



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

Product Name: Smart Phone

Test Model: HPPL63A

### Environmental Conditions

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





## K.1 Conducted Output Power Data

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#0            | 21.66       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#0            | 21.31       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#12           | 21.55       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#12           | 21.37       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#24           | 21.67       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#24           | 21.35       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 12RB#0           | 19.86       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 12RB#6           | 20.71       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 12RB#6           | 19.85       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 12RB#13          | 20.69       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 12RB#13          | 19.96       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 20.64       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 12RB#6           | 20.82       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 12RB#13          | 20.85       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 12RB#13          | 20.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 20.86       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 20.08       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#0            | 21.58       | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 1RB#0            | 20.89       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#12           | 21.51       | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 1RB#12           | 21.24       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#24           | 21.53       | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 1RB#24           | 21.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 12RB#0           | 20.68       | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 12RB#0           | 19.83       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 12RB#6           | 20.69       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 12RB#13          | 20.80       | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 12RB#13          | 20.06       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 20.87       | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | 20.17       | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 1RB#0            | 22.03       | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 1RB#0            | 21.77       | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 1RB#24           | 22.14       | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 1RB#24           | 21.81       | PASS    |



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|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band41 | 10MHz | QPSK  | 39700 | 1RB#49  | 22.35 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 50RB#0  | 20.37 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#0   | 21.84 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#0   | 21.51 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#24  | 21.80 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#24  | 21.46 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#49  | 22.02 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 25RB#25 | 21.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#25 | 20.06 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 50RB#0  | 20.87 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 50RB#0  | 20.17 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#0   | 21.94 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#0   | 21.63 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#24  | 21.89 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#0  | 20.08 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 25RB#12 | 20.91 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#12 | 20.08 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#25 | 20.09 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 50RB#0  | 20.91 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 50RB#0  | 20.03 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#0   | 22.04 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#0   | 21.78 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#38  | 22.22 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#38  | 21.93 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#74  | 22.57 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#74  | 22.27 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 38RB#0  | 21.22 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 38RB#18 | 21.22 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 38RB#18 | 21.22 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 38RB#37 | 21.21 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 38RB#37 | 21.21 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 75RB#0  | 21.21 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 75RB#0  | 20.52 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#0   | 21.73 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#0   | 21.34 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#38  | 21.52 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#74  | 21.94 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#74  | 21.65 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 38RB#0  | 20.85 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 38RB#0  | 20.85 | PASS |





|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band41 | 15MHz | QPSK  | 40620 | 38RB#18 | 20.85 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 38RB#18 | 20.86 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 38RB#37 | 20.86 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 38RB#37 | 20.86 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 75RB#0  | 20.86 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0  | 20.13 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#0   | 21.83 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#0   | 21.52 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#38  | 21.90 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 38RB#18 | 20.78 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 38RB#37 | 20.78 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 38RB#37 | 20.78 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 75RB#0  | 20.08 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#0   | 21.72 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#0   | 21.07 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#49  | 22.10 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#49  | 21.29 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#99  | 22.39 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#99  | 21.85 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 50RB#0  | 20.74 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#0  | 20.20 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#25 | 20.19 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 50RB#50 | 21.32 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#50 | 20.71 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 100RB#0 | 21.10 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 20.38 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#0   | 21.51 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#0   | 21.22 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#49  | 21.55 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#25 | 20.78 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#25 | 20.23 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#50 | 20.82 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#50 | 20.12 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | 20.88 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 20.14 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#0   | 21.52 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#0   | 21.58 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#49  | 21.57 | PASS |
| Band41 | 5MHz  | QPSK  | 39675 | 12RB#0  | 20.71 | PASS |
| Band41 | 5MHz  | 16QAM | 39675 | 25RB#0  | 20.03 | PASS |



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|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band41 | 5MHz  | QPSK  | 40620 | 1RB#0   | 21.47 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 1RB#0   | 20.99 | PASS |
| Band41 | 5MHz  | QPSK  | 40620 | 1RB#12  | 21.53 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 1RB#12  | 21.29 | PASS |
| Band41 | 5MHz  | QPSK  | 40620 | 1RB#24  | 21.62 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 1RB#24  | 21.20 | PASS |
| Band41 | 5MHz  | QPSK  | 40620 | 12RB#0  | 20.67 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 12RB#0  | 19.84 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 12RB#6  | 20.01 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 12RB#6  | 19.84 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#49  | 22.05 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 25RB#0  | 21.07 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#0  | 20.31 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 25RB#12 | 21.07 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#12 | 20.31 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 25RB#25 | 21.20 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#25 | 20.48 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 50RB#0  | 21.07 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#49  | 21.57 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 25RB#0  | 20.71 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#0  | 19.96 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 25RB#12 | 20.72 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#12 | 19.96 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#24  | 21.47 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#49  | 21.87 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#49  | 21.44 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 25RB#0  | 20.90 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 25RB#25 | 20.92 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 38RB#0  | 21.23 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#38  | 21.91 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#38  | 21.58 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#74  | 21.84 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#74  | 21.41 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 38RB#0  | 20.77 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 38RB#0  | 20.77 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 38RB#18 | 20.77 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 75RB#0  | 20.78 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 50RB#25 | 20.74 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#49  | 21.32 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#99  | 21.82 | PASS |



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|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band41 | 20MHz | 16QAM | 40620 | 1RB#99  | 21.45 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#0  | 20.82 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#0  | 20.13 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#25 | 20.82 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#25 | 20.13 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#50 | 20.94 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#50 | 20.37 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 100RB#0 | 20.88 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 20.16 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#49  | 21.54 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#99  | 21.60 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#99  | 21.56 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#0  | 20.77 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#0  | 20.22 | PASS |





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

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#0            | 8.13       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#0            | 8.58       | 13        | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 8.88       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 9.47       | 13        | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#0            | 8.55       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#0            | 9.13       | 13        | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 8.90       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 9.71       | 13        | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#0            | 8.28       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 1RB#0            | 8.66       | 13        | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 9.25       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | 9.64       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 1RB#0            | 7.74       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 1RB#0            | 8.18       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | 8.92       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 50RB#0           | 9.40       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 1RB#0            | 8.63       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 40620   | 1RB#0            | 9.03       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 50RB#0           | 9.06       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 40620   | 50RB#0           | 9.59       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 1RB#0            | 8.22       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 41540   | 1RB#0            | 9.09       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 50RB#0           | 8.87       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 41540   | 50RB#0           | 9.92       | 13        | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 1RB#0            | 8.21       | 13        | PASS    |
| Band41 | 15MHz     | 16QAM      | 39725   | 1RB#0            | 7.94       | 13        | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 75RB#0           | 9.35       | 13        | PASS    |
| Band41 | 15MHz     | 16QAM      | 39725   | 75RB#0           | 9.65       | 13        | PASS    |
| Band41 | 15MHz     | QPSK       | 40620   | 1RB#0            | 8.32       | 13        | PASS    |
| Band41 | 15MHz     | 16QAM      | 40620   | 1RB#0            | 9.07       | 13        | PASS    |
| Band41 | 15MHz     | QPSK       | 40620   | 75RB#0           | 9.21       | 13        | PASS    |
| Band41 | 15MHz     | 16QAM      | 40620   | 75RB#0           | 9.70       | 13        | PASS    |
| Band41 | 15MHz     | QPSK       | 41515   | 1RB#0            | 8.02       | 13        | PASS    |
| Band41 | 15MHz     | 16QAM      | 41515   | 1RB#0            | 9.16       | 13        | PASS    |



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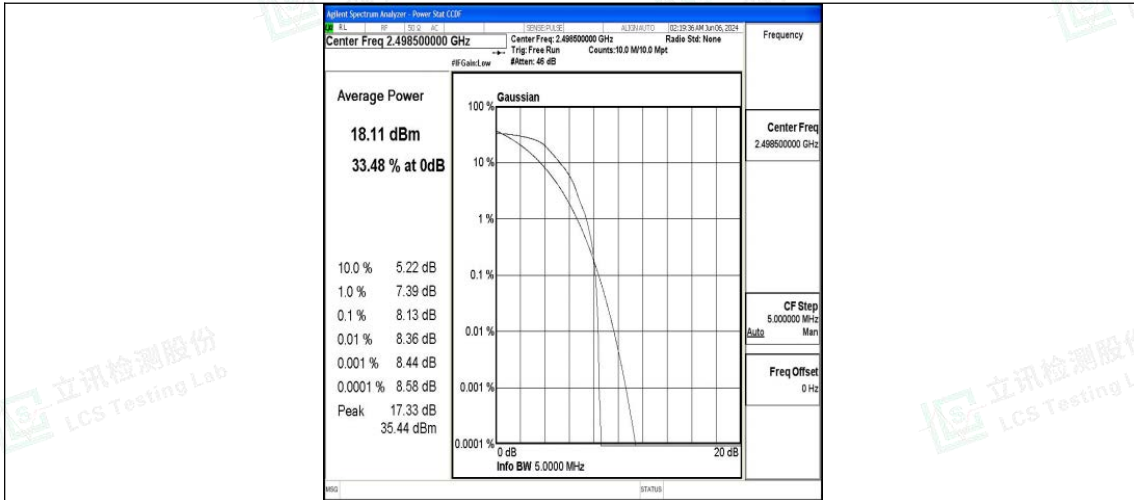
|        |       |       |       |         |      |    |      |
|--------|-------|-------|-------|---------|------|----|------|
| Band41 | 15MHz | QPSK  | 41515 | 75RB#0  | 9.52 | 13 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 75RB#0  | 9.67 | 13 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#0   | 7.50 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#0   | 7.92 | 13 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 100RB#0 | 8.88 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 9.64 | 13 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#0   | 8.00 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#0   | 8.30 | 13 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 100RB#0 | 8.86 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 9.48 | 13 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#0   | 8.00 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#0   | 8.50 | 13 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | 8.79 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 9.69 | 13 | PASS |



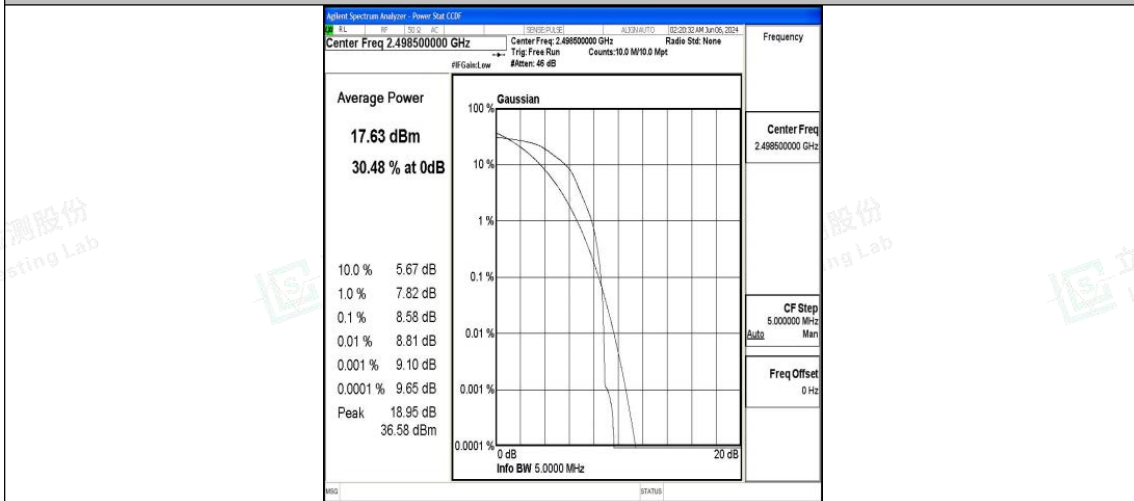




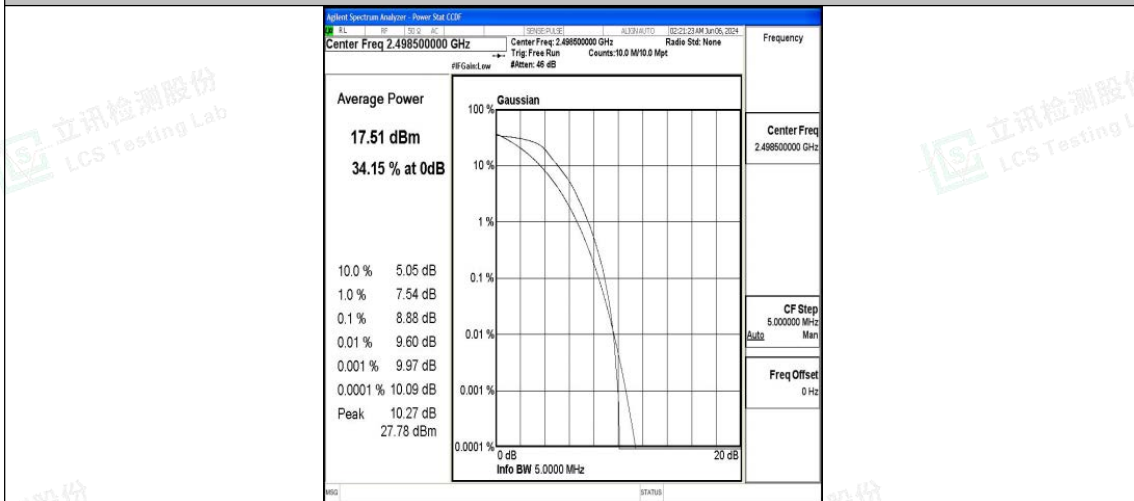
### Test Graphs



Band41-5MHz-QPSK-39675-1RB#0-PASS

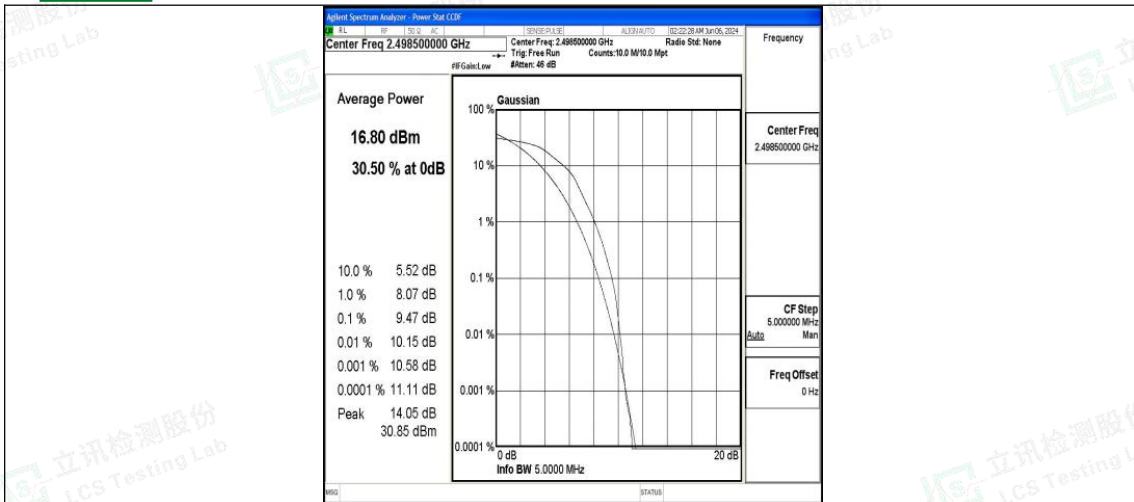


Band41-5MHz-16QAM-39675-1RB#0-PASS

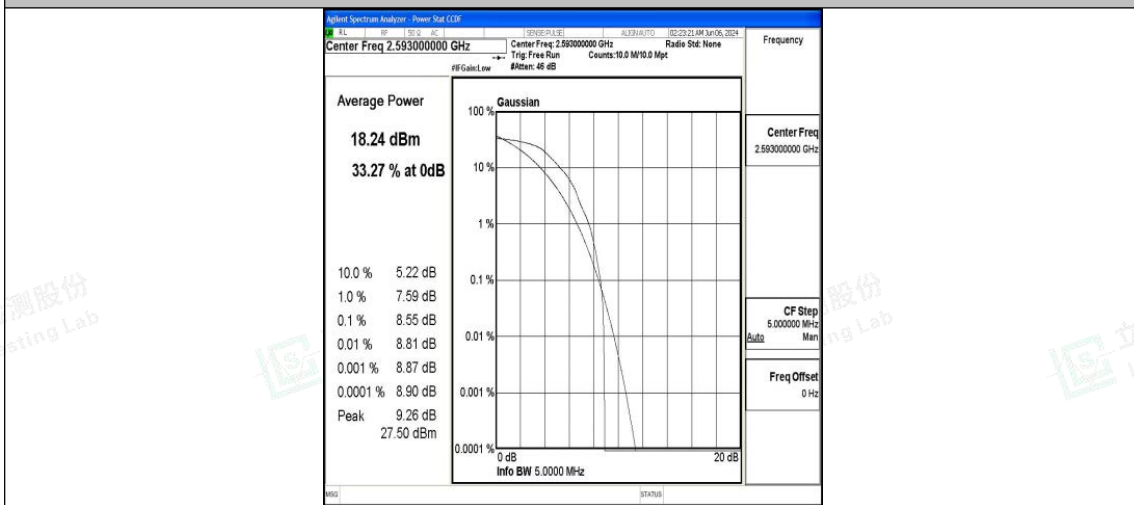


Band41-5MHz-QPSK-39675-25RB#0-PASS

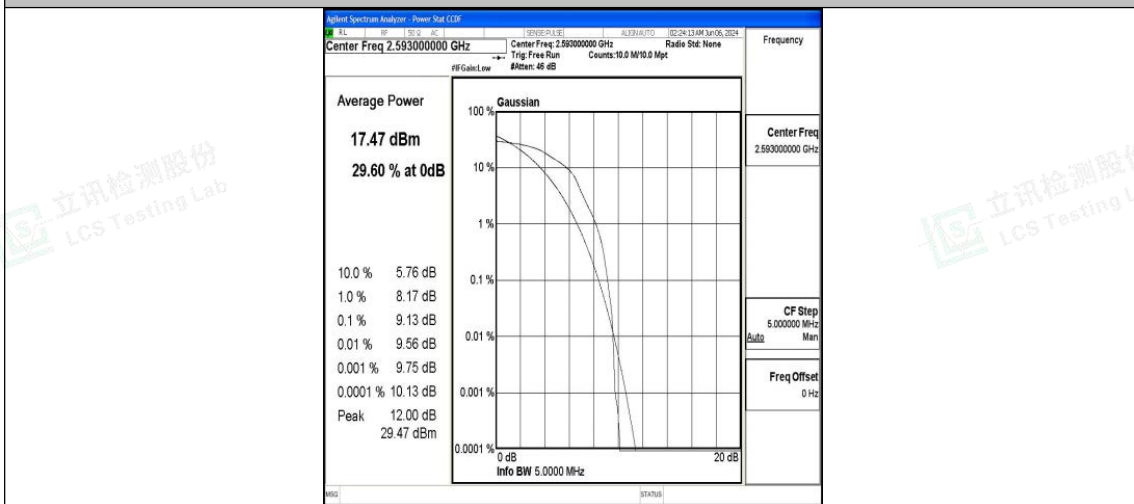




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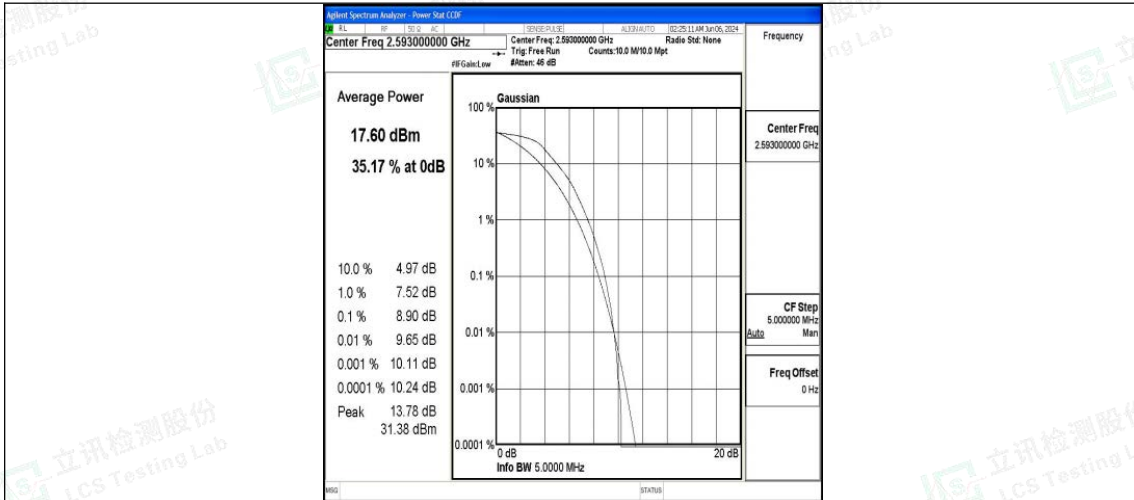


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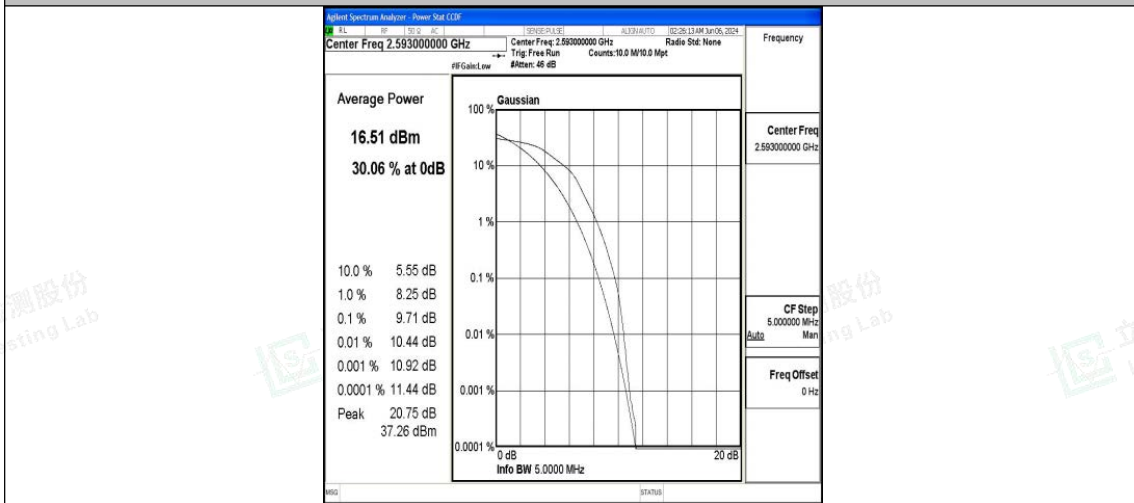


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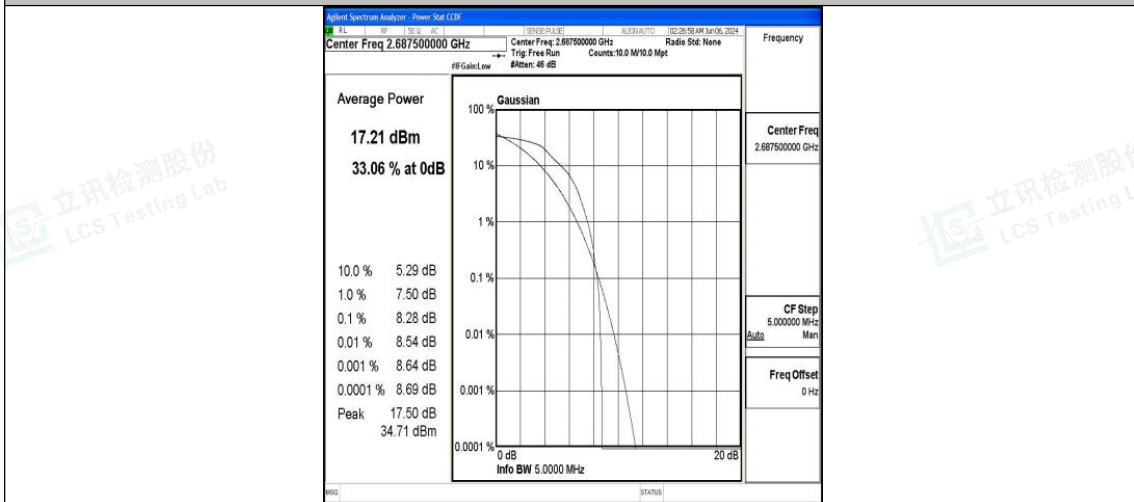




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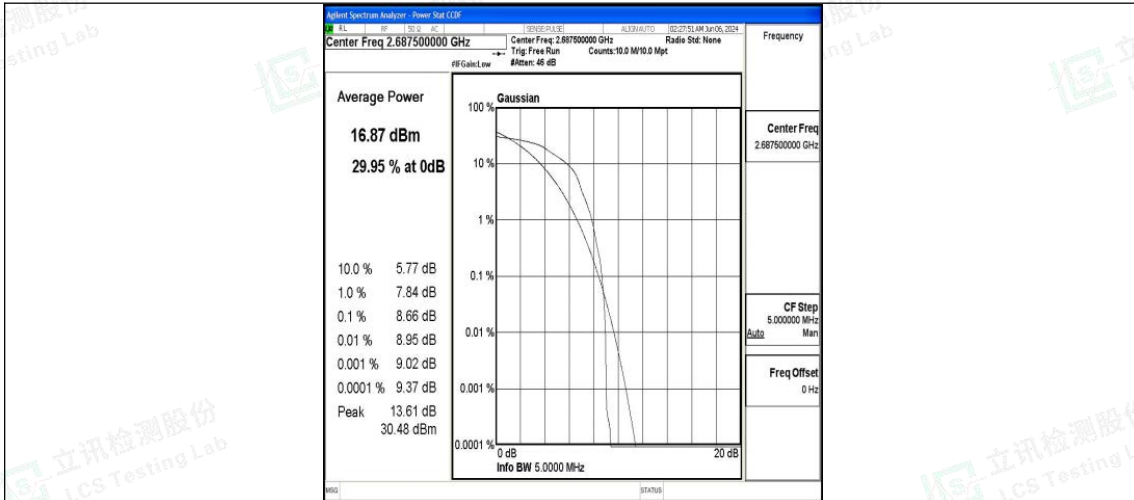


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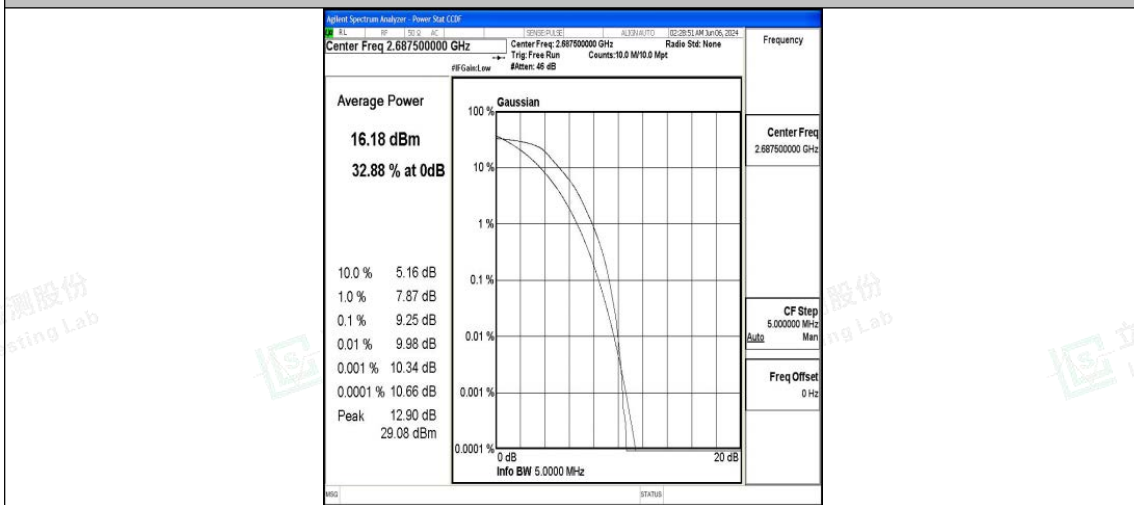


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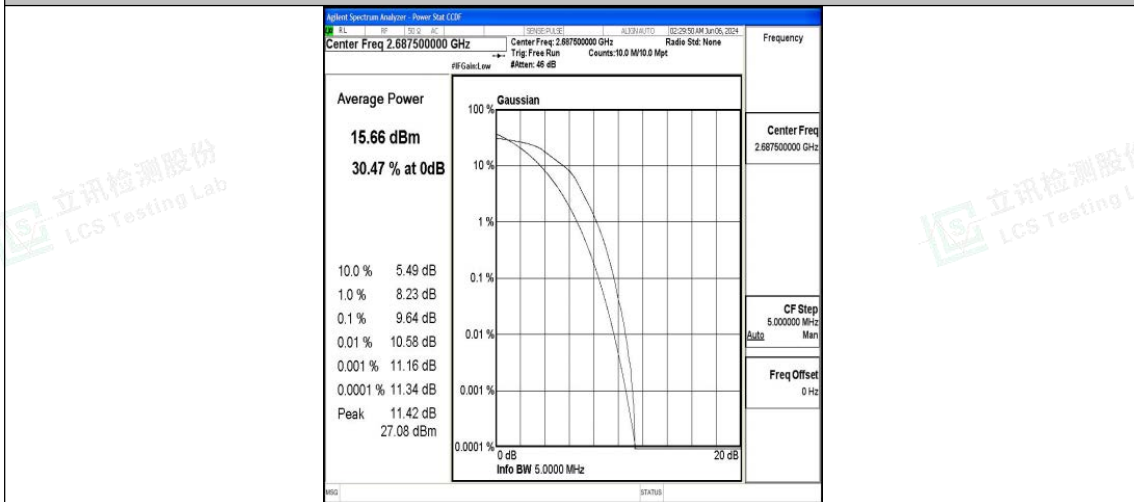




