



## Appendix I: Test Data for E-UTRA Band 7

Product Name: SMARTPHONE

Test Model: SP-7275

### Environmental Conditions

|                    |            |
|--------------------|------------|
| Temperature:       | 23.8°C     |
| Relative Humidity: | 52.1%      |
| ATM Pressure:      | 100.0 kPa  |
| Test Engineer:     | Paddi Chen |
| Supervised by:     | Nick Peng  |



Shenzhen LCS Compliance Testing Laboratory Ltd.  
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity



## I.1 Conducted Output Power Data

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 19.98       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 19.39       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#12           | 20.23       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#12           | 19.55       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#24           | 19.87       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#24           | 19.48       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 12RB#0           | 19.97       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 12RB#0           | 19.08       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 12RB#6           | 19.96       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 12RB#6           | 19.07       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 12RB#13          | 19.99       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 12RB#13          | 19.10       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 19.96       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 19.19       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 20.77       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 20.24       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#12           | 20.64       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#12           | 20.09       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#24           | 20.68       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#24           | 19.50       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 12RB#0           | 19.97       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 12RB#0           | 19.09       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 12RB#6           | 19.99       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 12RB#6           | 19.10       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 12RB#13          | 19.82       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 12RB#13          | 18.94       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 19.92       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | 19.09       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 20.45       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 20.24       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#12           | 20.85       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#12           | 20.74       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#24           | 20.56       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#24           | 20.48       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 12RB#0           | 20.55       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 12RB#0           | 20.51       | PASS    |



Shenzhen LCS Compliance Testing Laboratory Ltd.  
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band7 | 5MHz  | QPSK  | 21425 | 12RB#6  | 20.53 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#6  | 20.49 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 12RB#13 | 20.70 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#13 | 20.43 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 25RB#0  | 20.62 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0  | 20.59 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#0   | 19.68 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0   | 19.66 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#24  | 19.94 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#24  | 19.94 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#49  | 20.50 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#49  | 20.51 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#0  | 19.81 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#0  | 19.78 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#12 | 19.81 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#12 | 19.78 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#25 | 20.30 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#25 | 20.08 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0  | 20.04 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0  | 20.05 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0   | 21.58 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0   | 20.97 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#24  | 21.62 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#24  | 20.75 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#49  | 21.23 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#49  | 20.56 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#0  | 20.99 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#0  | 20.20 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#12 | 20.94 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#12 | 20.16 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#25 | 20.78 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#25 | 19.94 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0  | 20.87 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0  | 20.02 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0   | 20.49 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0   | 20.38 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#24  | 20.48 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#24  | 20.49 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#49  | 20.92 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#49  | 20.92 | PASS |



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band7 | 10MHz | QPSK  | 21400 | 25RB#0  | 20.47 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#0  | 20.43 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#12 | 20.46 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#12 | 20.42 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#25 | 20.80 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#25 | 20.46 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0  | 20.63 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0  | 20.50 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0   | 20.82 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0   | 20.77 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#38  | 21.20 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#38  | 21.18 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#74  | 21.57 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#74  | 21.43 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#0  | 21.14 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#0  | 21.13 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#18 | 21.12 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#18 | 21.12 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#37 | 21.11 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#37 | 21.10 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | 21.10 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | 20.35 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0   | 21.74 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0   | 21.35 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#38  | 21.39 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#38  | 21.10 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#74  | 21.29 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#74  | 20.96 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#0  | 20.93 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#0  | 20.88 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#18 | 20.77 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#18 | 20.77 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#37 | 20.84 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#37 | 20.90 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | 20.94 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | 20.18 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0   | 21.63 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0   | 21.31 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#38  | 21.39 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#38  | 21.17 | PASS |



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band7 | 15MHz | QPSK  | 21375 | 1RB#74  | 21.37 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#74  | 21.17 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#0  | 21.34 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#0  | 21.32 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#18 | 21.31 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#18 | 21.31 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#37 | 21.32 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#37 | 21.40 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | 21.39 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | 20.57 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0   | 20.44 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0   | 20.28 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#49  | 21.07 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#49  | 20.94 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#99  | 21.88 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99  | 21.23 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#0  | 20.53 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#0  | 20.26 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#25 | 20.54 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#25 | 20.25 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#50 | 21.31 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#50 | 20.65 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | 21.04 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 20.38 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0   | 22.07 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0   | 21.79 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#49  | 21.90 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#49  | 21.47 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#99  | 21.63 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#99  | 21.23 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#0  | 21.20 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#0  | 20.43 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#25 | 21.15 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#25 | 20.31 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#50 | 20.91 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#50 | 20.09 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | 21.05 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 20.32 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0   | 21.22 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0   | 21.01 | PASS |



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band7 | 20MHz | QPSK  | 21350 | 1RB#49  | 21.12 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#49  | 20.99 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#99  | 21.53 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99  | 21.40 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#0  | 21.14 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#0  | 20.45 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#25 | 21.15 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#25 | 20.53 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#50 | 21.22 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#50 | 20.78 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | 21.17 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 20.52 | PASS |





## I.2 Peak-to-Average Ratio(CCDF)

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 4.50       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 4.60       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 5.09       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 5.46       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 4.42       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 5.11       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 5.19       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | 5.85       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 4.63       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 4.73       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 5.00       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0           | 5.49       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | 3.98       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 1RB#0            | 4.53       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0           | 5.11       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 50RB#0           | 5.81       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 1RB#0            | 4.50       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 1RB#0            | 5.49       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 50RB#0           | 5.42       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 50RB#0           | 6.15       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 1RB#0            | 4.44       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 1RB#0            | 4.74       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0           | 5.13       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 50RB#0           | 5.87       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 1RB#0            | 4.19       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 1RB#0            | 4.45       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 75RB#0           | 5.36       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 75RB#0           | 5.71       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 1RB#0            | 4.18       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 1RB#0            | 5.15       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 75RB#0           | 5.51       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 75RB#0           | 6.09       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 1RB#0            | 4.51       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 1RB#0            | 4.82       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 75RB#0           | 5.29       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 75RB#0           | 5.80       | 13        | PASS    |



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

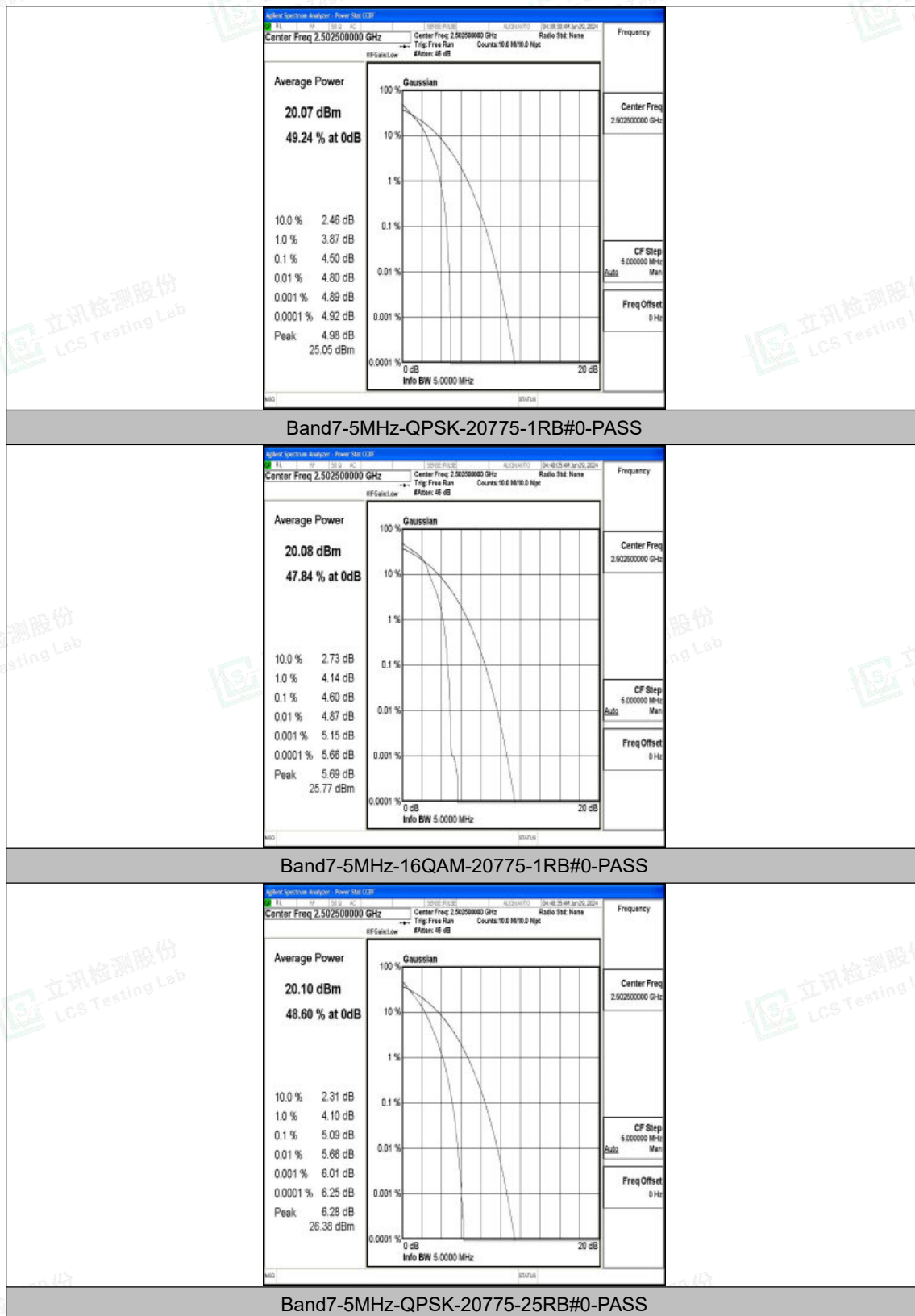


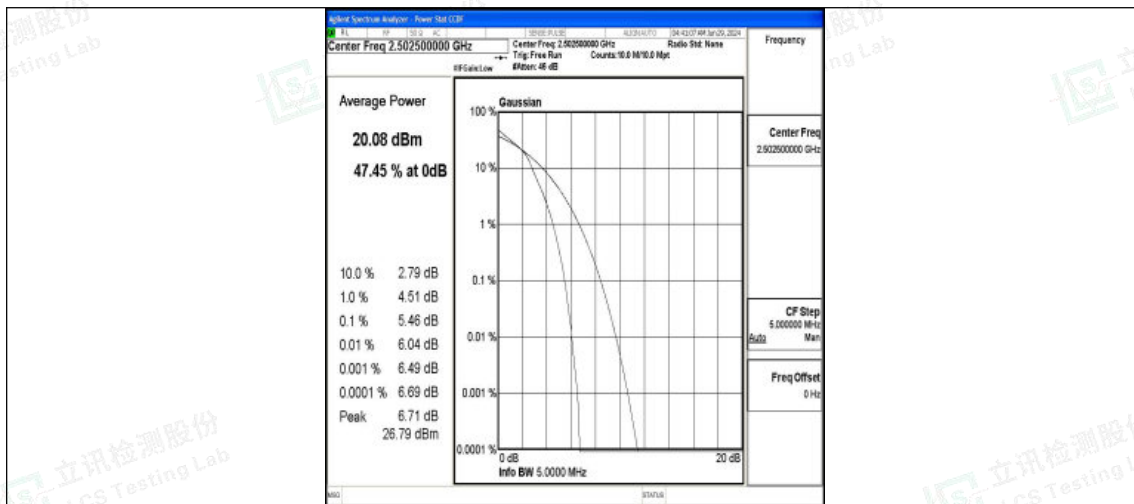
|       |       |       |       |         |      |    |      |
|-------|-------|-------|-------|---------|------|----|------|
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0   | 4.18 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0   | 4.37 | 13 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | 5.13 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 5.59 | 13 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0   | 3.98 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0   | 4.94 | 13 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | 5.19 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 5.97 | 13 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0   | 4.44 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0   | 4.66 | 13 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | 5.07 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 5.72 | 13 | PASS |



