



## Appendix L: Test Data for E-UTRA Band 41

**Product Name:** Orca Display 2

**Test Model:** O-0202

### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 23.8° C   |
| Relative Humidity: | 52.1%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Taylor Hu |
| Supervised by:     | Ling Zhu  |





## L.1 Conducted Output Power Data

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#0            | 22.45       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#12           | 22.44       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#24           | 22.45       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 12RB#0           | 21.26       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 12RB#6           | 21.24       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 12RB#13          | 21.28       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 21.30       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#0            | 22.52       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#12           | 22.56       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#24           | 22.61       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 12RB#0           | 21.31       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 12RB#6           | 21.34       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 12RB#13          | 21.33       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 21.35       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#0            | 22.72       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#12           | 22.76       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#24           | 22.77       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 12RB#0           | 21.62       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 12RB#6           | 21.63       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 12RB#13          | 21.61       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 21.66       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#0            | 21.59       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#12           | 21.59       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#24           | 21.59       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 12RB#0           | 20.25       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 12RB#6           | 20.24       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 12RB#13          | 20.25       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 20.30       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#0            | 21.66       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#12           | 21.69       | PASS    |





|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band41 | 5MHz  | 16QAM | 40620 | 1RB#24  | 21.71 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 12RB#0  | 20.32 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 12RB#6  | 20.31 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 12RB#13 | 20.31 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 25RB#0  | 20.35 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 1RB#0   | 21.90 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 1RB#12  | 21.96 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 1RB#24  | 21.94 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 12RB#0  | 20.59 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 12RB#6  | 20.59 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 12RB#13 | 20.59 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 25RB#0  | 20.64 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 1RB#0   | 22.30 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 1RB#24  | 22.41 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 1RB#49  | 22.36 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 25RB#0  | 21.24 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 25RB#12 | 21.24 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 25RB#25 | 21.30 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 50RB#0  | 21.28 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#0   | 22.33 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#24  | 22.43 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#49  | 22.45 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 25RB#0  | 21.36 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 25RB#12 | 21.36 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 25RB#25 | 21.33 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 50RB#0  | 21.36 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#0   | 22.55 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#24  | 22.69 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#49  | 22.61 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 25RB#0  | 21.60 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 25RB#12 | 21.60 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 25RB#25 | 21.60 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 50RB#0  | 21.63 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#0   | 21.60 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#24  | 21.67 | PASS |





|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band41 | 10MHz | 16QAM | 39700 | 1RB#49  | 21.67 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#0  | 20.31 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#12 | 20.29 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#25 | 20.38 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 50RB#0  | 20.27 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#0   | 21.61 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#24  | 21.74 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#49  | 21.75 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#0  | 20.38 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#12 | 20.37 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#25 | 20.42 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 50RB#0  | 20.33 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#0   | 21.87 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#24  | 22.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#49  | 21.95 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#0  | 20.67 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#12 | 20.66 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#25 | 20.66 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 50RB#0  | 20.59 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#0   | 22.23 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#38  | 22.37 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#74  | 22.38 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 38RB#0  | 21.26 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 38RB#18 | 21.26 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 38RB#37 | 21.26 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 75RB#0  | 21.26 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#0   | 22.24 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#38  | 22.35 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#74  | 22.42 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 38RB#0  | 21.33 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 38RB#18 | 21.32 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 38RB#37 | 21.32 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 75RB#0  | 21.33 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#0   | 22.47 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#38  | 22.59 | PASS |





|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band41 | 15MHz | QPSK  | 41515 | 1RB#74  | 22.56 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 38RB#0  | 21.56 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 38RB#18 | 21.57 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 38RB#37 | 21.59 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 75RB#0  | 21.56 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#0   | 21.57 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#38  | 21.69 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#74  | 21.66 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 38RB#0  | 21.27 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 38RB#18 | 21.26 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 38RB#37 | 21.26 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 75RB#0  | 20.24 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#0   | 21.57 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#38  | 21.72 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#74  | 21.72 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 38RB#0  | 21.32 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 38RB#18 | 21.32 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 38RB#37 | 21.33 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0  | 20.33 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#0   | 21.81 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#38  | 21.94 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#74  | 21.92 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 38RB#0  | 21.57 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 38RB#18 | 21.56 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 38RB#37 | 21.56 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 75RB#0  | 20.58 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#0   | 22.15 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#49  | 22.33 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#99  | 22.30 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 50RB#0  | 21.19 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 50RB#25 | 21.18 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 50RB#50 | 21.38 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 100RB#0 | 21.26 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#0   | 22.07 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#49  | 22.34 | PASS |



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Scan code to check authenticity



|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band41 | 20MHz | QPSK  | 40620 | 1RB#99  | 22.38 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#0  | 21.24 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#25 | 21.30 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#50 | 21.39 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 100RB#0 | 21.32 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#0   | 22.33 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#49  | 22.56 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#99  | 22.51 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#0  | 21.63 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#25 | 21.64 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#50 | 21.56 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | 21.61 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#0   | 21.31 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#49  | 21.51 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#99  | 21.46 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#0  | 20.19 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#25 | 20.18 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#50 | 20.36 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 20.24 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#0   | 21.27 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#49  | 21.53 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#99  | 21.54 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#0  | 20.25 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#25 | 20.28 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#50 | 20.36 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 20.30 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#0   | 21.51 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#49  | 21.73 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#99  | 21.69 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#0  | 20.63 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#25 | 20.64 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#50 | 20.52 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 20.55 | PASS |





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

### Test Result

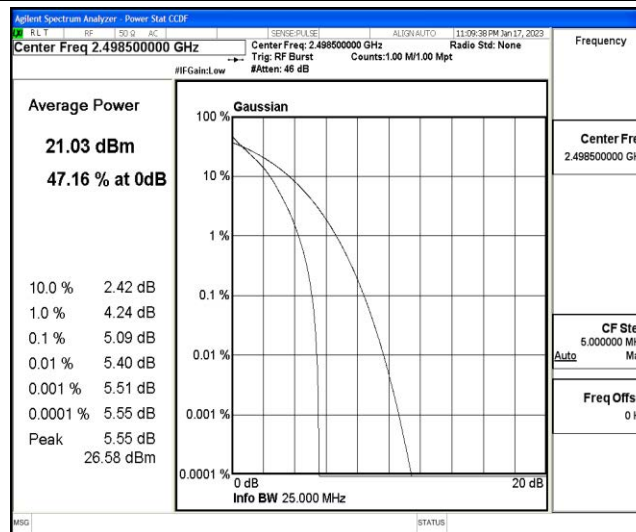
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 5.09       | 13        | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 4.97       | 13        | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 5.34       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 5.86       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 5.77       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | 6.05       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | 5.09       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 50RB#0           | 4.98       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 50RB#0           | 5.28       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 50RB#0           | 5.95       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 40620   | 50RB#0           | 5.87       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 41540   | 50RB#0           | 6.16       | 13        | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 75RB#0           | 5.40       | 13        | PASS    |
| Band41 | 15MHz     | QPSK       | 40620   | 75RB#0           | 5.34       | 13        | PASS    |
| Band41 | 15MHz     | QPSK       | 41515   | 75RB#0           | 5.59       | 13        | PASS    |
| Band41 | 15MHz     | 16QAM      | 39725   | 75RB#0           | 6.09       | 13        | PASS    |
| Band41 | 15MHz     | 16QAM      | 40620   | 75RB#0           | 6.03       | 13        | PASS    |
| Band41 | 15MHz     | 16QAM      | 41515   | 75RB#0           | 6.25       | 13        | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0          | 5.19       | 13        | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0          | 5.19       | 13        | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0          | 5.32       | 13        | PASS    |
| Band41 | 20MHz     | 16QAM      | 39750   | 100RB#0          | 6.02       | 13        | PASS    |
| Band41 | 20MHz     | 16QAM      | 40620   | 100RB#0          | 6.01       | 13        | PASS    |
| Band41 | 20MHz     | 16QAM      | 41490   | 100RB#0          | 6.12       | 13        | PASS    |