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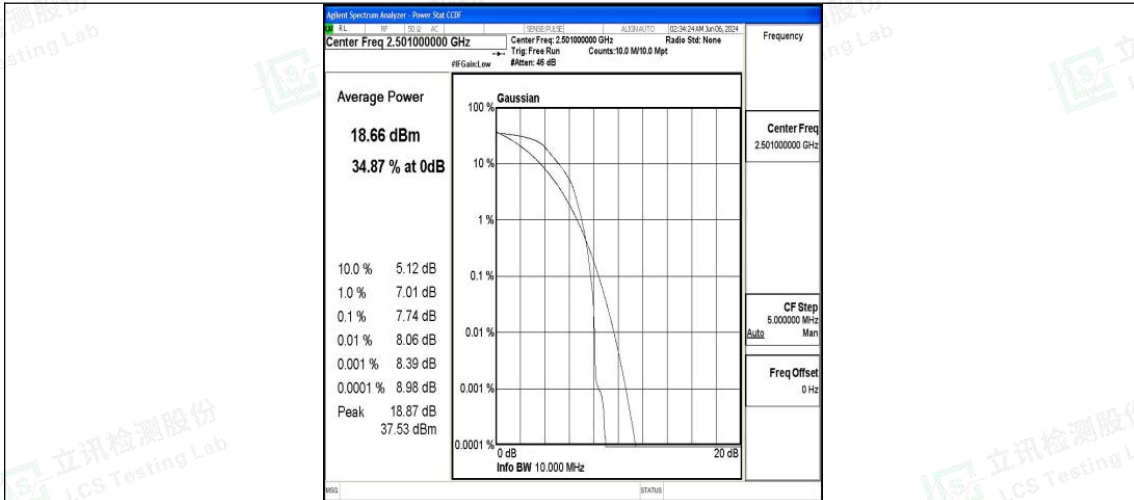


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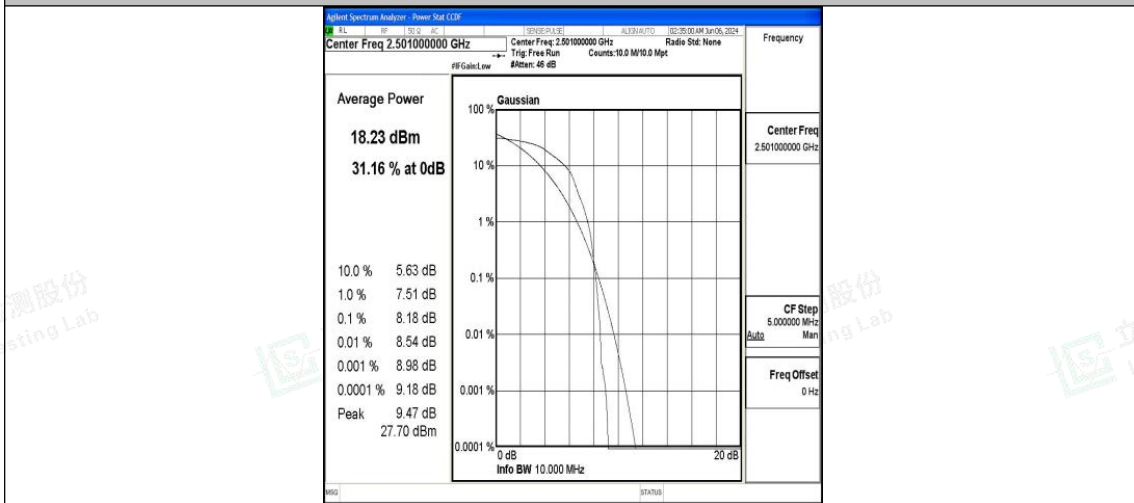


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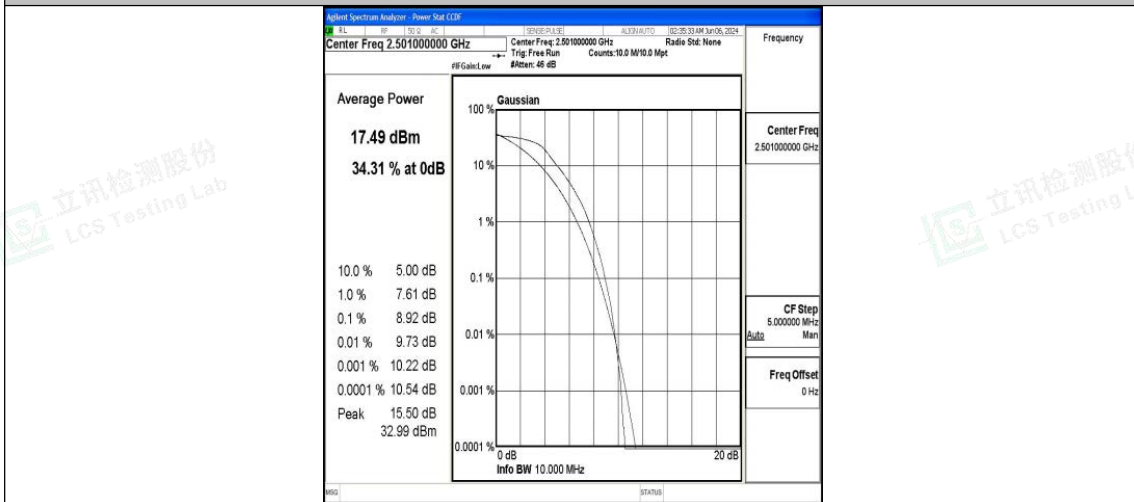




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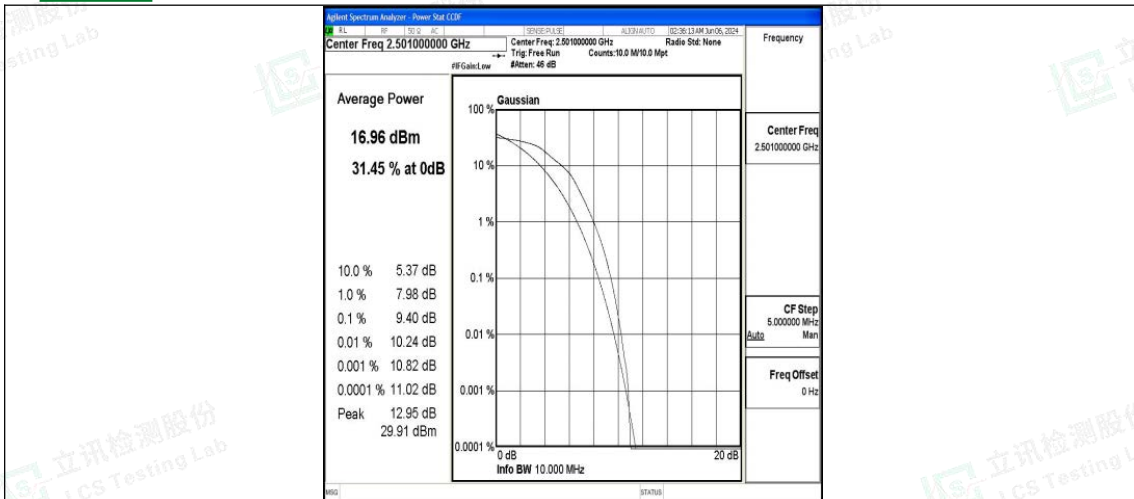


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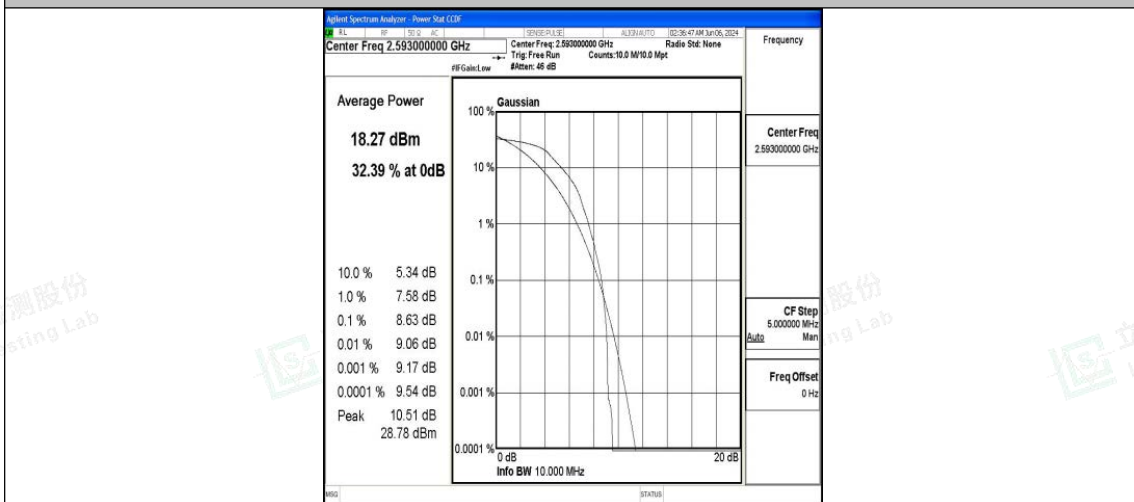


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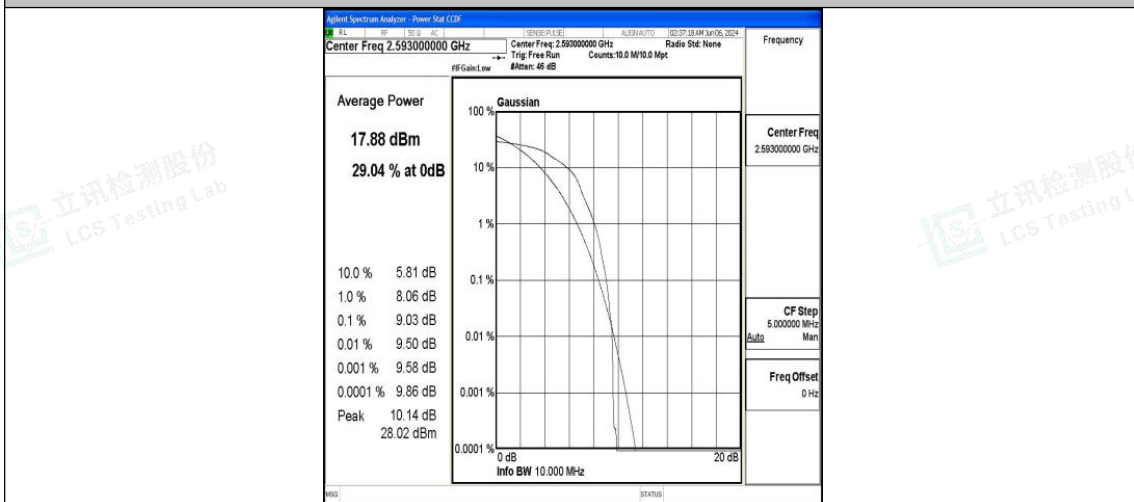




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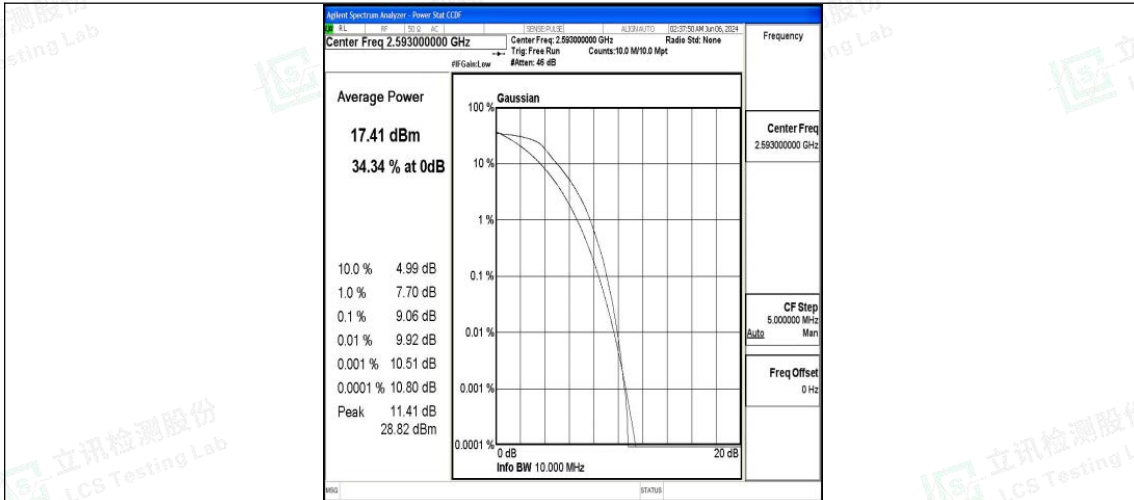


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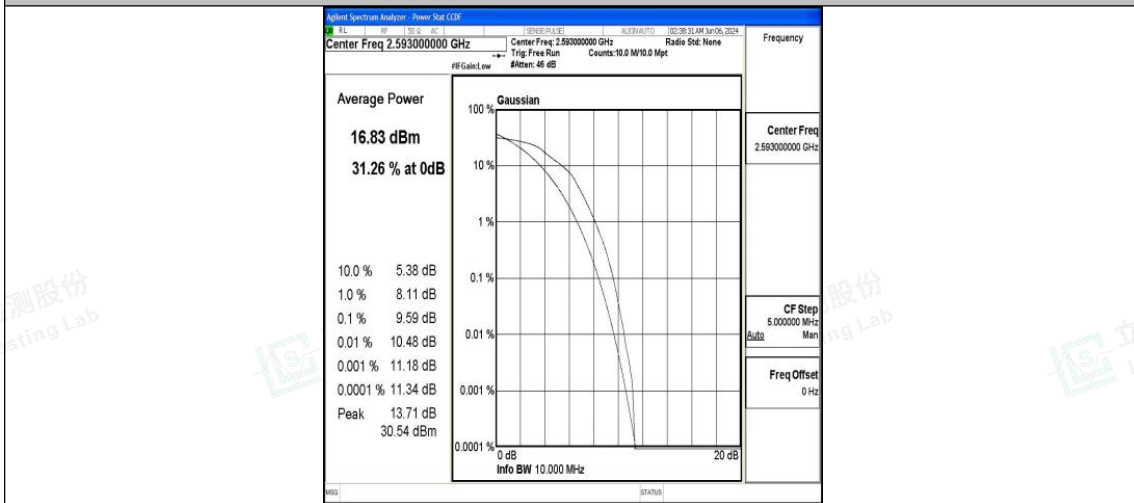


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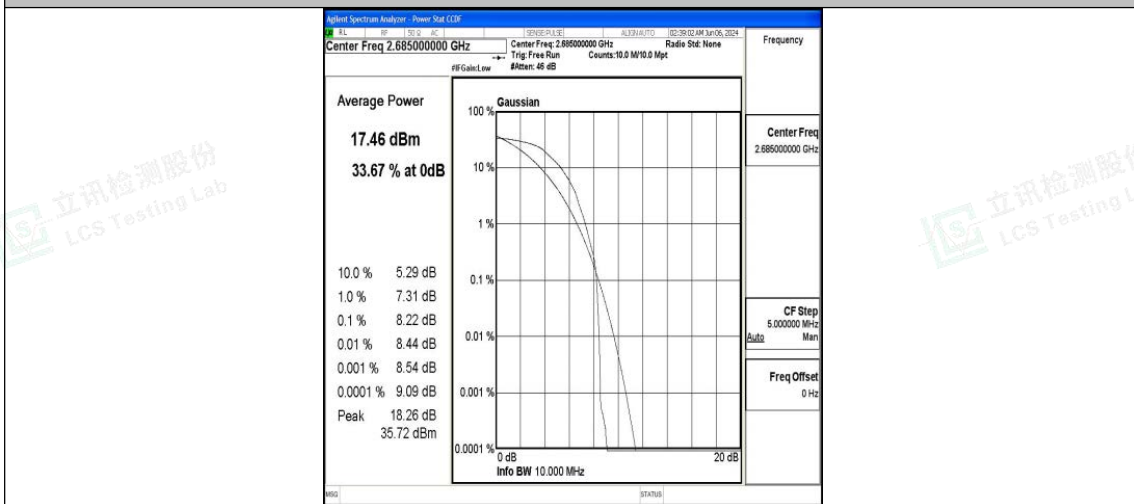




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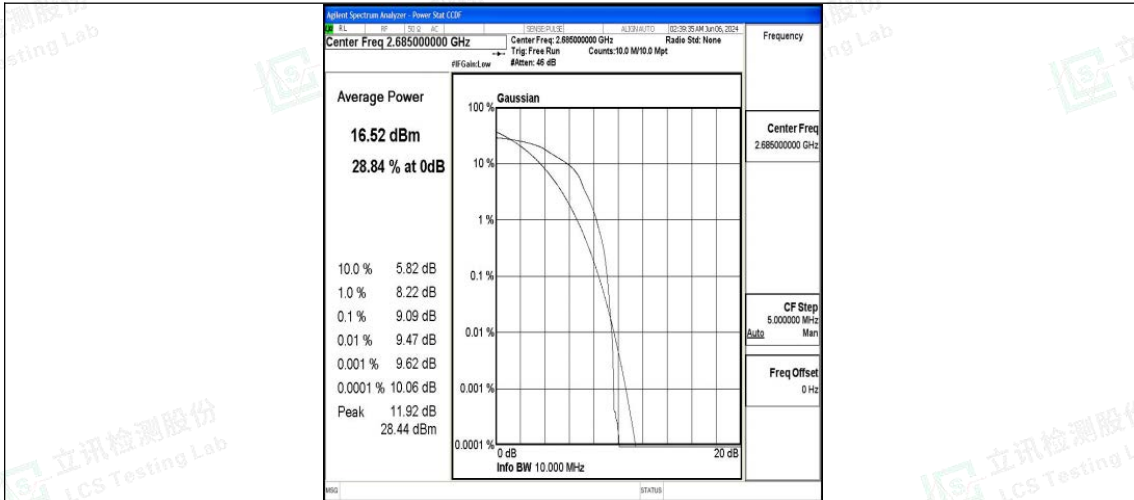


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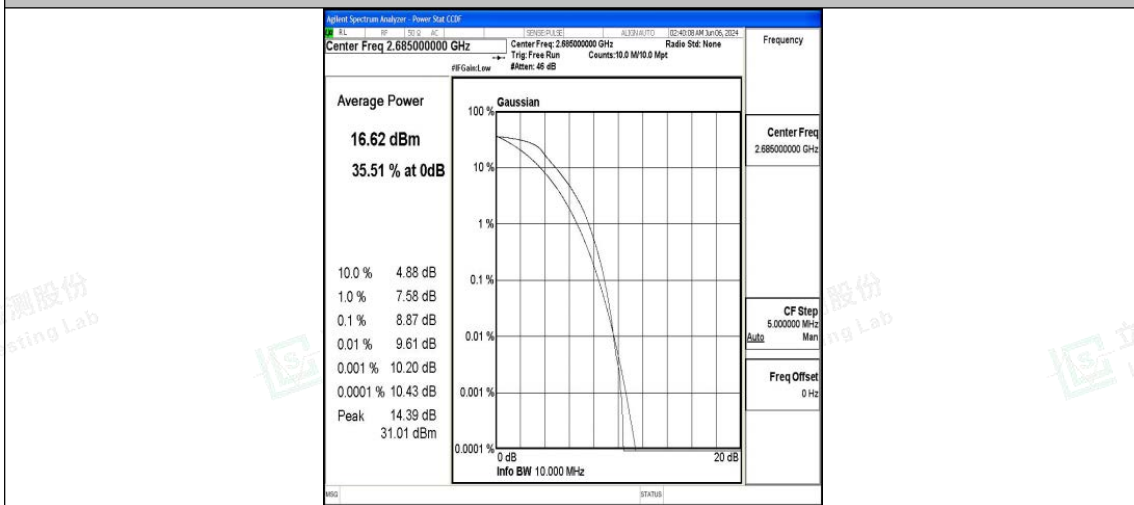


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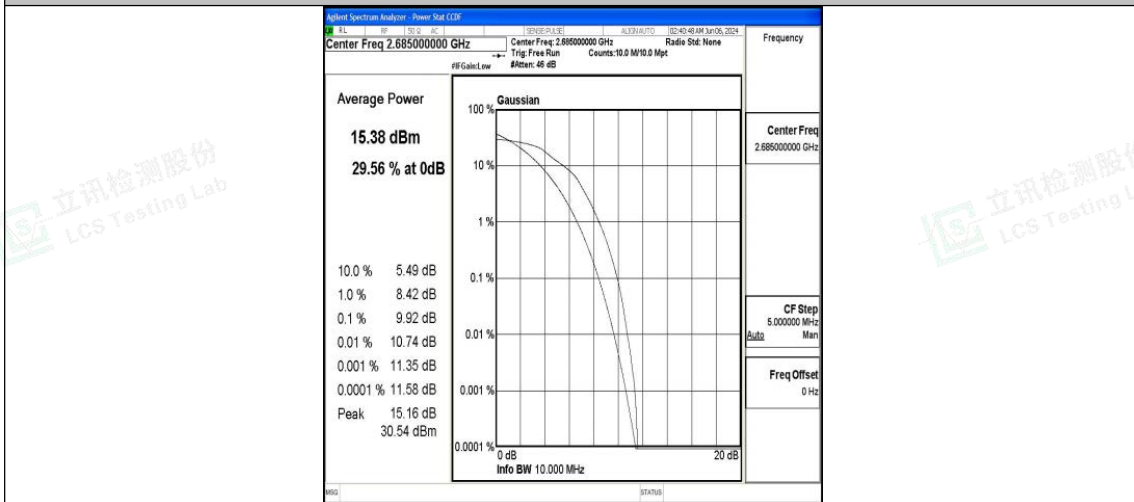




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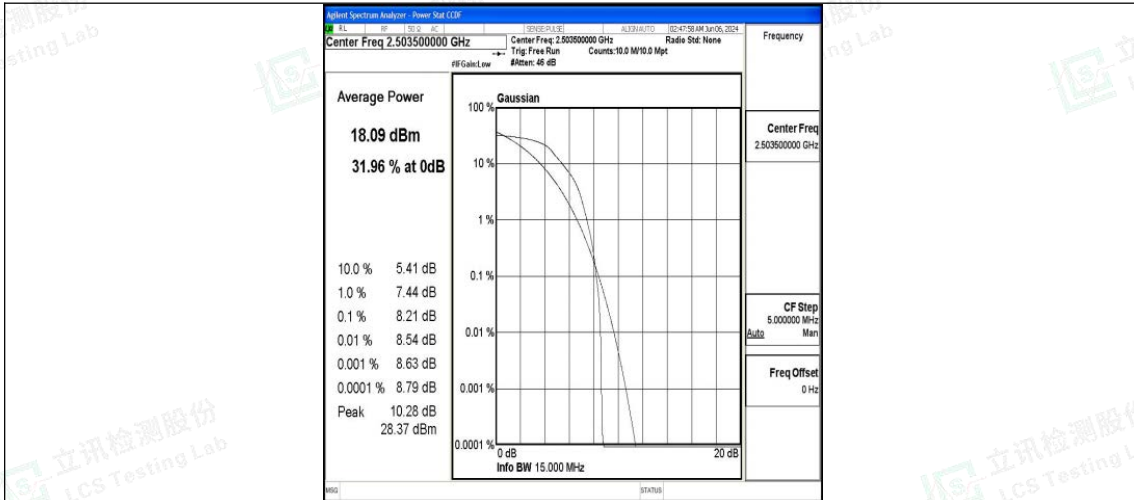
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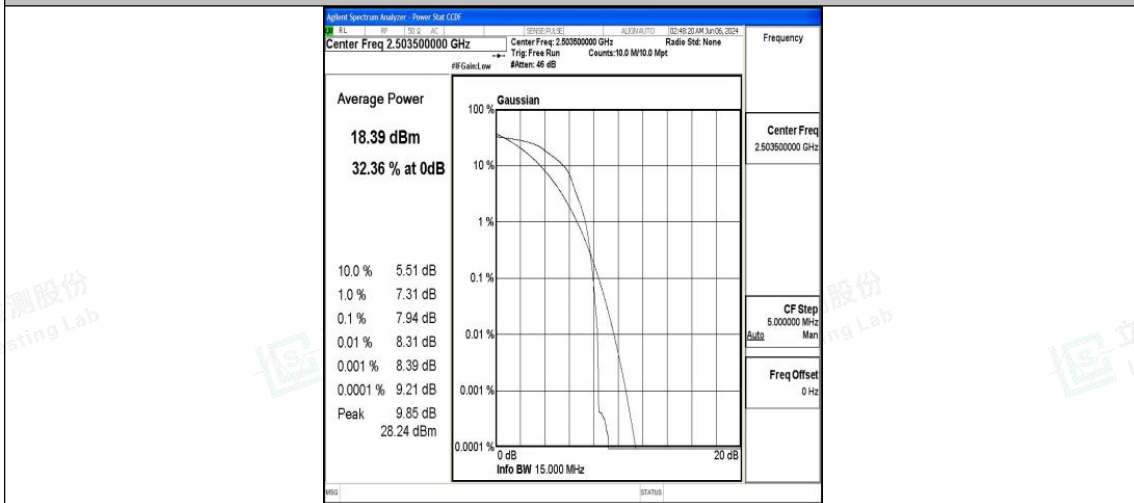
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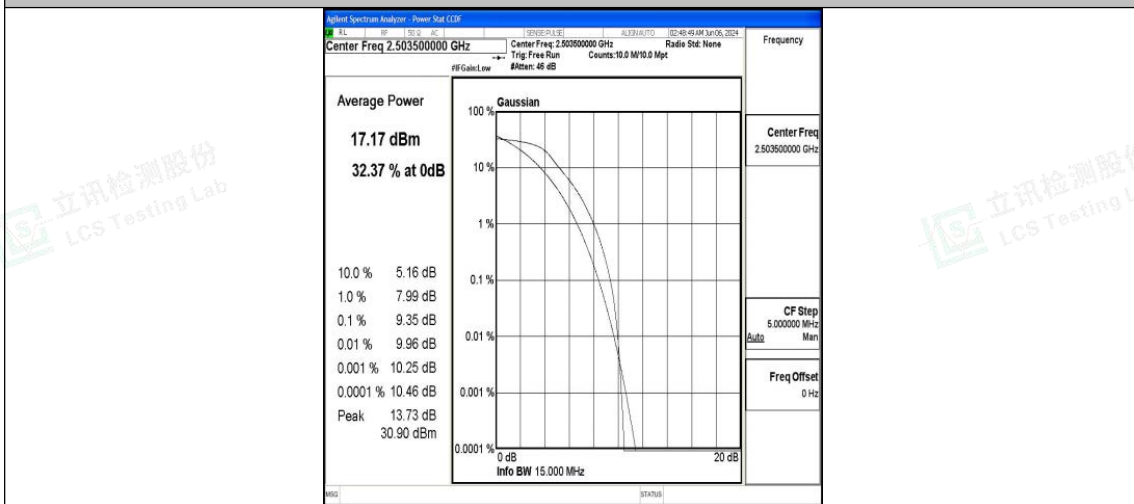




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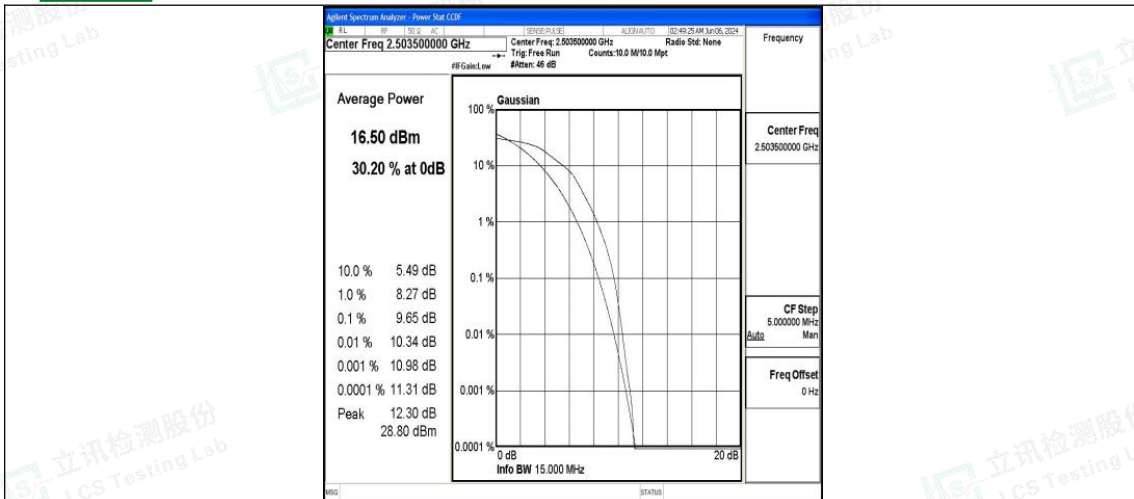


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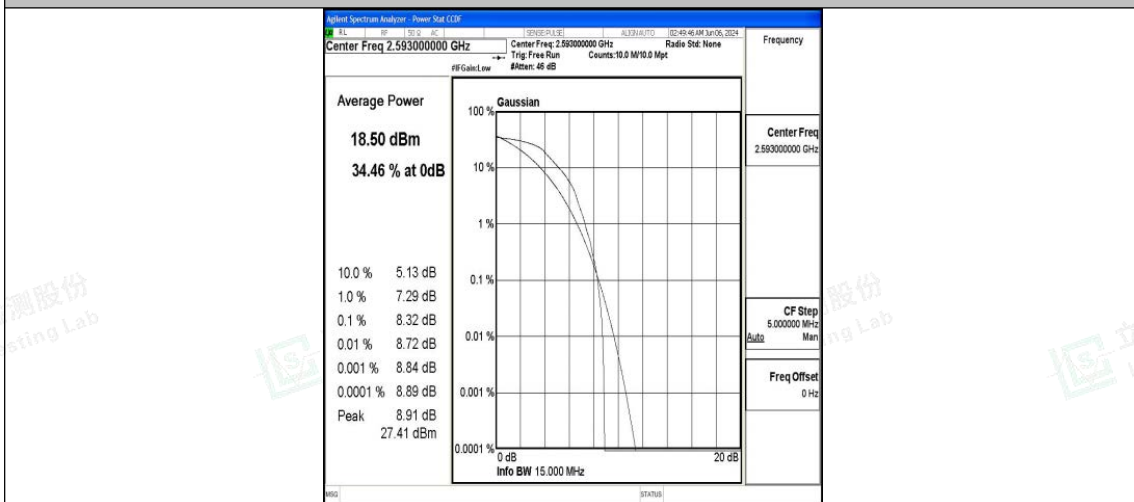