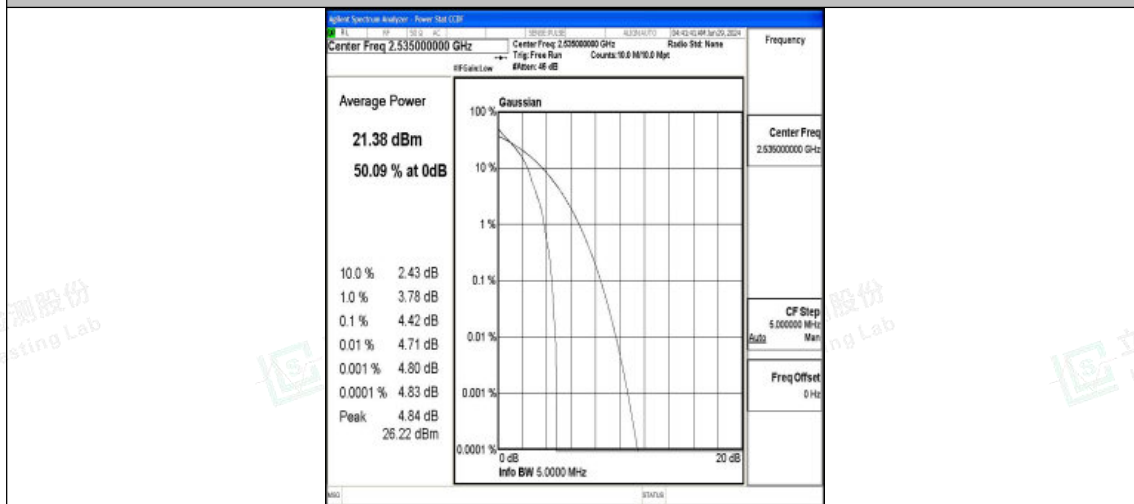


## Test Graphs

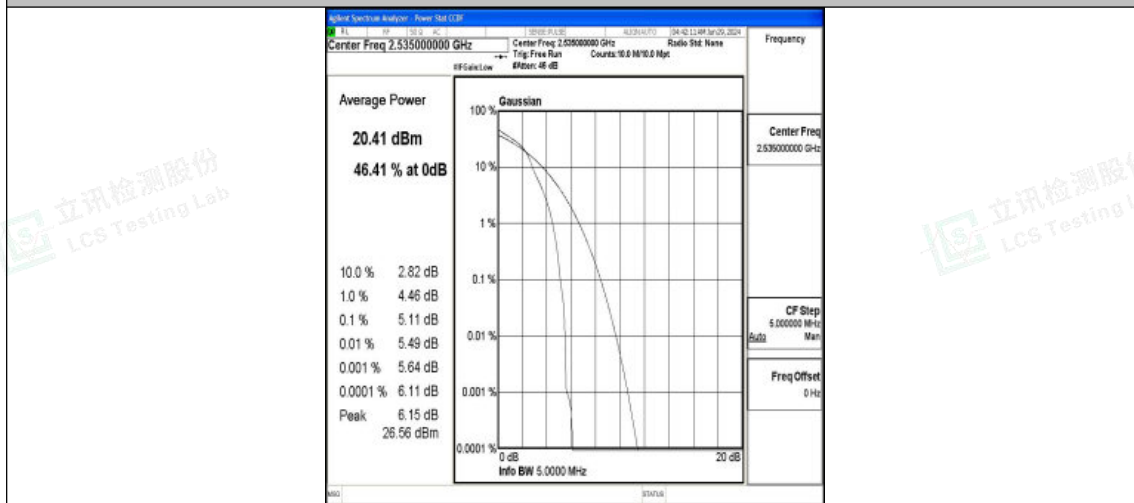




Band7-5MHz-16QAM-20775-25RB#0-PASS

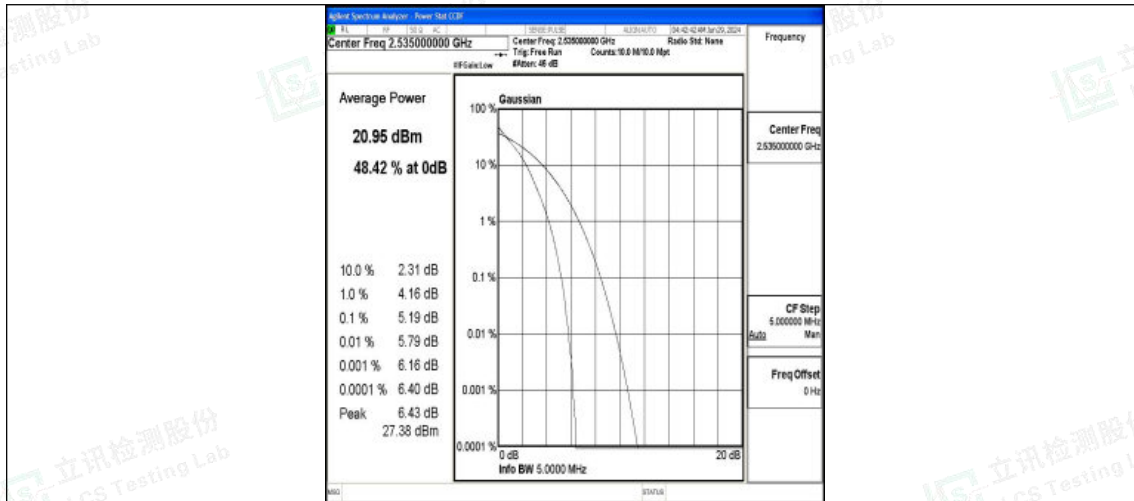


Band7-5MHz-QPSK-21100-1RB#0-PASS

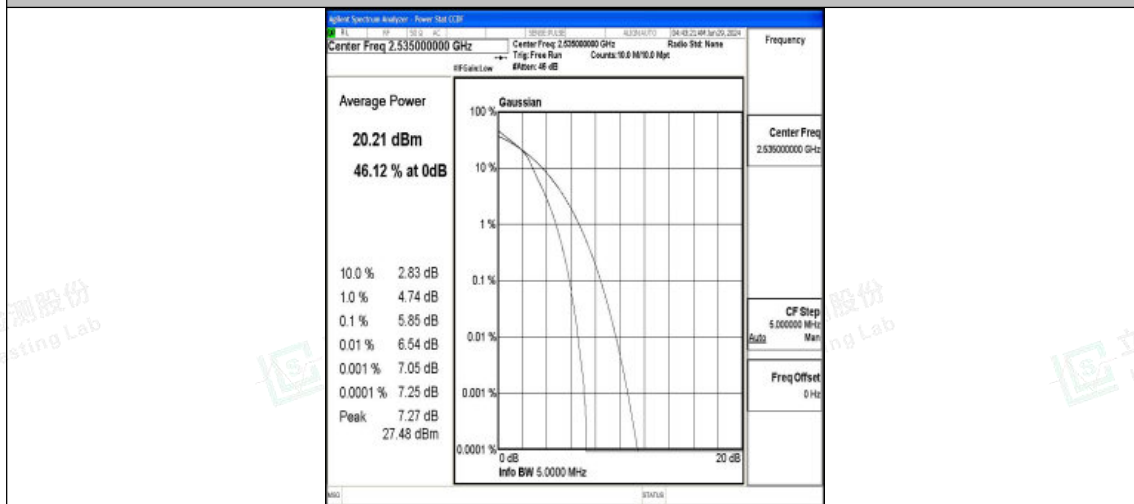


Band7-5MHz-16QAM-21100-1RB#0-PASS

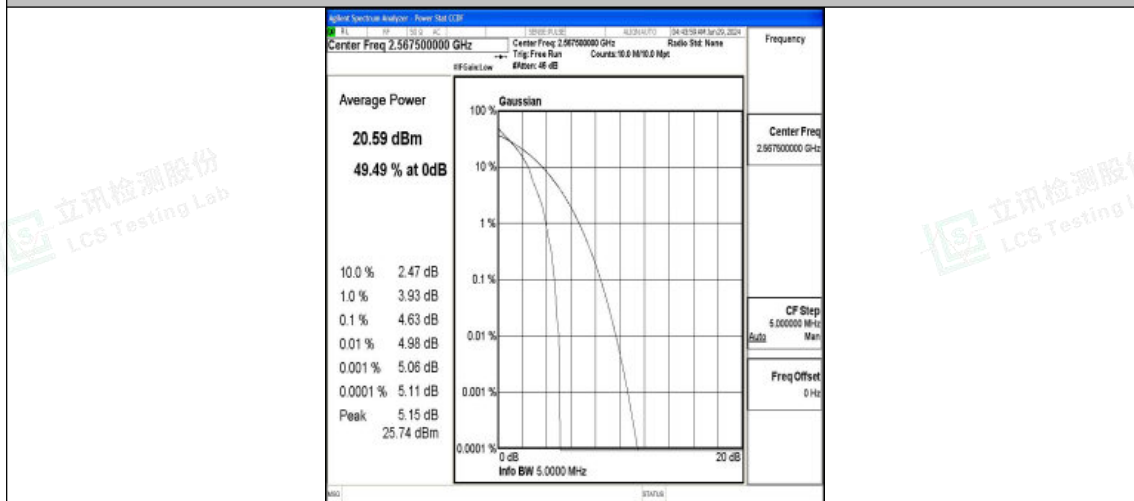




Band7-5MHz-QPSK-21100-25RB#0-PASS

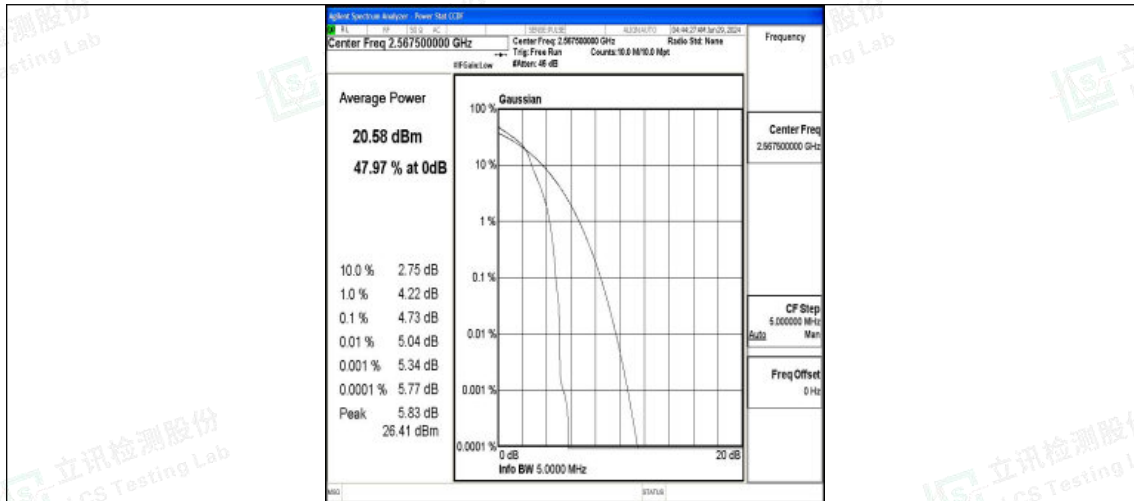


Band7-5MHz-16QAM-21100-25RB#0-PASS

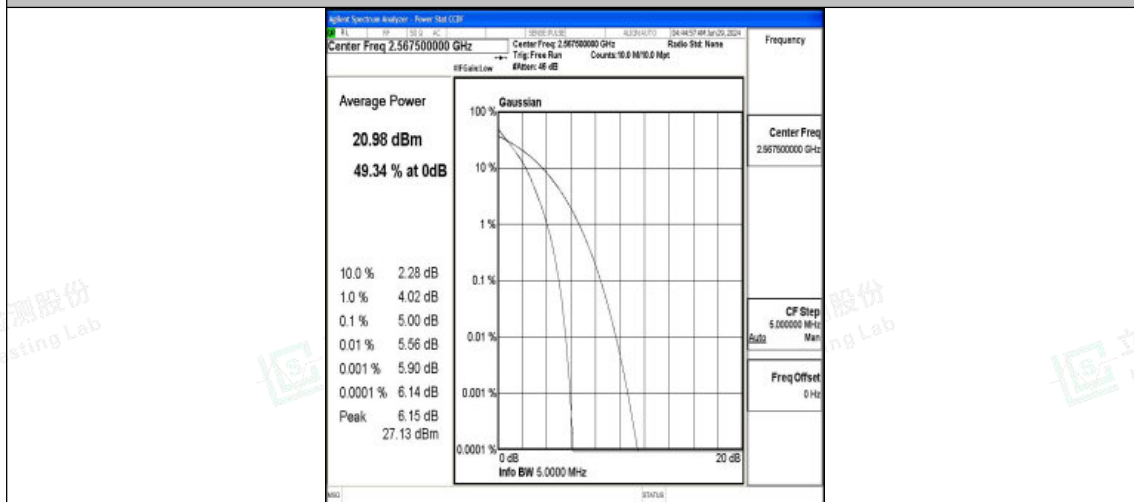


Band7-5MHz-QPSK-21425-1RB#0-PASS

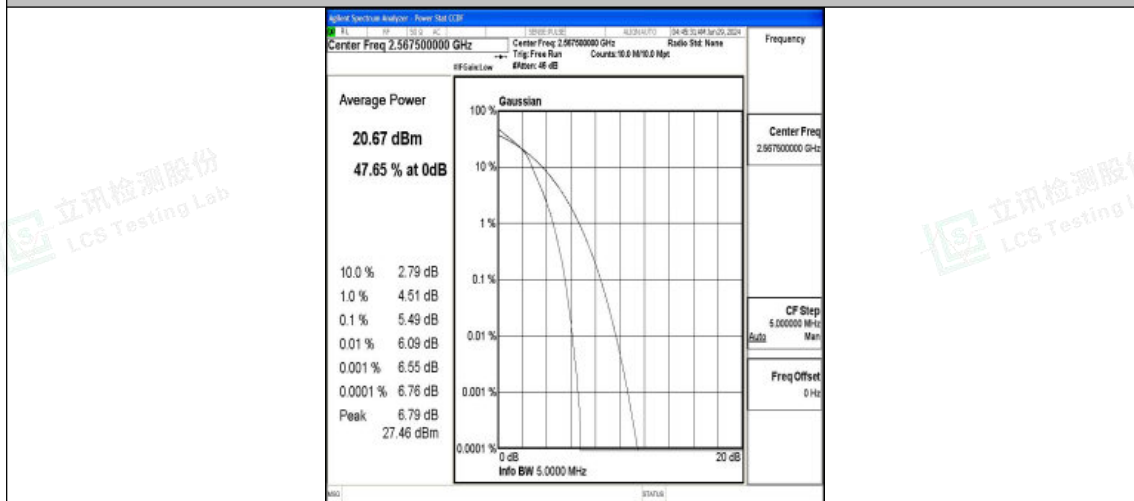




Band7-5MHz-16QAM-21425-1RB#0-PASS

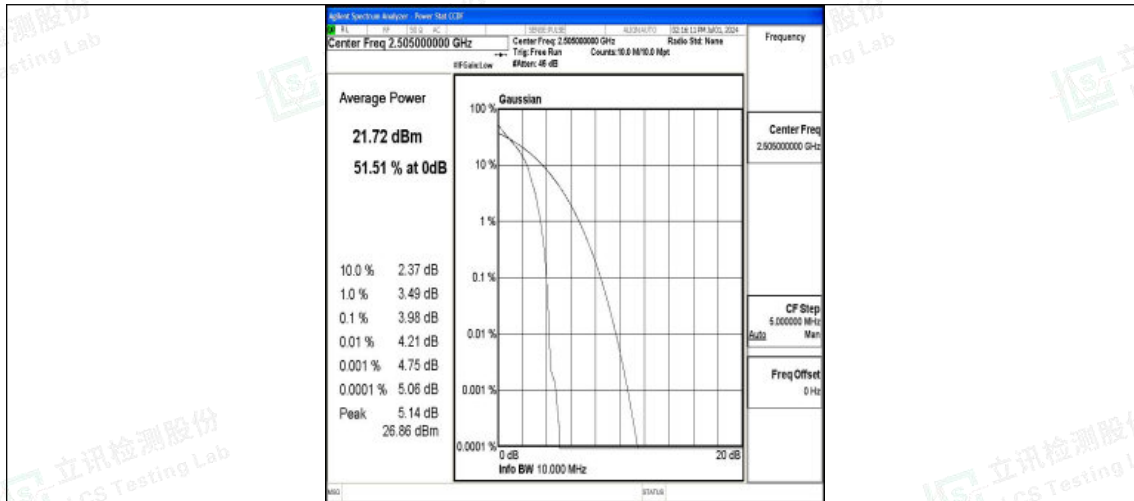


Band7-5MHz-QPSK-21425-25RB#0-PASS

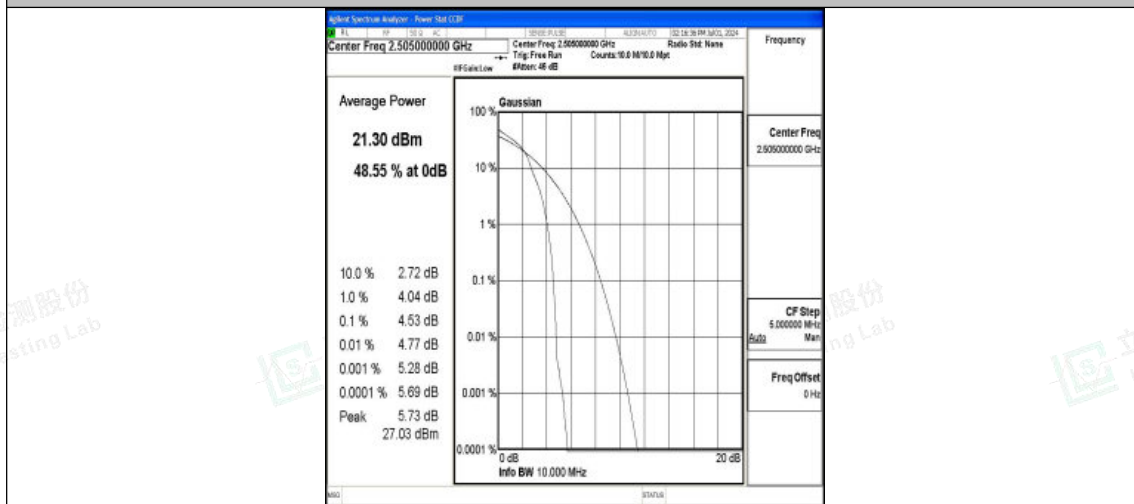


Band7-5MHz-16QAM-21425-25RB#0-PASS

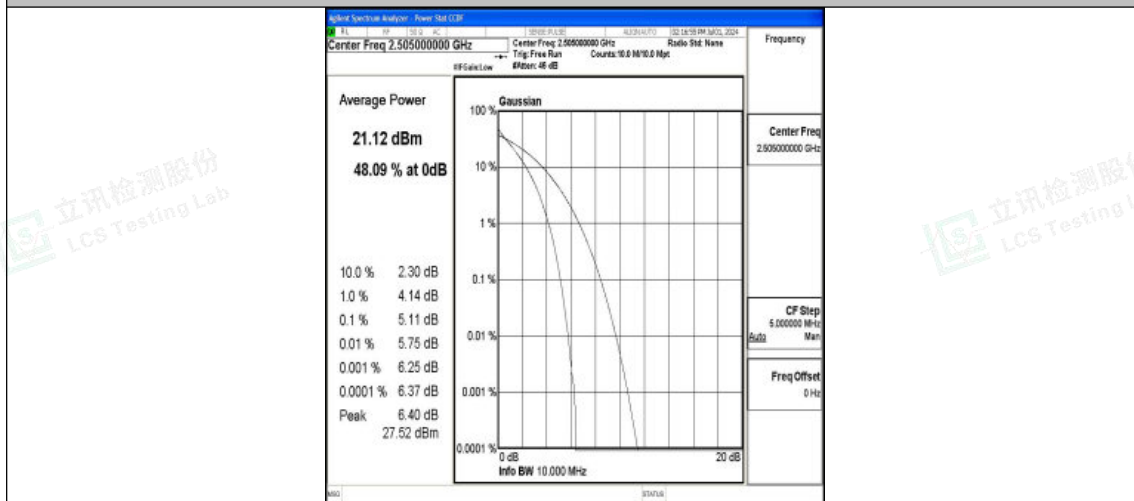




Band7-10MHz-QPSK-20800-1RB#0-PASS

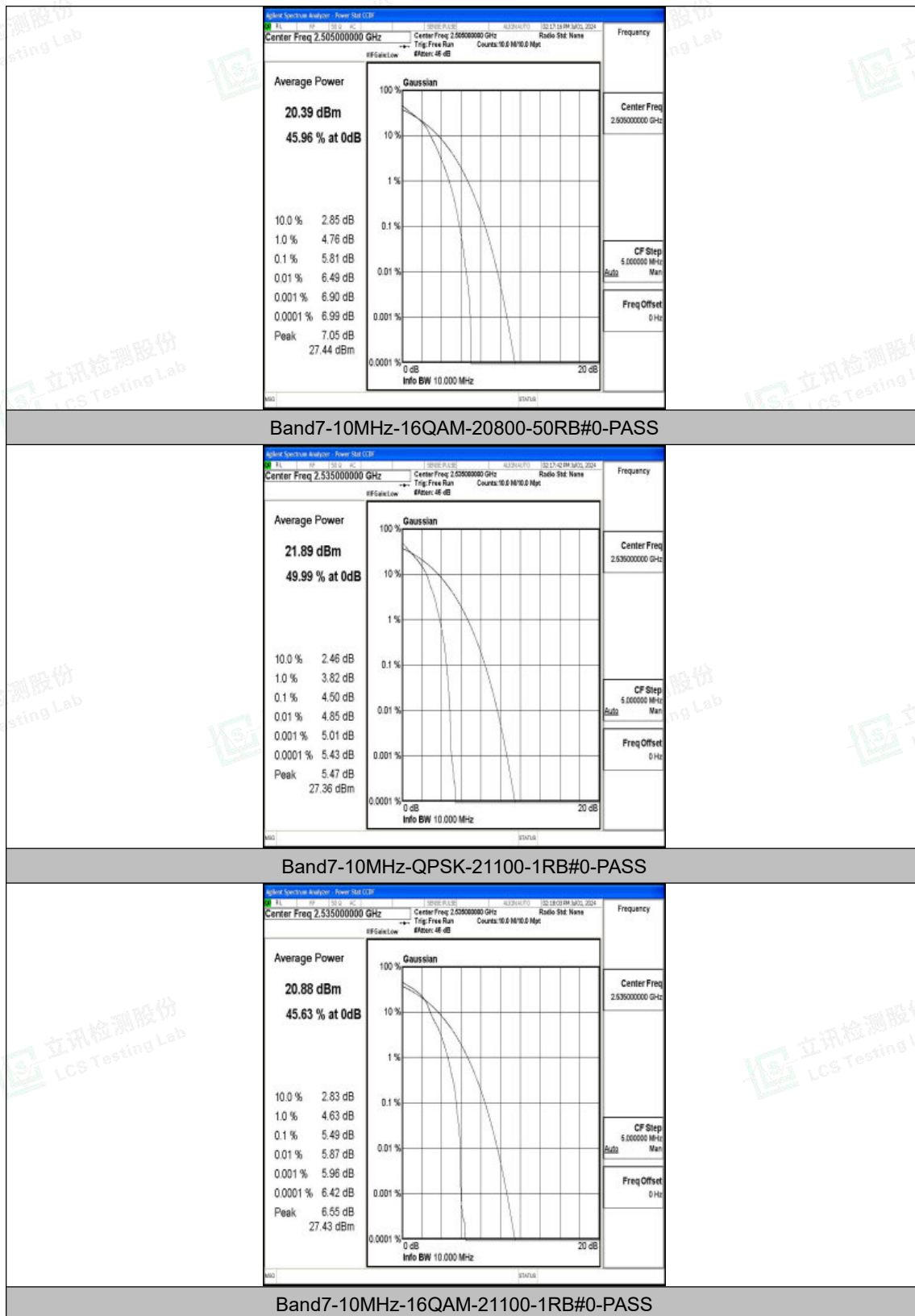


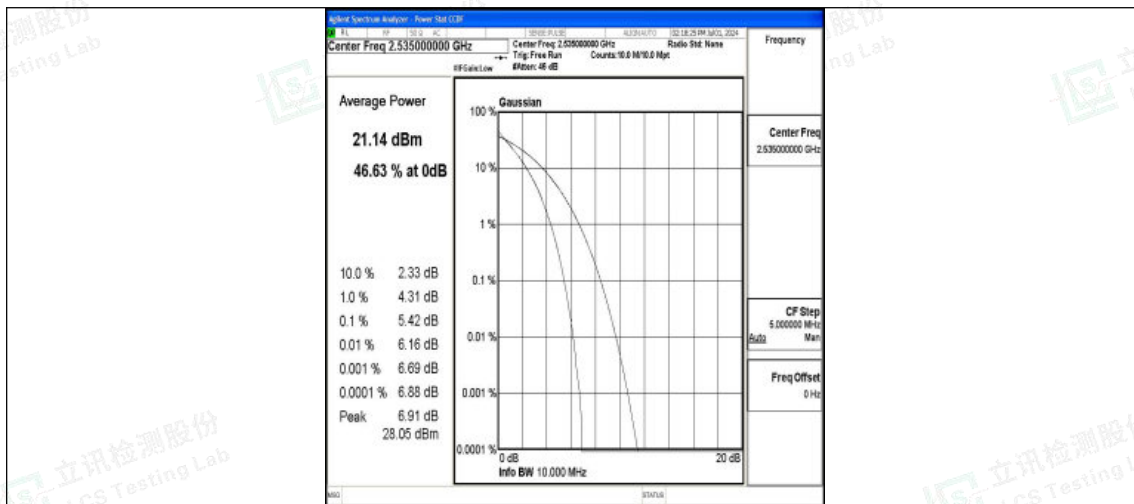
Band7-10MHz-16QAM-20800-1RB#0-PASS



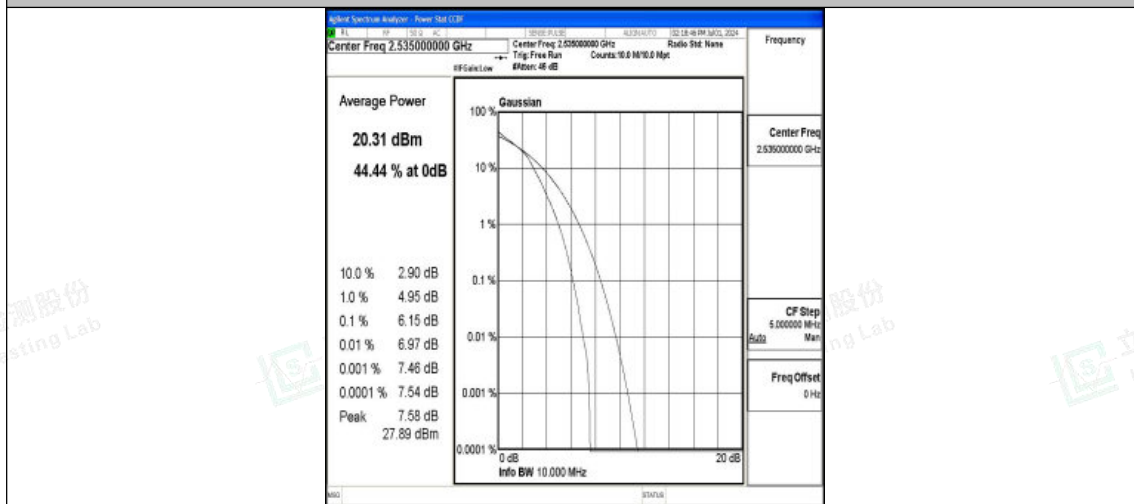
Band7-10MHz-QPSK-20800-50RB#0-PASS



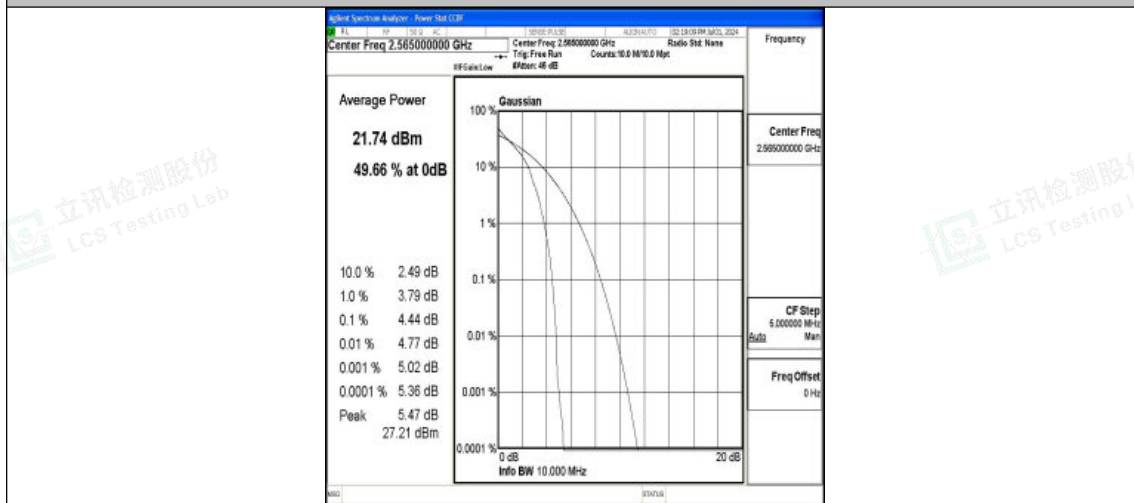




Band7-10MHz-QPSK-21100-50RB#0-PASS

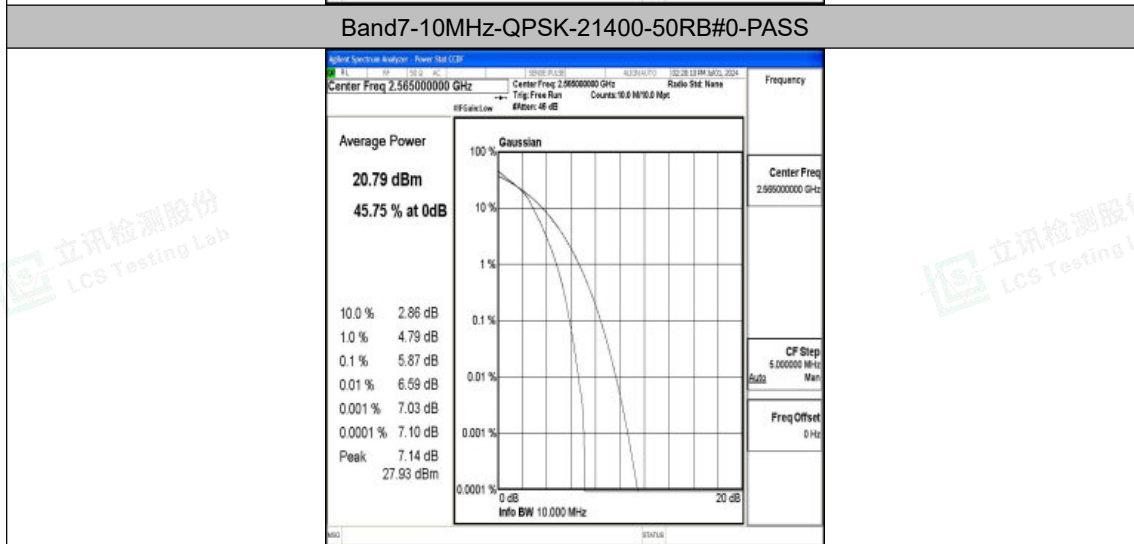
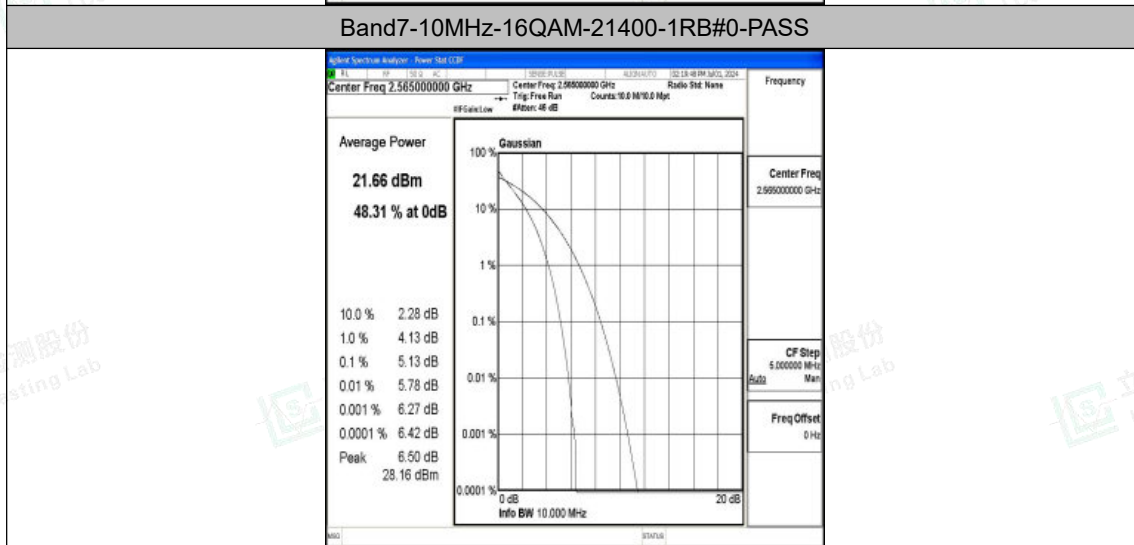
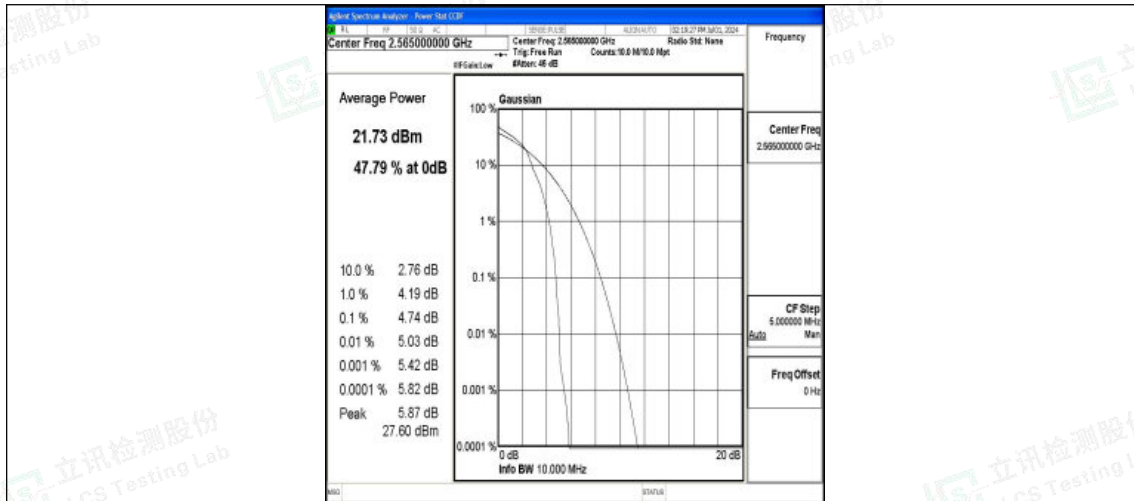


