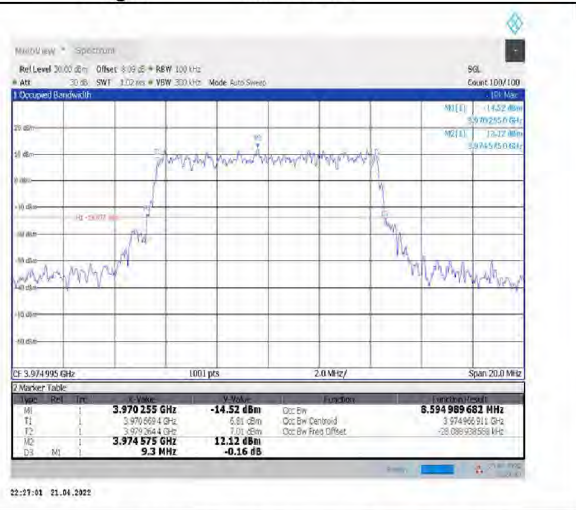


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

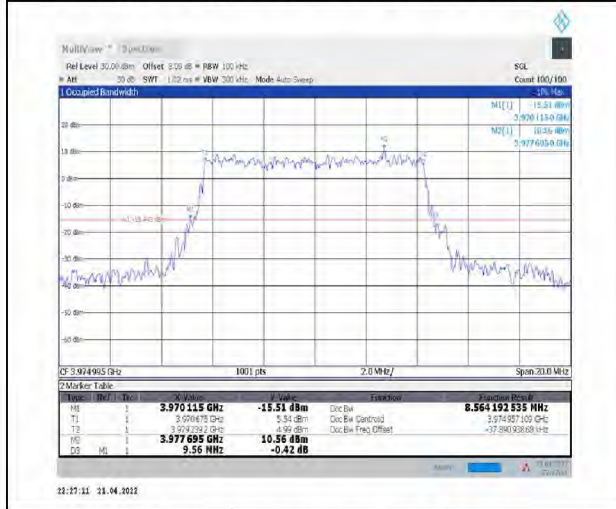
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Despatch@sgs.com](mailto:CN.Despatch@sgs.com)  
 South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62982980 www.sgs.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8号厂房南楼 邮编：215000 t (86-512) 62982980 sgs.china@sgs.com



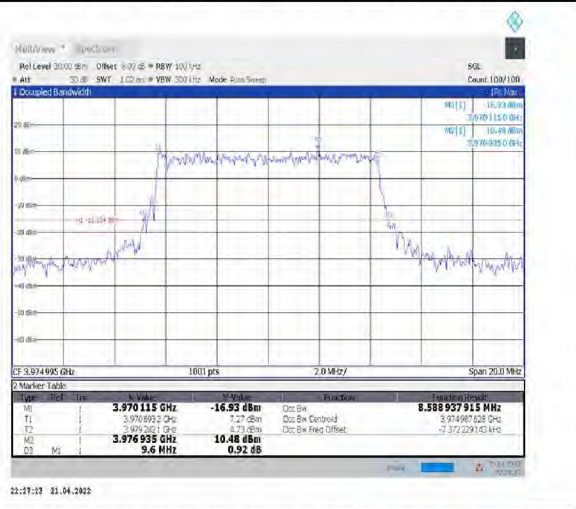
1-N77-3700-3980--30-10-H-3-DFT-16QAM-Outer\_Full-24@0-Ant1-8.567-9.380-<10-PASS



1-N77-3700-3980--30-10-H-4-DFT-64QAM-Outer\_Full-24@0-Ant1-8.595-9.300-<10-PASS



1-N77-3700-3980--30-10-H-5-DFT-256QAM-Outer\_Full-24@0-Ant1-8.564-9.560-<10-PASS



1-N77-3700-3980--30-10-H-6-CP-QPSK-Outer\_Full-24@0-Ant1-8.589-9.600-<10-PASS

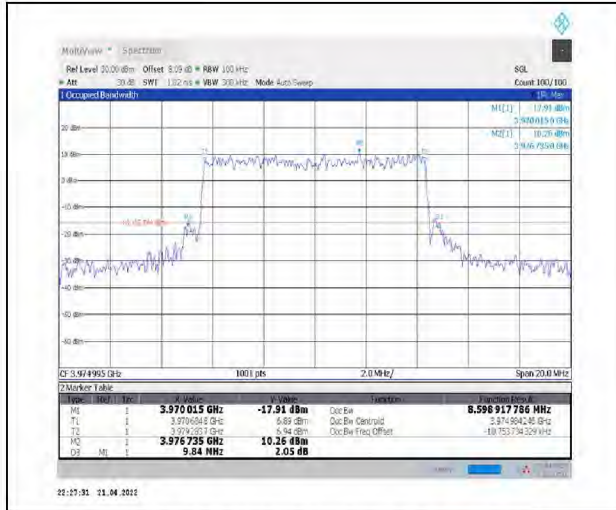


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

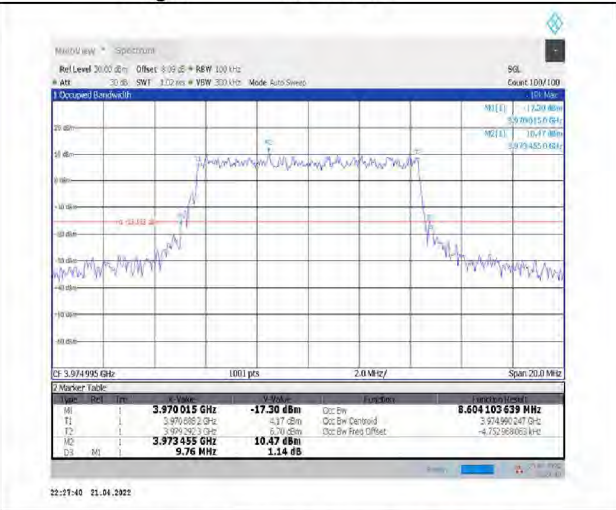
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CS.Despatch@sgs.com](mailto:CS.Despatch@sgs.com)

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 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生路1号的8号厂房南楼 邮编: 215000

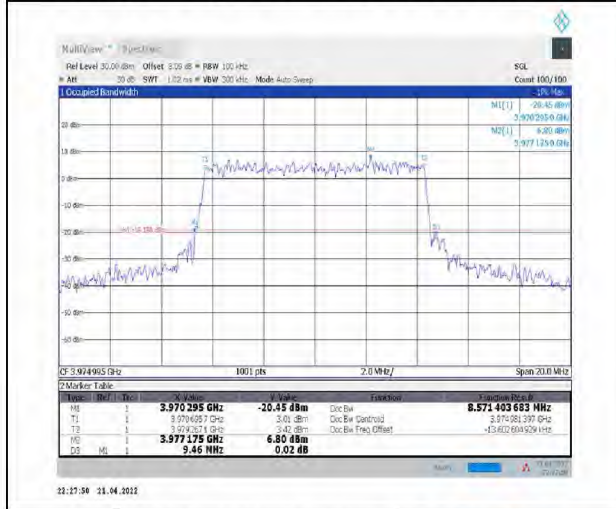
t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



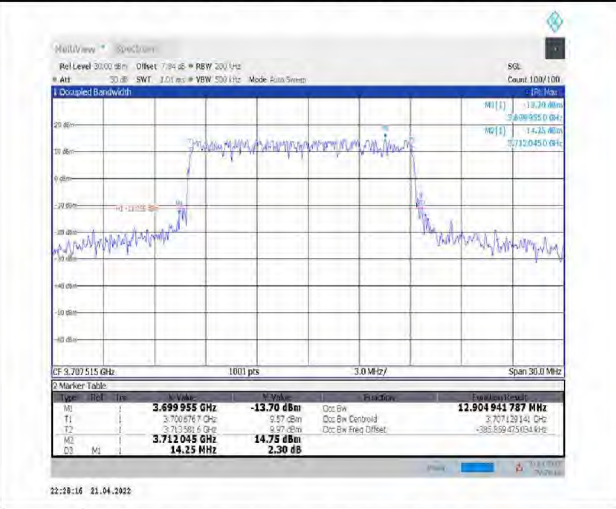
1-N77-3700-3980--30-10-H-7-CP-16QAM-Outer\_Full-24@0-Ant1-8.599-9.840-≤10-PASS



1-N77-3700-3980--30-10-H-8-CP-64QAM-Outer\_Full-24@0-Ant1-8.604-9.760-≤10-PASS



1-N77-3700-3980--30-10-H-9-CP-256QAM-Outer\_Full-24@0-Ant1-8.571-9.460-≤10-PASS



1-N77-3700-3980--30-15-L-1-DFT-QPSK-Outer\_Full-36@0-Ant1-12.905-14.250-≤15-PASS



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

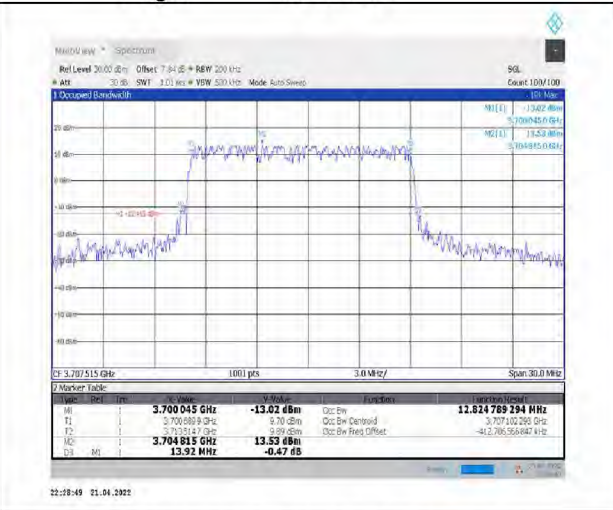
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Despatch@sgs.com](mailto:CN.Despatch@sgs.com)

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 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8号厂房南楼 邮编：215000

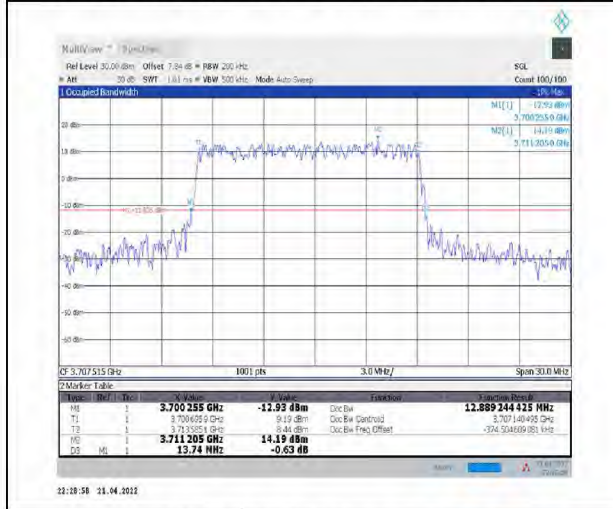
t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



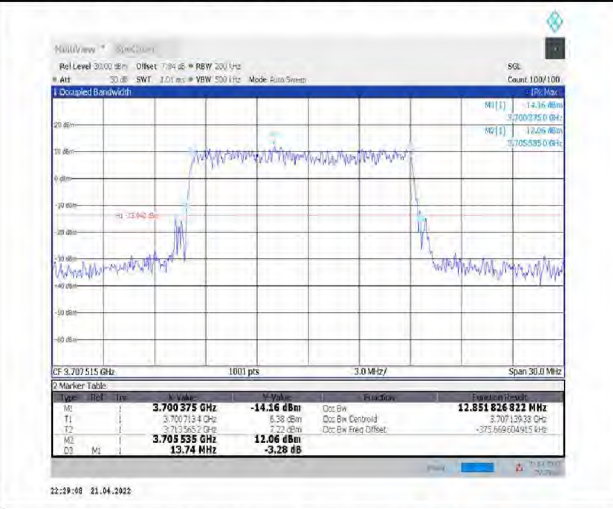
1-N77-3700-3980--30-15-L-2-DFT-PI2BPSK-Outer\_Full-36@0-Ant1-12.865-14.250-<=15-PASS



1-N77-3700-3980--30-15-L-3-DFT-16QAM-Outer\_Full-36@0-Ant1-12.825-13.920-<=15-PASS



1-N77-3700-3980--30-15-L-4-DFT-64QAM-Outer\_Full-36@0-Ant1-12.889-13.740-<=15-PASS



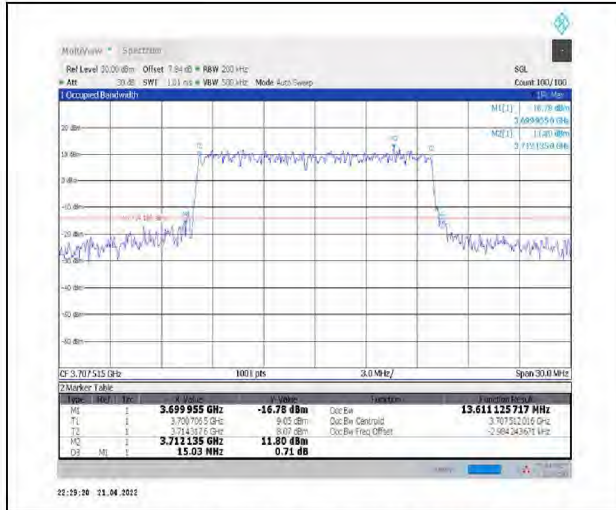
1-N77-3700-3980--30-15-L-5-DFT-256QAM-Outer\_Full-36@0-Ant1-12.852-13.740-<=15-PASS