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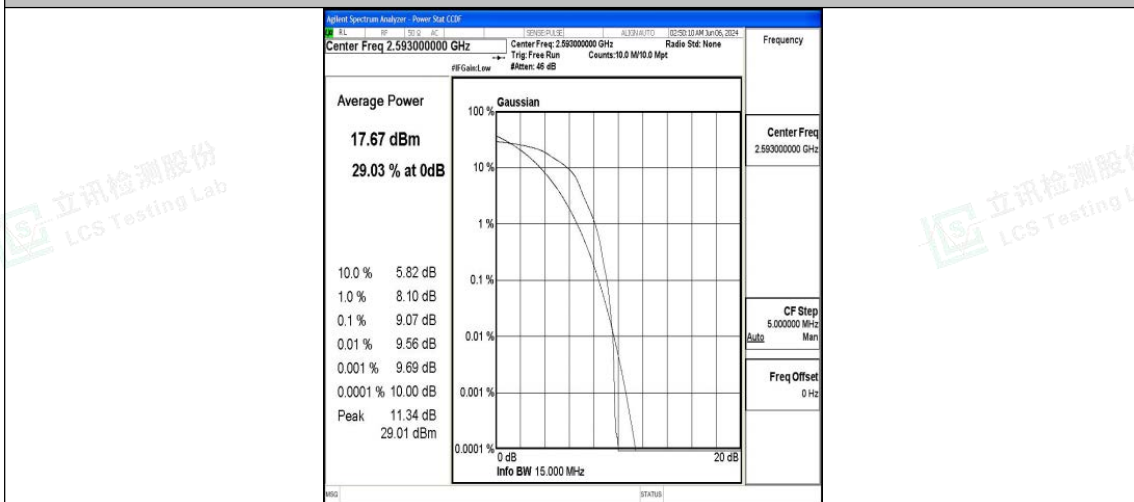




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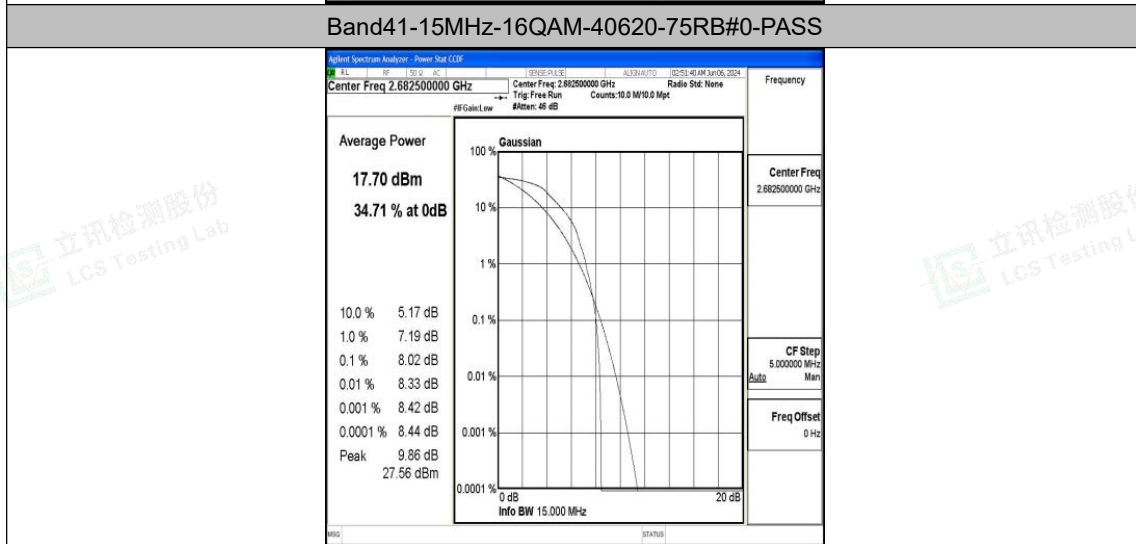
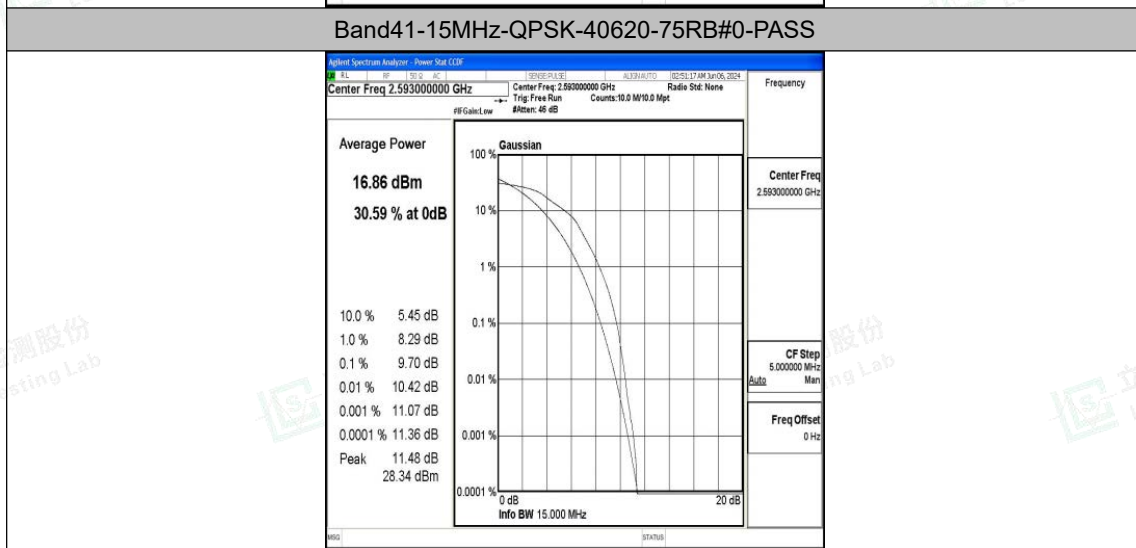
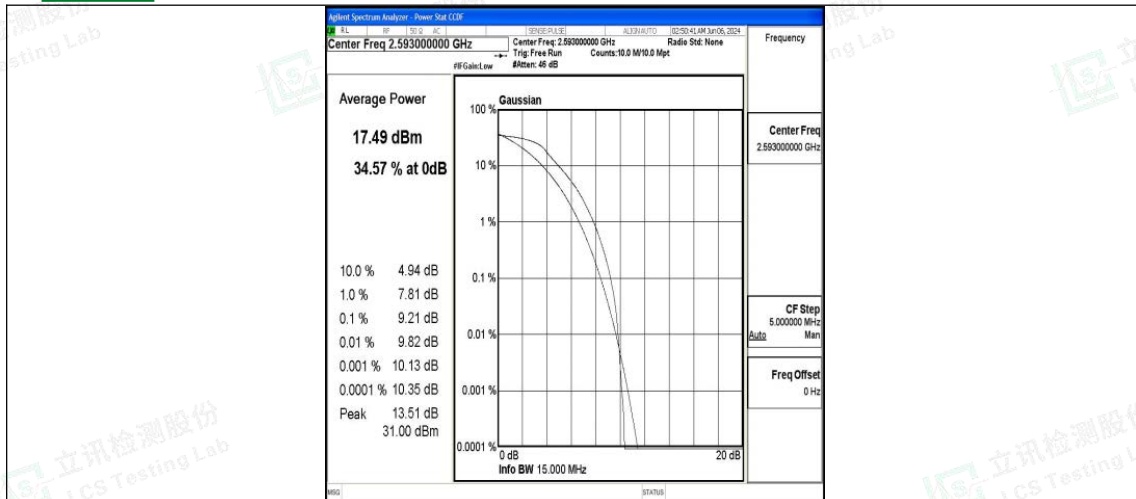


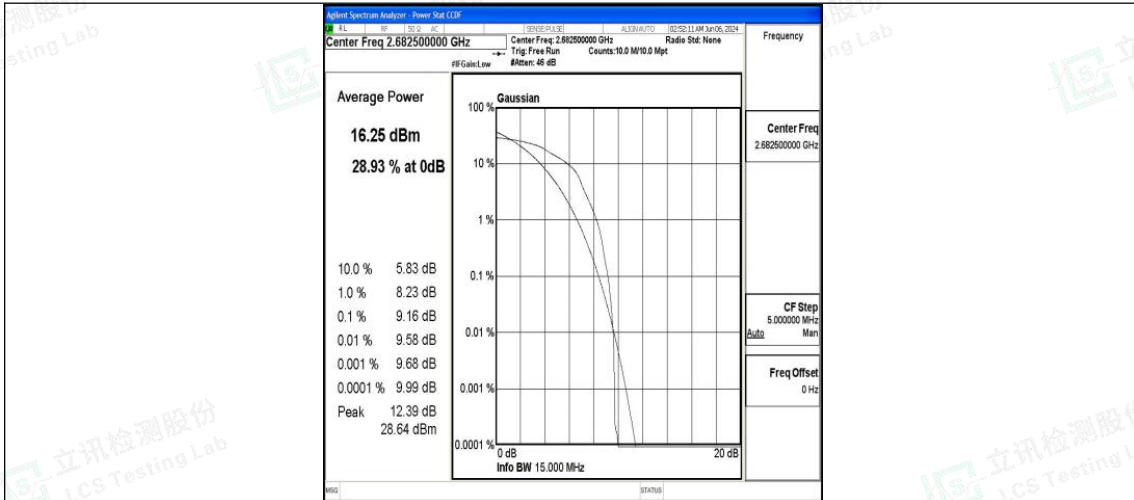
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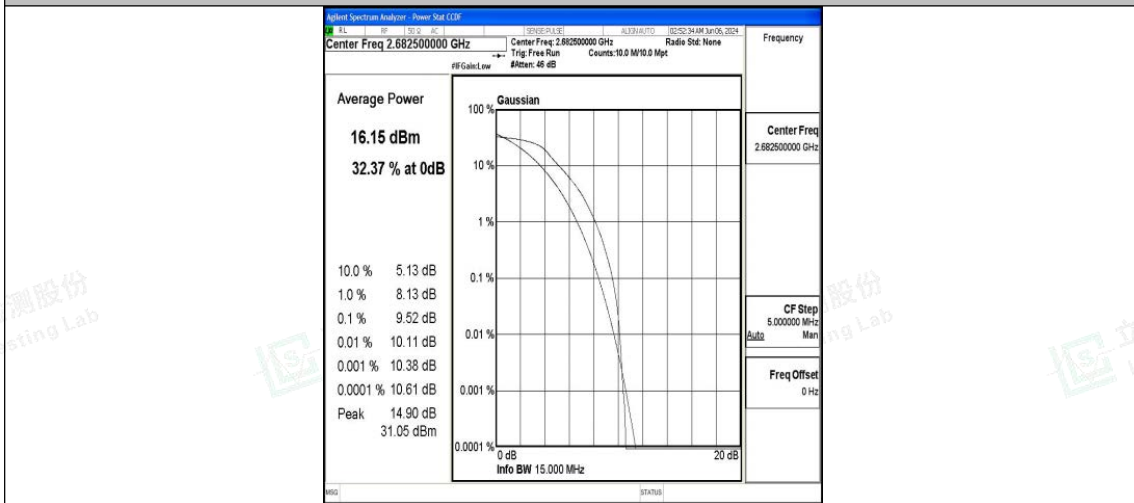
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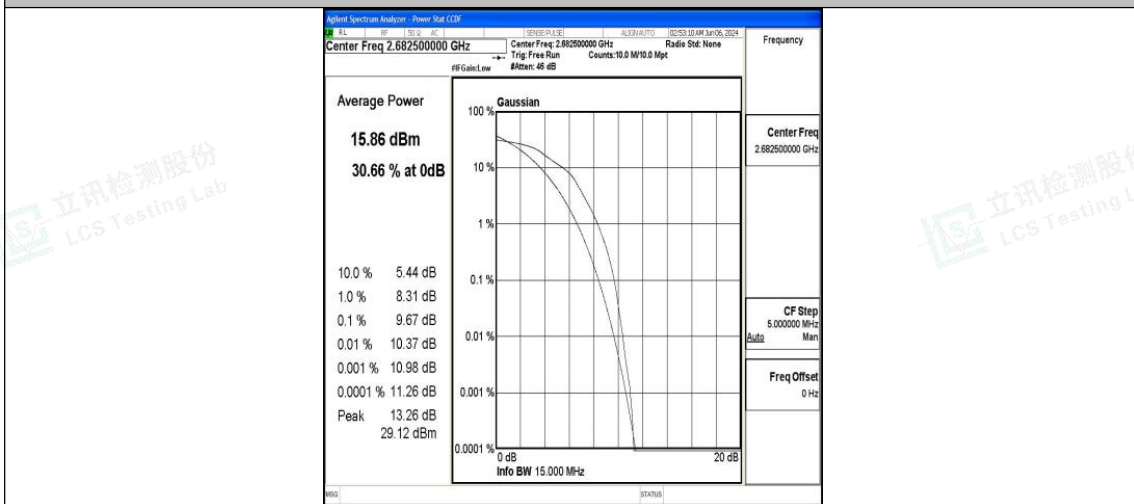




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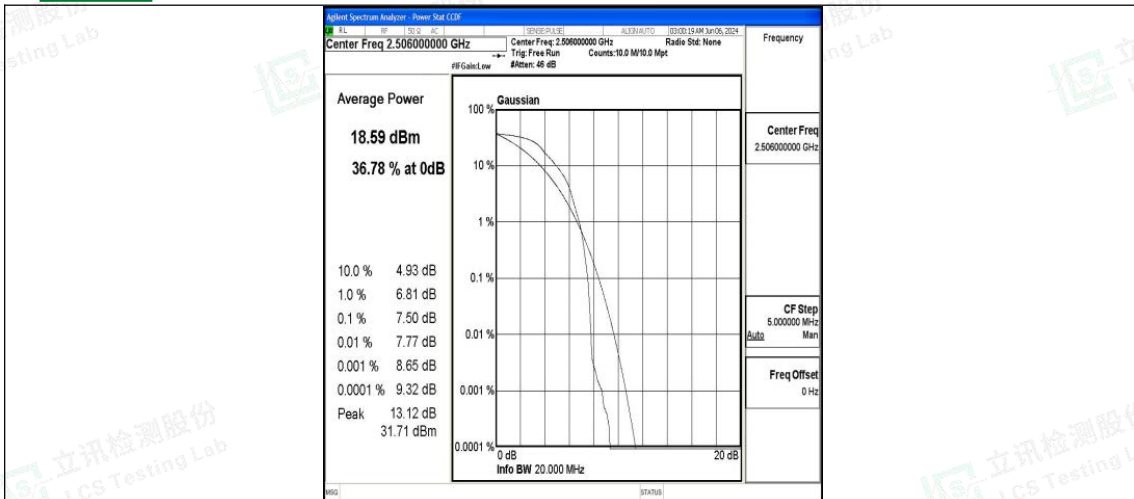


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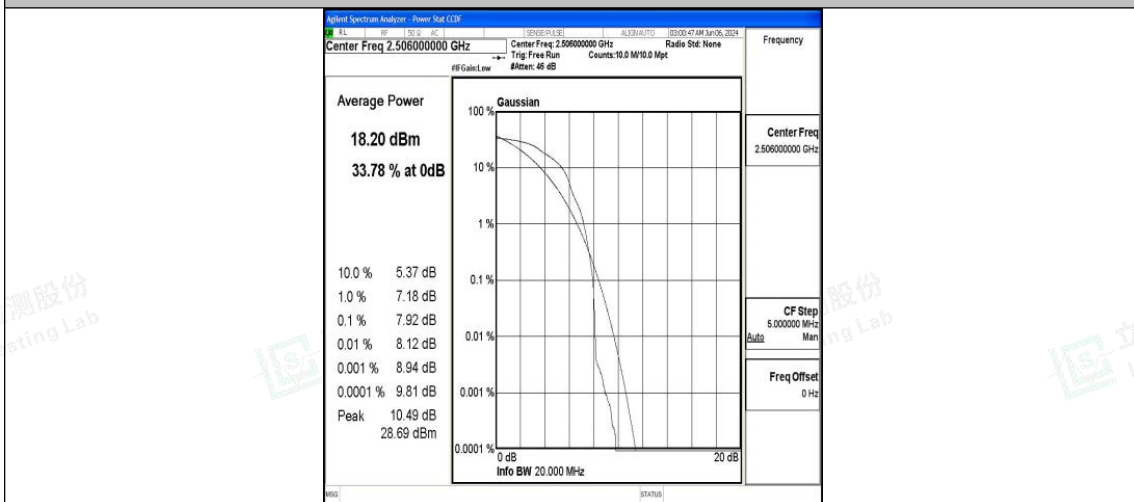


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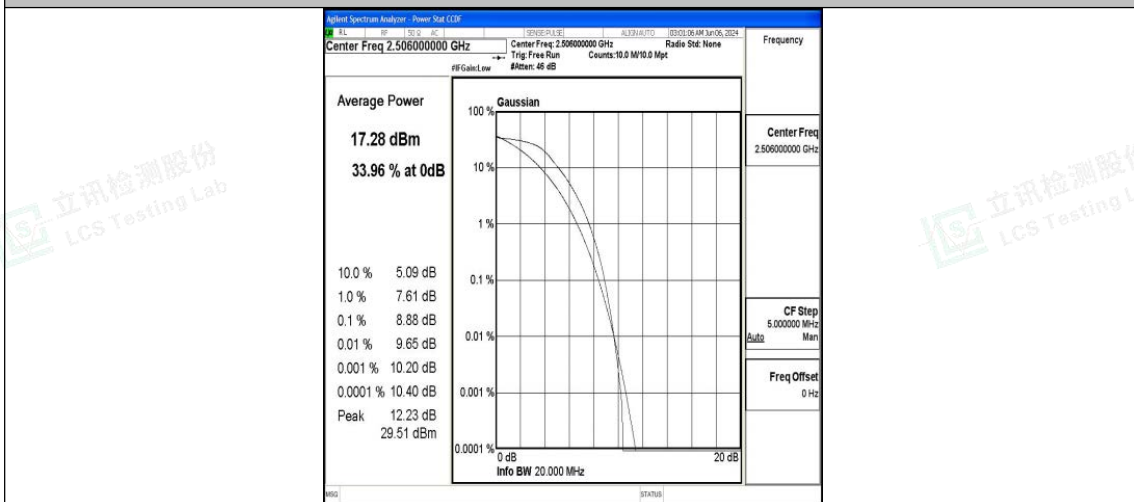




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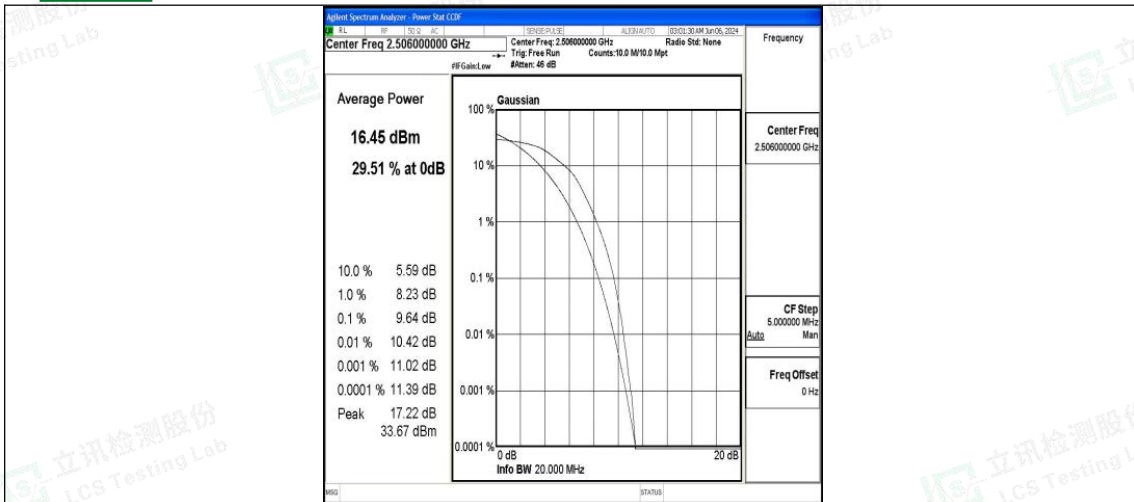


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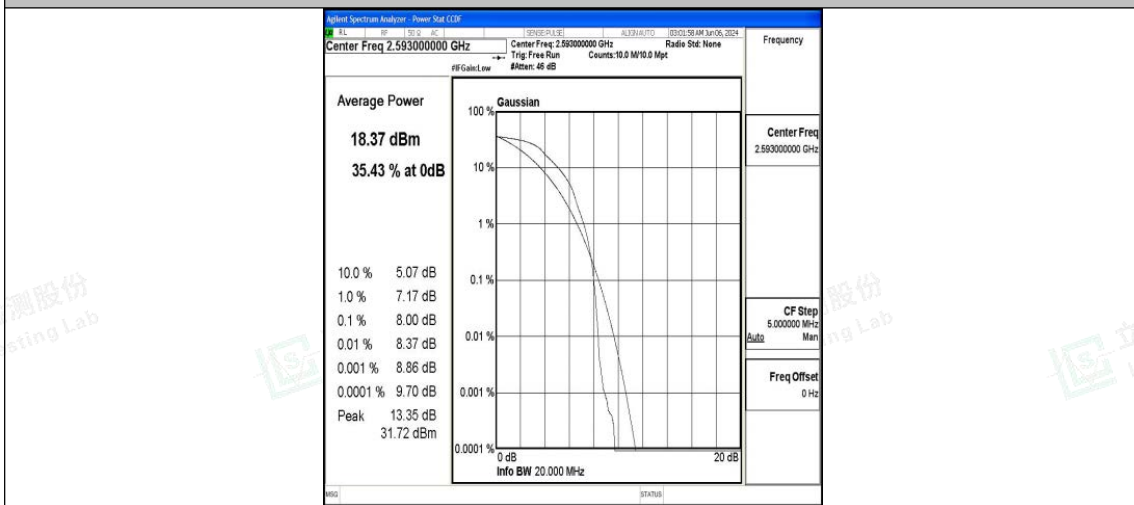


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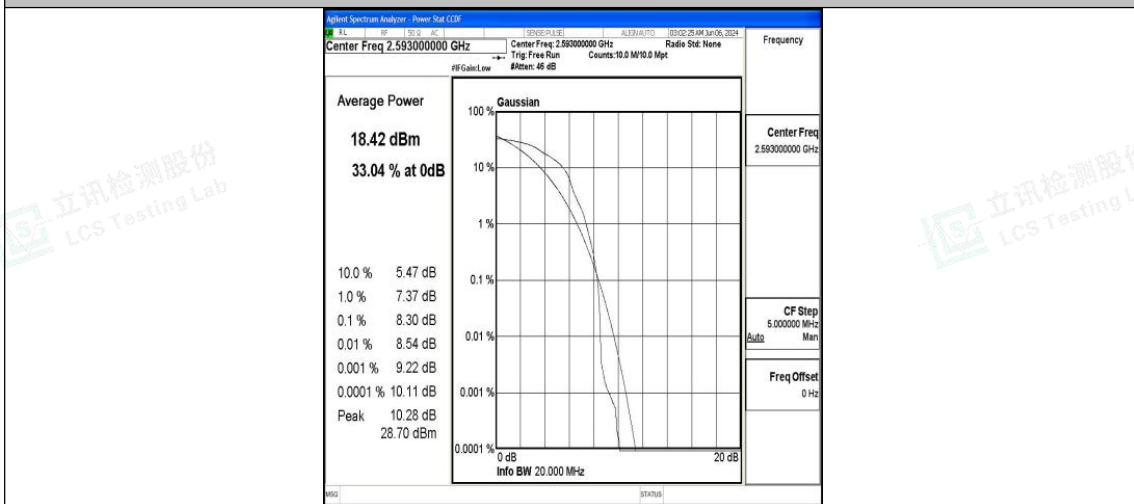




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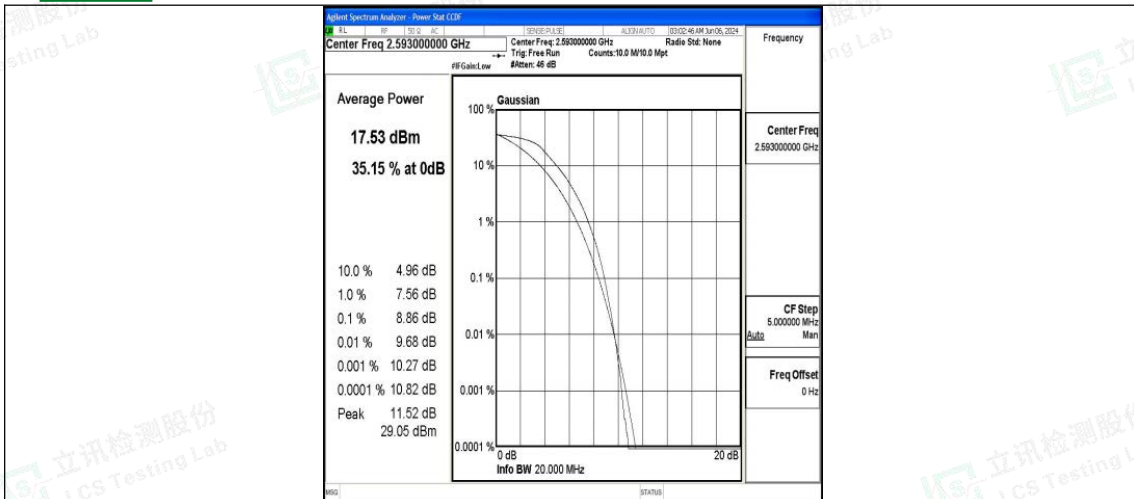


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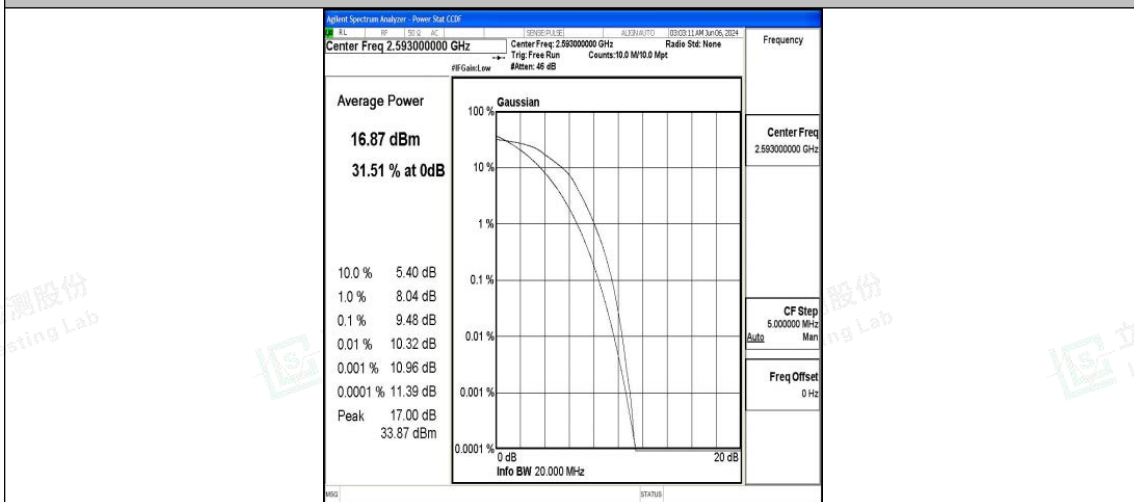


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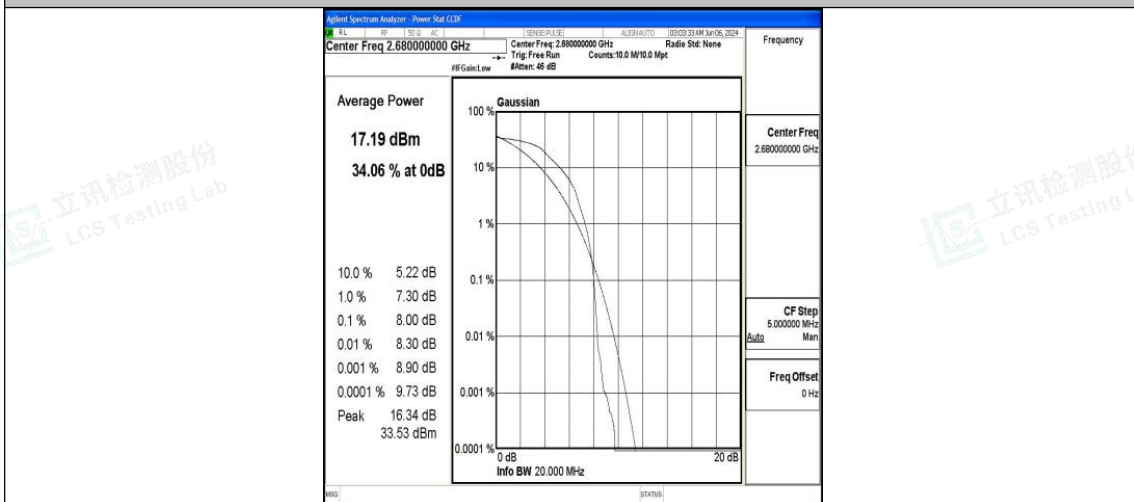




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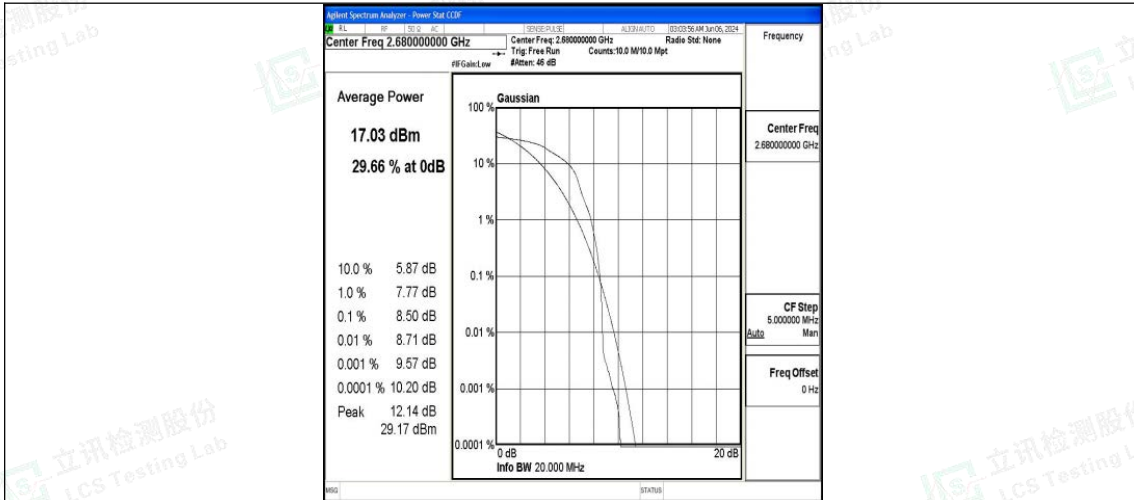


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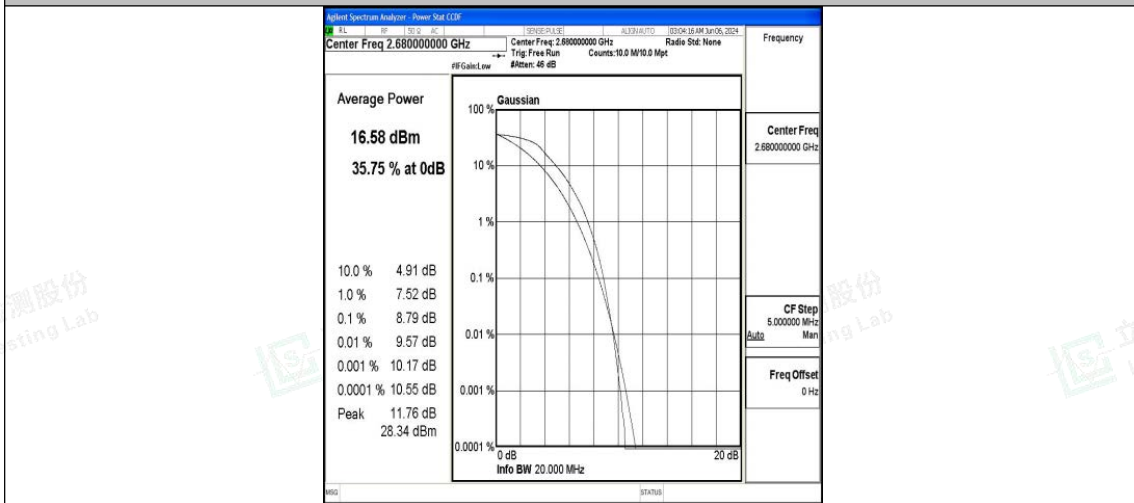


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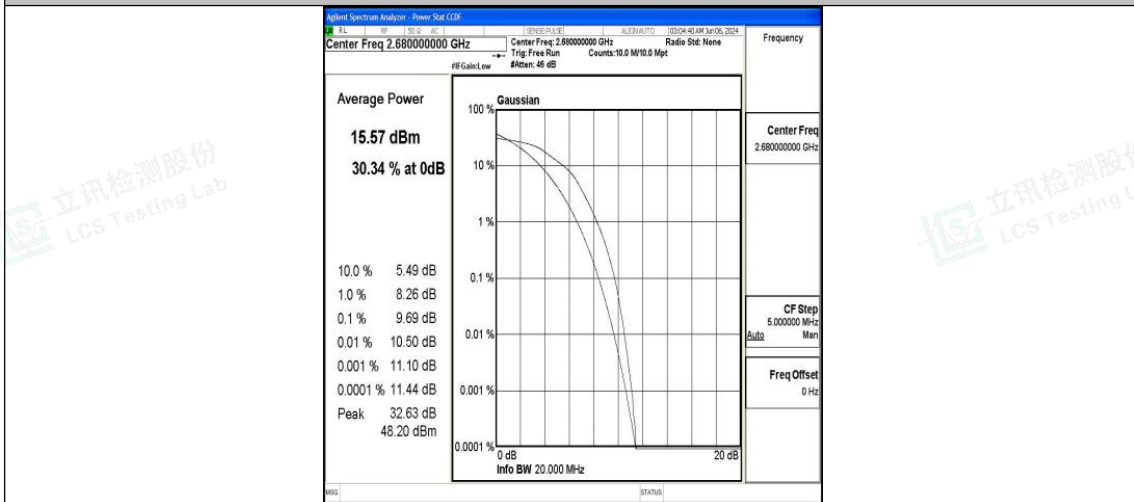




Band41-20MHz-16QAM-41490-1RB#0-PASS



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



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







### K.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           | 4.4925                   | 4.896                | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 4.4877                   | 5.132                | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 4.4945                   | 4.899                | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 4.4982                   | 5.231                | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 4.4946                   | 5.198                | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | 4.4864                   | 4.966                | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | 8.9783                   | 10.09                | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 50RB#0           | 8.9837                   | 9.910                | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 50RB#0           | 8.9846                   | 10.23                | PASS    |
| Band41 | 10MHz     | 16QAM      | 40620   | 50RB#0           | 8.9994                   | 9.780                | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 50RB#0           | 9.0007                   | 10.28                | PASS    |
| Band41 | 10MHz     | 16QAM      | 41540   | 50RB#0           | 8.9903                   | 9.669                | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 75RB#0           | 13.518                   | 16.19                | PASS    |
| Band41 | 15MHz     | 16QAM      | 39725   | 75RB#0           | 13.479                   | 15.31                | PASS    |
| Band41 | 15MHz     | QPSK       | 40620   | 75RB#0           | 13.535                   | 15.84                | PASS    |
| Band41 | 15MHz     | 16QAM      | 40620   | 75RB#0           | 13.486                   | 15.23                | PASS    |
| Band41 | 15MHz     | QPSK       | 41515   | 75RB#0           | 13.527                   | 15.96                | PASS    |
| Band41 | 15MHz     | 16QAM      | 41515   | 75RB#0           | 13.495                   | 15.14                | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0          | 18.015                   | 20.27                | PASS    |
| Band41 | 20MHz     | 16QAM      | 39750   | 100RB#0          | 17.990                   | 20.29                | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0          | 18.058                   | 20.15                | PASS    |
| Band41 | 20MHz     | 16QAM      | 40620   | 100RB#0          | 17.989                   | 20.71                | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0          | 18.025                   | 20.13                | PASS    |
| Band41 | 20MHz     | 16QAM      | 41490   | 100RB#0          | 17.861                   | 20.26                | PASS    |



Shenzhen LCS Compliance Testing Laboratory Ltd.

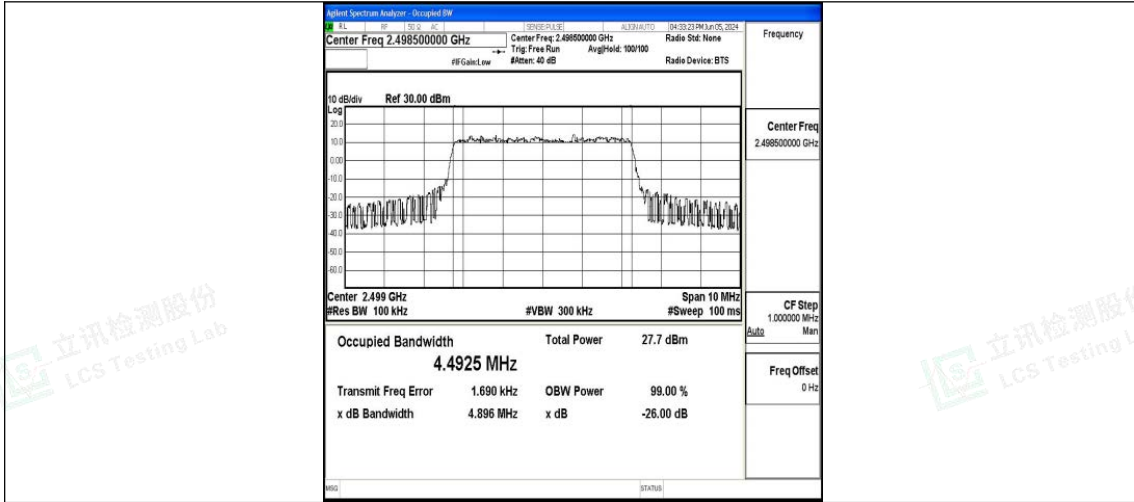
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

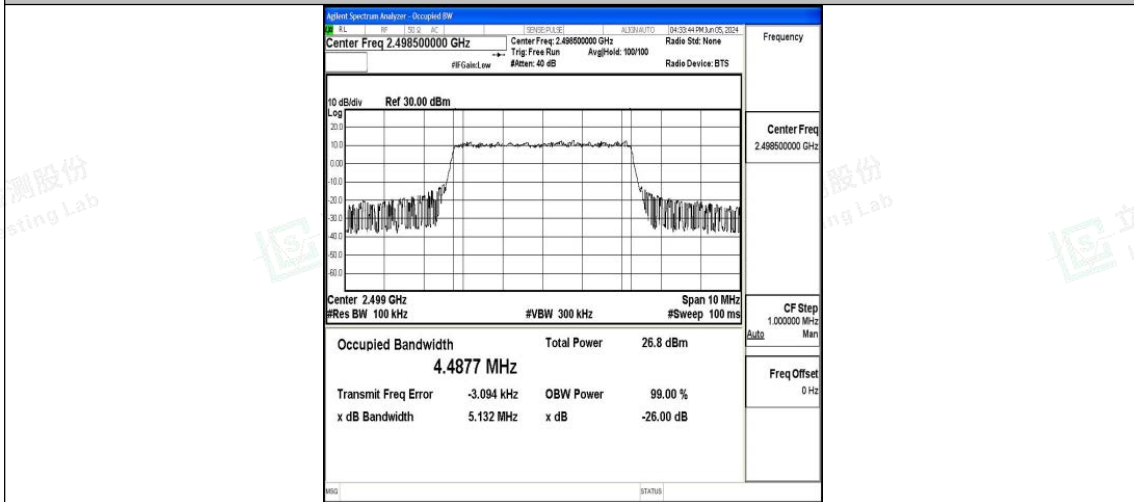
Scan code to check authenticity



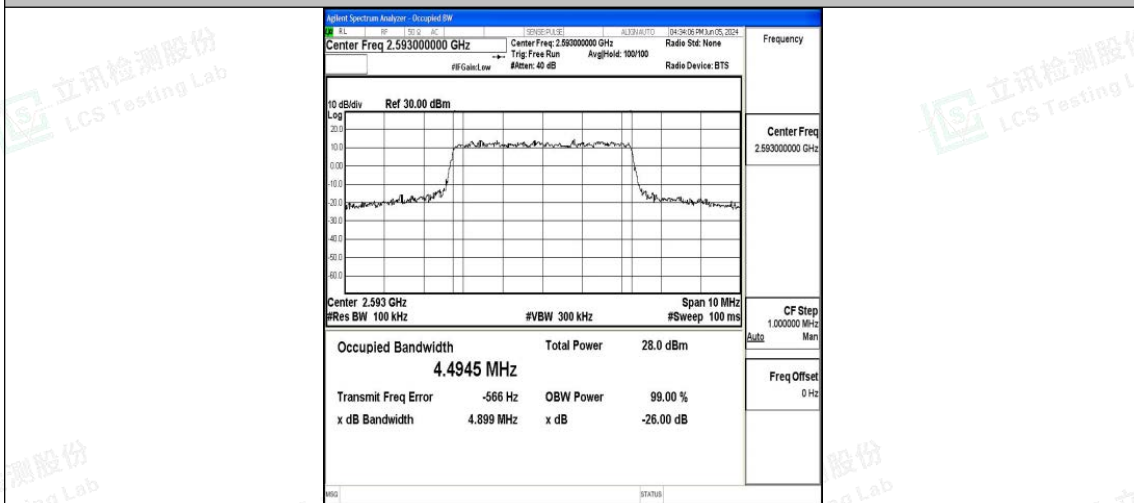
### Test Graphs



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

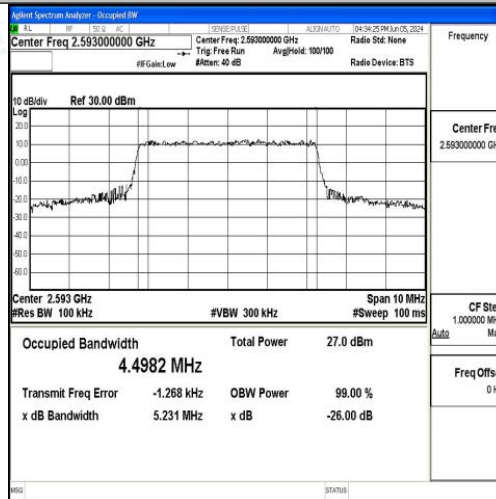


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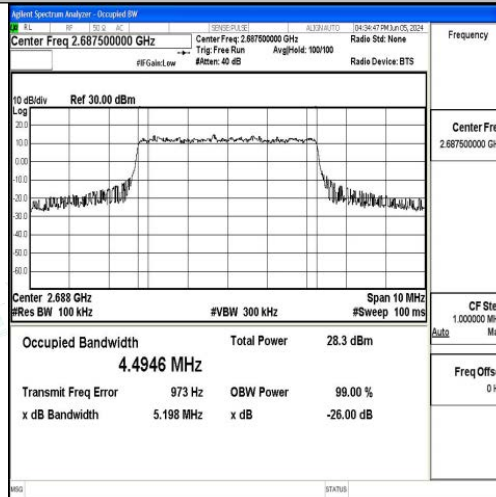




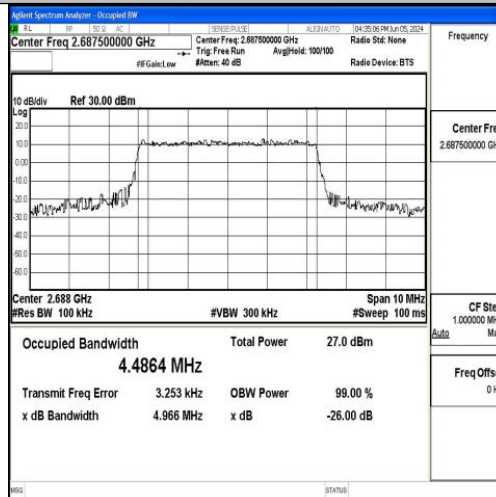
Band41-5MHz-QPSK-40620-25RB#0-PASS



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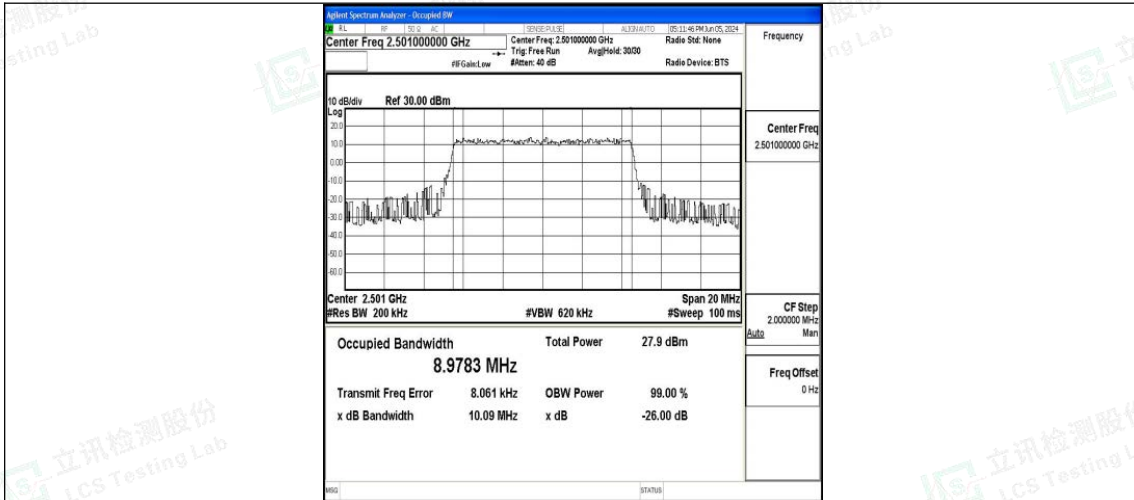


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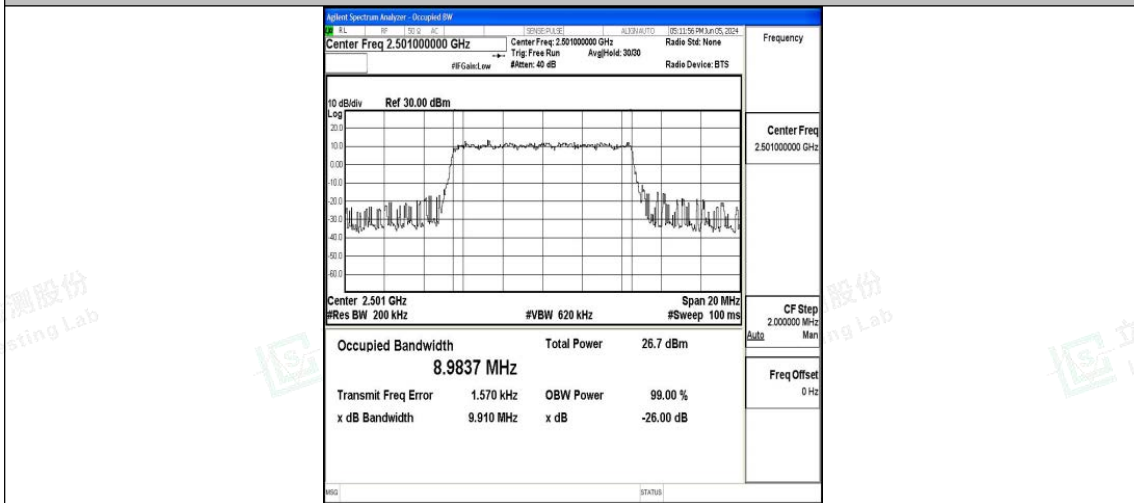


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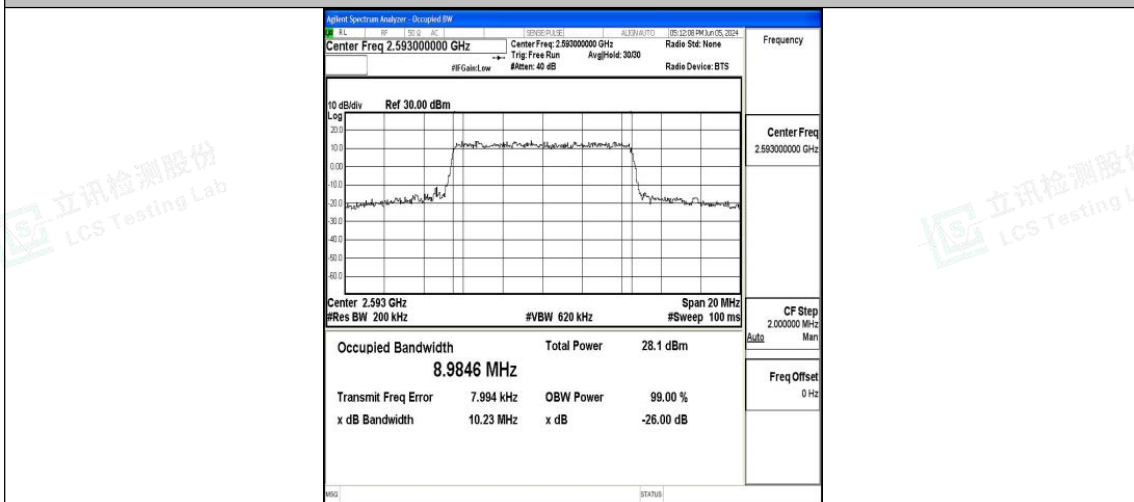




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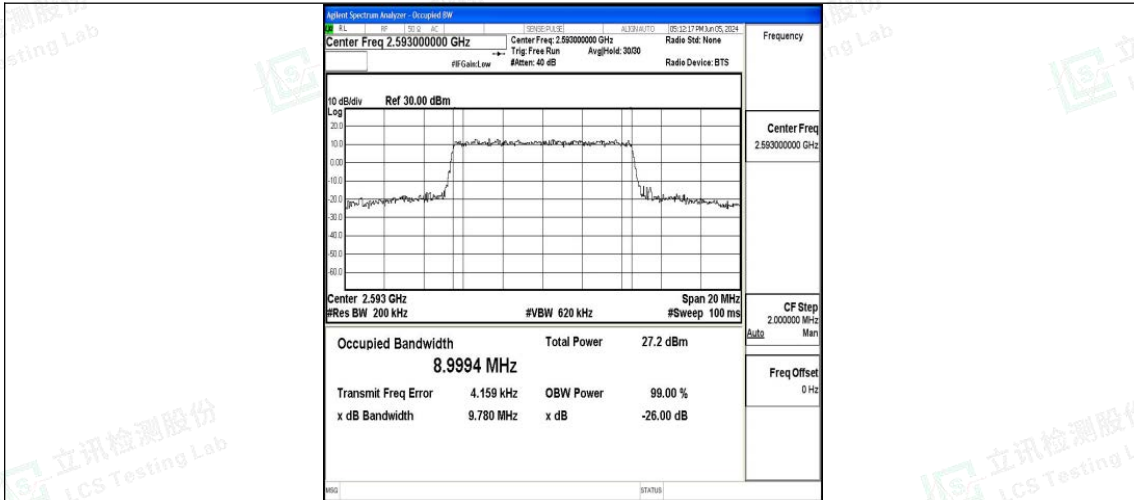


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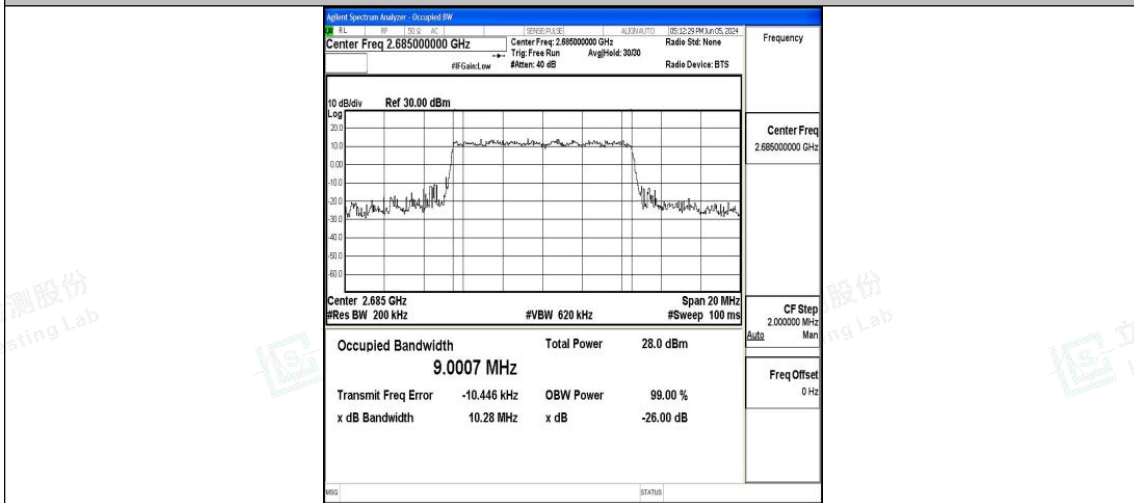


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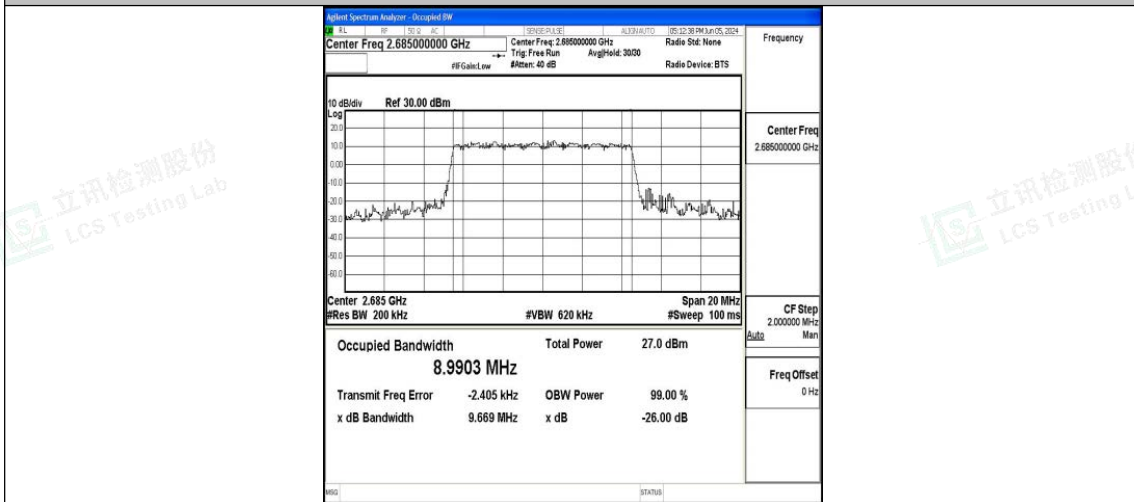




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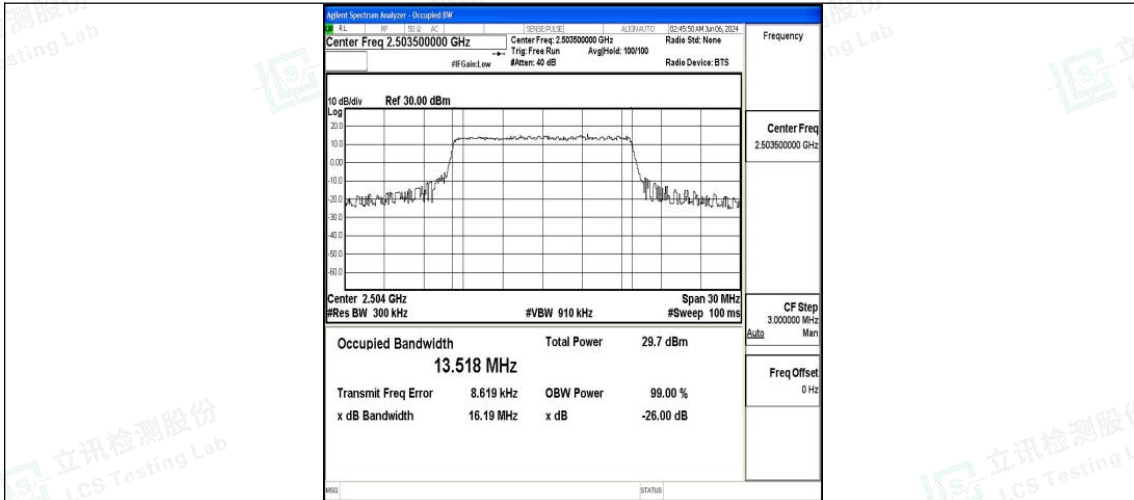


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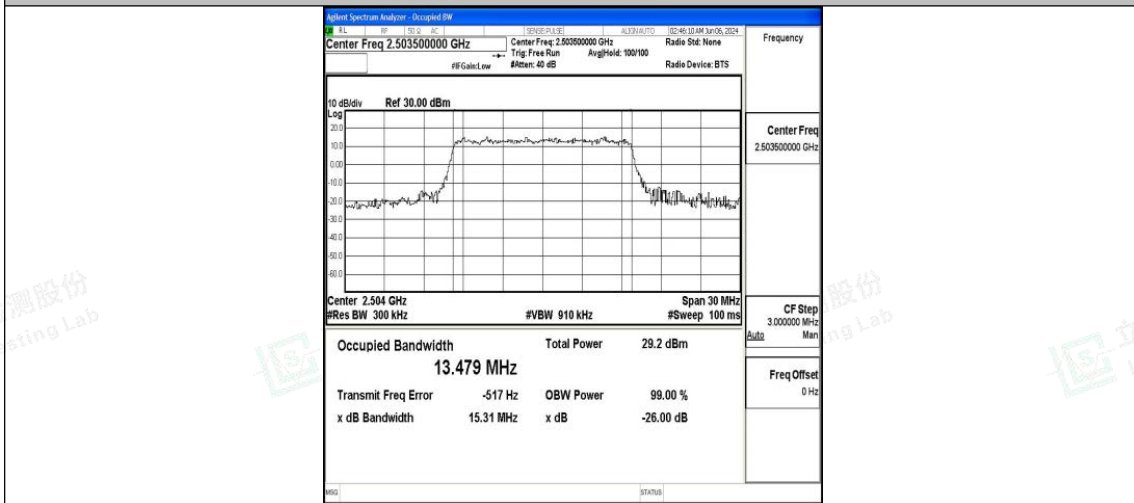


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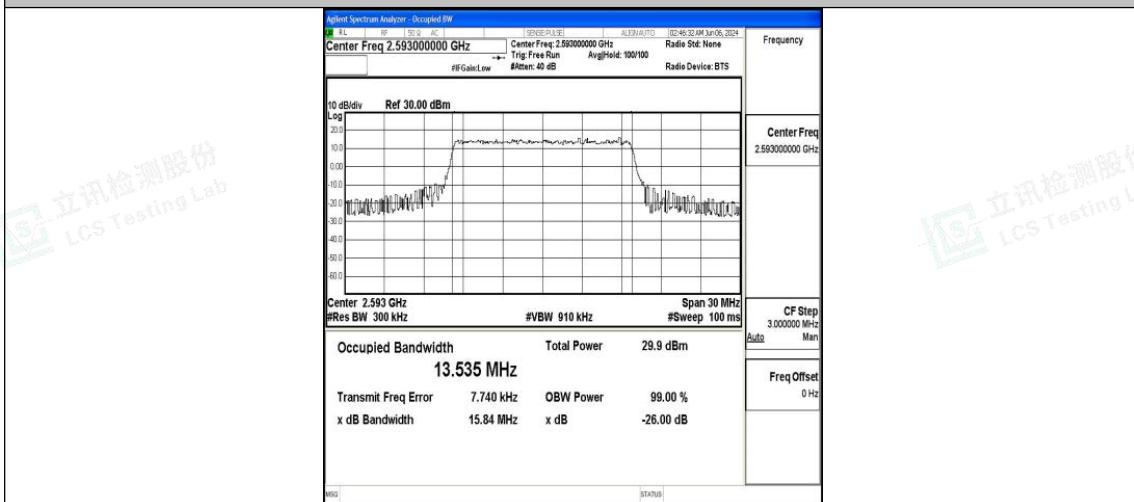




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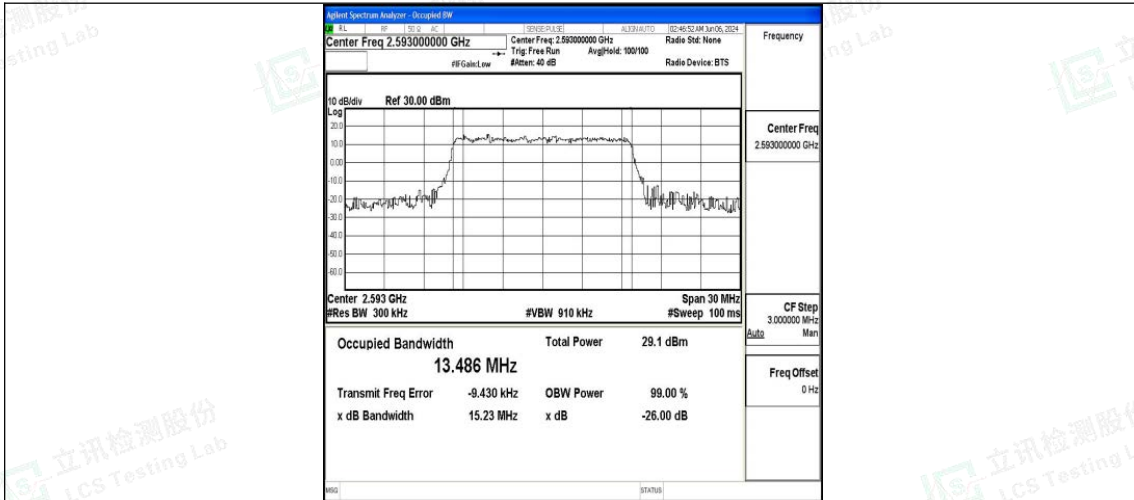


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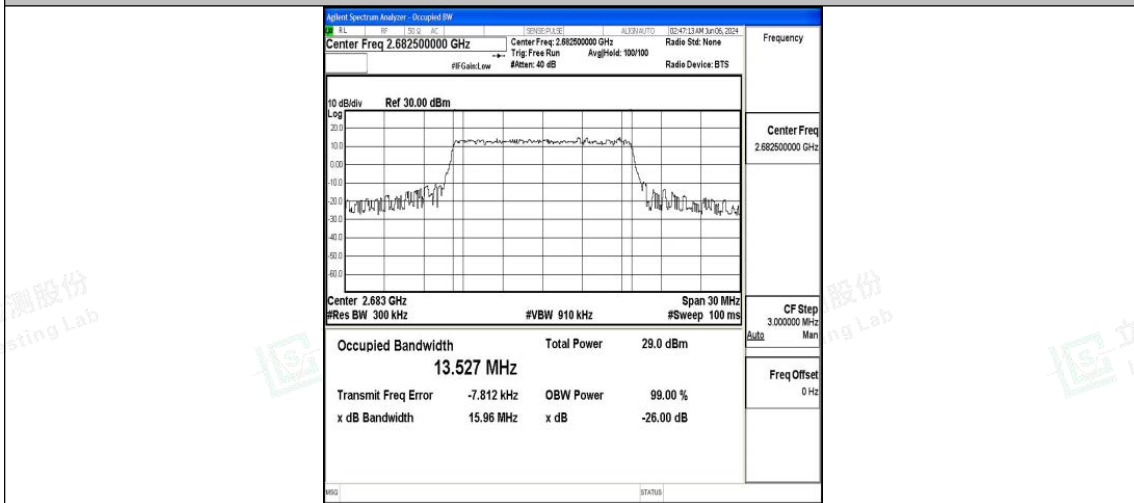


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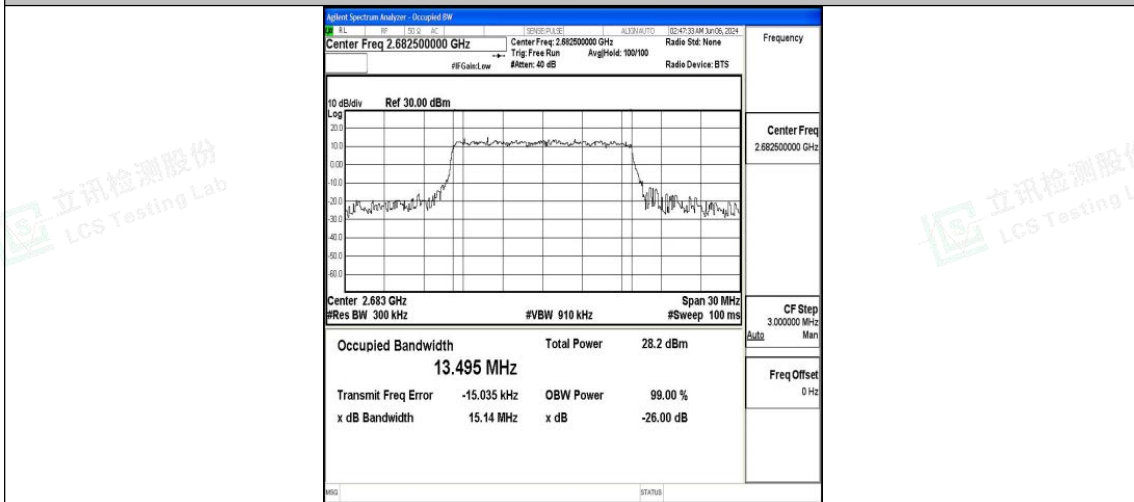




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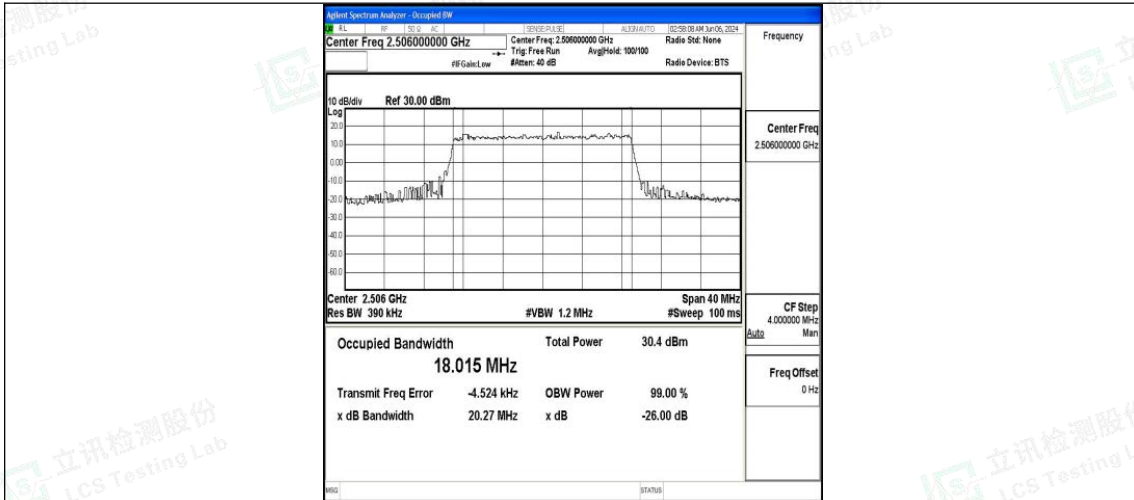


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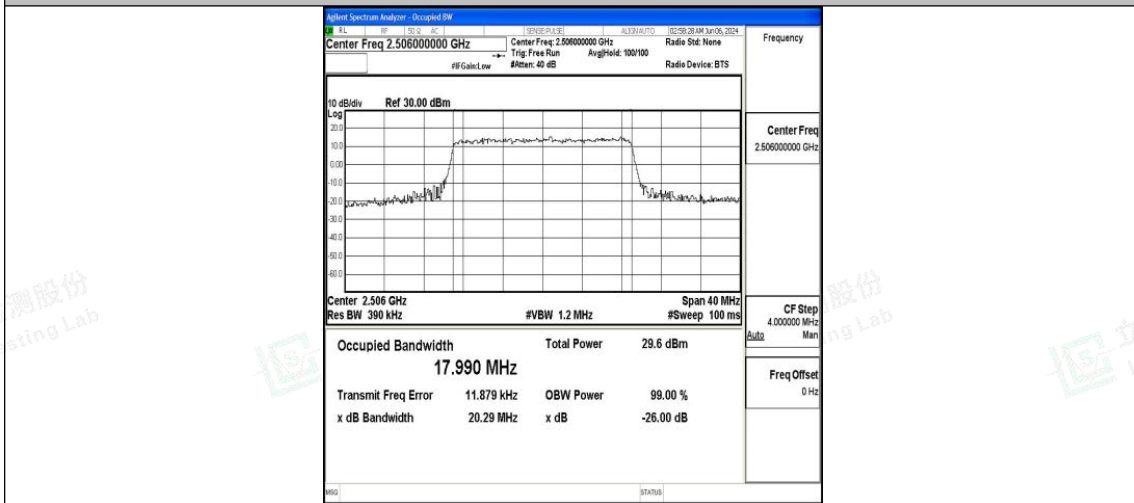


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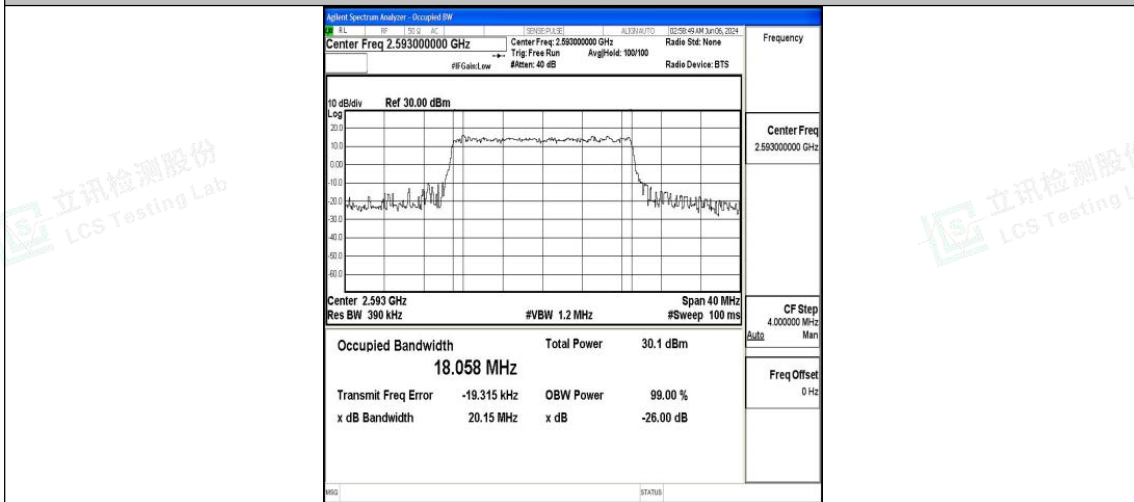




Band41-20MHz-QPSK-39750-100RB#0-PASS



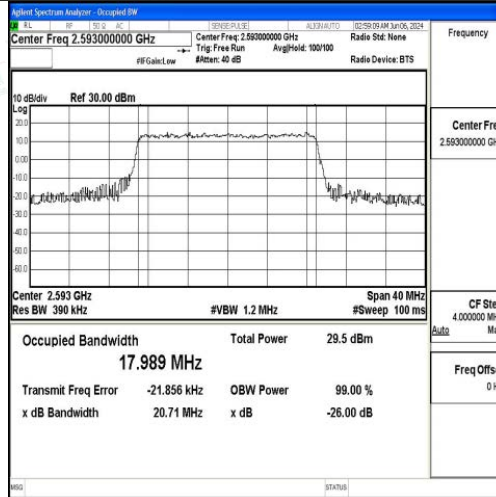
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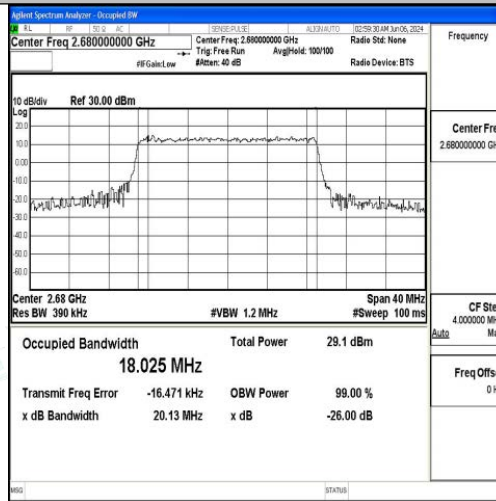
Band41-20MHz-QPSK-40620-100RB#0-PASS



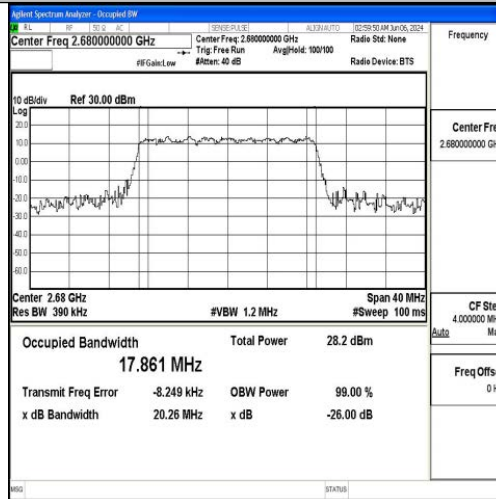




Band41-20MHz-16QAM-40620-100RB#0-PASS



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



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



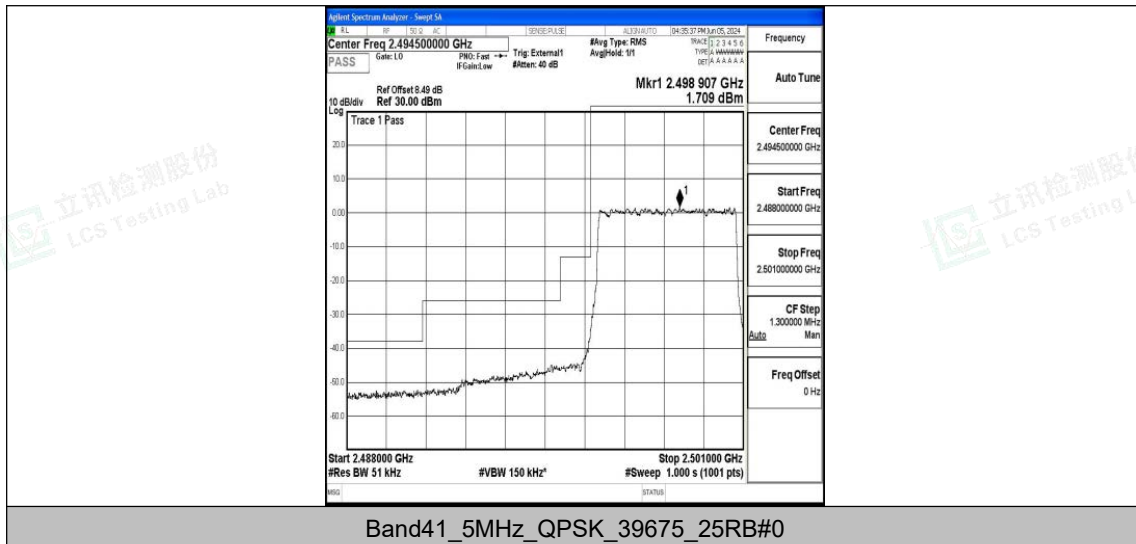


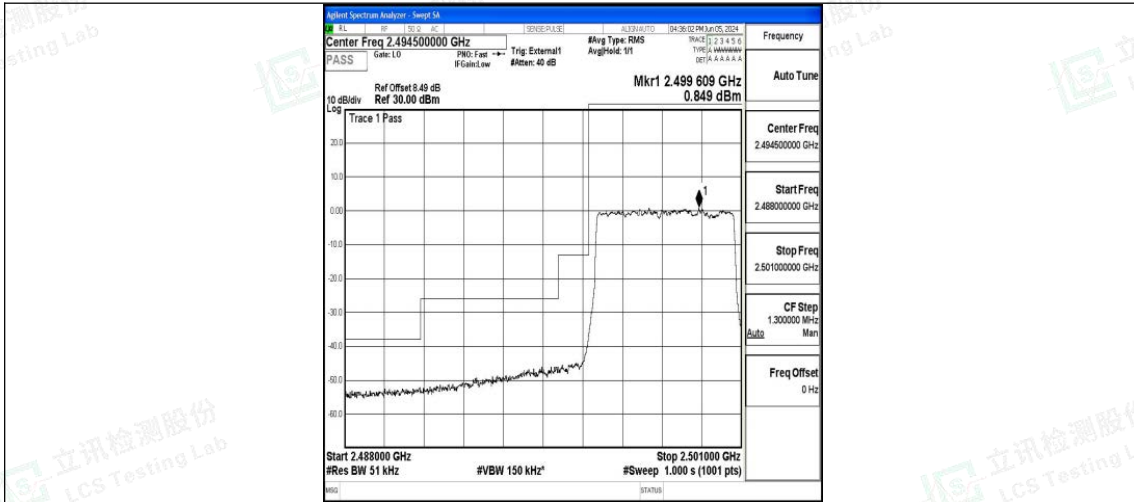
### K.4 Band Edge

### Test Result

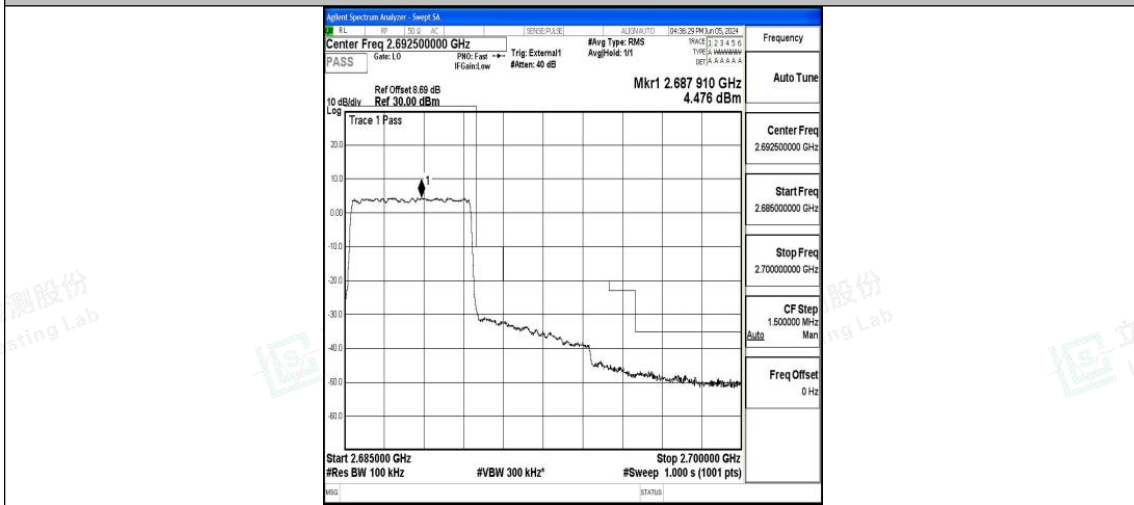
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Peak Frequency | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|----------------|-------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 2490.33        | -52.26      | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 2490.47        | -52.22      | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 2696.49        | -46.78      | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | 2696.13        | -47.83      | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | 2490.34        | -45.99      | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 50RB#0           | 2490.43        | -46.90      | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 50RB#0           | 2700.33        | -43.59      | PASS    |
| Band41 | 10MHz     | 16QAM      | 41540   | 50RB#0           | 2700.03        | -44.24      | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 75RB#0           | 2489.86        | -41.55      | PASS    |
| Band41 | 15MHz     | 16QAM      | 39725   | 75RB#0           | 2490.48        | -43.42      | PASS    |
| Band41 | 15MHz     | QPSK       | 41515   | 75RB#0           | 2705.38        | -41.83      | PASS    |
| Band41 | 15MHz     | 16QAM      | 41515   | 75RB#0           | 2705.35        | -42.40      | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0          | 2490.38        | -40.46      | PASS    |
| Band41 | 20MHz     | 16QAM      | 39750   | 100RB#0          | 2490.38        | -42.29      | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0          | 2710.01        | -42.48      | PASS    |
| Band41 | 20MHz     | 16QAM      | 41490   | 100RB#0          | 2711.94        | -42.60      | PASS    |

### Test Graphs

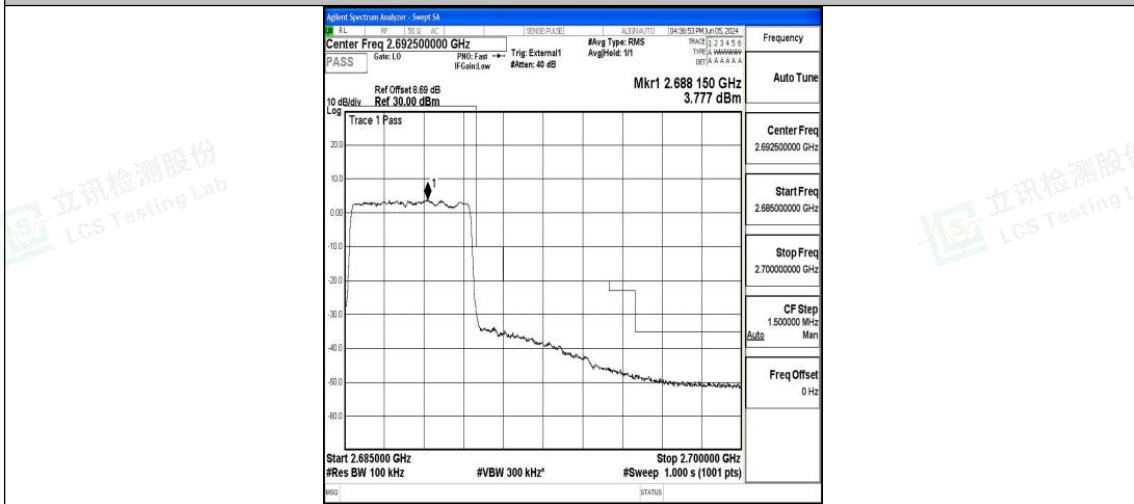




Band41\_5MHz\_16QAM\_39675\_25RB#0

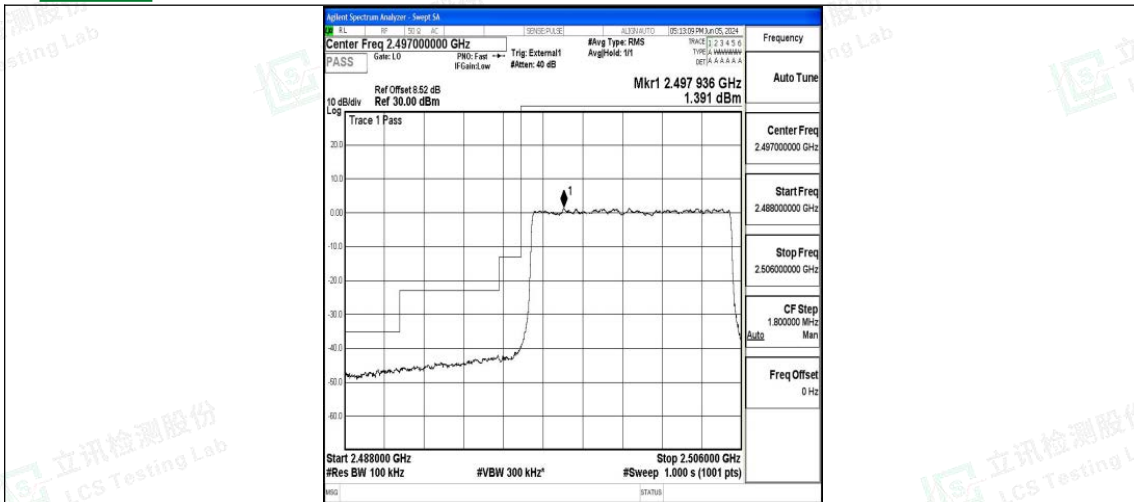


Band41\_5MHz\_QPSK\_41565\_25RB#0

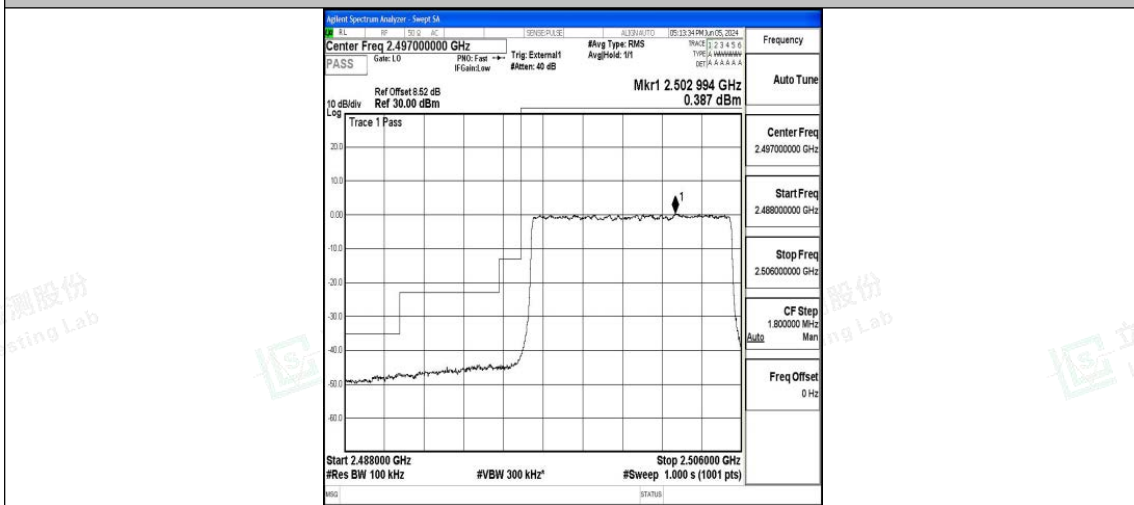


Band41\_5MHz\_16QAM\_41565\_25RB#0

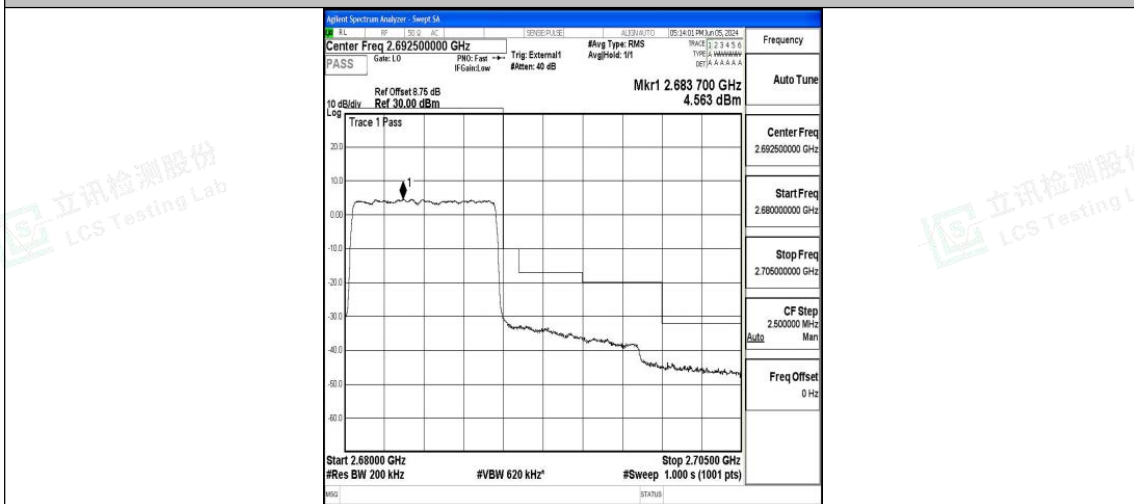




Band41\_10MHz\_QPSK\_39700\_50RB#0

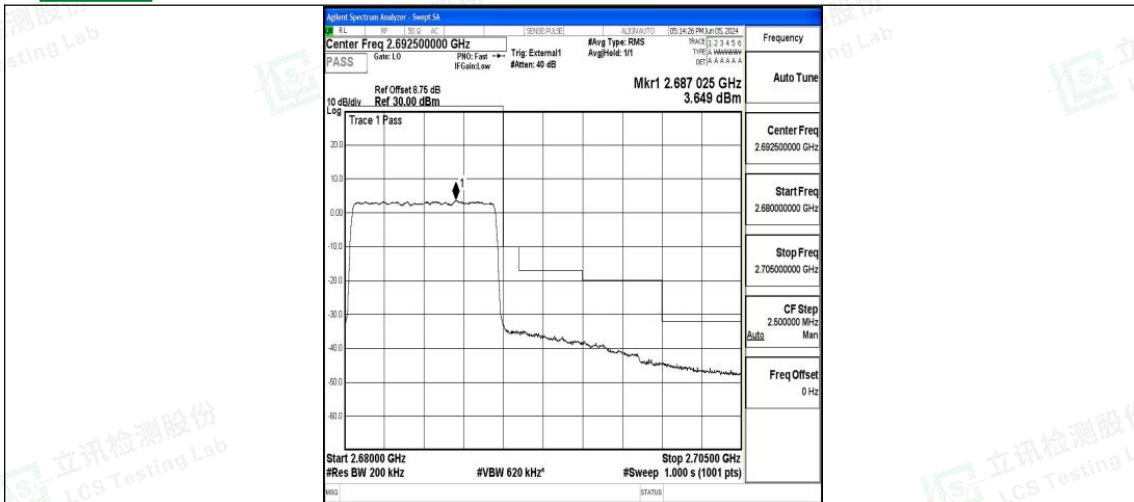


Band41\_10MHz\_16QAM\_39700\_50RB#0

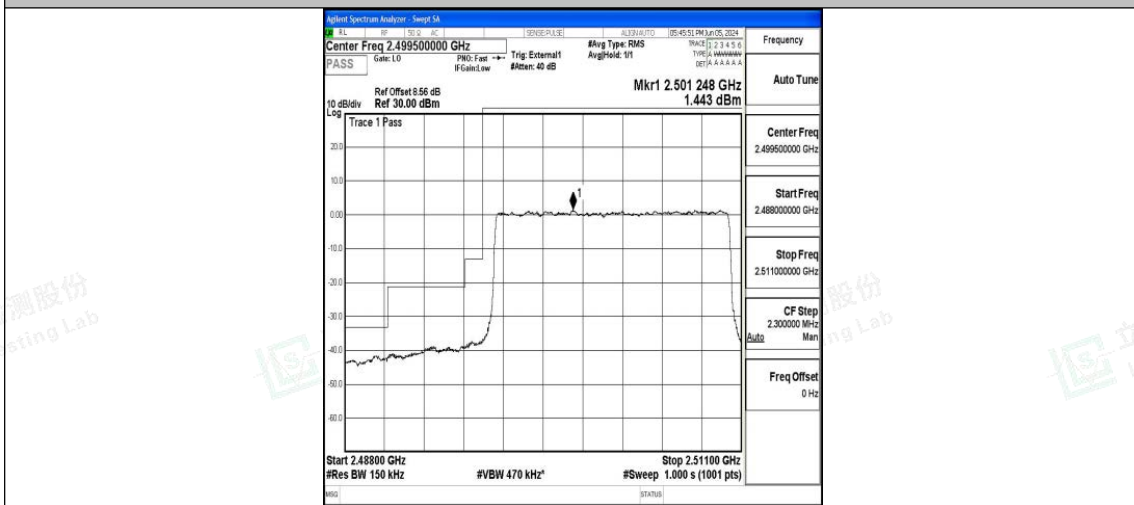


Band41\_10MHz\_QPSK\_41540\_50RB#0

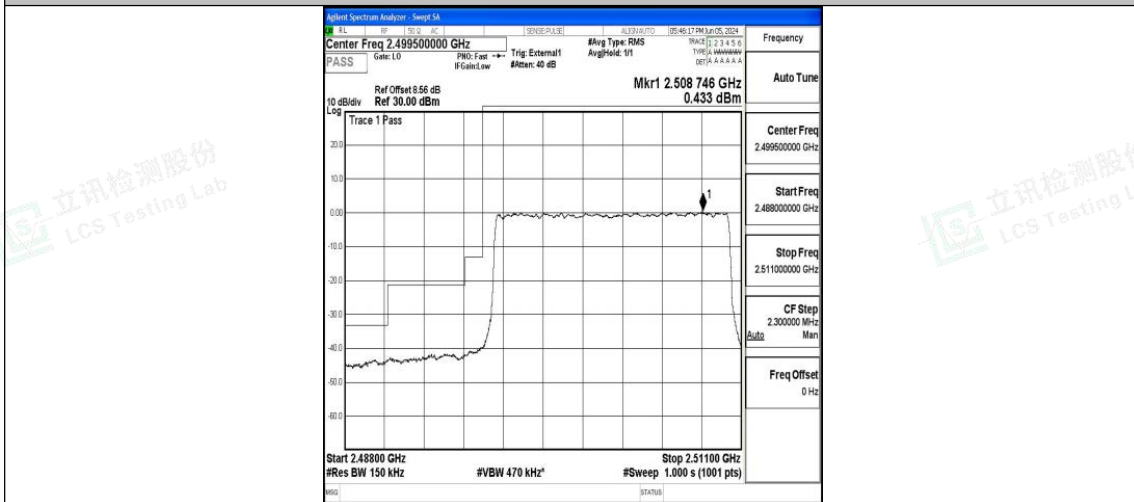




Band41\_10MHz\_16QAM\_41540\_50RB#0

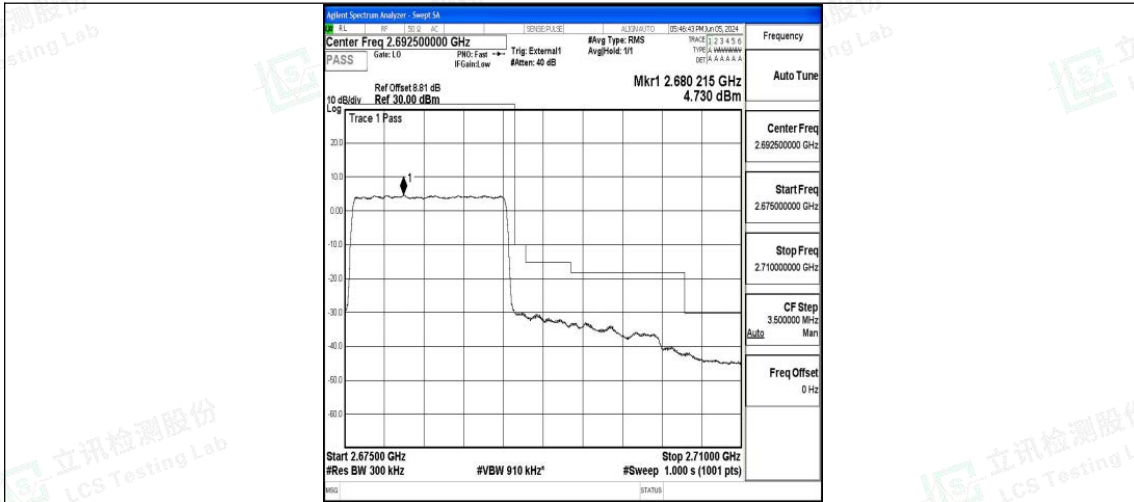


Band41\_15MHz\_QPSK\_39725\_75RB#0

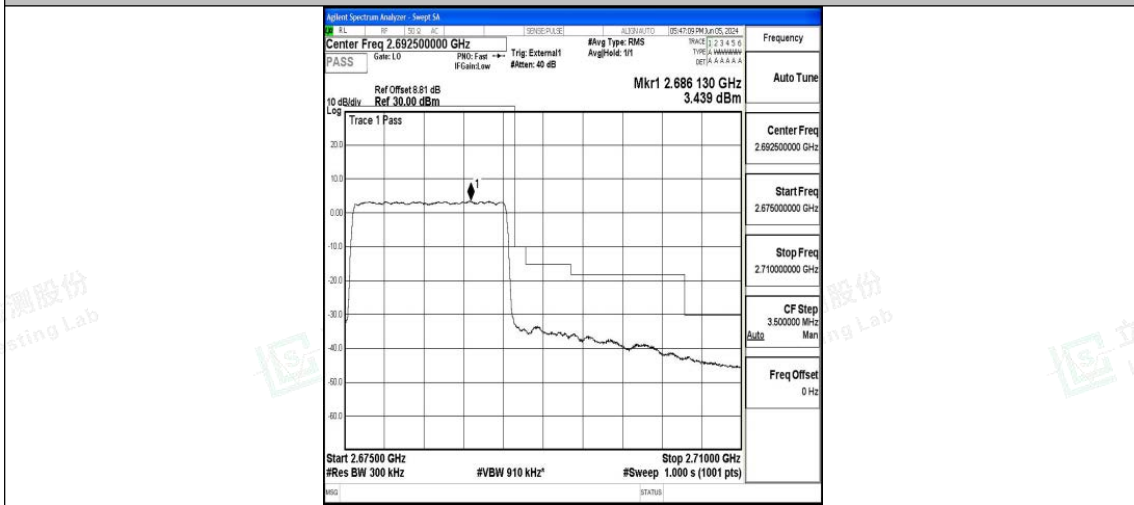


Band41\_15MHz\_16QAM\_39725\_75RB#0

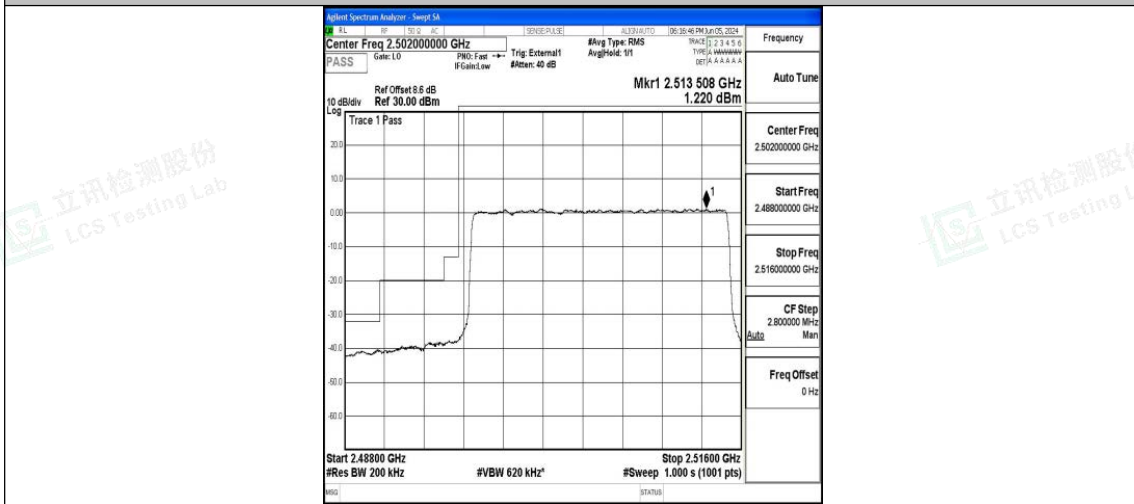




Band41\_15MHz\_QPSK\_41515\_75RB#0

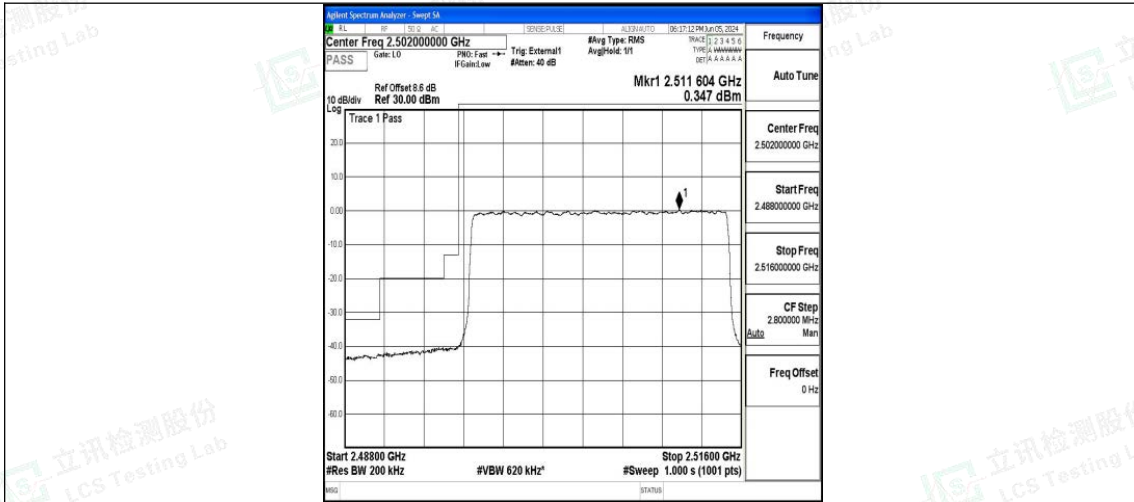


Band41\_15MHz\_16QAM\_41515\_75RB#0

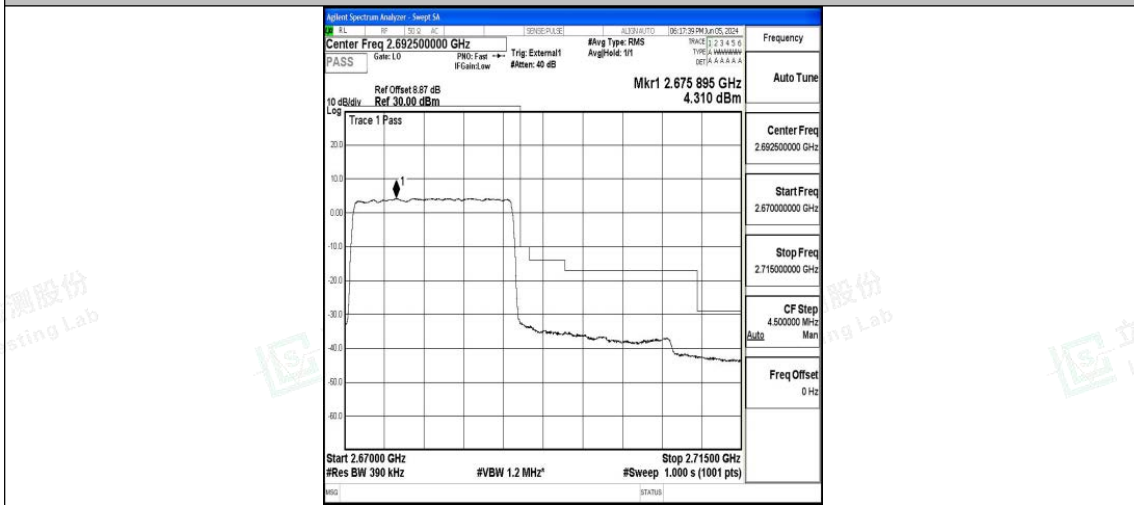


Band41\_20MHz\_QPSK\_39750\_100RB#0

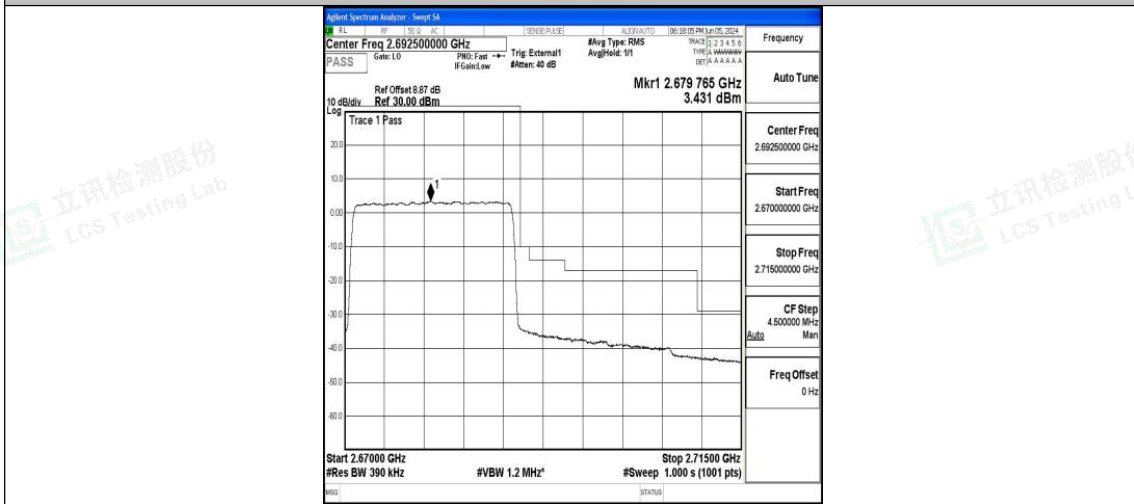




Band41\_20MHz\_16QAM\_39750\_100RB#0



Band41\_20MHz\_QPSK\_41490\_100RB#0



Band41\_20MHz\_16QAM\_41490\_100RB#0





### K.5 Conducted Spurious Emission

#### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-----------------|--------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#0            | 0.009~0.15      | -68.38       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#0            | 0.15~30         | -59.11       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#0            | 30~1000         | -62.21       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#0            | 1000~20000      | -33.16       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#0            | 20000~27000     | -35.41       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#0            | 0.009~0.15      | -67.68       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#0            | 0.15~30         | -62.14       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#0            | 30~1000         | -61.96       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#0            | 1000~20000      | -33.30       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#0            | 20000~27000     | -35.21       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#0            | 0.009~0.15      | -68.14       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#0            | 0.15~30         | -59.34       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#0            | 30~1000         | -62.23       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#0            | 1000~20000      | -33.47       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#0            | 20000~27000     | -35.51       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#0            | 0.009~0.15      | -66.93       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#0            | 0.15~30         | -61.96       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#0            | 30~1000         | -62.36       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#0            | 1000~20000      | -33.20       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#0            | 20000~27000     | -35.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#0            | 0.009~0.15      | -67.52       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#0            | 0.15~30         | -62.83       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#0            | 30~1000         | -62.44       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#0            | 1000~20000      | -33.05       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#0            | 20000~27000     | -34.64       | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 1RB#0            | 0.009~0.15      | -65.80       | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 1RB#0            | 0.15~30         | -60.44       | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 1RB#0            | 30~1000         | -62.24       | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 1RB#0            | 1000~20000      | -33.33       | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 1RB#0            | 20000~27000     | -35.10       | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 1RB#0            | 0.009~0.15      | -67.05       | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 1RB#0            | 0.15~30         | -62.66       | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 1RB#0            | 30~1000         | -62.22       | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 1RB#0            | 1000~20000      | -33.10       | PASS    |



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 Scan code to check authenticity





|        |       |       |       |       |             |        |      |
|--------|-------|-------|-------|-------|-------------|--------|------|
| Band41 | 10MHz | QPSK  | 39700 | 1RB#0 | 20000~27000 | -35.25 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#0 | 0.009~0.15  | -64.94 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#0 | 0.15~30     | -61.15 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#0 | 30~1000     | -62.30 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#0 | 1000~20000  | -33.20 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#0 | 20000~27000 | -35.25 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#0 | 0.009~0.15  | -64.42 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#0 | 0.15~30     | -62.29 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#0 | 30~1000     | -61.87 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#0 | 1000~20000  | -33.04 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#0 | 20000~27000 | -35.17 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#0 | 0.009~0.15  | -68.78 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#0 | 0.15~30     | -59.81 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#0 | 30~1000     | -62.04 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#0 | 1000~20000  | -33.26 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#0 | 20000~27000 | -35.24 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#0 | 0.009~0.15  | -67.51 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#0 | 0.15~30     | -60.33 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#0 | 30~1000     | -62.09 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#0 | 1000~20000  | -33.42 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#0 | 20000~27000 | -35.27 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#0 | 0.009~0.15  | -67.70 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#0 | 0.15~30     | -59.48 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#0 | 30~1000     | -62.40 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#0 | 1000~20000  | -33.24 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#0 | 20000~27000 | -35.03 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#0 | 0.009~0.15  | -68.20 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#0 | 0.15~30     | -59.48 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#0 | 30~1000     | -62.14 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#0 | 1000~20000  | -33.52 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#0 | 20000~27000 | -35.27 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#0 | 0.009~0.15  | -67.80 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#0 | 0.15~30     | -62.57 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#0 | 30~1000     | -62.20 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#0 | 1000~20000  | -33.10 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#0 | 20000~27000 | -35.16 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#0 | 0.009~0.15  | -67.92 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#0 | 0.15~30     | -58.91 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#0 | 30~1000     | -62.06 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#0 | 1000~20000  | -33.17 | PASS |



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|        |       |       |       |       |             |        |      |
|--------|-------|-------|-------|-------|-------------|--------|------|
| Band41 | 15MHz | QPSK  | 40620 | 1RB#0 | 20000~27000 | -35.33 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#0 | 0.009~0.15  | -67.46 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#0 | 0.15~30     | -61.34 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#0 | 30~1000     | -62.09 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#0 | 1000~20000  | -32.46 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#0 | 20000~27000 | -35.16 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#0 | 0.009~0.15  | -68.48 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#0 | 0.15~30     | -60.66 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#0 | 30~1000     | -61.81 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#0 | 1000~20000  | -33.22 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#0 | 20000~27000 | -35.14 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#0 | 0.009~0.15  | -69.19 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#0 | 0.15~30     | -58.87 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#0 | 30~1000     | -61.67 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#0 | 1000~20000  | -33.43 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#0 | 20000~27000 | -35.04 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#0 | 0.009~0.15  | -67.77 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#0 | 0.15~30     | -58.62 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#0 | 30~1000     | -62.13 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#0 | 1000~20000  | -33.33 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#0 | 20000~27000 | -35.19 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#0 | 0.009~0.15  | -67.51 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#0 | 0.15~30     | -61.16 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#0 | 30~1000     | -61.97 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#0 | 1000~20000  | -33.02 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#0 | 20000~27000 | -35.30 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#0 | 0.009~0.15  | -68.57 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#0 | 0.15~30     | -61.39 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#0 | 30~1000     | -61.83 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#0 | 1000~20000  | -32.80 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#0 | 20000~27000 | -35.29 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#0 | 0.009~0.15  | -66.01 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#0 | 0.15~30     | -59.55 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#0 | 30~1000     | -62.20 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#0 | 1000~20000  | -32.88 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#0 | 20000~27000 | -35.12 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#0 | 0.009~0.15  | -67.45 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#0 | 0.15~30     | -59.22 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#0 | 30~1000     | -62.47 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#0 | 1000~20000  | -33.23 | PASS |



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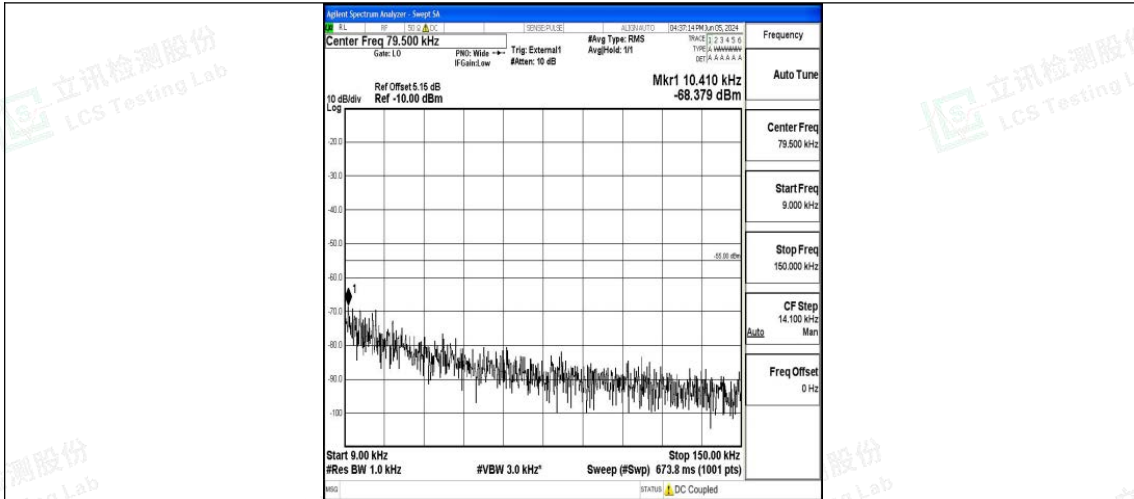
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

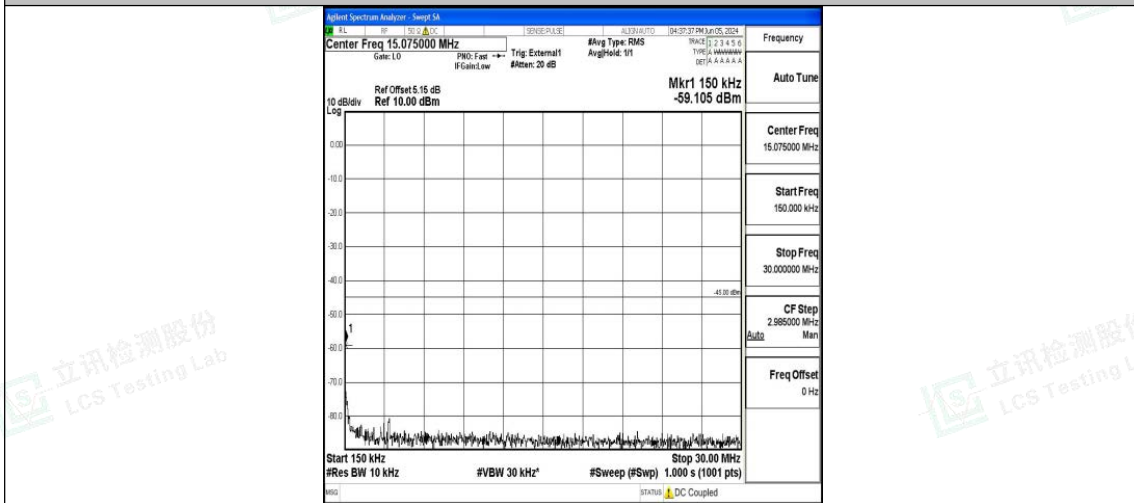


|        |       |       |       |       |             |        |      |
|--------|-------|-------|-------|-------|-------------|--------|------|
| Band41 | 20MHz | QPSK  | 41490 | 1RB#0 | 20000~27000 | -35.42 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#0 | 0.009~0.15  | -67.03 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#0 | 0.15~30     | -60.39 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#0 | 30~1000     | -62.08 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#0 | 1000~20000  | -32.63 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#0 | 20000~27000 | -35.05 | PASS |