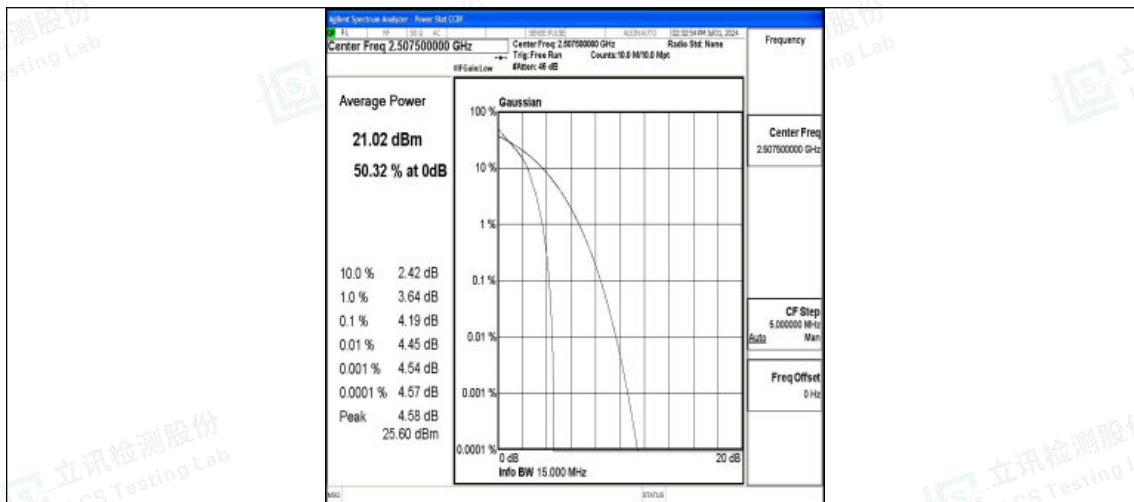
Band7-10MHz-16QAM-21100-50RB#0-PASS



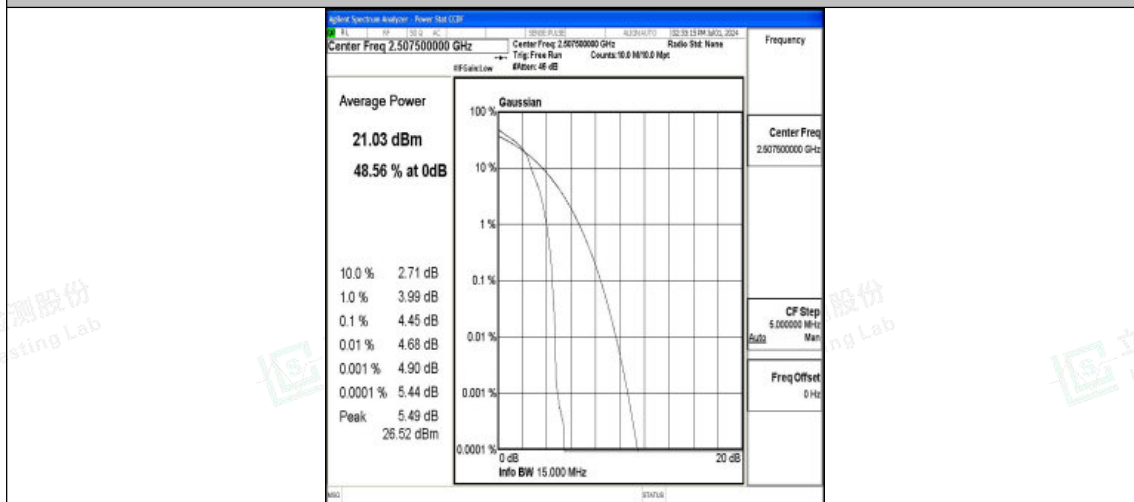
Band7-10MHz-QPSK-21400-1RB#0-PASS



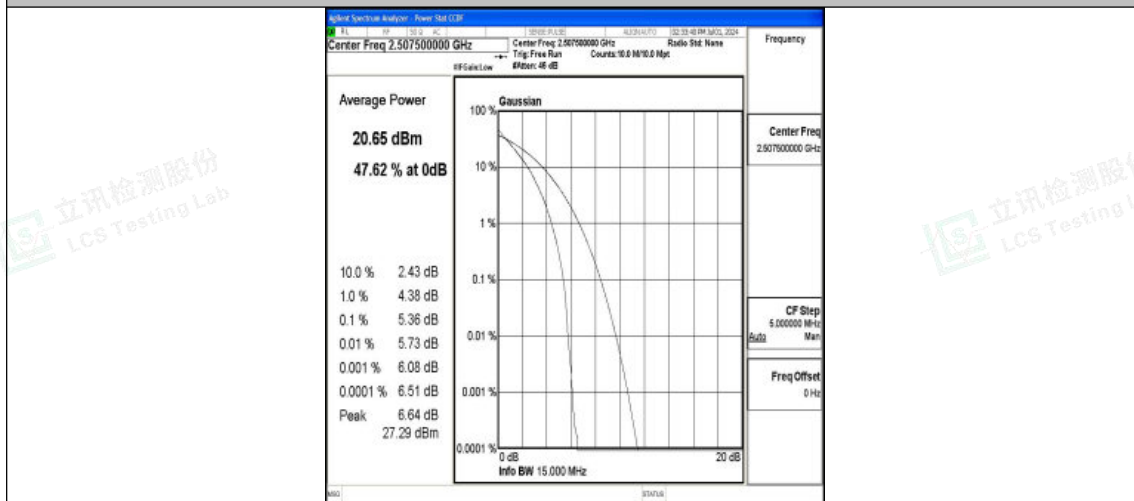




## Band7-15MHz-QPSK-20825-1RB#0-PASS



## Band7-15MHz-16QAM-20825-1RB#0-PASS



## Band7-15MHz-QPSK-20825-75RB#0-PASS

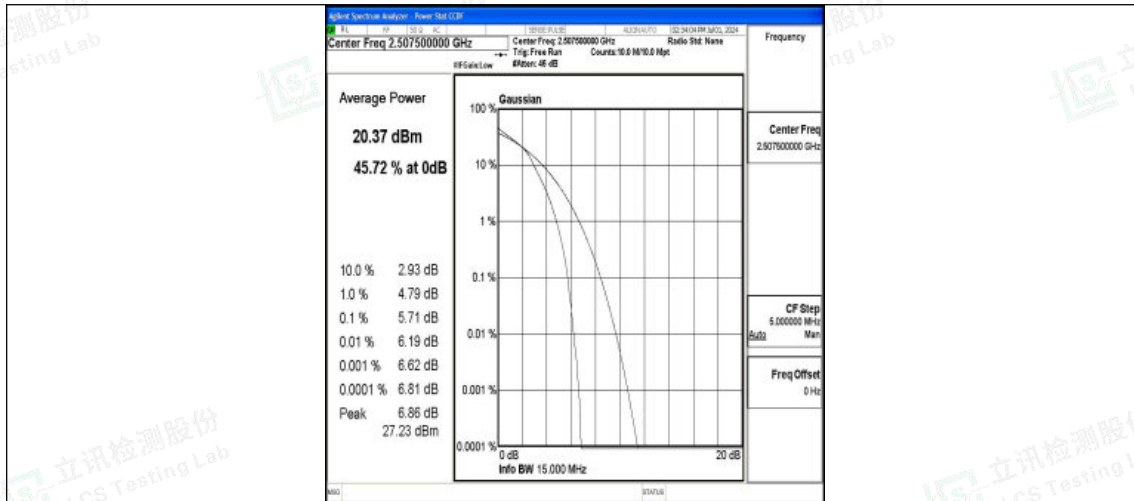


Shenzhen LCS Compliance Testing Laboratory Ltd.

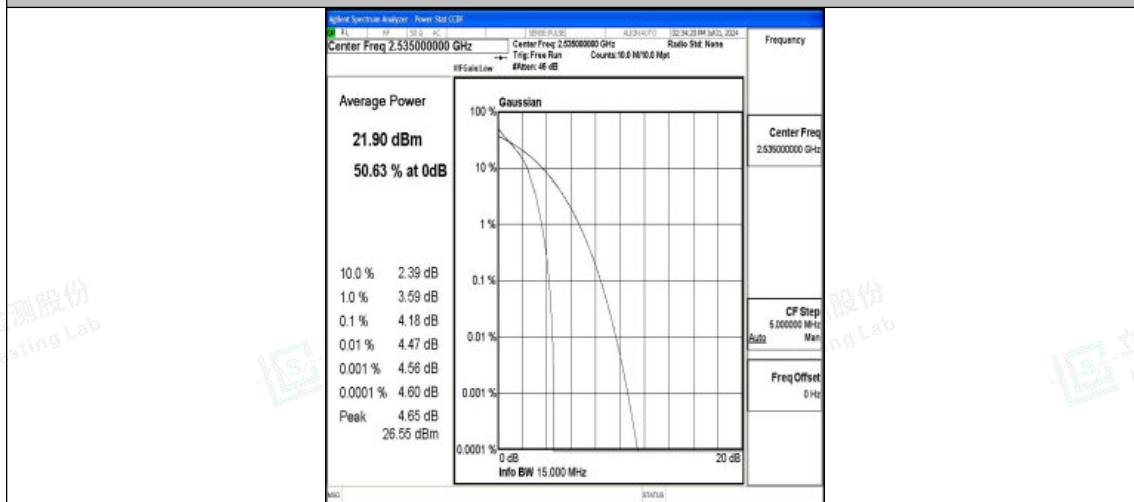
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

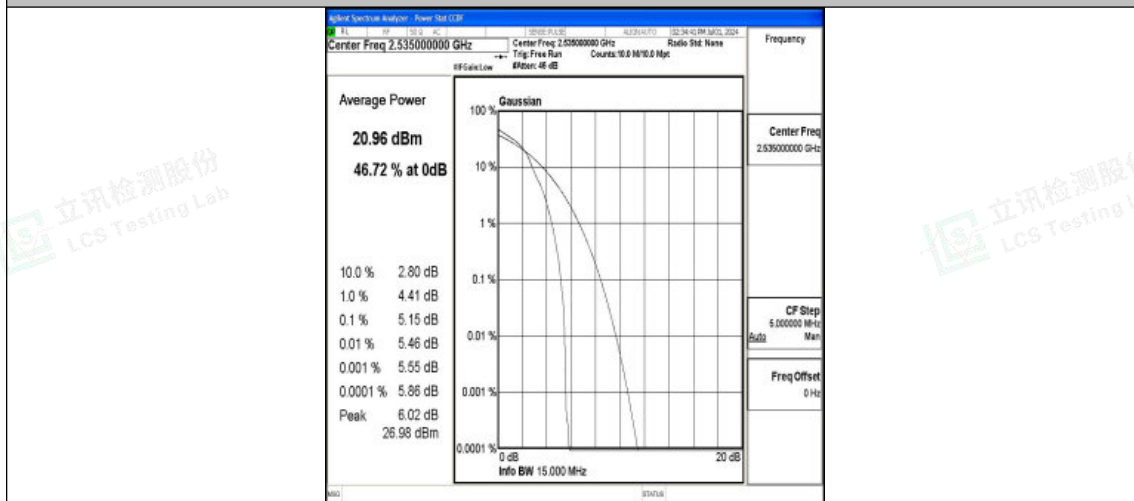
Scan code to check authenticity



Band7-15MHz-16QAM-20825-75RB#0-PASS

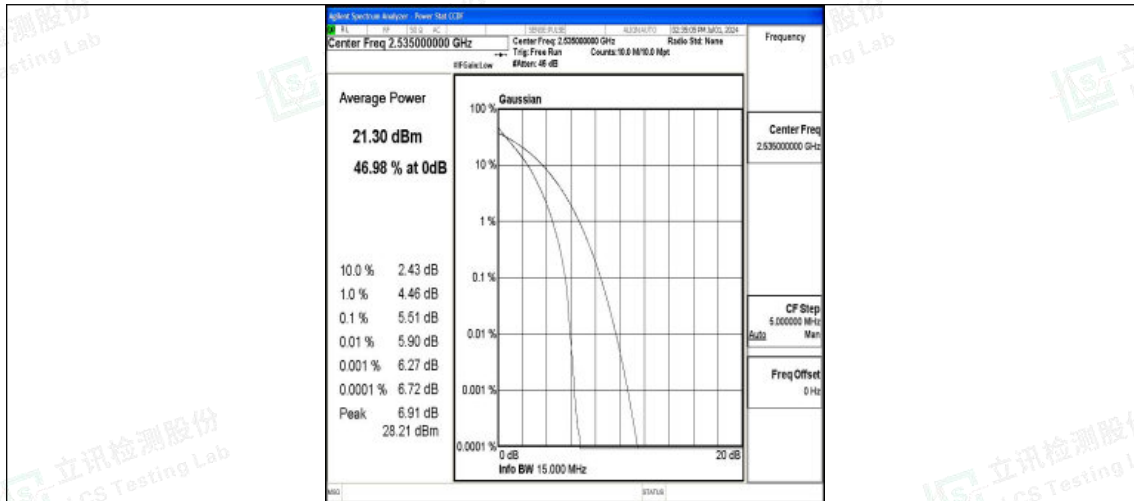


Band7-15MHz-QPSK-21100-1RB#0-PASS

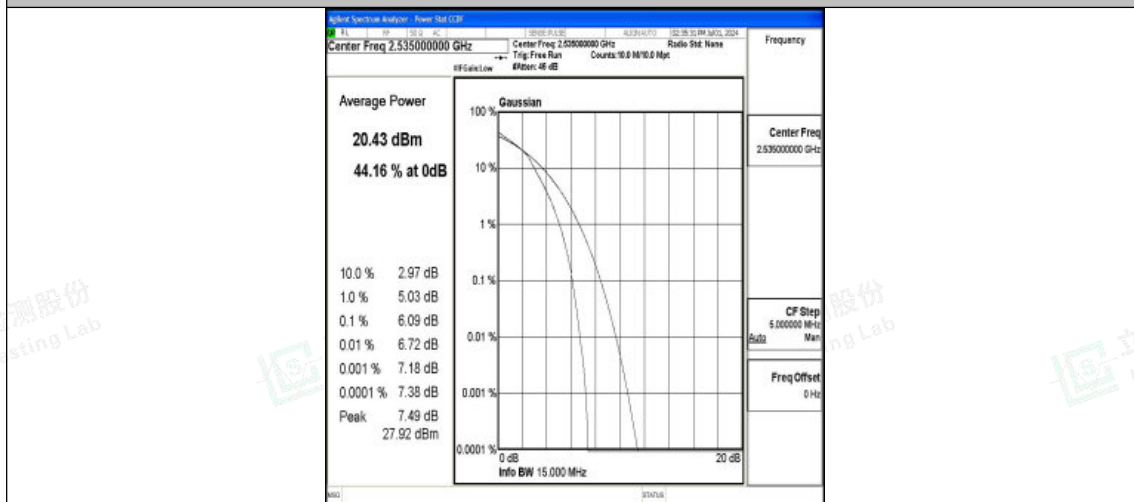


Band7-15MHz-16QAM-21100-1RB#0-PASS

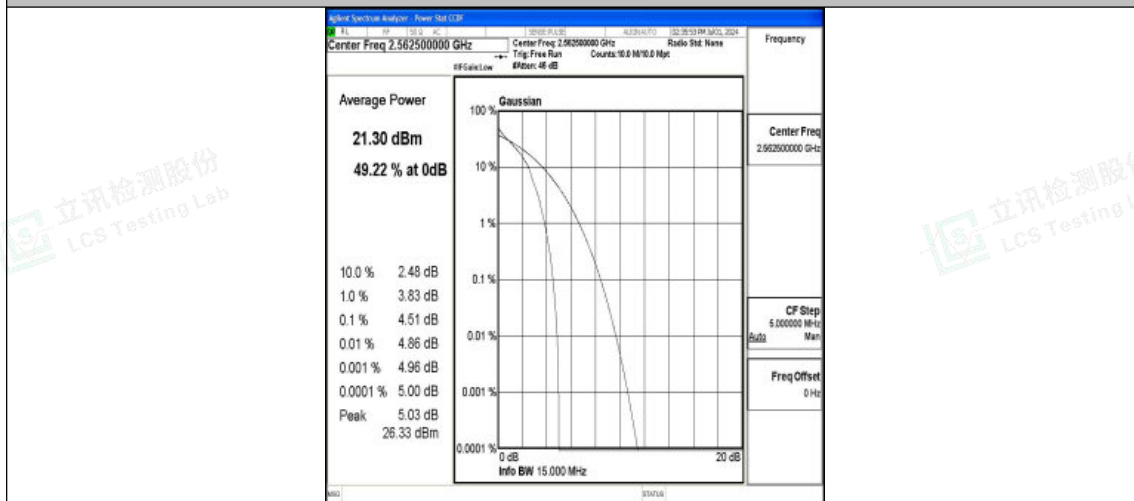




Band7-15MHz-QPSK-21100-75RB#0-PASS

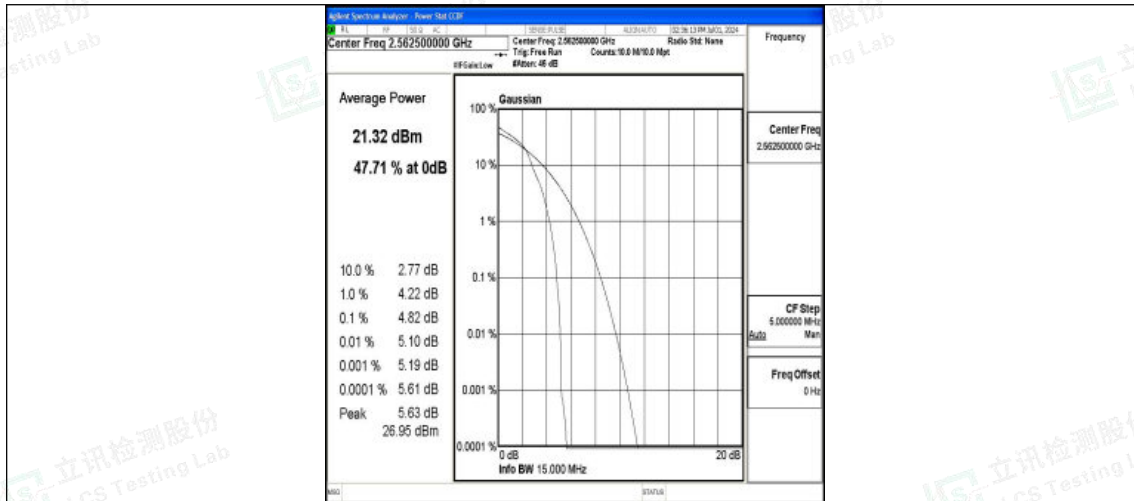


Band7-15MHz-16QAM-21100-75RB#0-PASS

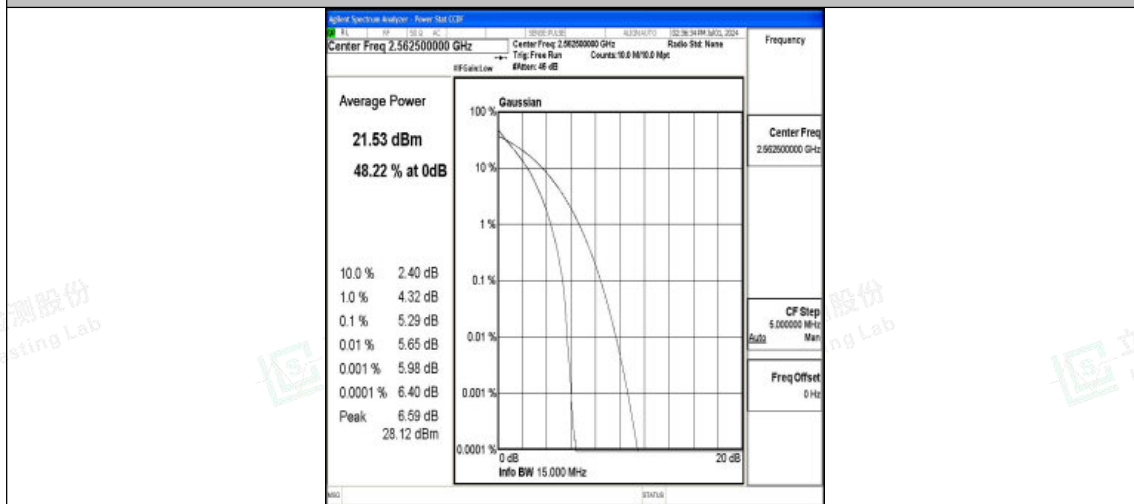


Band7-15MHz-QPSK-21375-1RB#0-PASS

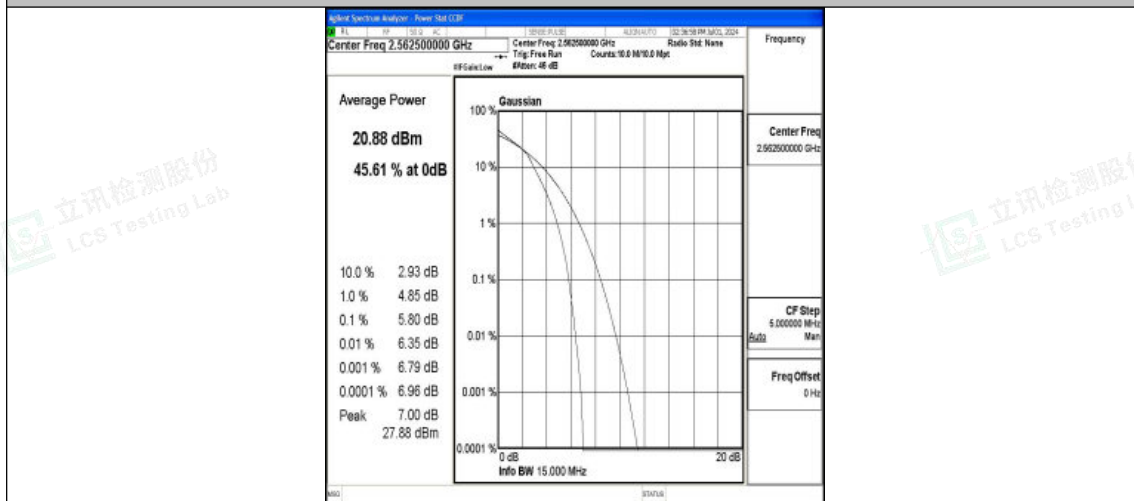




Band7-15MHz-16QAM-21375-1RB#0-PASS

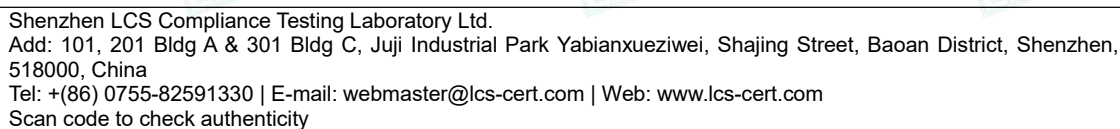
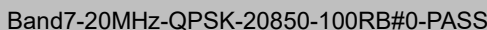
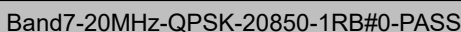