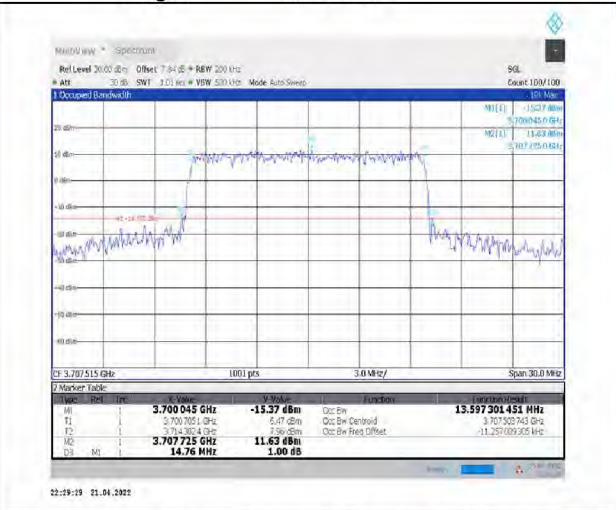
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

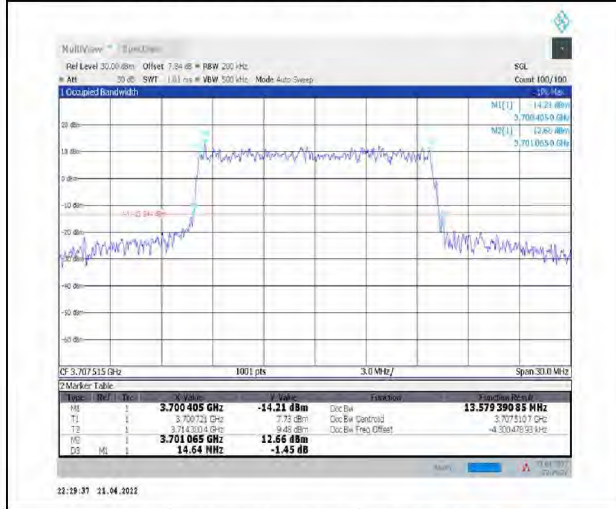
South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 t (86-512) 62982980 www.sgs.com.cn  
 中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润生路1号的8号厂房南楼 邮编：215000  
 t (86-512) 62982980 sgs.china@sgs.com



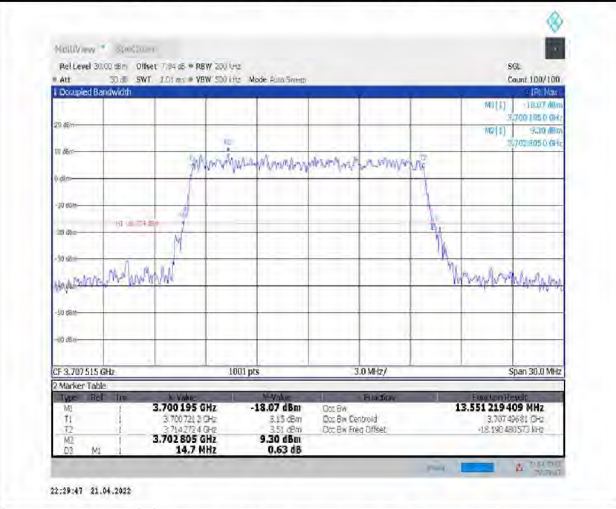
1-N77-3700-3980--30-15-L-6-CP-QPSK-Outer\_Full-38@0-Ant1-13.611-15.030-<15-PASS



1-N77-3700-3980--30-15-L-7-CP-16QAM-Outer\_Full-38@0-Ant1-13.597-14.760-<15-PASS



1-N77-3700-3980--30-15-L-8-CP-64QAM-Outer\_Full-38@0-Ant1-13.579-14.640-<15-PASS



1-N77-3700-3980--30-15-L-9-CP-256QAM-Outer\_Full-38@0-Ant1-13.551-14.700-<15-PASS



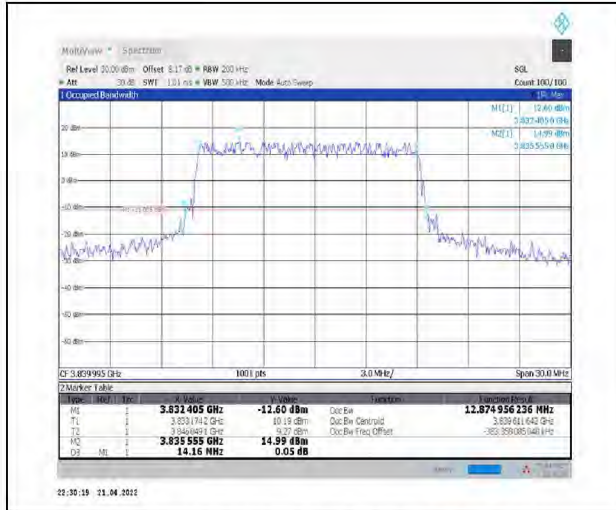
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

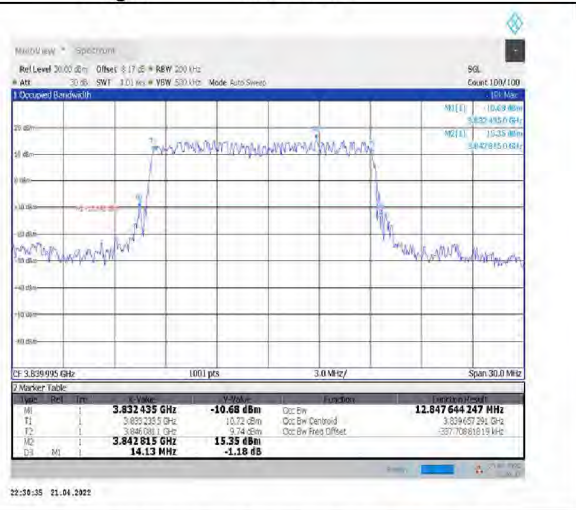
South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的8号厂房南楼 邮编：215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com

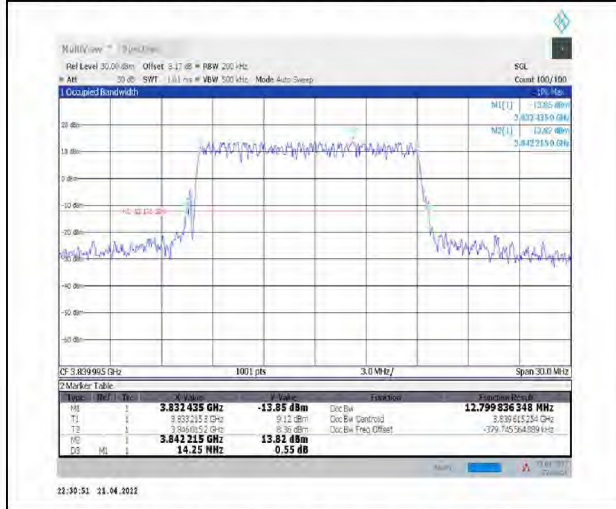




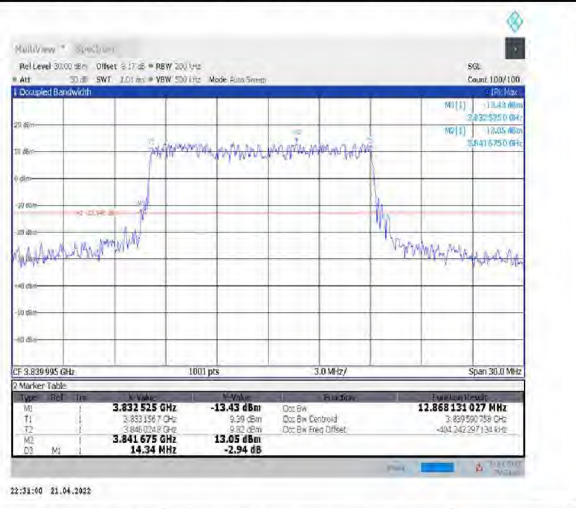
1-N77-3700-3980--30-15-M-1-DFT-QPSK-Outer\_Full-36@0-Ant1-12.875-14.160-<=15-PASS



1-N77-3700-3980--30-15-M-2-DFT-PI2BPSK-Outer\_Full-36@0-Ant1-12.848-14.130-<=15-PASS



1-N77-3700-3980--30-15-M-3-DFT-16QAM-Outer\_Full-36@0-Ant1-12.8-14.250-<=15-PASS



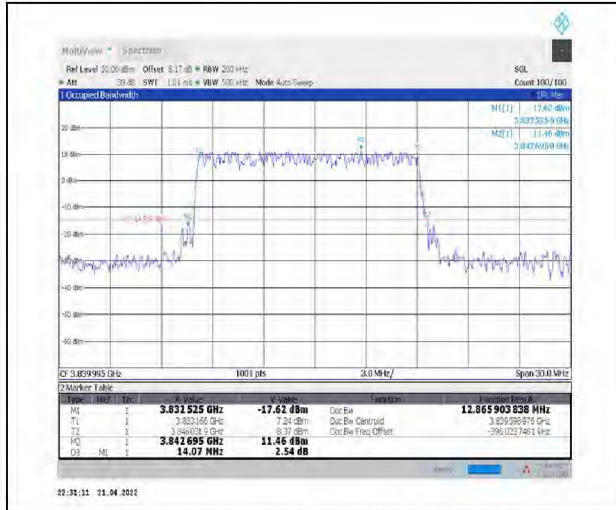
1-N77-3700-3980--30-15-M-4-DFT-64QAM-Outer\_Full-36@0-Ant1-12.868-14.340-<=15-PASS



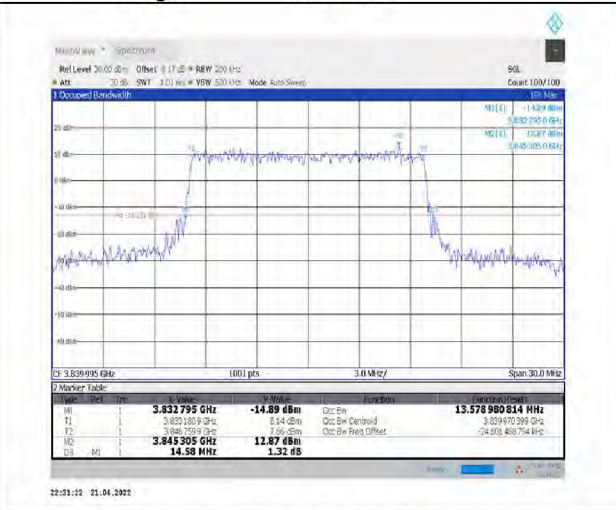
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CS.Despatch@sgs.com](mailto:CS.Despatch@sgs.com)

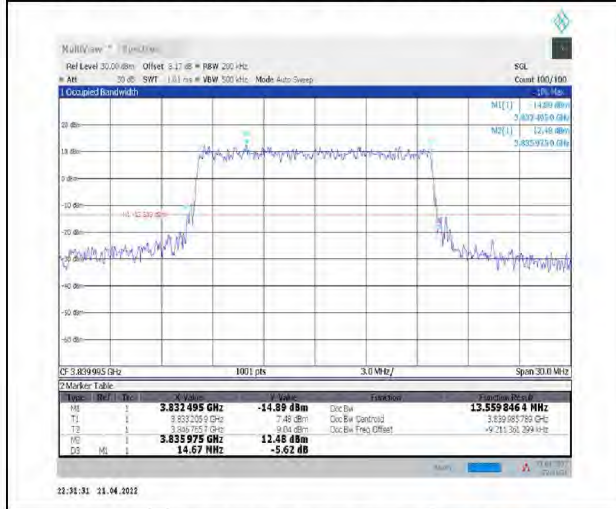
South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的8号厂房南楼 邮编：215000  
 t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



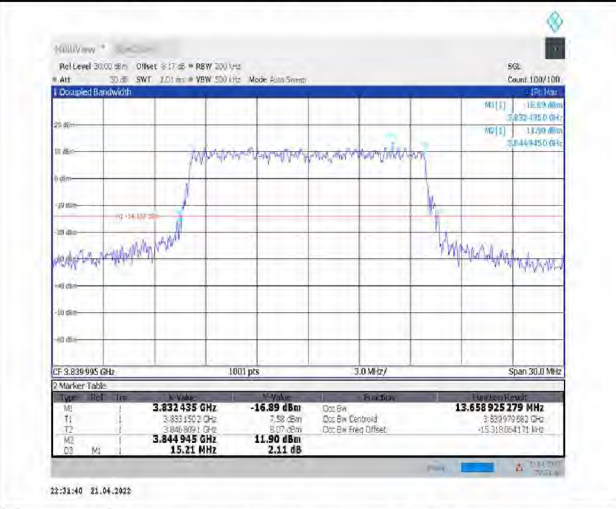
1-N77-3700-3980--30-15-M-5-DFT-256QAM-Outer\_Full-36@0-Ant1-12.866-14.070-<=15-PASS



1-N77-3700-3980--30-15-M-6-CP-QPSK-Outer\_Full-38@0-Ant1-13.579-14.580-<=15-PASS



1-N77-3700-3980--30-15-M-7-CP-16QAM-Outer\_Full-38@0-Ant1-13.56-14.670-<=15-PASS



1-N77-3700-3980--30-15-M-8-CP-64QAM-Outer\_Full-38@0-Ant1-13.659-15.210-<=15-PASS

