



## Appendix O: Test Data for E-UTRA Band 71

Product Name: Fixed wireless phone

Test Model: HP15

### Environmental Conditions

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





## O.1 Conducted Power Output Data

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#0            | 22.98       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 1RB#0            | 21.91       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#12           | 23.08       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 1RB#12           | 22.03       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#24           | 22.95       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 1RB#24           | 21.93       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 12RB#0           | 21.98       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 12RB#0           | 20.92       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 12RB#6           | 21.97       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 12RB#6           | 20.95       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 12RB#13          | 22.00       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 12RB#13          | 20.97       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 25RB#0           | 22.01       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 25RB#0           | 21.00       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#0            | 22.90       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 1RB#0            | 22.00       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#12           | 22.97       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 1RB#12           | 22.15       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#24           | 22.81       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 1RB#24           | 21.99       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 12RB#0           | 22.06       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 12RB#0           | 21.01       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 12RB#6           | 22.01       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 12RB#6           | 21.01       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 12RB#13          | 21.95       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 12RB#13          | 20.99       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 25RB#0           | 22.03       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 25RB#0           | 20.97       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#0            | 22.92       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 1RB#0            | 21.87       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#12           | 23.05       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 1RB#12           | 21.92       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#24           | 22.90       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 1RB#24           | 21.82       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 12RB#0           | 21.97       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 12RB#0           | 20.95       | 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



|        |       |       |        |         |       |      |
|--------|-------|-------|--------|---------|-------|------|
| Band71 | 5MHz  | QPSK  | 133447 | 12RB#6  | 21.97 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 12RB#6  | 20.97 | PASS |
| Band71 | 5MHz  | QPSK  | 133447 | 12RB#13 | 21.89 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 12RB#13 | 20.92 | PASS |
| Band71 | 5MHz  | QPSK  | 133447 | 25RB#0  | 21.94 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 25RB#0  | 20.97 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 1RB#0   | 23.01 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 1RB#0   | 21.91 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 1RB#24  | 23.06 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 1RB#24  | 21.78 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 1RB#49  | 22.75 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 1RB#49  | 21.44 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 25RB#0  | 21.64 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 25RB#0  | 20.77 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 25RB#12 | 21.78 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 25RB#12 | 20.79 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 25RB#25 | 21.99 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 25RB#25 | 20.90 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 50RB#0  | 21.75 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 50RB#0  | 20.84 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 1RB#0   | 22.55 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#0   | 21.58 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 1RB#24  | 22.69 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#24  | 21.60 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 1RB#49  | 22.51 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#49  | 21.54 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 25RB#0  | 21.63 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 25RB#0  | 20.63 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 25RB#12 | 21.93 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 25RB#12 | 20.68 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 25RB#25 | 21.98 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 25RB#25 | 20.65 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 50RB#0  | 21.71 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 50RB#0  | 21.00 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 1RB#0   | 22.56 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#0   | 21.44 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 1RB#24  | 22.65 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#24  | 21.63 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 1RB#49  | 22.49 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#49  | 21.33 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 25RB#0  | 21.65 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 25RB#0  | 20.67 | 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



|        |       |       |        |         |       |      |
|--------|-------|-------|--------|---------|-------|------|
| Band71 | 10MHz | QPSK  | 133422 | 25RB#12 | 21.87 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 25RB#12 | 20.64 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 25RB#25 | 21.58 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 25RB#25 | 20.72 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 50RB#0  | 21.93 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 50RB#0  | 20.77 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#0   | 22.88 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#0   | 22.11 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#38  | 22.99 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#38  | 22.16 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#74  | 22.87 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#74  | 22.07 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 38RB#0  | 22.01 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 38RB#0  | 22.02 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 38RB#18 | 22.14 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 38RB#18 | 22.07 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 38RB#37 | 22.08 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 38RB#37 | 22.08 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 75RB#0  | 22.06 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 75RB#0  | 21.06 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 1RB#0   | 23.01 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#0   | 22.08 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 1RB#38  | 23.02 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#38  | 21.89 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 1RB#74  | 22.75 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#74  | 21.89 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 38RB#0  | 21.98 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 38RB#0  | 21.94 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 38RB#18 | 21.86 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 38RB#18 | 22.02 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 38RB#37 | 21.85 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 38RB#37 | 21.70 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 75RB#0  | 22.10 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 75RB#0  | 21.04 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#0   | 22.81 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#0   | 21.90 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#38  | 22.72 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#38  | 22.14 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#74  | 22.63 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#74  | 21.71 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 38RB#0  | 21.70 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 38RB#0  | 21.93 | 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



|        |       |       |        |         |       |      |
|--------|-------|-------|--------|---------|-------|------|
| Band71 | 15MHz | QPSK  | 133397 | 38RB#18 | 21.96 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 38RB#18 | 21.72 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 38RB#37 | 21.77 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 38RB#37 | 21.56 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 75RB#0  | 21.96 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 75RB#0  | 20.97 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 1RB#0   | 22.81 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#0   | 21.99 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 1RB#49  | 23.16 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#49  | 22.23 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 1RB#99  | 22.82 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#99  | 21.90 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 50RB#0  | 21.97 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 50RB#0  | 20.96 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 50RB#25 | 21.97 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 50RB#25 | 20.97 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 50RB#50 | 22.00 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 50RB#50 | 21.02 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 100RB#0 | 22.01 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 100RB#0 | 20.95 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#0   | 22.84 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#0   | 21.73 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#49  | 23.09 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#49  | 21.91 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#99  | 22.59 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#99  | 21.20 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 50RB#0  | 22.21 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 50RB#0  | 21.22 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 50RB#25 | 22.22 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 50RB#25 | 21.22 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 50RB#50 | 22.07 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 50RB#50 | 21.12 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 100RB#0 | 22.07 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 100RB#0 | 21.16 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#0   | 22.82 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#0   | 21.37 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#49  | 23.21 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#49  | 21.90 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#99  | 22.52 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#99  | 21.45 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 50RB#0  | 22.04 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 50RB#0  | 21.12 | 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





|        |       |       |        |         |       |      |
|--------|-------|-------|--------|---------|-------|------|
| Band71 | 20MHz | QPSK  | 133372 | 50RB#25 | 22.14 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 50RB#25 | 21.16 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 50RB#50 | 22.06 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 50RB#50 | 21.05 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 100RB#0 | 22.09 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 100RB#0 | 21.07 | PASS |





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

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#0            | 5.09       | 13        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 1RB#0            | 5.60       | 13        | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 25RB#0           | 5.64       | 13        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 25RB#0           | 6.26       | 13        | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#0            | 5.56       | 13        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 1RB#0            | 5.95       | 13        | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 25RB#0           | 5.73       | 13        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 25RB#0           | 6.31       | 13        | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#0            | 5.52       | 13        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 1RB#0            | 5.89       | 13        | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 25RB#0           | 5.67       | 13        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 25RB#0           | 6.27       | 13        | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 1RB#0            | 5.00       | 13        | PASS    |
| Band71 | 10MHz     | 16QAM      | 133172  | 1RB#0            | 5.88       | 13        | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 50RB#0           | 5.73       | 13        | PASS    |
| Band71 | 10MHz     | 16QAM      | 133172  | 50RB#0           | 6.29       | 13        | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 1RB#0            | 5.31       | 13        | PASS    |
| Band71 | 10MHz     | 16QAM      | 133297  | 1RB#0            | 6.27       | 13        | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 50RB#0           | 5.68       | 13        | PASS    |
| Band71 | 10MHz     | 16QAM      | 133297  | 50RB#0           | 6.34       | 13        | PASS    |
| Band71 | 10MHz     | QPSK       | 133422  | 1RB#0            | 5.45       | 13        | PASS    |
| Band71 | 10MHz     | 16QAM      | 133422  | 1RB#0            | 6.32       | 13        | PASS    |
| Band71 | 10MHz     | QPSK       | 133422  | 50RB#0           | 5.73       | 13        | PASS    |
| Band71 | 10MHz     | 16QAM      | 133422  | 50RB#0           | 6.36       | 13        | PASS    |
| Band71 | 15MHz     | QPSK       | 133197  | 1RB#0            | 5.02       | 13        | PASS    |
| Band71 | 15MHz     | 16QAM      | 133197  | 1RB#0            | 5.91       | 13        | PASS    |
| Band71 | 15MHz     | QPSK       | 133197  | 75RB#0           | 5.88       | 13        | PASS    |
| Band71 | 15MHz     | 16QAM      | 133197  | 75RB#0           | 6.32       | 13        | PASS    |
| Band71 | 15MHz     | QPSK       | 133297  | 1RB#0            | 5.30       | 13        | PASS    |
| Band71 | 15MHz     | 16QAM      | 133297  | 1RB#0            | 6.18       | 13        | PASS    |
| Band71 | 15MHz     | QPSK       | 133297  | 75RB#0           | 5.95       | 13        | PASS    |
| Band71 | 15MHz     | 16QAM      | 133297  | 75RB#0           | 6.38       | 13        | PASS    |
| Band71 | 15MHz     | QPSK       | 133397  | 1RB#0            | 5.38       | 13        | PASS    |
| Band71 | 15MHz     | 16QAM      | 133397  | 1RB#0            | 6.30       | 13        | PASS    |
| Band71 | 15MHz     | QPSK       | 133397  | 75RB#0           | 5.99       | 13        | PASS    |
| Band71 | 15MHz     | 16QAM      | 133397  | 75RB#0           | 6.41       | 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



|        |       |       |        |         |      |    |      |
|--------|-------|-------|--------|---------|------|----|------|
| Band71 | 20MHz | QPSK  | 133222 | 1RB#0   | 4.98 | 13 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#0   | 5.62 | 13 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 100RB#0 | 5.60 | 13 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 100RB#0 | 6.29 | 13 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#0   | 5.14 | 13 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#0   | 5.77 | 13 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 100RB#0 | 5.63 | 13 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 100RB#0 | 6.33 | 13 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#0   | 5.48 | 13 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#0   | 6.30 | 13 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 100RB#0 | 5.72 | 13 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 100RB#0 | 6.34 | 13 | PASS |







## Test Graphs

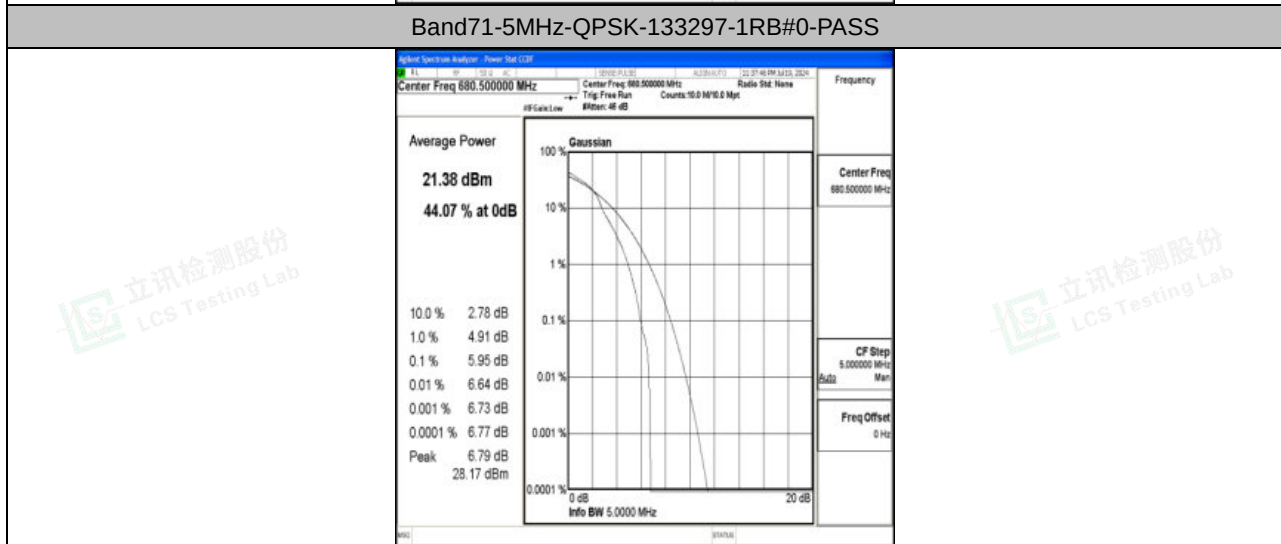
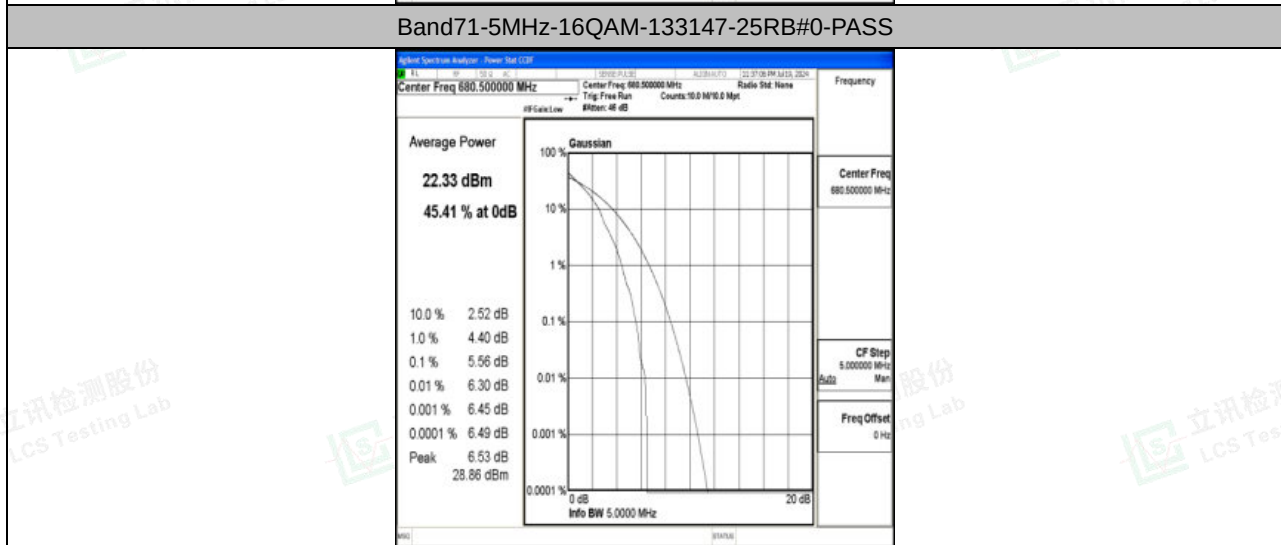
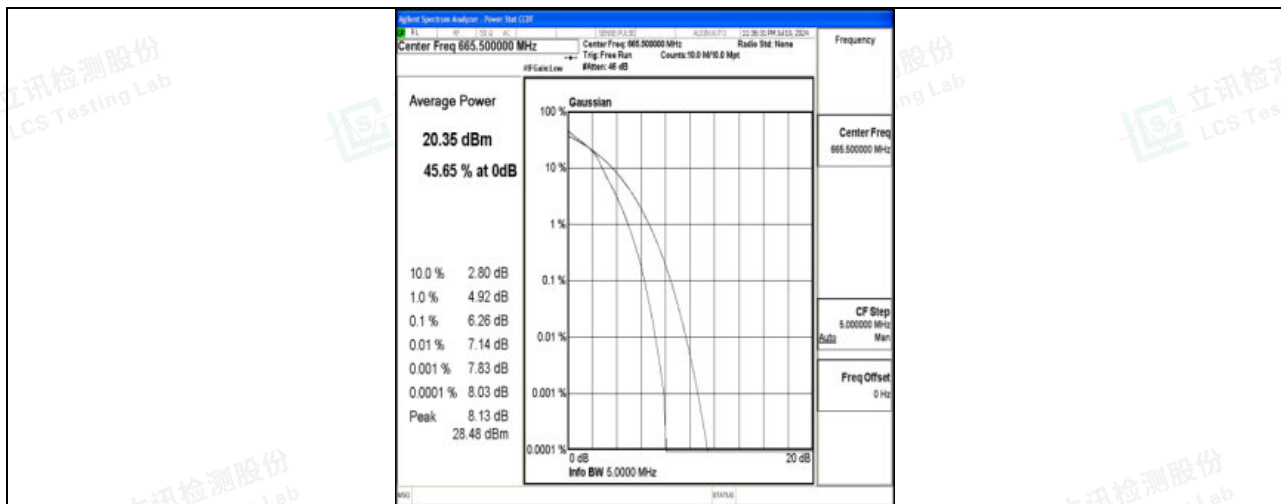


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

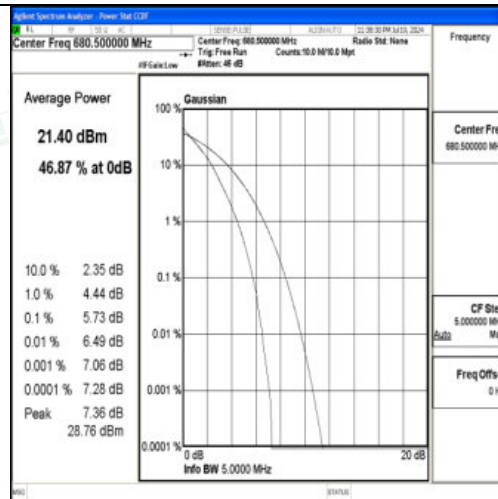


Shenzhen LCS Compliance Testing Laboratory Ltd.

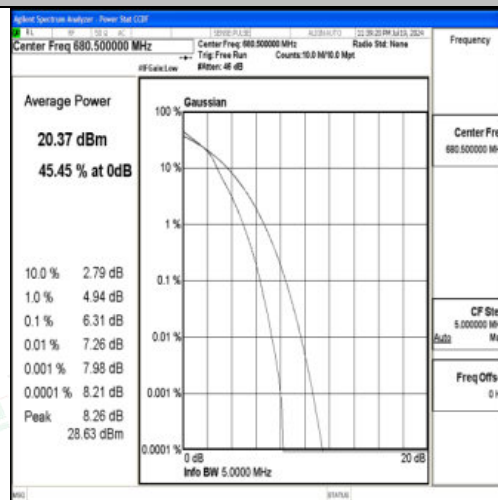
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

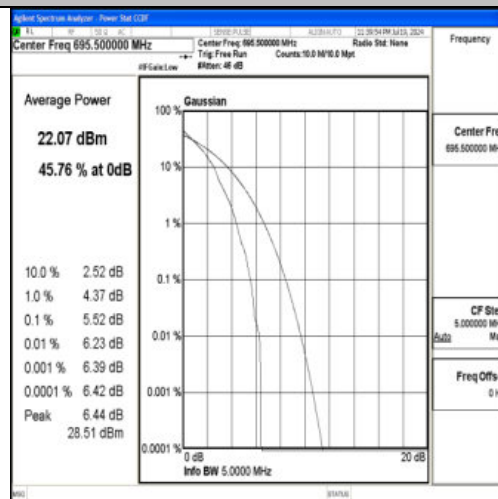
Scan code to check authenticity



Band71-5MHz-QPSK-133297-25RB#0-PASS



Band71-5MHz-16QAM-133297-25RB#0-PASS



Band71-5MHz-QPSK-133447-1RB#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

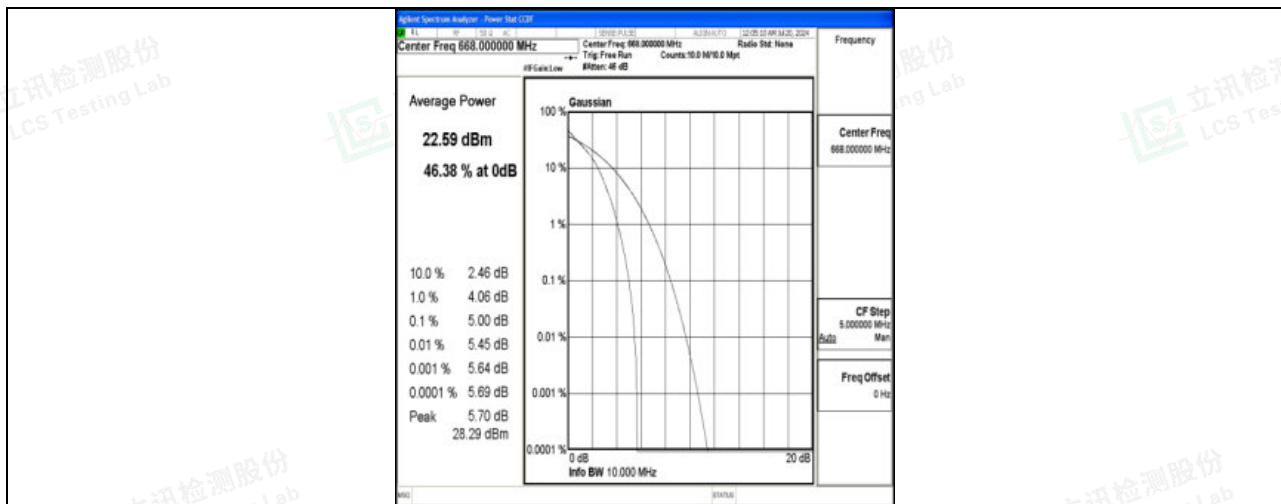


Shenzhen LCS Compliance Testing Laboratory Ltd.

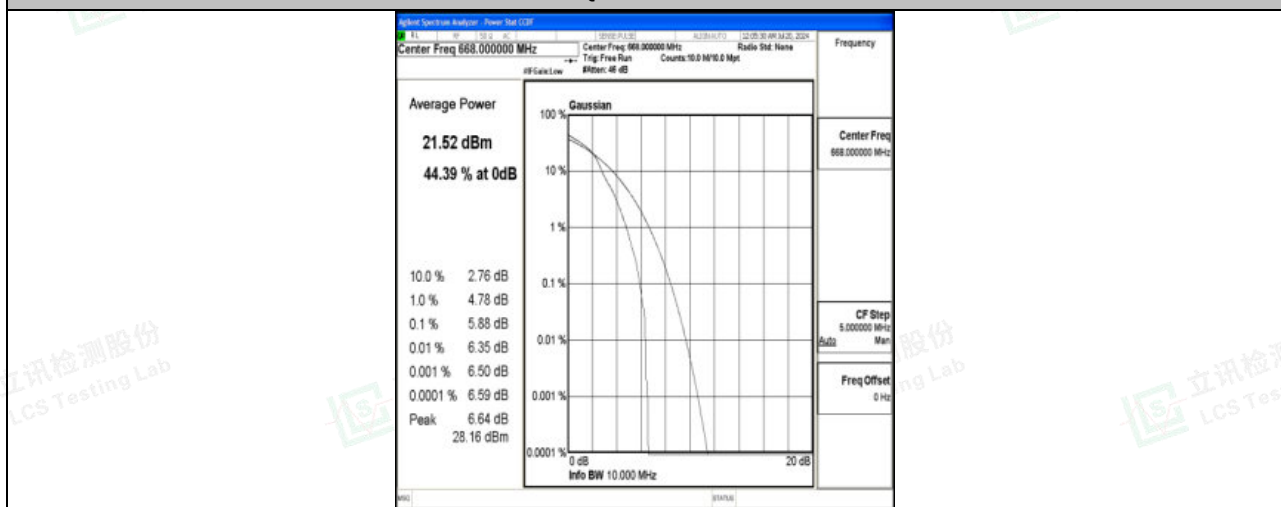
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

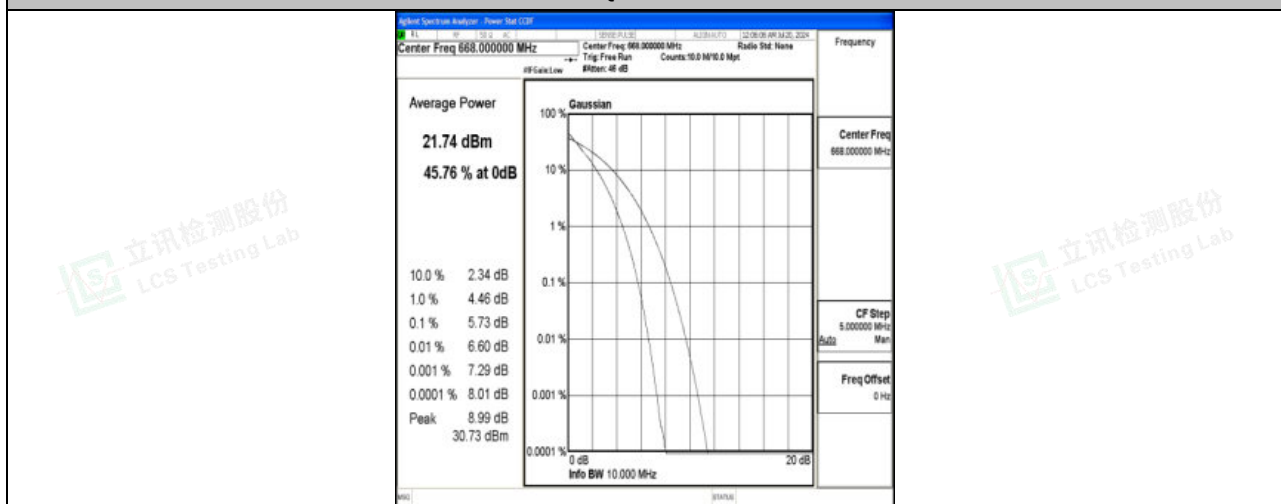
Scan code to check authenticity



Band71-10MHz-QPSK-133172-1RB#0-PASS



Band71-10MHz-16QAM-133172-1RB#0-PASS



Band71-10MHz-QPSK-133172-50RB#0-PASS



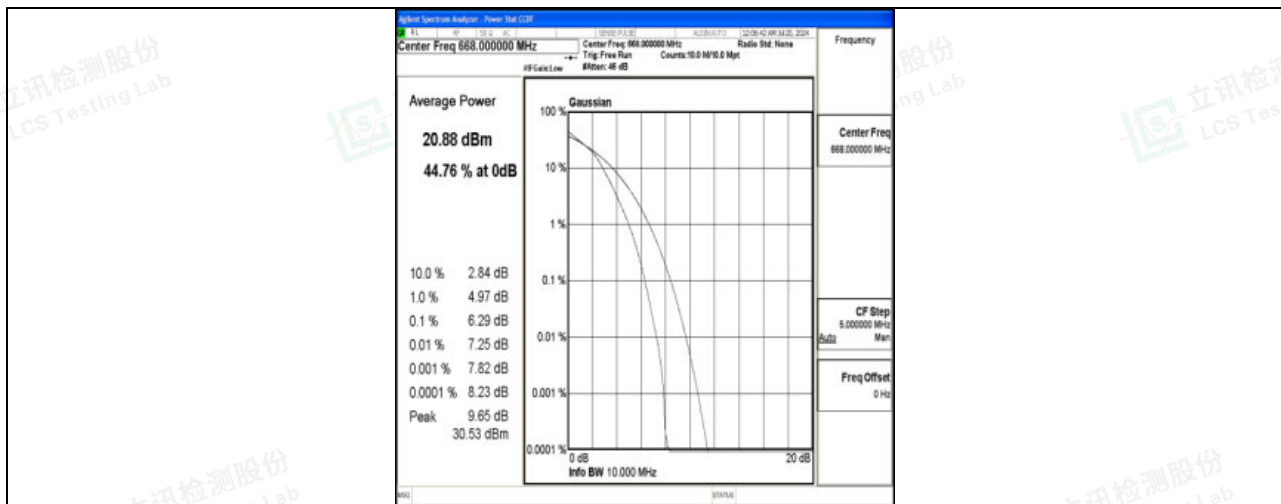
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

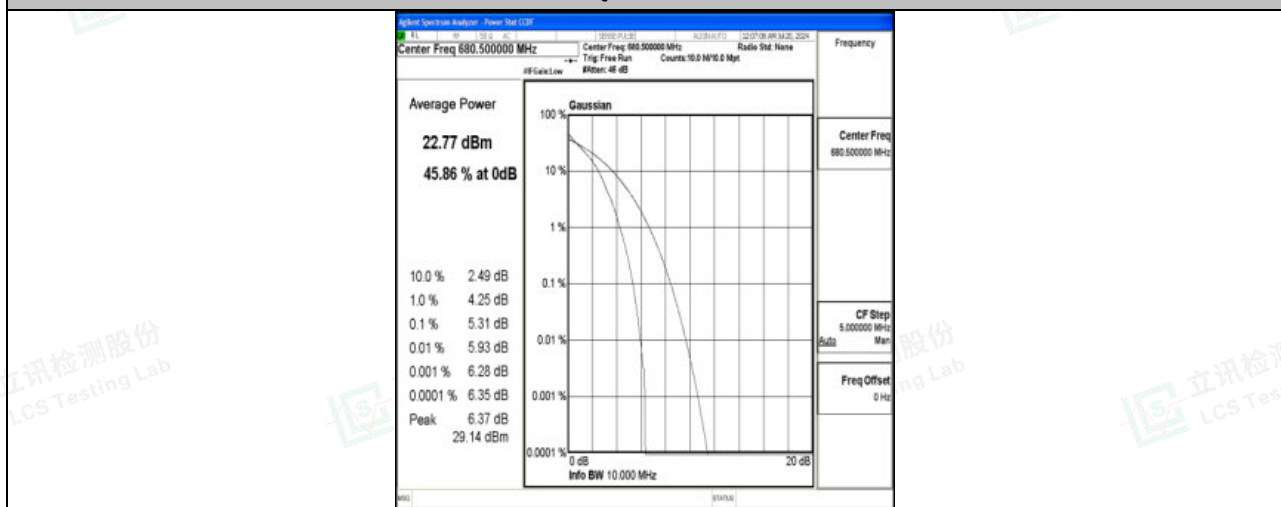
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

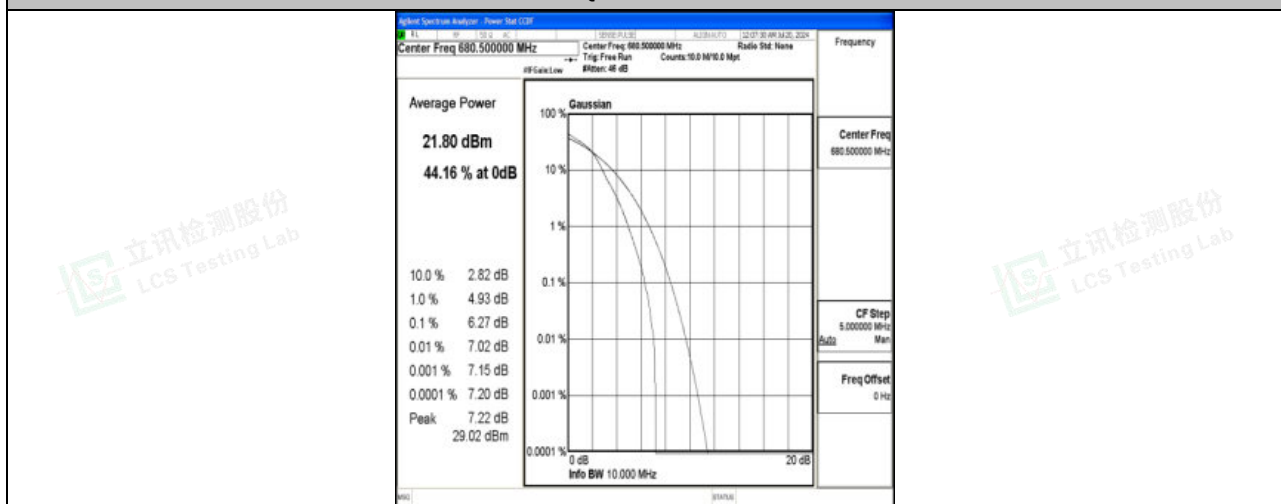




Band71-10MHz-16QAM-133172-50RB#0-PASS



Band71-10MHz-QPSK-133297-1RB#0-PASS



Band71-10MHz-16QAM-133297-1RB#0-PASS



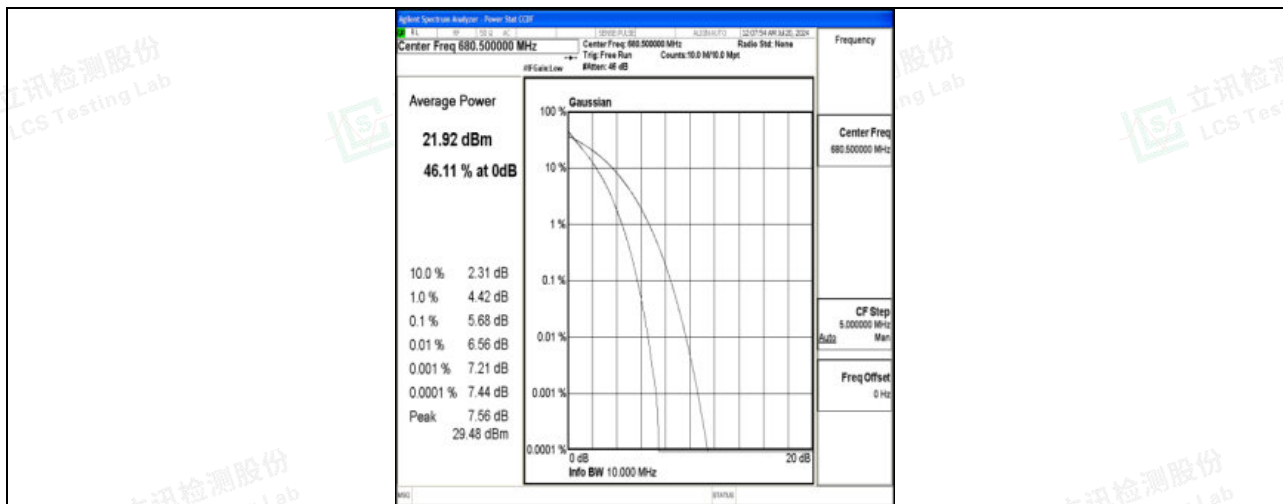
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

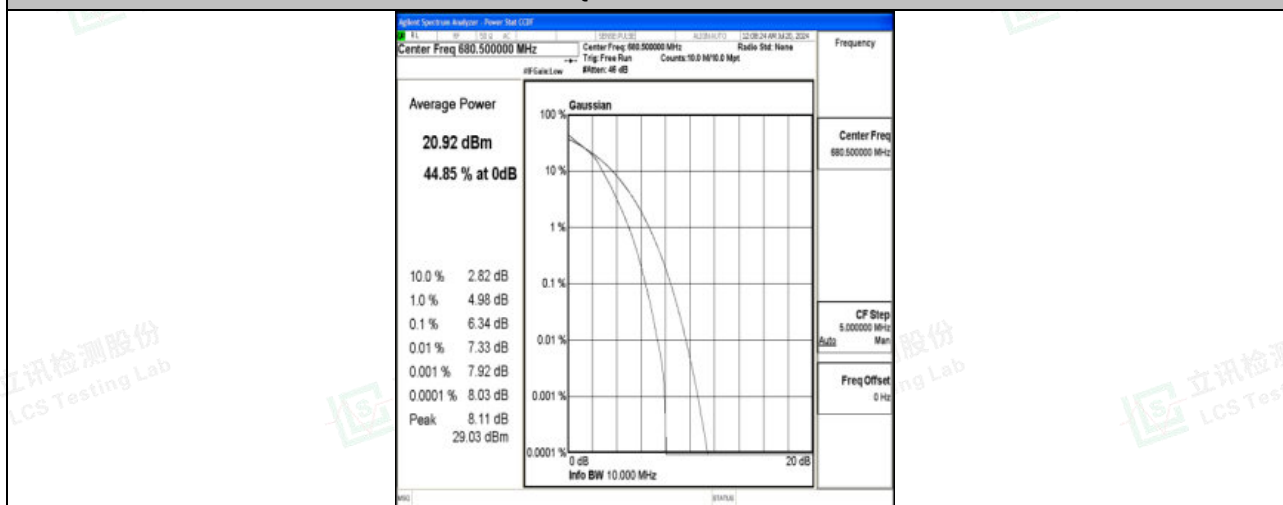
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

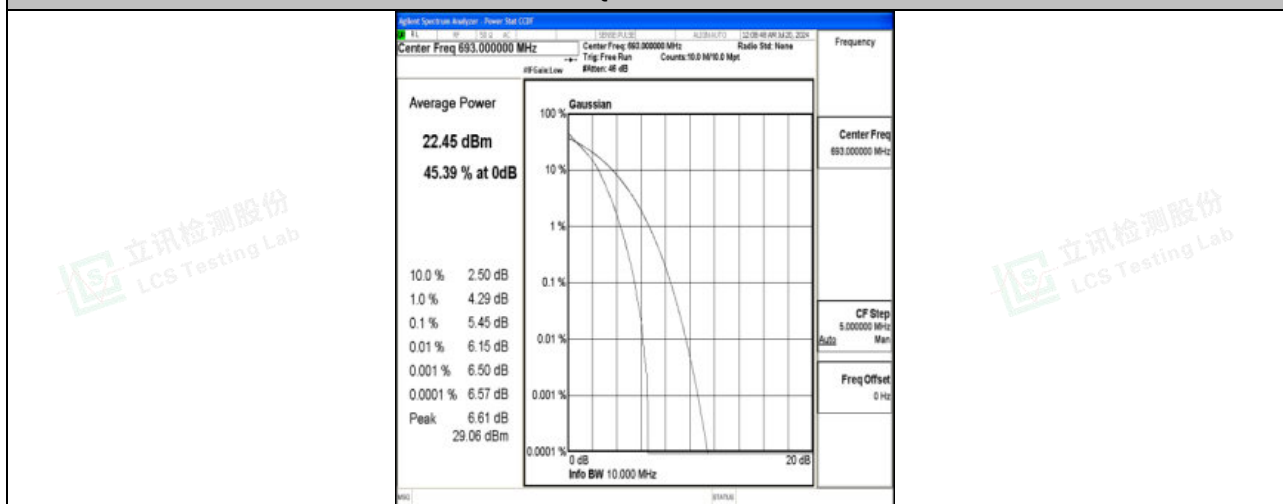




Band71-10MHz-QPSK-133297-50RB#0-PASS



Band71-10MHz-16QAM-133297-50RB#0-PASS



Band71-10MHz-QPSK-133422-1RB#0-PASS

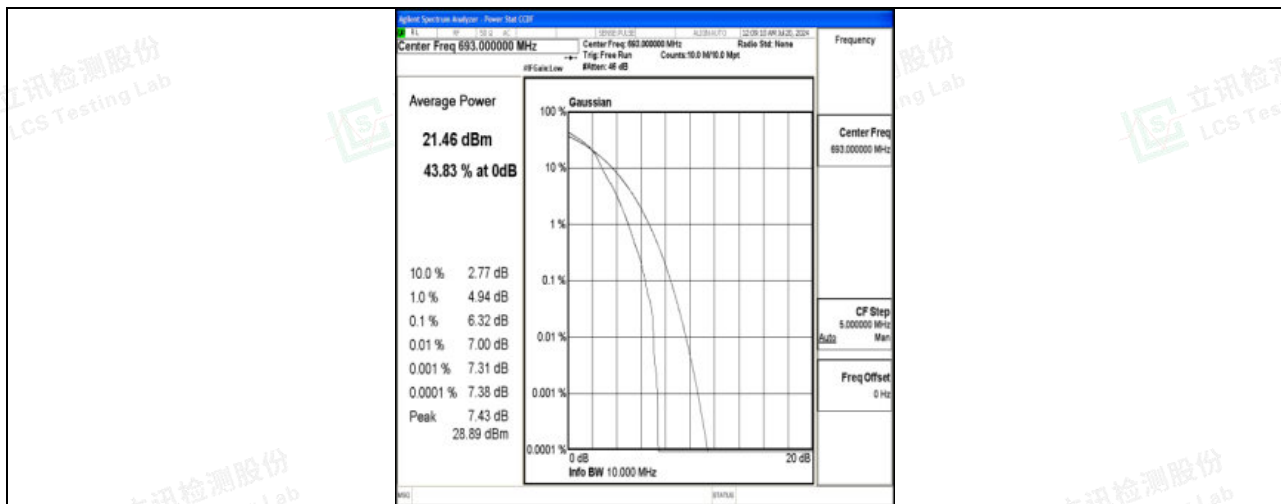


Shenzhen LCS Compliance Testing Laboratory Ltd.

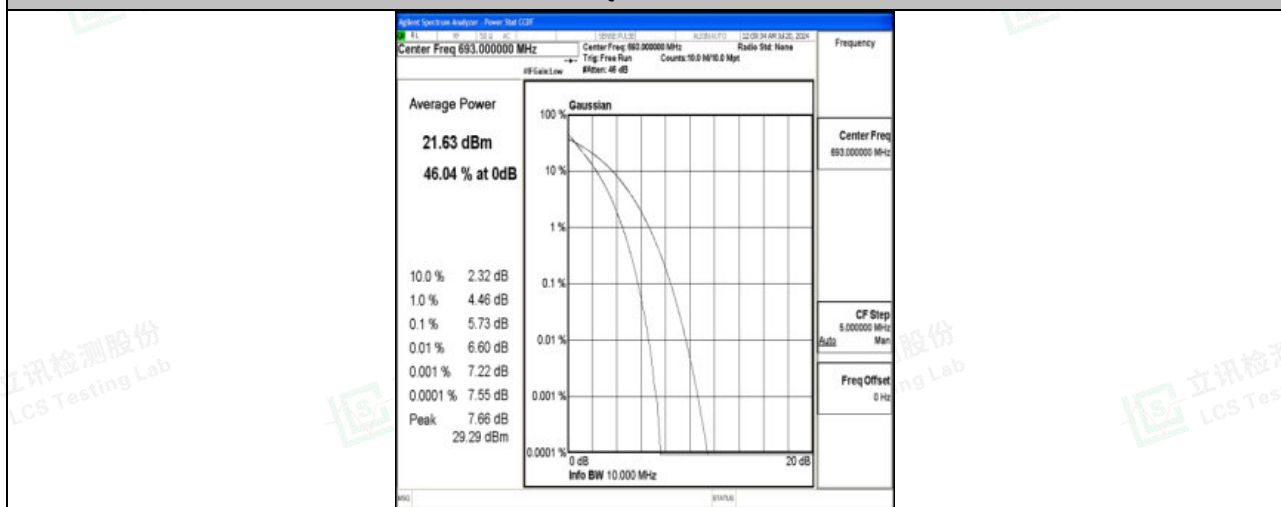
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

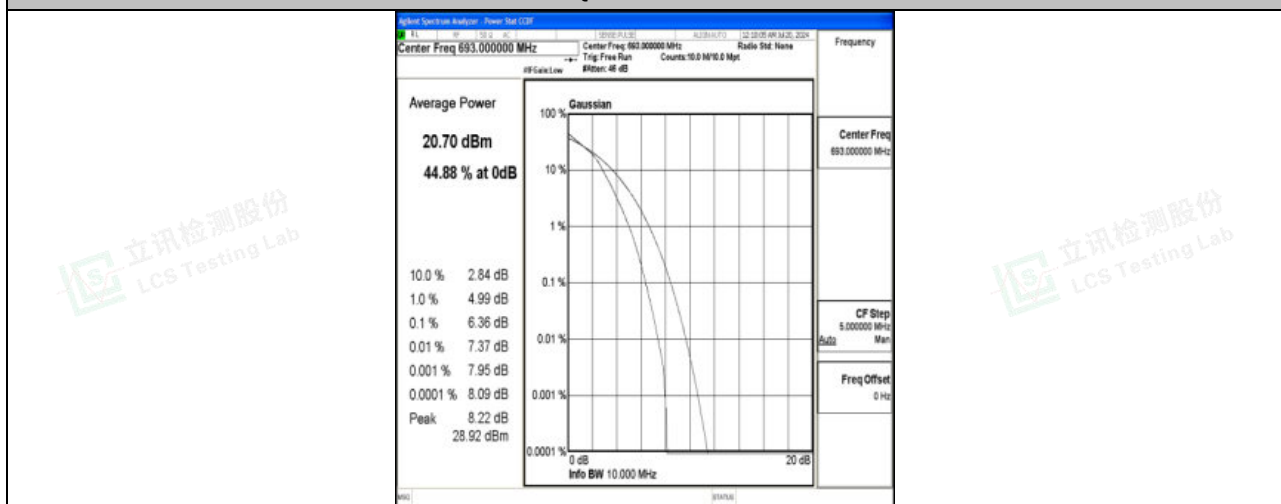
Scan code to check authenticity



Band71-10MHz-16QAM-133422-1RB#0-PASS



Band71-10MHz-QPSK-133422-50RB#0-PASS



Band71-10MHz-16QAM-133422-50RB#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

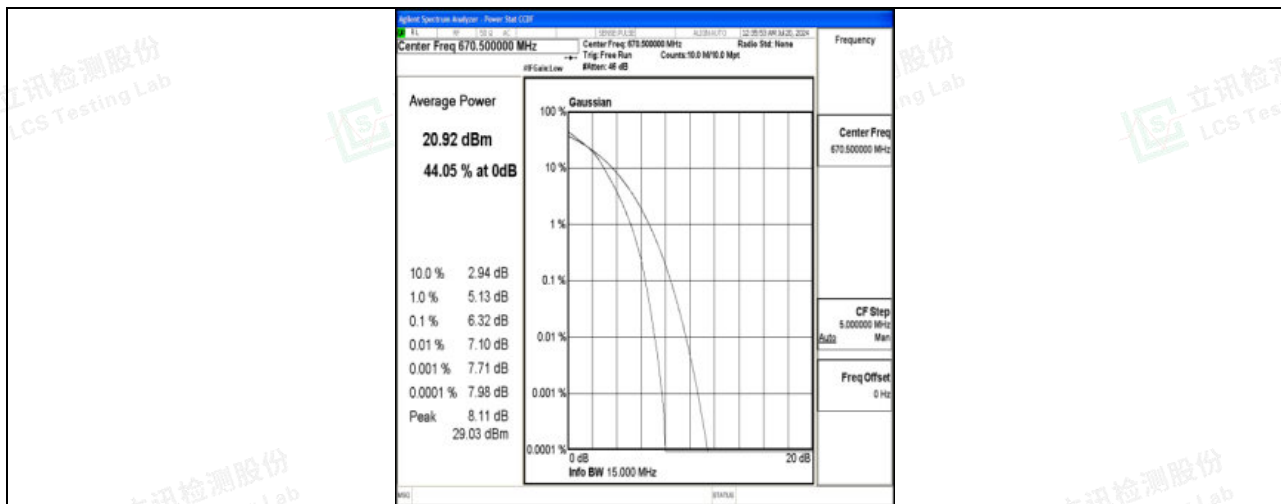


Shenzhen LCS Compliance Testing Laboratory Ltd.

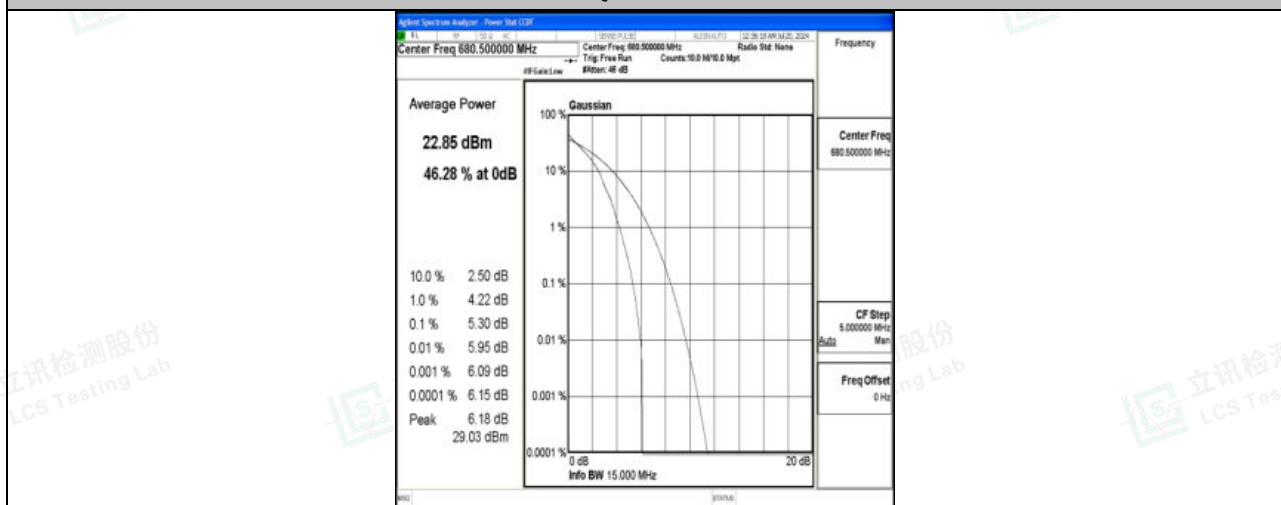
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

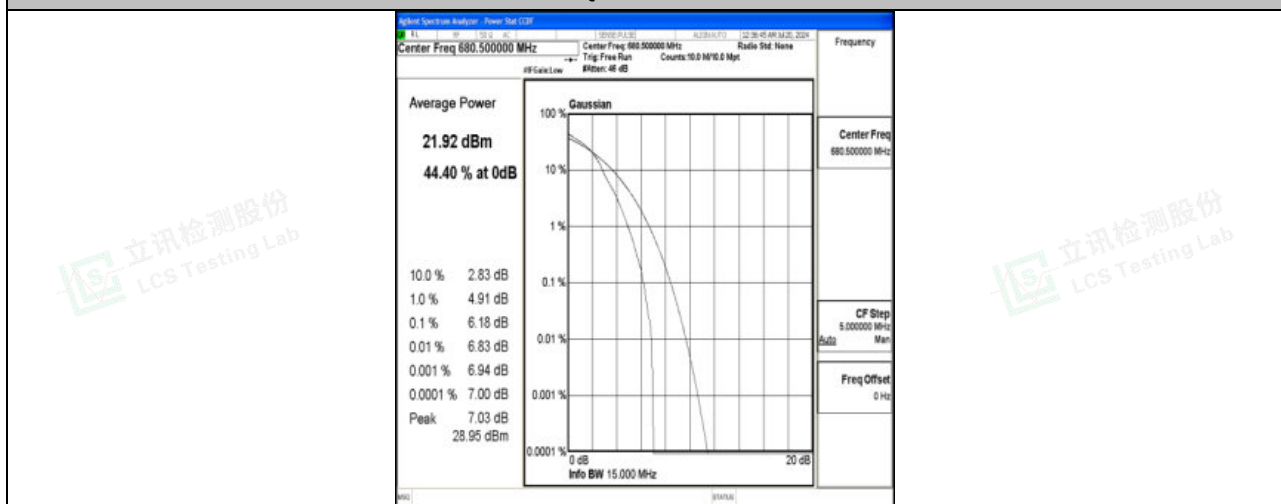
Scan code to check authenticity



Band71-15MHz-16QAM-133197-75RB#0-PASS



Band71-15MHz-QPSK-133297-1RB#0-PASS



Band71-15MHz-16QAM-133297-1RB#0-PASS

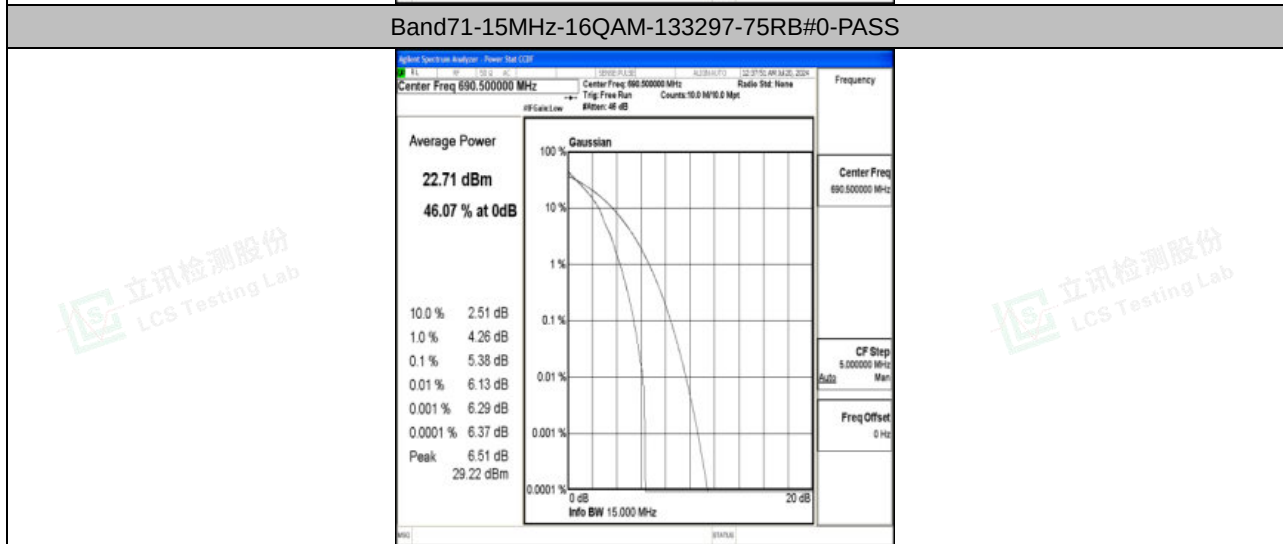
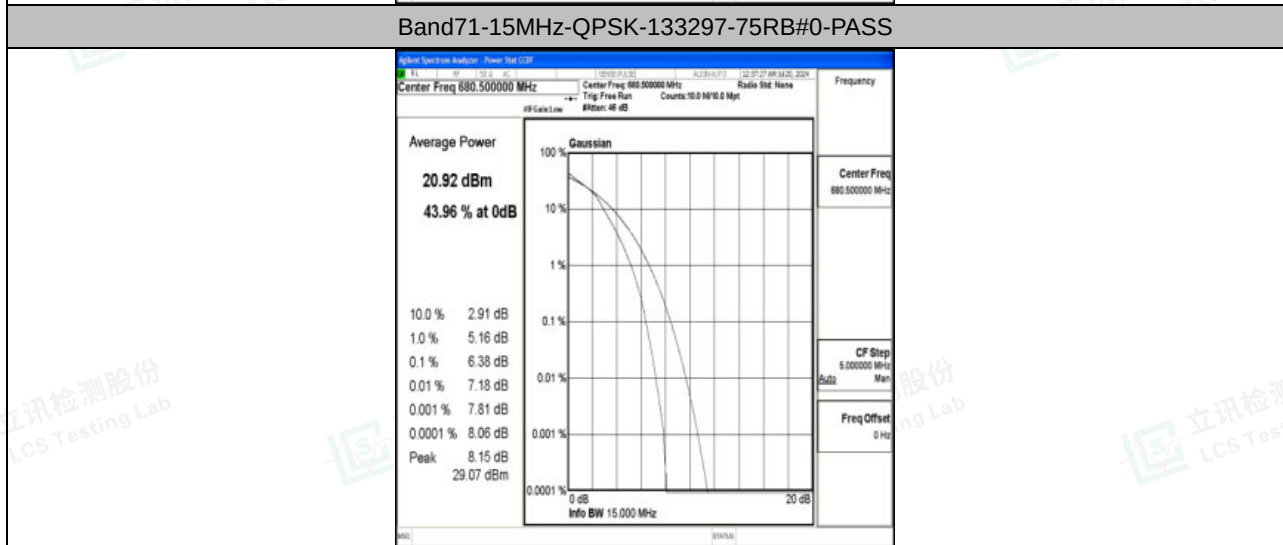
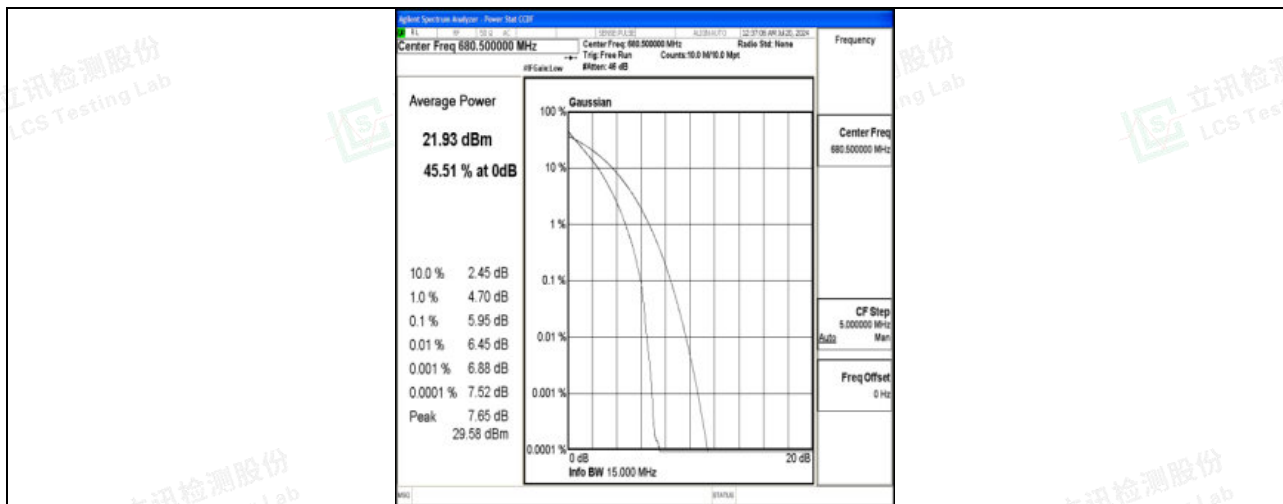


Shenzhen LCS Compliance Testing Laboratory Ltd.

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



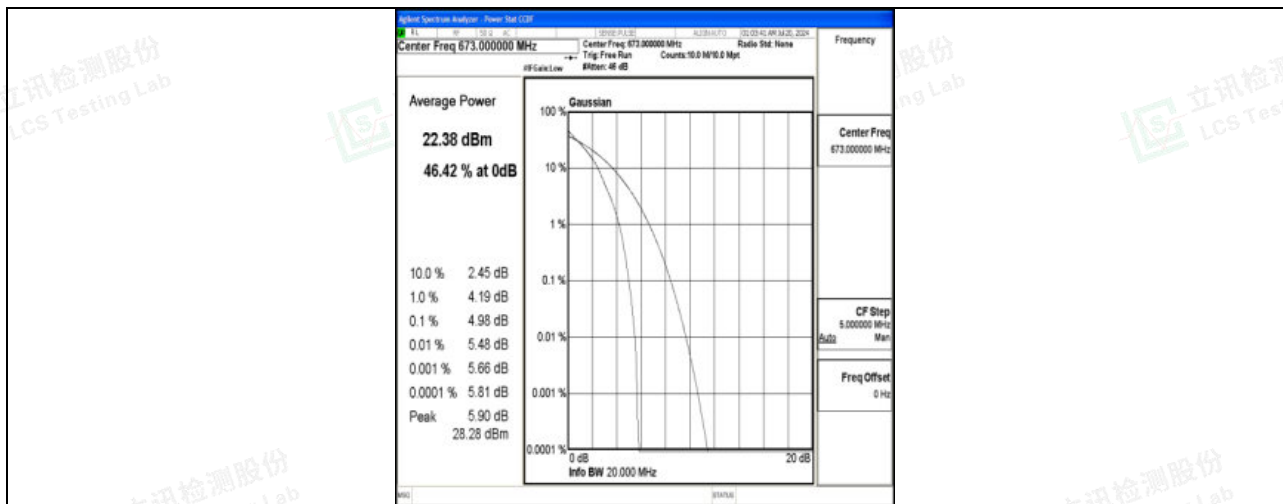


Shenzhen LCS Compliance Testing Laboratory Ltd.

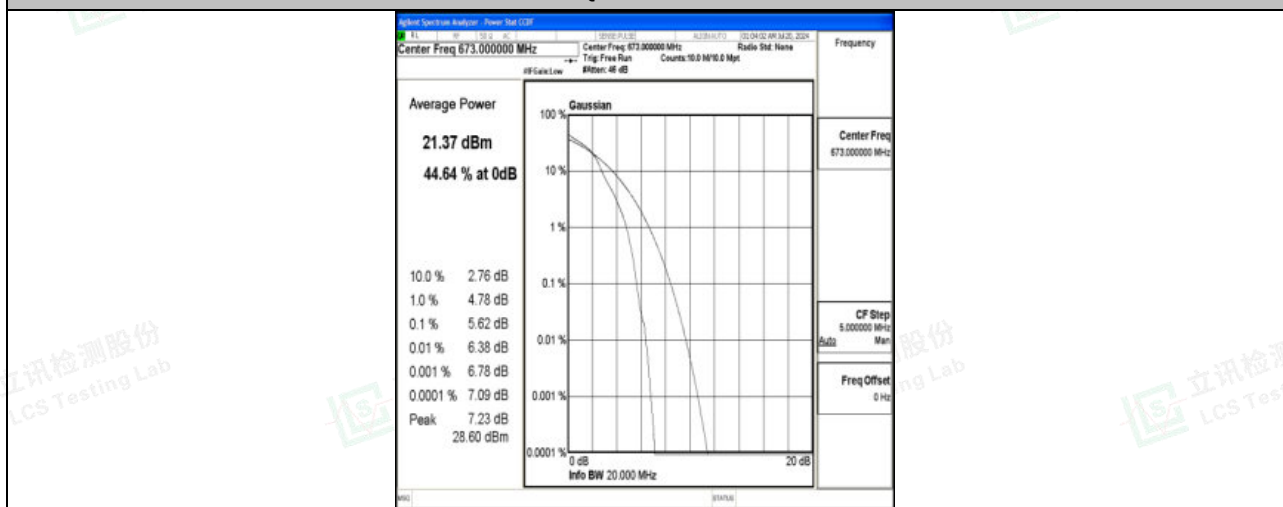
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

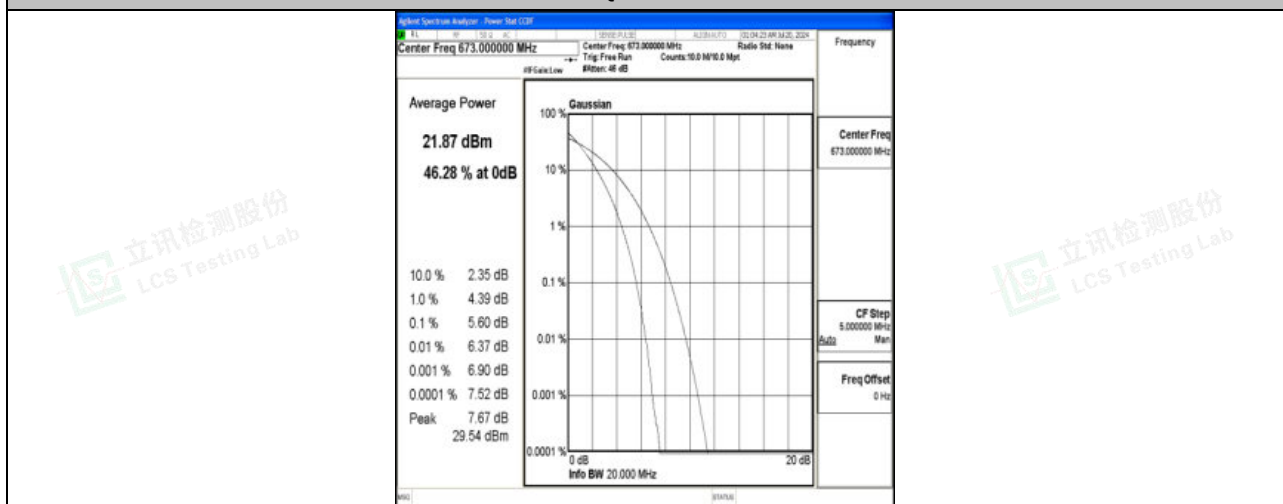
Scan code to check authenticity



Band71-20MHz-QPSK-133222-1RB#0-PASS



Band71-20MHz-16QAM-133222-1RB#0-PASS



Band71-20MHz-QPSK-133222-100RB#0-PASS

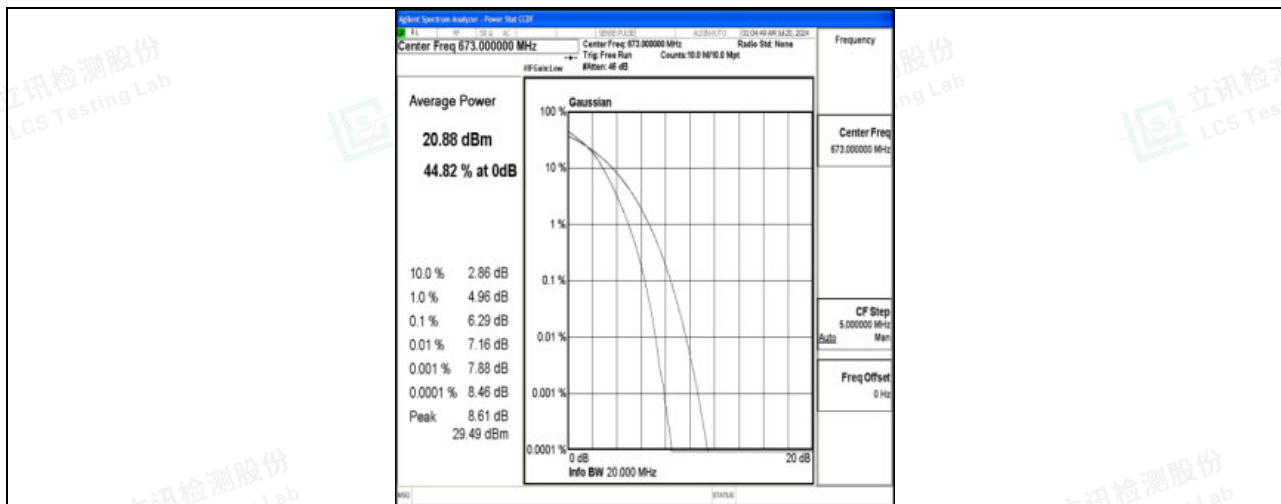


Shenzhen LCS Compliance Testing Laboratory Ltd.

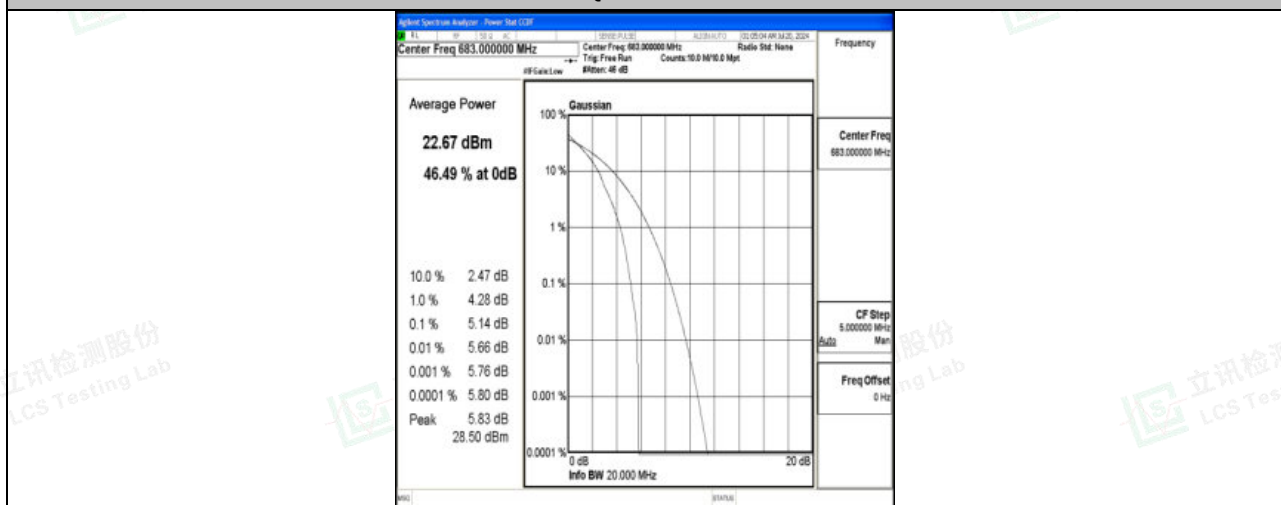
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

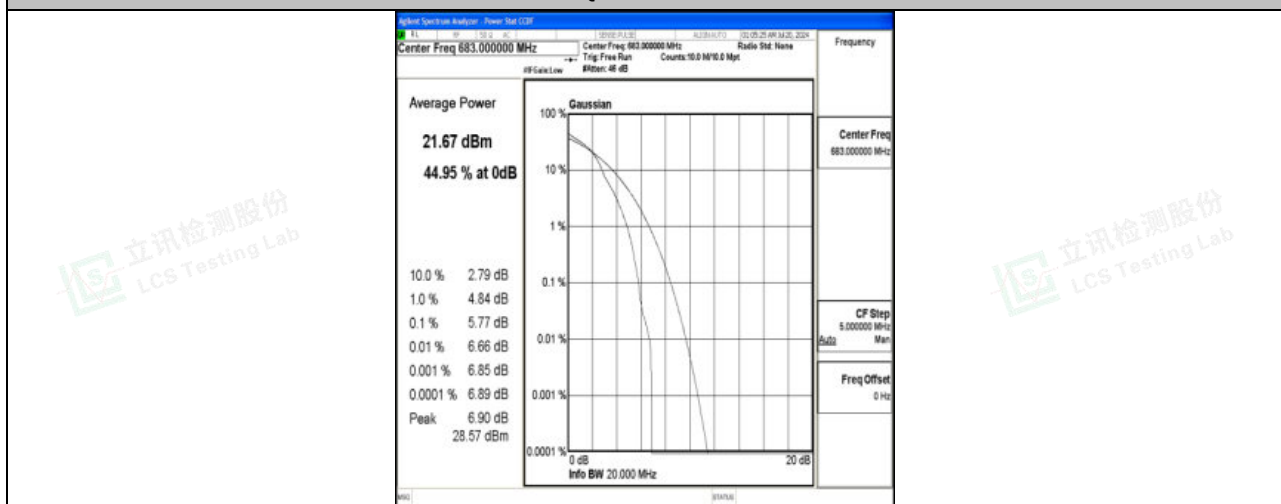
Scan code to check authenticity



Band71-20MHz-16QAM-133222-100RB#0-PASS



Band71-20MHz-QPSK-133322-1RB#0-PASS



Band71-20MHz-16QAM-133322-1RB#0-PASS

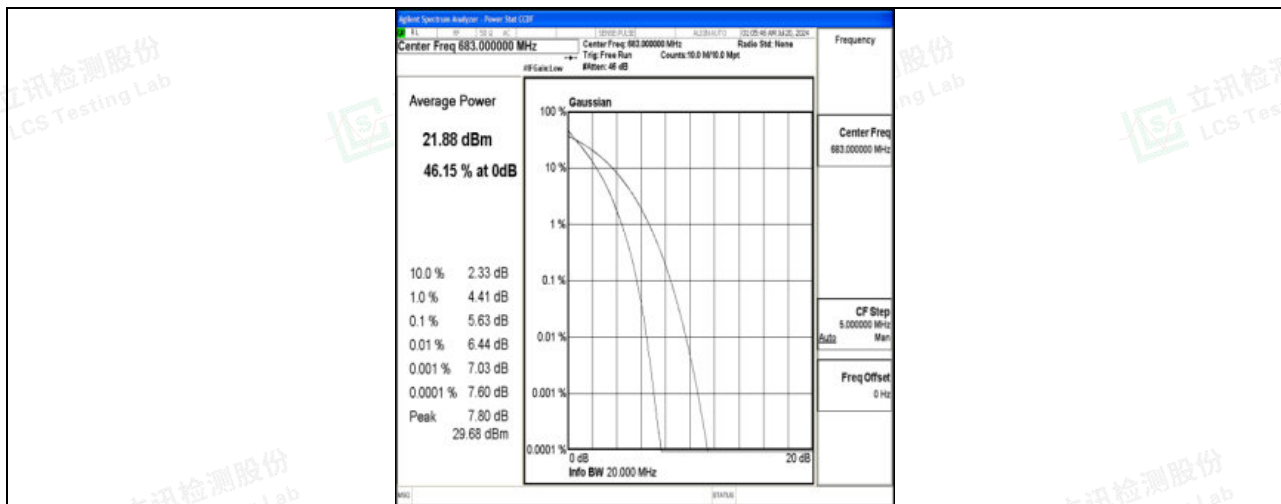


Shenzhen LCS Compliance Testing Laboratory Ltd.

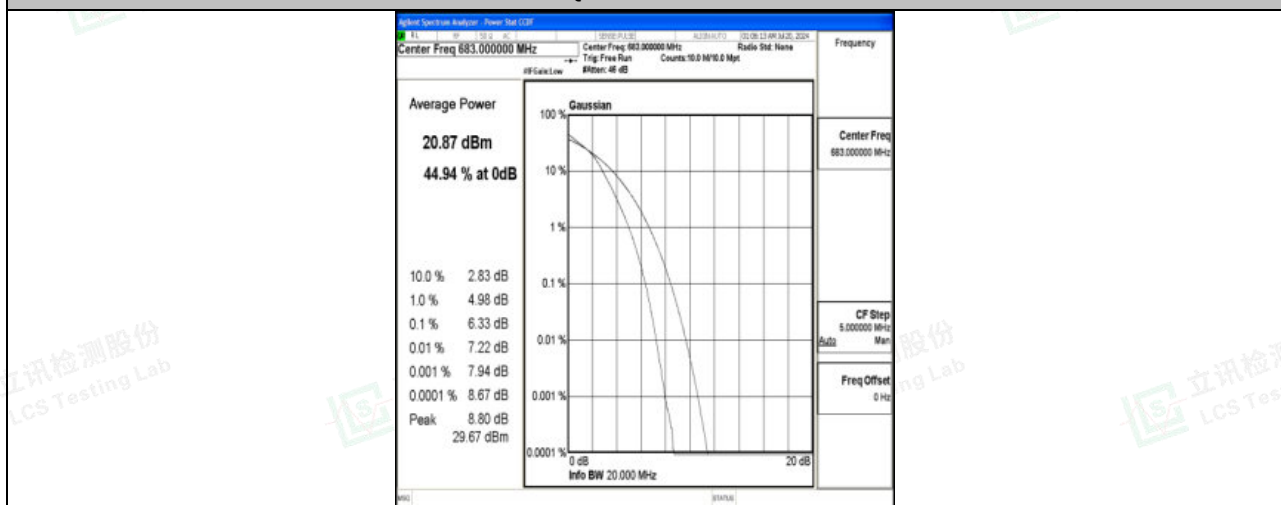
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

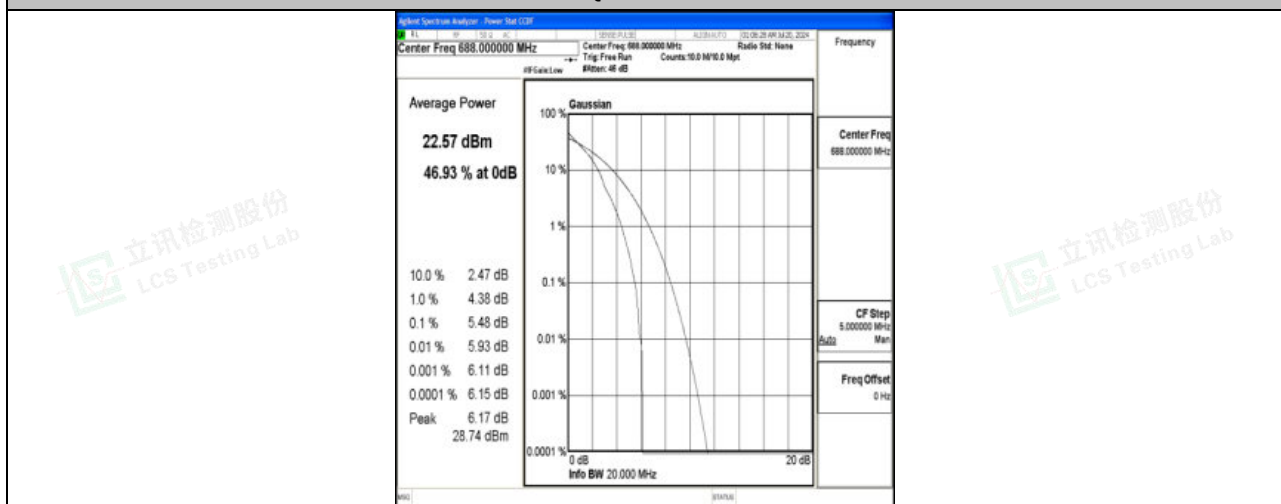
Scan code to check authenticity



Band71-20MHz-QPSK-133322-100RB#0-PASS



Band71-20MHz-16QAM-133322-100RB#0-PASS



Band71-20MHz-QPSK-133372-1RB#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





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

#### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band71 | 5MHz      | QPSK       | 133147  | 25RB#0           | 4.5251                   | 5.184                | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 25RB#0           | 4.5194                   | 5.121                | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 25RB#0           | 4.5281                   | 5.182                | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 25RB#0           | 4.5116                   | 5.122                | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 25RB#0           | 4.5133                   | 5.183                | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 25RB#0           | 4.5154                   | 5.117                | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 50RB#0           | 9.0115                   | 11.08                | PASS    |
| Band71 | 10MHz     | 16QAM      | 133172  | 50RB#0           | 9.0208                   | 10.62                | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 50RB#0           | 9.0086                   | 10.14                | PASS    |
| Band71 | 10MHz     | 16QAM      | 133297  | 50RB#0           | 9.0103                   | 10.07                | PASS    |
| Band71 | 10MHz     | QPSK       | 133422  | 50RB#0           | 9.0125                   | 10.18                | PASS    |
| Band71 | 10MHz     | 16QAM      | 133422  | 50RB#0           | 8.9975                   | 10.03                | PASS    |
| Band71 | 15MHz     | QPSK       | 133197  | 75RB#0           | 13.511                   | 15.07                | PASS    |
| Band71 | 15MHz     | 16QAM      | 133197  | 75RB#0           | 13.511                   | 15.00                | PASS    |
| Band71 | 15MHz     | QPSK       | 133297  | 75RB#0           | 13.548                   | 15.28                | PASS    |
| Band71 | 15MHz     | 16QAM      | 133297  | 75RB#0           | 13.500                   | 14.96                | PASS    |
| Band71 | 15MHz     | QPSK       | 133397  | 75RB#0           | 13.523                   | 14.97                | PASS    |
| Band71 | 15MHz     | 16QAM      | 133397  | 75RB#0           | 13.542                   | 15.02                | PASS    |
| Band71 | 20MHz     | QPSK       | 133222  | 100RB#0          | 17.948                   | 19.60                | PASS    |
| Band71 | 20MHz     | 16QAM      | 133222  | 100RB#0          | 17.942                   | 19.72                | PASS    |
| Band71 | 20MHz     | QPSK       | 133322  | 100RB#0          | 17.962                   | 19.84                | PASS    |
| Band71 | 20MHz     | 16QAM      | 133322  | 100RB#0          | 17.922                   | 19.59                | PASS    |
| Band71 | 20MHz     | QPSK       | 133372  | 100RB#0          | 18.032                   | 19.91                | PASS    |
| Band71 | 20MHz     | 16QAM      | 133372  | 100RB#0          | 17.987                   | 19.71                | 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



## Test Graphs



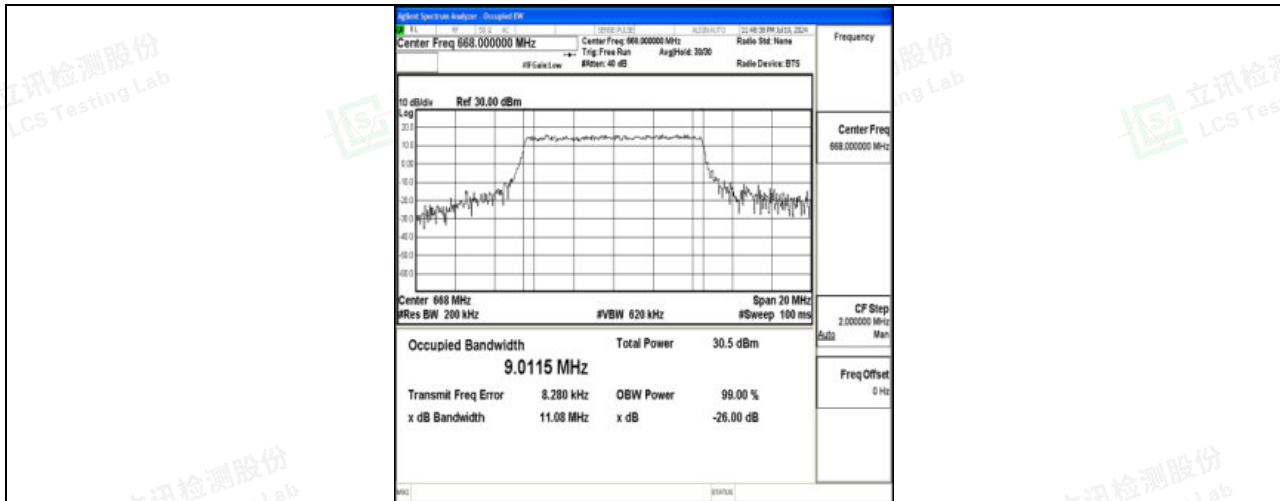


Shenzhen LCS Compliance Testing Laboratory Ltd.

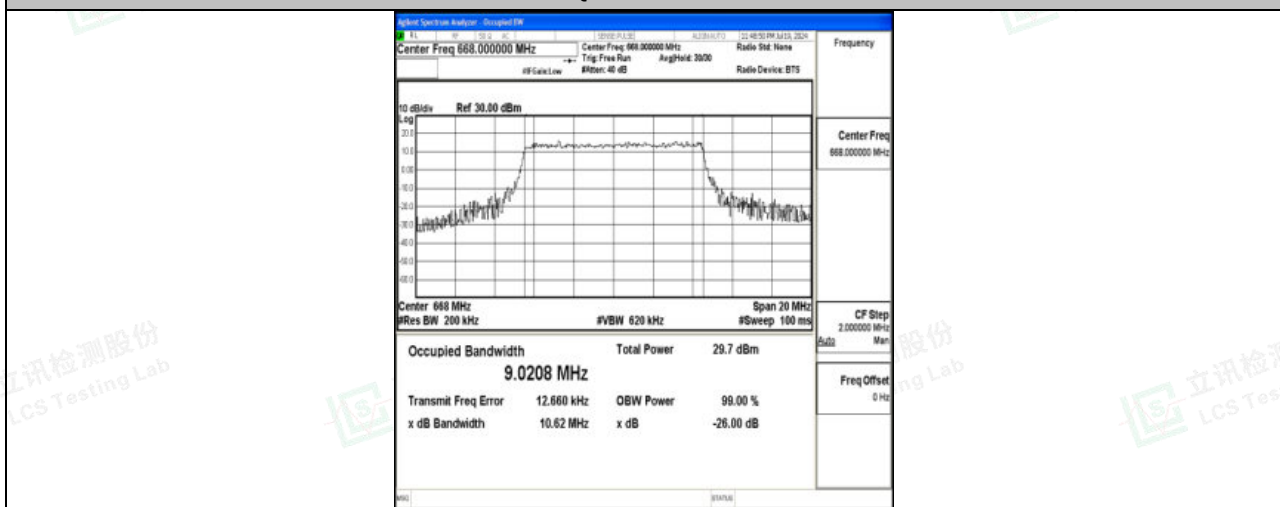
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

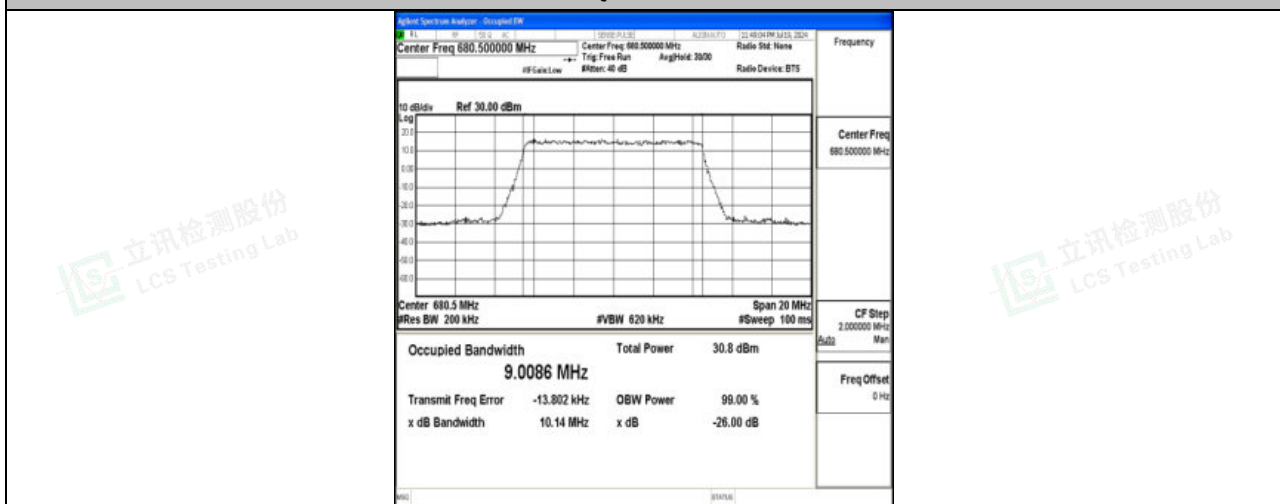
Scan code to check authenticity



Band71-10MHz-QPSK-133172-50RB#0-PASS



Band71-10MHz-16QAM-133172-50RB#0-PASS



Band71-10MHz-QPSK-133297-50RB#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



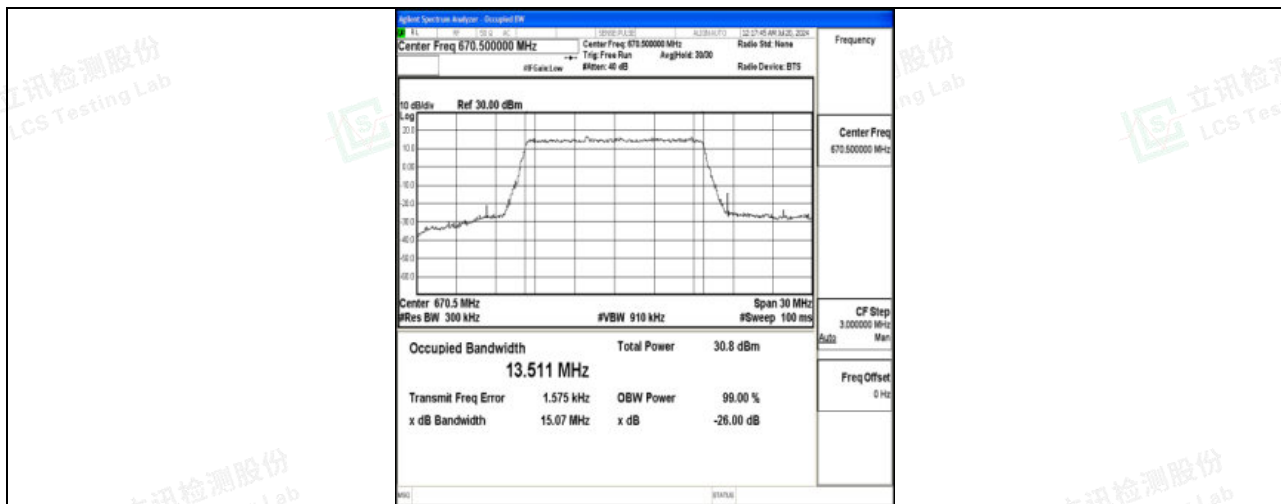
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

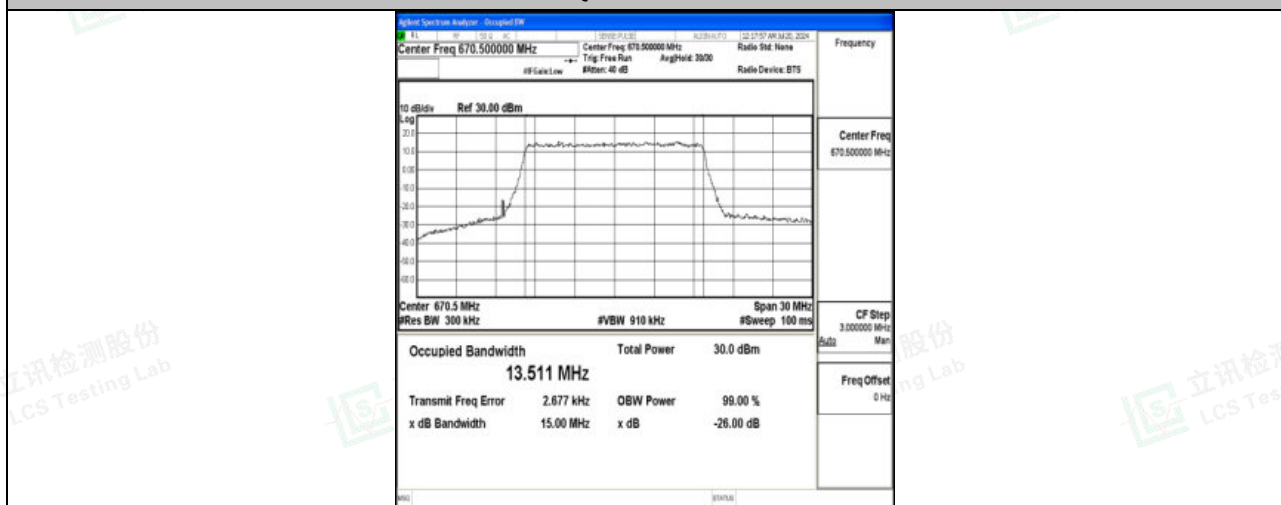
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

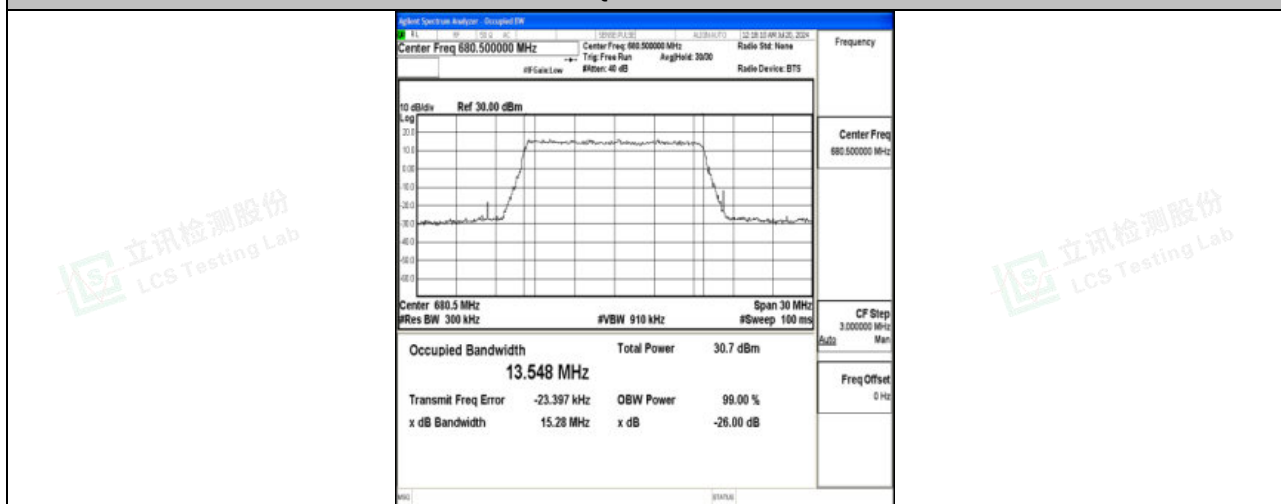




Band71-15MHz-QPSK-133197-75RB#0-PASS



Band71-15MHz-16QAM-133197-75RB#0-PASS



Band71-15MHz-QPSK-133297-75RB#0-PASS

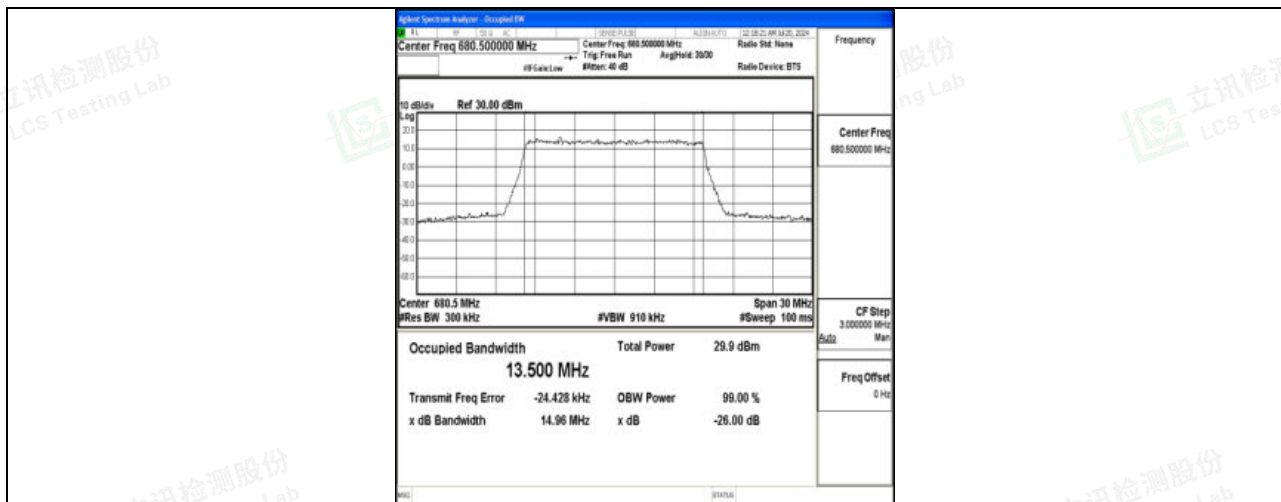


Shenzhen LCS Compliance Testing Laboratory Ltd.

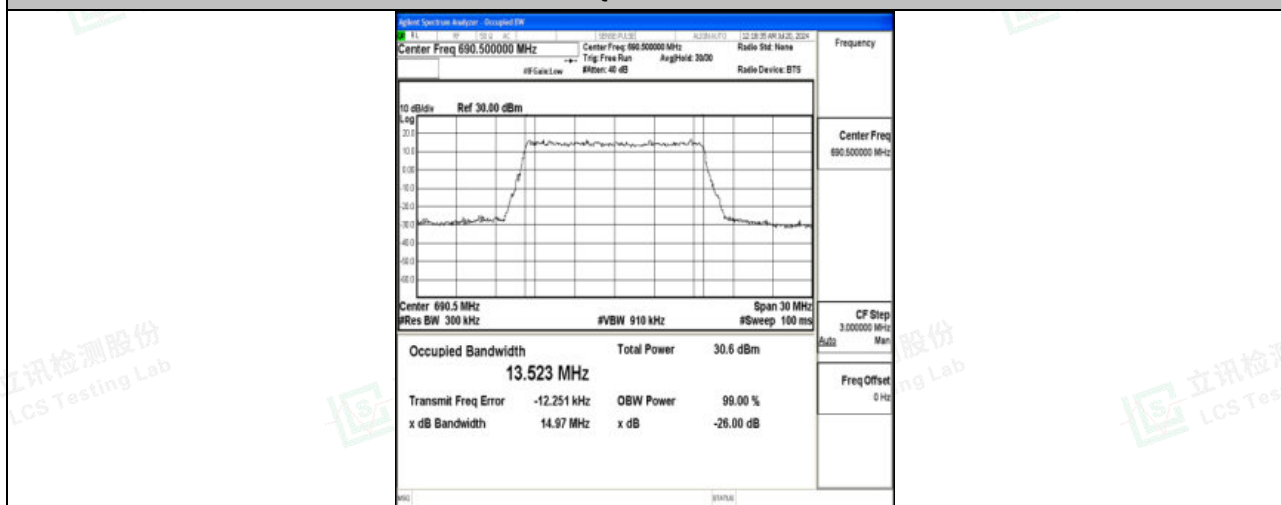
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

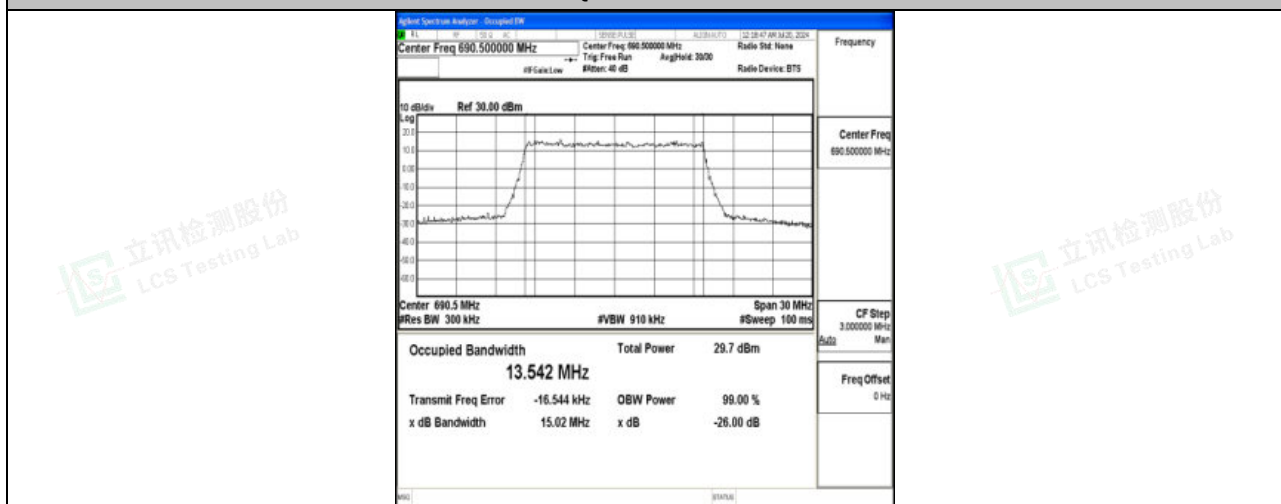
Scan code to check authenticity



Band71-15MHz-16QAM-133297-75RB#0-PASS



Band71-15MHz-QPSK-133397-75RB#0-PASS



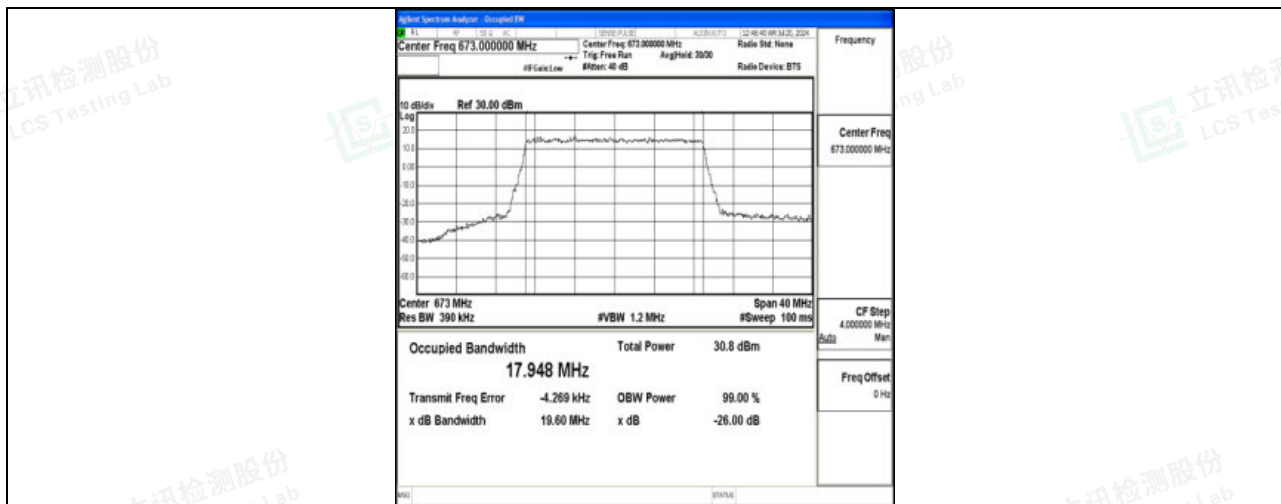
Band71-15MHz-16QAM-133397-75RB#0-PASS



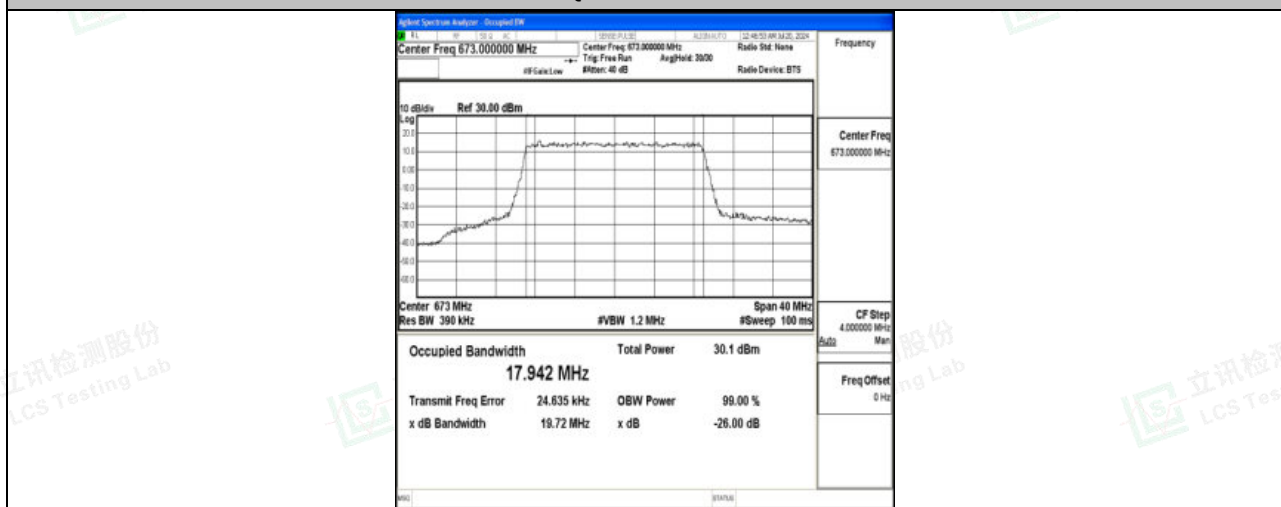
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

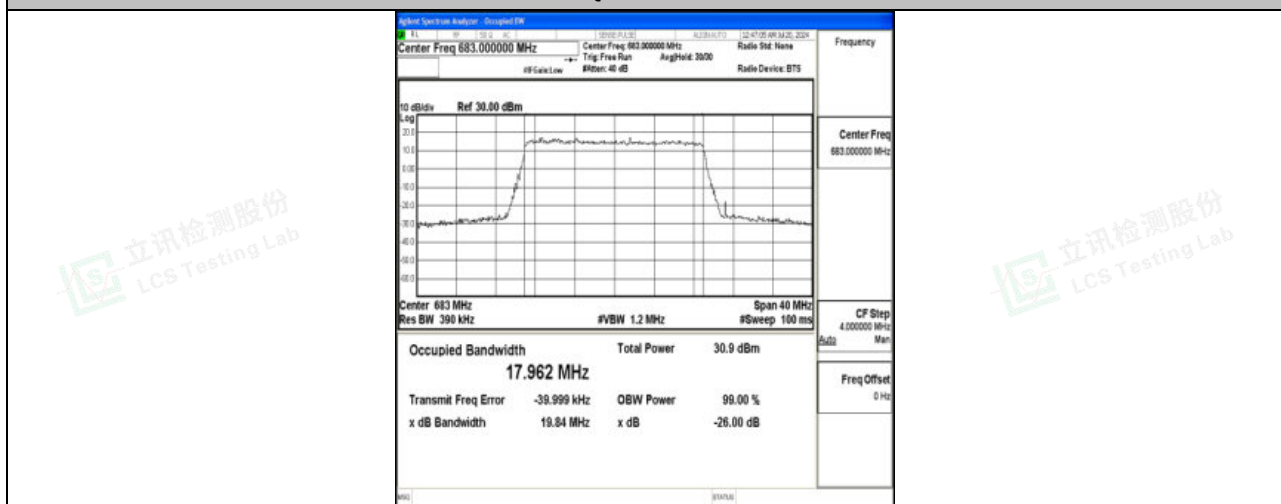
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity



Band71-20MHz-QPSK-133222-100RB#0-PASS



Band71-20MHz-16QAM-133222-100RB#0-PASS



Band71-20MHz-QPSK-133322-100RB#0-PASS

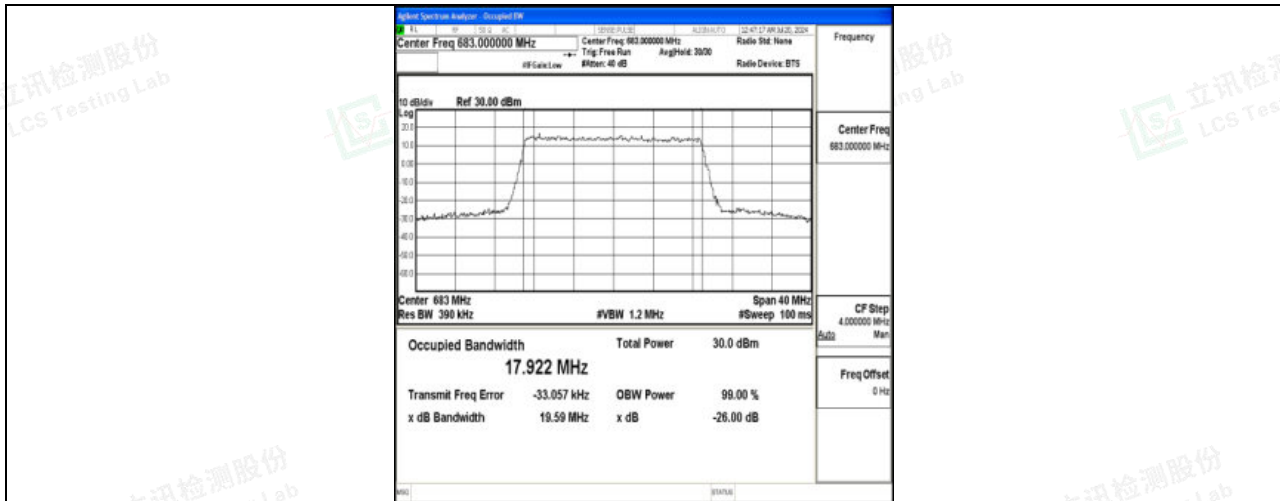


Shenzhen LCS Compliance Testing Laboratory Ltd.

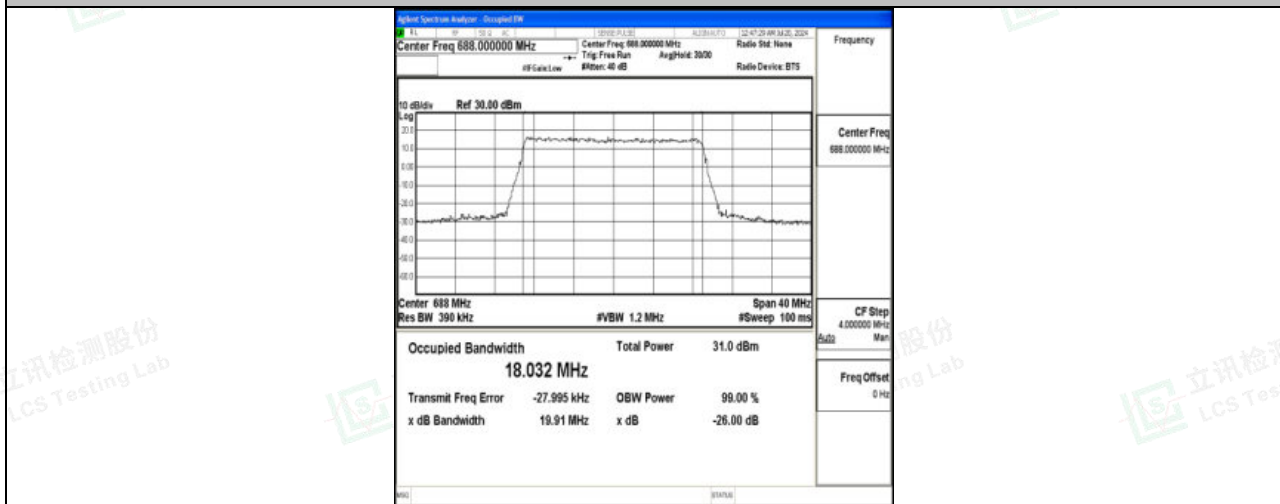
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

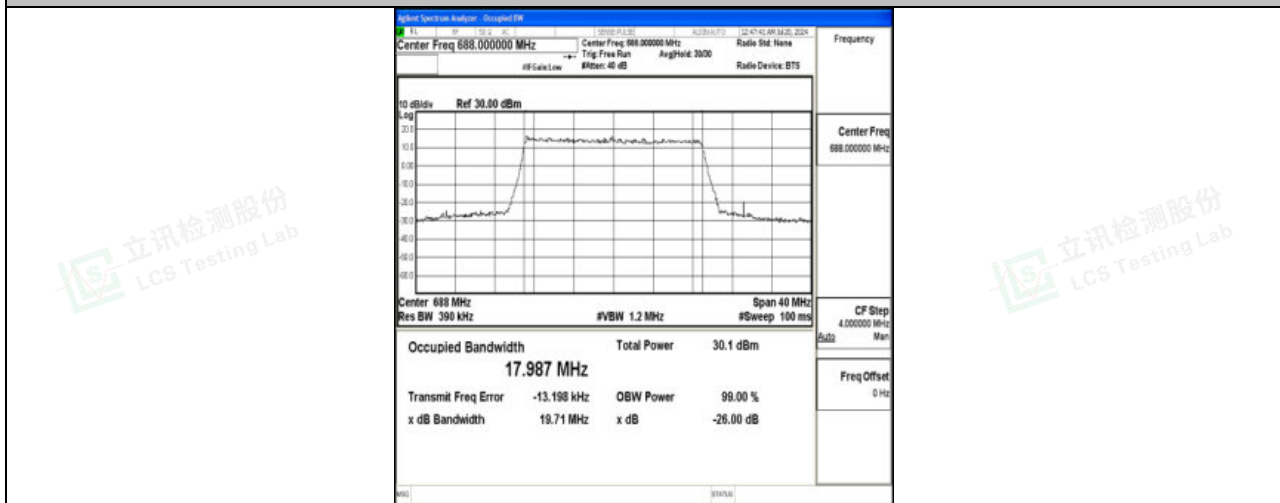
Scan code to check authenticity



Band71-20MHz-16QAM-133322-100RB#0-PASS



Band71-20MHz-QPSK-133372-100RB#0-PASS



Band71-20MHz-16QAM-133372-100RB#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

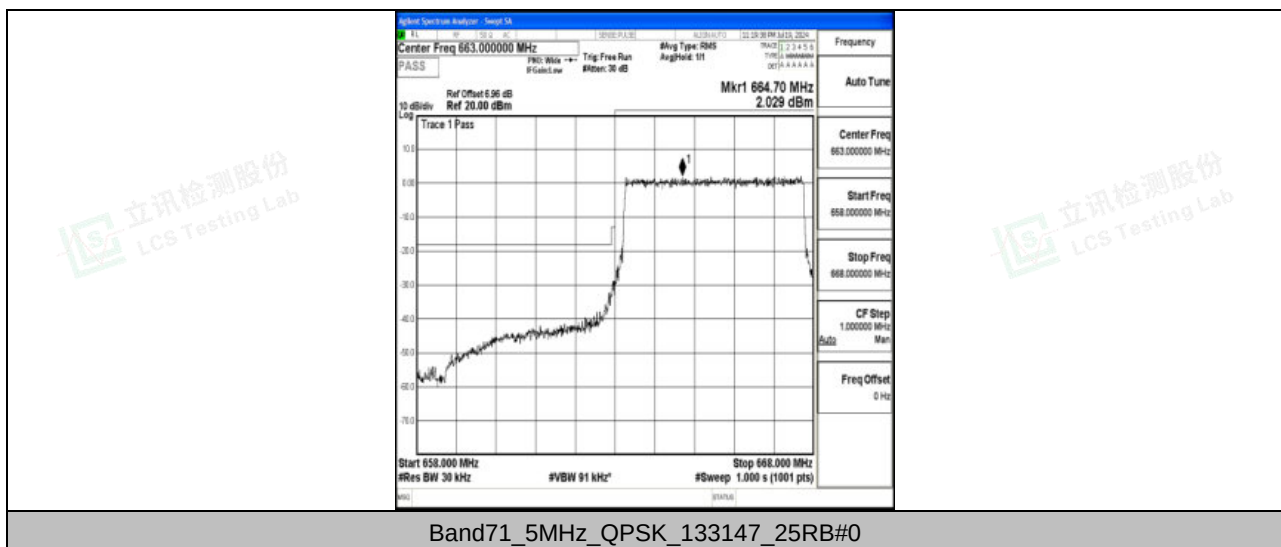


## O.4 Band Edge

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Peak Frequency | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|----------------|-------------|---------|
| Band71 | 5MHz      | QPSK       | 133147  | 25RB#0           | 662.87         | -32.16      | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 25RB#0           | 662.90         | -32.48      | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 25RB#0           | 698.10         | -32.28      | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 25RB#0           | 698.11         | -33.96      | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 50RB#0           | 662.83         | -37.24      | PASS    |
| Band71 | 10MHz     | 16QAM      | 133172  | 50RB#0           | 662.83         | -39.24      | PASS    |
| Band71 | 10MHz     | QPSK       | 133422  | 50RB#0           | 698.11         | -39.35      | PASS    |
| Band71 | 10MHz     | 16QAM      | 133422  | 50RB#0           | 698.11         | -38.83      | PASS    |
| Band71 | 15MHz     | QPSK       | 133197  | 75RB#0           | 662.82         | -41.37      | PASS    |
| Band71 | 15MHz     | 16QAM      | 133197  | 75RB#0           | 662.86         | -41.65      | PASS    |
| Band71 | 15MHz     | QPSK       | 133397  | 75RB#0           | 698.12         | -42.03      | PASS    |
| Band71 | 15MHz     | 16QAM      | 133397  | 75RB#0           | 698.10         | -41.77      | PASS    |
| Band71 | 20MHz     | QPSK       | 133222  | 100RB#0          | 662.90         | -43.60      | PASS    |
| Band71 | 20MHz     | 16QAM      | 133222  | 100RB#0          | 662.75         | -45.13      | PASS    |
| Band71 | 20MHz     | QPSK       | 133372  | 100RB#0          | 698.13         | -43.60      | PASS    |
| Band71 | 20MHz     | 16QAM      | 133372  | 100RB#0          | 698.15         | -43.83      | PASS    |

### Test Graphs



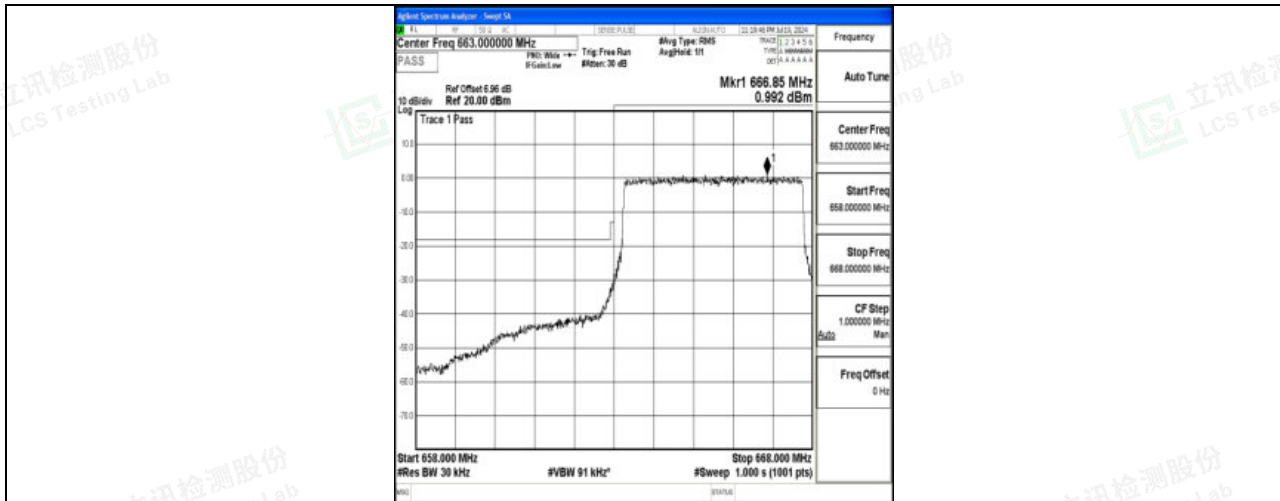
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

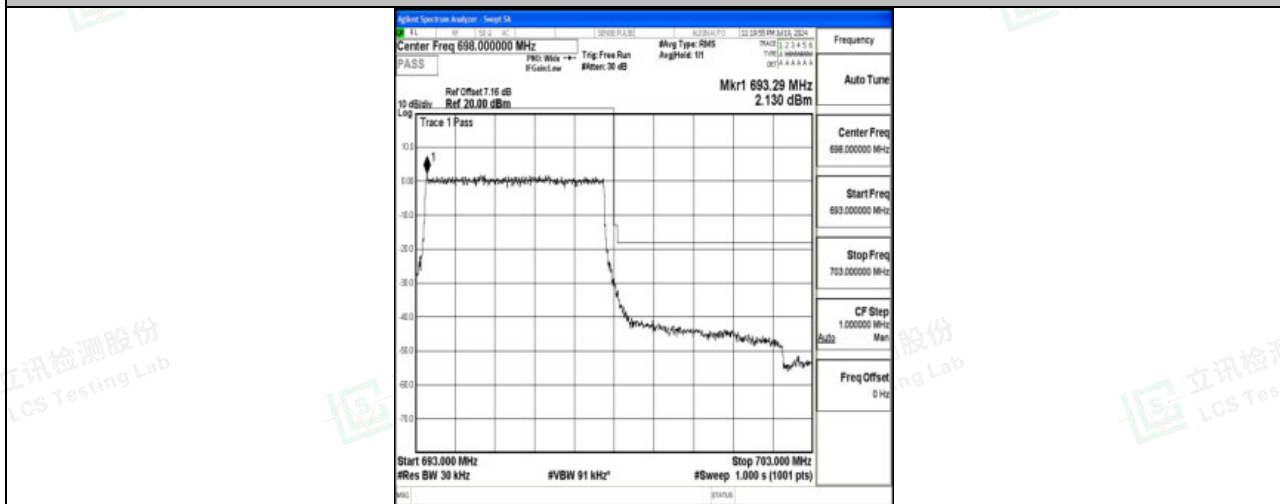
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

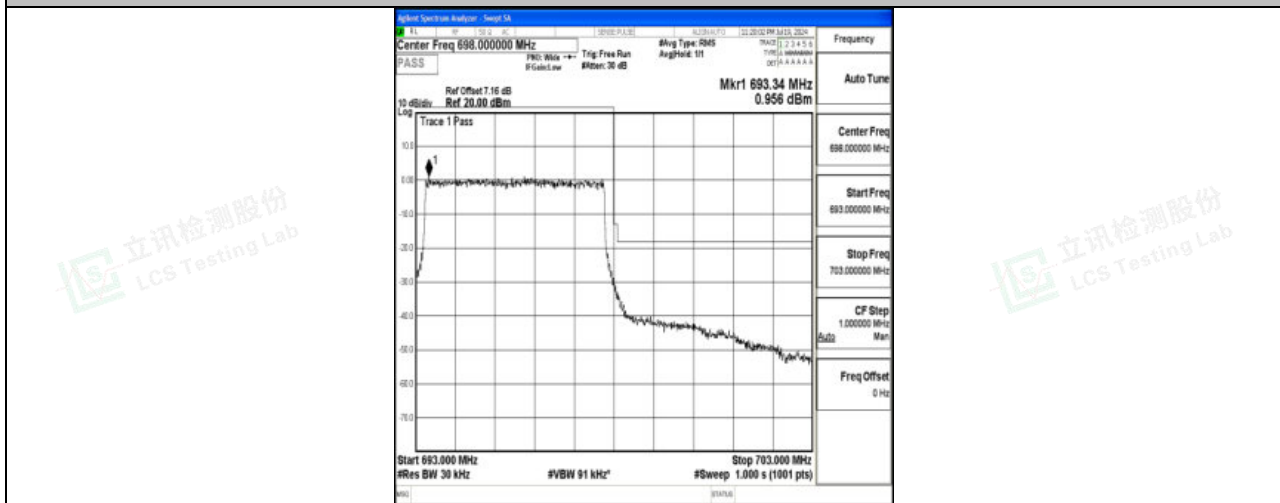




Band71\_5MHz\_16QAM\_133147\_25RB#0



Band71\_5MHz\_QPSK\_133447\_25RB#0



Band71\_5MHz\_16QAM\_133447\_25RB#0

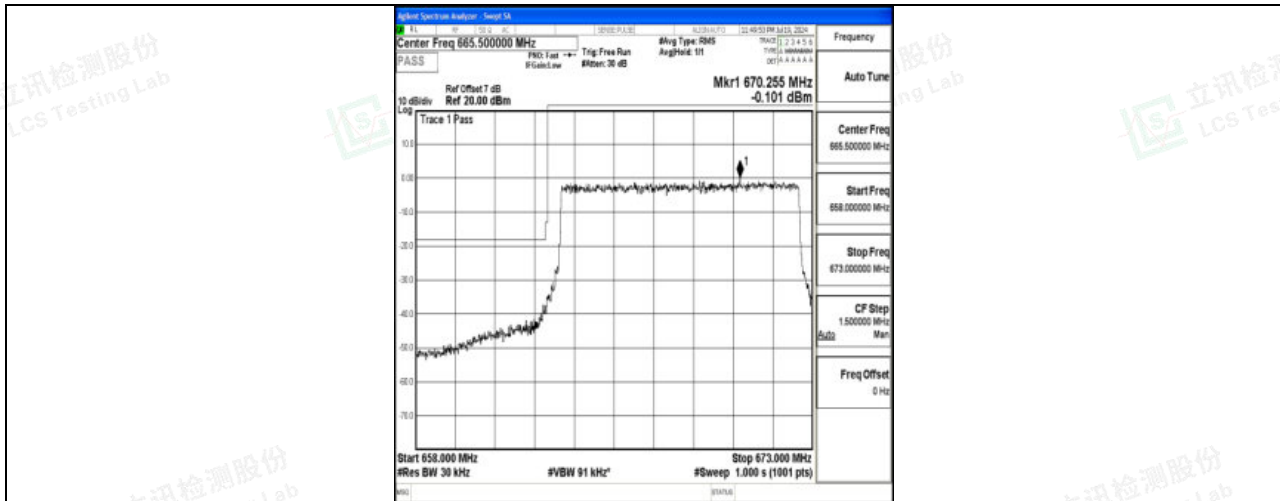


Shenzhen LCS Compliance Testing Laboratory Ltd.

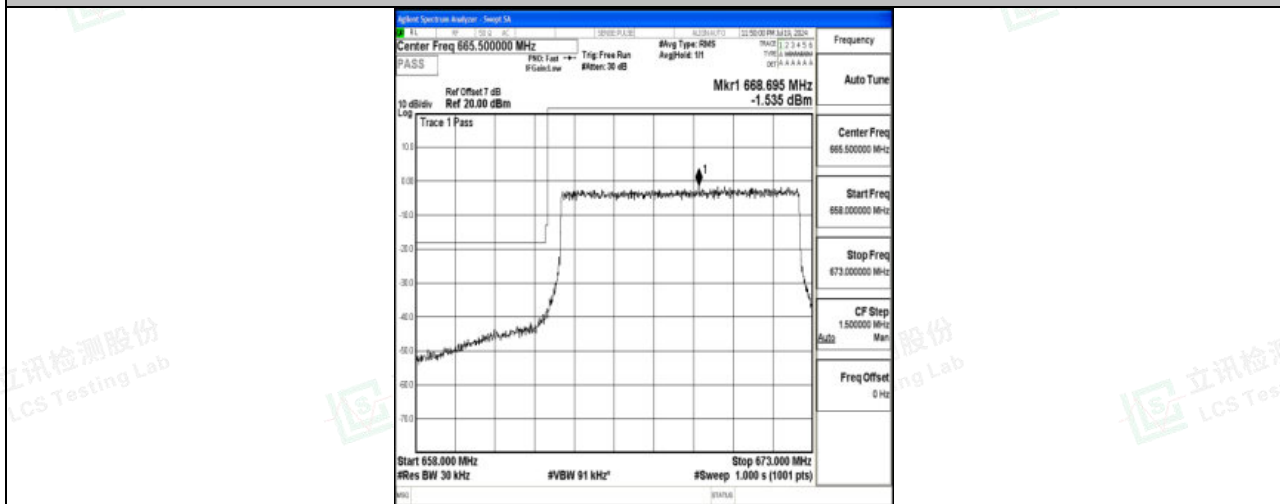
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

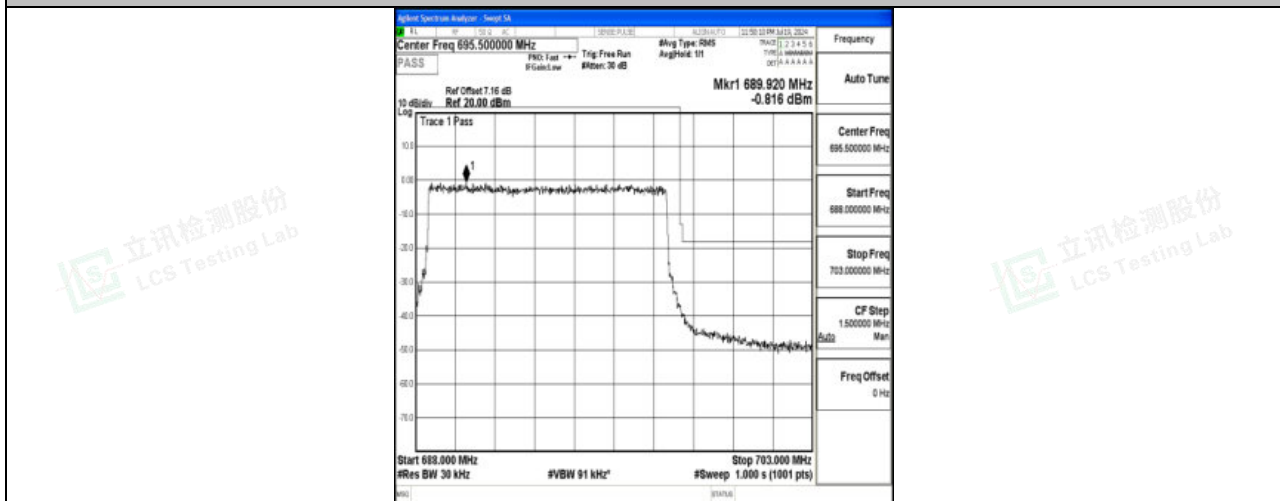
Scan code to check authenticity



Band71\_10MHz\_QPSK\_133172\_50RB#0



Band71\_10MHz\_16QAM\_133172\_50RB#0



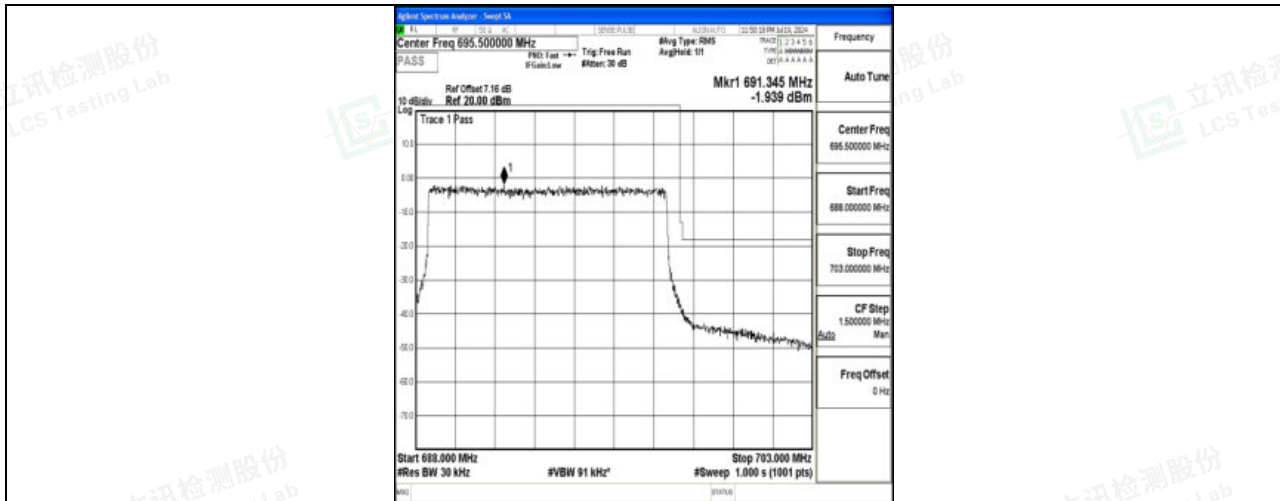
Band71\_10MHz\_QPSK\_133422\_50RB#0



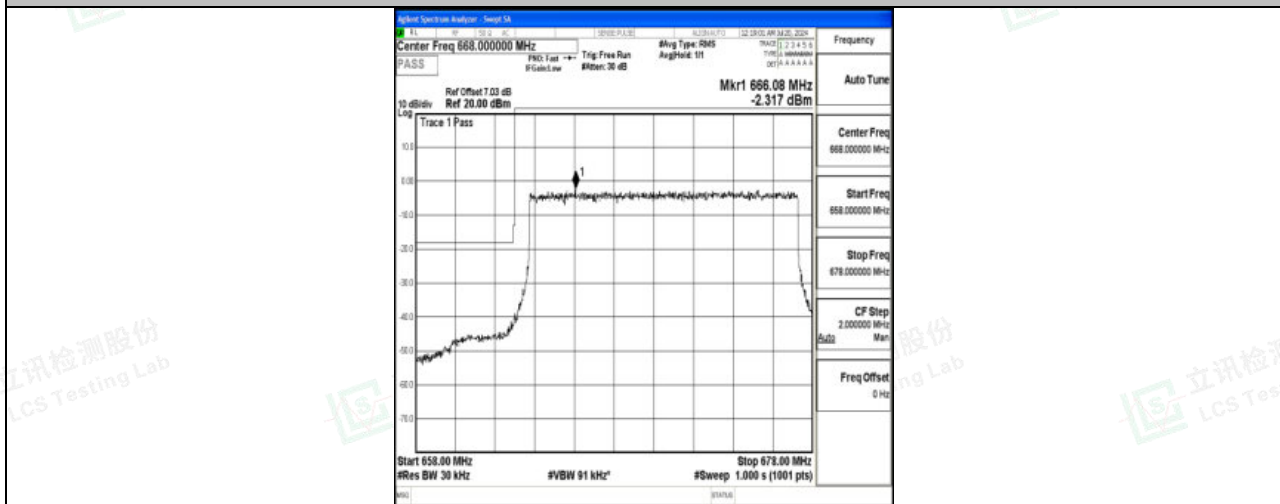
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

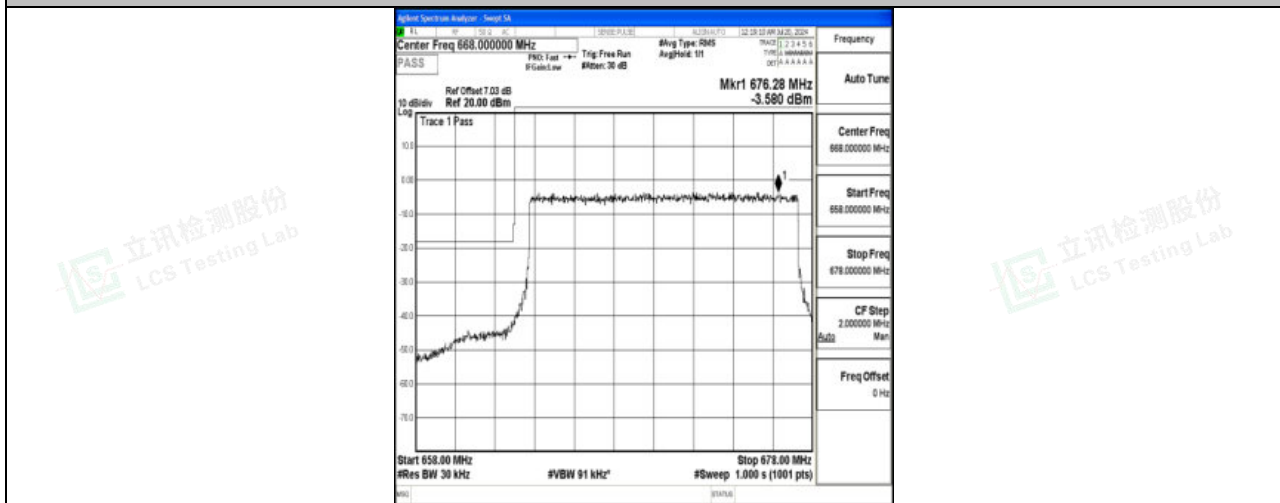
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity



Band71\_10MHz\_16QAM\_133422\_50RB#0



Band71\_15MHz\_QPSK\_133197\_75RB#0



Band71\_15MHz\_16QAM\_133197\_75RB#0

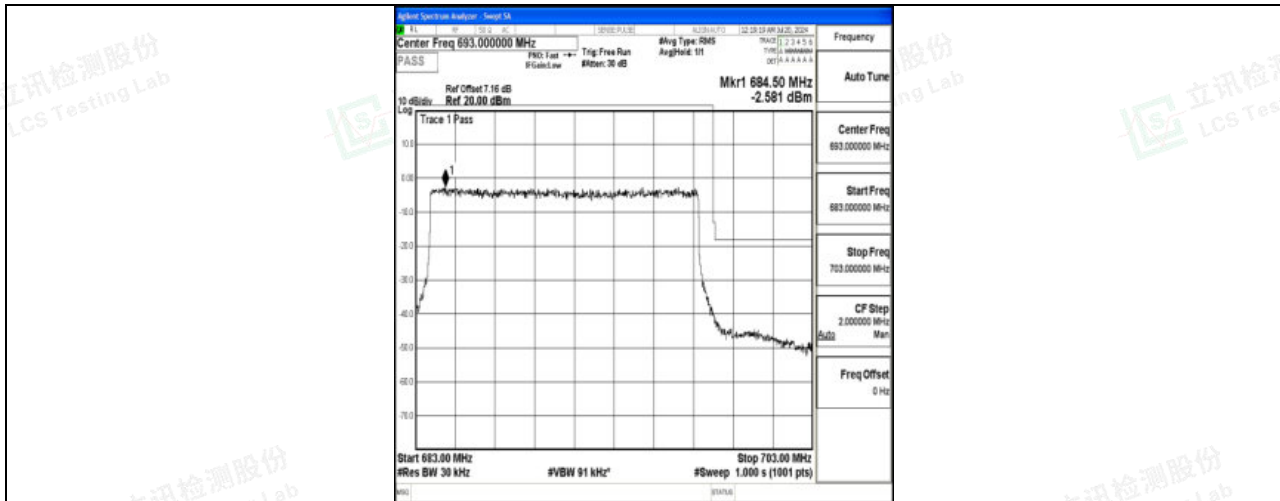


Shenzhen LCS Compliance Testing Laboratory Ltd.

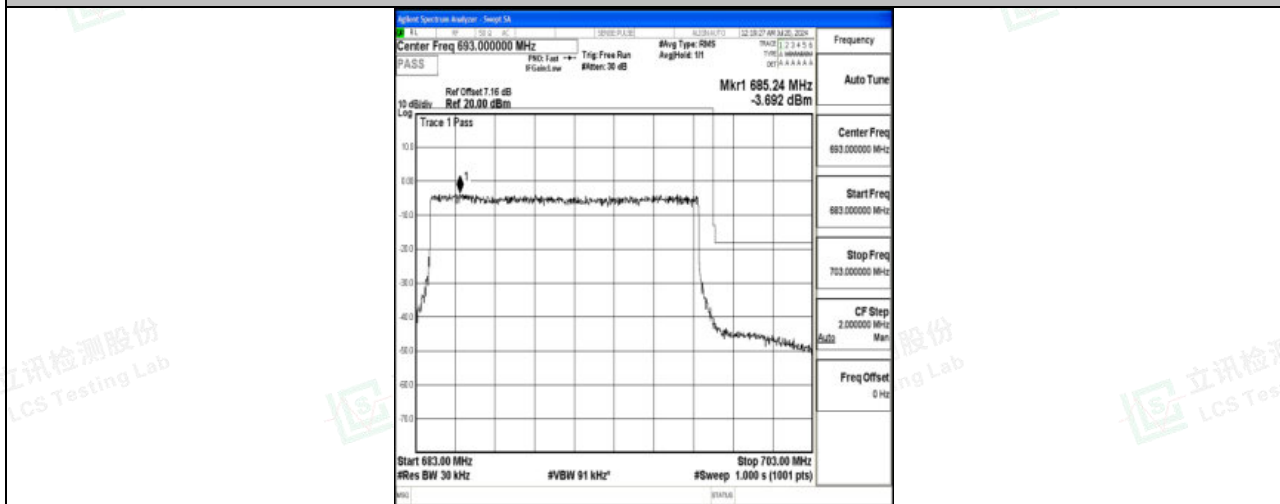
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

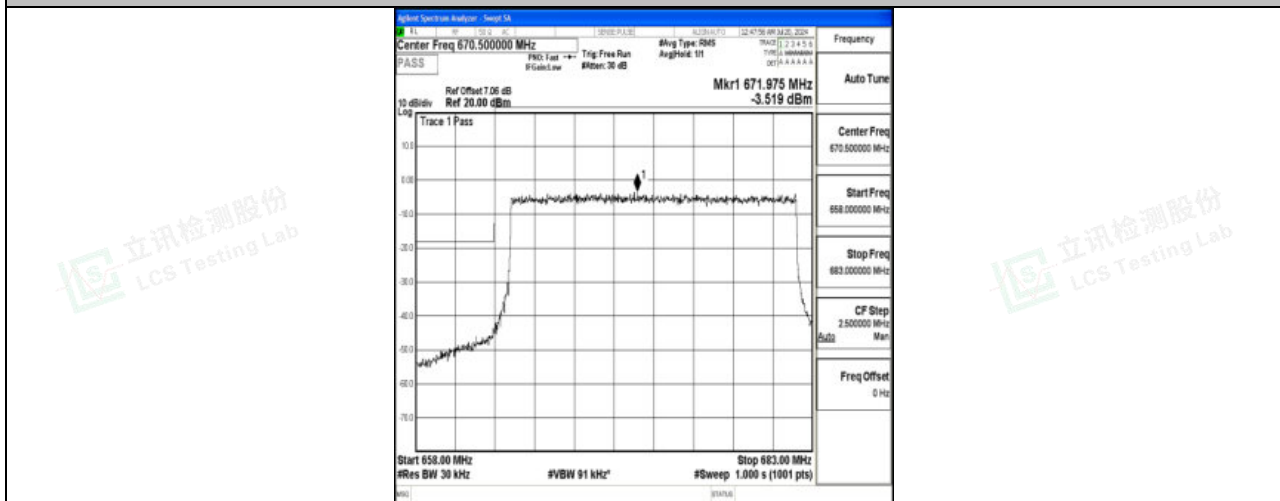
Scan code to check authenticity



Band71\_15MHz\_QPSK\_133397\_75RB#0



Band71\_15MHz\_16QAM\_133397\_75RB#0



Band71\_20MHz\_QPSK\_133222\_100RB#0

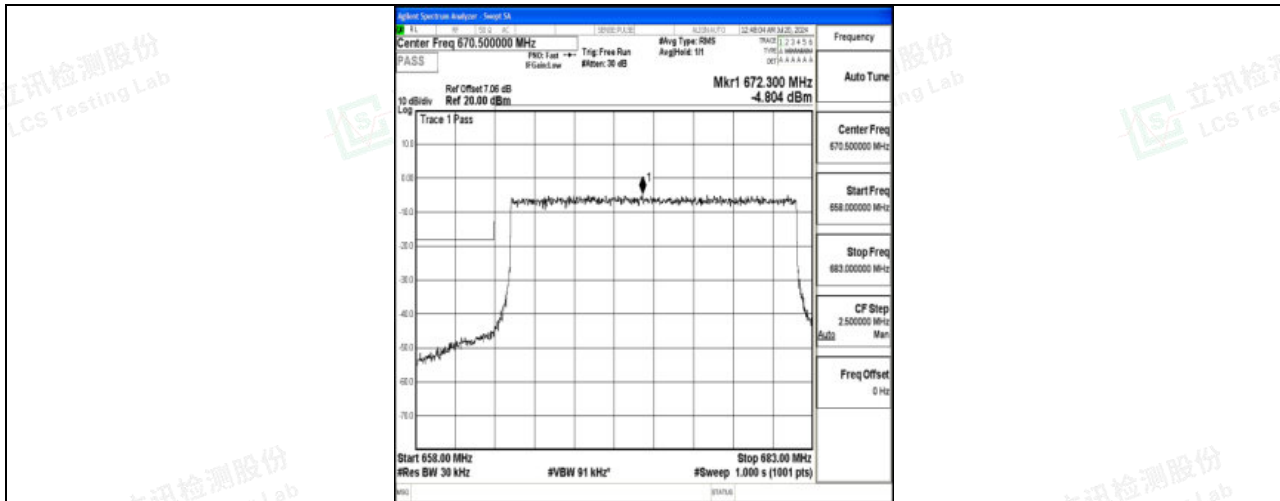


Shenzhen LCS Compliance Testing Laboratory Ltd.

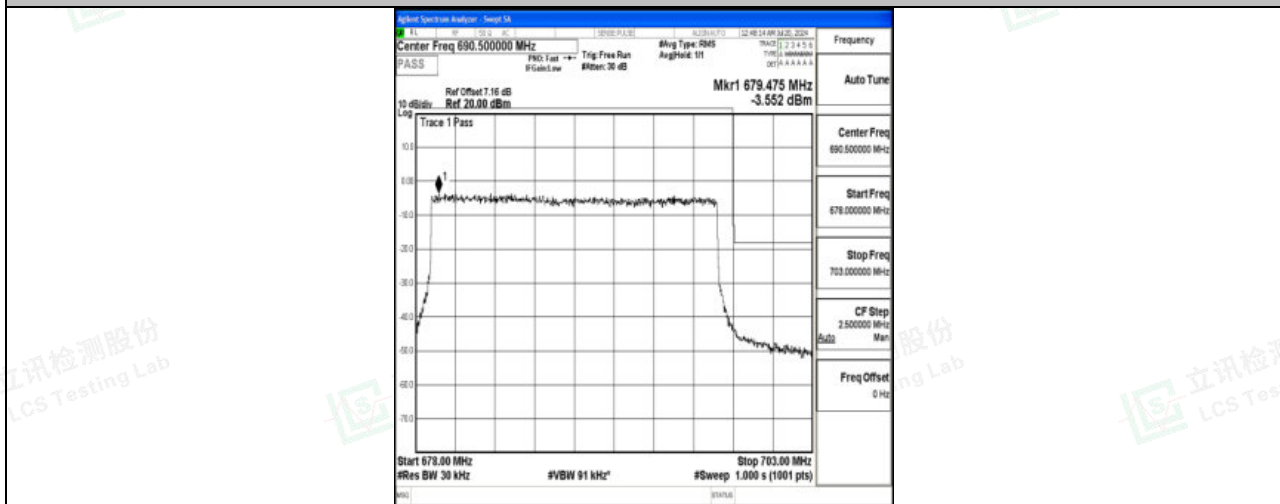
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

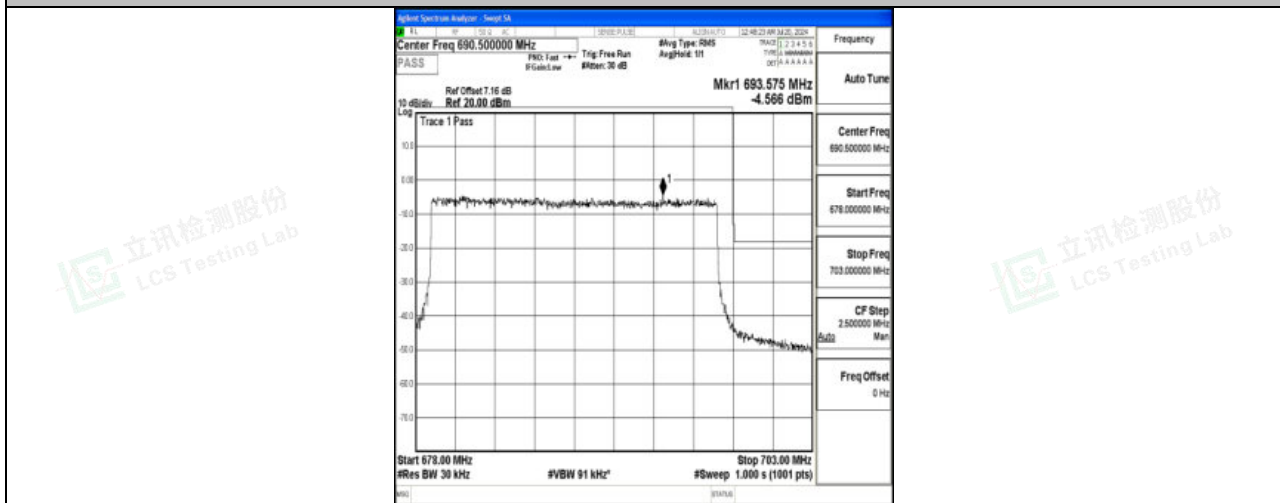
Scan code to check authenticity



Band71\_20MHz\_16QAM\_133222\_100RB#0



Band71\_20MHz\_QPSK\_133372\_100RB#0



Band71\_20MHz\_16QAM\_133372\_100RB#0







## O.5 Conducted Spurious Emission

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-----------------|--------------|---------|
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#0            | 0.009~0.15      | -58.74       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#0            | 0.15~30         | -52.11       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#0            | 30~1000         | -62.15       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#0            | 1000~3000       | -47.90       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#0            | 0.009~0.15      | -61.36       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#0            | 0.15~30         | -52.98       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#0            | 30~1000         | -62.12       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#0            | 1000~3000       | -47.50       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#0            | 3000~10000      | -44.11       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 1RB#0            | 0.009~0.15      | -55.57       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 1RB#0            | 0.15~30         | -51.21       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 1RB#0            | 30~1000         | -49.54       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 1RB#0            | 1000~3000       | -47.88       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 1RB#0            | 3000~10000      | -43.85       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#0            | 0.009~0.15      | -59.00       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#0            | 0.15~30         | -53.32       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#0            | 30~1000         | -53.43       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#0            | 1000~3000       | -47.70       | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 1RB#0            | 0.009~0.15      | -55.24       | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 1RB#0            | 0.15~30         | -50.44       | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 1RB#0            | 30~1000         | -62.26       | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 1RB#0            | 1000~3000       | -47.74       | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 1RB#0            | 3000~10000      | -43.91       | PASS    |
| Band71 | 10MHz     | 16QAM      | 133172  | 1RB#0            | 0.009~0.15      | -56.20       | PASS    |
| Band71 | 10MHz     | 16QAM      | 133172  | 1RB#0            | 0.15~30         | -50.57       | PASS    |
| Band71 | 10MHz     | 16QAM      | 133172  | 1RB#0            | 30~1000         | -62.16       | PASS    |
| Band71 | 10MHz     | 16QAM      | 133172  | 1RB#0            | 1000~3000       | -47.95       | PASS    |
| Band71 | 10MHz     | 16QAM      | 133172  | 1RB#0            | 3000~10000      | -43.91       | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 1RB#0            | 0.009~0.15      | -57.39       | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 1RB#0            | 0.15~30         | -53.13       | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 1RB#0            | 30~1000         | -61.79       | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 1RB#0            | 1000~3000       | -47.82       | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 1RB#0            | 3000~10000      | -44.27       | PASS    |
| Band71 | 10MHz     | 16QAM      | 133297  | 1RB#0            | 0.009~0.15      | -55.42       | PASS    |
| Band71 | 10MHz     | 16QAM      | 133297  | 1RB#0            | 0.15~30         | -51.63       | PASS    |
| Band71 | 10MHz     | 16QAM      | 133297  | 1RB#0            | 30~1000         | -62.04       | 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



|        |       |       |        |       |            |        |      |
|--------|-------|-------|--------|-------|------------|--------|------|
| Band71 | 10MHz | 16QAM | 133297 | 1RB#0 | 1000~3000  | -47.76 | PASS |
| Band71 | 5MHz  | QPSK  | 133147 | 1RB#0 | 3000~10000 | -44.05 | PASS |
| Band71 | 5MHz  | 16QAM | 133147 | 1RB#0 | 0.009~0.15 | -55.92 | PASS |
| Band71 | 5MHz  | 16QAM | 133147 | 1RB#0 | 0.15~30    | -53.13 | PASS |
| Band71 | 5MHz  | 16QAM | 133147 | 1RB#0 | 30~1000    | -62.11 | PASS |
| Band71 | 5MHz  | 16QAM | 133147 | 1RB#0 | 1000~3000  | -47.77 | PASS |
| Band71 | 5MHz  | 16QAM | 133147 | 1RB#0 | 3000~10000 | -43.92 | PASS |
| Band71 | 5MHz  | QPSK  | 133447 | 1RB#0 | 3000~10000 | -44.41 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 1RB#0 | 0.009~0.15 | -58.87 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 1RB#0 | 0.15~30    | -51.80 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 1RB#0 | 30~1000    | -52.18 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 1RB#0 | 1000~3000  | -47.03 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 1RB#0 | 3000~10000 | -44.18 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#0 | 0.009~0.15 | -58.72 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#0 | 0.15~30    | -52.11 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#0 | 30~1000    | -62.06 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#0 | 1000~3000  | -47.66 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#0 | 3000~10000 | -43.93 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#0 | 0.009~0.15 | -58.21 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#0 | 0.15~30    | -51.50 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#0 | 30~1000    | -62.19 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#0 | 1000~3000  | -47.98 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#0 | 3000~10000 | -43.81 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#0 | 0.009~0.15 | -58.70 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#0 | 0.15~30    | -52.19 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#0 | 30~1000    | -61.98 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#0 | 1000~3000  | -47.59 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#0 | 3000~10000 | -43.83 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 1RB#0 | 0.009~0.15 | -53.68 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 1RB#0 | 0.15~30    | -53.37 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 1RB#0 | 30~1000    | -61.89 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 1RB#0 | 1000~3000  | -46.23 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#0 | 0.009~0.15 | -58.19 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#0 | 0.15~30    | -50.19 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#0 | 30~1000    | -61.78 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#0 | 1000~3000  | -47.20 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#0 | 3000~10000 | -44.28 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#0 | 0.009~0.15 | -57.23 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#0 | 0.15~30    | -52.08 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#0 | 30~1000    | -62.17 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#0 | 1000~3000  | -46.32 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#0 | 3000~10000 | -44.06 | 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



|        |       |       |        |       |            |        |      |
|--------|-------|-------|--------|-------|------------|--------|------|
| Band71 | 20MHz | QPSK  | 133222 | 1RB#0 | 0.009~0.15 | -58.65 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 1RB#0 | 0.15~30    | -52.43 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 1RB#0 | 30~1000    | -62.04 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 1RB#0 | 1000~3000  | -47.32 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 1RB#0 | 3000~10000 | -43.88 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#0 | 0.009~0.15 | -60.67 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#0 | 0.15~30    | -54.03 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#0 | 30~1000    | -61.73 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#0 | 3000~10000 | -44.18 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 1RB#0 | 0.009~0.15 | -59.08 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 1RB#0 | 0.15~30    | -52.85 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 1RB#0 | 30~1000    | -61.95 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 1RB#0 | 1000~3000  | -46.21 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 1RB#0 | 3000~10000 | -44.08 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 1RB#0 | 3000~10000 | -44.07 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#0 | 0.009~0.15 | -56.33 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#0 | 0.15~30    | -53.38 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#0 | 30~1000    | -62.02 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#0 | 1000~3000  | -45.52 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#0 | 3000~10000 | -43.82 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#0 | 1000~3000  | -47.48 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#0 | 3000~10000 | -43.96 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#0 | 0.009~0.15 | -56.49 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#0 | 0.15~30    | -51.64 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#0 | 30~1000    | -62.07 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#0 | 1000~3000  | -46.59 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#0 | 0.009~0.15 | -55.71 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#0 | 0.15~30    | -54.74 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#0 | 30~1000    | -62.24 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#0 | 1000~3000  | -46.35 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#0 | 3000~10000 | -43.87 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#0 | 0.009~0.15 | -54.77 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#0 | 0.15~30    | -51.60 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#0 | 30~1000    | -61.72 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#0 | 1000~3000  | -47.55 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#0 | 3000~10000 | -44.18 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#0 | 3000~10000 | -43.85 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#0 | 0.009~0.15 | -54.68 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#0 | 0.15~30    | -51.26 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#0 | 30~1000    | -62.03 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#0 | 1000~3000  | -45.78 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#0 | 3000~10000 | -44.33 | PASS |



Shenzhen LCS Compliance Testing Laboratory Ltd.

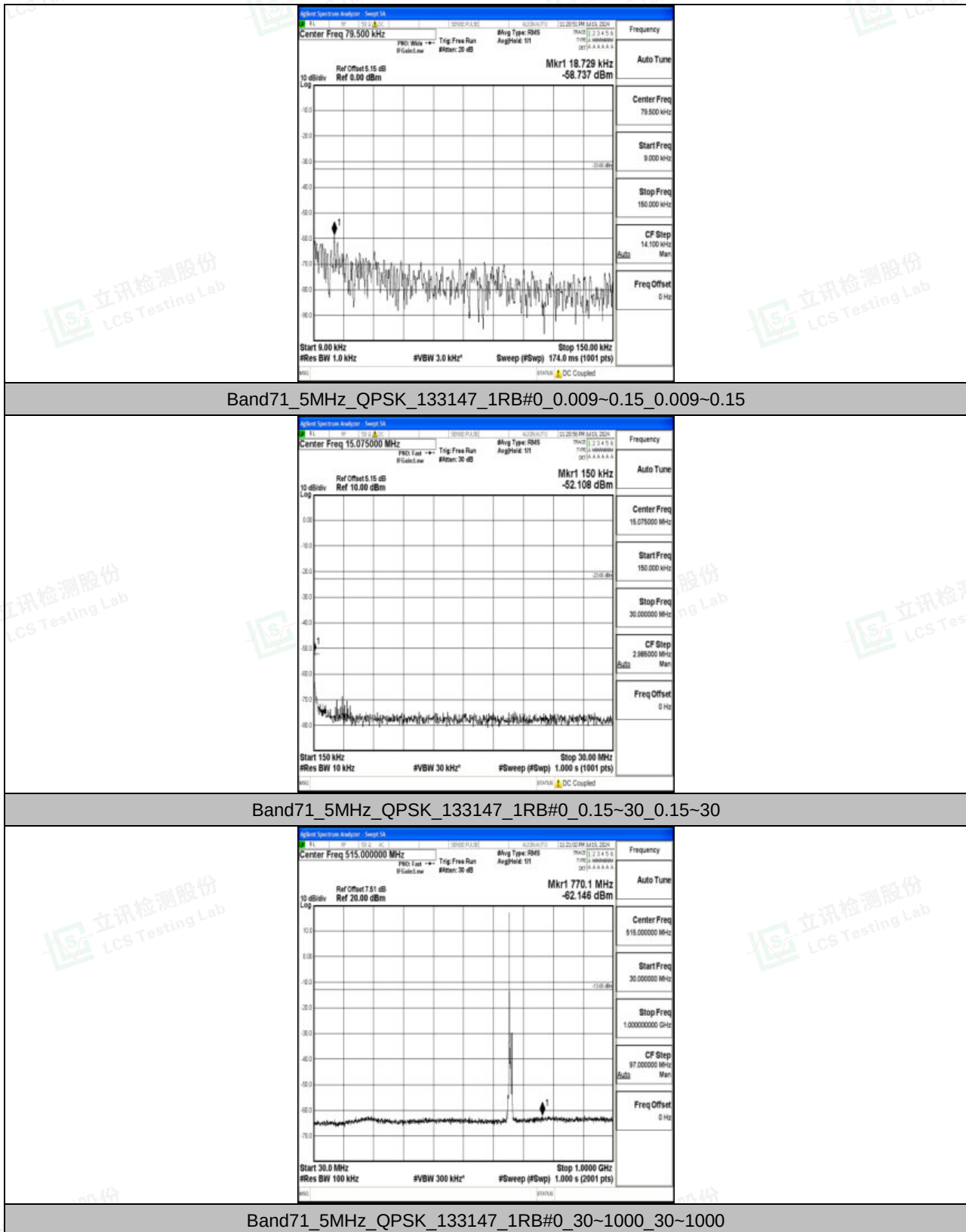
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



## Test Graphs



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



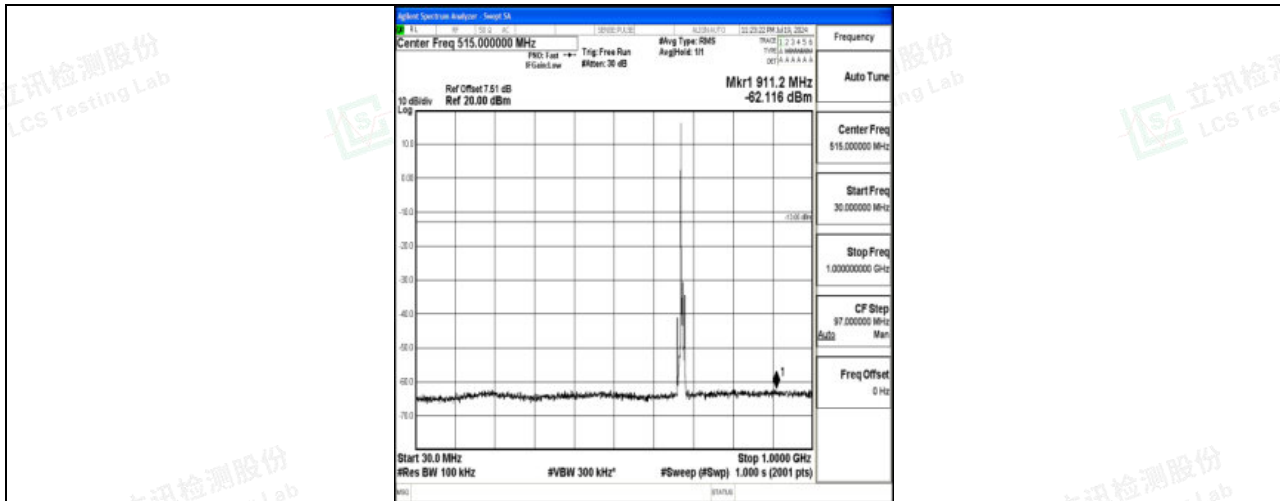


Shenzhen LCS Compliance Testing Laboratory Ltd.

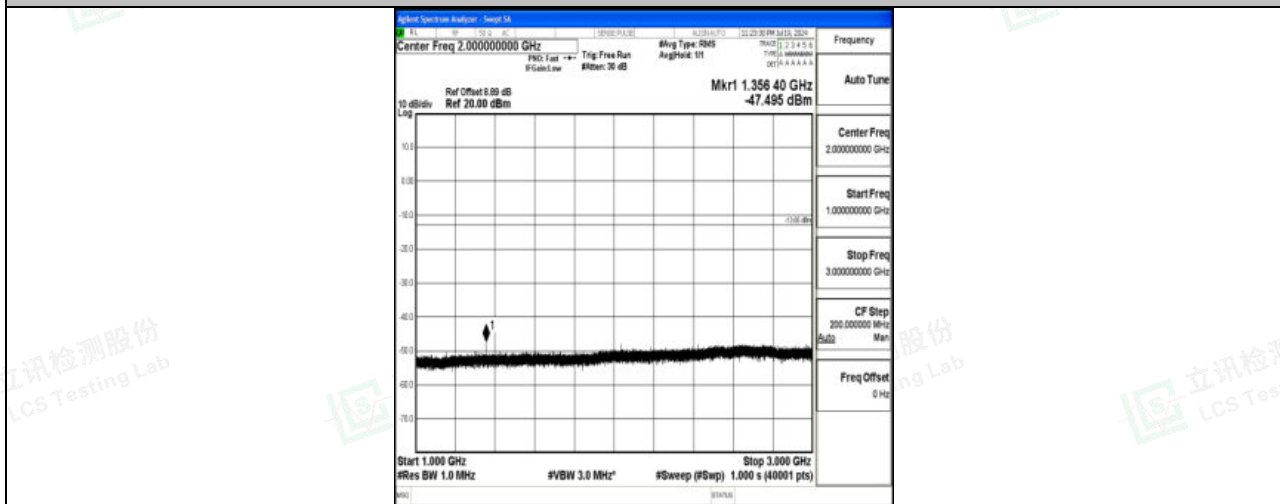
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

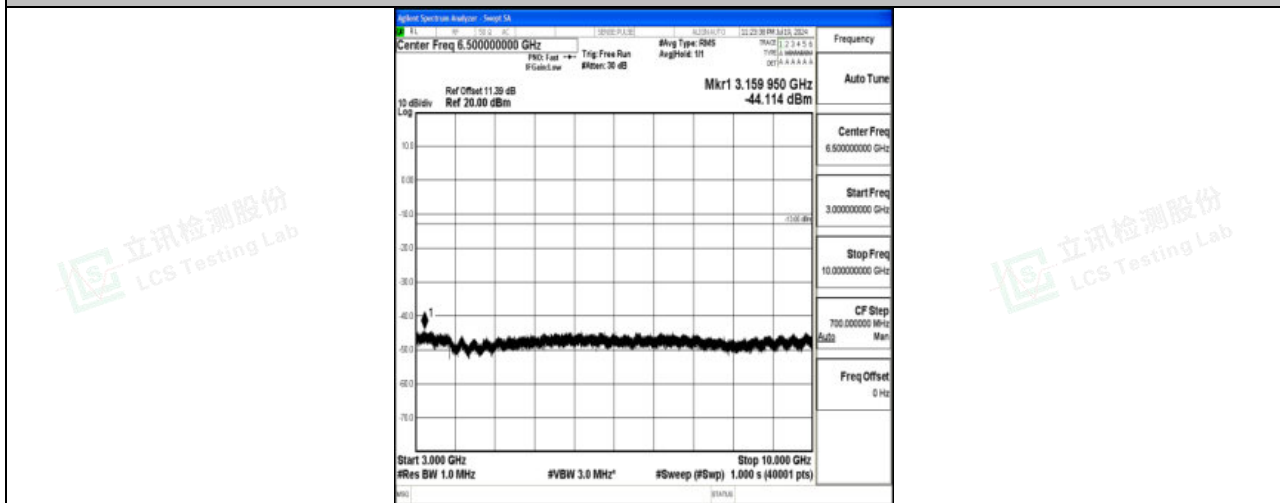




Band71\_5MHz\_QPSK\_133297\_1RB#0\_30~1000\_30~1000



Band71\_5MHz\_QPSK\_133297\_1RB#0\_1000~3000\_1000~3000



Band71\_5MHz\_QPSK\_133297\_1RB#0\_3000~10000\_3000~10000

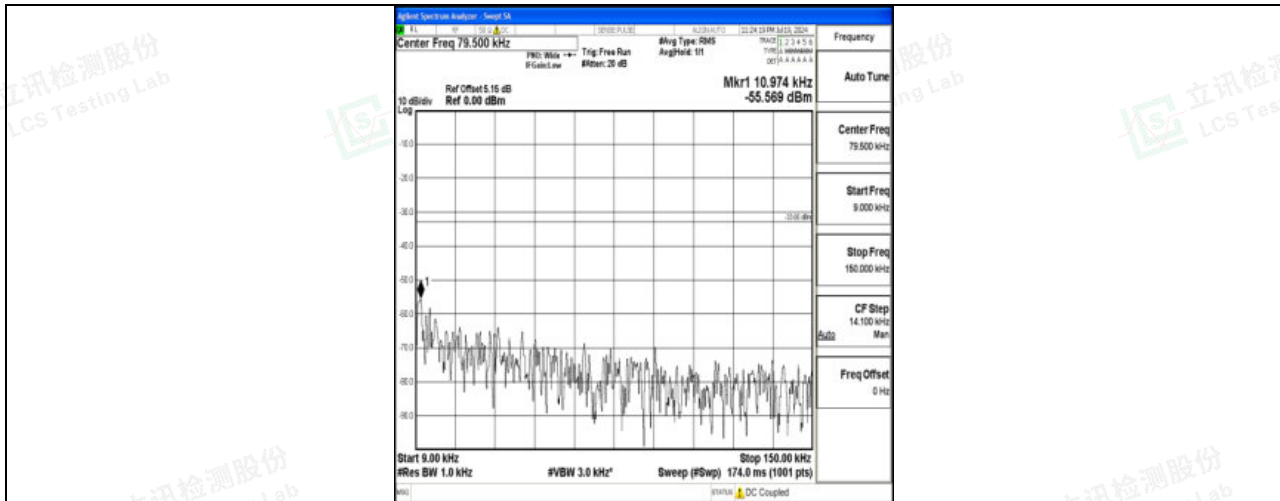


Shenzhen LCS Compliance Testing Laboratory Ltd.

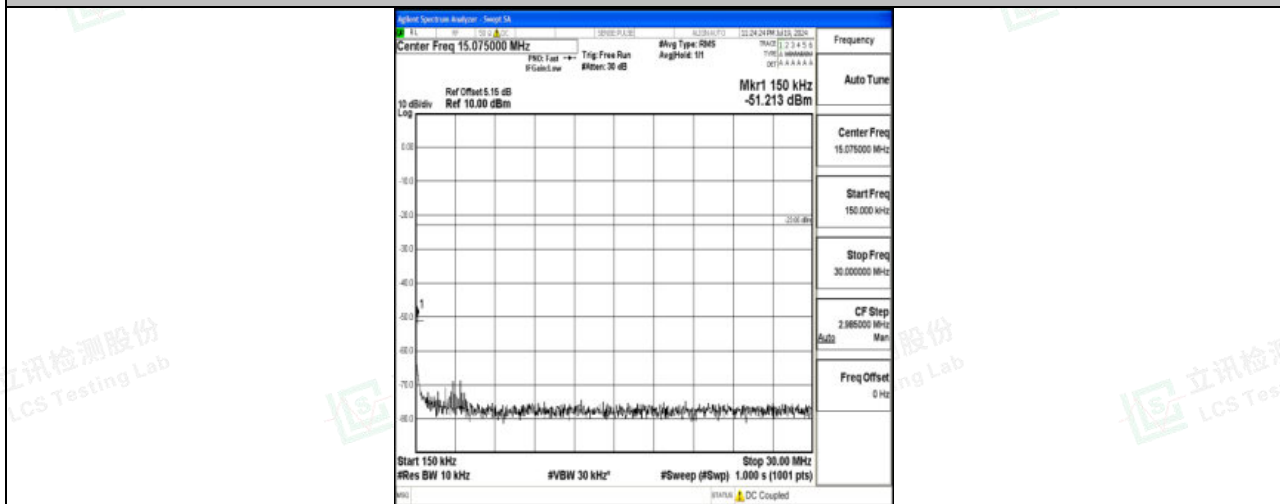
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

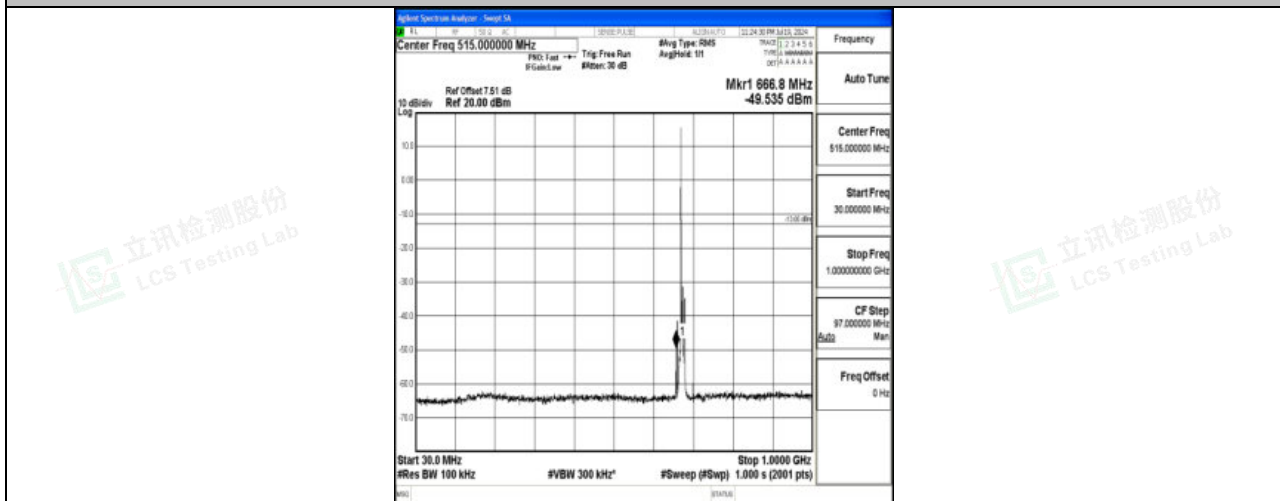
Scan code to check authenticity



Band71\_5MHz\_16QAM\_133297\_1RB#0\_0.009~0.15\_0.009~0.15



Band71\_5MHz\_16QAM\_133297\_1RB#0\_0.15~30\_0.15~30



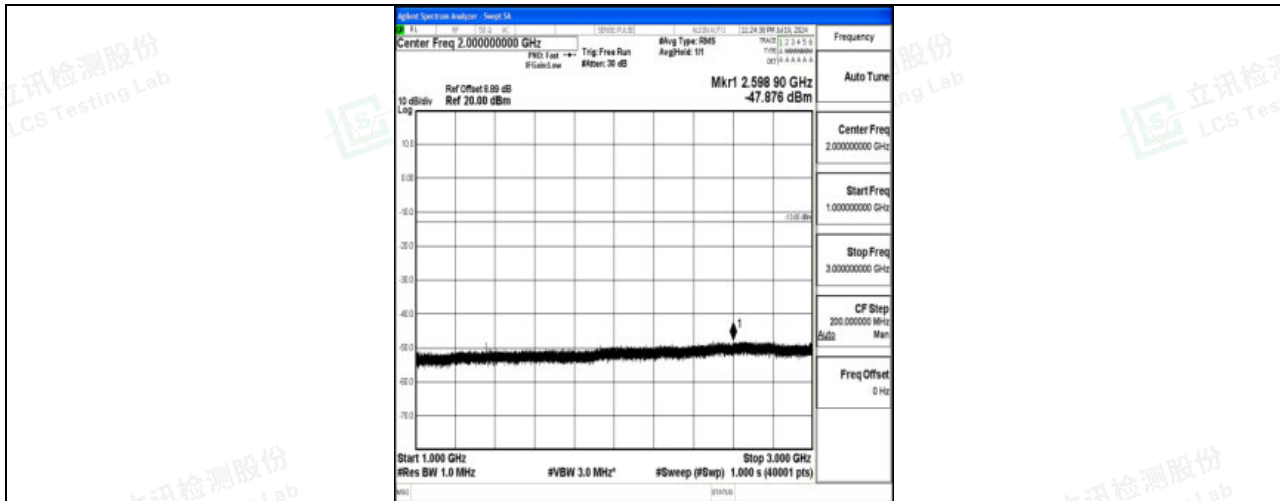
Band71\_5MHz\_16QAM\_133297\_1RB#0\_30~1000\_30~1000



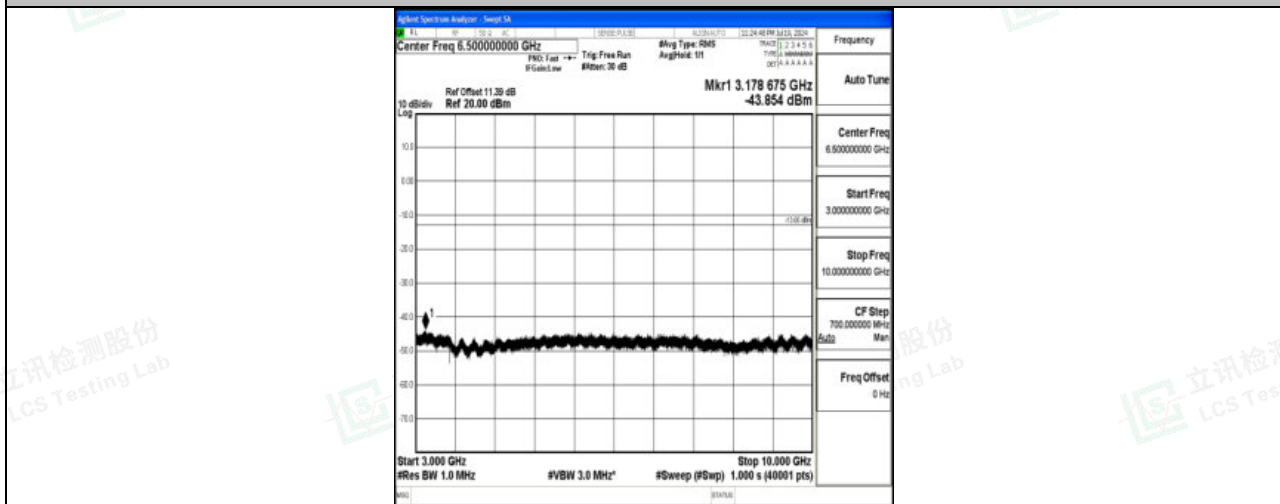
Shenzhen LCS Compliance Testing Laboratory Ltd.

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

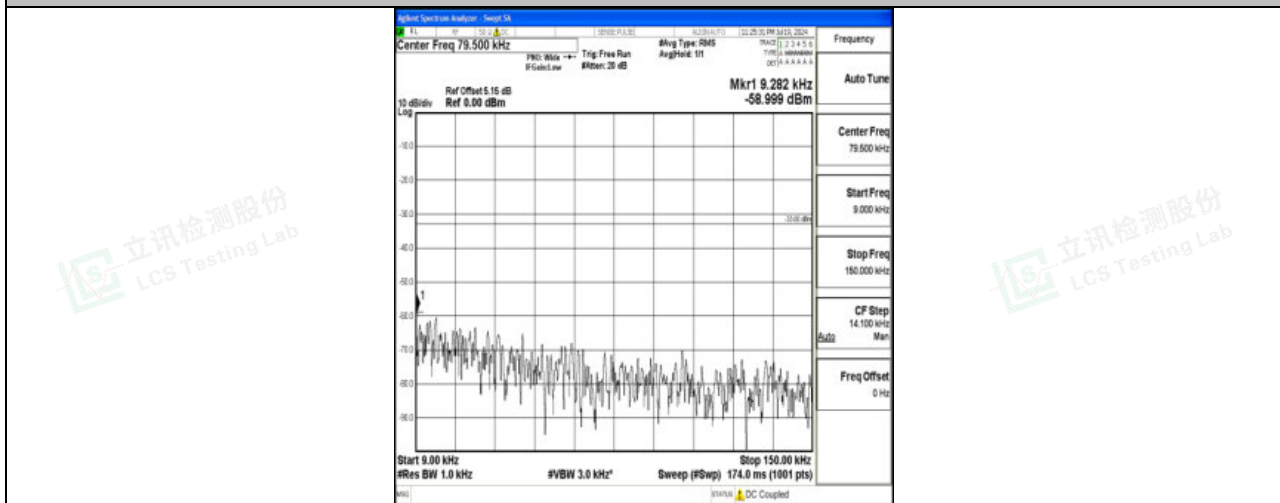
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity



Band71\_5MHz\_16QAM\_133297\_1RB#0\_1000~3000\_1000~3000



Band71\_5MHz\_16QAM\_133297\_1RB#0\_3000~10000\_3000~10000



Band71\_5MHz\_QPSK\_133447\_1RB#0\_0.009~0.15\_0.009~0.15

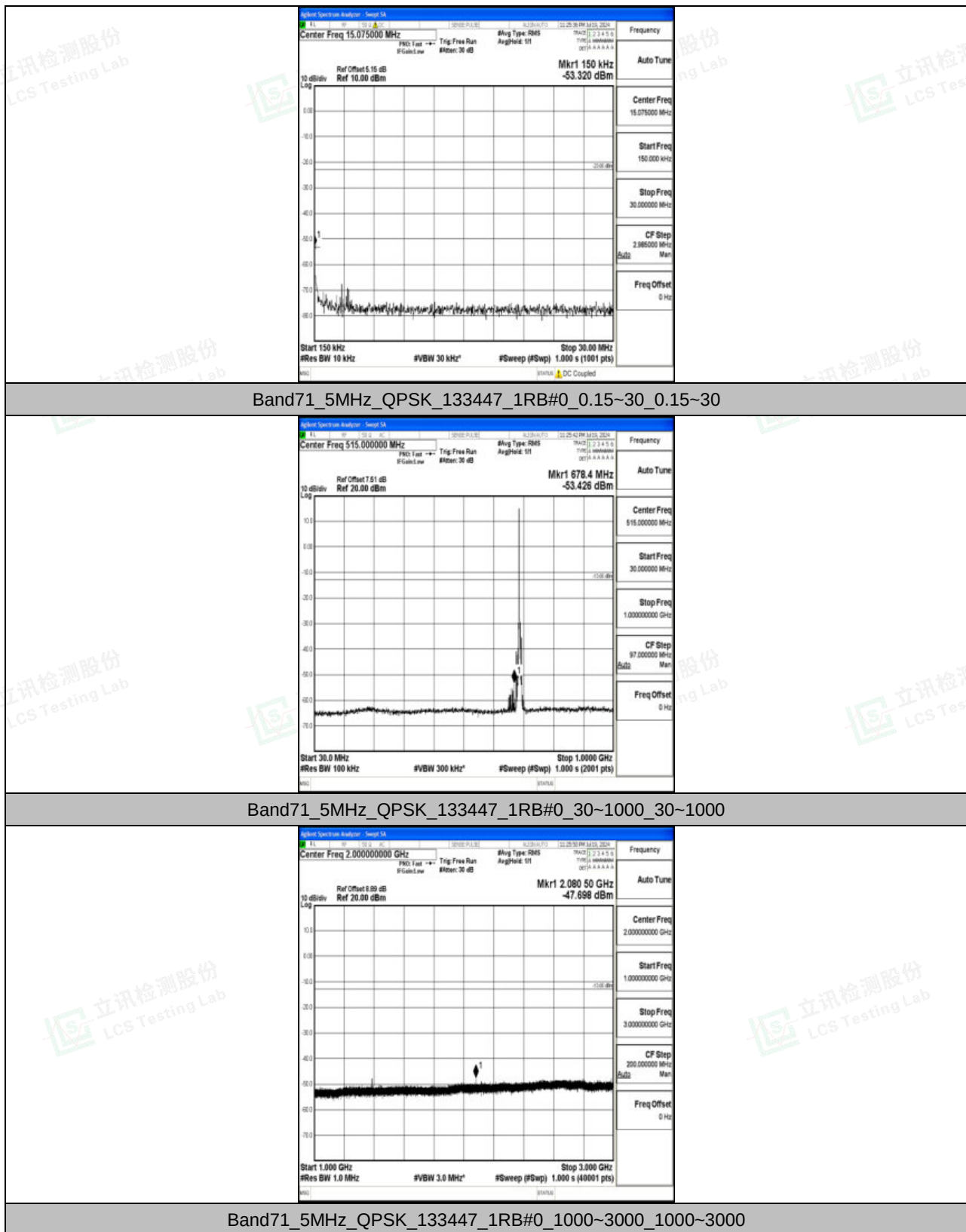


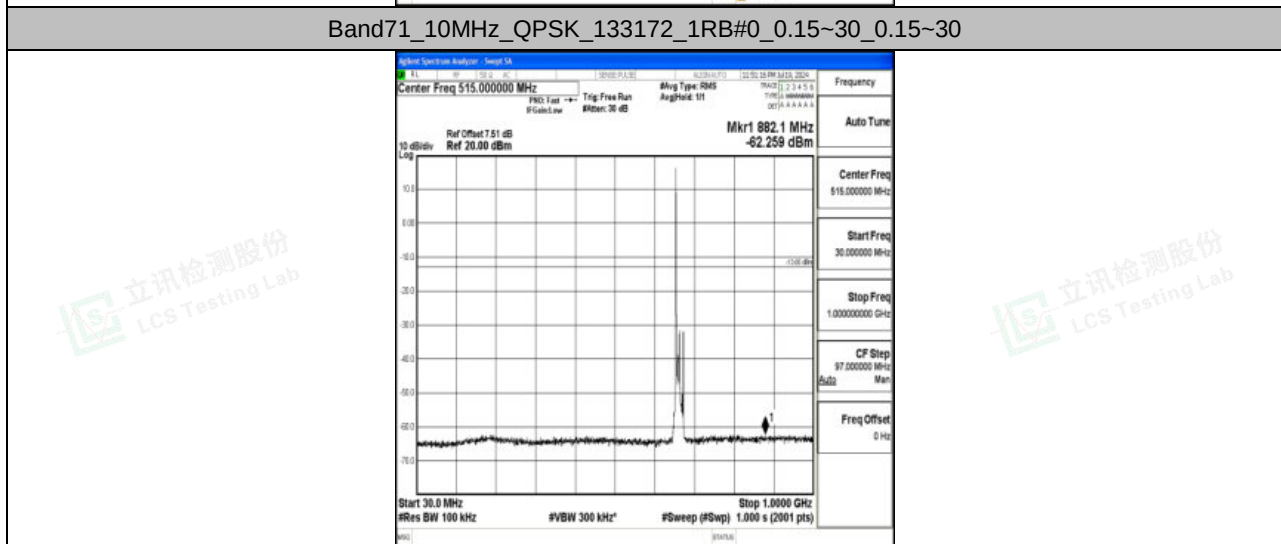
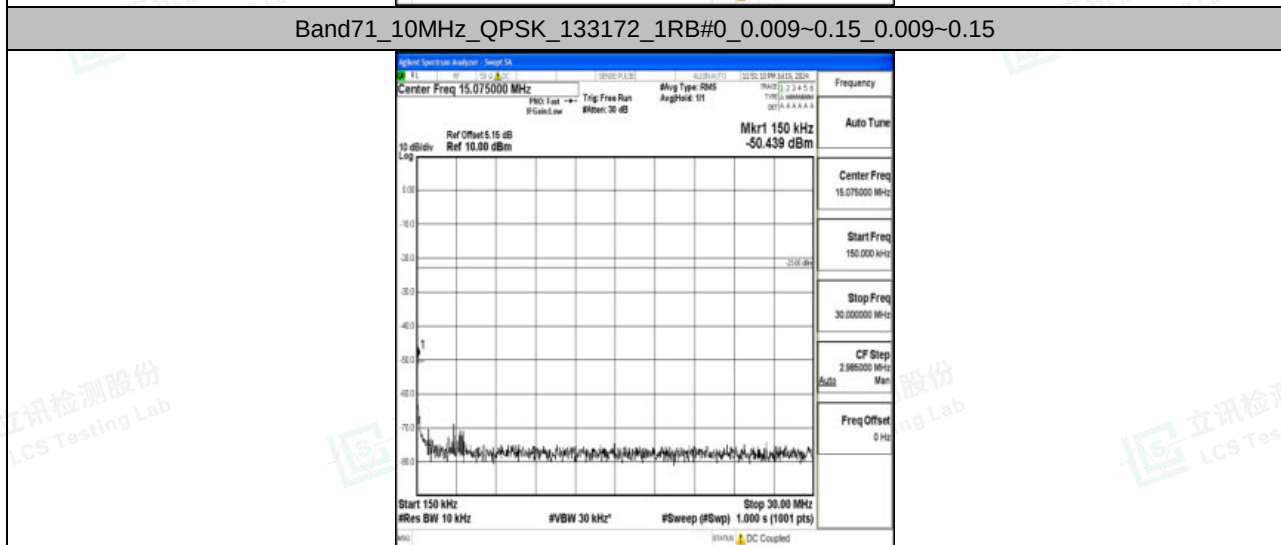
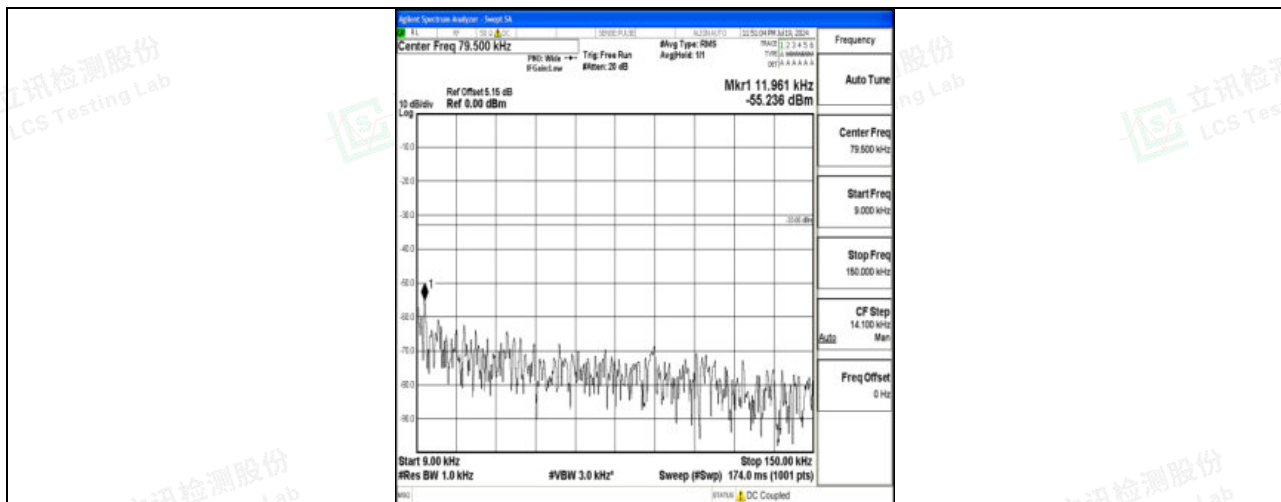
Shenzhen LCS Compliance Testing Laboratory Ltd.

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





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