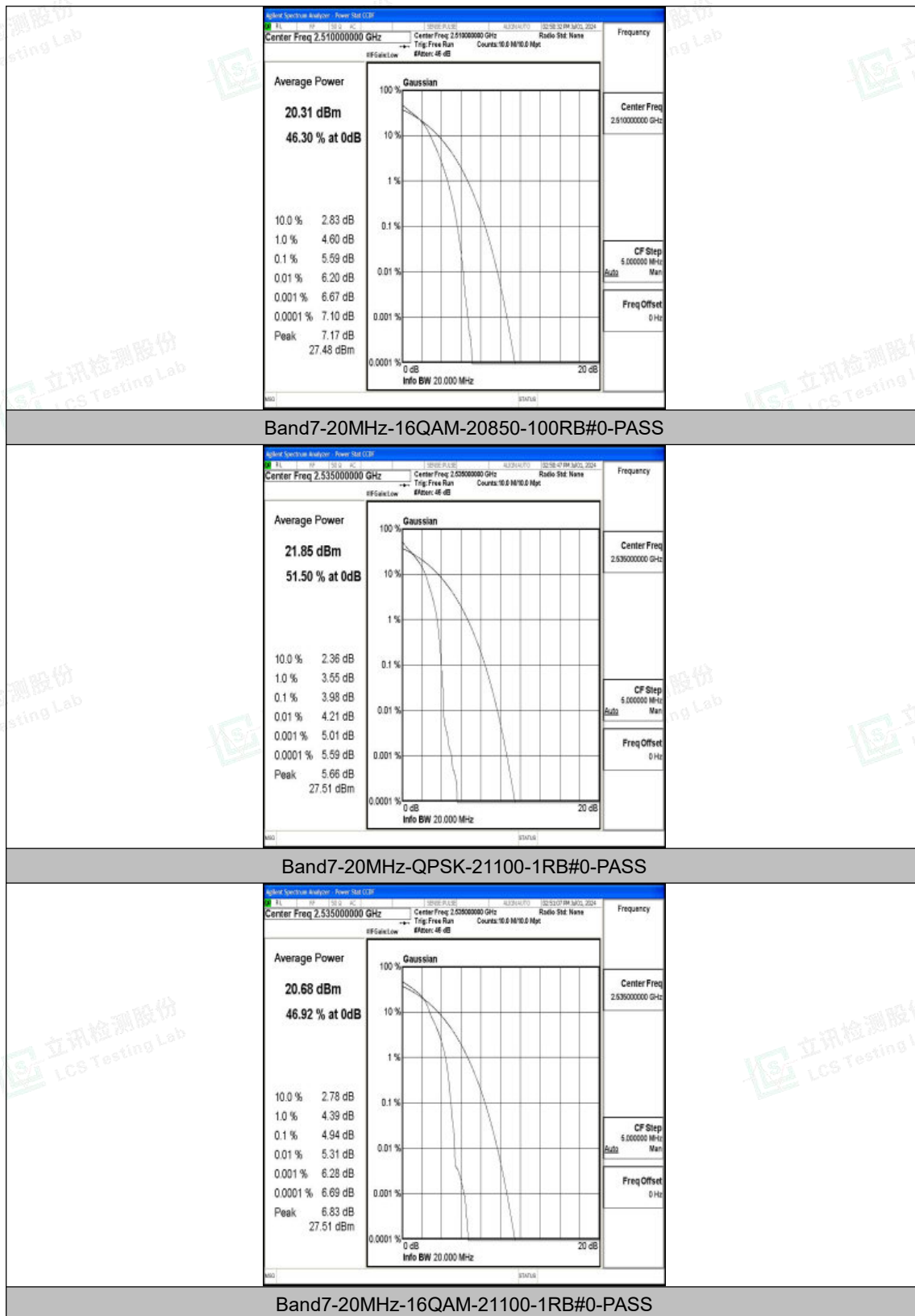
Band7-15MHz-QPSK-21375-75RB#0-PASS

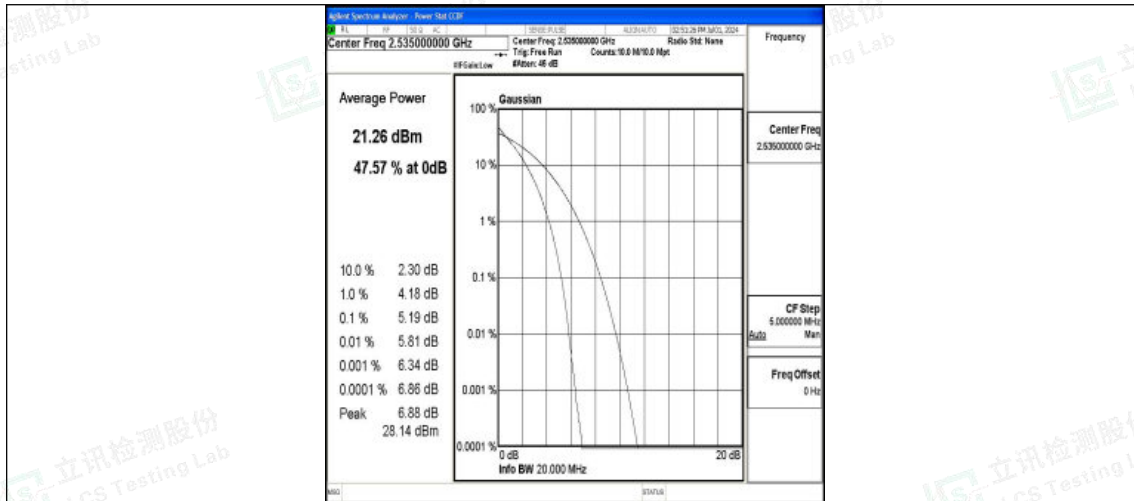


Band7-15MHz-16QAM-21375-75RB#0-PASS

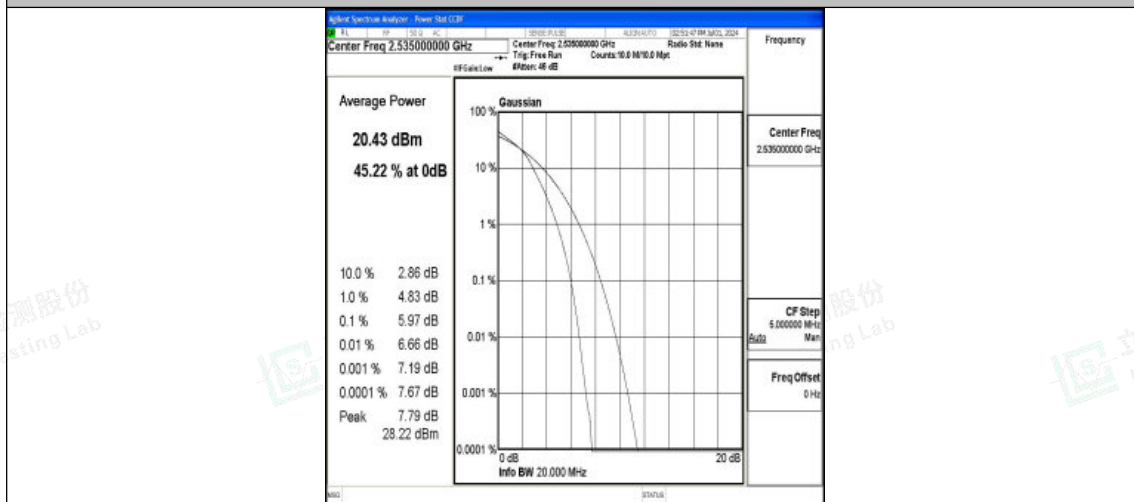




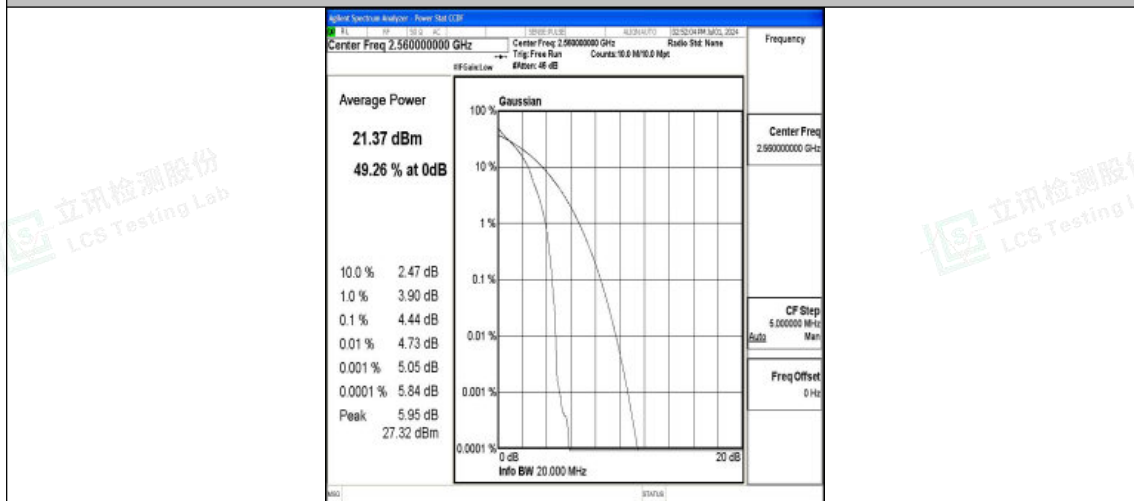




Band7-20MHz-QPSK-21100-100RB#0-PASS

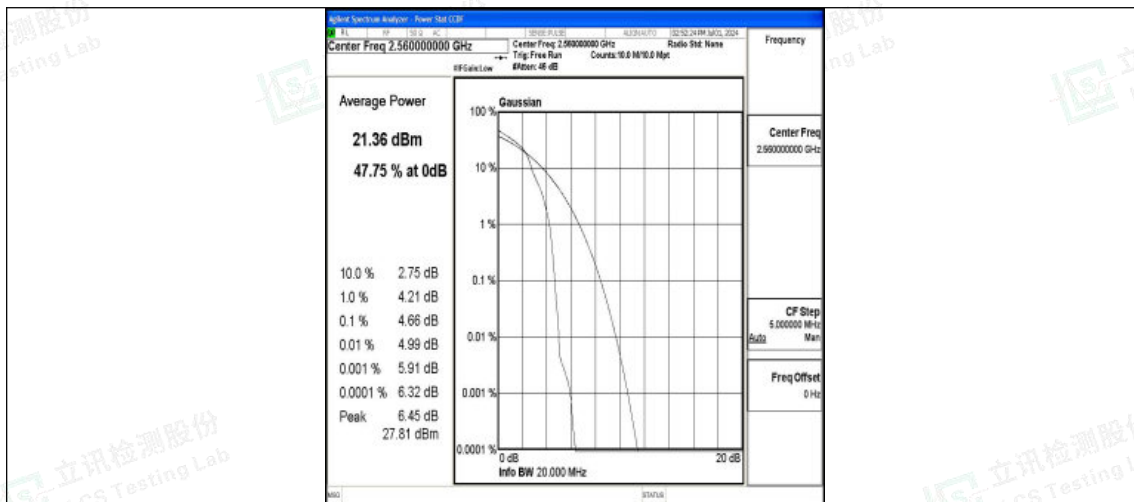


Band7-20MHz-16QAM-21100-100RB#0-PASS

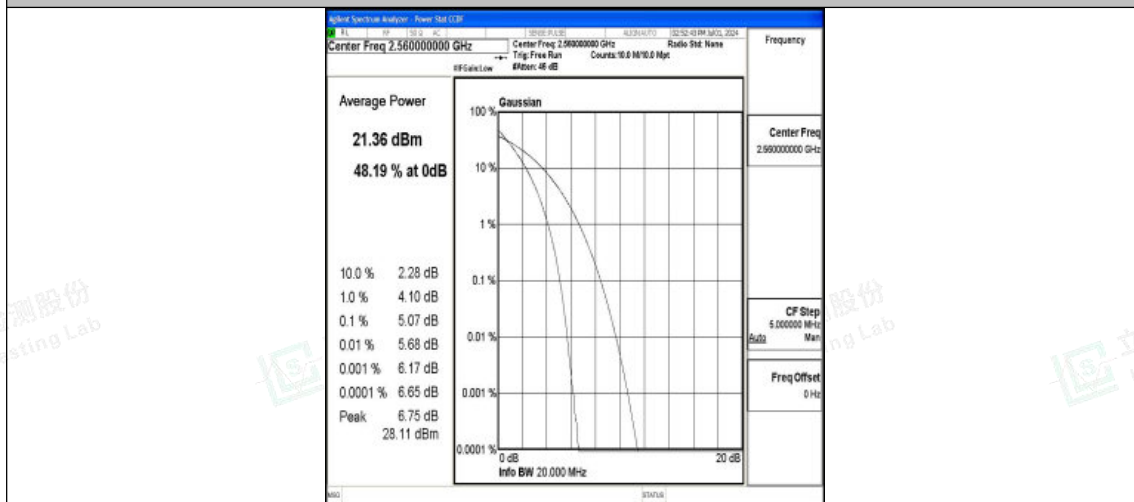


Band7-20MHz-QPSK-21350-1RB#0-PASS

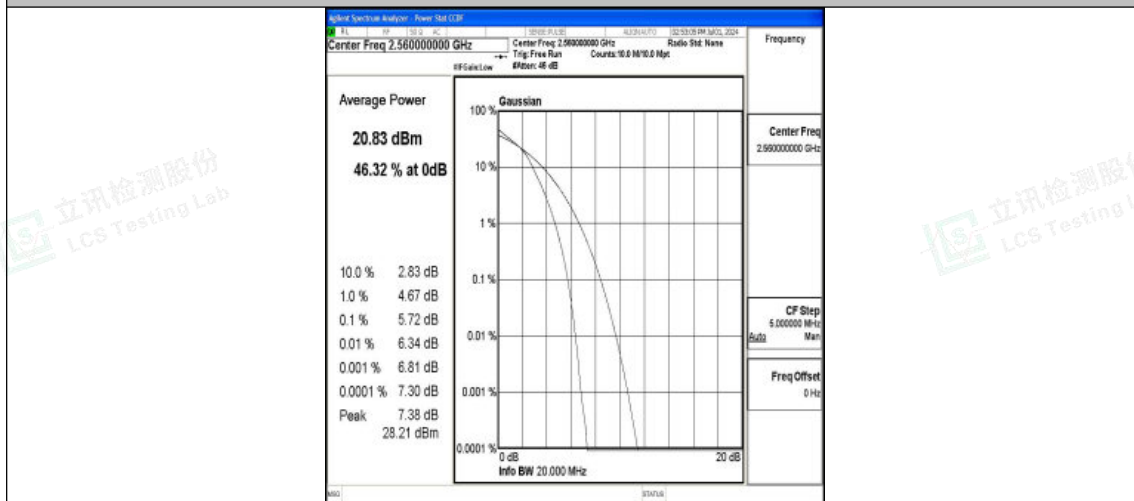




Band7-20MHz-16QAM-21350-1RB#0-PASS



Band7-20MHz-QPSK-21350-100RB#0-PASS



Band7-20MHz-16QAM-21350-100RB#0-PASS





### I.3 26dB Bandwidth and Occupied Bandwidth

#### Test Result

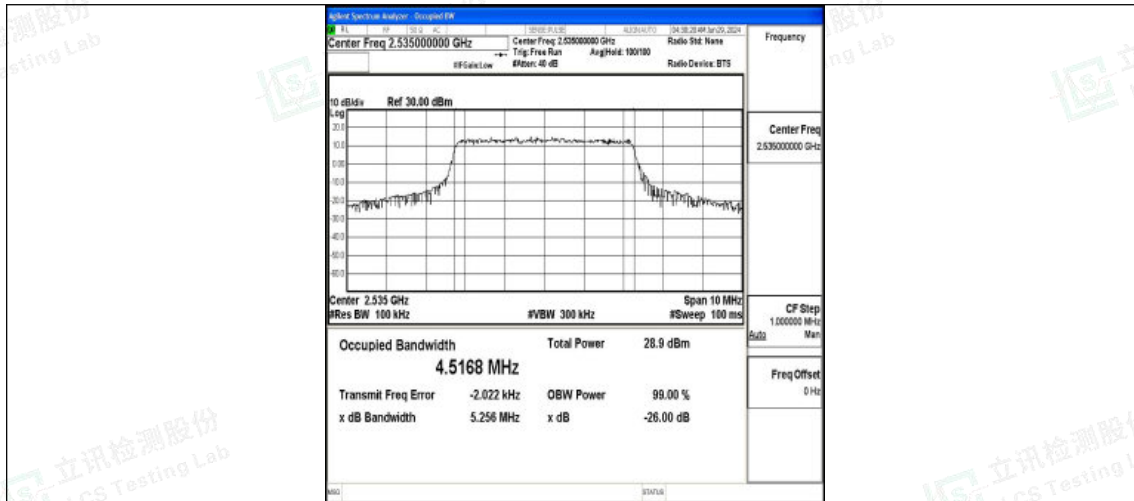
| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 4.5242                   | 5.356                | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 4.5148                   | 5.185                | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 4.5205                   | 5.381                | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | 4.5168                   | 5.256                | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 4.5128                   | 5.071                | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0           | 4.5425                   | 5.376                | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0           | 9.0020                   | 10.22                | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 50RB#0           | 9.0229                   | 10.16                | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 50RB#0           | 9.0062                   | 10.06                | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 50RB#0           | 9.0003                   | 10.12                | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0           | 9.0098                   | 10.32                | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 50RB#0           | 9.0258                   | 10.46                | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 75RB#0           | 13.549                   | 15.40                | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 75RB#0           | 13.529                   | 15.36                | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 75RB#0           | 13.474                   | 15.19                | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 75RB#0           | 13.497                   | 14.86                | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 75RB#0           | 13.498                   | 15.57                | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 75RB#0           | 13.516                   | 14.91                | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0          | 18.021                   | 20.03                | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 100RB#0          | 18.095                   | 20.28                | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 100RB#0          | 17.993                   | 19.95                | PASS    |
| Band7 | 20MHz     | 16QAM      | 21100   | 100RB#0          | 18.005                   | 20.12                | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0          | 18.064                   | 20.09                | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 100RB#0          | 18.028                   | 20.18                | PASS    |



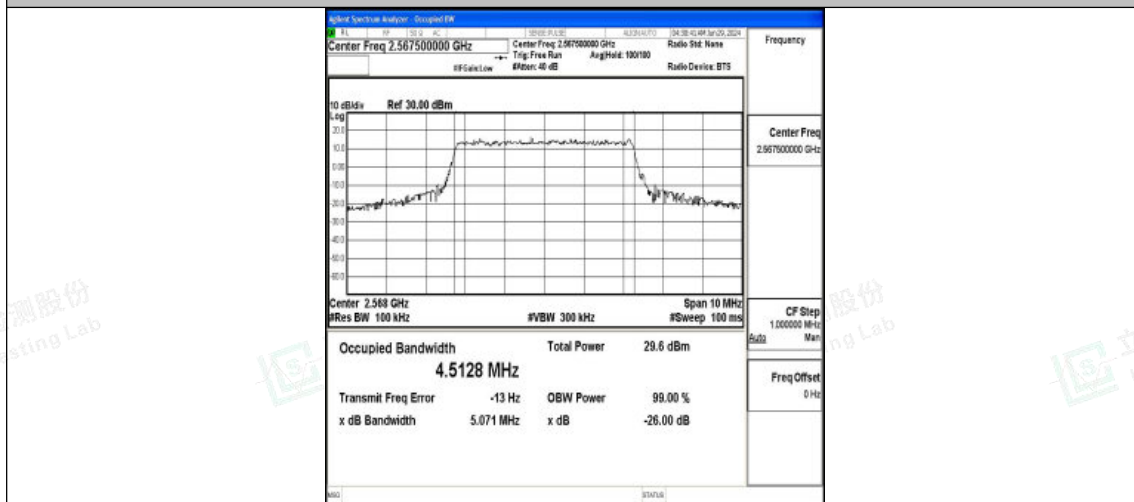


## Test Graphs

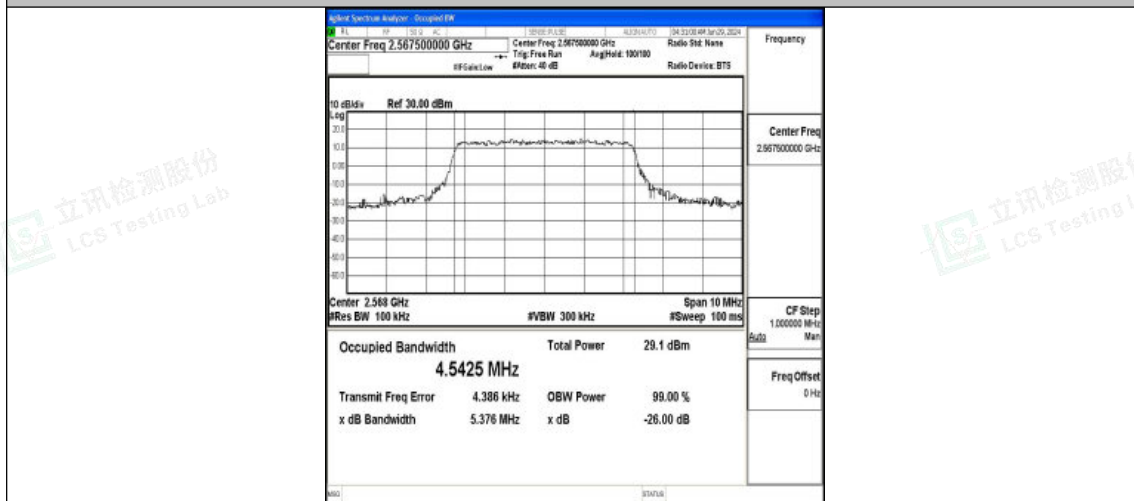




## Band7-5MHz-16QAM-21100-25RB#0-PASS



## Band7-5MHz-QPSK-21425-25RB#0-PASS



## Band7-5MHz-16QAM-21425-25RB#0-PASS

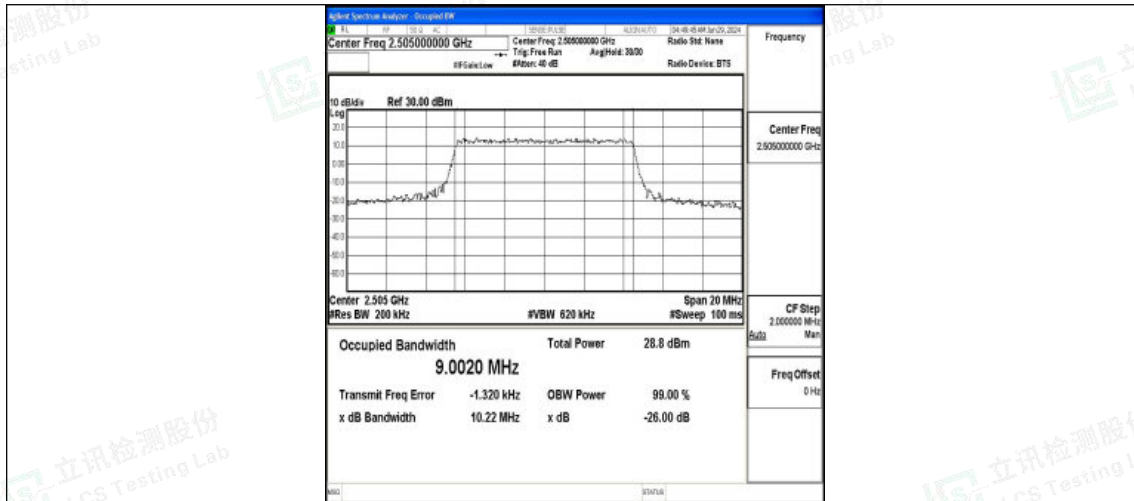


Shenzhen LCS Compliance Testing Laboratory Ltd.

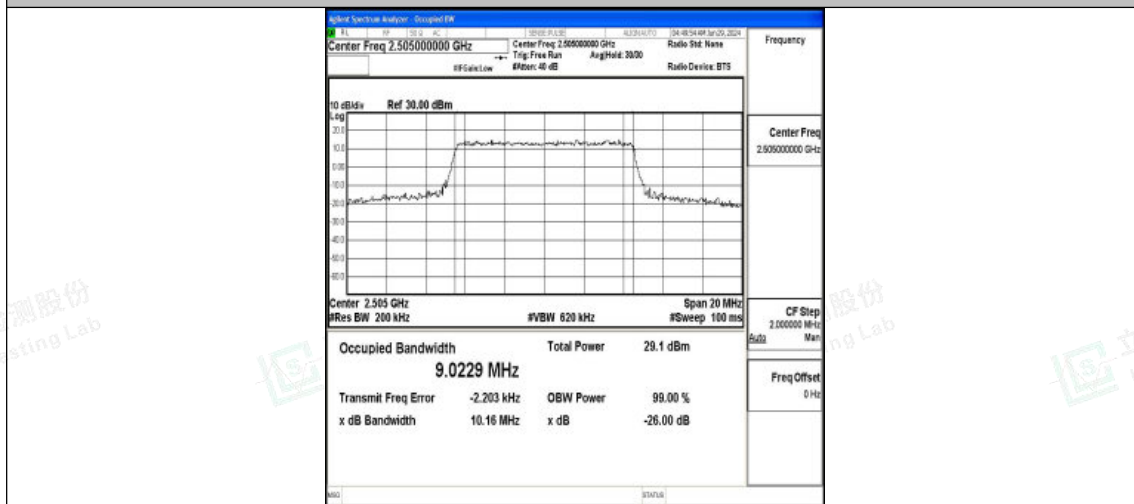
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