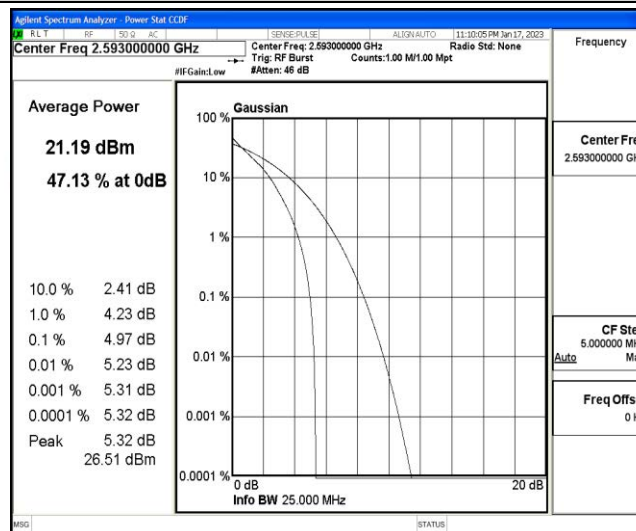


## Test Graphs

Band41-5MHz-QPSK-39675-25RB#0

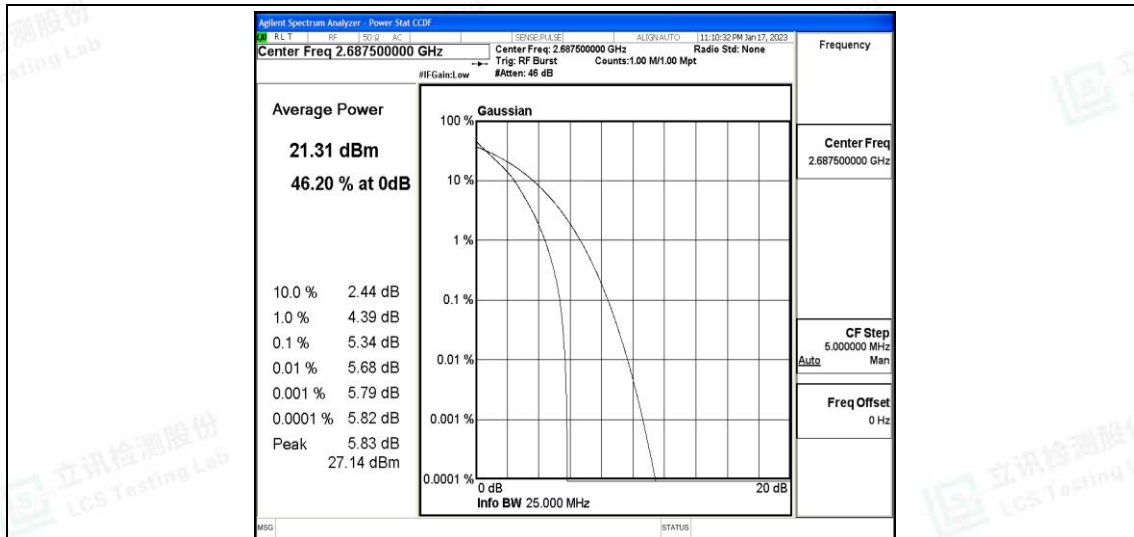


Band41-5MHz-QPSK-40620-25RB#0

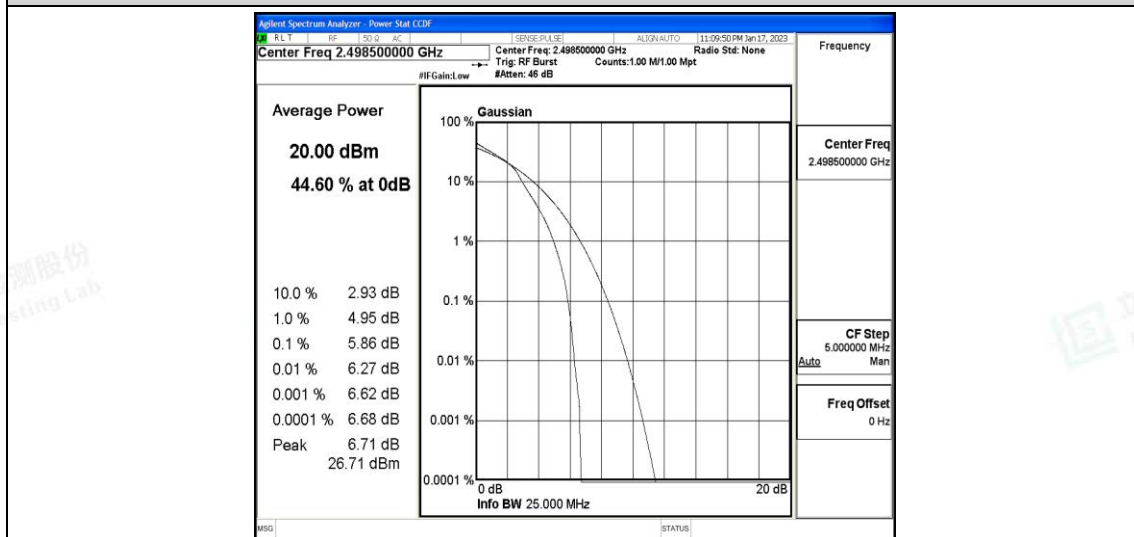


Band41-5MHz-QPSK-41565-25RB#0

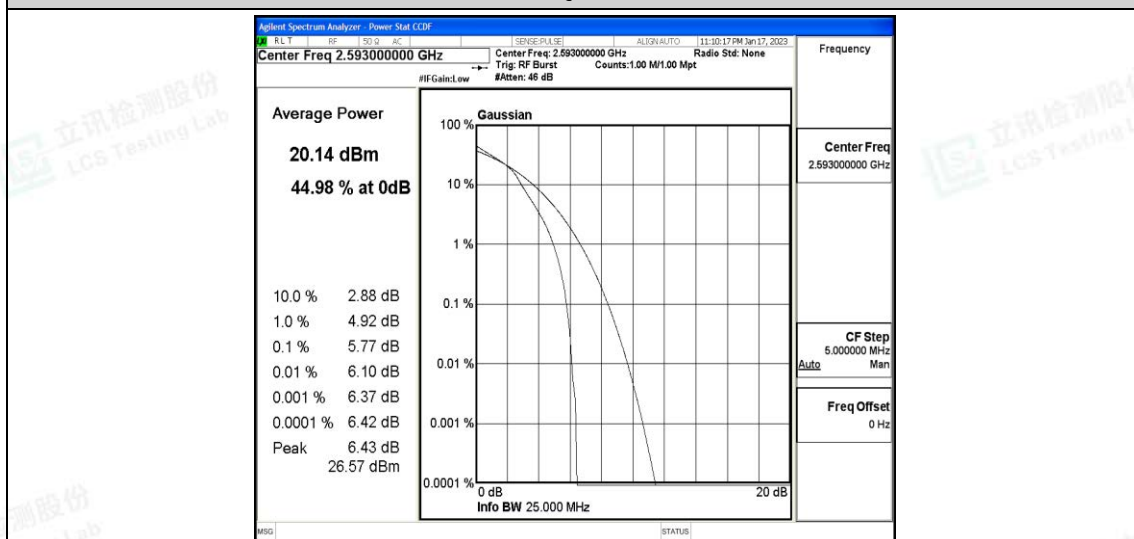




Band41-5MHz-16QAM-39675-25RB#0

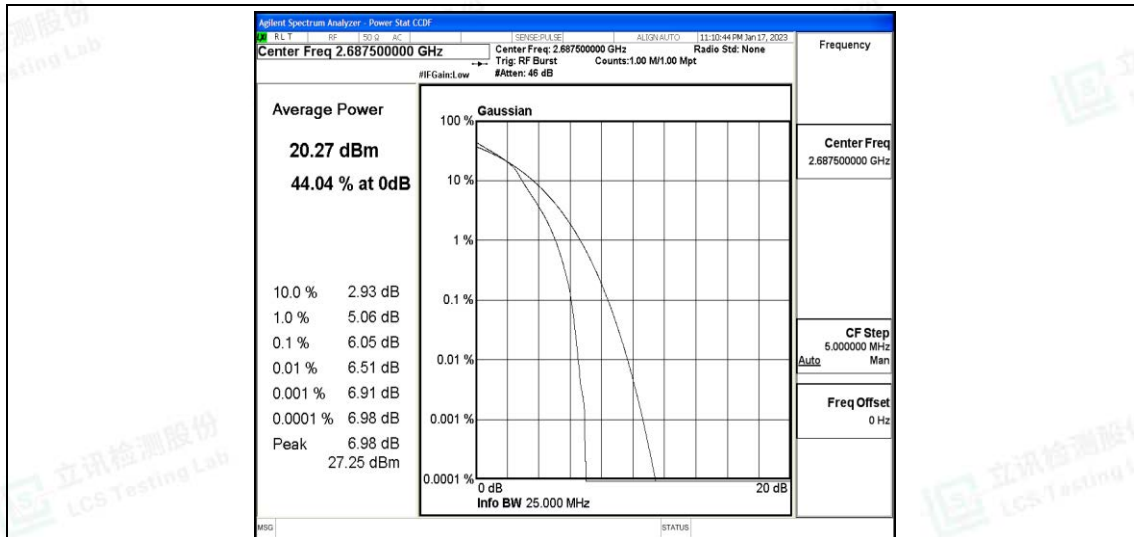


Band41-5MHz-16QAM-40620-25RB#0

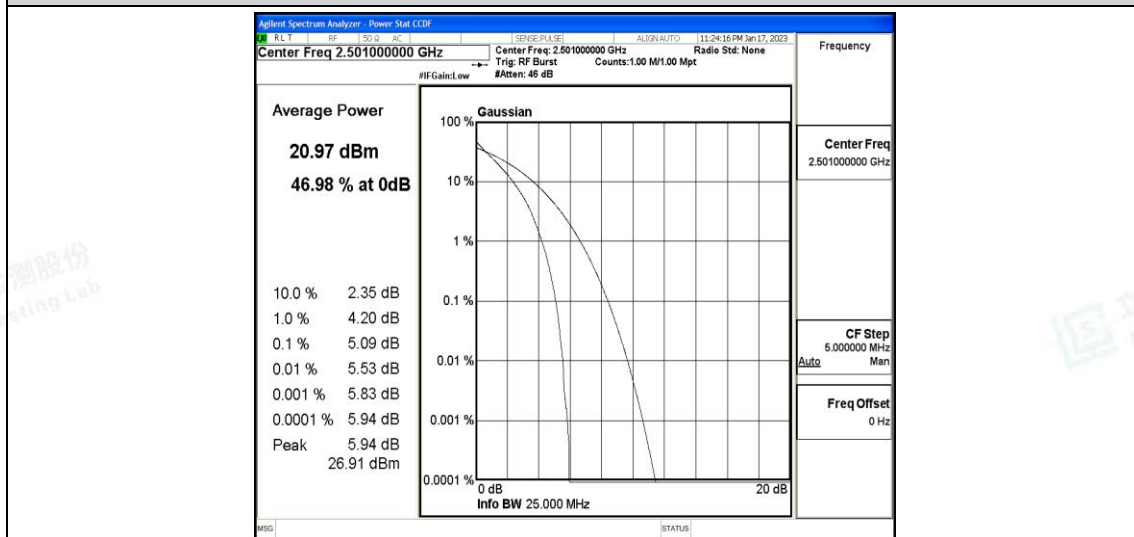


Band41-5MHz-16QAM-41565-25RB#0

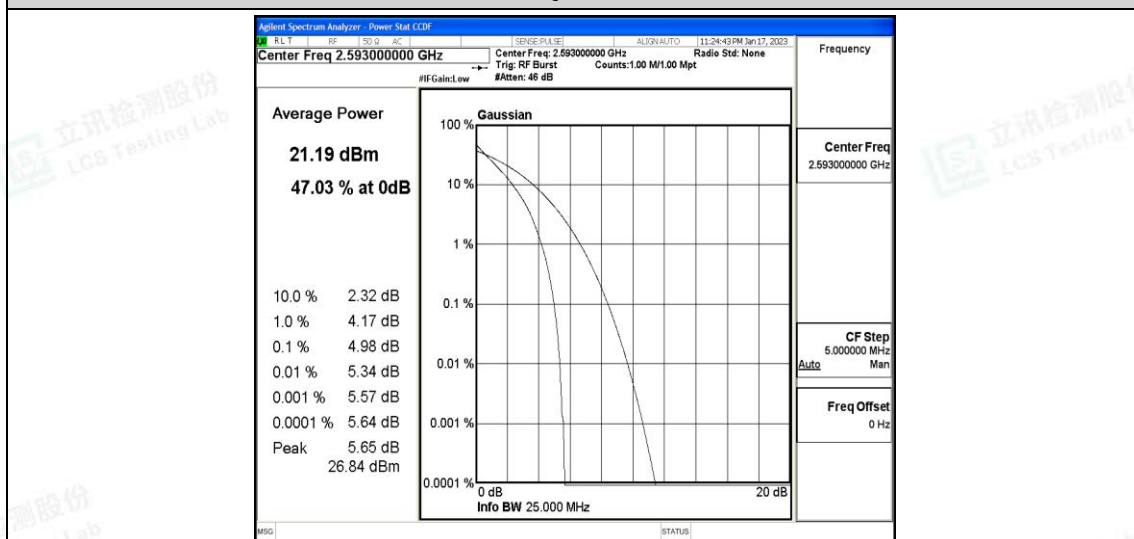




Band41-10MHz-QPSK-39700-50RB#0

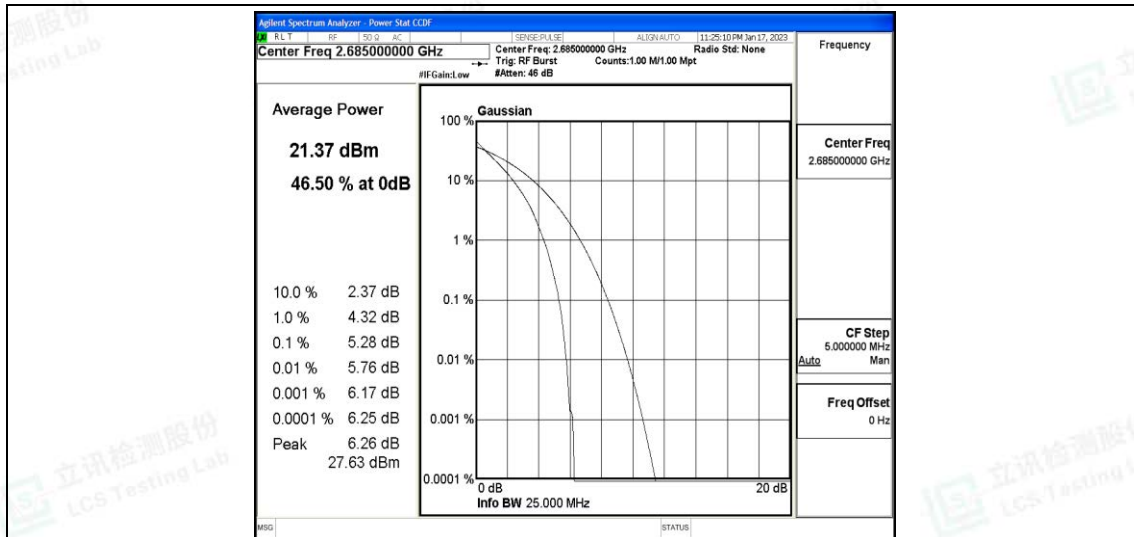


Band41-10MHz-QPSK-40620-50RB#0

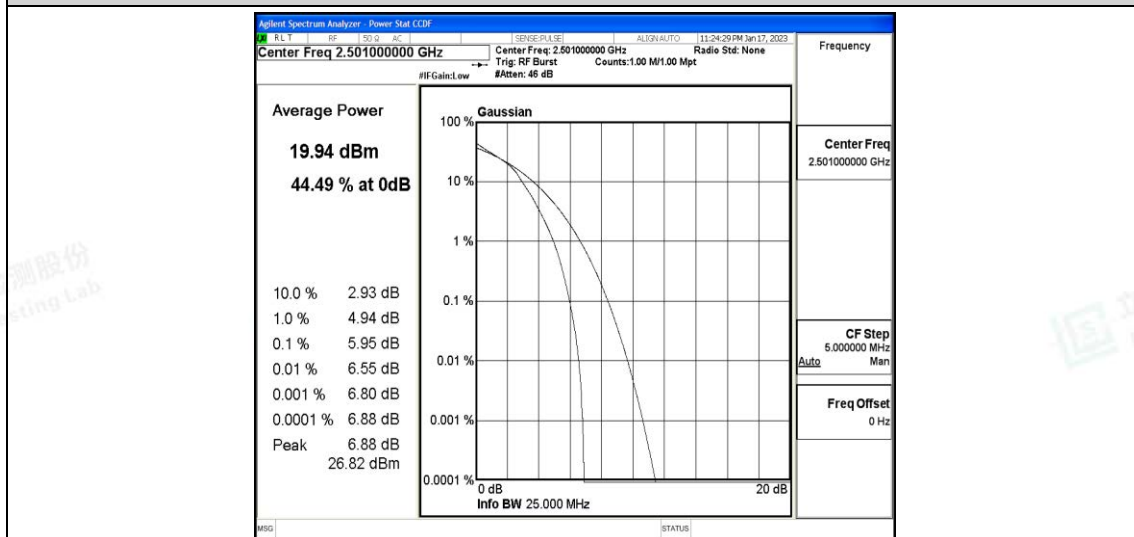


Band41-10MHz-QPSK-41540-50RB#0

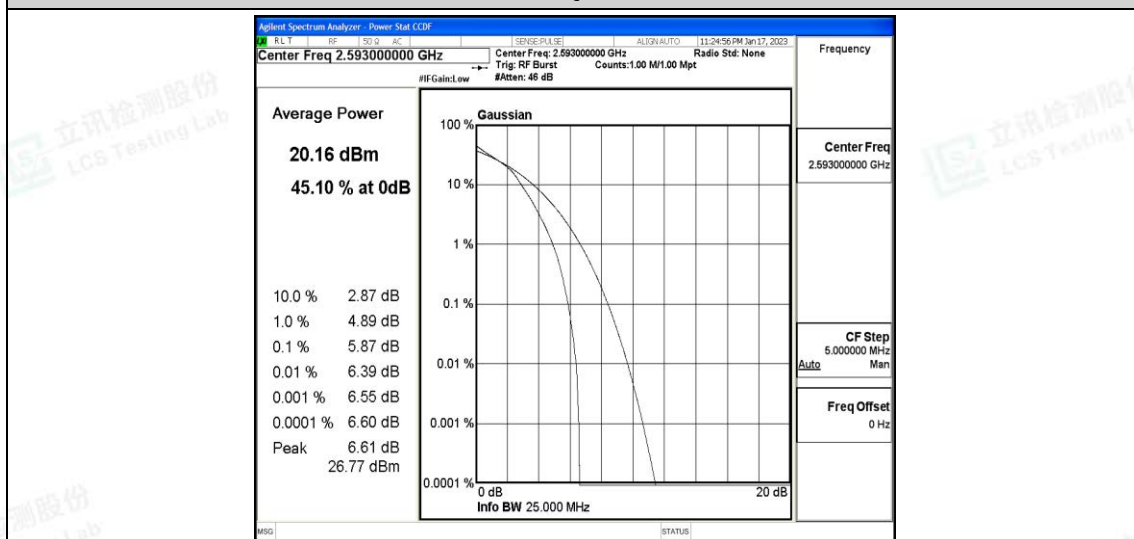




Band41-10MHz-16QAM-39700-50RB#0

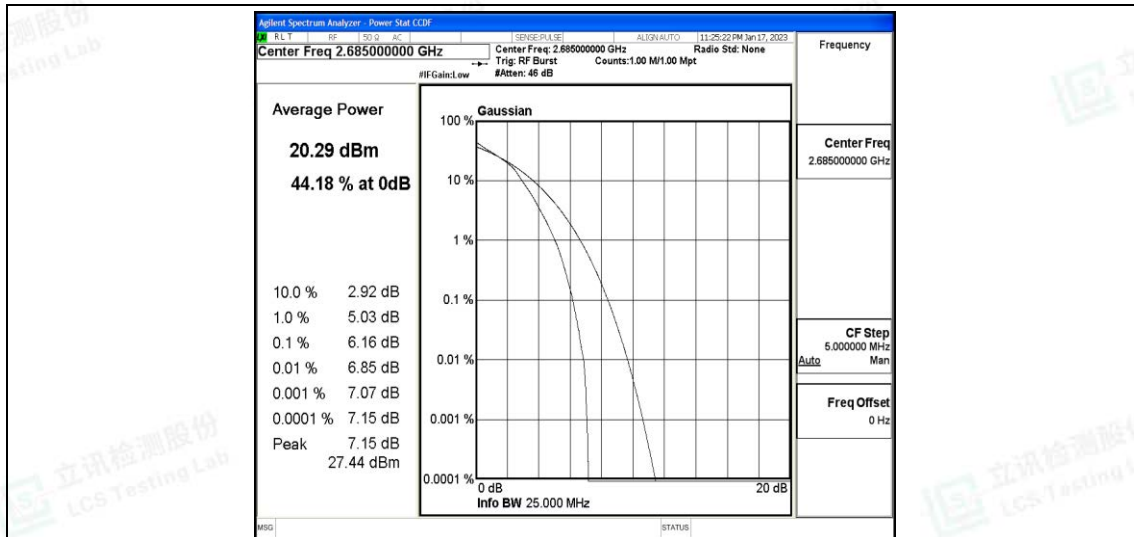


Band41-10MHz-16QAM-40620-50RB#0

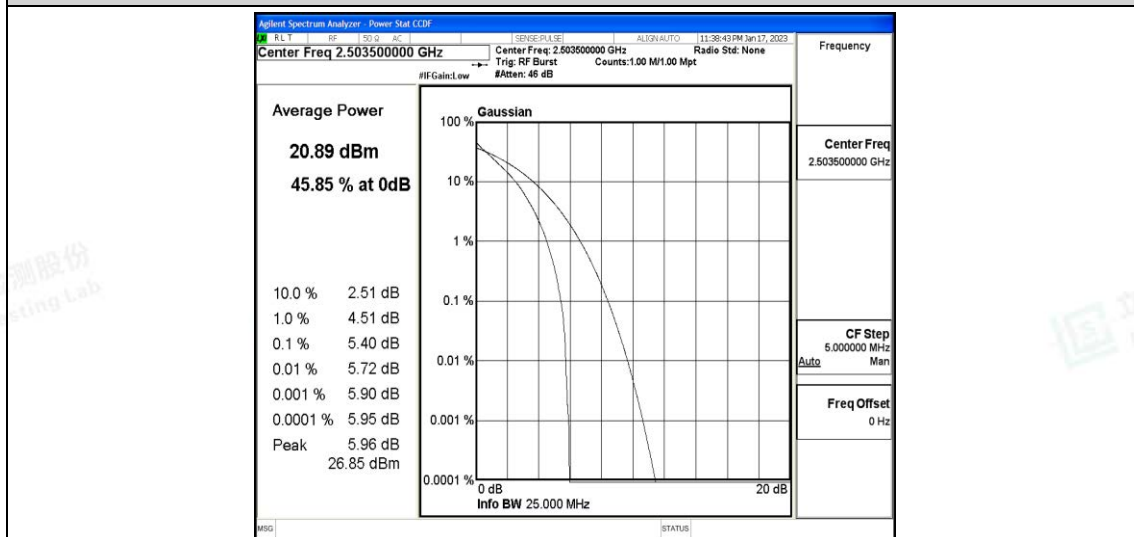


Band41-10MHz-16QAM-41540-50RB#0

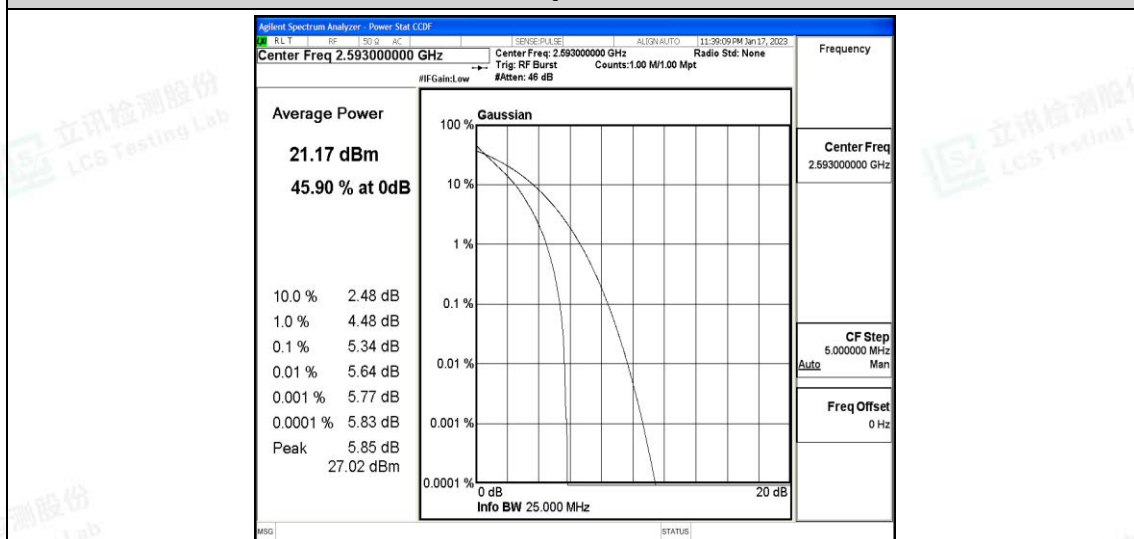




Band41-15MHz-QPSK-39725-75RB#0

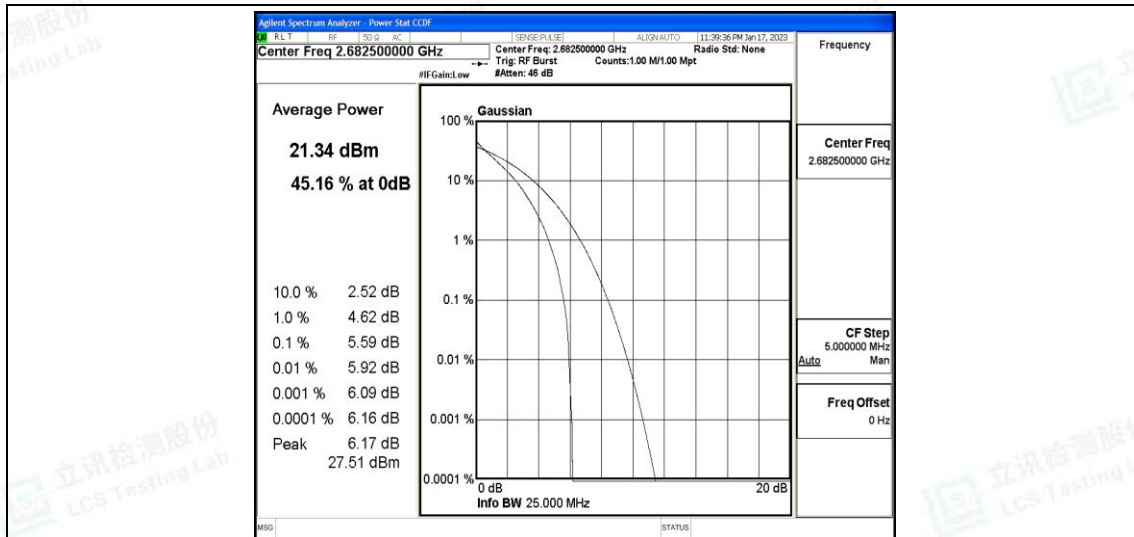


Band41-15MHz-QPSK-40620-75RB#0

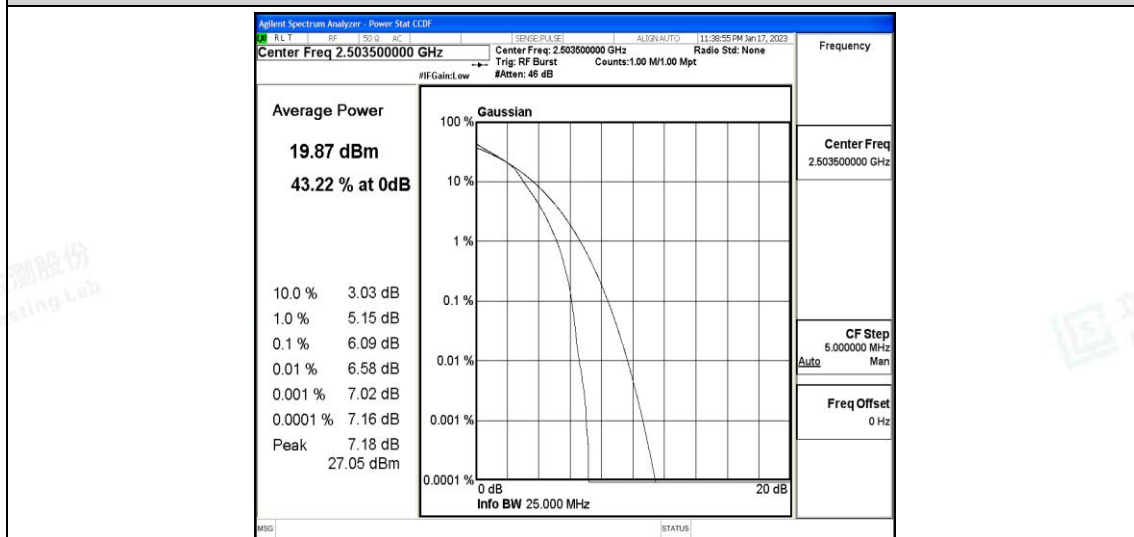


Band41-15MHz-QPSK-41515-75RB#0

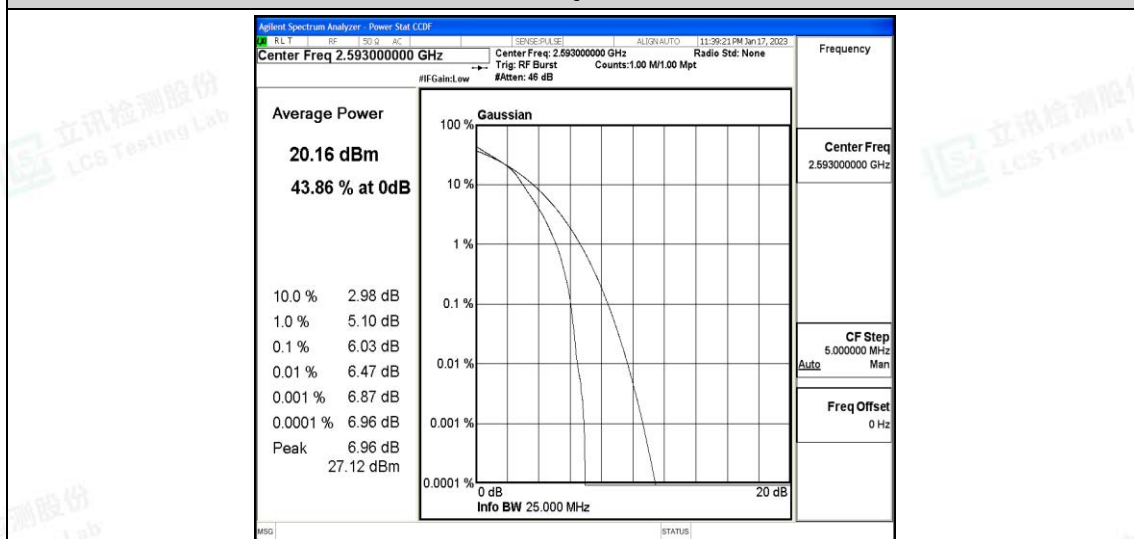




Band41-15MHz-16QAM-39725-75RB#0

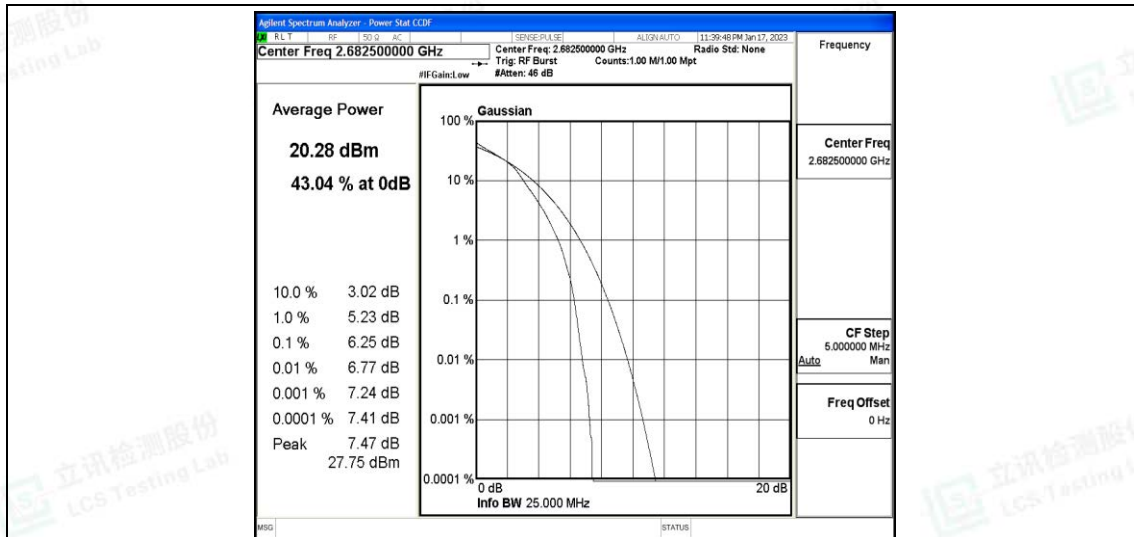


Band41-15MHz-16QAM-40620-75RB#0

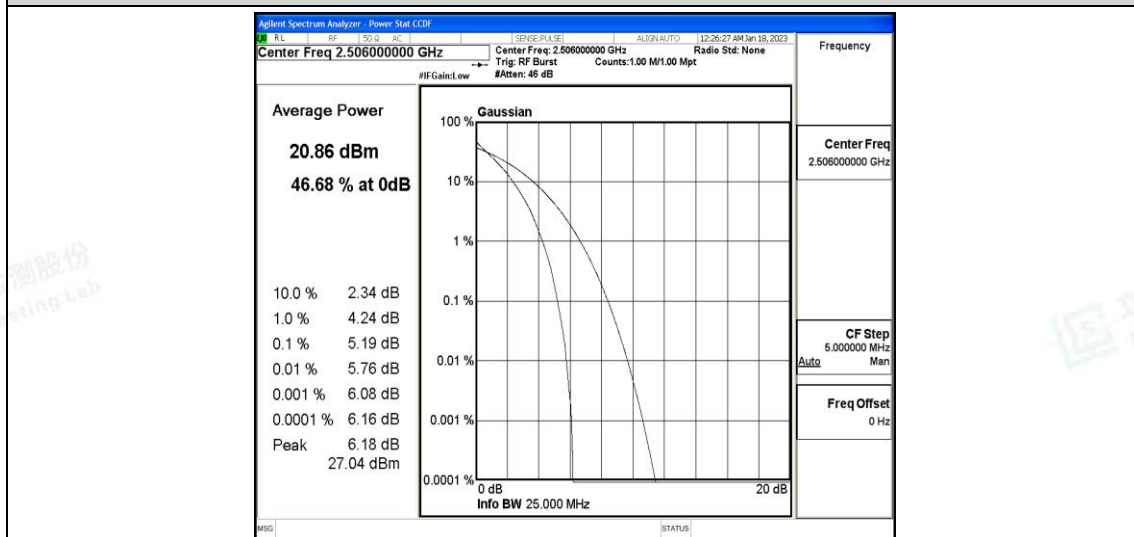


Band41-15MHz-16QAM-41515-75RB#0

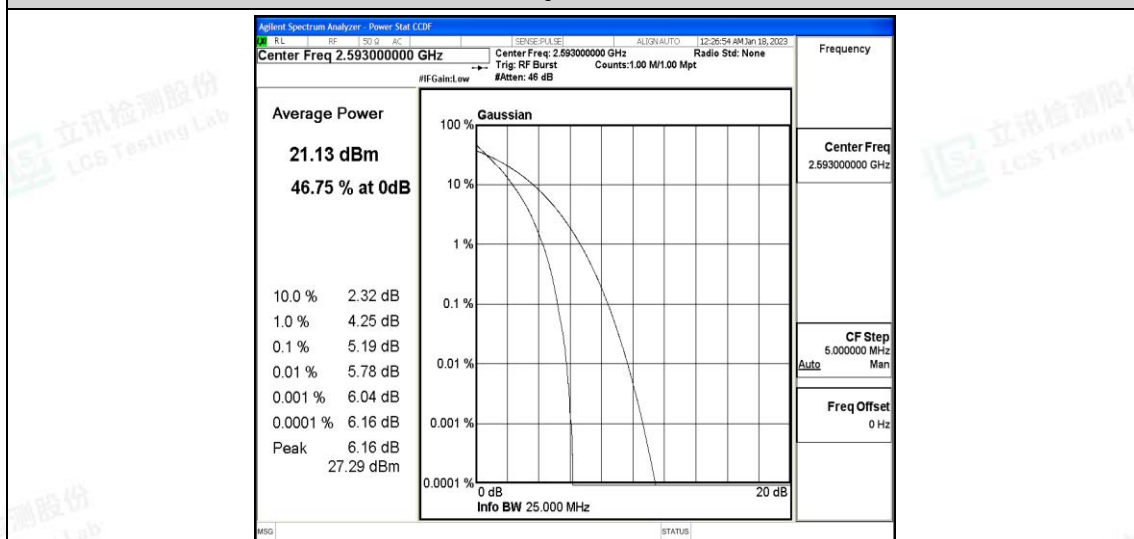




Band41-20MHz-QPSK-39750-100RB#0

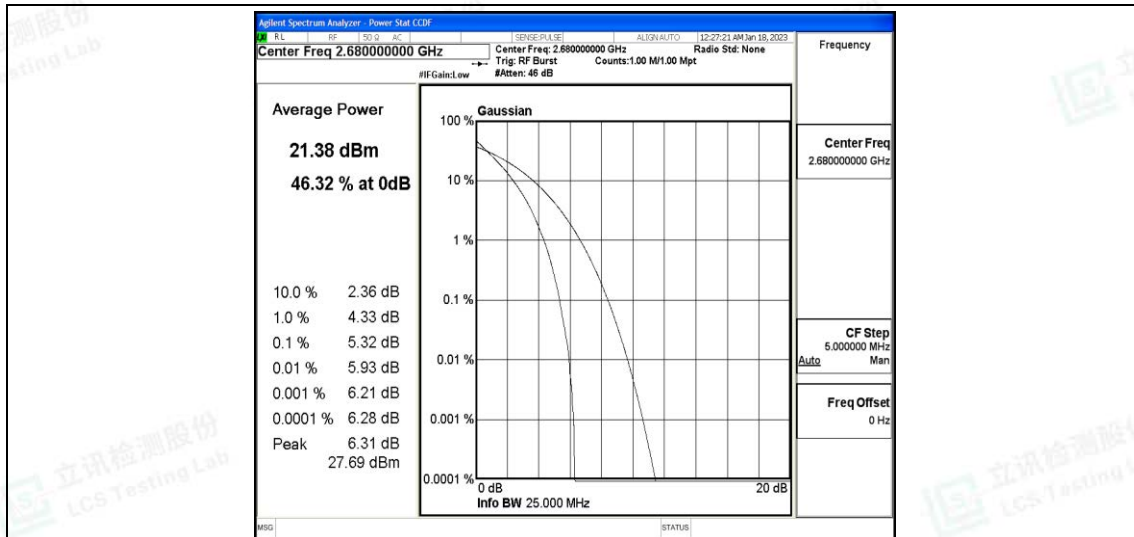


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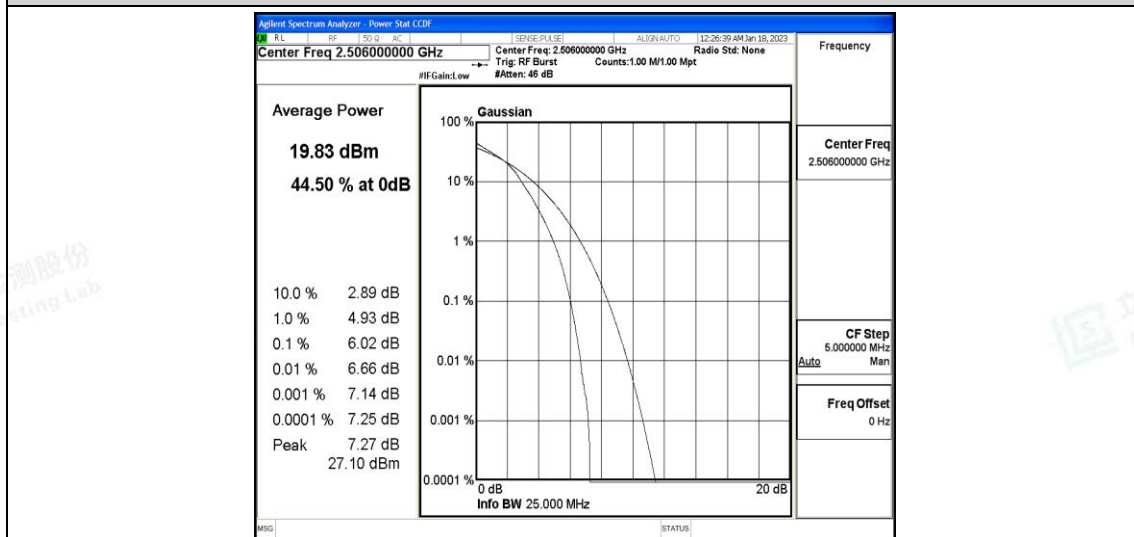