### Test Graphs

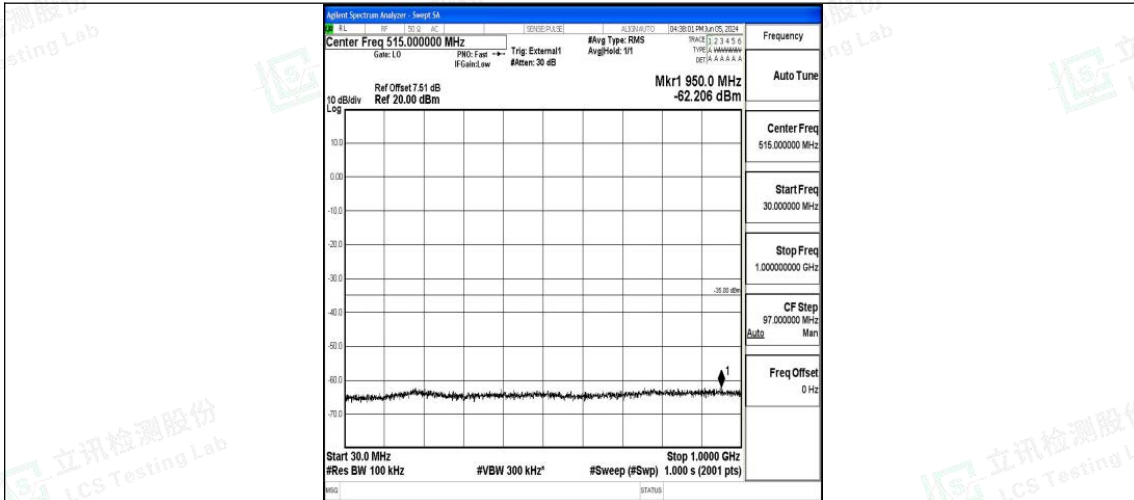


Band41\_5MHz\_QPSK\_39675\_1RB#0\_0.009~0.15\_0.009~0.15

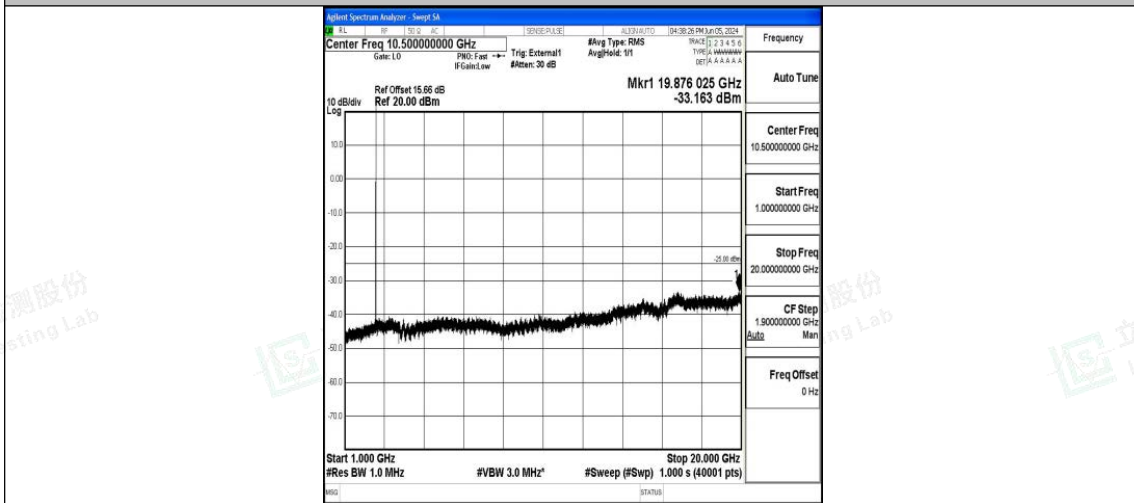


Band41\_5MHz\_QPSK\_39675\_1RB#0\_0.15~30\_0.15~30

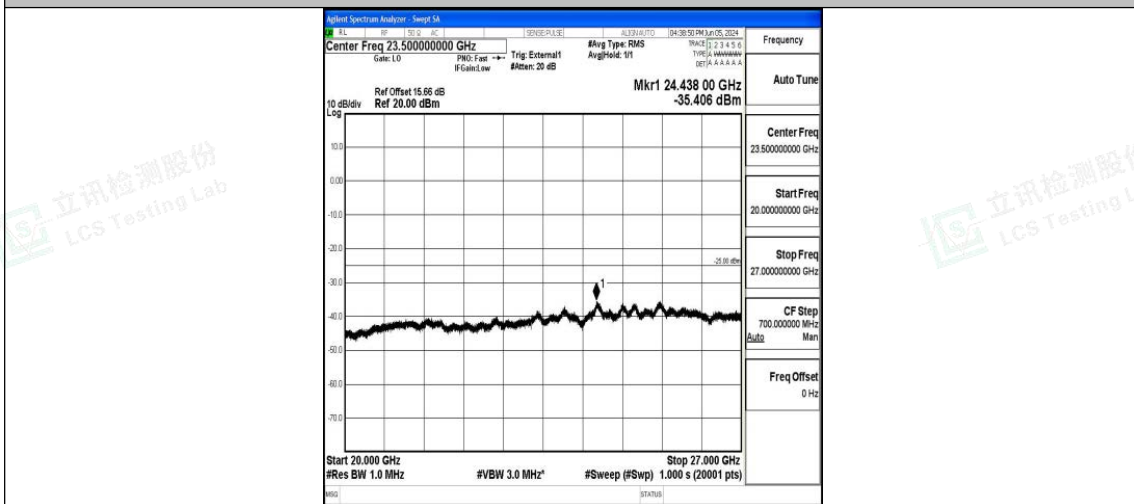




Band41\_5MHz\_QPSK\_39675\_1RB#0\_30~1000\_30~1000

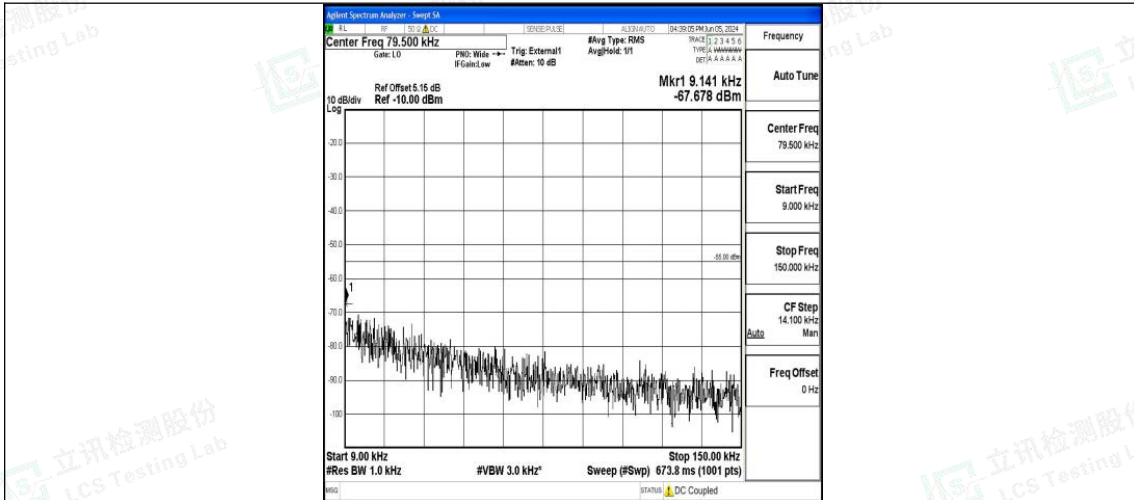


Band41\_5MHz\_QPSK\_39675\_1RB#0\_1000~20000\_1000~20000

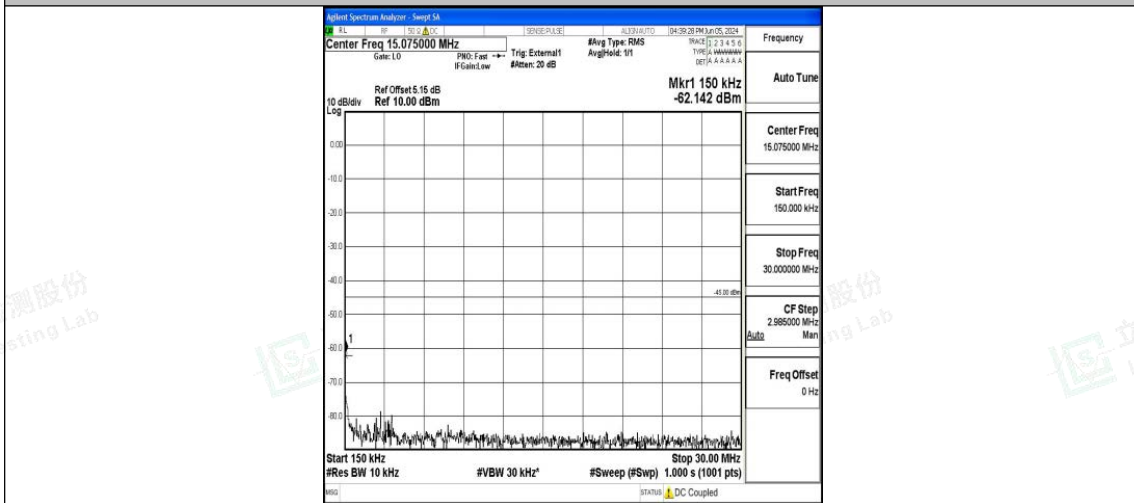


Band41\_5MHz\_QPSK\_39675\_1RB#0\_20000~27000\_20000~27000

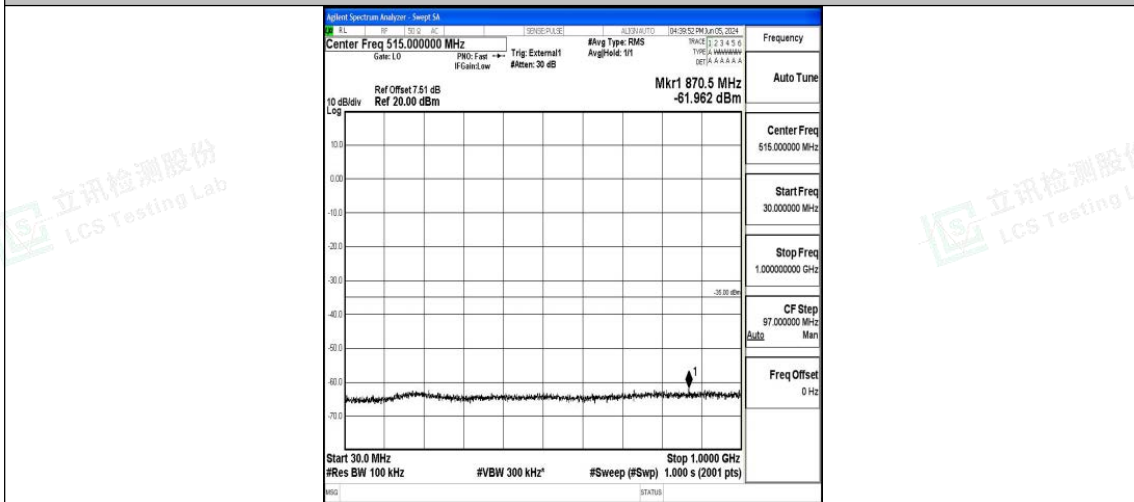




Band41\_5MHz\_16QAM\_39675\_1RB#0\_0.009~0.15\_0.009~0.15

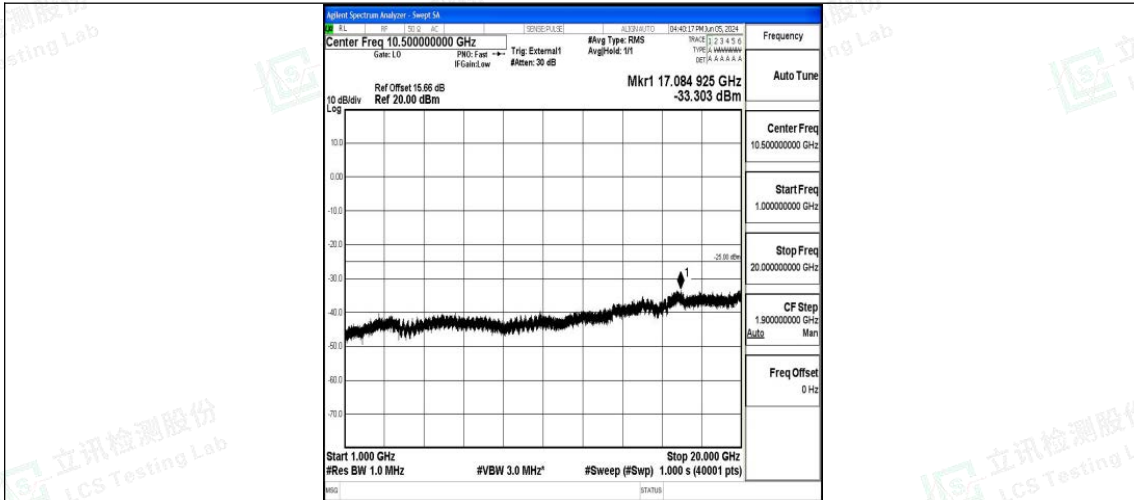


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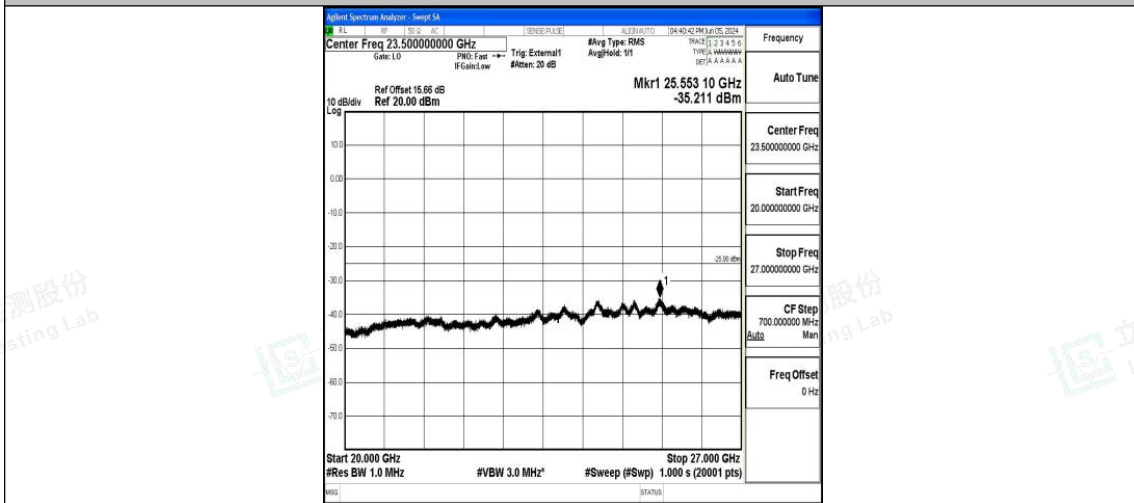


Band41\_5MHz\_16QAM\_39675\_1RB#0\_30~1000\_30~1000

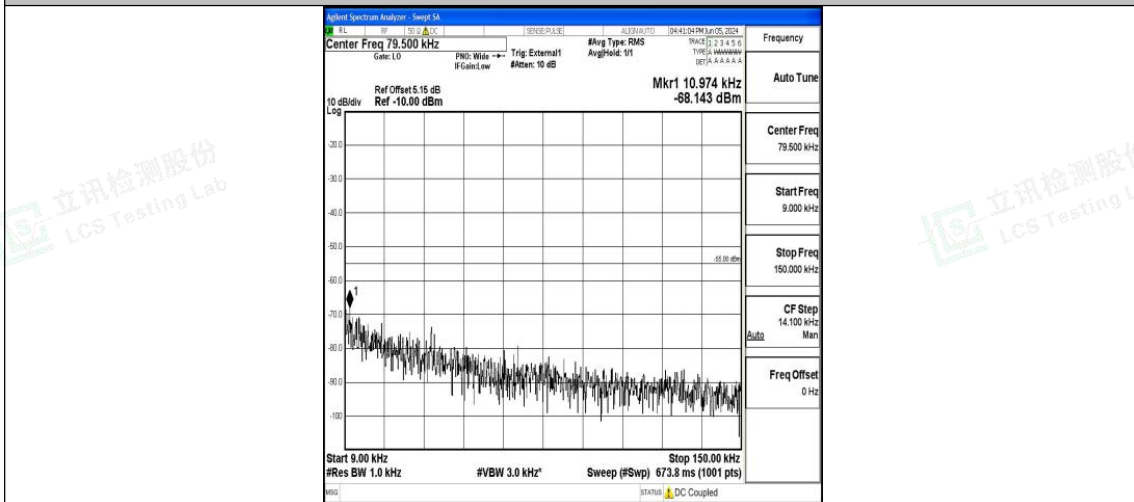




Band41\_5MHz\_16QAM\_39675\_1RB#0\_1000~20000\_1000~20000

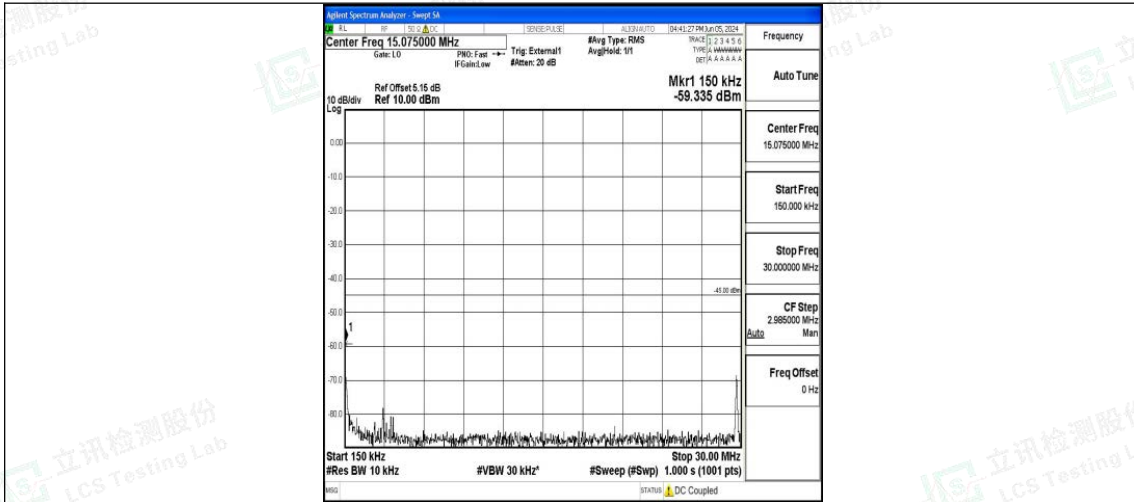


Band41\_5MHz\_16QAM\_39675\_1RB#0\_20000~27000\_20000~27000

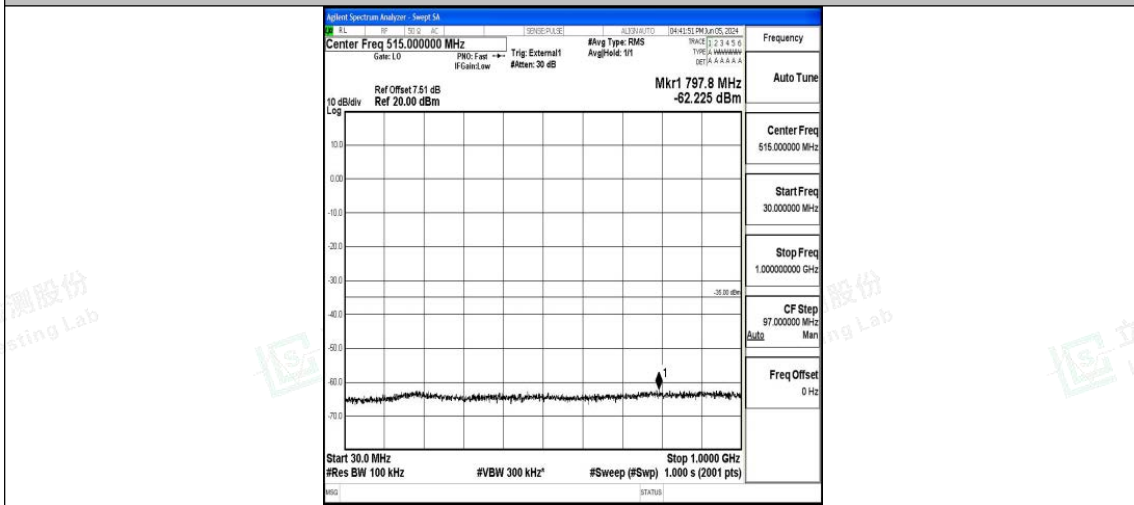


Band41\_5MHz\_QPSK\_40620\_1RB#0\_0.009~0.15\_0.009~0.15

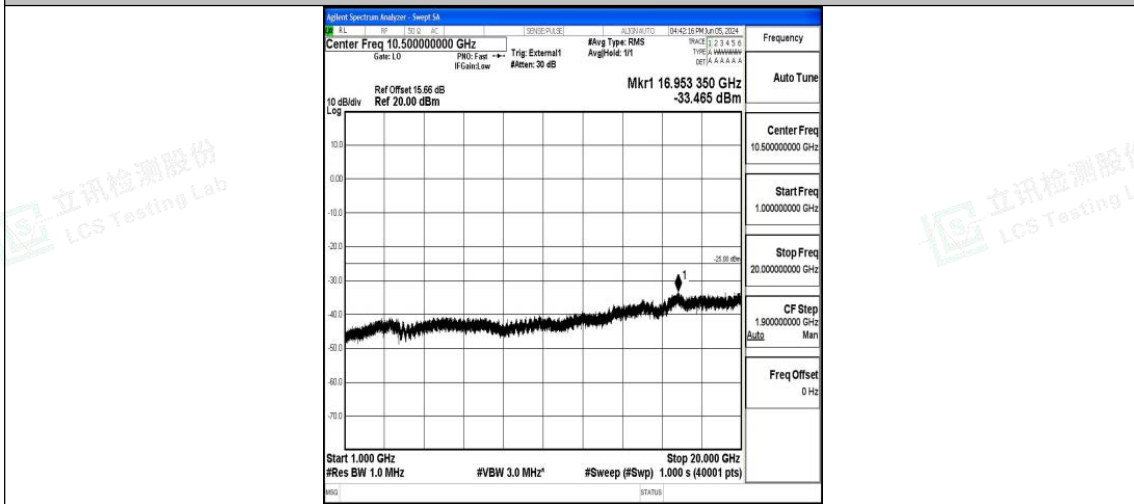




Band41\_5MHz\_QPSK\_40620\_1RB#0\_0.15~30\_0.15~30

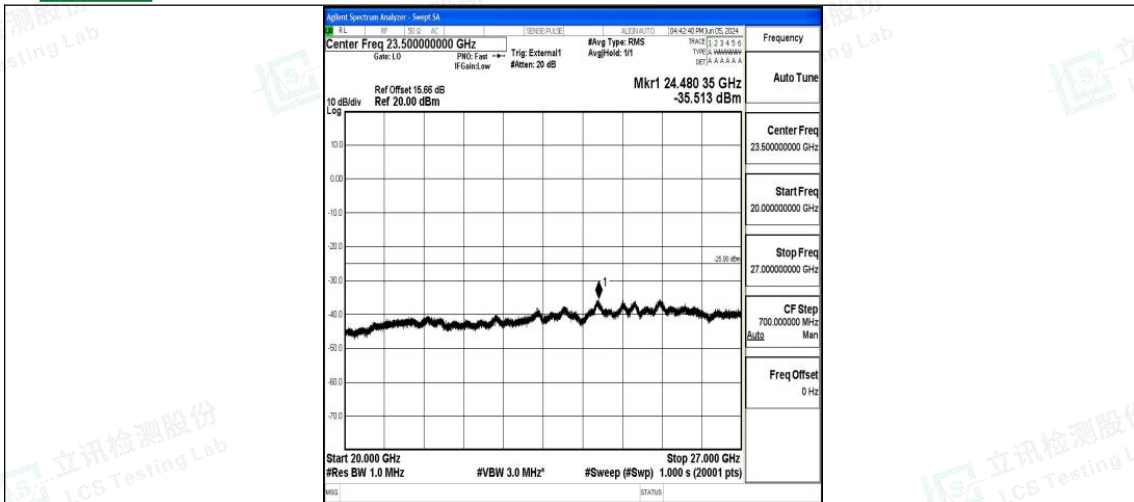


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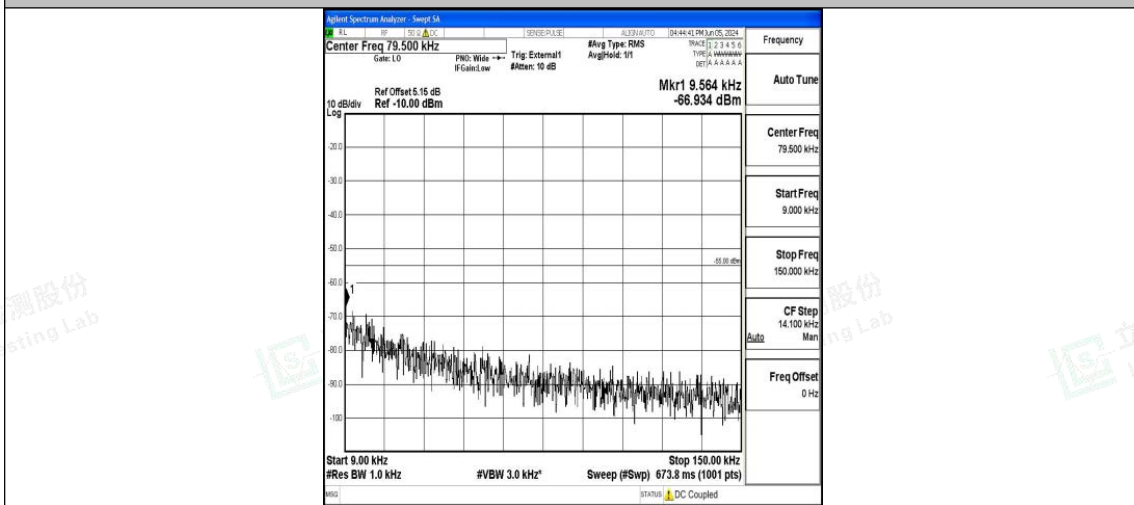


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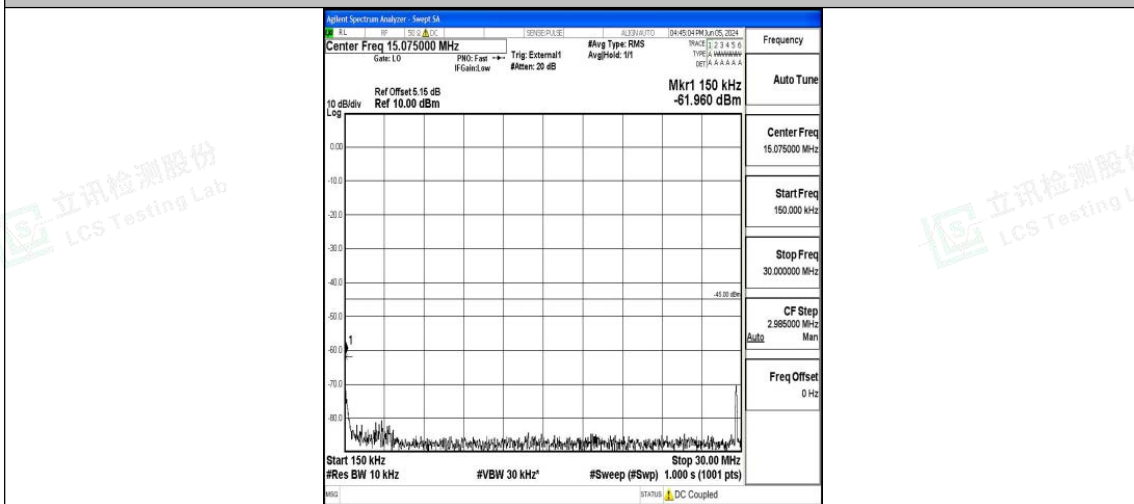




Band41\_5MHz\_QPSK\_40620\_1RB#0\_20000~27000\_20000~27000



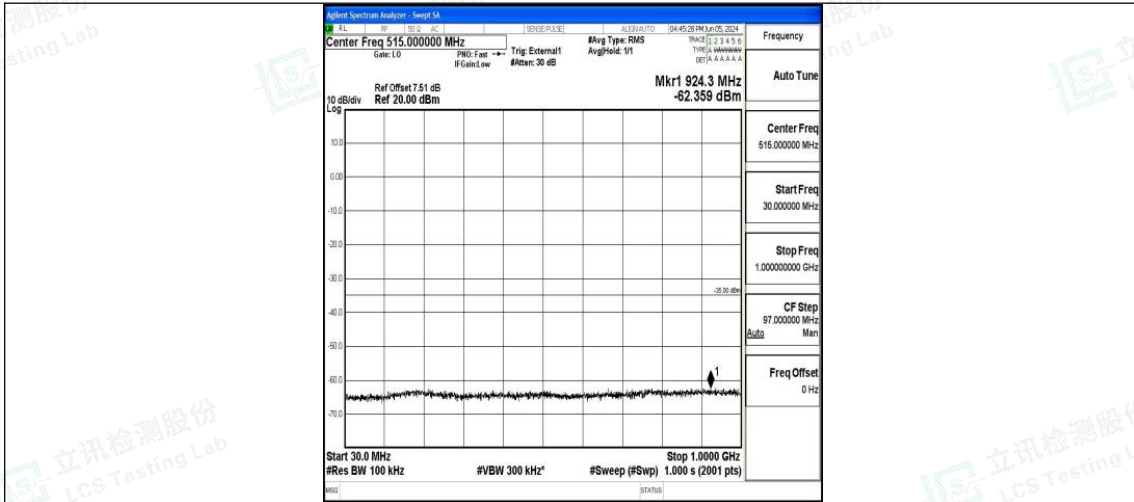
Band41\_5MHz\_16QAM\_40620\_1RB#0\_0.009~0.15\_0.009~0.15



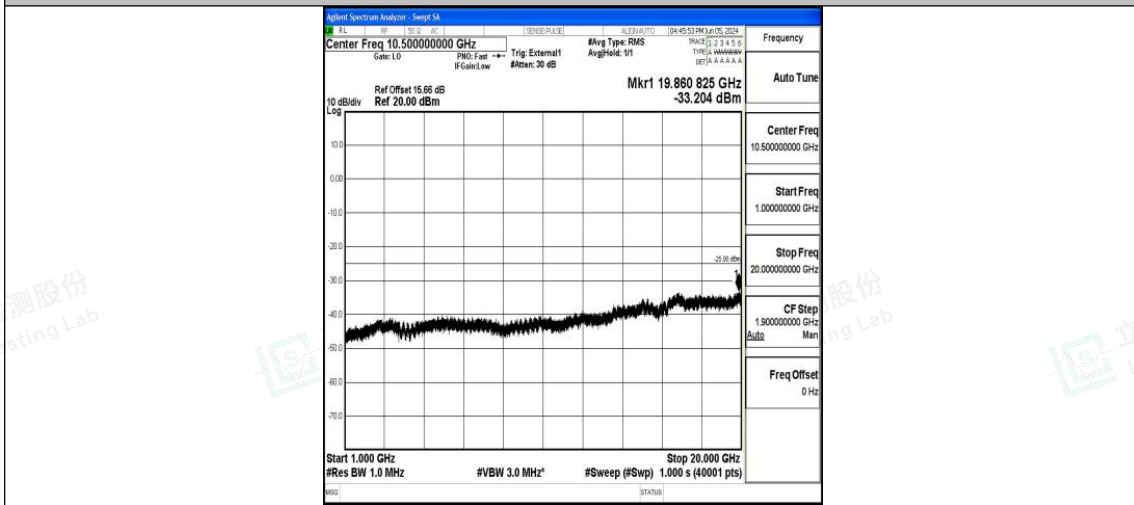
Band41\_5MHz\_16QAM\_40620\_1RB#0\_0.15~30\_0.15~30