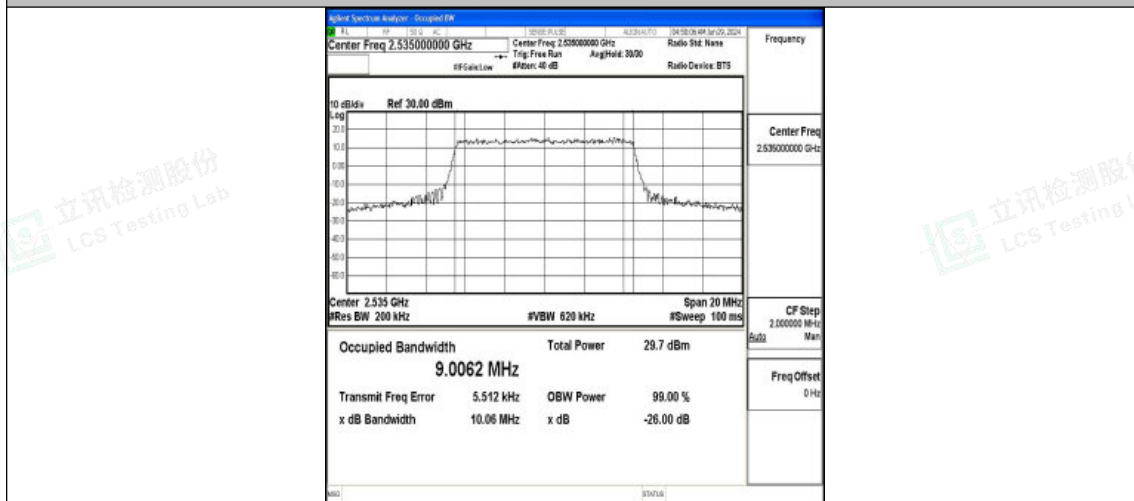
Scan code to check authenticity



## Band7-10MHz-QPSK-20800-50RB#0-PASS

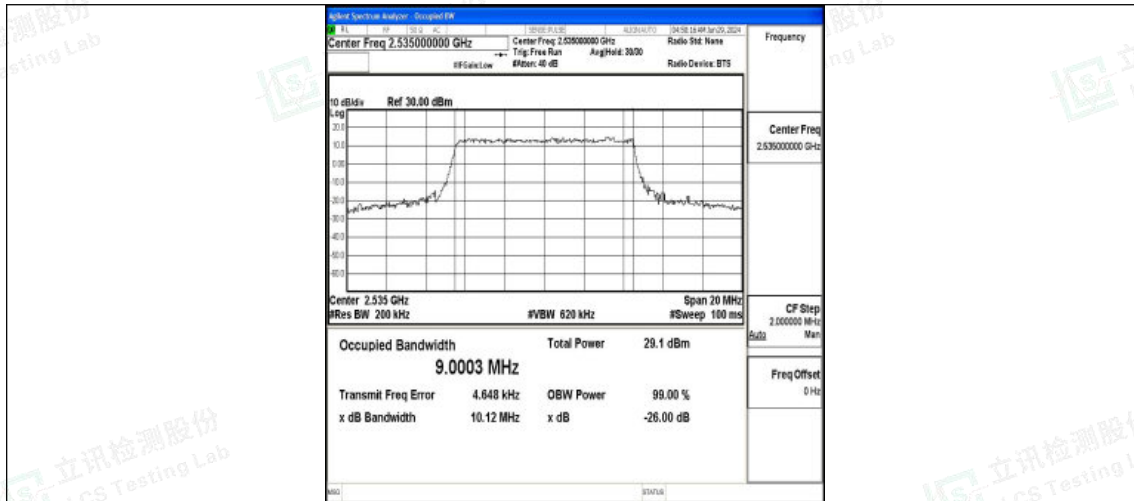


## Band7-10MHz-16QAM-20800-50RB#0-PASS

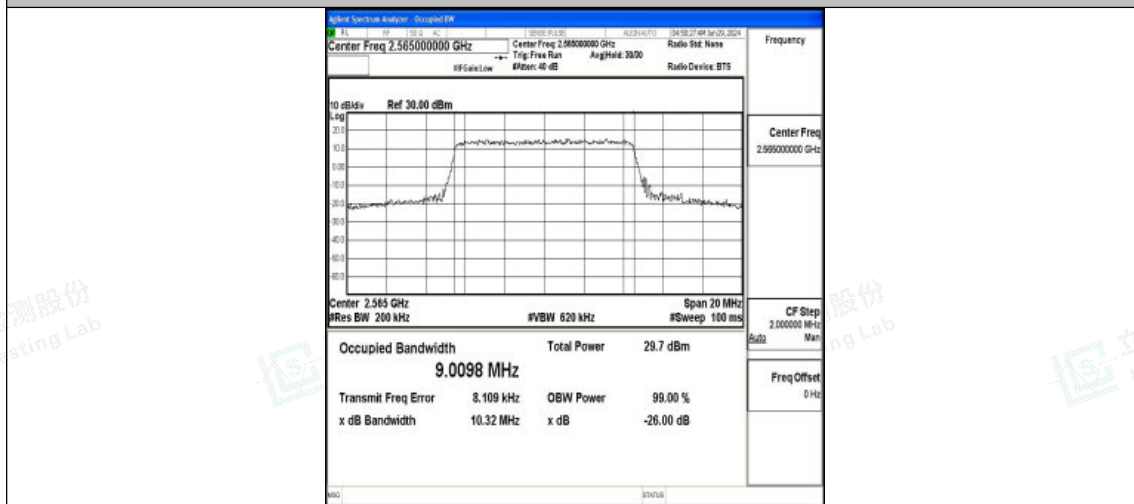


## Band7-10MHz-QPSK-21100-50RB#0-PASS

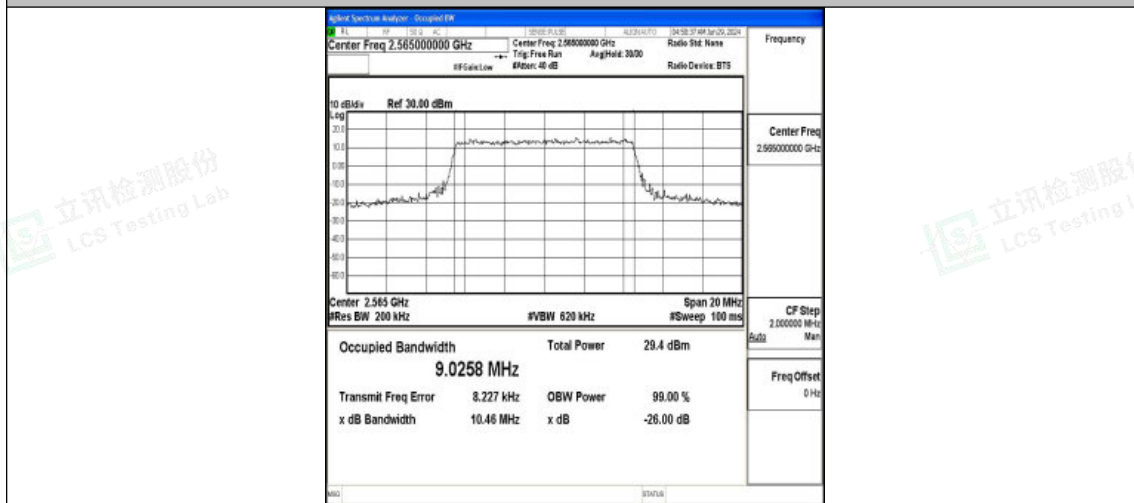




Band7-10MHz-16QAM-21100-50RB#0-PASS

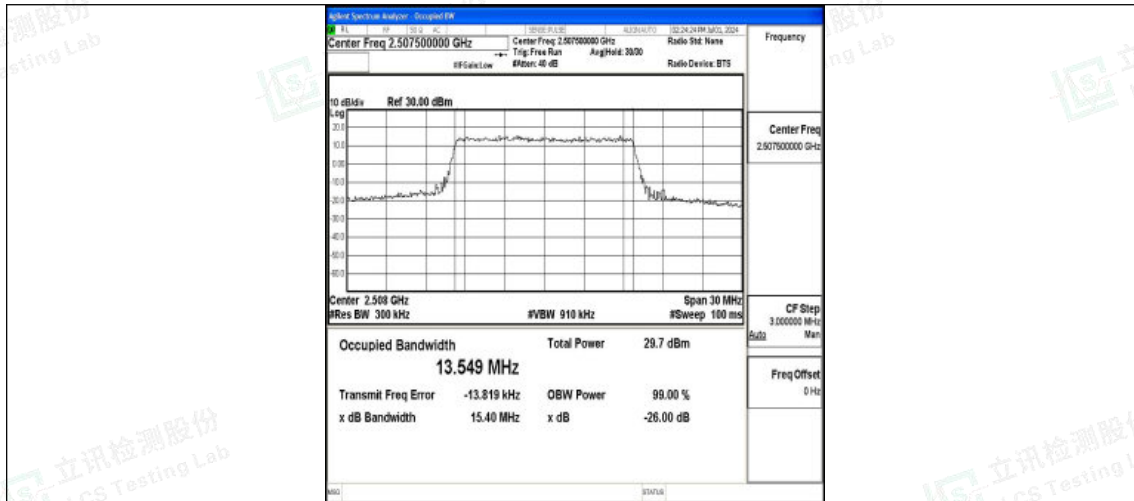


Band7-10MHz-QPSK-21400-50RB#0-PASS

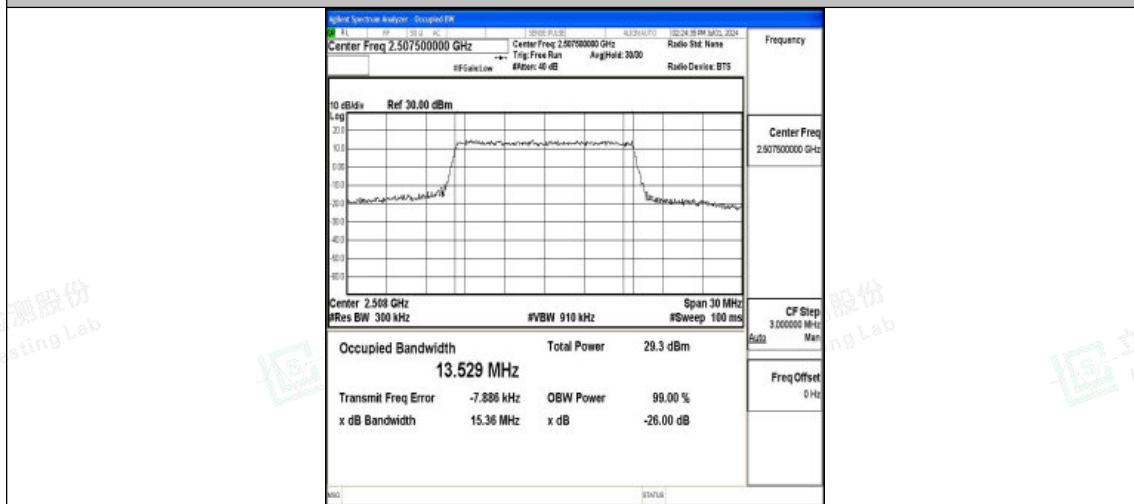


Band7-10MHz-16QAM-21400-50RB#0-PASS

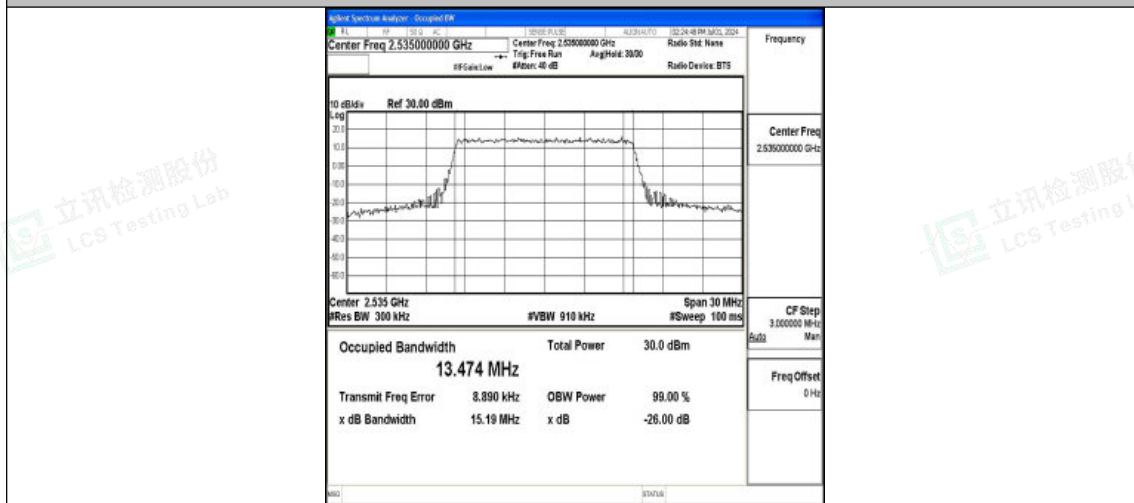




## Band7-15MHz-QPSK-20825-75RB#0-PASS



## Band7-15MHz-16QAM-20825-75RB#0-PASS



## Band7-15MHz-QPSK-21100-75RB#0-PASS

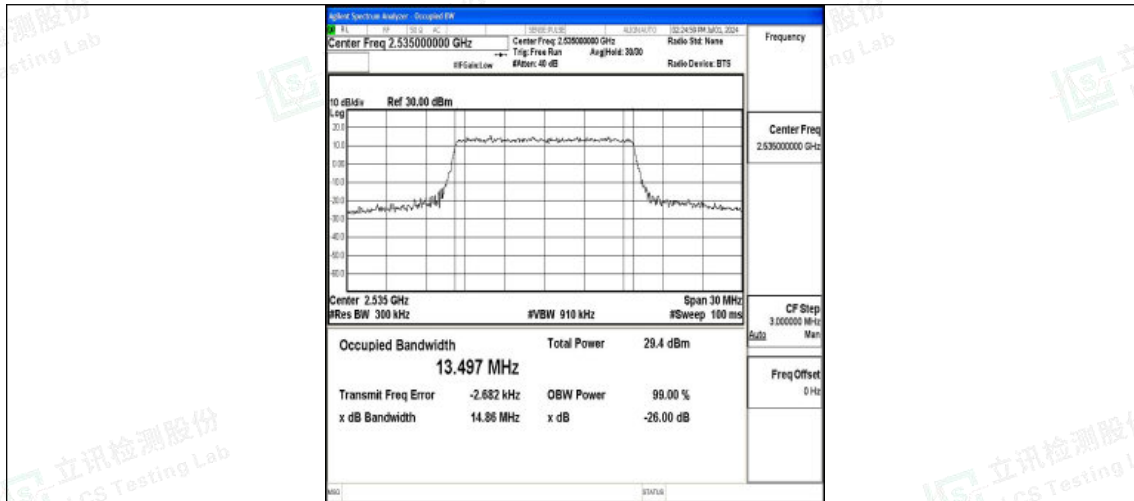


Shenzhen LCS Compliance Testing Laboratory Ltd.

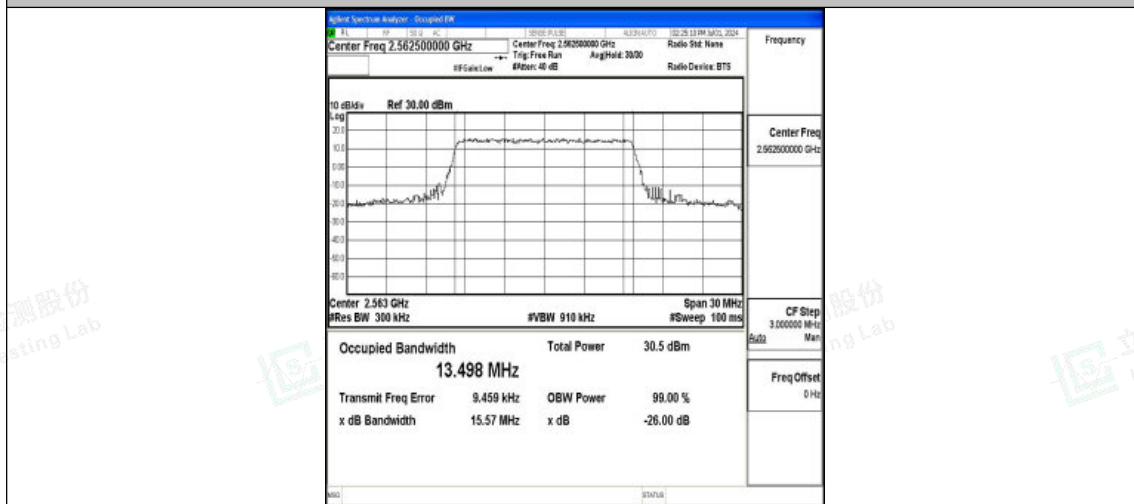
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

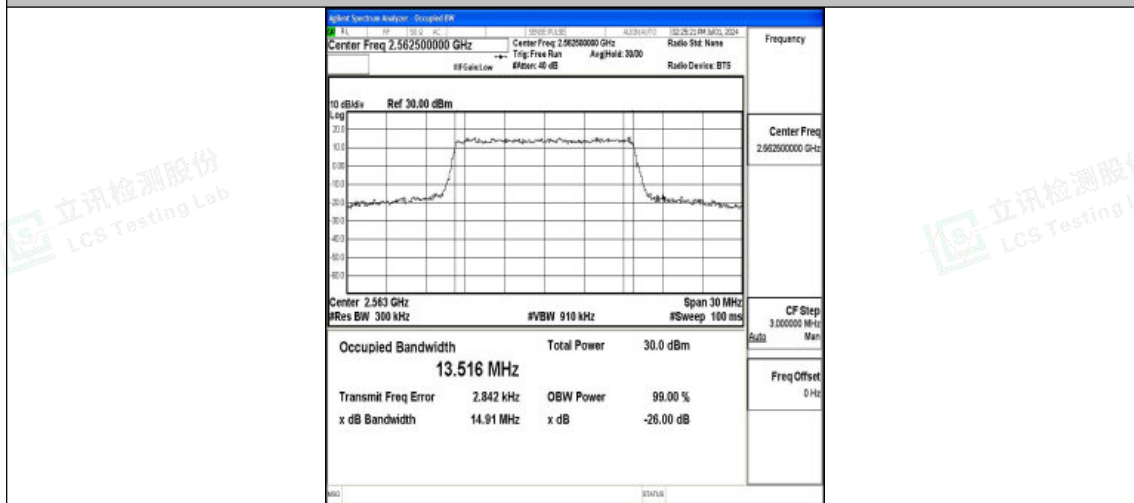
Scan code to check authenticity



Band7-15MHz-16QAM-21100-75RB#0-PASS

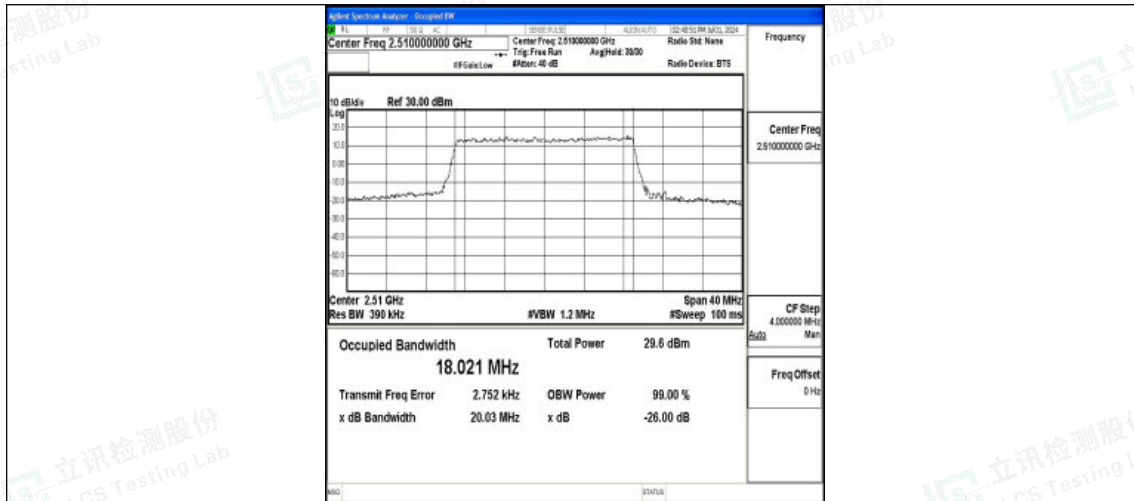


Band7-15MHz-QPSK-21375-75RB#0-PASS

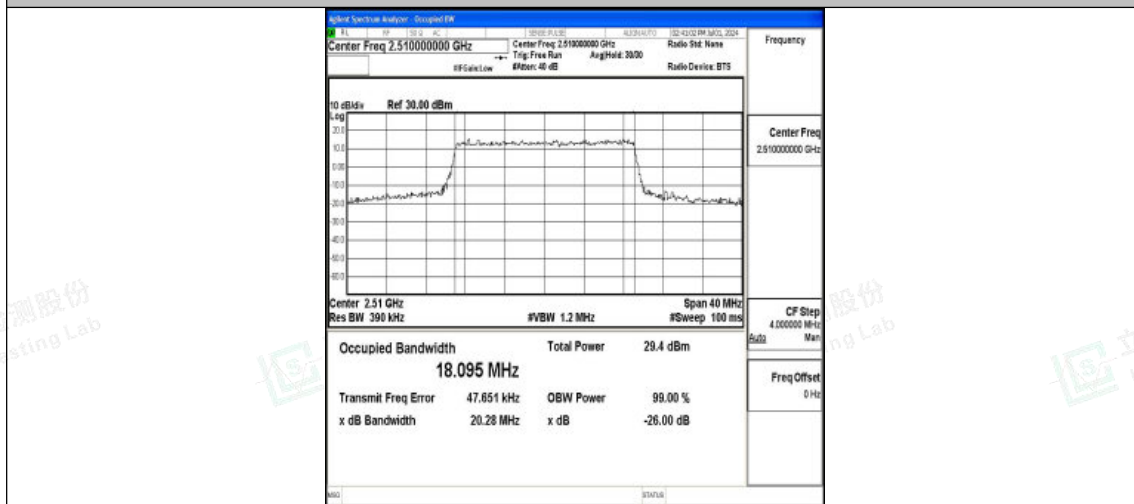


Band7-15MHz-16QAM-21375-75RB#0-PASS

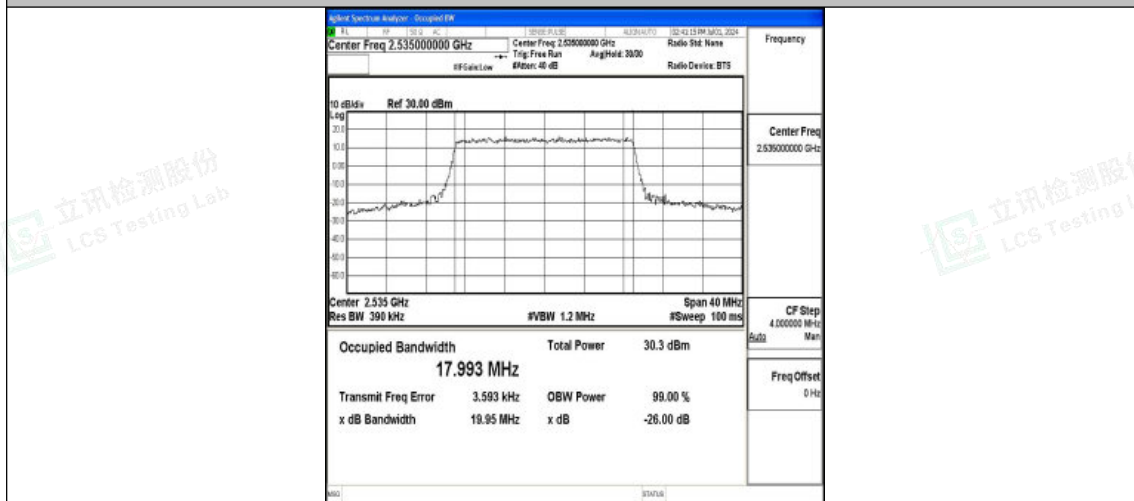




## Band7-20MHz-QPSK-20850-100RB#0-PASS



## Band7-20MHz-16QAM-20850-100RB#0-PASS



## Band7-20MHz-QPSK-21100-100RB#0-PASS

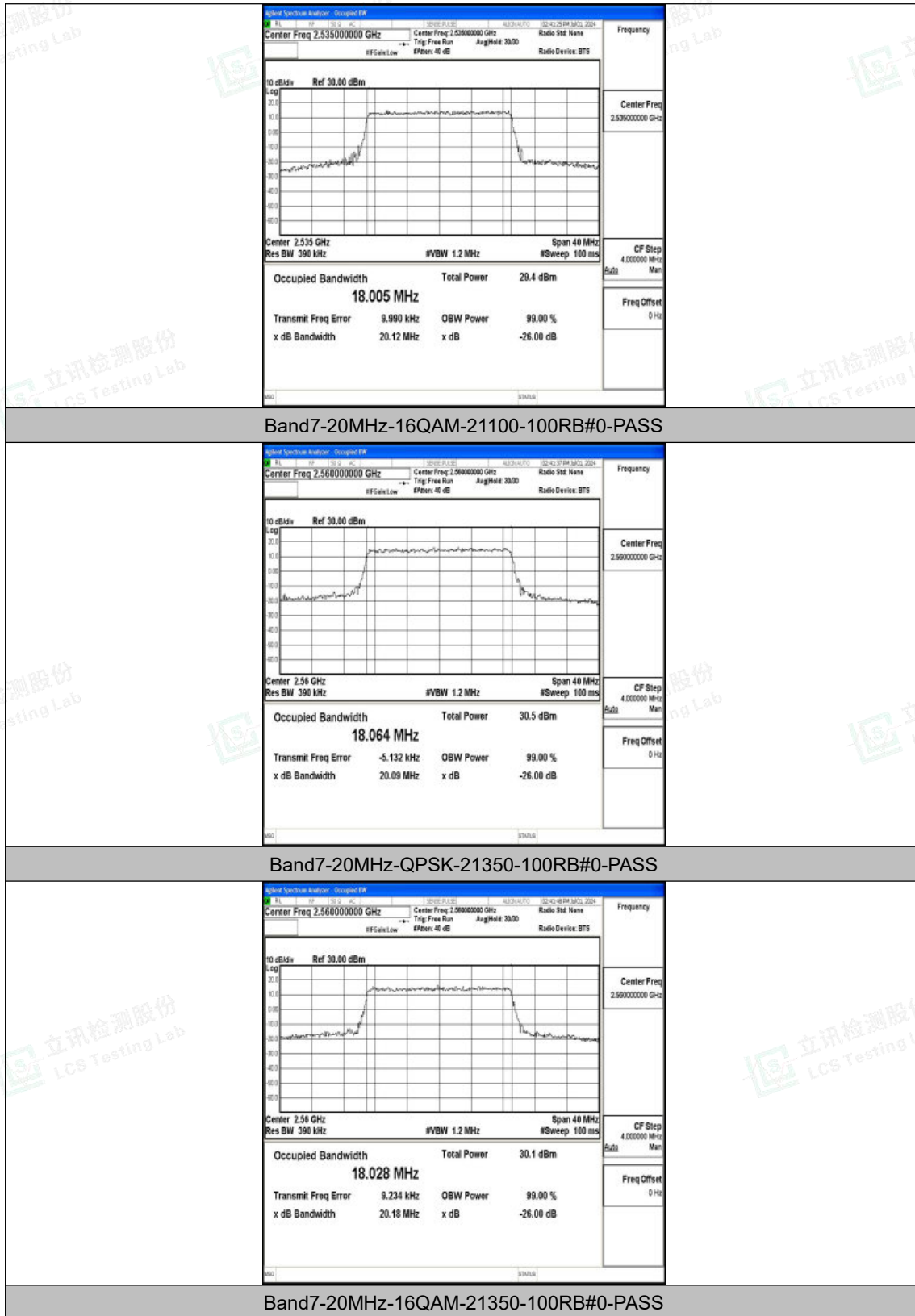


Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

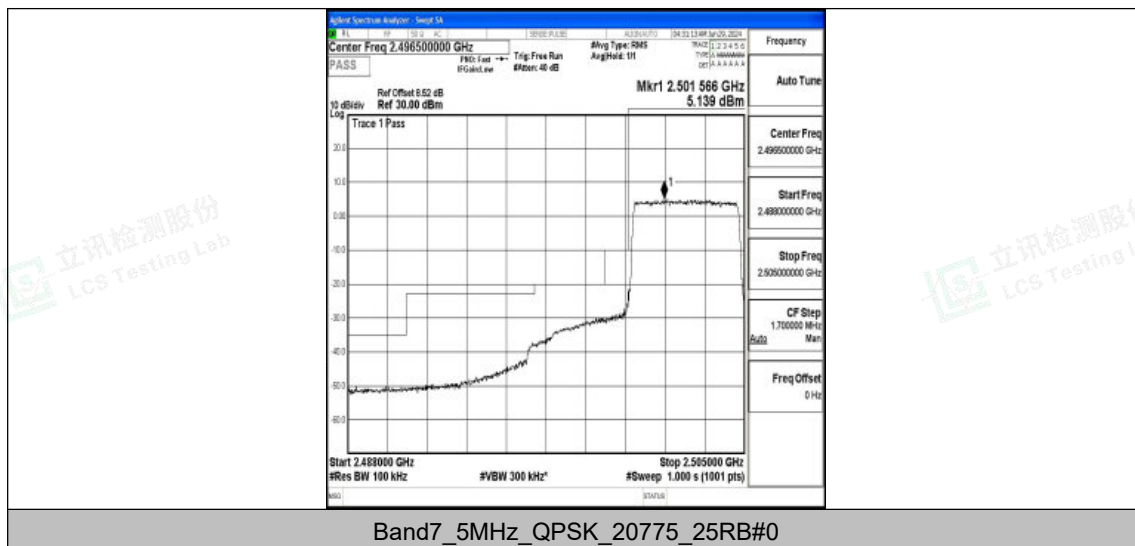


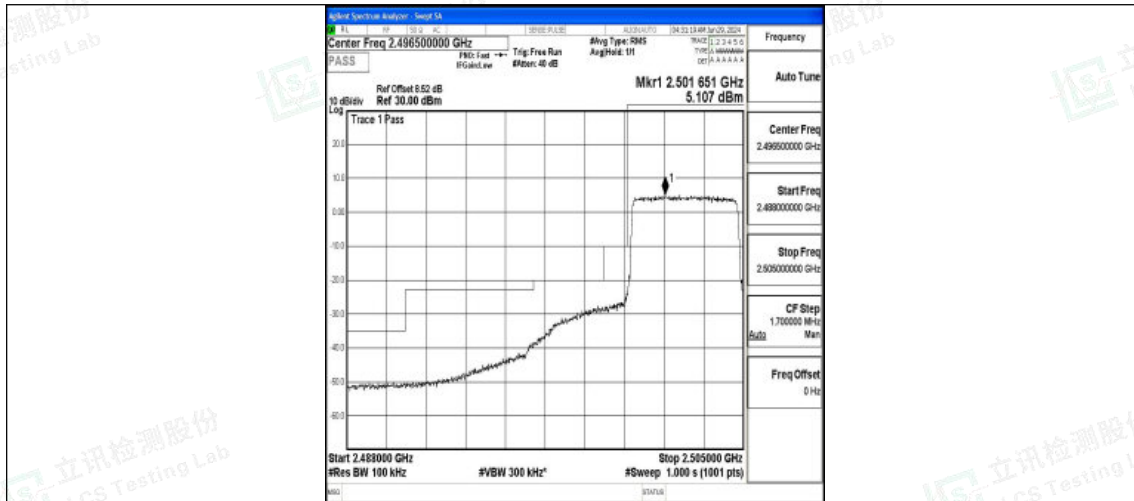
## I.4 Band Edge

### Test Result

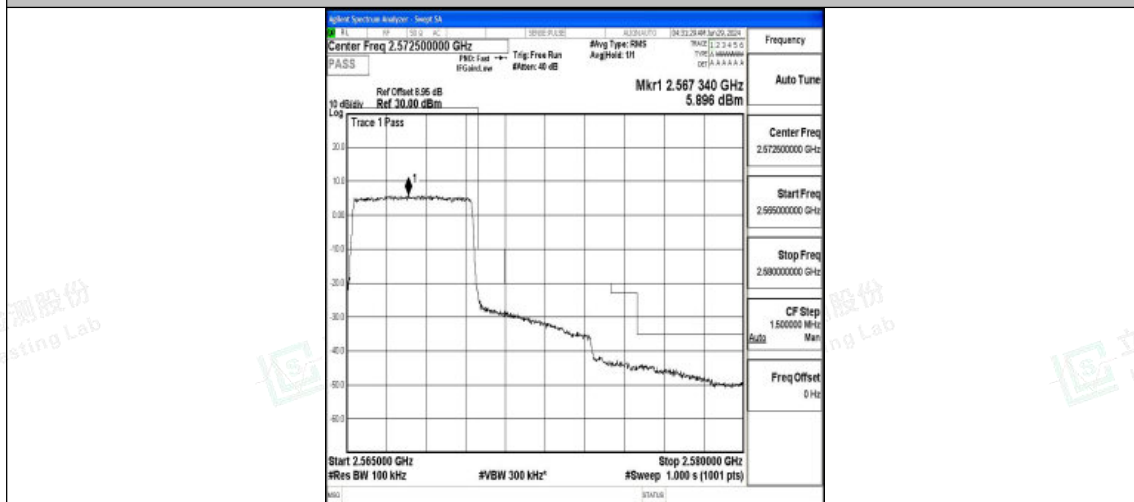
| Band  | Bandwidth | Modulation | Channel | RB Configuration | Peak Frequency | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------|-------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 2498.83        | -29.99      | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 2498.78        | -27.73      | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 2571.06        | -28.68      | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0           | 2571.21        | -28.36      | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0           | 2498.78        | -28.01      | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 50RB#0           | 2498.63        | -26.34      | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0           | 2571.03        | -27.70      | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 50RB#0           | 2580.05        | -41.27      | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 75RB#0           | 2494.77        | -26.48      | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 75RB#0           | 2494.88        | -27.12      | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 75RB#0           | 2585.14        | -40.41      | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 75RB#0           | 2585.10        | -39.73      | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0          | 2494.71        | -27.40      | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 100RB#0          | 2494.94        | -26.48      | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0          | 2575.79        | -29.64      | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 100RB#0          | 2590.05        | -41.93      | PASS    |