Band41-20MHz-QPSK-41490-100RB#0

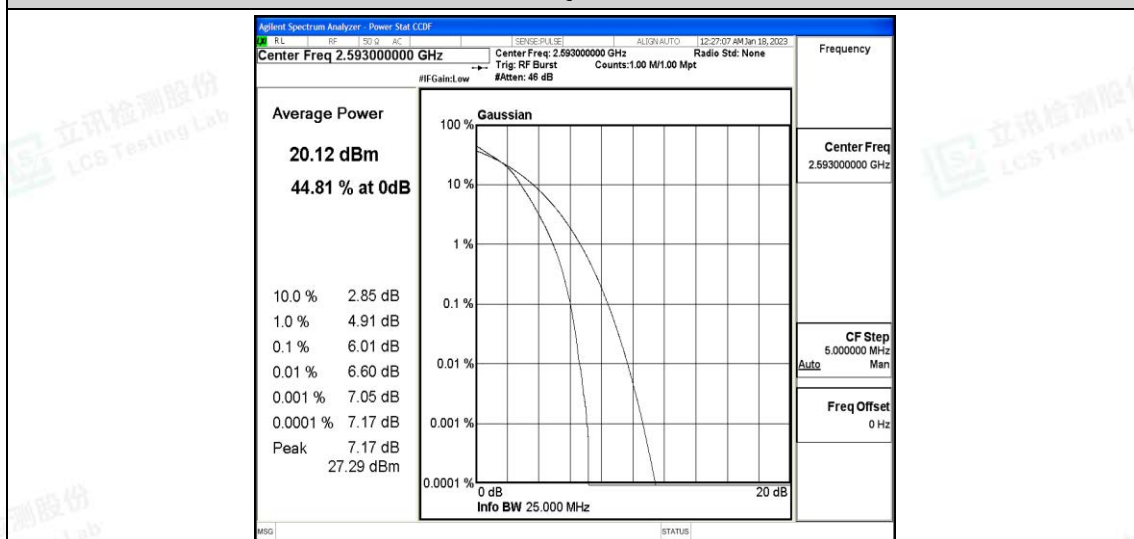




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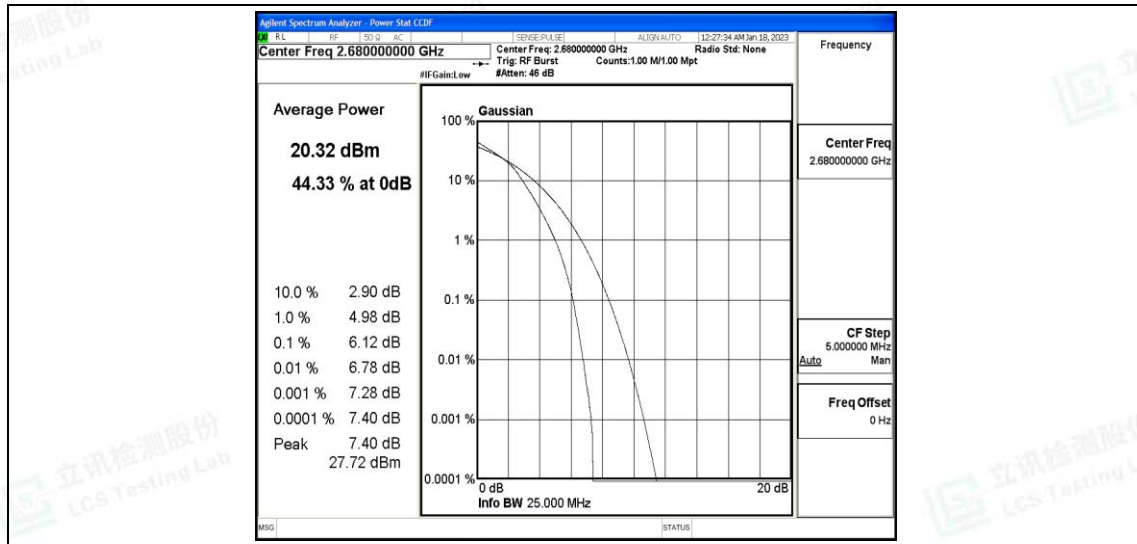


Band41-20MHz-16QAM-40620-100RB#0



Band41-20MHz-16QAM-41490-100RB#0







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

#### Test Result

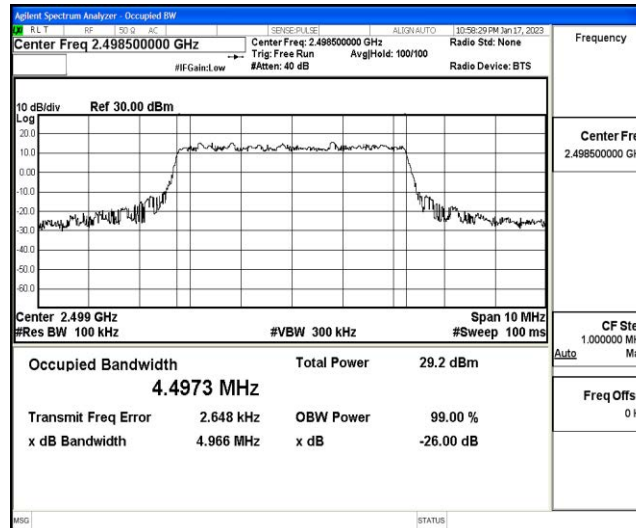
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 4.4973                   | 4.966                | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 4.4920                   | 5.054                | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 4.5008                   | 5.027                | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 4.4911                   | 5.036                | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 4.5045                   | 4.985                | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | 4.5028                   | 5.013                | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | 8.9983                   | 10.07                | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 50RB#0           | 8.9533                   | 10.20                | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 50RB#0           | 8.9760                   | 10.04                | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 50RB#0           | 8.9825                   | 9.698                | PASS    |
| Band41 | 10MHz     | 16QAM      | 40620   | 50RB#0           | 8.9652                   | 9.709                | PASS    |