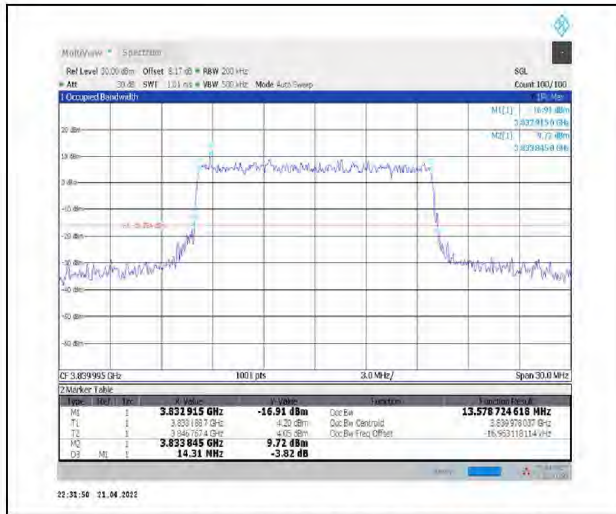


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

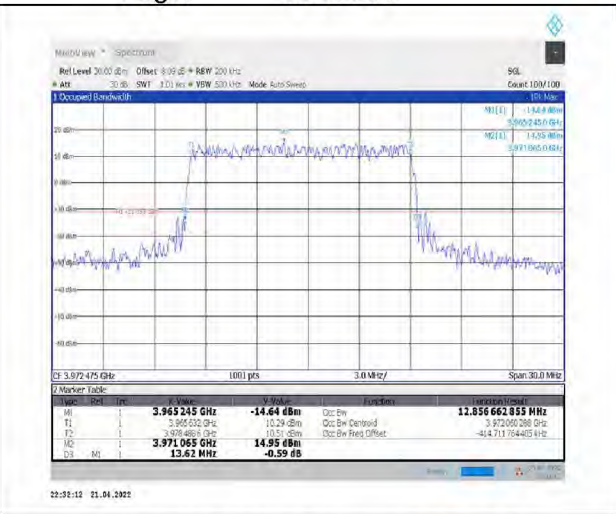
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CN.Despatch@sgs.com](mailto:CN.Despatch@sgs.com)

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 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生路1号的8号厂房南楼 邮编：215000

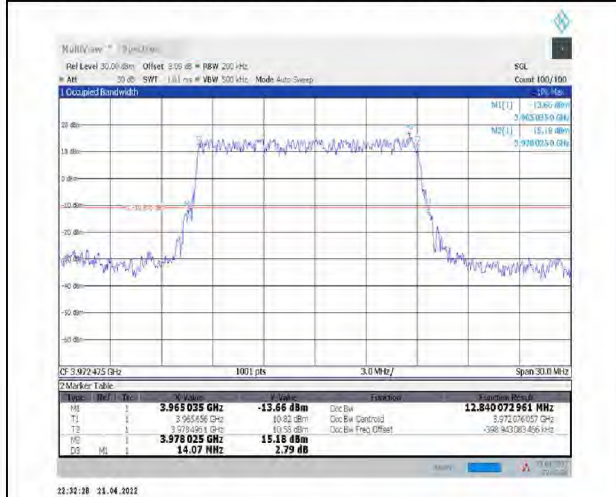
t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



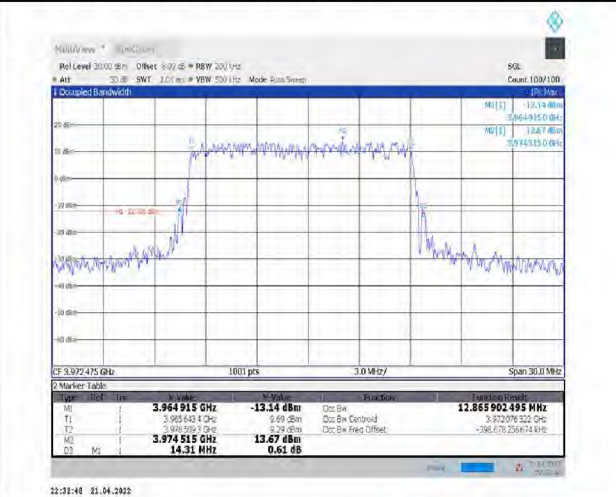
1-N77-3700-3980--30-15-M-9-CP-256QAM-Outer\_Full-38@0-Ant1-13.579-14.310-<=15-PASS



1-N77-3700-3980--30-15-H-1-DFT-QPSK-Outer\_Full-36@0-Ant1-12.857-13.620-<=15-PASS



1-N77-3700-3980--30-15-H-2-DFT-PI2BPSK-Outer\_Full-36@0-Ant1-12.84-14.070-<=15-PASS



1-N77-3700-3980--30-15-H-3-DFT-16QAM-Outer\_Full-36@0-Ant1-12.866-14.310-<=15-PASS

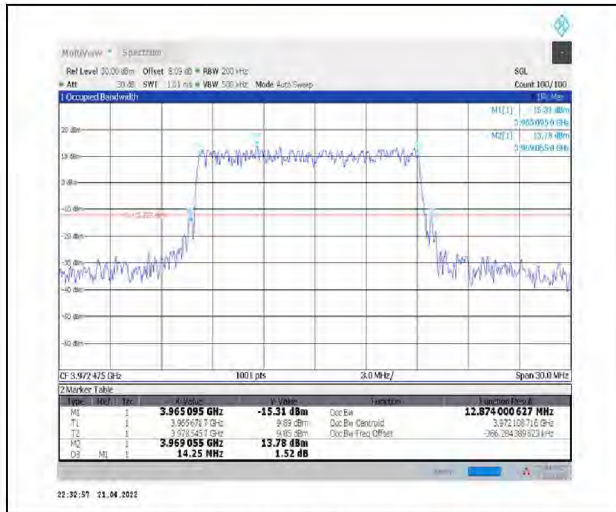


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

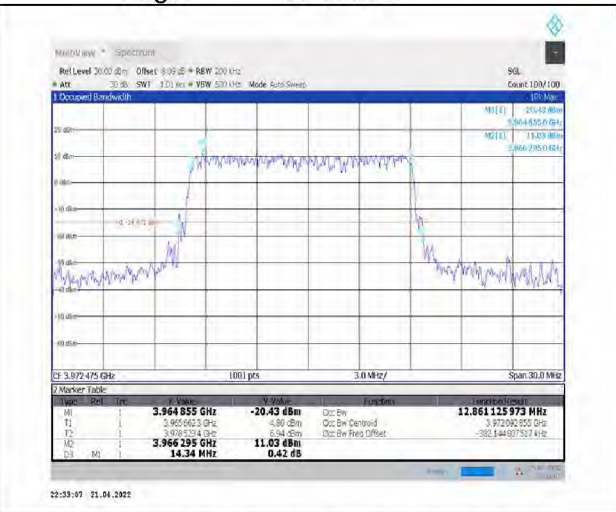
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CN.Despatch@sgs.com](mailto:CN.Despatch@sgs.com)

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 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生路1号的8号厂房南楼 邮编：215000

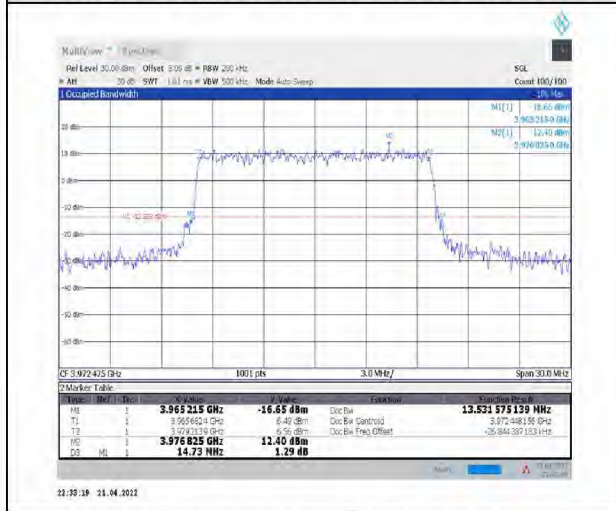
t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



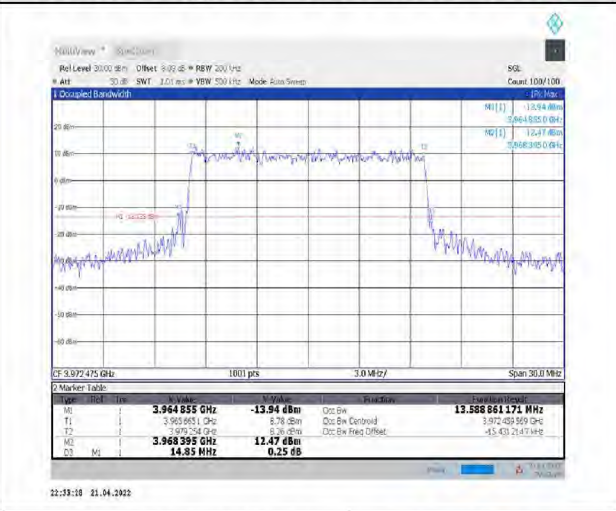
1-N77-3700-3980--30-15-H-4-DFT-64QAM-Outer\_Full-36@0-Ant1-12.874-14.250-<15-PASS



1-N77-3700-3980--30-15-H-5-DFT-256QAM-Outer\_Full-36@0-Ant1-12.861-14.340-<15-PASS



1-N77-3700-3980--30-15-H-6-CP-QPSK-Outer\_Full-38@0-Ant1-13.532-14.730-<15-PASS



1-N77-3700-3980--30-15-H-7-CP-16QAM-Outer\_Full-38@0-Ant1-13.589-14.850-<15-PASS

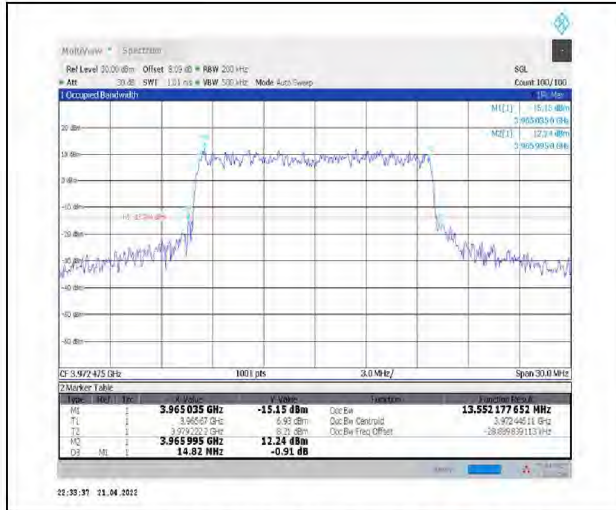


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CN.Despatch@sgs.com](mailto:CN.Despatch@sgs.com)

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 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生路1号的8号厂房南楼 邮编：215000

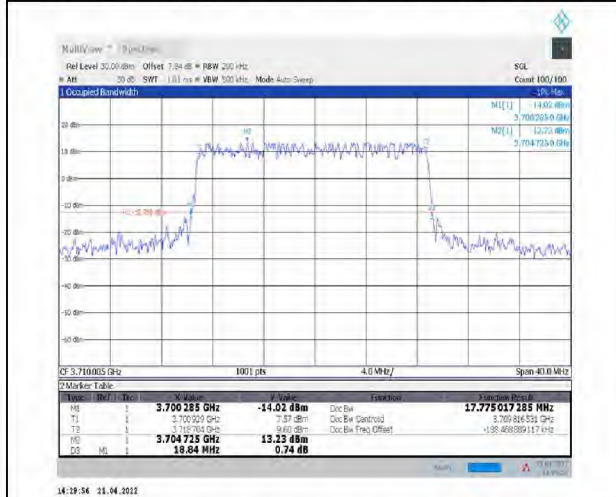
t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



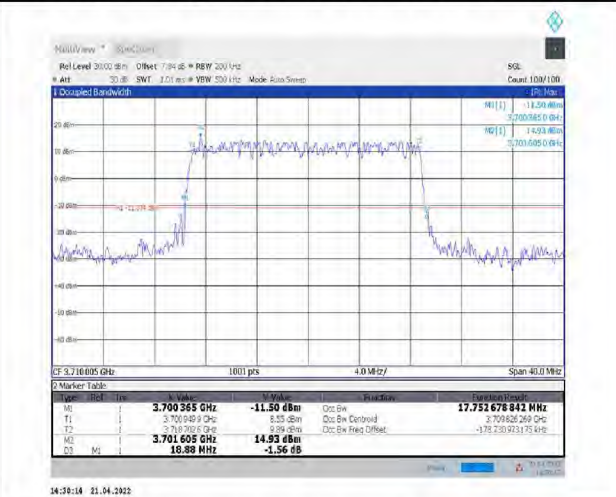
1-N77-3700-3980--30-15-H-8-CP-64QAM-Outer\_Full-38@0-Ant1-13.552-14.820-<=15-PASS



1-N77-3700-3980--30-15-H-9-CP-256QAM-Outer\_Full-38@0-Ant1-13.605-15.090-<=15-PASS



1-N77-3700-3980--30-20-L-1-DFT-QPSK-Outer\_Full-50@0-Ant1-17.775-18.840-<=20-PASS

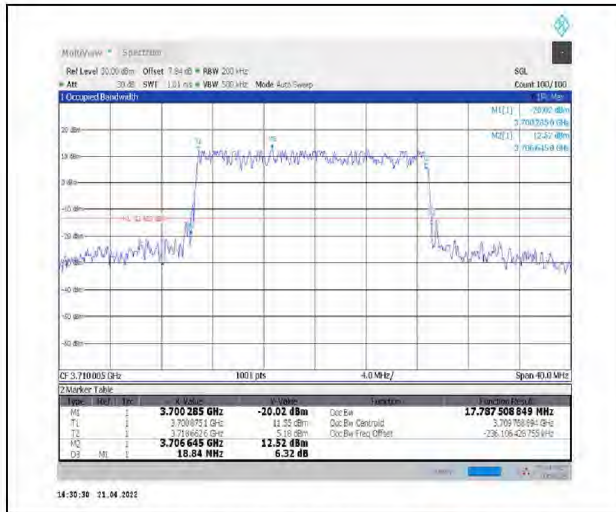


1-N77-3700-3980--30-20-L-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-17.753-18.880-<=20-PASS

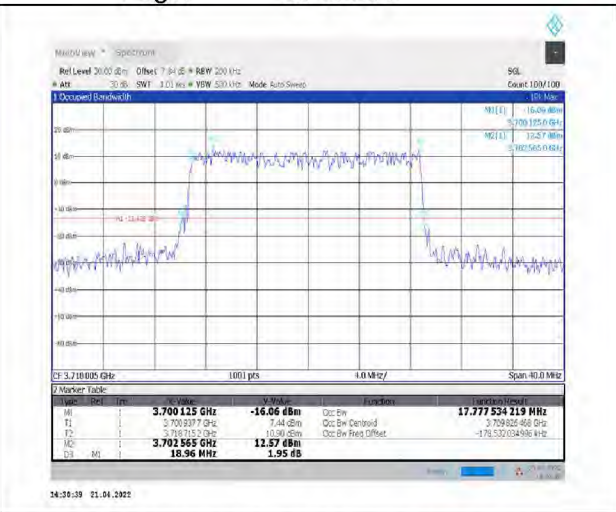


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

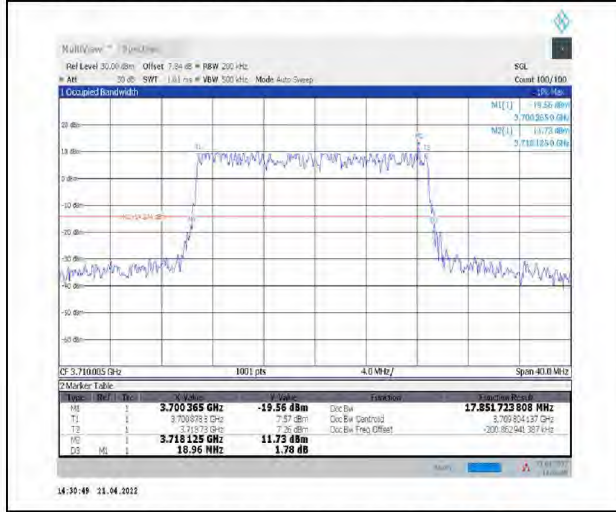
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CS.Despatch@sgs.com](mailto:CS.Despatch@sgs.com)  
 South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 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生路1号的8号厂房南楼 邮编: 215000  
 t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



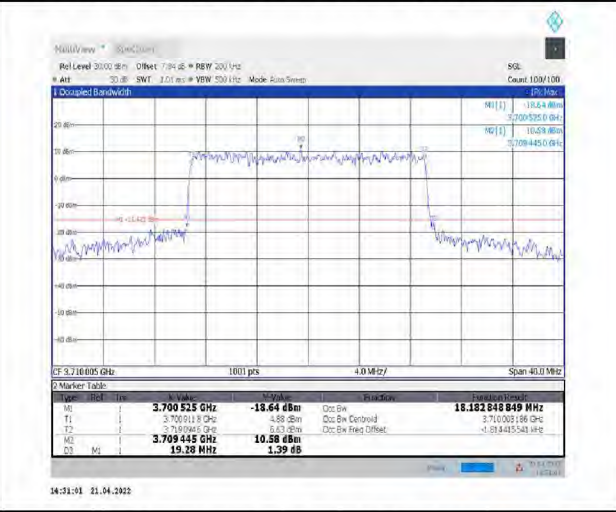
1-N77-3700-3980--30-20-L-3-DFT-16QAM-Outer\_Full-50@0-Ant1-17.788-18.840-<math>\leq 20</math>-PASS



1-N77-3700-3980--30-20-L-4-DFT-64QAM-Outer\_Full-50@0-Ant1-17.778-18.960-<math>\leq 20</math>-PASS



1-N77-3700-3980--30-20-L-5-DFT-256QAM-Outer\_Full-50@0-Ant1-17.852-18.960-<math>\leq 20</math>-PASS



1-N77-3700-3980--30-20-L-6-CP-QPSK-Outer\_Full-51@0-Ant1-18.183-19.280-<math>\leq 20</math>-PASS

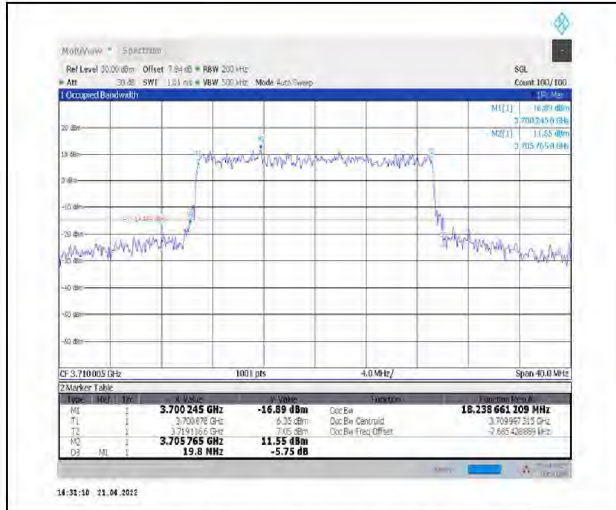


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

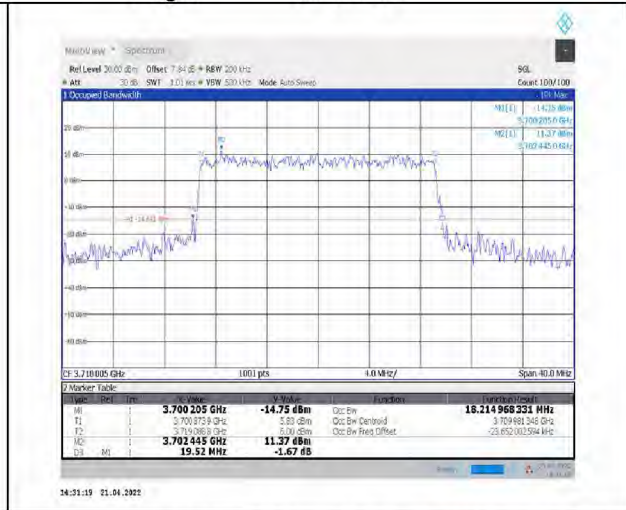
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CS.Despatch@sgs.com](mailto:CS.Despatch@sgs.com)

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 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生路1号的8号厂房南楼 邮编：215000

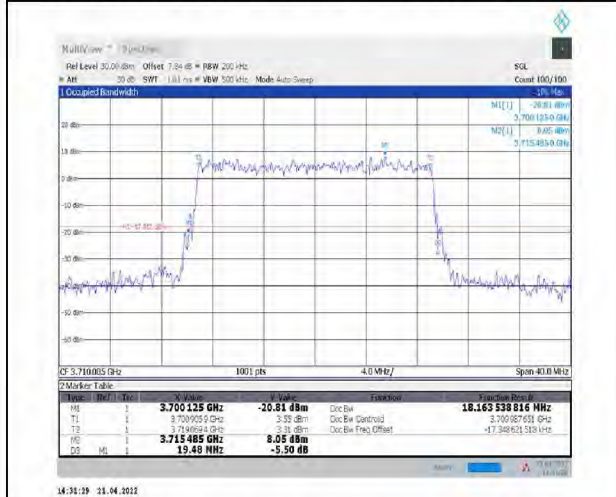
t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



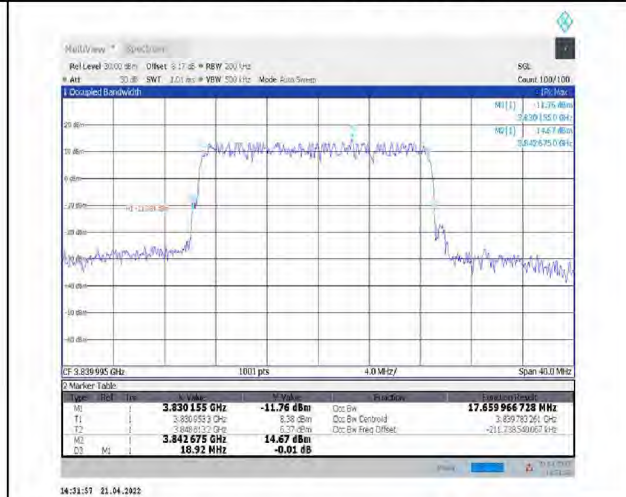
1-N77-3700-3980--30-20-L-7-CP-16QAM-Outer\_Full-51@0-Ant1-18.239-19.800-<20-PASS



1-N77-3700-3980--30-20-L-8-CP-64QAM-Outer\_Full-51@0-Ant1-18.215-19.520-<20-PASS



1-N77-3700-3980--30-20-L-9-CP-256QAM-Outer\_Full-51@0-Ant1-18.164-19.480-<20-PASS



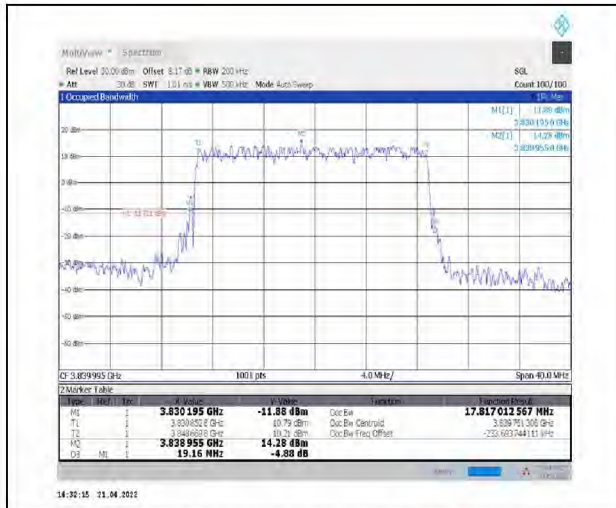
1-N77-3700-3980--30-20-M-1-DFT-QPSK-Outer\_Full-50@0-Ant1-17.66-18.920-<20-PASS



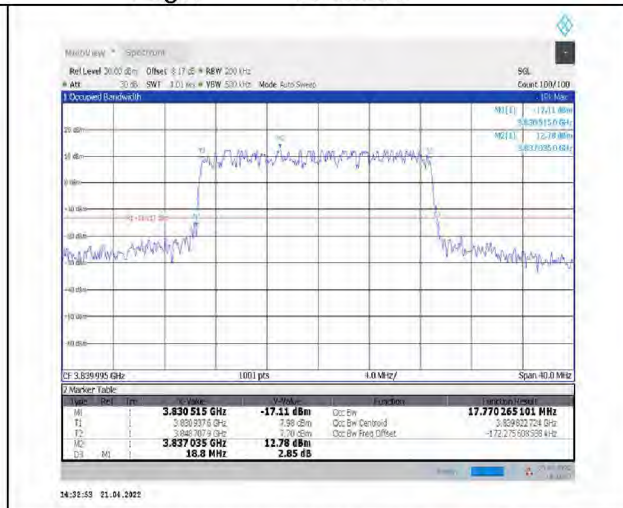
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

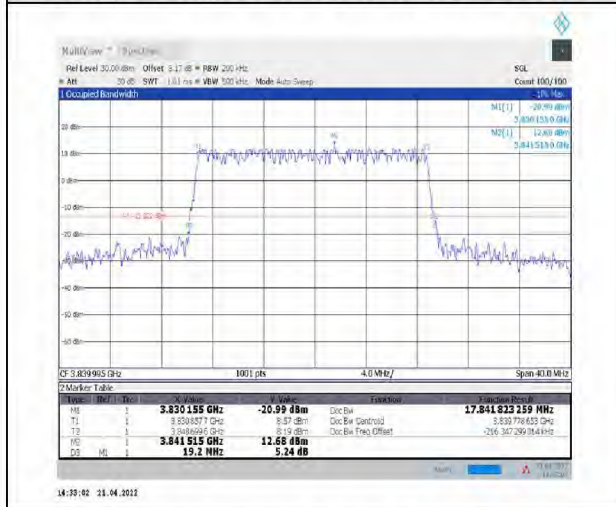
South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 t (86-512) 62982980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润生路1号的8号厂房南楼 邮编: 215000  
 t (86-512) 62982980 sgs.china@sgs.com



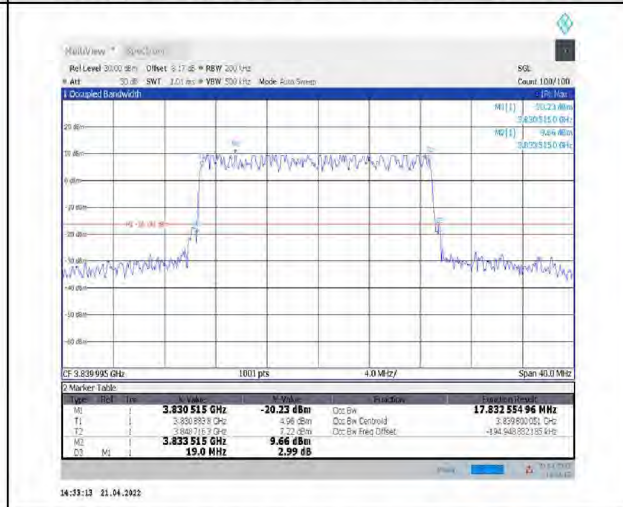
1-N77-3700-3980--30-20-M-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-17.817-19.160-<20-PASS



1-N77-3700-3980--30-20-M-3-DFT-16QAM-Outer\_Full-50@0-Ant1-17.77-18.800-<20-PASS



1-N77-3700-3980--30-20-M-4-DFT-64QAM-Outer\_Full-50@0-Ant1-17.842-19.200-<20-PASS



1-N77-3700-3980--30-20-M-5-DFT-256QAM-Outer\_Full-50@0-Ant1-17.833-19.000-<20-PASS

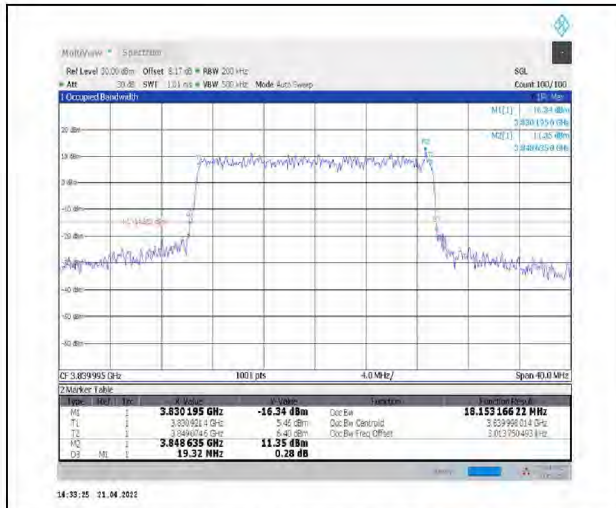


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

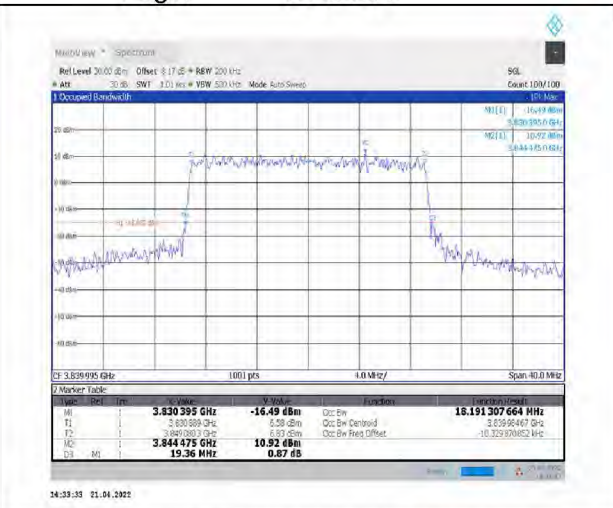
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CS.Despatch@sgs.com](mailto:CS.Despatch@sgs.com)

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62982980 www.sgs.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8号厂房南楼 邮编: 215000 t (86-512) 62982980 sgs.china@sgs.com

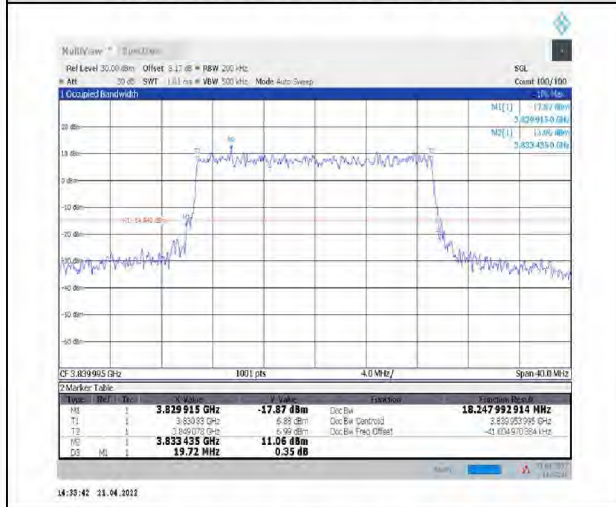




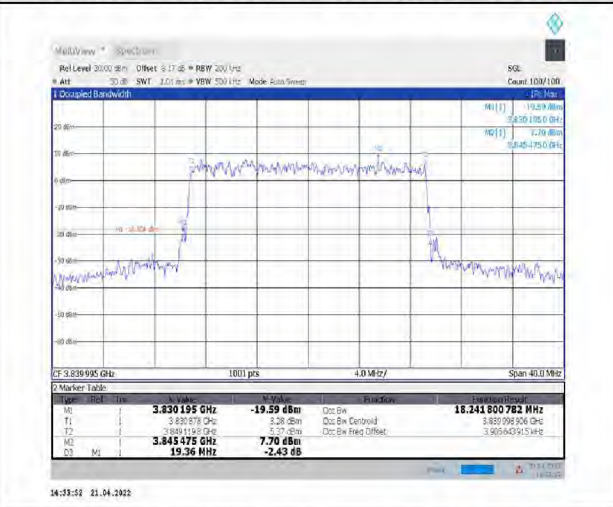
1-N77-3700-3980--30-20-M-6-CP-QPSK-Outer\_Full-51@0-Ant1-18.153-19.320-<20-PASS



1-N77-3700-3980--30-20-M-7-CP-16QAM-Outer\_Full-51@0-Ant1-18.191-19.360-<20-PASS



1-N77-3700-3980--30-20-M-8-CP-64QAM-Outer\_Full-51@0-Ant1-18.248-19.720-<20-PASS



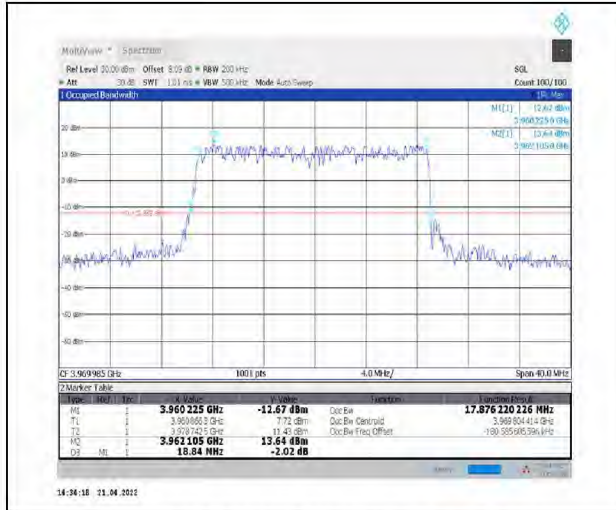
1-N77-3700-3980--30-20-M-9-CP-256QAM-Outer\_Full-51@0-Ant1-18.242-19.360-<20-PASS



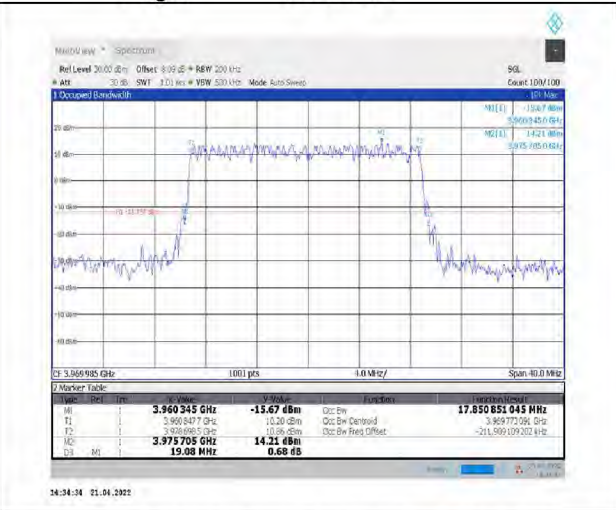
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CN.Despatch@sgs.com](mailto:CN.Despatch@sgs.com)

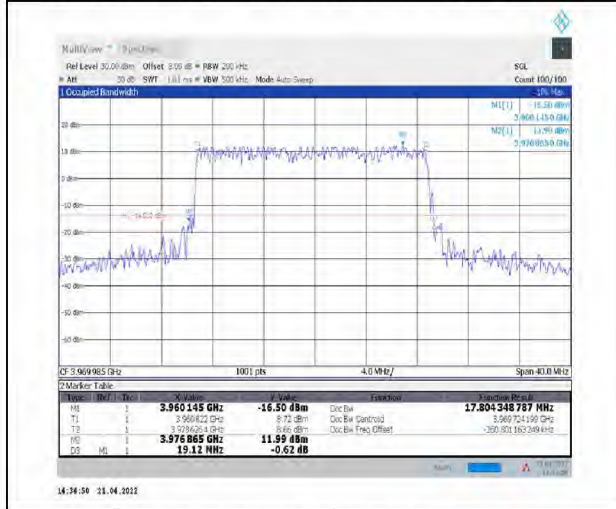
South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 t (86-512) 62982980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润生路1号的8号厂房南楼 邮编: 215000  
 t (86-512) 62982980 sgs.china@sgs.com



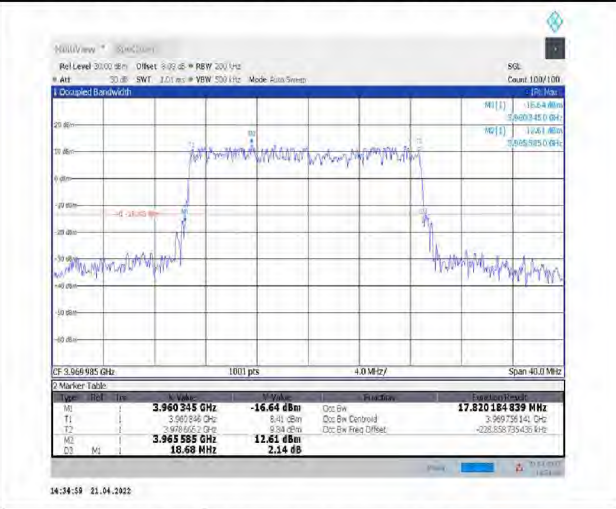
1-N77-3700-3980--30-20-H-1-DFT-QPSK-Outer\_Full-50@0-Ant1-17.876-18.840-<20-PASS



1-N77-3700-3980--30-20-H-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-17.851-19.080-<20-PASS



1-N77-3700-3980--30-20-H-3-DFT-16QAM-Outer\_Full-50@0-Ant1-17.804-19.120-<20-PASS



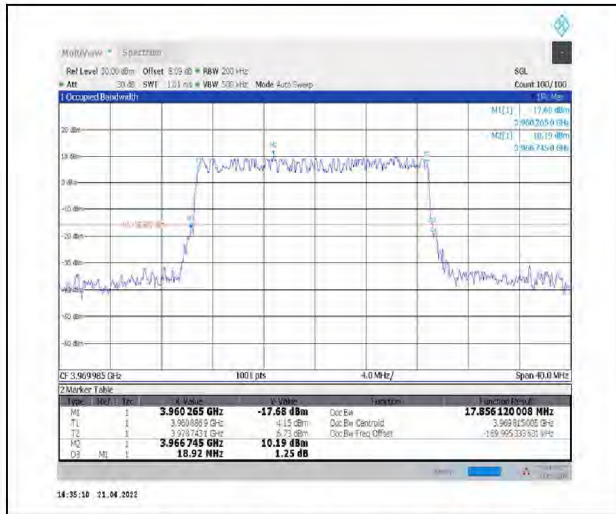
1-N77-3700-3980--30-20-H-4-DFT-64QAM-Outer\_Full-50@0-Ant1-17.821-18.680-<20-PASS



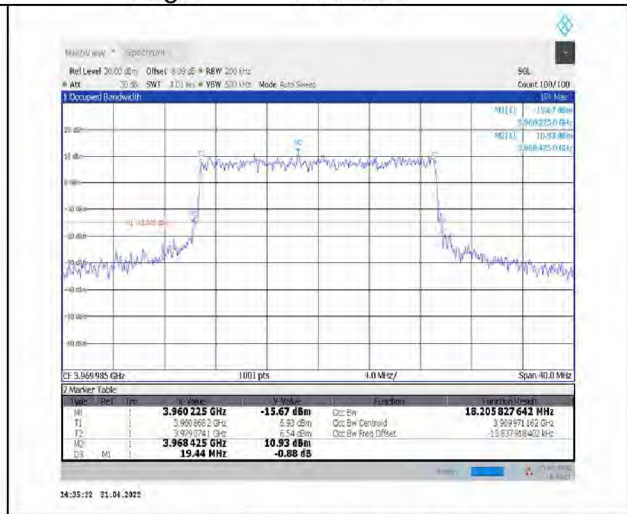
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CS.Despatch@sgs.com](mailto:CS.Despatch@sgs.com)

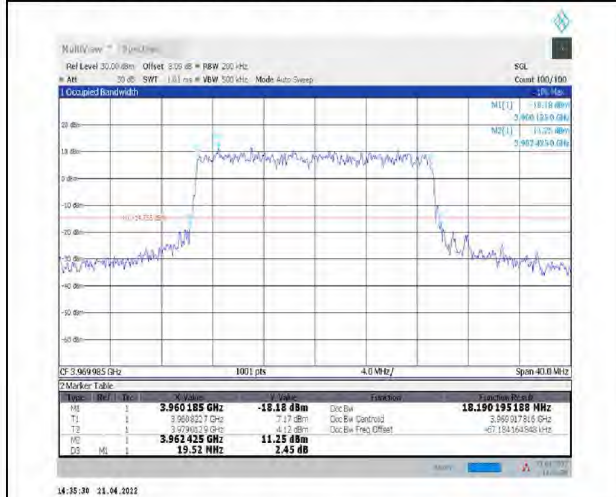
South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的8号厂房南楼 邮编：215000  
 t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



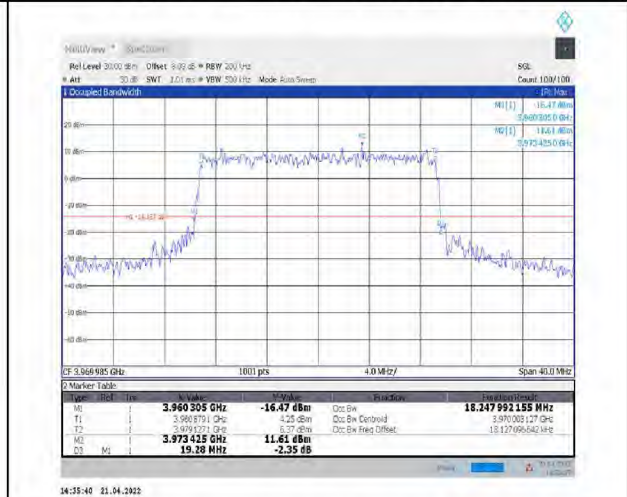
1-N77-3700-3980--30-20-H-5-DFT-256QAM-Outer\_Full-50@0-Ant1-17.856-18.920-<20-PASS



1-N77-3700-3980--30-20-H-6-CP-QPSK-Outer\_Full-51@0-Ant1-18.206-19.440-<20-PASS



1-N77-3700-3980--30-20-H-7-CP-16QAM-Outer\_Full-51@0-Ant1-18.19-19.520-<20-PASS



1-N77-3700-3980--30-20-H-8-CP-64QAM-Outer\_Full-51@0-Ant1-18.248-19.280-<20-PASS

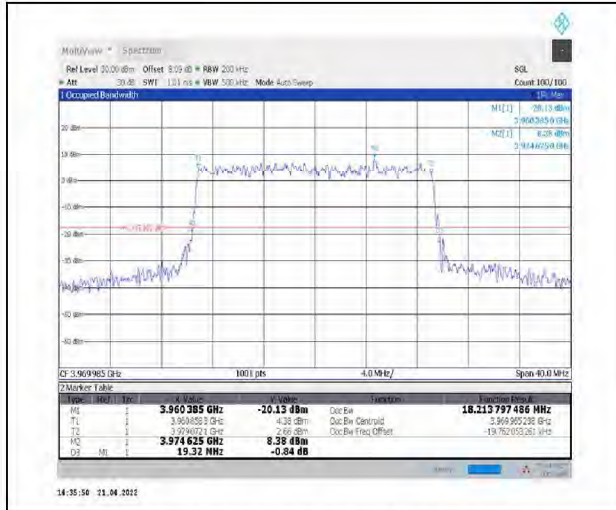


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CS.Despatch@sgs.com](mailto:CS.Despatch@sgs.com)

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 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生路1号的8号厂房南楼 邮编: 215000

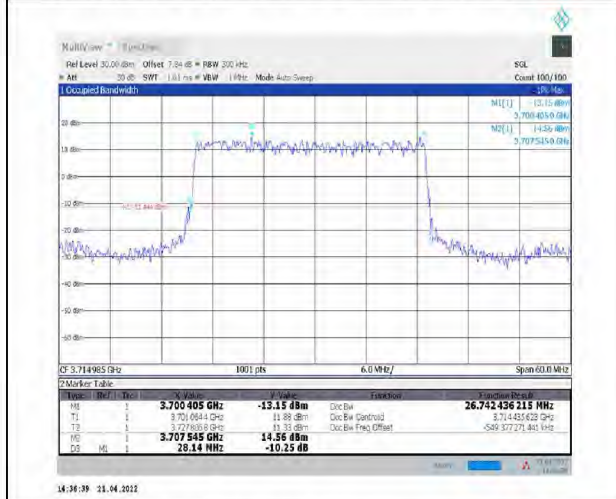
t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



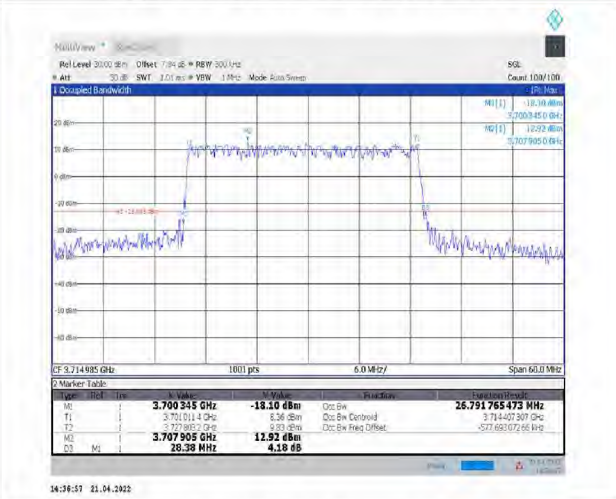
1-N77-3700-3980--30-20-H-9-CP-256QAM-Outer\_Full-51@0-Ant1-18,214-19,320-<math>\leq 20</math>-PASS



1-N77-3700-3980--30-30-L-1-DFT-QPSK-Outer\_Full-75@0-Ant1-26,886-28,380-<math>\leq 30</math>-PASS



1-N77-3700-3980--30-30-L-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-26,744-28,140-<math>\leq 30</math>-PASS



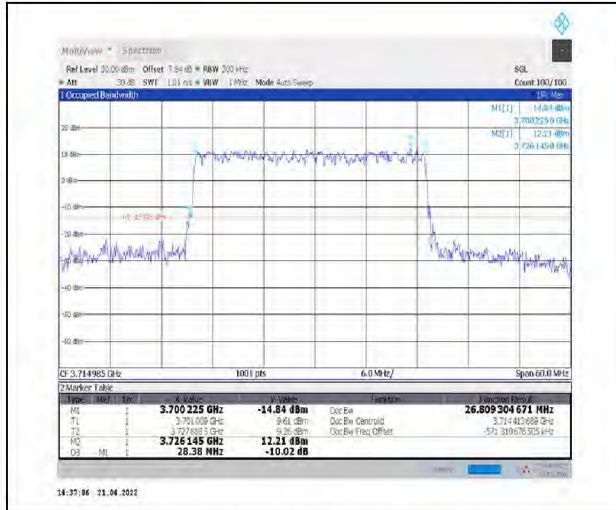
1-N77-3700-3980--30-30-L-3-DFT-16QAM-Outer\_Full-75@0-Ant1-26,795-28,380-<math>\leq 30</math>-PASS



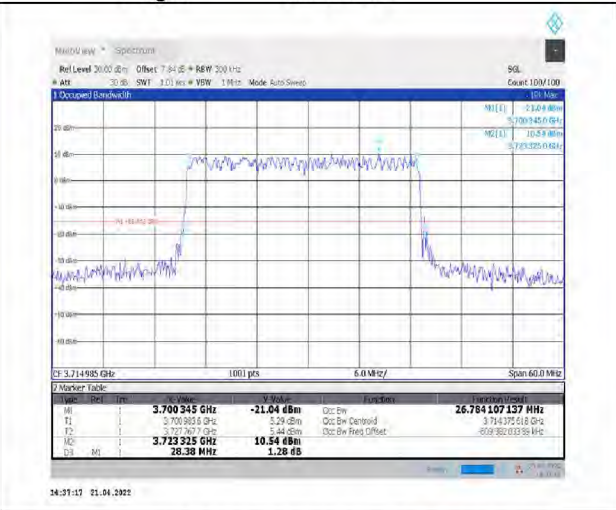
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

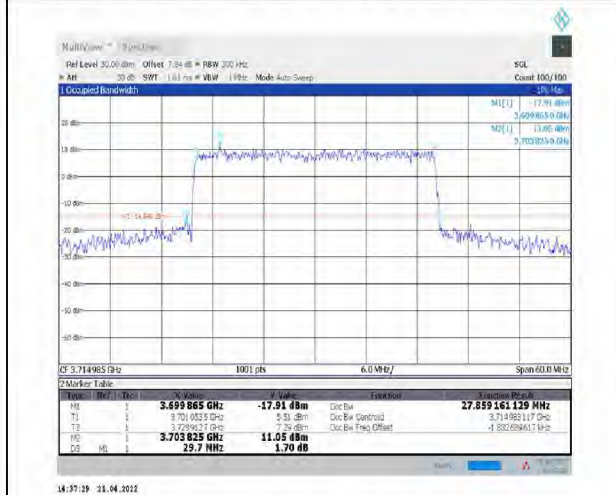
South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 t (86-512) 62982980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润生路1号的8号厂房南楼 邮编: 215000  
 t (86-512) 62982980 sgs.china@sgs.com



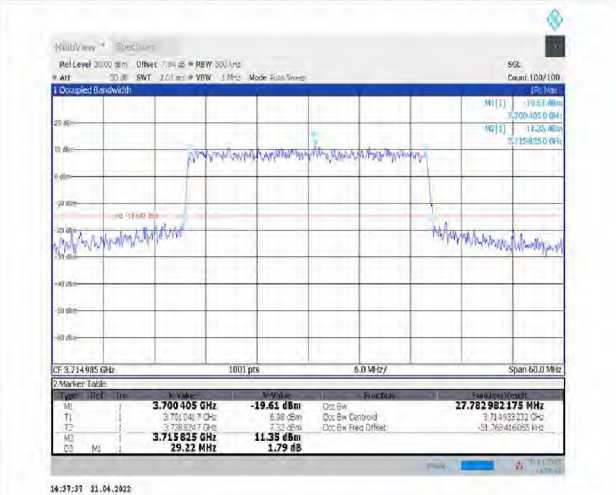
1-N77-3700-3980--30-30-L-4-DFT-64QAM-Outer\_Full-75@0-Ant1-26.809-28.380-<30-PASS



1-N77-3700-3980--30-30-L-5-DFT-256QAM-Outer\_Full-75@0-Ant1-26.784-28.380-<30-PASS



1-N77-3700-3980--30-30-L-6-CP-QPSK-Outer\_Full-78@0-Ant1-27.859-29.700-<30-PASS



1-N77-3700-3980--30-30-L-7-CP-16QAM-Outer\_Full-78@0-Ant1-27.782-29.220-<30-PASS

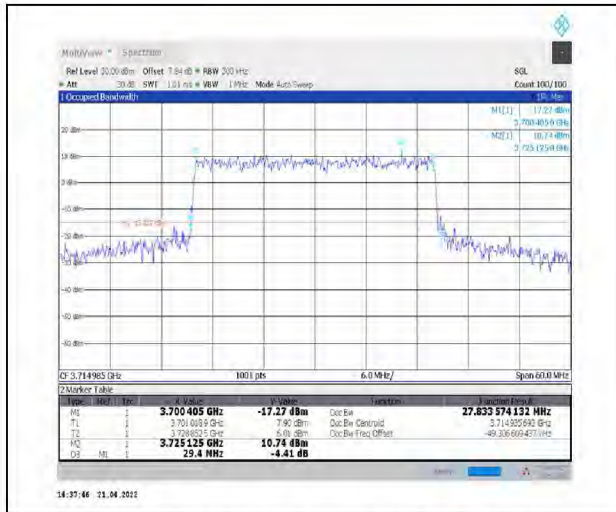


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

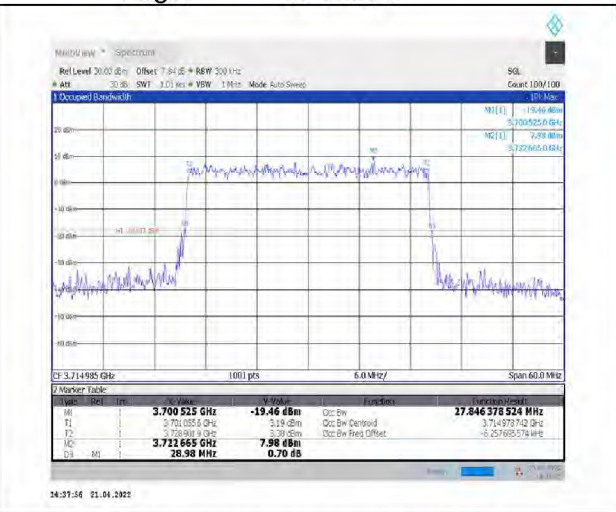
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CS.Despatch@sgs.com](mailto:CS.Despatch@sgs.com)

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 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生路1号的8号厂房南楼 邮编：215000

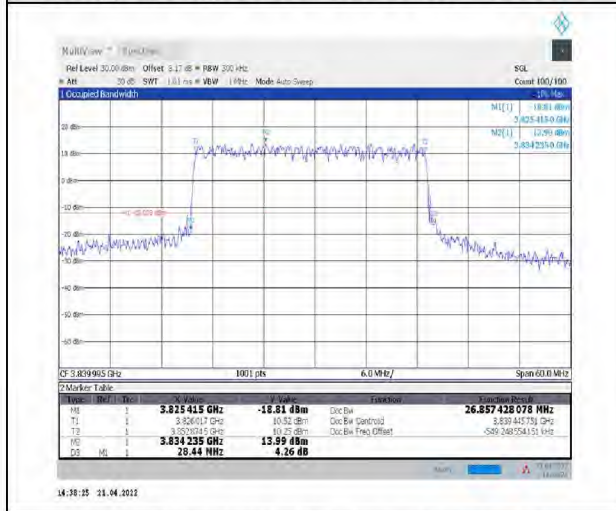
t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



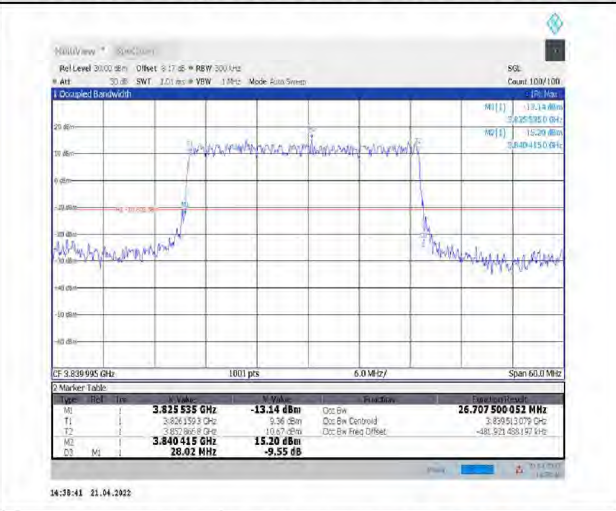
1-N77-3700-3980--30-30-L-8-CP-64QAM-Outer\_Full-78@0-Ant1-27.833-29.400-<30-PASS



1-N77-3700-3980--30-30-L-9-CP-256QAM-Outer\_Full-78@0-Ant1-27.852-28.980-<30-PASS



1-N77-3700-3980--30-30-M-1-DFT-QPSK-Outer\_Full-75@0-Ant1-26.857-28.440-<30-PASS



1-N77-3700-3980--30-30-M-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-26.71-28.020-<30-PASS

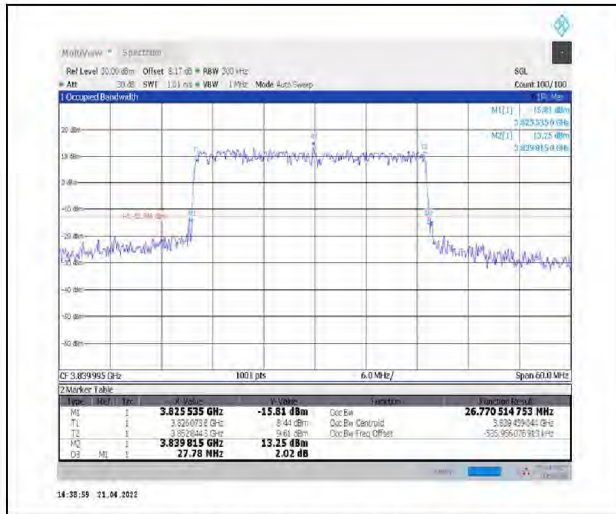


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

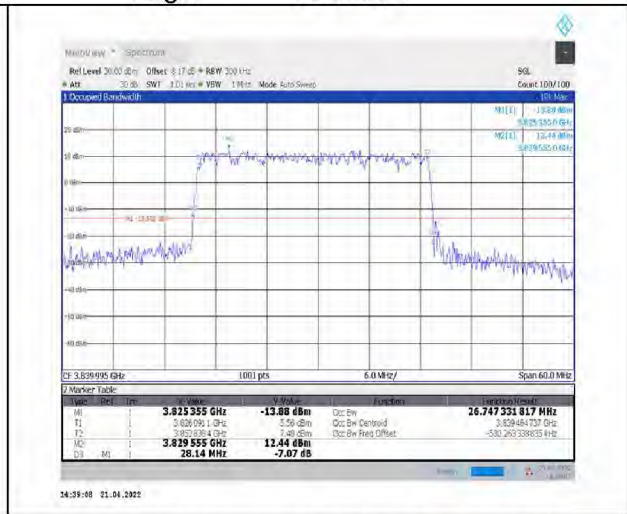
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CN.Despatch@sgs.com](mailto:CN.Despatch@sgs.com)

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 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8号厂房南楼 邮编：215000

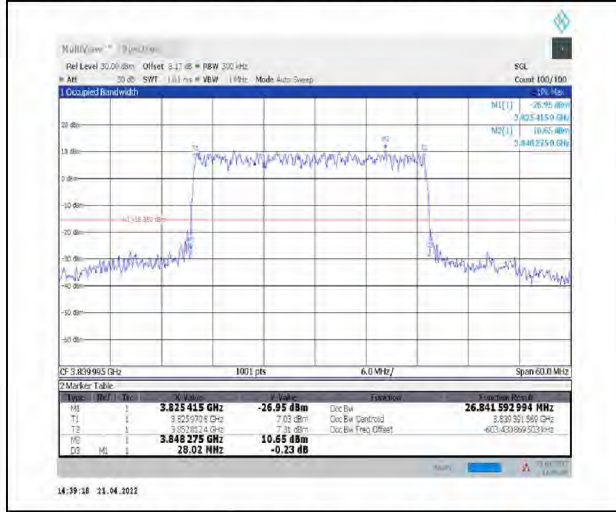
t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



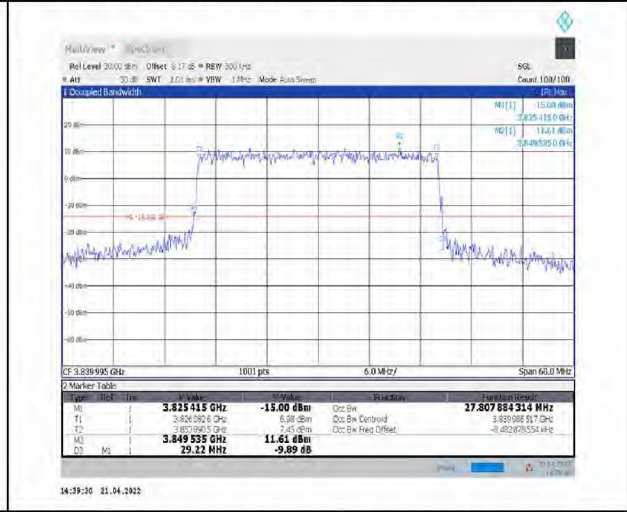
1-N77-3700-3980--30-30-M-3-DFT-16QAM-Outer\_Full-75@0-Ant1-26.77-27.780-<30-PASS



1-N77-3700-3980--30-30-M-4-DFT-64QAM-Outer\_Full-75@0-Ant1-26.747-28.140-<30-PASS



1-N77-3700-3980--30-30-M-5-DFT-256QAM-Outer\_Full-75@0-Ant1-26.842-28.020-<30-PASS



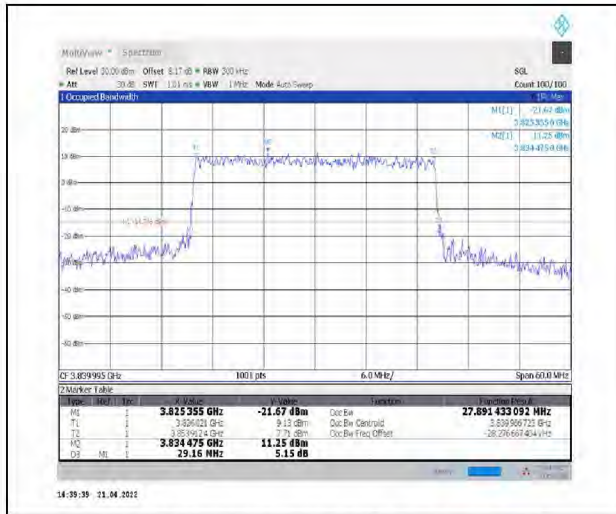
1-N77-3700-3980--30-30-M-6-CP-QPSK-Outer\_Full-78@0-Ant1-27.809-29.220-<30-PASS



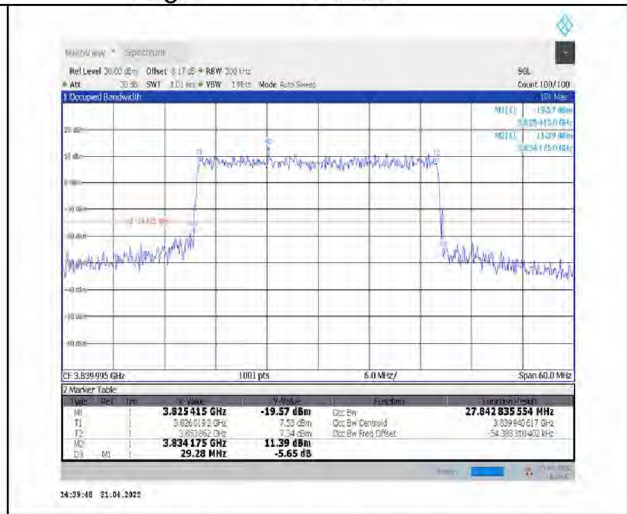
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

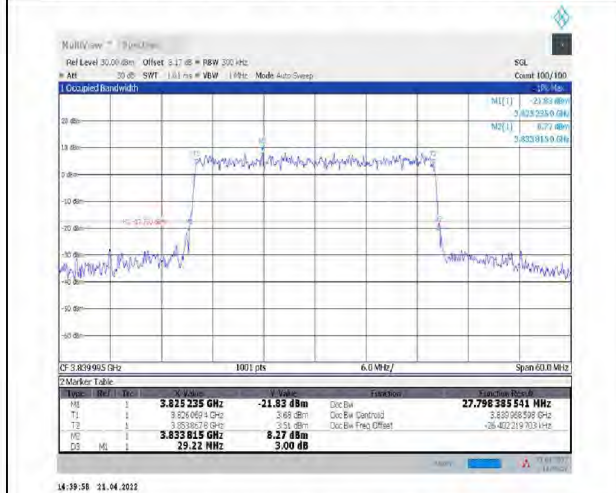
South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 t (86-512) 62982980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的8号厂房南楼 邮编: 215000  
 t (86-512) 62982980 sgs.china@sgs.com



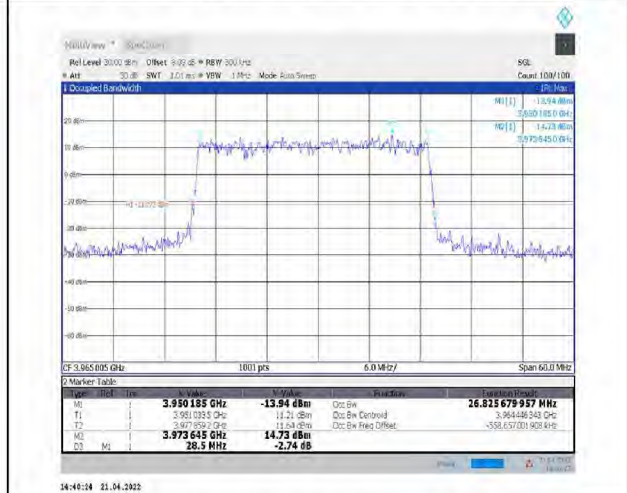
1-N77-3700-3980--30-30-M-7-CP-16QAM-Outer\_Full-78@0-Ant1-27.893-29.160-<30-PASS



1-N77-3700-3980--30-30-M-8-CP-64QAM-Outer\_Full-78@0-Ant1-27.843-29.280-<30-PASS



1-N77-3700-3980--30-30-M-9-CP-256QAM-Outer\_Full-78@0-Ant1-27.798-29.220-<30-PASS



1-N77-3700-3980--30-30-H-1-DFT-QPSK-Outer\_Full-75@0-Ant1-26.826-28.500-<30-PASS



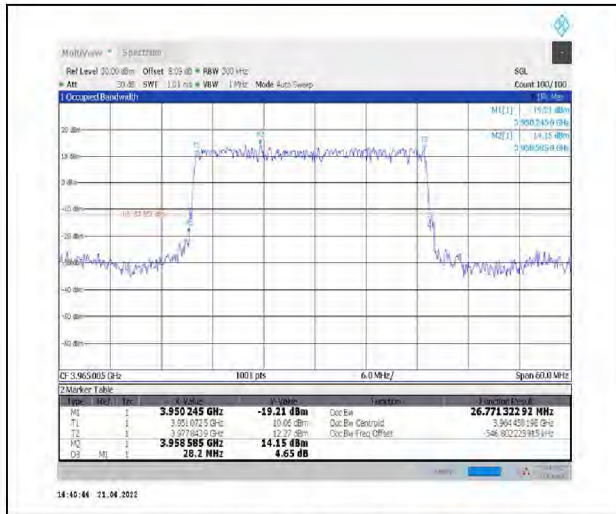
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

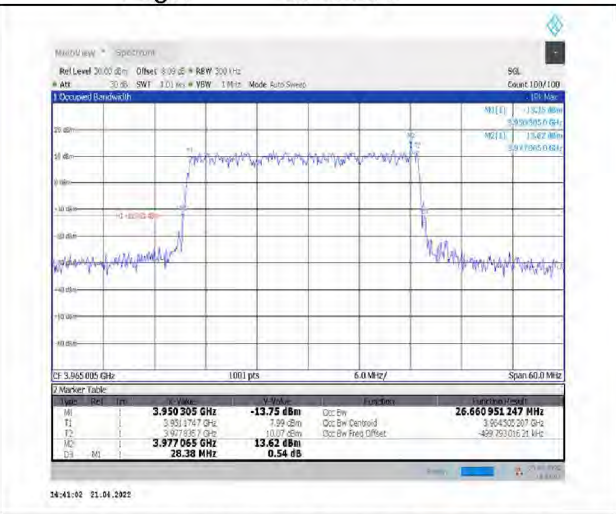
South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的8号厂房南楼 邮编：215000

t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com

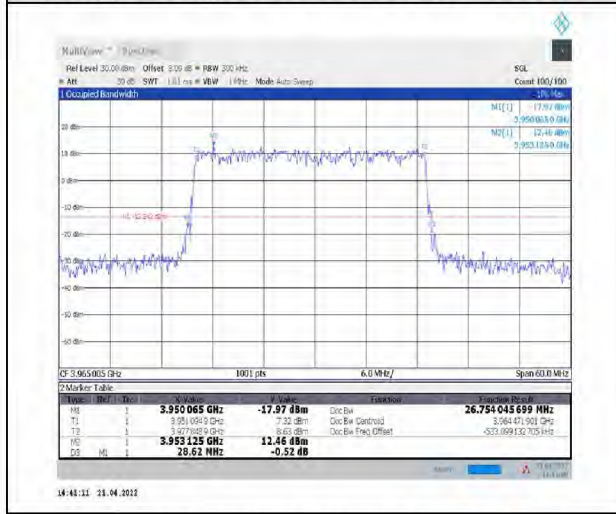




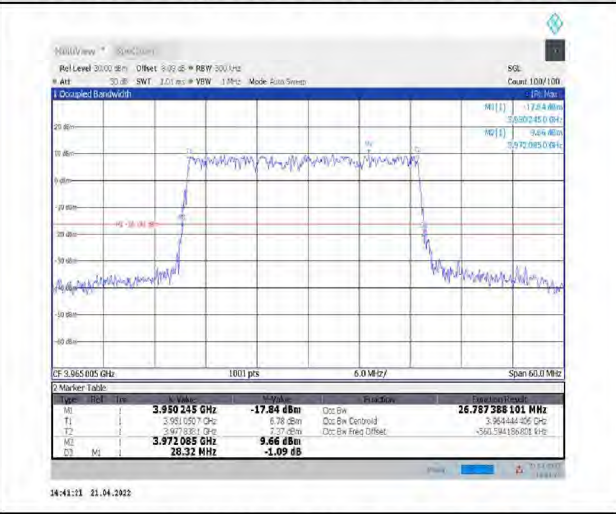
1-N77-3700-3980--30-30-H-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-26.774-28.200-<30-PASS



1-N77-3700-3980--30-30-H-3-DFT-16QAM-Outer\_Full-75@0-Ant1-26.665-28.380-<30-PASS



1-N77-3700-3980--30-30-H-4-DFT-64QAM-Outer\_Full-75@0-Ant1-26.756-28.620-<30-PASS



1-N77-3700-3980--30-30-H-5-DFT-256QAM-Outer\_Full-75@0-Ant1-26.788-28.320-<30-PASS

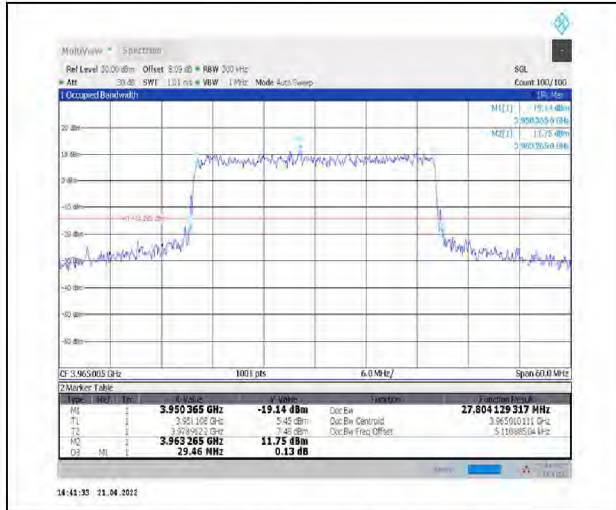


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

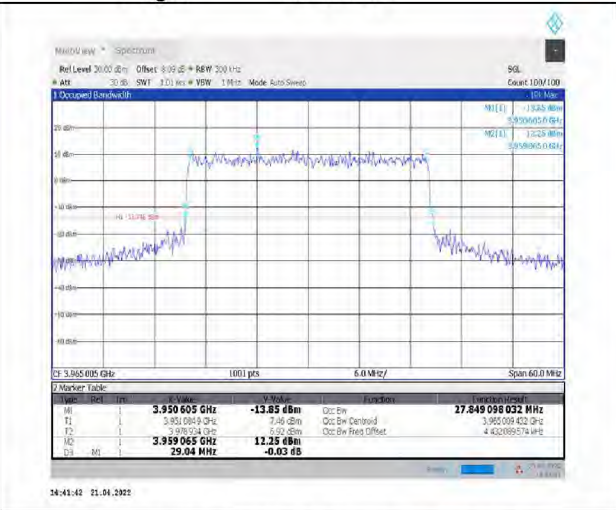
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CN.Despatch@sgs.com](mailto:CN.Despatch@sgs.com)

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 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8号厂房南楼 邮编：215000

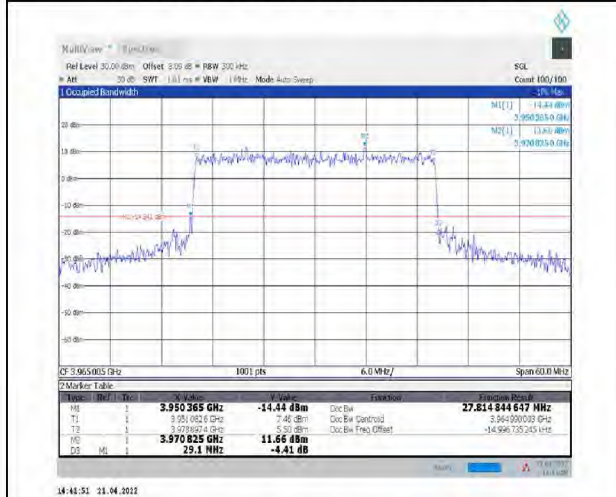
t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



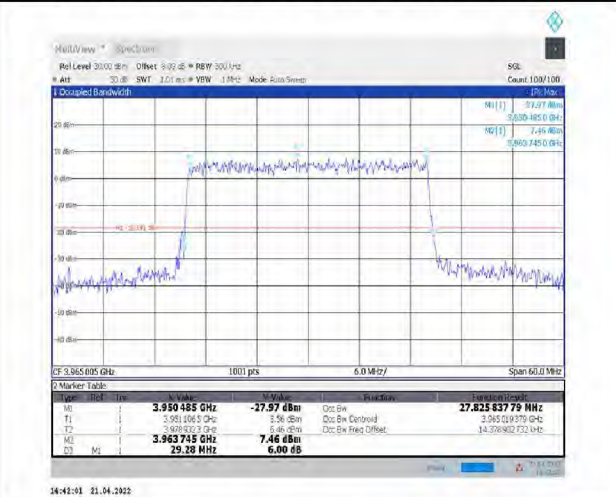
1-N77-3700-3980--30-30-H-6-CP-QPSK-Outer\_Full-78@0-Ant1-27.806-29.460-<30-PASS



1-N77-3700-3980--30-30-H-7-CP-16QAM-Outer\_Full-78@0-Ant1-27.85-29.040-<30-PASS



1-N77-3700-3980--30-30-H-8-CP-64QAM-Outer\_Full-78@0-Ant1-27.794-29.100-<30-PASS



1-N77-3700-3980--30-30-H-9-CP-256QAM-Outer\_Full-78@0-Ant1-27.825-29.280-<30-PASS

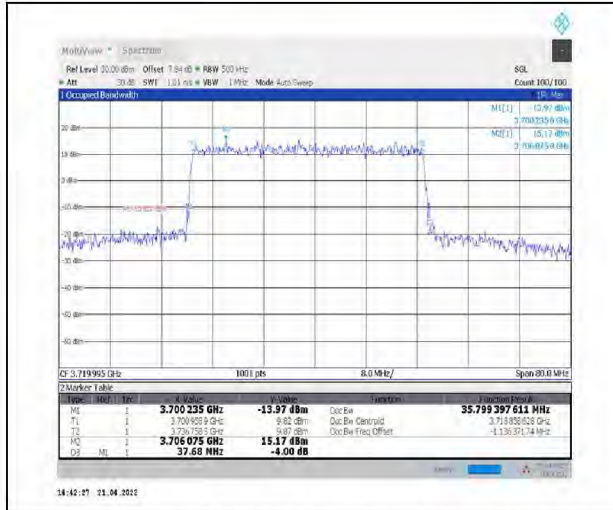


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CN\\_InspectHead@sgs.com](mailto:CN_InspectHead@sgs.com)

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 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8号厂房南楼 邮编：215000

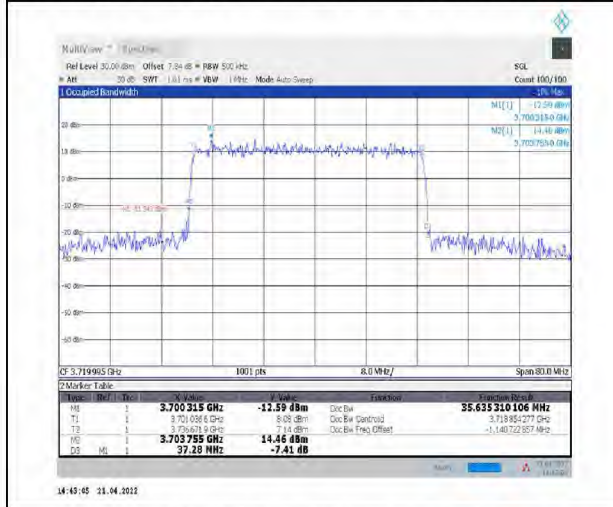
t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



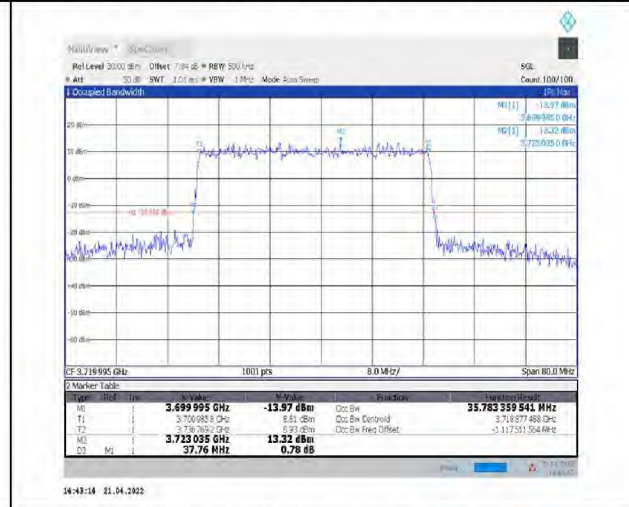
1-N77-3700-3980--30-40-L-1-DFT-QPSK-Outer\_Full-100@0-Ant1-35.818-37.680-<40-PASS



1-N77-3700-3980--30-40-L-2-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-35.776-37.840-<40-PASS



1-N77-3700-3980--30-40-L-3-DFT-16QAM-Outer\_Full-100@0-Ant1-35.643-37.280-<40-PASS



1-N77-3700-3980--30-40-L-4-DFT-64QAM-Outer\_Full-100@0-Ant1-35.791-37.760-<40-PASS

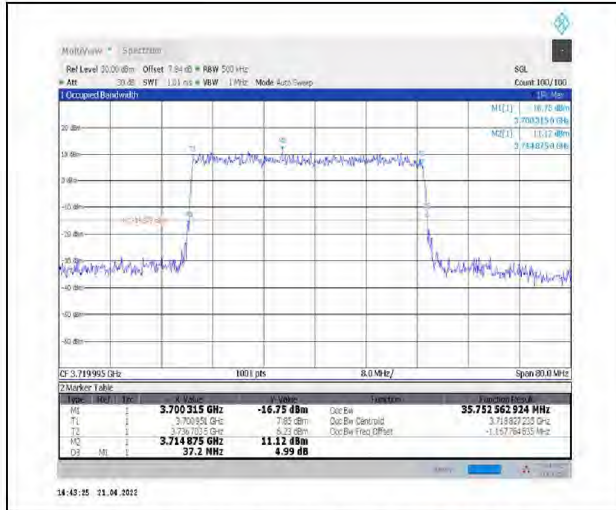


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

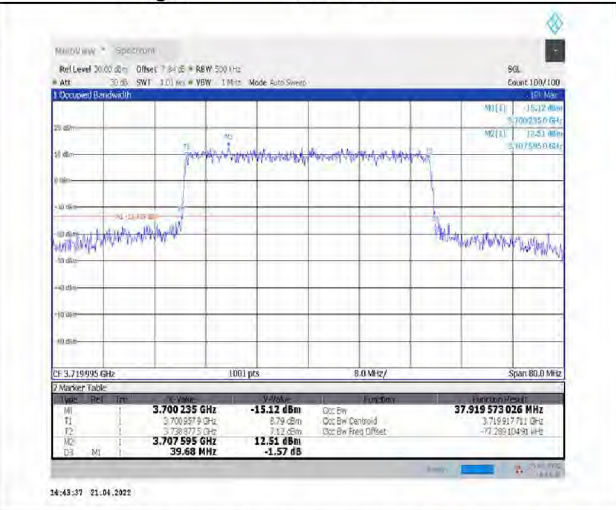
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CS.Despatch@sgs.com](mailto:CS.Despatch@sgs.com)

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 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8号厂房南楼 邮编: 215000

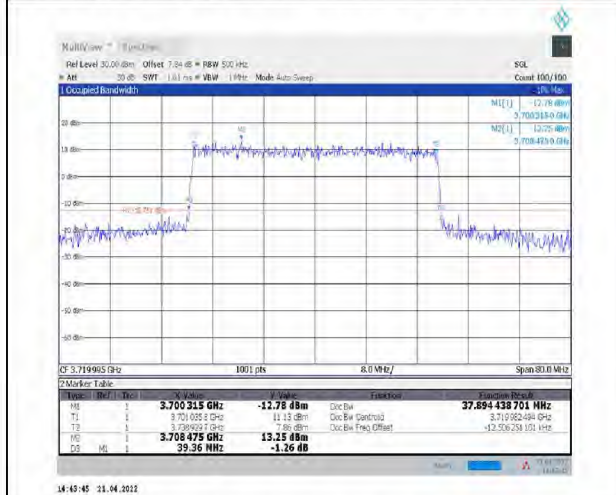
t (86-512) 62982980 www.sgs.com.cn  
 t (86-512) 62982980 sgs.china@sgs.com



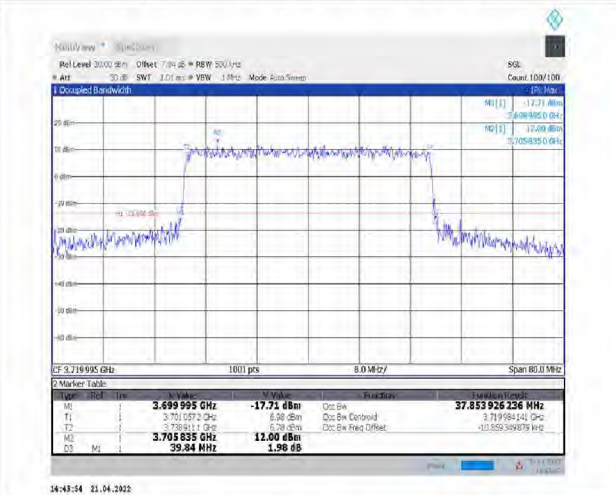
1-N77-3700-3980--30-40-L-5-DFT-256QAM-Outer\_Full-100@0-Ant1-35.765-37.200-<40-PASS



1-N77-3700-3980--30-40-L-6-CP-QPSK-Outer\_Full-106@0-Ant1-37.912-39.680-<40-PASS



1-N77-3700-3980--30-40-L-7-CP-16QAM-Outer\_Full-106@0-Ant1-37.895-39.360-<40-PASS



1-N77-3700-3980--30-40-L-8-CP-64QAM-Outer\_Full-106@0-Ant1-37.849-39.840-<40-PASS



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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: [CN.Despatch@sgs.com](mailto:CN.Despatch@sgs.com)

South of No. 8 Plant, No. 1, Runsheng Road, Suzhou Industrial Park Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 t (86-512) 62982980 www.sgs.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8号厂房南楼 邮编：215000  
 t (86-512) 62982980 sgs.china@sgs.com