### Test Graphs

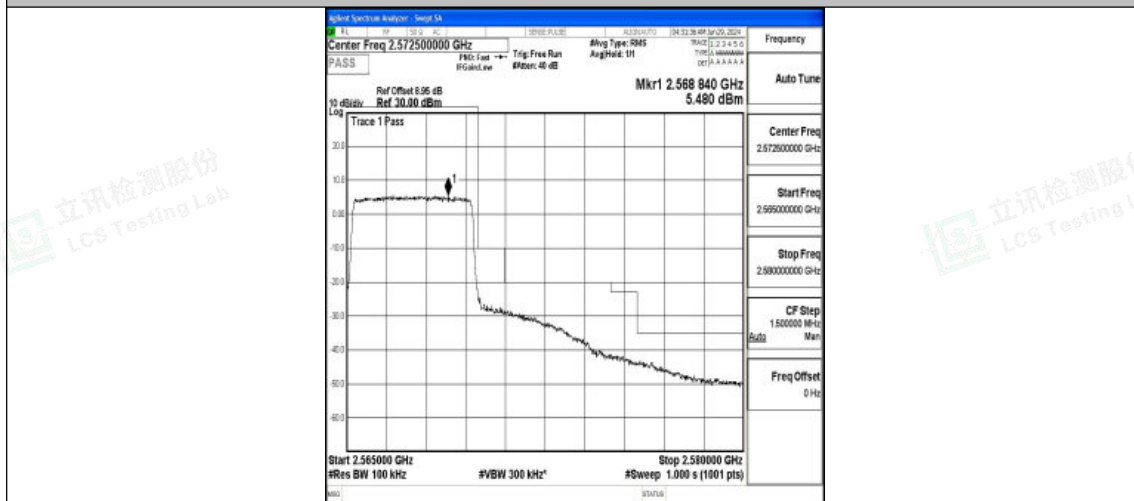




Band7\_5MHz\_16QAM\_20775\_25RB#0



Band7\_5MHz\_QPSK\_21425\_25RB#0



Band7\_5MHz\_16QAM\_21425\_25RB#0

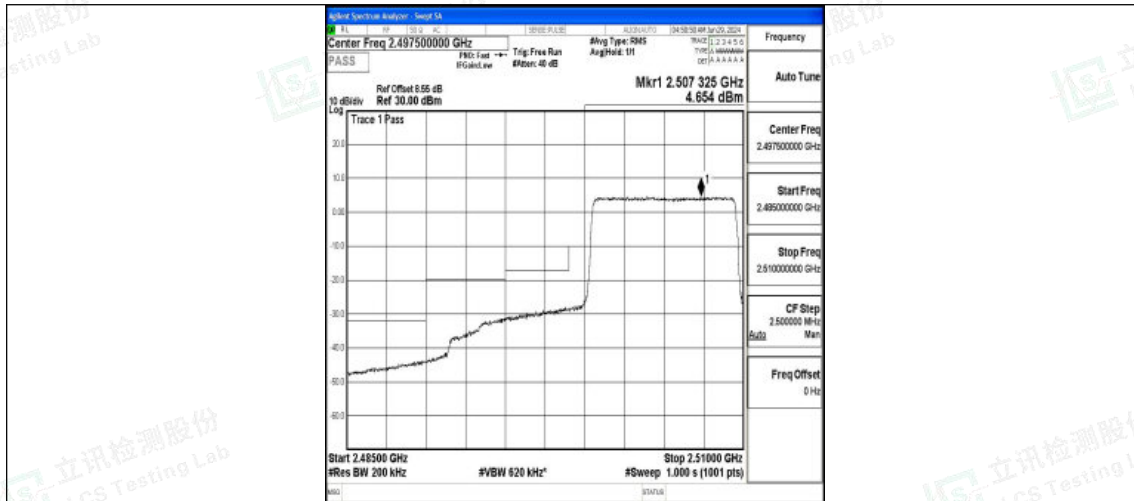


Shenzhen LCS Compliance Testing Laboratory Ltd.

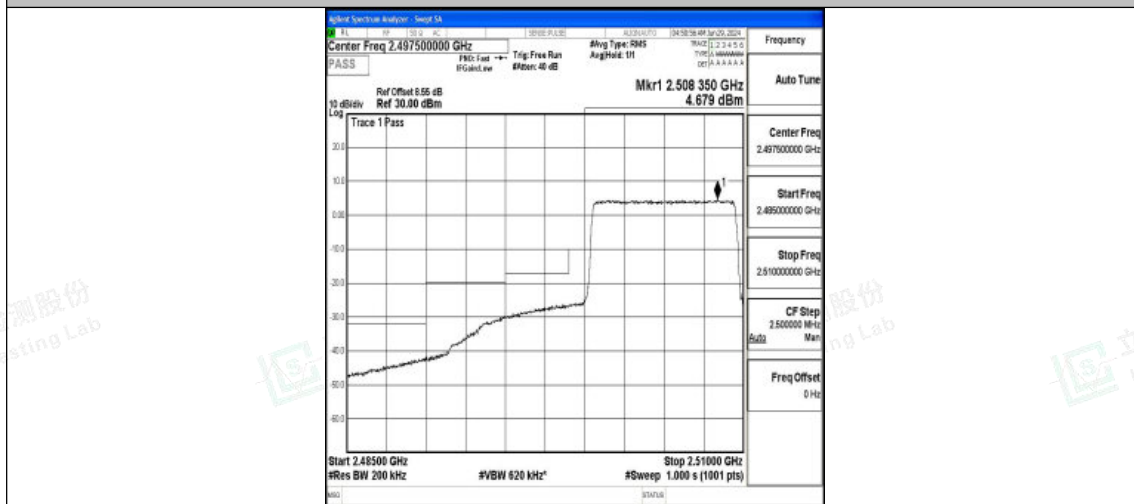
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

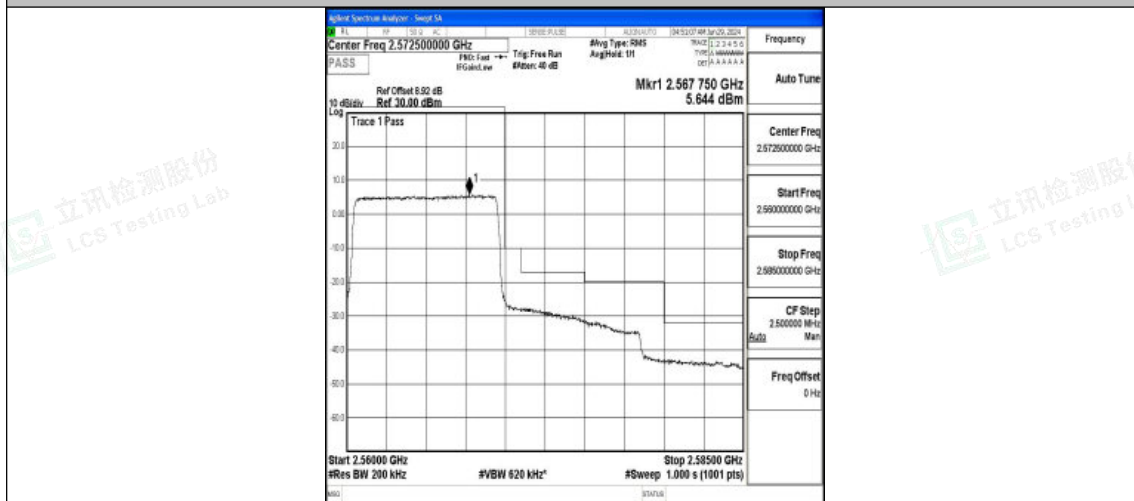
Scan code to check authenticity



Band7\_10MHz\_QPSK\_20800\_50RB#0

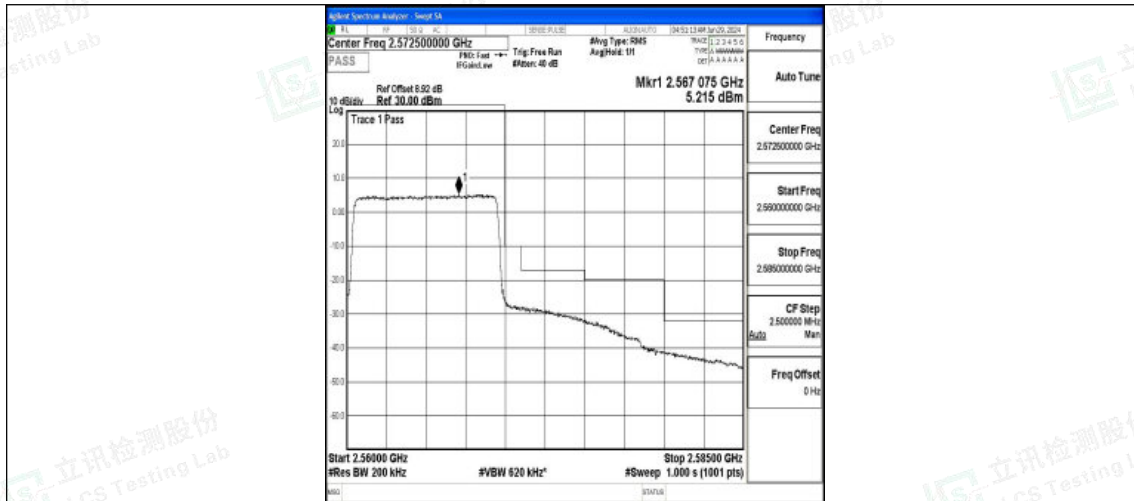


Band7\_10MHz\_16QAM\_20800\_50RB#0

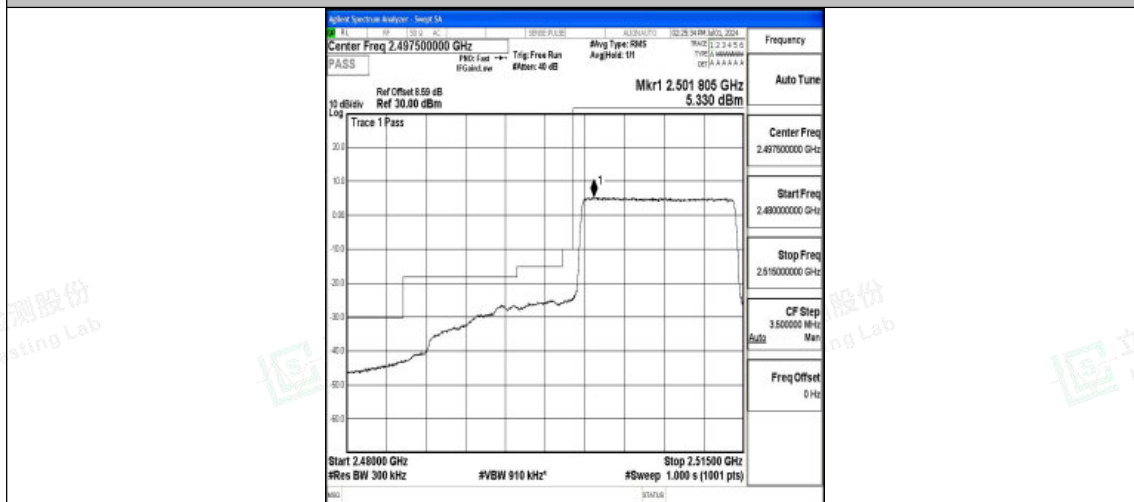


Band7\_10MHz\_QPSK\_21400\_50RB#0

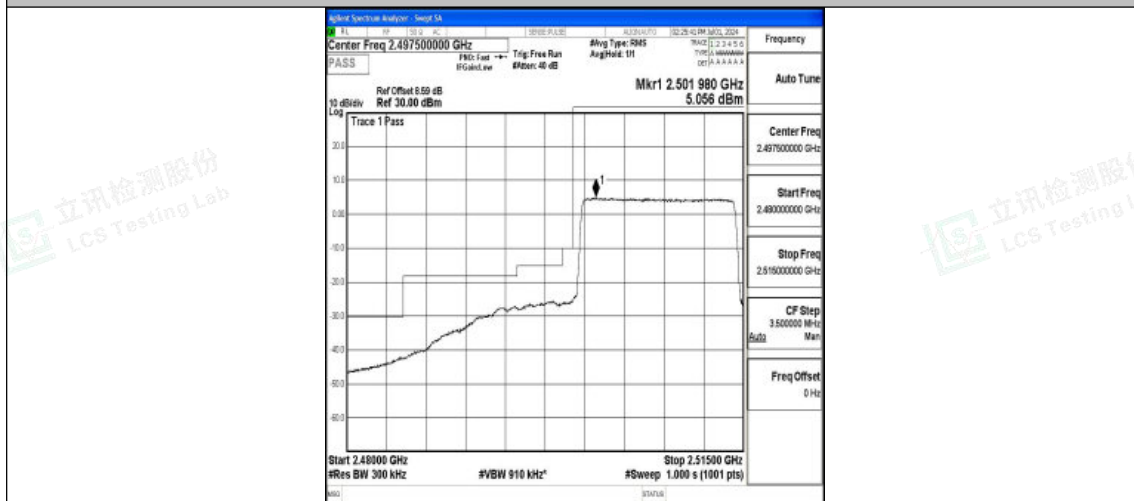




Band7\_10MHz\_16QAM\_21400\_50RB#0

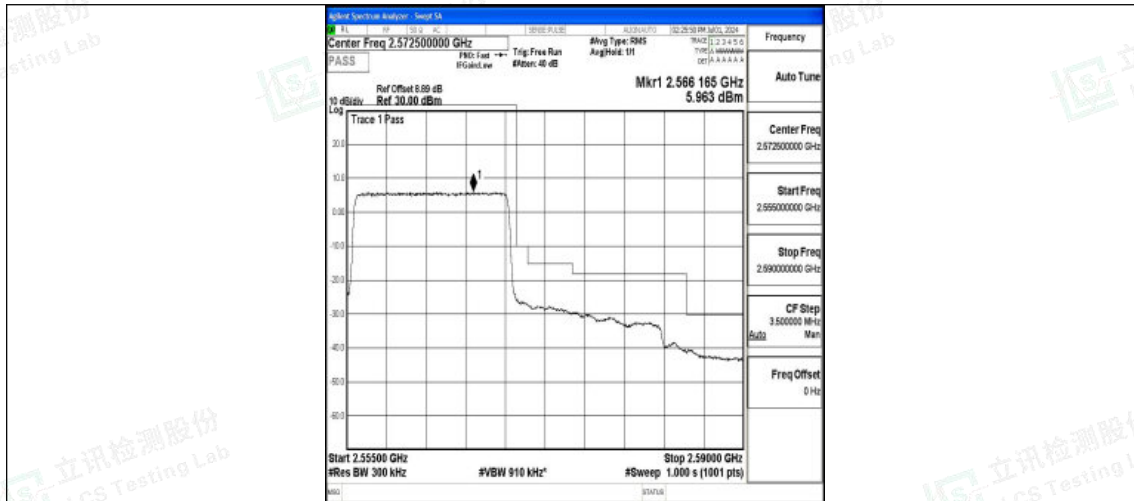


Band7\_15MHz\_QPSK\_20825\_75RB#0

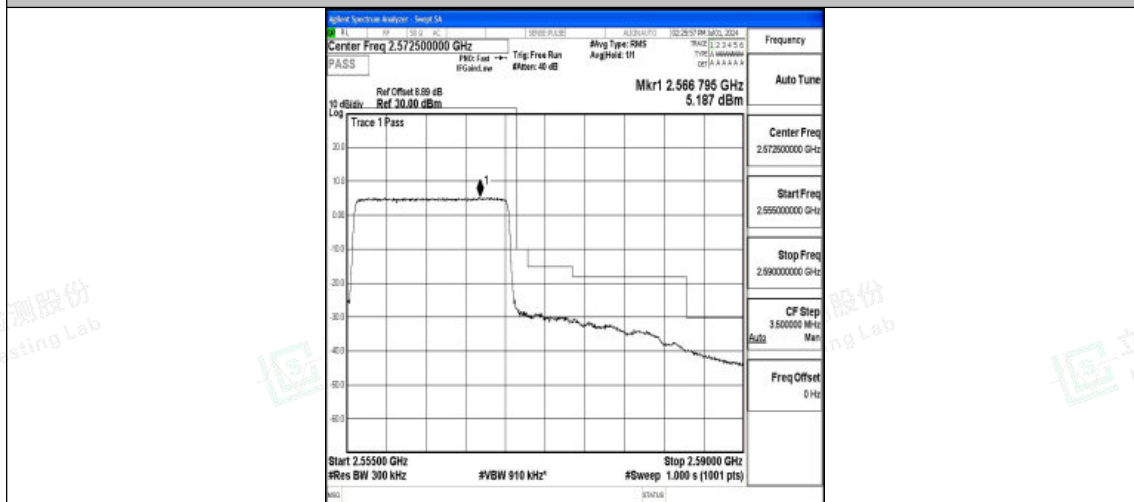


Band7\_15MHz\_16QAM\_20825\_75RB#0

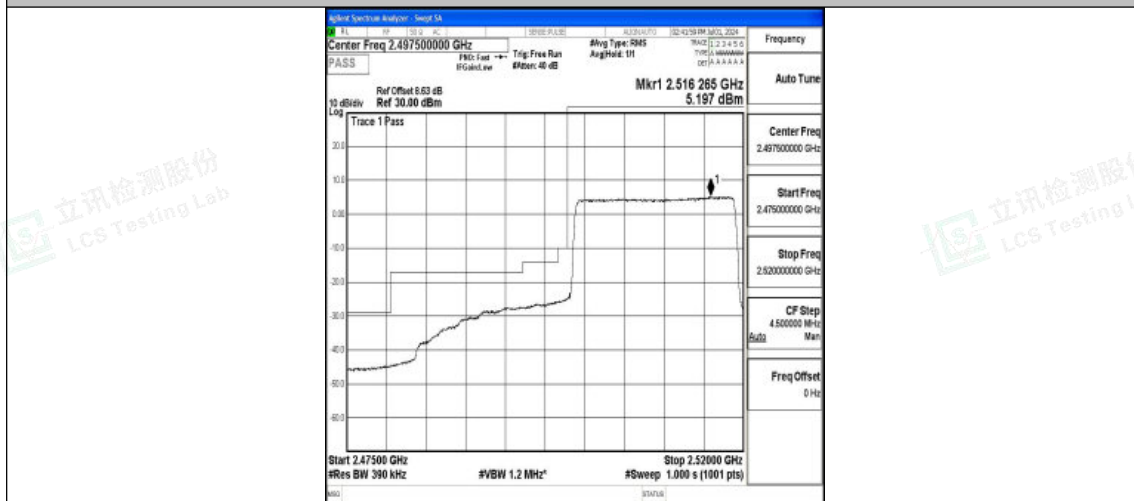




Band7\_15MHz\_QPSK\_21375\_75RB#0

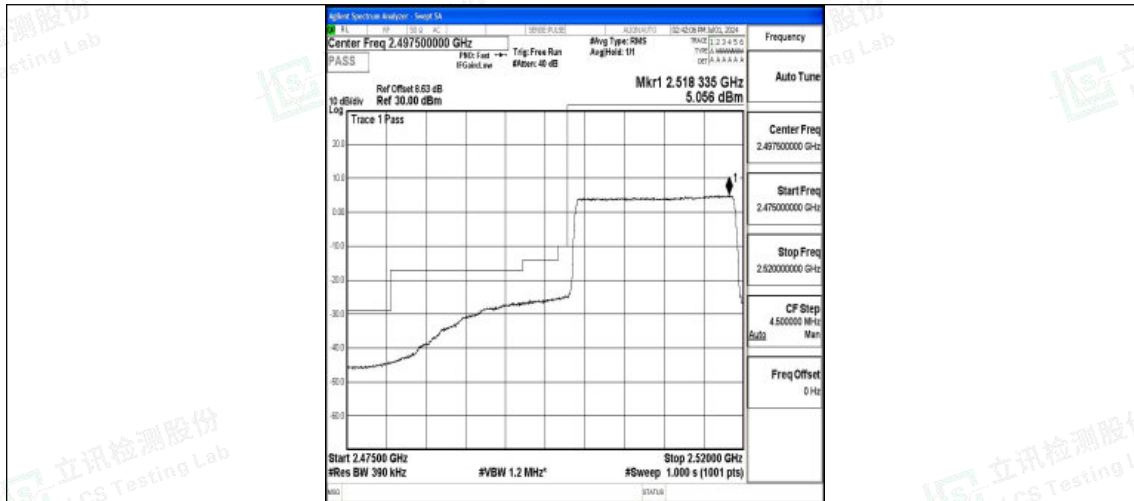


Band7\_15MHz\_16QAM\_21375\_75RB#0

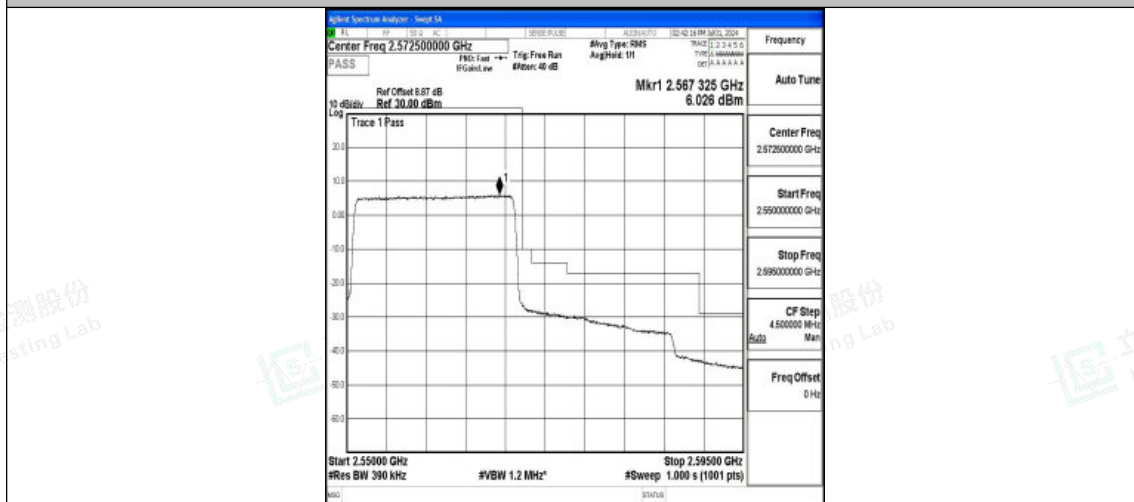


Band7\_20MHz\_QPSK\_20850\_100RB#0

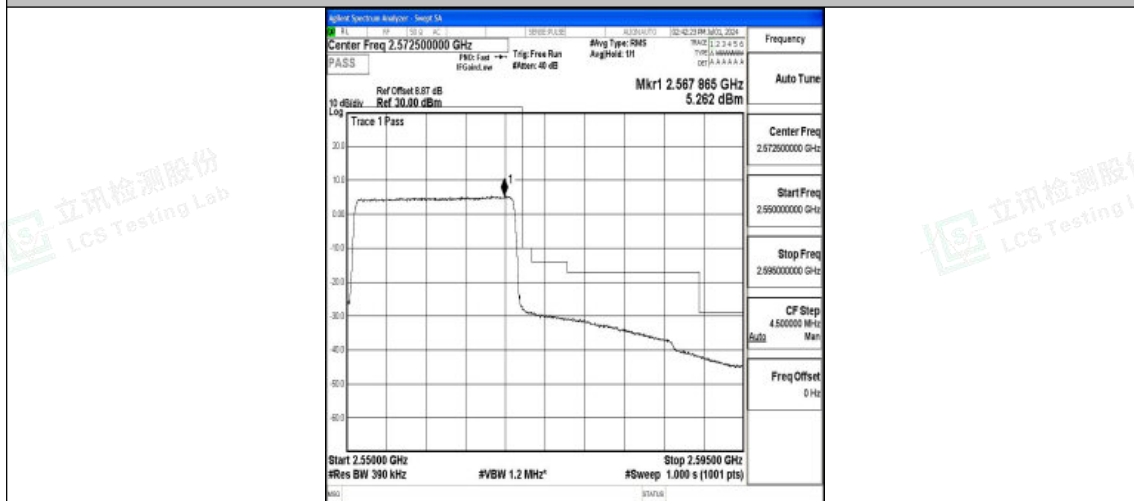




Band7\_20MHz\_16QAM\_20850\_100RB#0



Band7\_20MHz\_QPSK\_21350\_100RB#0



Band7\_20MHz\_16QAM\_21350\_100RB#0





## I.5 Conducted Spurious Emission

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-----------------|--------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 0.009~0.15      | -66.98       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 0.15~30         | -60.36       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 30~1000         | -62.11       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 1000~20000      | -32.78       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 20000~27000     | -34.92       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 0.009~0.15      | -66.83       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 0.15~30         | -60.66       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 30~1000         | -61.96       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 1000~20000      | -33.12       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 20000~27000     | -35.25       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 0.009~0.15      | -65.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 0.15~30         | -61.40       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 30~1000         | -62.14       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 1000~20000      | -33.22       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 20000~27000     | -35.02       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 0.009~0.15      | -67.37       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 0.15~30         | -61.59       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 30~1000         | -62.05       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 1000~20000      | -33.24       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 20000~27000     | -35.47       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 0.009~0.15      | -67.12       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 0.15~30         | -62.66       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 30~1000         | -62.23       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 1000~20000      | -33.11       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 20000~27000     | -35.43       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 0.009~0.15      | -67.08       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 0.15~30         | -62.21       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 30~1000         | -62.12       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 1000~20000      | -32.93       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 20000~27000     | -35.35       | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | 0.009~0.15      | -65.17       | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | 0.15~30         | -63.43       | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | 30~1000         | -62.29       | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | 1000~20000      | -33.03       | PASS    |