| Band41 | 10MHz     | 16QAM      | 41540   | 50RB#0           | 8.9853                   | 9.741                | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 75RB#0           | 13.472                   | 15.18                | PASS    |
| Band41 | 15MHz     | QPSK       | 40620   | 75RB#0           | 13.442                   | 14.90                | PASS    |
| Band41 | 15MHz     | QPSK       | 41515   | 75RB#0           | 13.485                   | 15.24                | PASS    |
| Band41 | 15MHz     | 16QAM      | 39725   | 75RB#0           | 13.483                   | 15.39                | PASS    |
| Band41 | 15MHz     | 16QAM      | 40620   | 75RB#0           | 13.474                   | 15.07                | PASS    |
| Band41 | 15MHz     | 16QAM      | 41515   | 75RB#0           | 13.468                   | 15.13                | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0          | 17.879                   | 19.22                | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0          | 17.863                   | 19.54                | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0          | 17.975                   | 19.31                | PASS    |
| Band41 | 20MHz     | 16QAM      | 39750   | 100RB#0          | 17.912                   | 19.94                | PASS    |
| Band41 | 20MHz     | 16QAM      | 40620   | 100RB#0          | 17.876                   | 21.47                | PASS    |
| Band41 | 20MHz     | 16QAM      | 41490   | 100RB#0          | 17.959                   | 20.52                | PASS    |