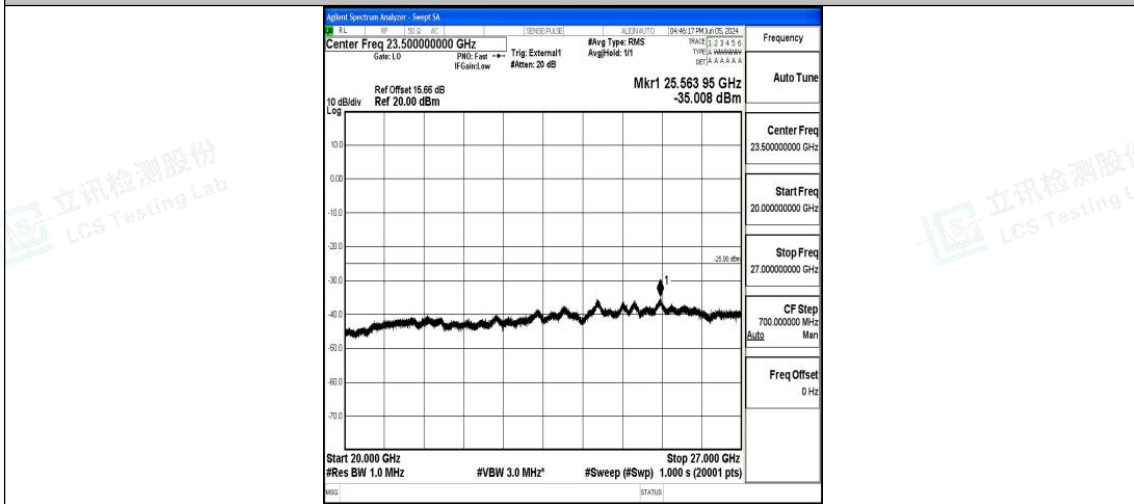




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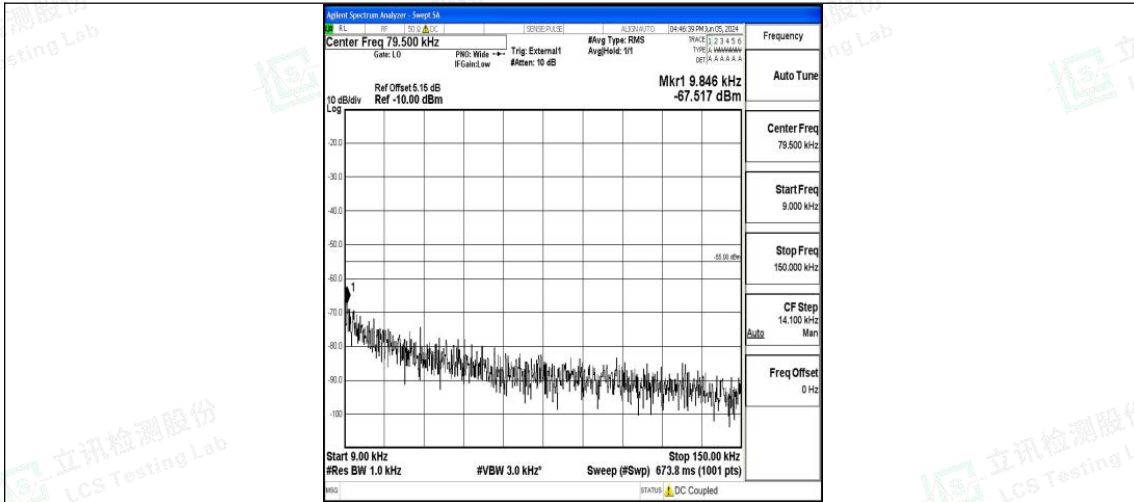


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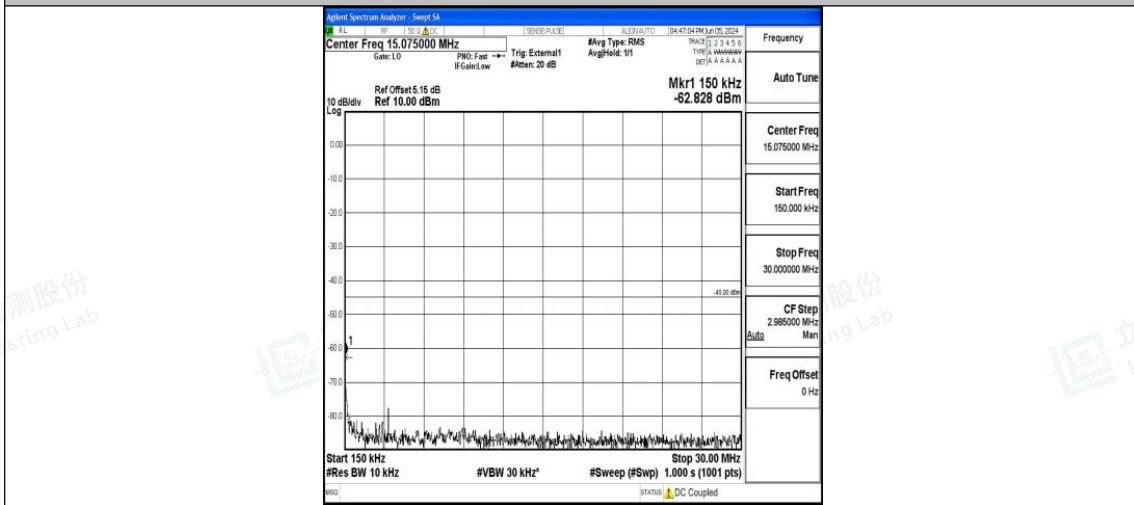


Band41\_5MHz\_16QAM\_40620\_1RB#0\_20000~27000\_20000~27000

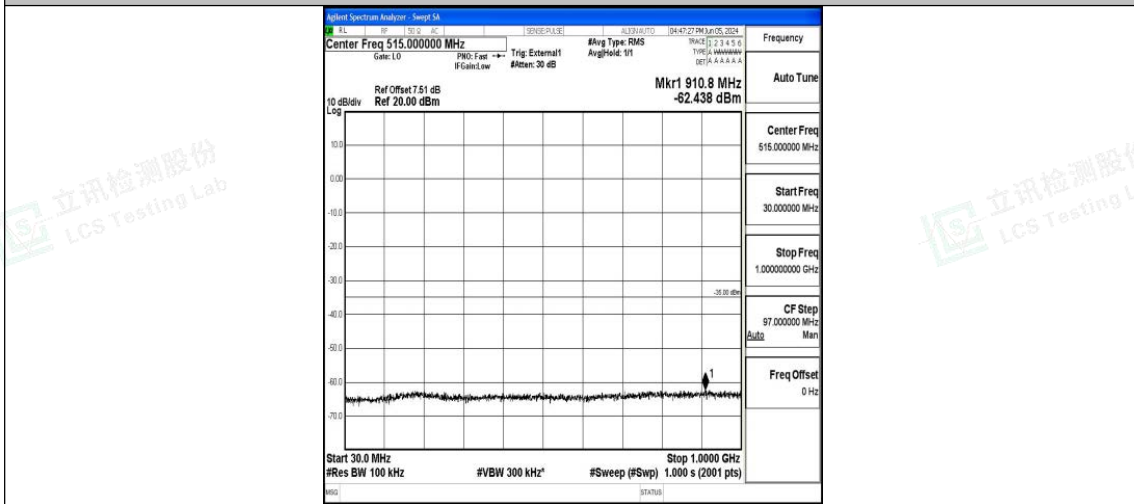




Band41\_5MHz\_QPSK\_41565\_1RB#0\_0.009~0.15\_0.009~0.15

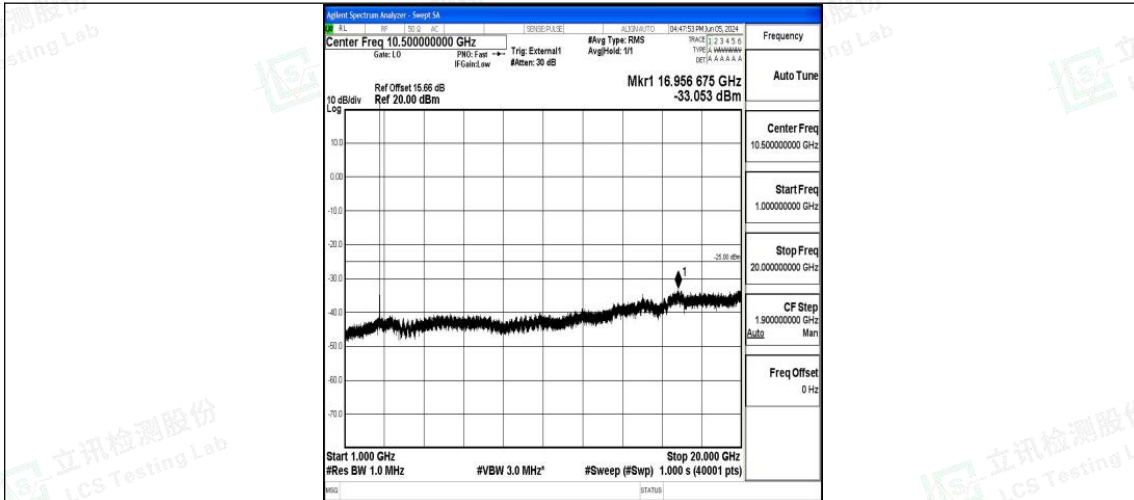


Band41\_5MHz\_QPSK\_41565\_1RB#0\_0.15~30\_0.15~30

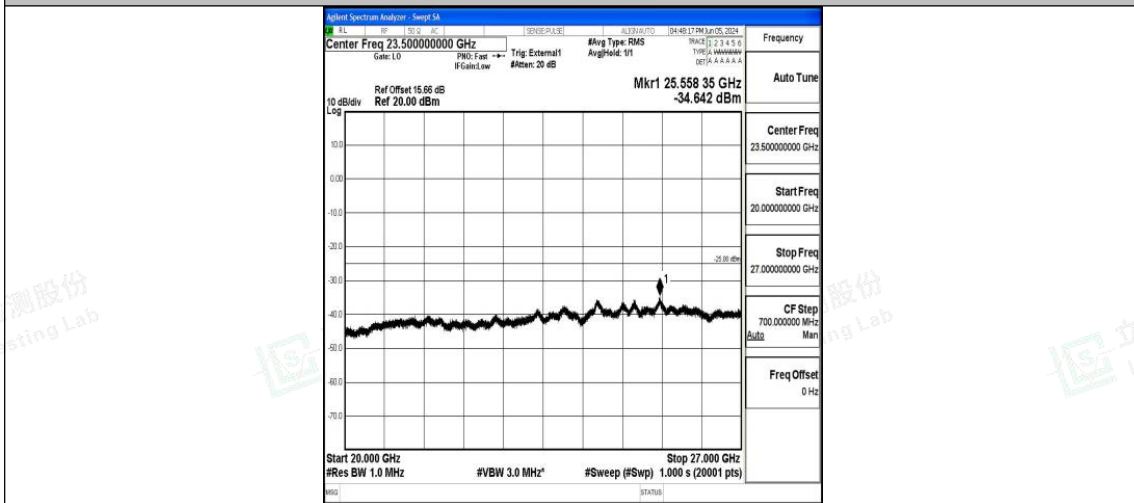


Band41\_5MHz\_QPSK\_41565\_1RB#0\_30~1000\_30~1000

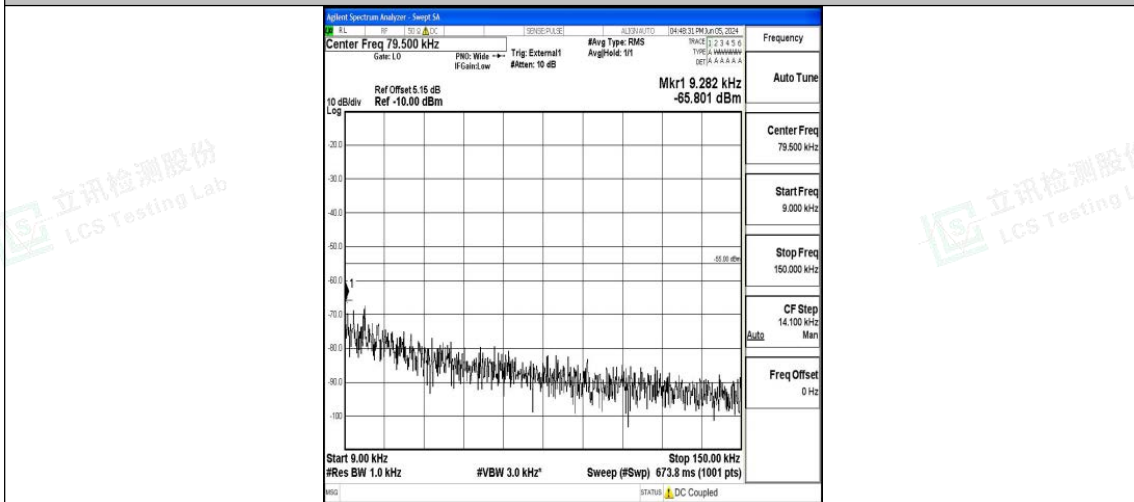




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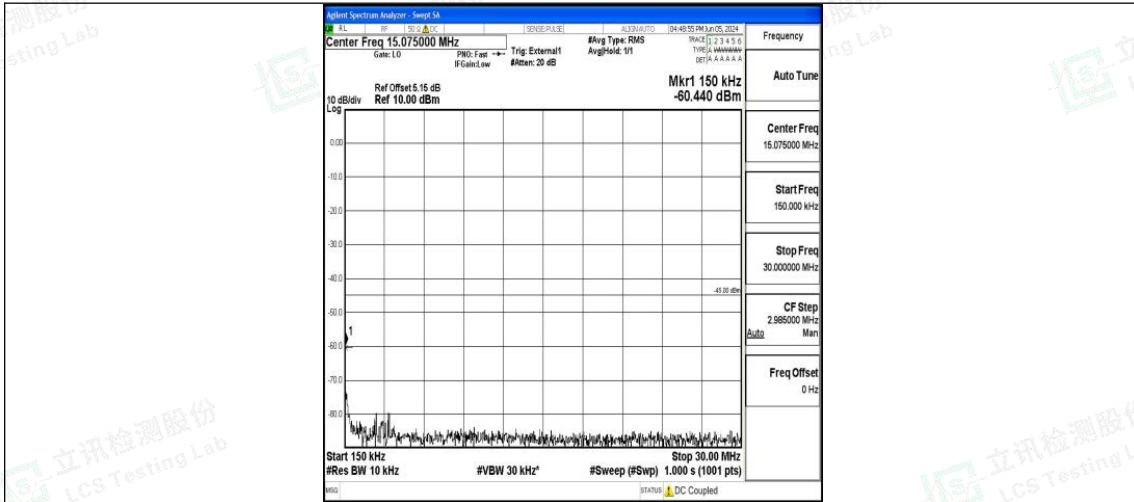


Band41\_5MHz\_QPSK\_41565\_1RB#0\_20000~27000\_20000~27000

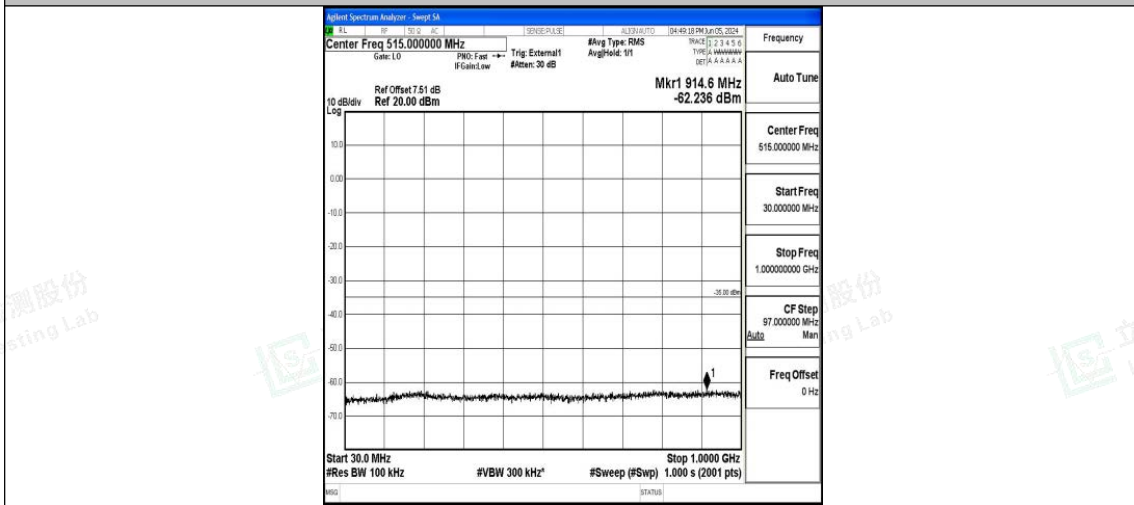


Band41\_5MHz\_16QAM\_41565\_1RB#0\_0.009~0.15\_0.009~0.15

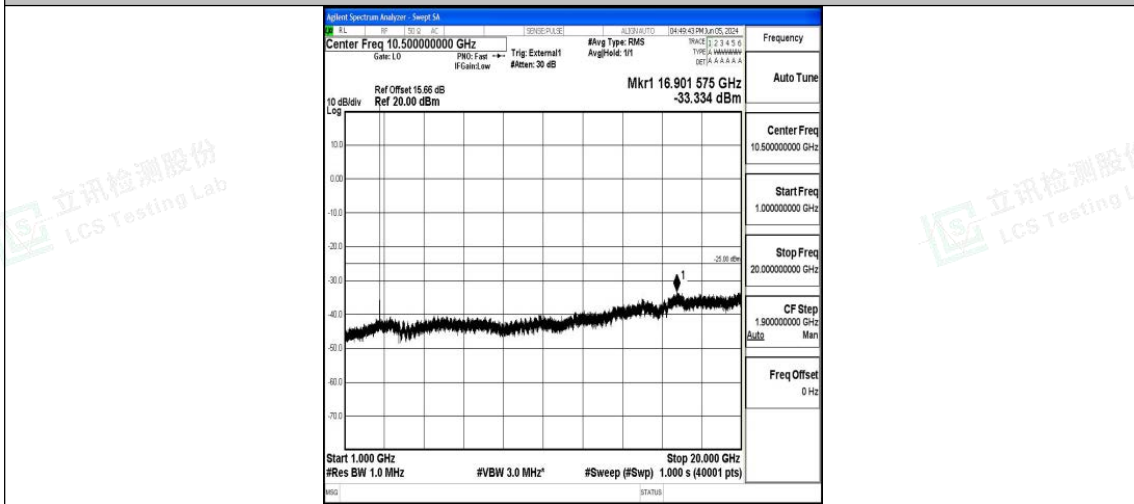




Band41\_5MHz\_16QAM\_41565\_1RB#0\_0.15~30\_0.15~30

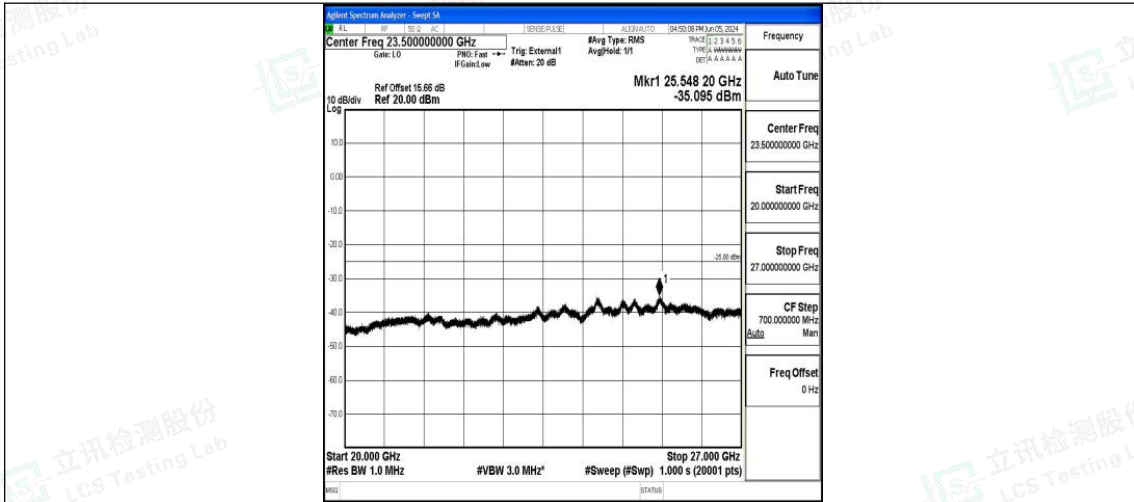


Band41\_5MHz\_16QAM\_41565\_1RB#0\_30~1000\_30~1000

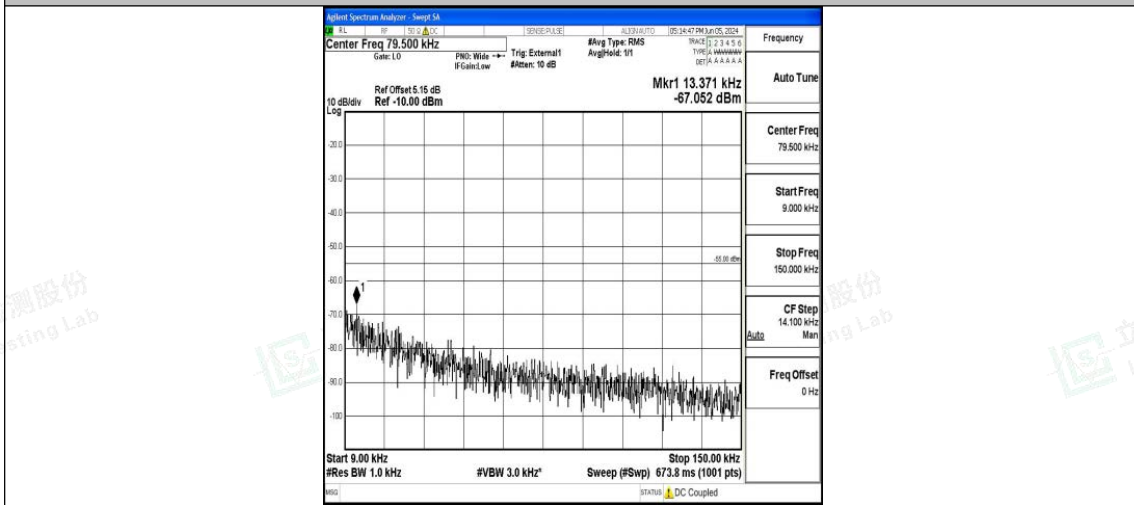


Band41\_5MHz\_16QAM\_41565\_1RB#0\_1000~20000\_1000~20000

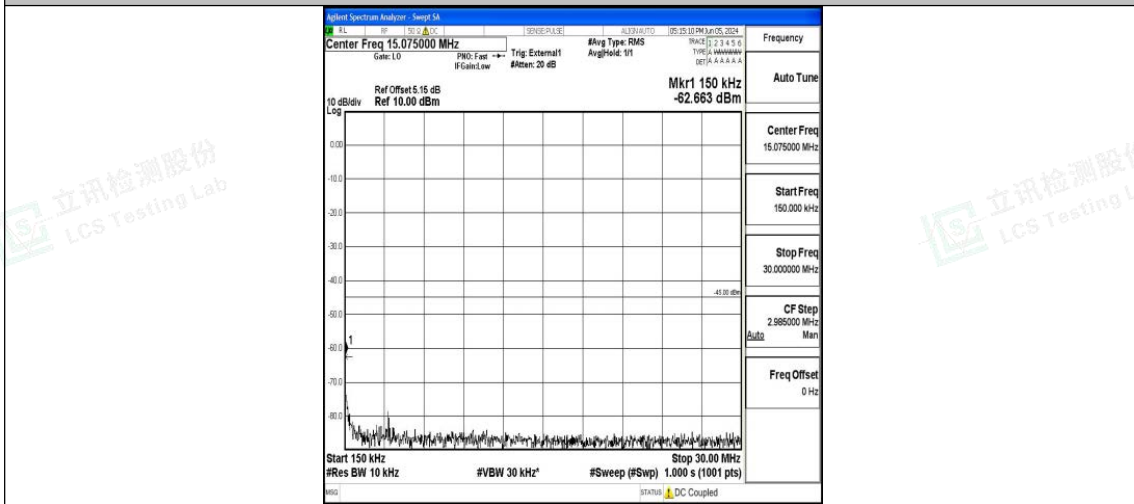




Band41\_5MHz\_16QAM\_41565\_1RB#0\_20000~27000\_20000~27000

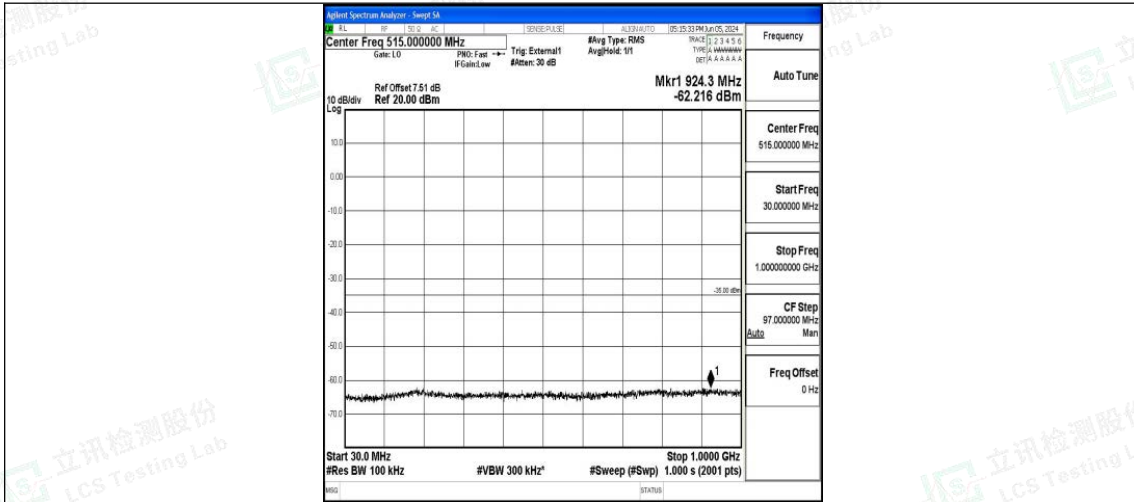


Band41\_10MHz\_QPSK\_39700\_1RB#0\_0.009~0.15\_0.009~0.15

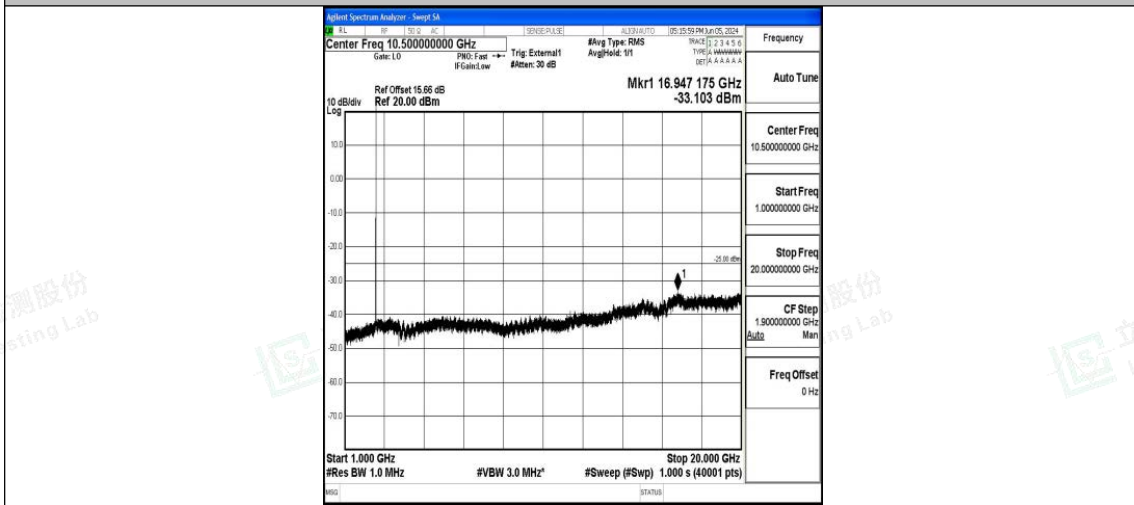


Band41\_10MHz\_QPSK\_39700\_1RB#0\_0.15~30\_0.15~30

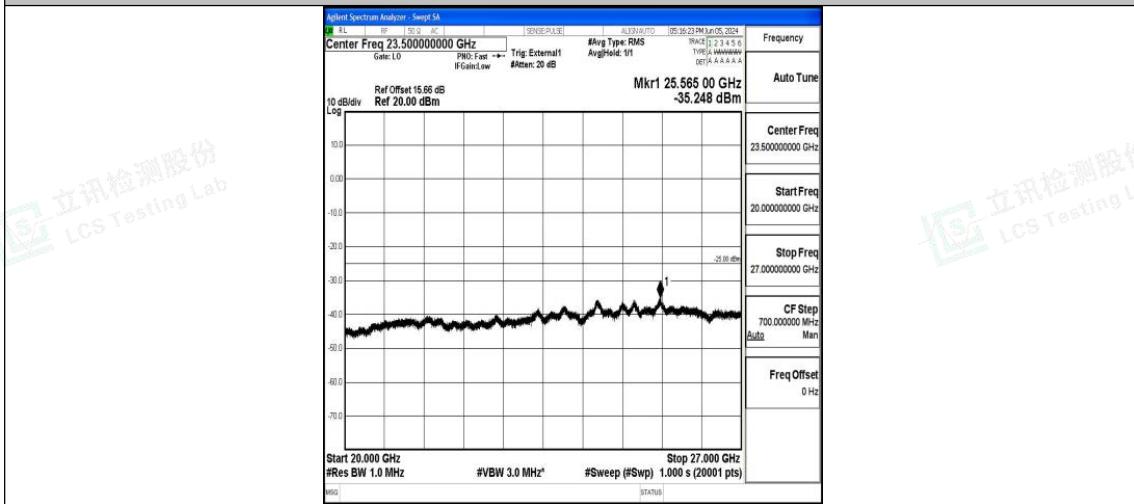




Band41\_10MHz\_QPSK\_39700\_1RB#0\_30~1000\_30~1000



Band41\_10MHz\_QPSK\_39700\_1RB#0\_1000~20000\_1000~20000



Band41\_10MHz\_QPSK\_39700\_1RB#0\_20000~27000\_20000~27000