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



|       |       |       |       |       |             |        |      |
|-------|-------|-------|-------|-------|-------------|--------|------|
| Band7 | 10MHz | QPSK  | 20800 | 1RB#0 | 20000~27000 | -35.22 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 0.009~0.15  | -69.19 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 0.15~30     | -62.94 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 30~1000     | -62.16 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 1000~20000  | -33.51 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 20000~27000 | -35.37 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0 | 0.009~0.15  | -69.42 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0 | 0.15~30     | -61.87 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0 | 30~1000     | -62.10 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0 | 1000~20000  | -33.37 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0 | 20000~27000 | -35.44 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 0.009~0.15  | -68.37 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 0.15~30     | -62.75 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 30~1000     | -62.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 1000~20000  | -33.17 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 20000~27000 | -35.37 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0 | 0.009~0.15  | -64.66 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0 | 0.15~30     | -61.88 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0 | 30~1000     | -62.20 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0 | 1000~20000  | -33.29 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0 | 20000~27000 | -35.38 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 0.009~0.15  | -66.89 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 0.15~30     | -62.35 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 30~1000     | -62.28 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 1000~20000  | -33.44 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 20000~27000 | -35.18 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0 | 0.009~0.15  | -68.48 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0 | 0.15~30     | -62.15 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0 | 30~1000     | -62.25 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0 | 1000~20000  | -33.32 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0 | 20000~27000 | -35.32 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 0.009~0.15  | -67.20 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 0.15~30     | -62.38 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 30~1000     | -62.22 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 1000~20000  | -33.18 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 20000~27000 | -35.11 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0 | 0.009~0.15  | -66.20 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0 | 0.15~30     | -62.57 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0 | 30~1000     | -62.35 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0 | 1000~20000  | -33.53 | PASS |



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



|       |       |       |       |       |             |        |      |
|-------|-------|-------|-------|-------|-------------|--------|------|
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0 | 20000~27000 | -35.34 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 0.009~0.15  | -66.86 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 0.15~30     | -61.60 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 30~1000     | -62.20 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 1000~20000  | -33.33 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 20000~27000 | -35.45 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0 | 0.009~0.15  | -67.59 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0 | 0.15~30     | -61.70 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0 | 30~1000     | -62.02 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0 | 1000~20000  | -33.02 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0 | 20000~27000 | -35.02 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 0.009~0.15  | -66.24 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 0.15~30     | -64.28 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 30~1000     | -62.12 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 1000~20000  | -33.01 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 20000~27000 | -35.27 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0 | 0.009~0.15  | -67.36 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0 | 0.15~30     | -61.62 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0 | 30~1000     | -62.14 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0 | 1000~20000  | -32.82 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0 | 20000~27000 | -35.58 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 0.009~0.15  | -69.61 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 0.15~30     | -62.09 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 30~1000     | -62.13 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 1000~20000  | -33.23 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 20000~27000 | -35.27 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0 | 0.009~0.15  | -68.26 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0 | 0.15~30     | -60.47 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0 | 30~1000     | -61.64 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0 | 1000~20000  | -32.96 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0 | 20000~27000 | -35.33 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 0.009~0.15  | -65.01 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 0.15~30     | -61.54 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 30~1000     | -61.97 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 1000~20000  | -33.26 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 20000~27000 | -35.24 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0 | 0.009~0.15  | -66.67 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0 | 0.15~30     | -61.01 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0 | 30~1000     | -62.16 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0 | 1000~20000  | -33.19 | PASS |



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

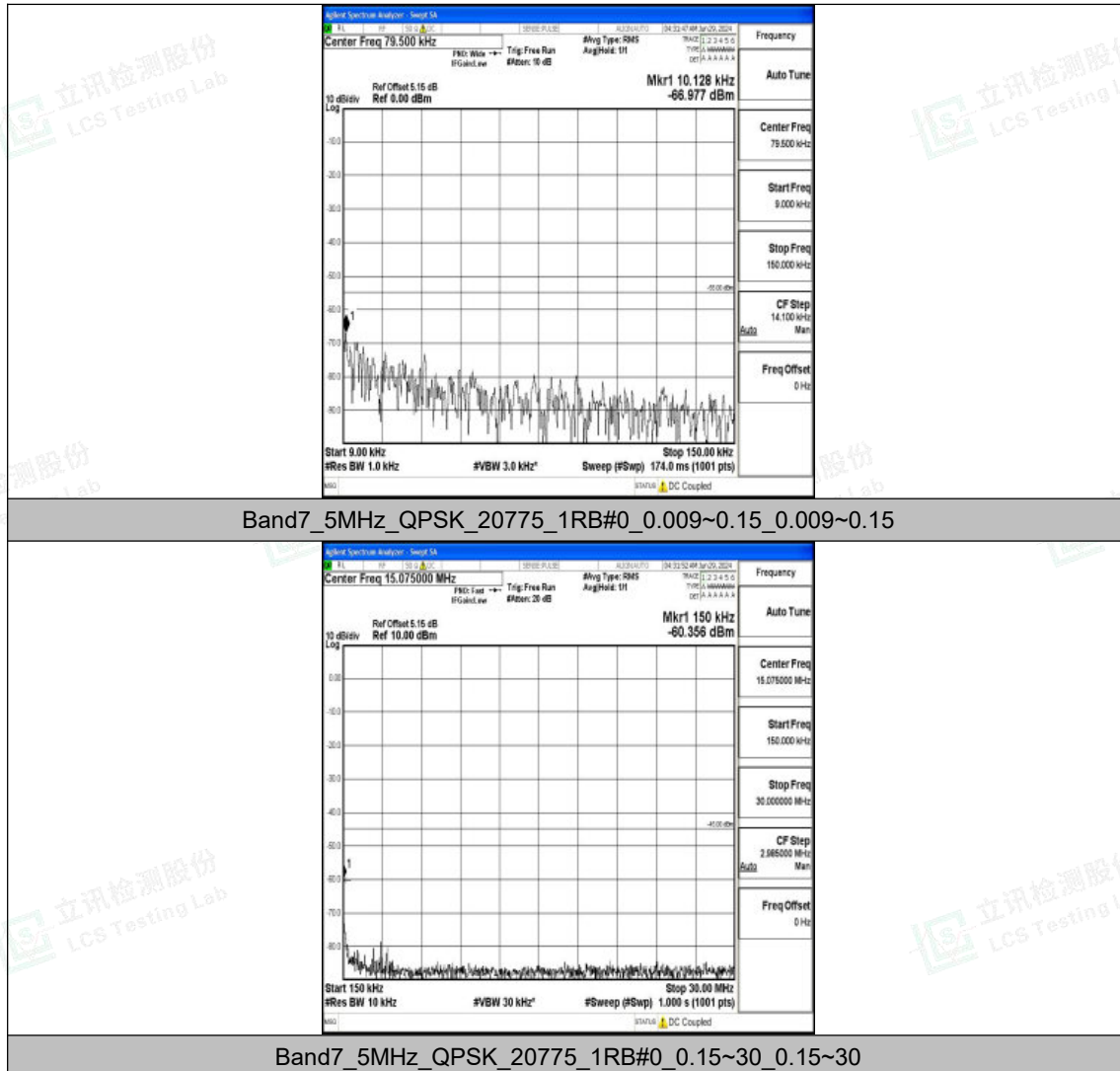
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

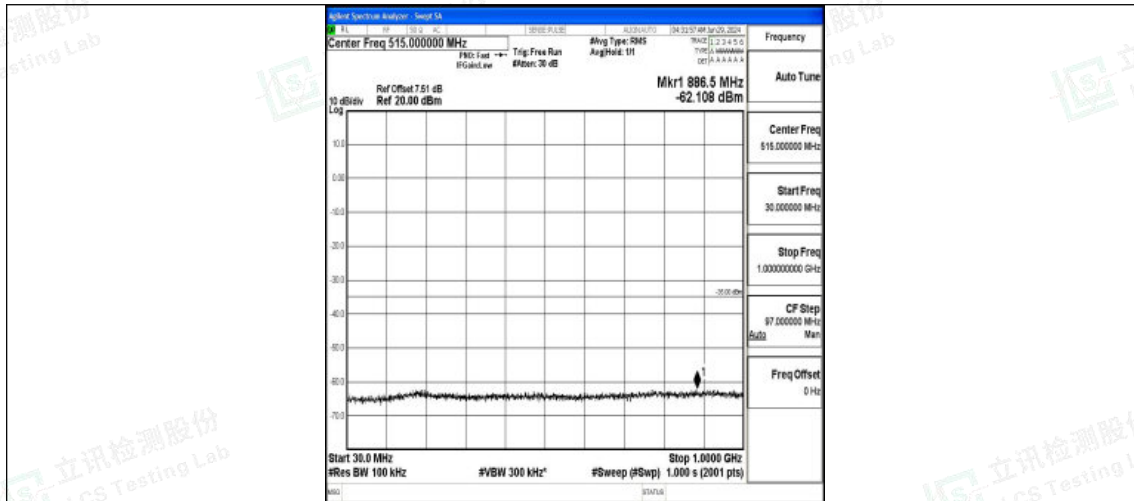
Scan code to check authenticity



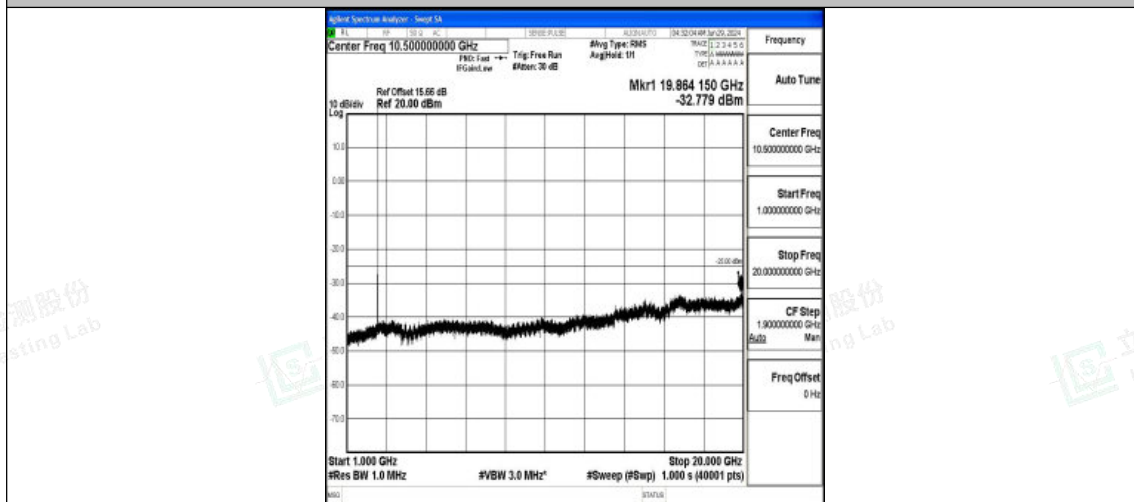
|       |       |       |       |       |             |        |      |
|-------|-------|-------|-------|-------|-------------|--------|------|
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0 | 20000~27000 | -35.28 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 0.009~0.15  | -67.80 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 0.15~30     | -61.83 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 30~1000     | -61.98 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 1000~20000  | -33.35 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 20000~27000 | -35.14 | PASS |

## Test Graphs

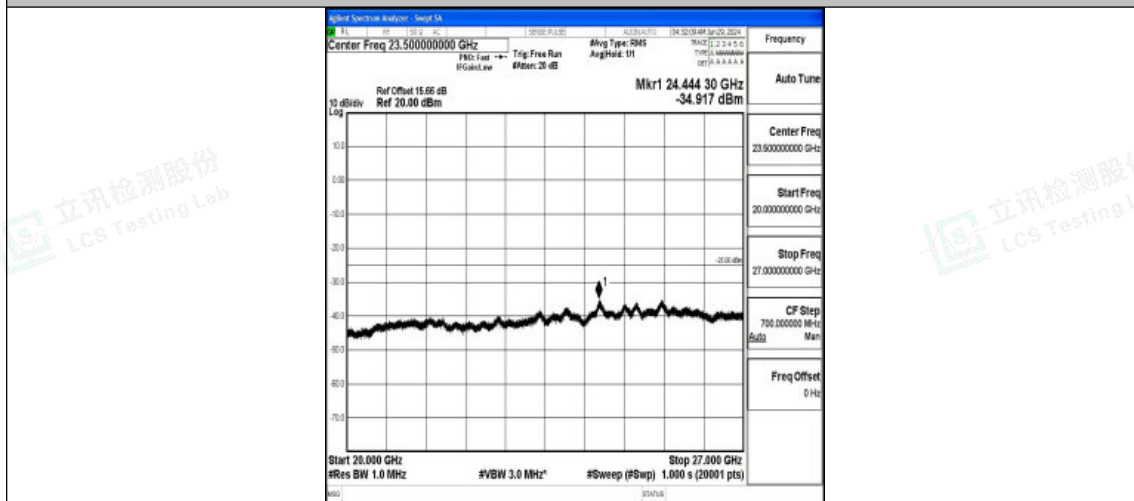




Band7\_5MHz\_QPSK\_20775\_1RB#0\_30~1000\_30~1000

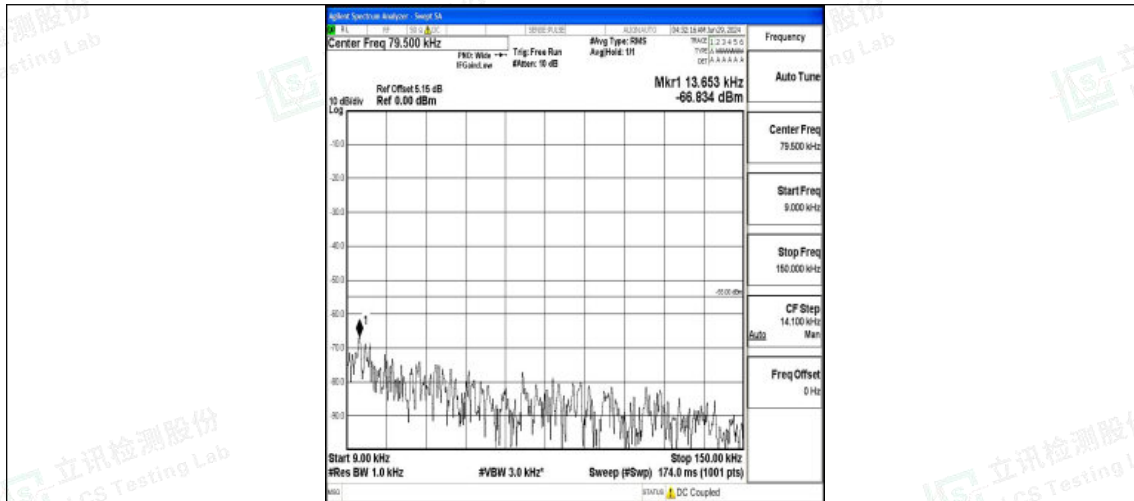


Band7\_5MHz\_QPSK\_20775\_1RB#0\_1000~20000\_1000~20000

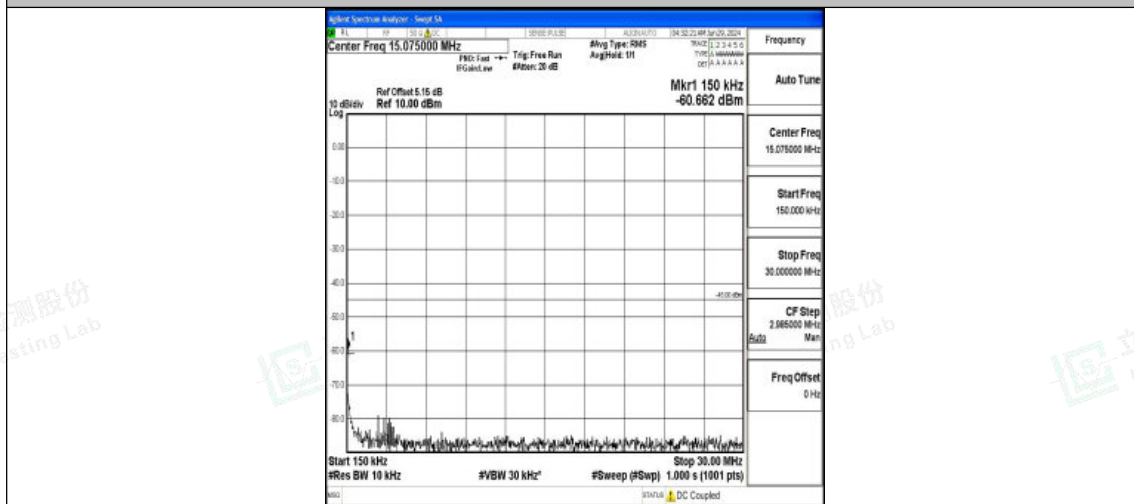


Band7\_5MHz\_QPSK\_20775\_1RB#0\_20000~27000\_20000~27000

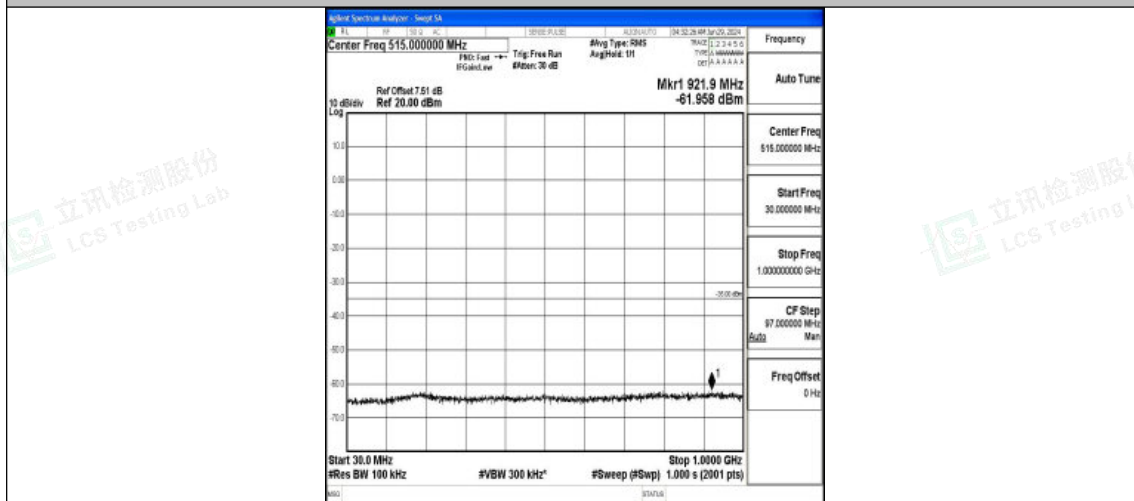




Band7\_5MHz\_16QAM\_20775\_1RB#0\_0.009~0.15\_0.009~0.15



Band7\_5MHz\_16QAM\_20775\_1RB#0\_0.15~30\_0.15~30



Band7\_5MHz\_16QAM\_20775\_1RB#0\_30~1000\_30~1000

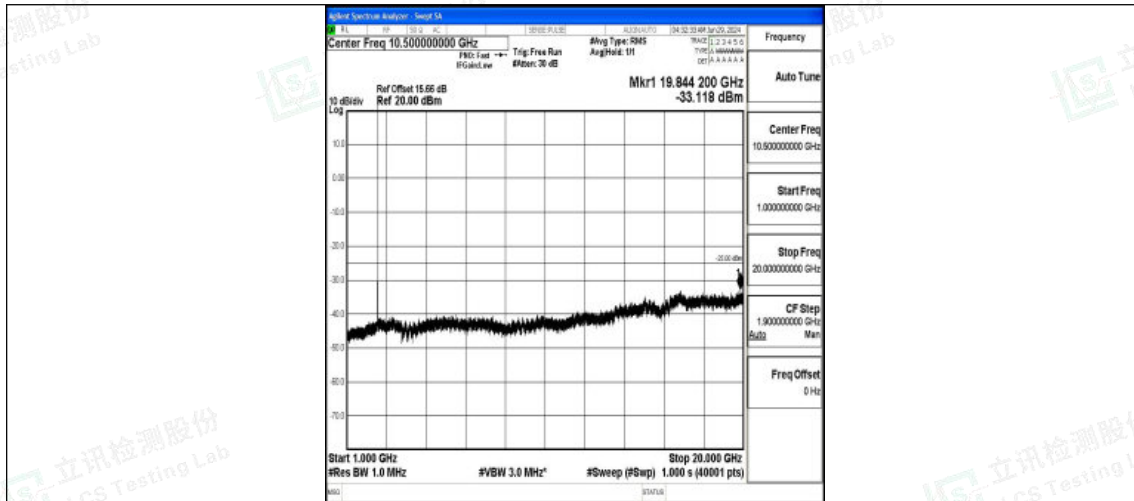


Shenzhen LCS Compliance Testing Laboratory Ltd.