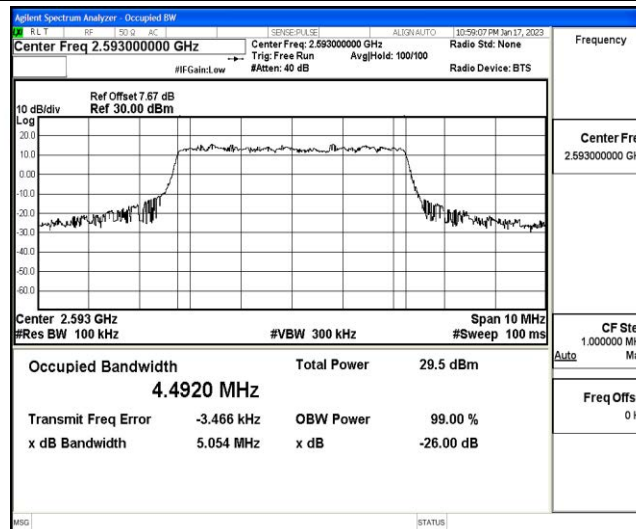


## Test Graphs

Band41-5MHz-QPSK-39675-25RB#0

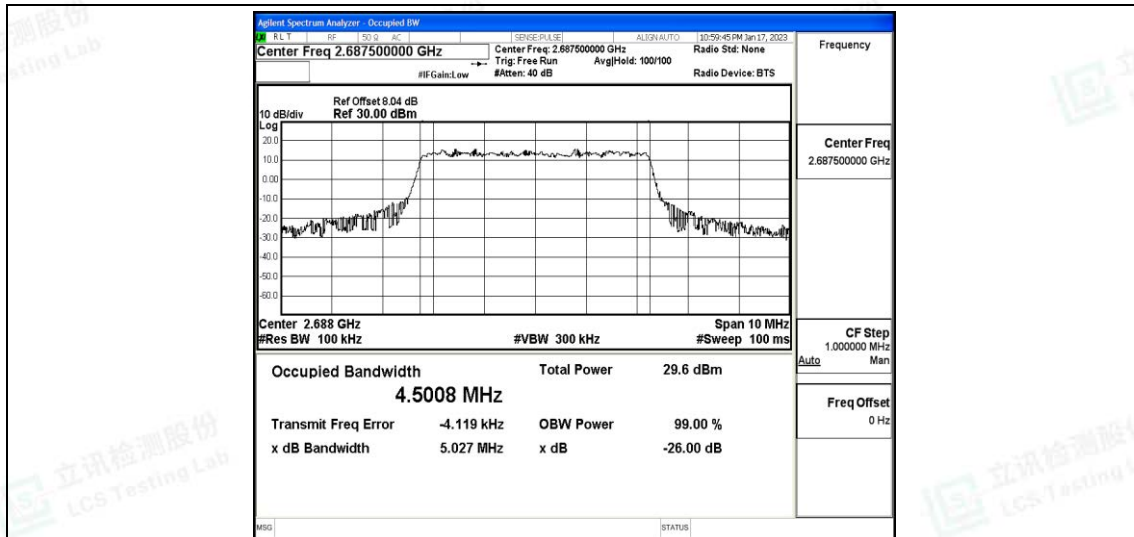


Band41-5MHz-QPSK-40620-25RB#0

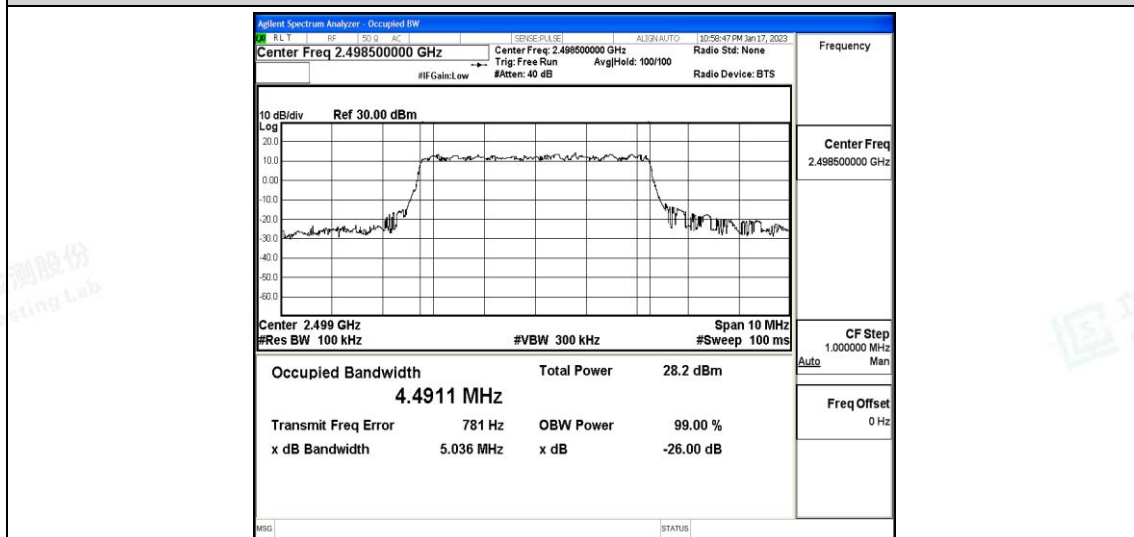


Band41-5MHz-QPSK-41565-25RB#0

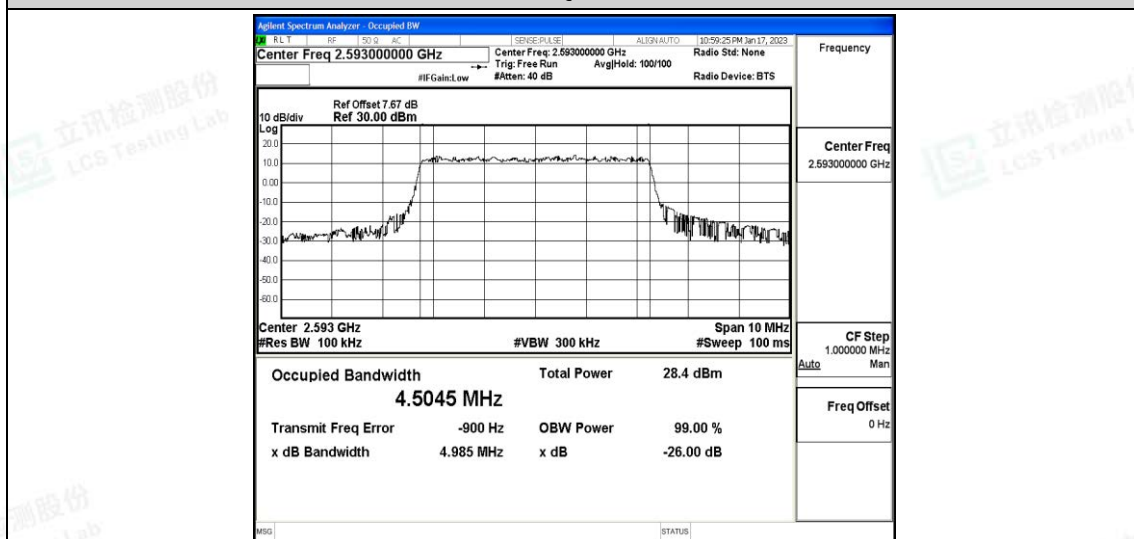




Band41-5MHz-16QAM-39675-25RB#0

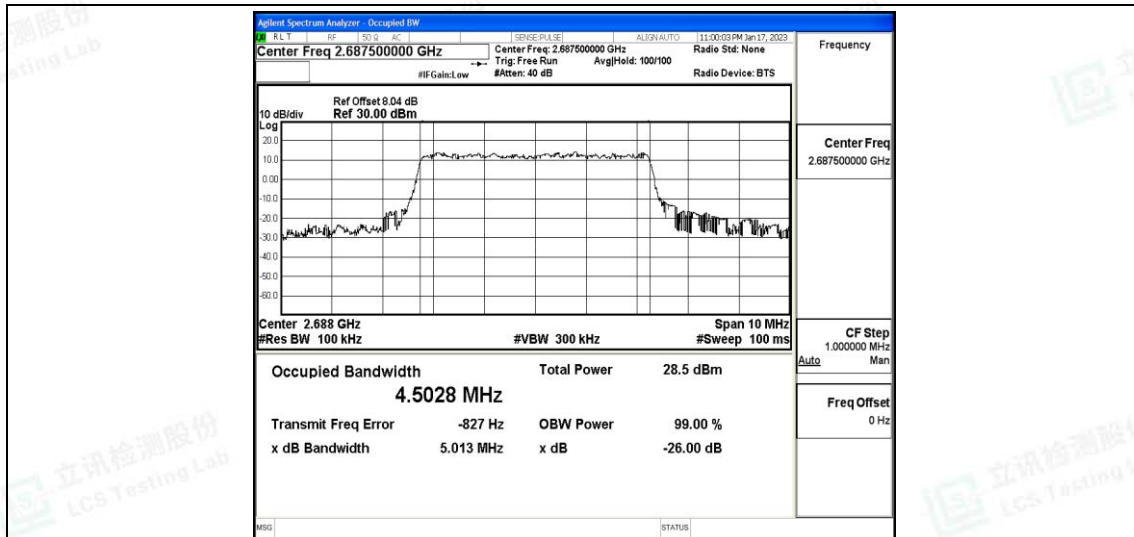


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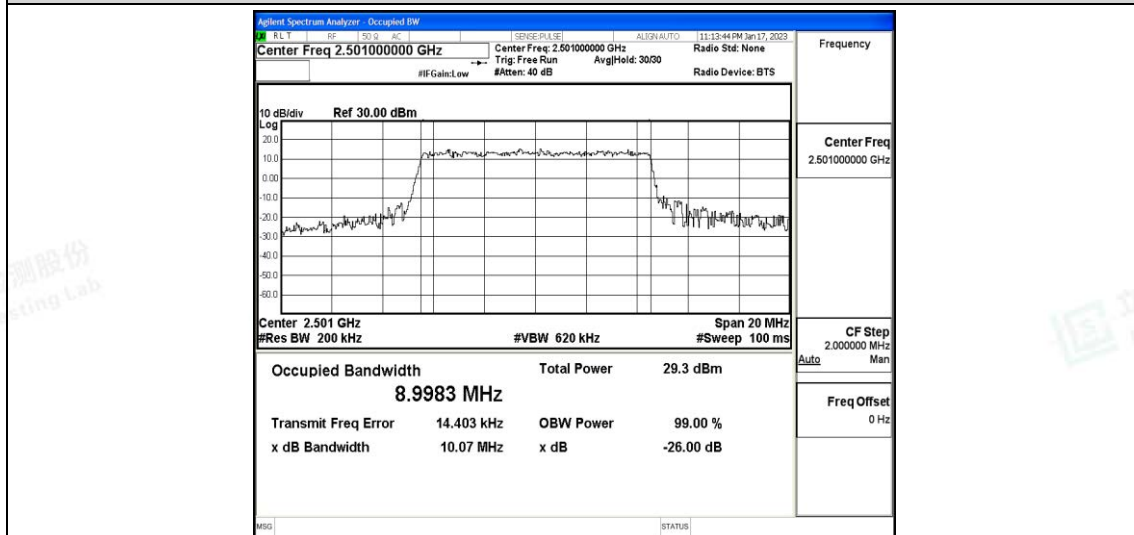


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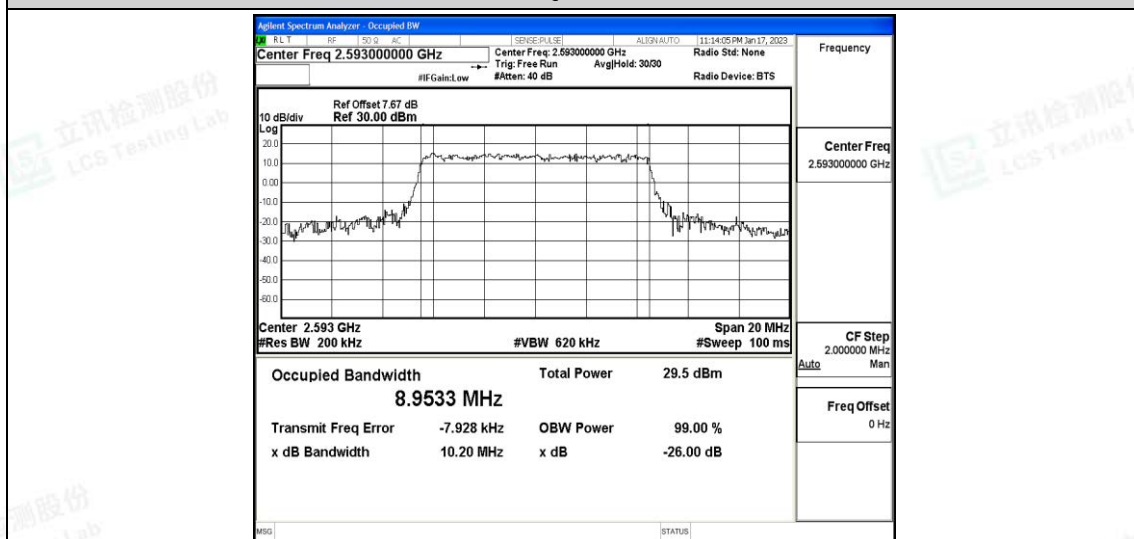




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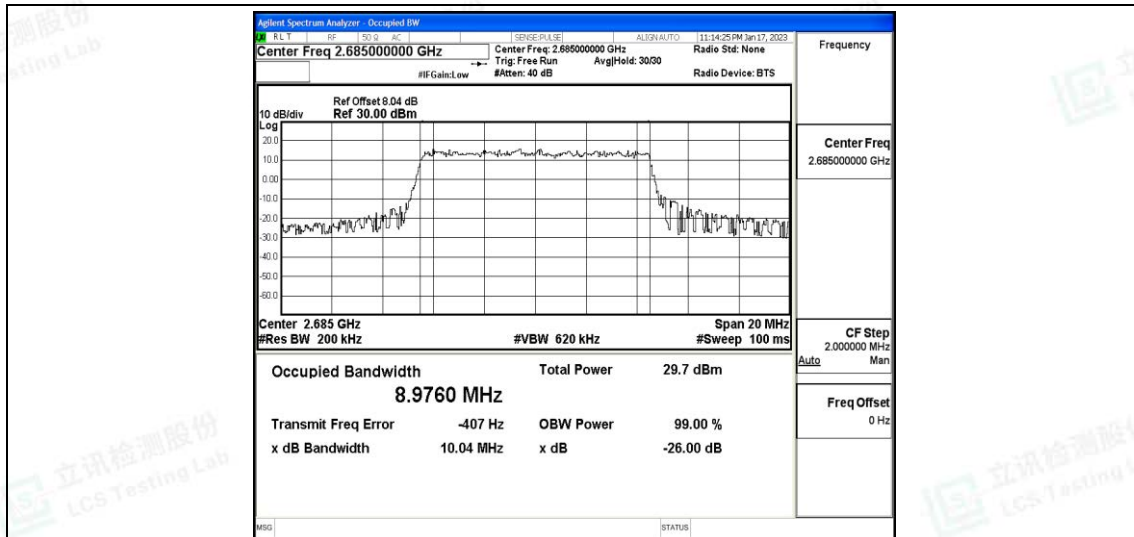


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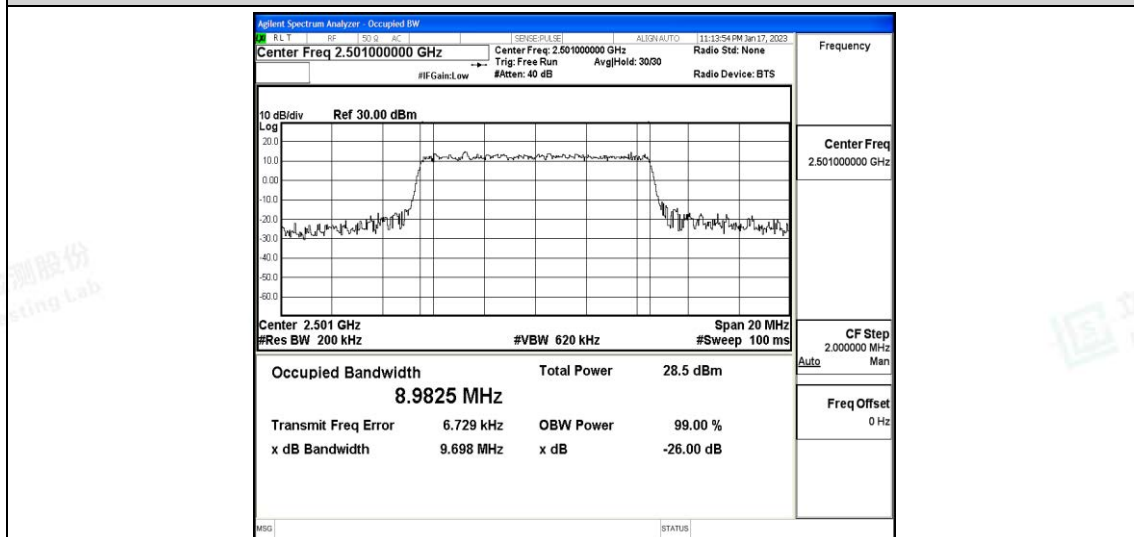


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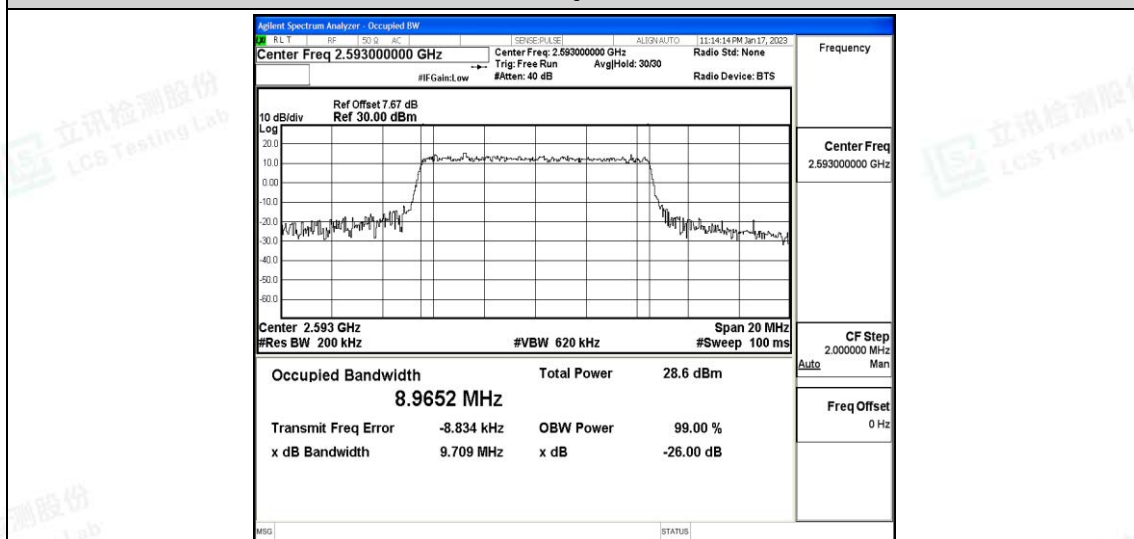




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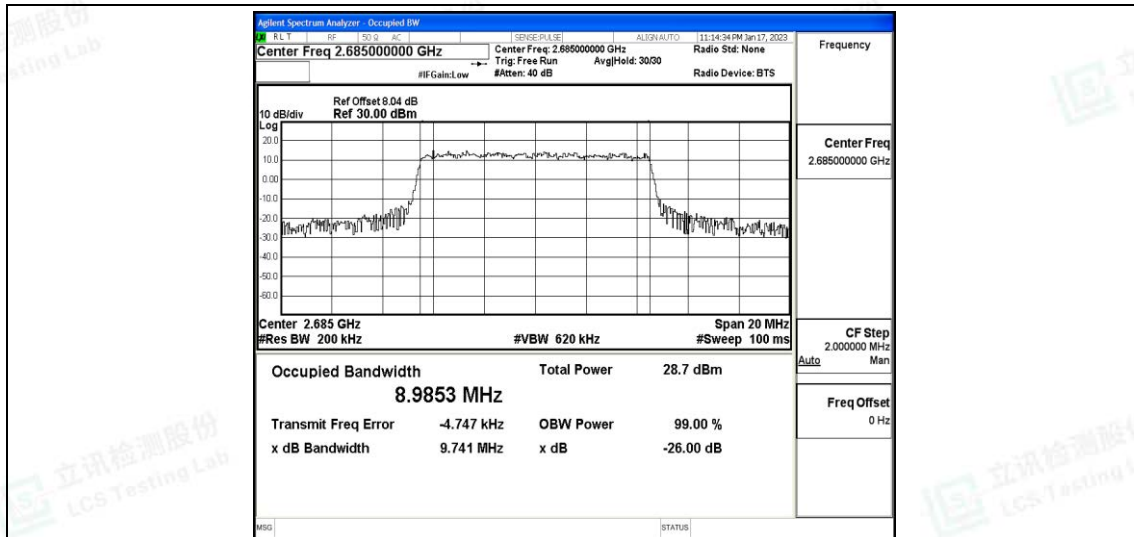


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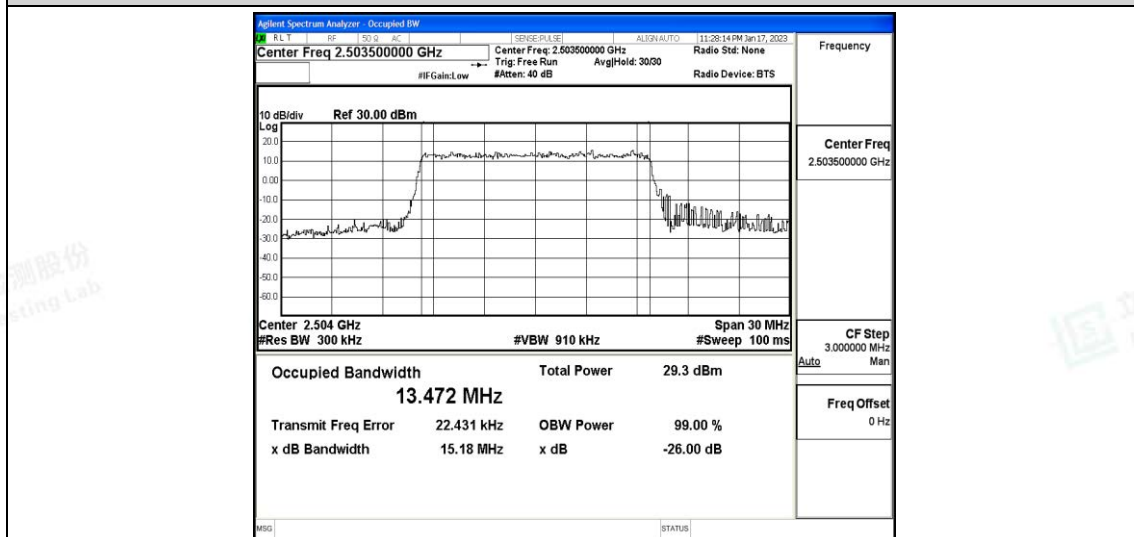


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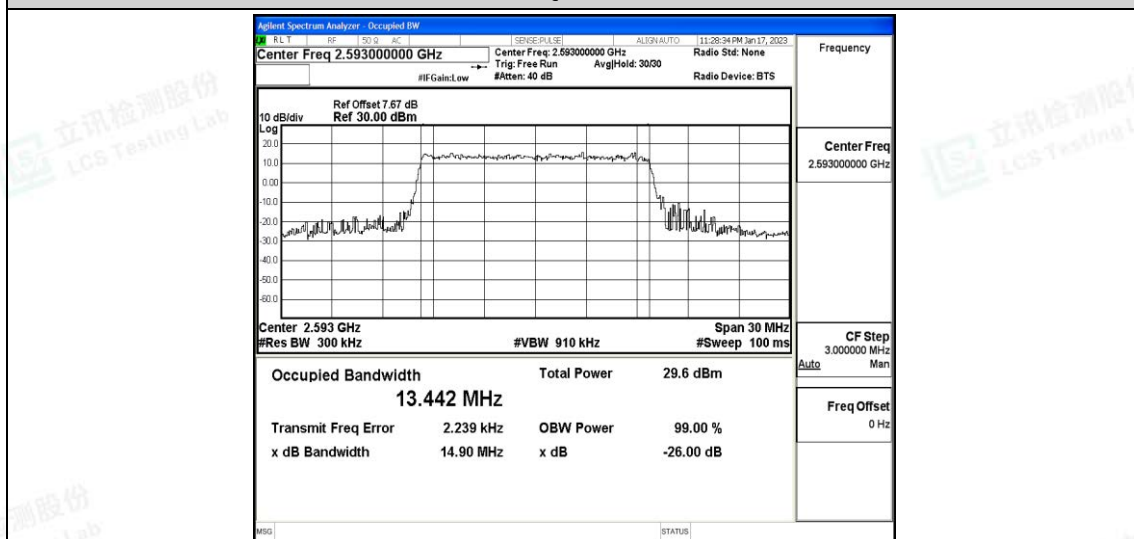




Band41-15MHz-QPSK-39725-75RB#0

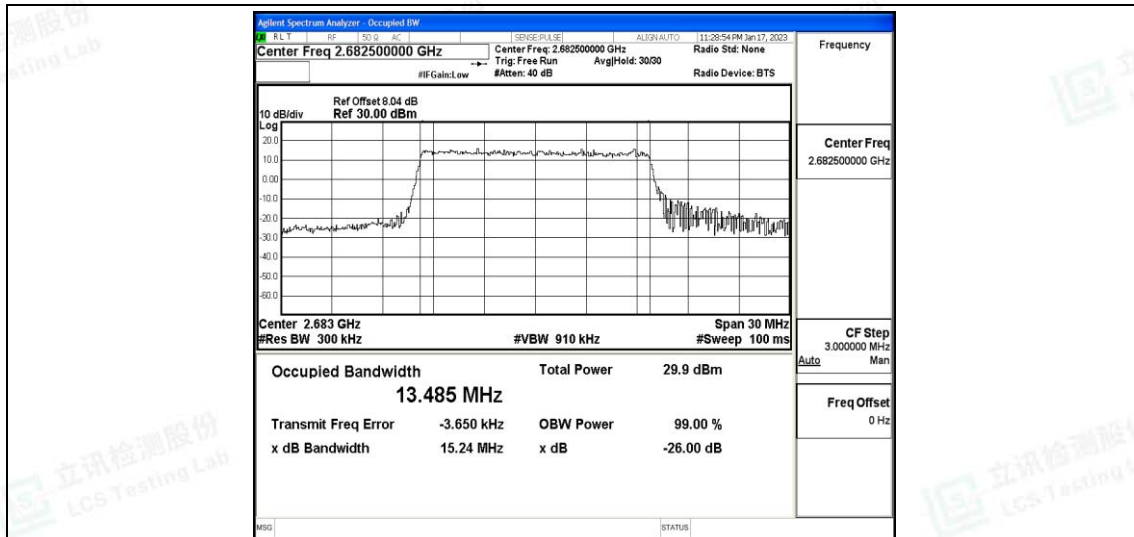


Band41-15MHz-QPSK-40620-75RB#0

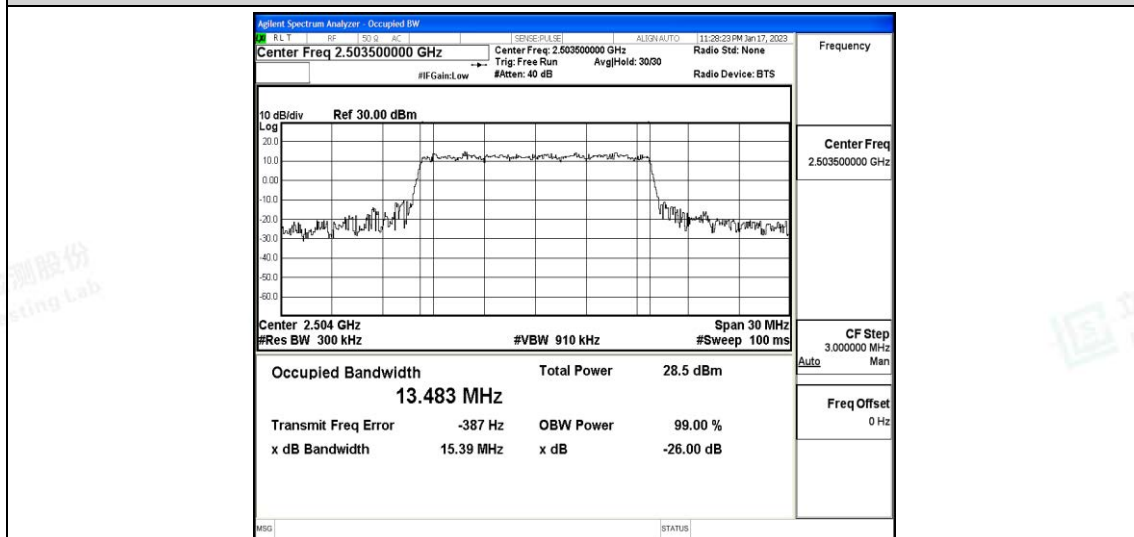


Band41-15MHz-QPSK-41515-75RB#0

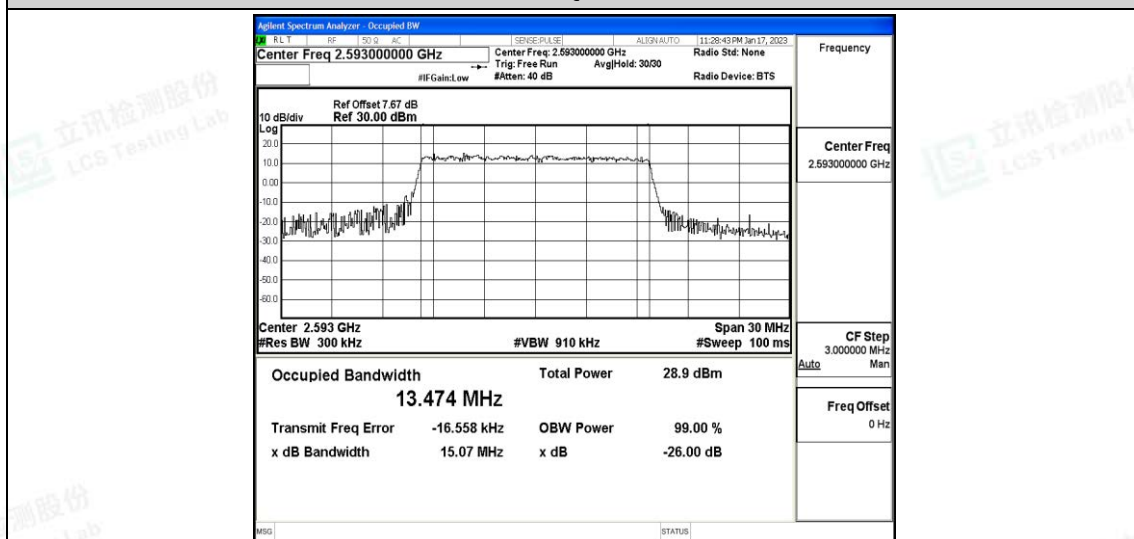




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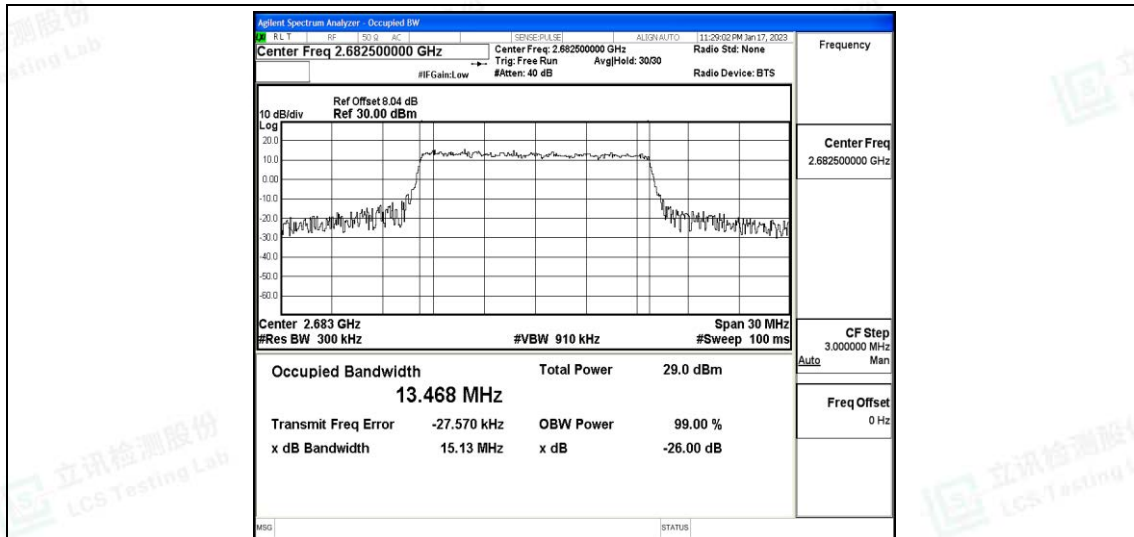


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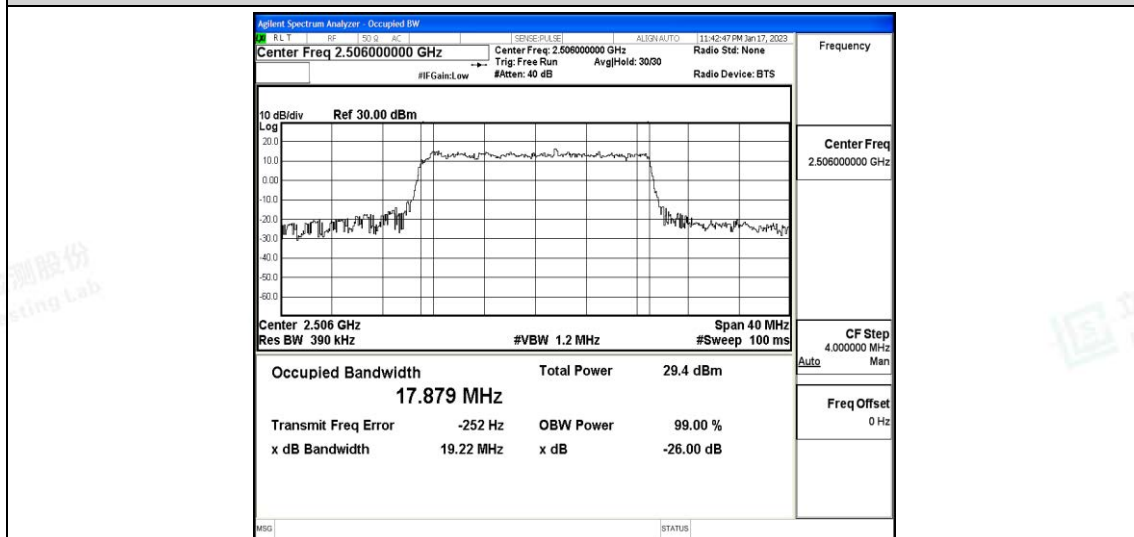


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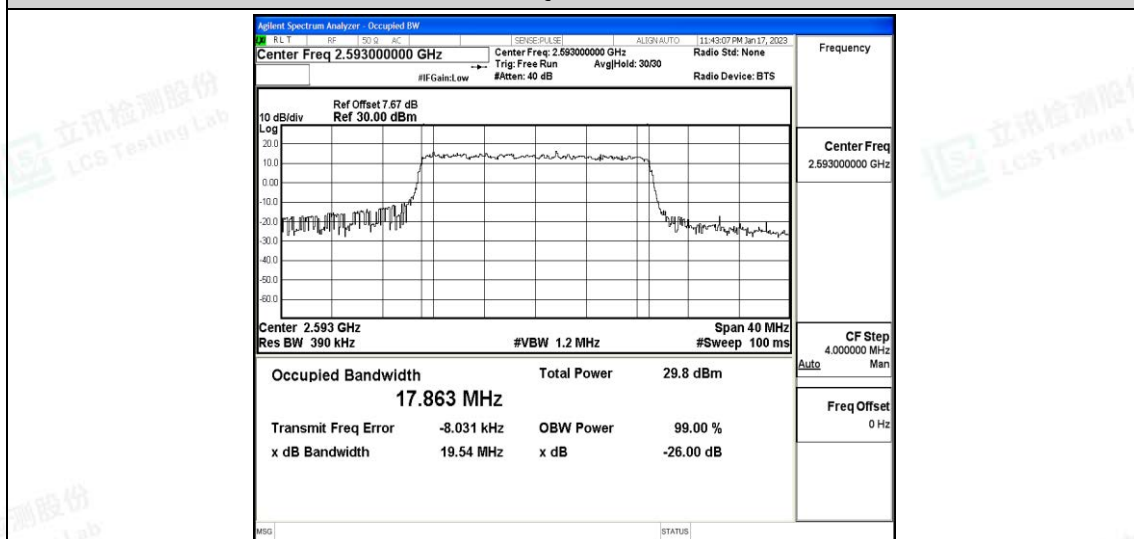




Band41-20MHz-QPSK-39750-100RB#0

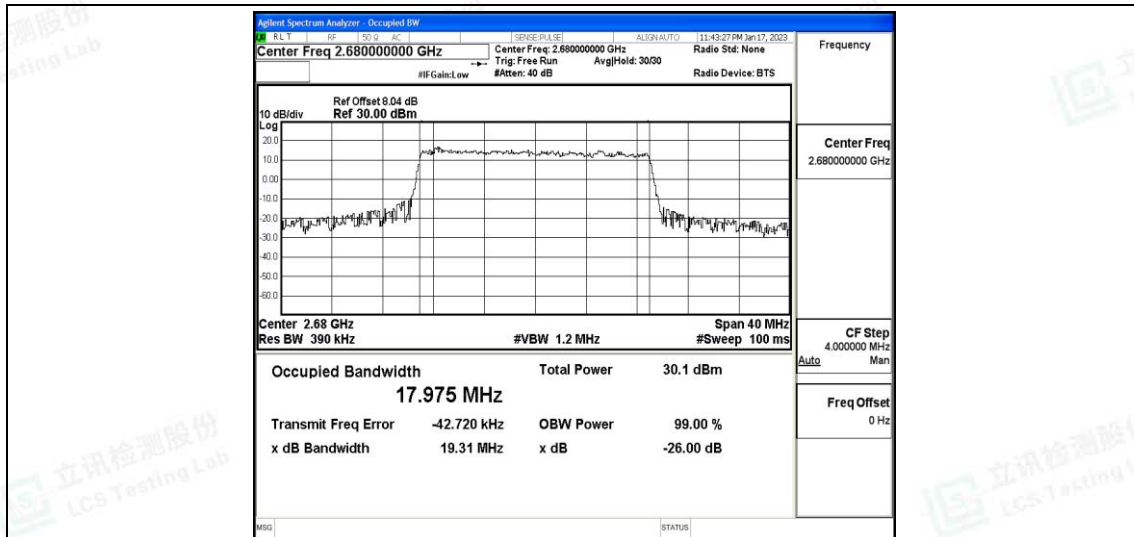


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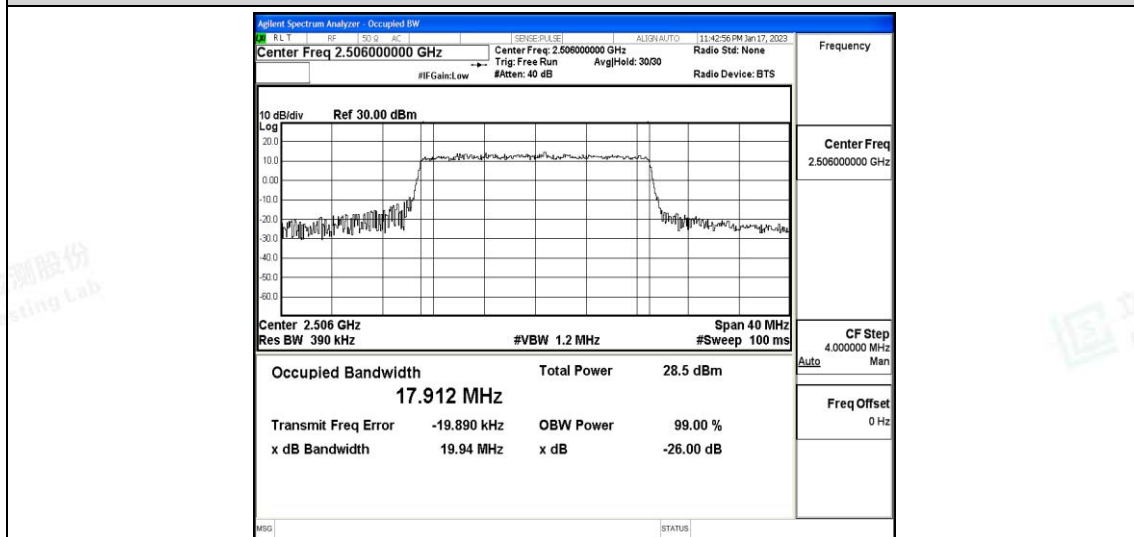


Band41-20MHz-QPSK-41490-100RB#0

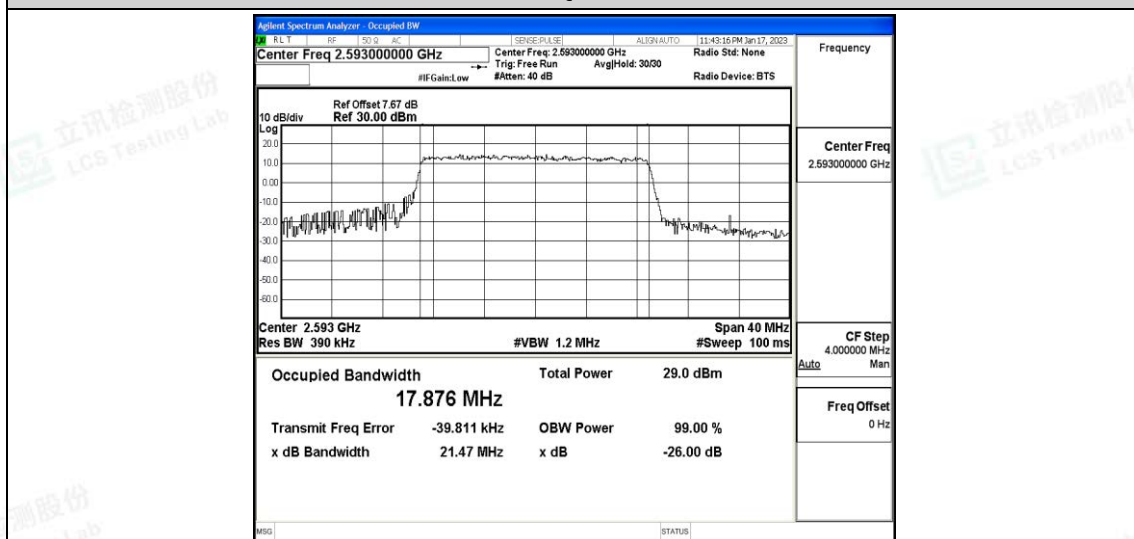




Band41-20MHz-16QAM-39750-100RB#0

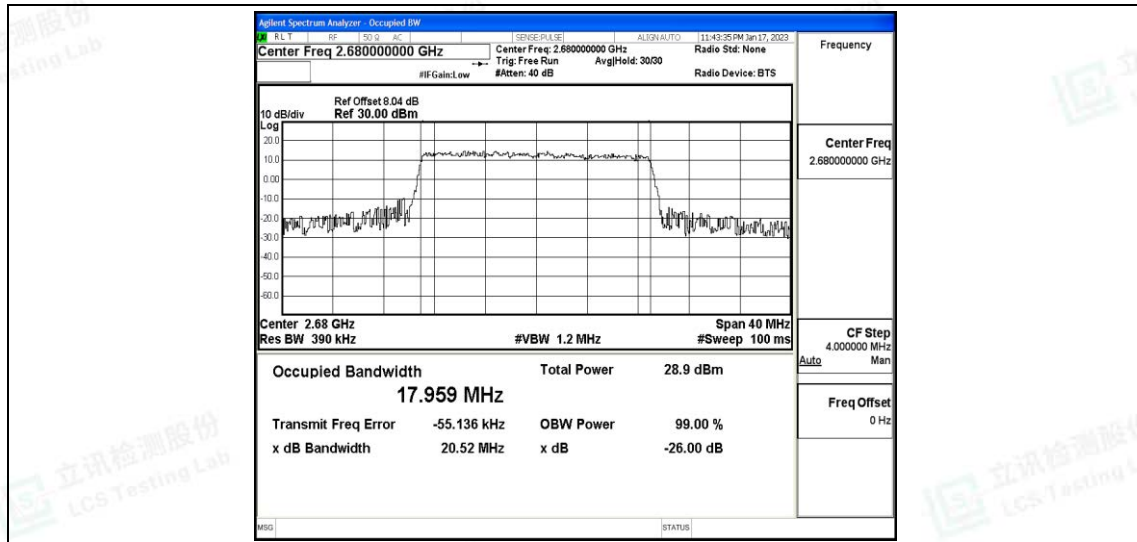


Band41-20MHz-16QAM-40620-100RB#0



Band41-20MHz-16QAM-41490-100RB#0





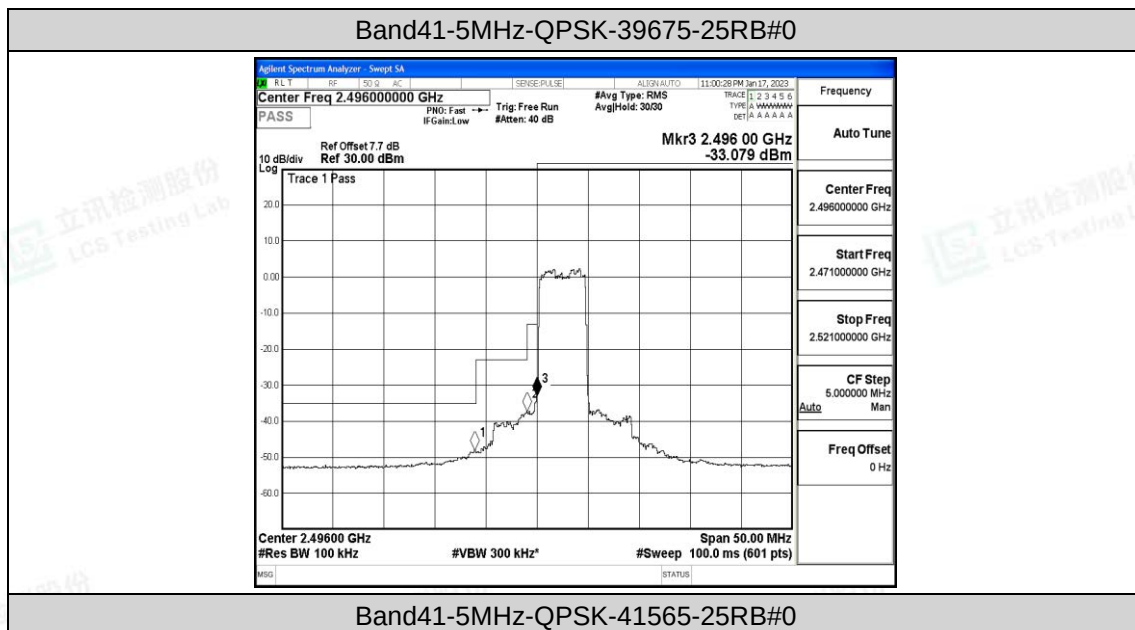


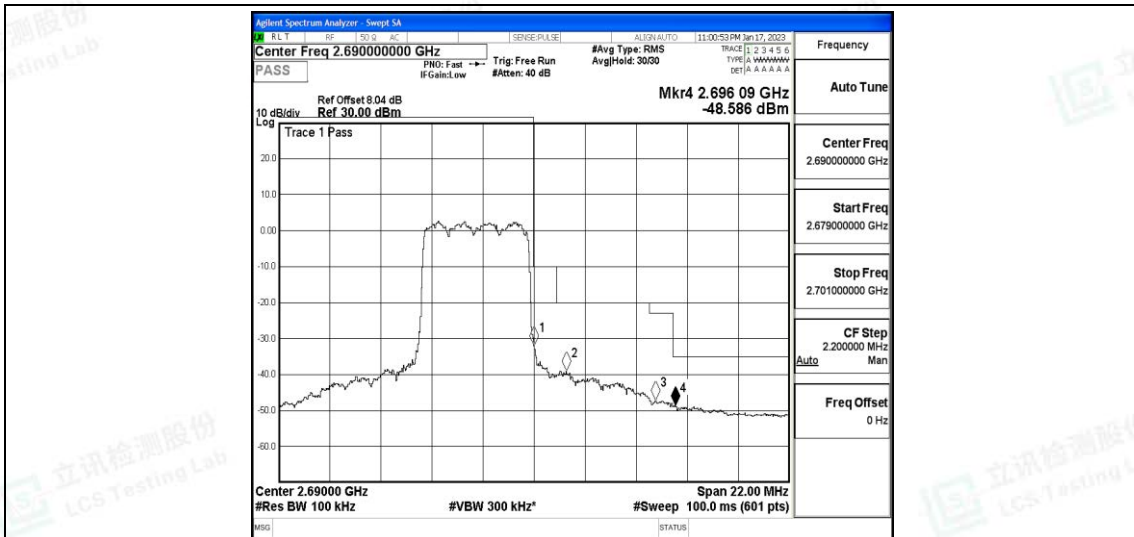
## L.4 Band Edge

### Test Result

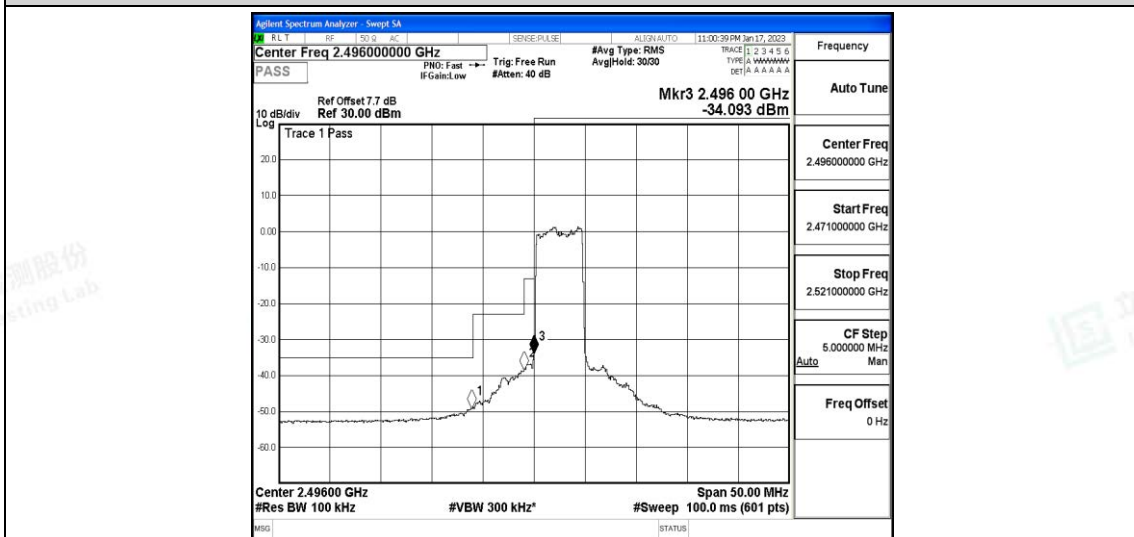
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm)                 | Verdict |
|--------|-----------|------------|---------|------------------|-----------------------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | -48.08,-37.21,-33.08        | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | -32.04,-39.06,-47.23,-48.59 | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | -49.13,-38.68,-34.09        | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | -33.43,-39.18,-47.91,-49.11 | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | -46.52,-37.54,-34.97        | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 50RB#0           | -35.44,-37.74,-41.27,-45.19 | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 50RB#0           | -46.55,-37.95,-35.63        | PASS    |
| Band41 | 10MHz     | 16QAM      | 41540   | 50RB#0           | -35.88,-38.70,-41.42,-46.10 | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 75RB#0           | -45.28,-35.31,-35.72        | PASS    |
| Band41 | 15MHz     | QPSK       | 41515   | 75RB#0           | -33.98,-34.70,-38.07,-43.22 | PASS    |
| Band41 | 15MHz     | 16QAM      | 39725   | 75RB#0           | -45.70,-36.18,-35.30        | PASS    |
| Band41 | 15MHz     | 16QAM      | 41515   | 75RB#0           | -35.72,-37.03,-39.56,-44.76 | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0          | -45.92,-37.41,-37.17        | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0          | -37.08,-37.90,-39.89,-44.55 | PASS    |
| Band41 | 20MHz     | 16QAM      | 39750   | 100RB#0          | -46.22,-38.34,-35.84        | PASS    |
| Band41 | 20MHz     | 16QAM      | 41490   | 100RB#0          | -38.06,-37.42,-39.54,-45.16 | PASS    |

### Test Graphs

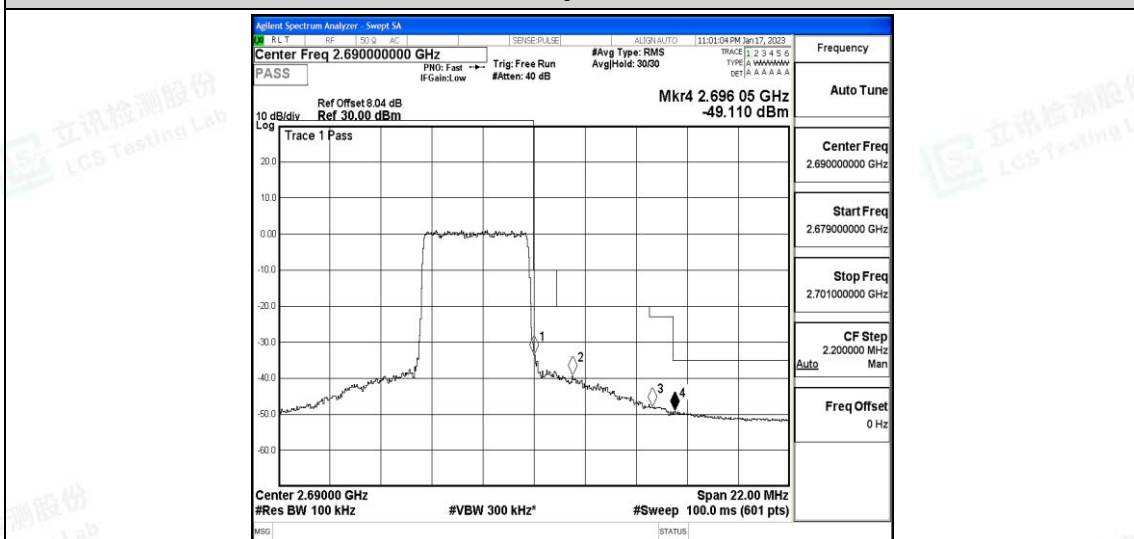




Band41-5MHz-16QAM-39675-25RB#0

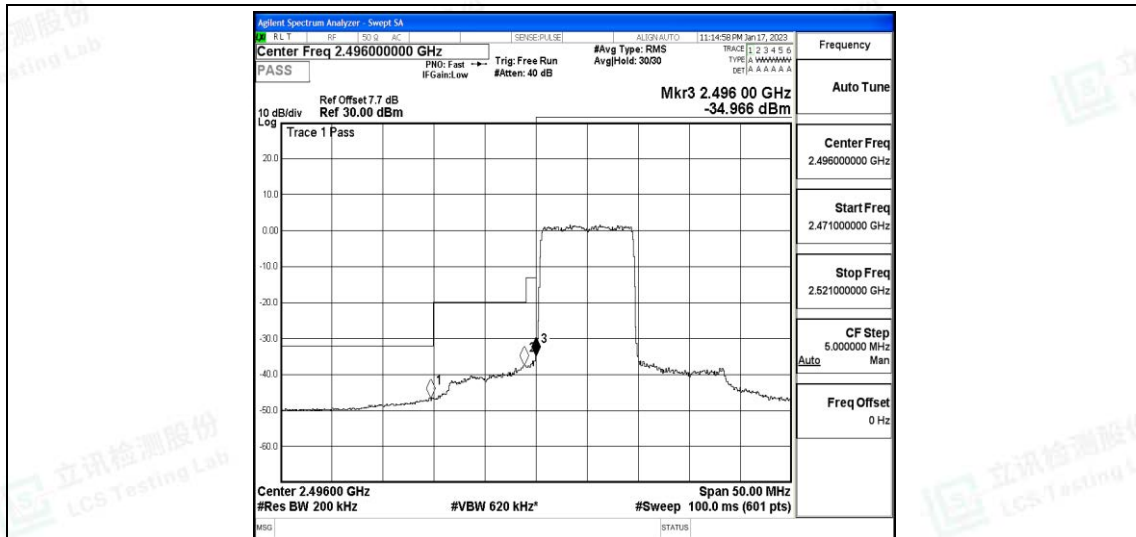


Band41-5MHz-16QAM-41565-25RB#0



Band41-10MHz-QPSK-39700-50RB#0





Band41-10MHz-QPSK-41540-50RB#0

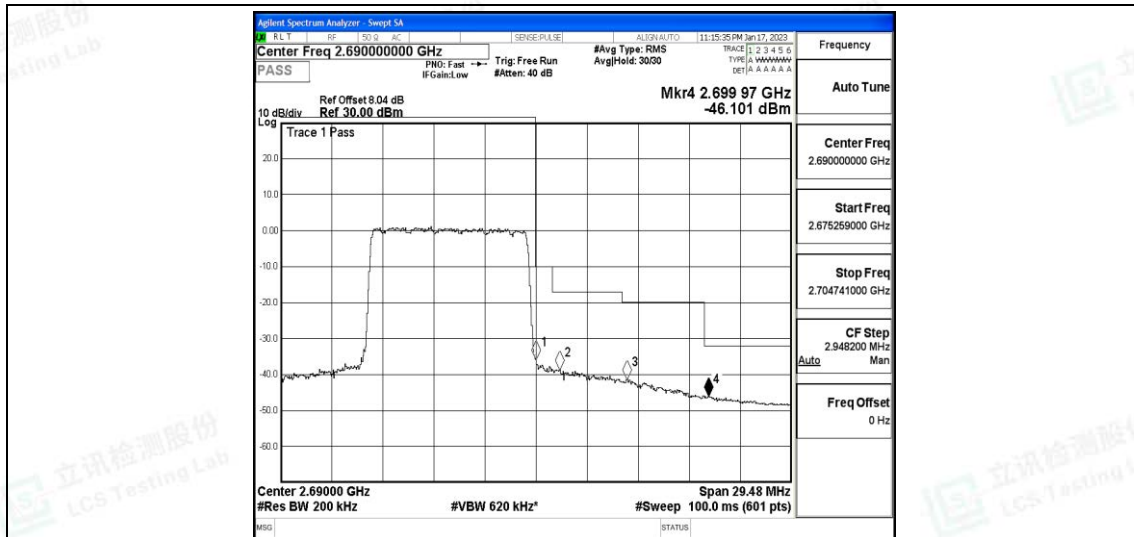


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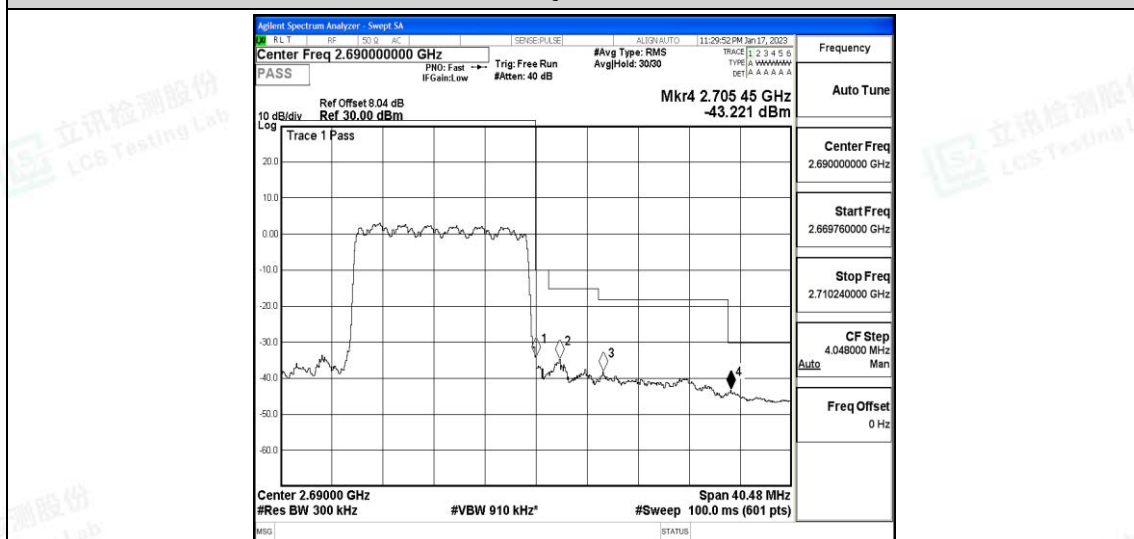




Band41-15MHz-QPSK-39725-75RB#0



Band41-15MHz-QPSK-41515-75RB#0



Band41-15MHz-16QAM-39725-75RB#0