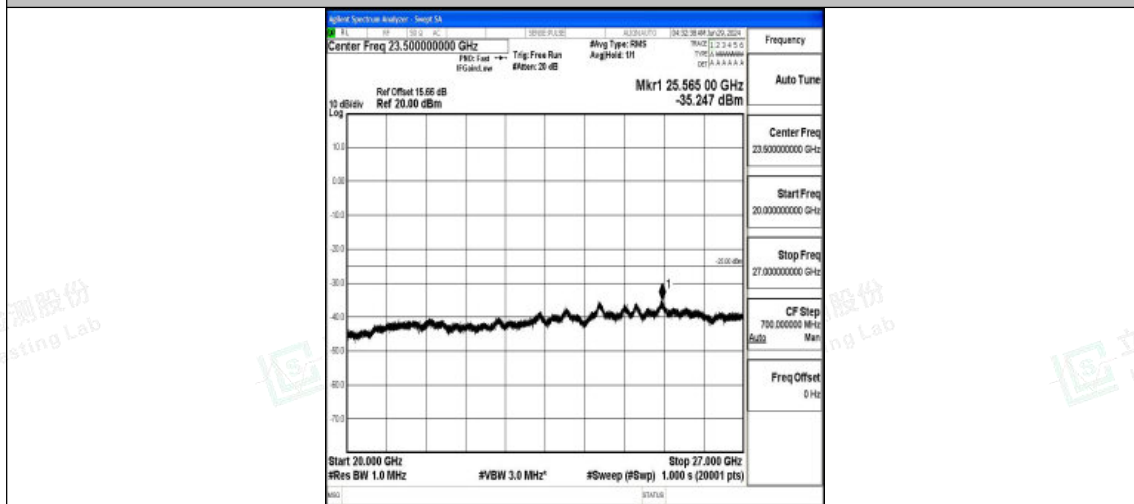
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

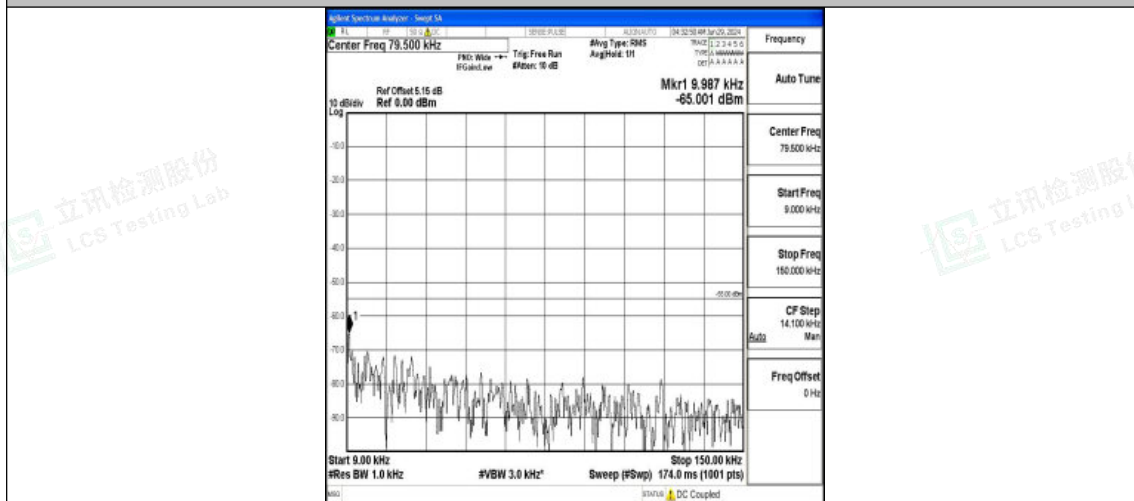
Scan code to check authenticity



Band7\_5MHz\_16QAM\_20775\_1RB#0\_1000~20000\_1000~20000

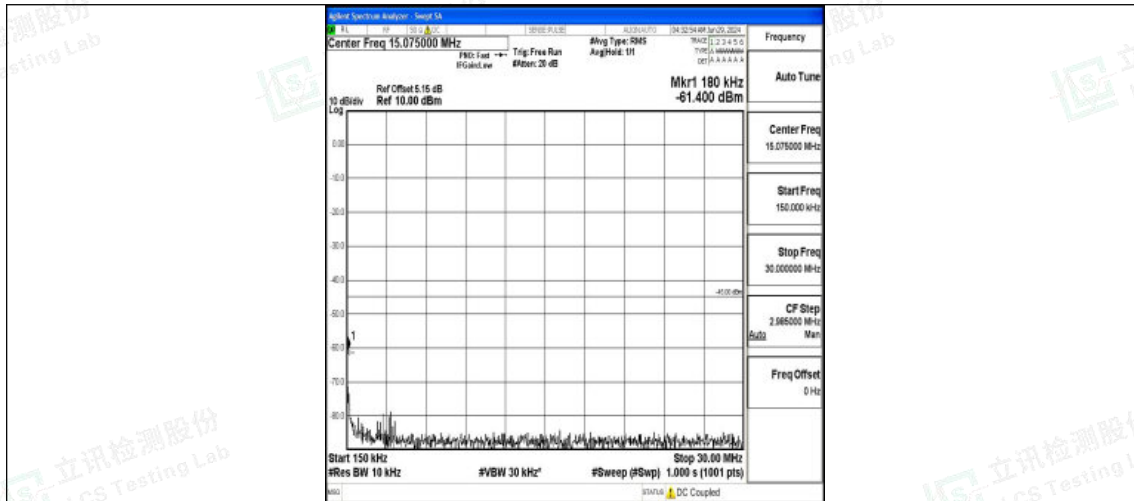


Band7\_5MHz\_16QAM\_20775\_1RB#0\_20000~27000\_20000~27000

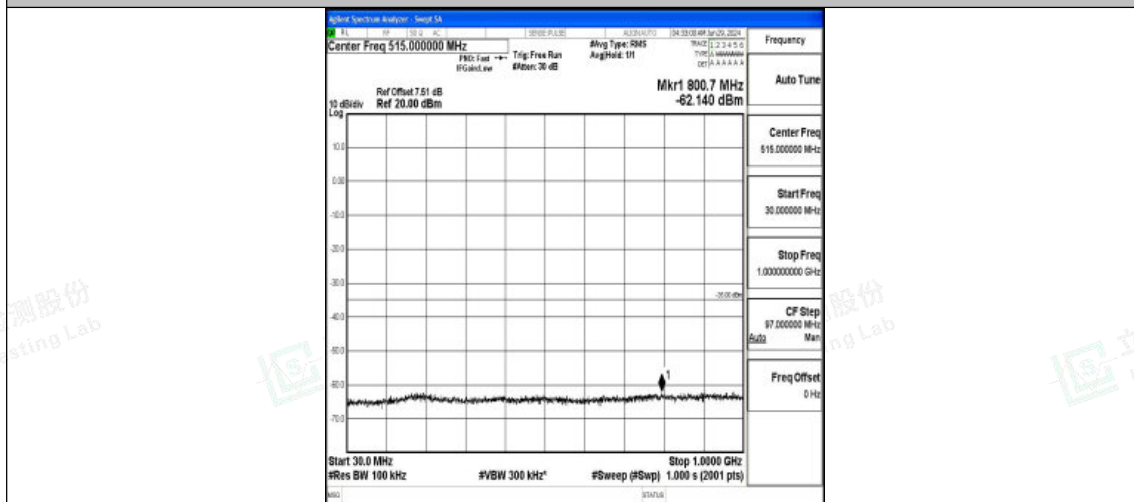


Band7\_5MHz\_QPSK\_21100\_1RB#0\_0.009~0.15\_0.009~0.15

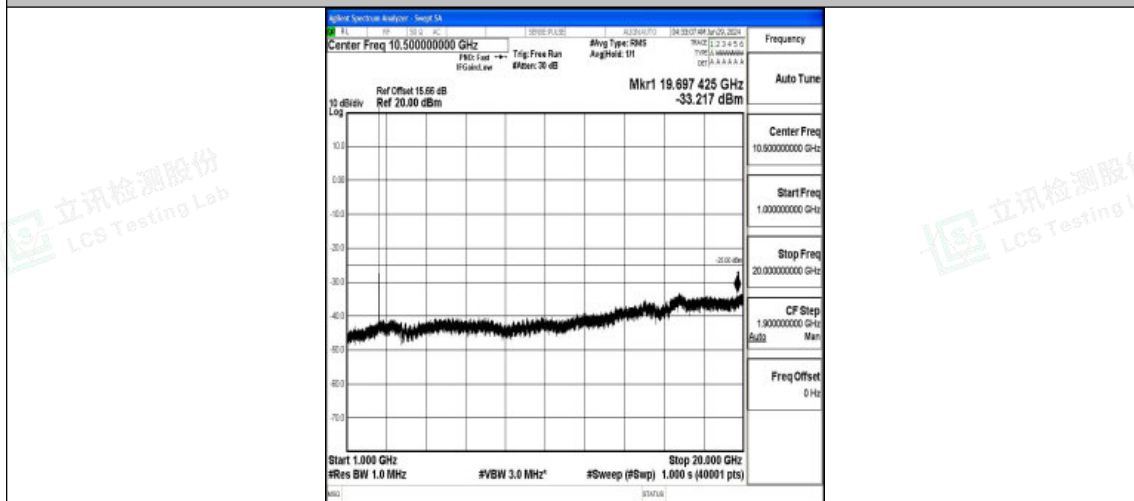




Band7\_5MHz\_QPSK\_21100\_1RB#0\_0.15~30\_0.15~30

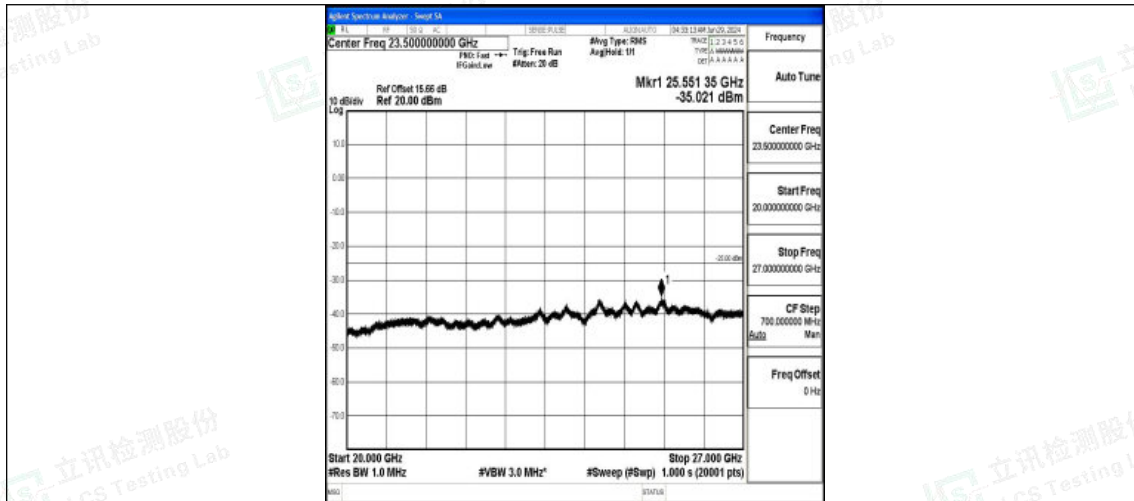


Band7\_5MHz\_QPSK\_21100\_1RB#0\_30~1000\_30~1000

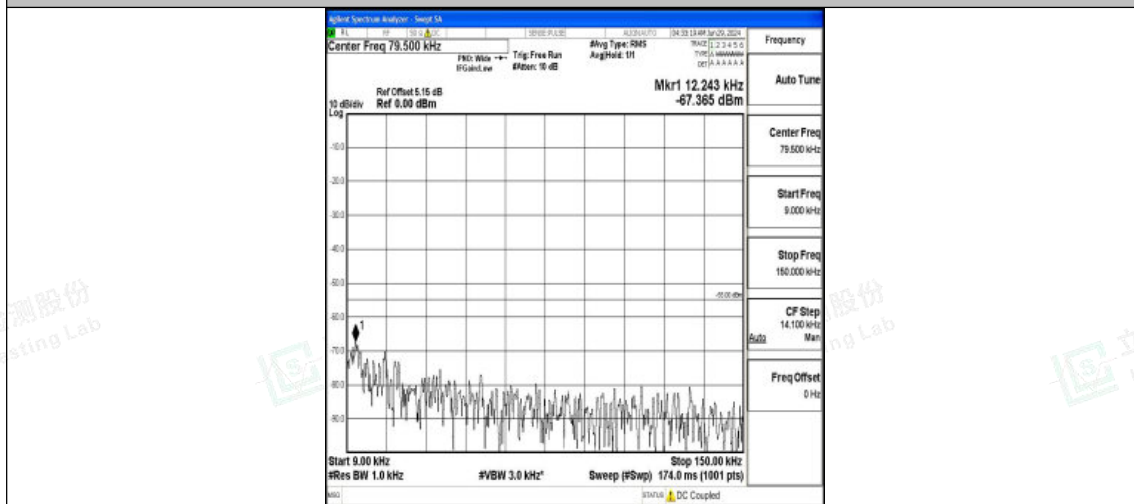


Band7\_5MHz\_QPSK\_21100\_1RB#0\_1000~20000\_1000~20000

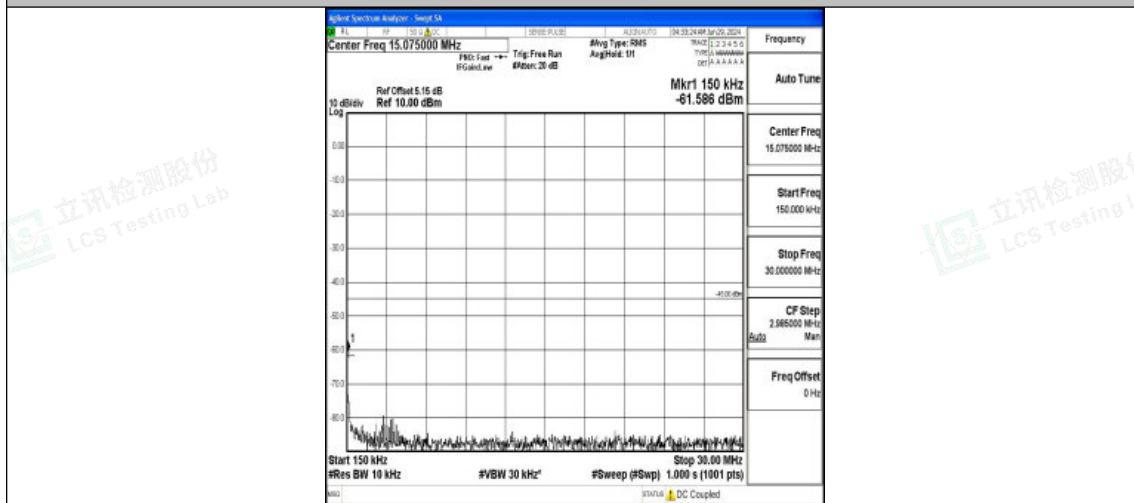




Band7\_5MHz\_QPSK\_21100\_1RB#0\_20000~27000\_20000~27000

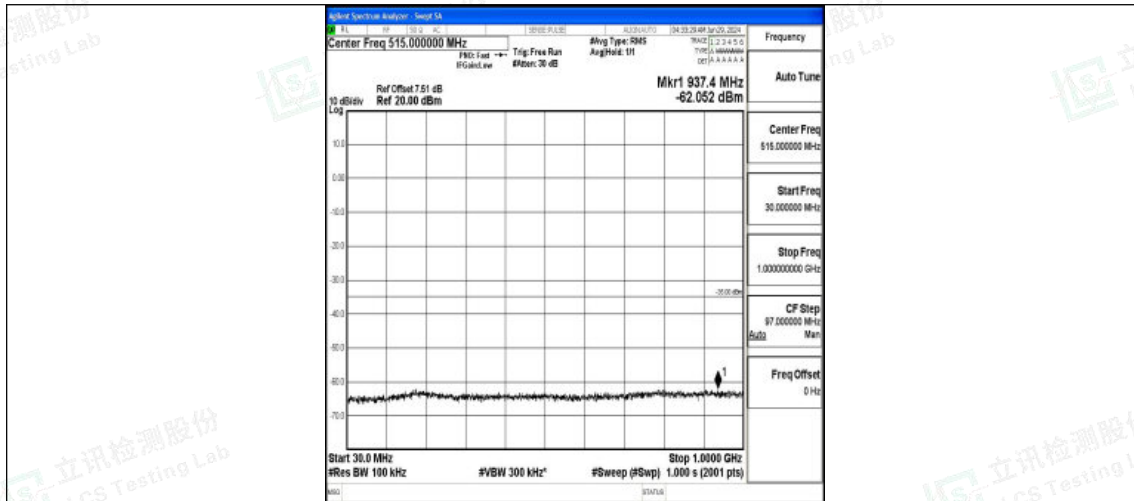


Band7\_5MHz\_16QAM\_21100\_1RB#0\_0.009~0.15\_0.009~0.15

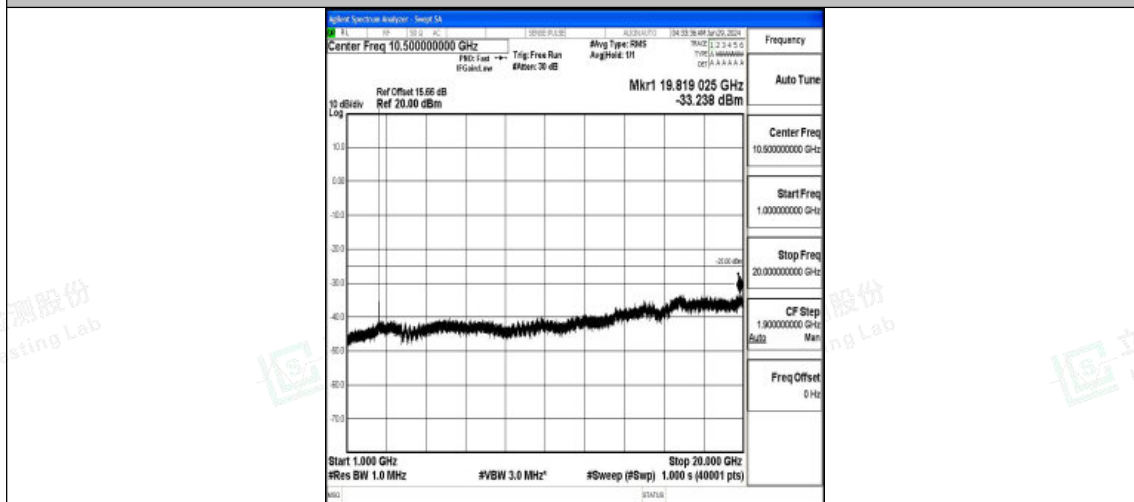


Band7\_5MHz\_16QAM\_21100\_1RB#0\_0.15~30\_0.15~30

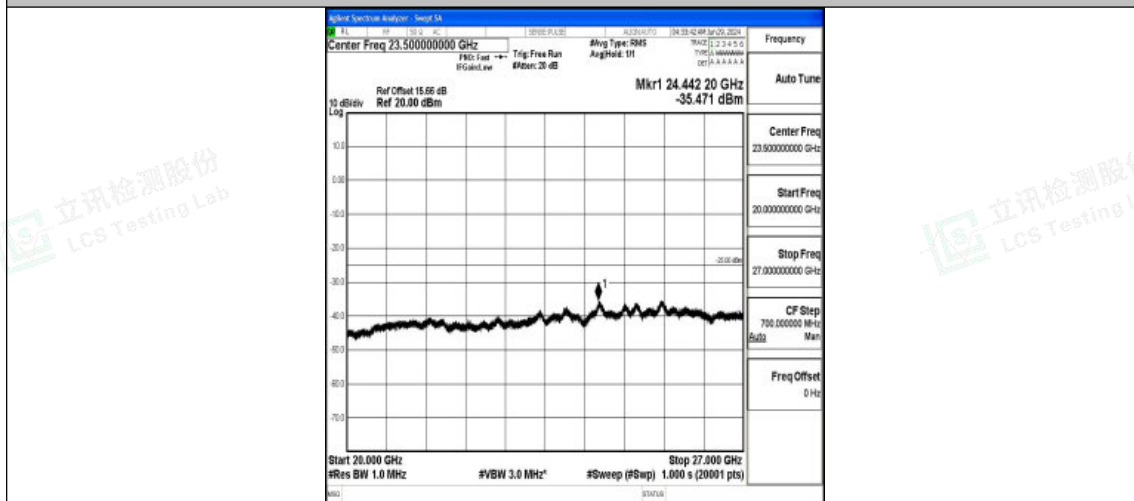




Band7\_5MHz\_16QAM\_21100\_1RB#0\_30~1000\_30~1000

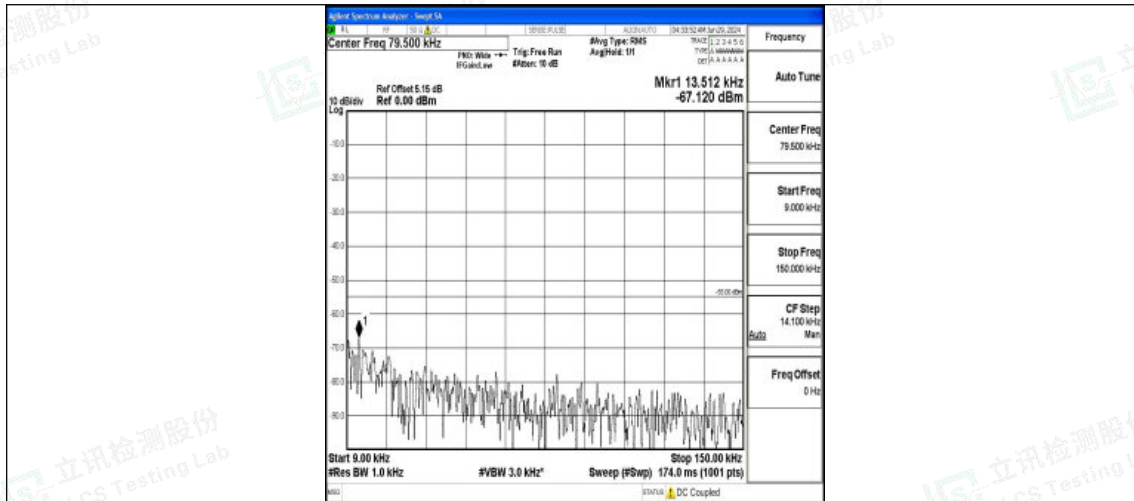


Band7\_5MHz\_16QAM\_21100\_1RB#0\_1000~20000\_1000~20000

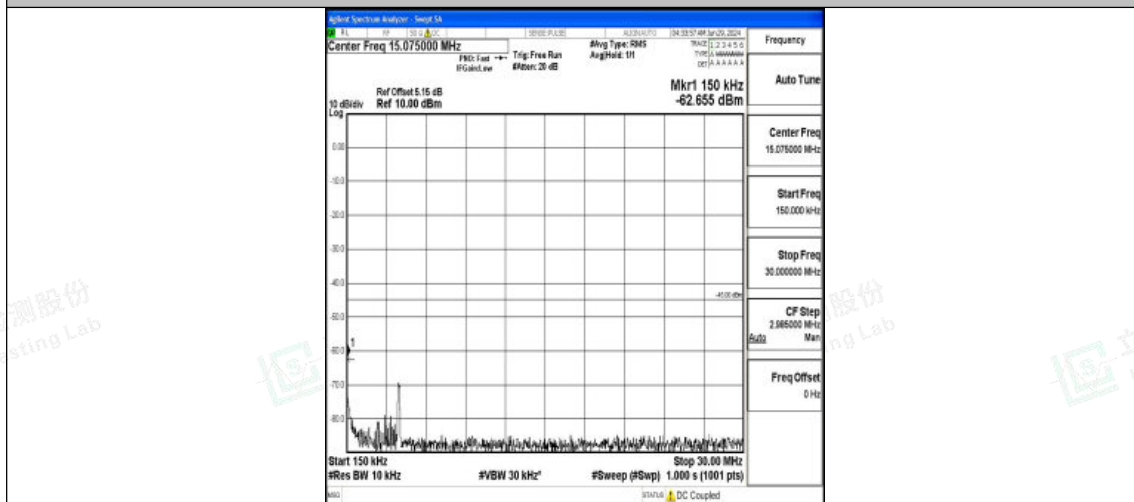


Band7\_5MHz\_16QAM\_21100\_1RB#0\_20000~27000\_20000~27000

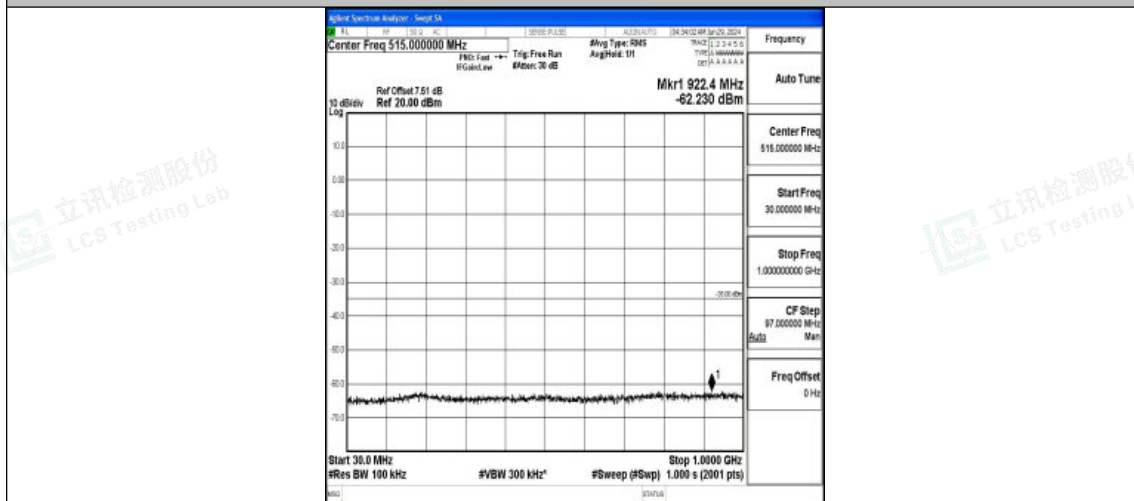




Band7\_5MHz\_QPSK\_21425\_1RB#0\_0.009~0.15\_0.009~0.15



Band7\_5MHz\_QPSK\_21425\_1RB#0\_0.15~30\_0.15~30



Band7\_5MHz\_QPSK\_21425\_1RB#0\_30~1000\_30~1000



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity