



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

**Product Name:** Smart POS

**Test Model:** WIZARPOS Q3min

### Environmental Conditions

|                    |            |
|--------------------|------------|
| Temperature:       | 24.3°C     |
| Relative Humidity: | 53.8%      |
| ATM Pressure:      | 100.0 kPa  |
| Test Engineer:     | Billy Yu   |
| Supervised by:     | Paddi Chen |





## K.1 Conducted Output Power Data

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#0            | 22.41       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#0            | 21.52       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#12           | 22.43       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#12           | 21.87       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#24           | 22.43       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#24           | 21.81       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 12RB#0           | 21.47       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 12RB#0           | 20.35       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 12RB#6           | 21.43       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 12RB#6           | 20.46       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 12RB#13          | 21.43       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 12RB#13          | 20.37       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 21.41       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 20.30       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#0            | 22.79       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#0            | 21.84       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#12           | 22.69       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#12           | 21.96       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#24           | 22.75       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#24           | 22.26       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 12RB#0           | 21.96       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 12RB#0           | 20.96       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 12RB#6           | 21.89       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 12RB#6           | 20.97       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 12RB#13          | 21.86       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 12RB#13          | 20.91       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 21.90       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 20.99       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#0            | 22.21       | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 1RB#0            | 21.53       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#12           | 22.48       | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 1RB#12           | 21.97       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#24           | 21.65       | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 1RB#24           | 21.14       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 12RB#0           | 22.34       | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 12RB#0           | 20.90       | PASS    |





|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band41 | 5MHz  | QPSK  | 41565 | 12RB#6  | 21.96 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 12RB#6  | 20.90 | PASS |
| Band41 | 5MHz  | QPSK  | 41565 | 12RB#13 | 21.89 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 12RB#13 | 20.88 | PASS |
| Band41 | 5MHz  | QPSK  | 41565 | 25RB#0  | 21.91 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 25RB#0  | 21.11 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 1RB#0   | 22.32 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#0   | 21.66 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 1RB#24  | 22.29 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#24  | 21.58 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 1RB#49  | 22.45 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#49  | 21.59 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 25RB#0  | 21.42 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#0  | 20.47 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 25RB#12 | 21.37 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#12 | 20.38 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 25RB#25 | 21.46 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#25 | 20.50 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 50RB#0  | 21.36 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 50RB#0  | 20.53 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#0   | 22.73 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#0   | 22.12 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#24  | 22.84 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#24  | 22.14 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#49  | 22.78 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#49  | 22.08 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 25RB#0  | 21.98 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#0  | 20.93 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 25RB#12 | 22.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#12 | 20.93 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 25RB#25 | 21.94 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#25 | 20.88 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 50RB#0  | 21.98 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 50RB#0  | 21.05 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#0   | 22.72 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#0   | 21.93 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#24  | 22.74 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#24  | 21.80 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#49  | 22.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#49  | 21.37 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 25RB#0  | 22.04 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#0  | 20.91 | PASS |



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|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band41 | 10MHz | QPSK  | 41540 | 25RB#12 | 22.04 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#12 | 20.91 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 25RB#25 | 21.98 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#25 | 20.87 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 50RB#0  | 22.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 50RB#0  | 21.09 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#0   | 22.25 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#0   | 21.51 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#38  | 22.33 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#38  | 21.63 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#74  | 22.26 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#74  | 21.38 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 38RB#0  | 21.36 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 38RB#0  | 21.36 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 38RB#18 | 21.37 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 38RB#18 | 21.37 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 38RB#37 | 21.37 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 38RB#37 | 21.37 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 75RB#0  | 21.37 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 75RB#0  | 20.49 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#0   | 22.78 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#0   | 21.82 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#38  | 22.77 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#38  | 21.89 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#74  | 22.85 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#74  | 22.15 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 38RB#0  | 21.92 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 38RB#0  | 21.92 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 38RB#18 | 21.92 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 38RB#18 | 21.91 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 38RB#37 | 21.91 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 38RB#37 | 21.91 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 75RB#0  | 21.91 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0  | 21.02 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#0   | 22.71 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#0   | 21.58 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#38  | 22.79 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#38  | 21.90 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#74  | 21.86 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#74  | 21.22 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 38RB#0  | 21.91 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 38RB#0  | 21.90 | PASS |



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|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band41 | 15MHz | QPSK  | 41515 | 38RB#18 | 21.97 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 38RB#18 | 21.97 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 38RB#37 | 21.96 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 38RB#37 | 21.96 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 75RB#0  | 21.96 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 75RB#0  | 21.02 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#0   | 22.23 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#0   | 21.79 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#49  | 22.59 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#49  | 22.26 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#99  | 22.43 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#99  | 21.98 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 50RB#0  | 21.40 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#0  | 20.54 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 50RB#25 | 21.35 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#25 | 20.55 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 50RB#50 | 21.49 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#50 | 20.60 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 100RB#0 | 21.41 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 20.50 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#0   | 22.78 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#0   | 22.36 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#49  | 23.23 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#49  | 22.73 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#99  | 22.77 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#99  | 22.43 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#0  | 21.82 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#0  | 21.06 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#25 | 21.84 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#25 | 21.06 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#50 | 21.88 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#50 | 21.08 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 100RB#0 | 21.93 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 21.02 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#0   | 22.66 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#0   | 21.94 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#49  | 23.12 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#49  | 22.73 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#99  | 22.12 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#99  | 21.34 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#0  | 21.87 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#0  | 20.99 | PASS |



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|--------|-------|-------|-------|---------|-------|------|
| Band41 | 20MHz | QPSK  | 41490 | 50RB#25 | 21.90 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#25 | 21.00 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#50 | 21.93 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#50 | 21.03 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | 21.98 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 20.97 | 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            | 9.00       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#0            | 9.46       | 13        | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 9.14       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 9.96       | 13        | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#0            | 9.34       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#0            | 9.72       | 13        | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 9.34       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 10.04      | 13        | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#0            | 8.69       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 1RB#0            | 9.32       | 13        | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 9.22       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | 9.74       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 1RB#0            | 8.81       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 1RB#0            | 9.80       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | 9.16       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 50RB#0           | 9.68       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 1RB#0            | 9.10       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 40620   | 1RB#0            | 9.86       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 50RB#0           | 9.09       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 40620   | 50RB#0           | 10.01      | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 1RB#0            | 8.92       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 41540   | 1RB#0            | 9.50       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 50RB#0           | 8.96       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 41540   | 50RB#0           | 9.70       | 13        | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 1RB#0            | 9.20       | 13        | PASS    |
| Band41 | 15MHz     | 16QAM      | 39725   | 1RB#0            | 9.84       | 13        | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 75RB#0           | 9.37       | 13        | PASS    |
| Band41 | 15MHz     | 16QAM      | 39725   | 75RB#0           | 9.83       | 13        | PASS    |
| Band41 | 15MHz     | QPSK       | 40620   | 1RB#0            | 9.29       | 13        | PASS    |
| Band41 | 15MHz     | 16QAM      | 40620   | 1RB#0            | 9.79       | 13        | PASS    |
| Band41 | 15MHz     | QPSK       | 40620   | 75RB#0           | 9.26       | 13        | PASS    |
| Band41 | 15MHz     | 16QAM      | 40620   | 75RB#0           | 10.01      | 13        | PASS    |
| Band41 | 15MHz     | QPSK       | 41515   | 1RB#0            | 9.37       | 13        | PASS    |
| Band41 | 15MHz     | 16QAM      | 41515   | 1RB#0            | 9.82       | 13        | PASS    |
| Band41 | 15MHz     | QPSK       | 41515   | 75RB#0           | 9.55       | 13        | PASS    |
| Band41 | 15MHz     | 16QAM      | 41515   | 75RB#0           | 9.48       | 13        | PASS    |



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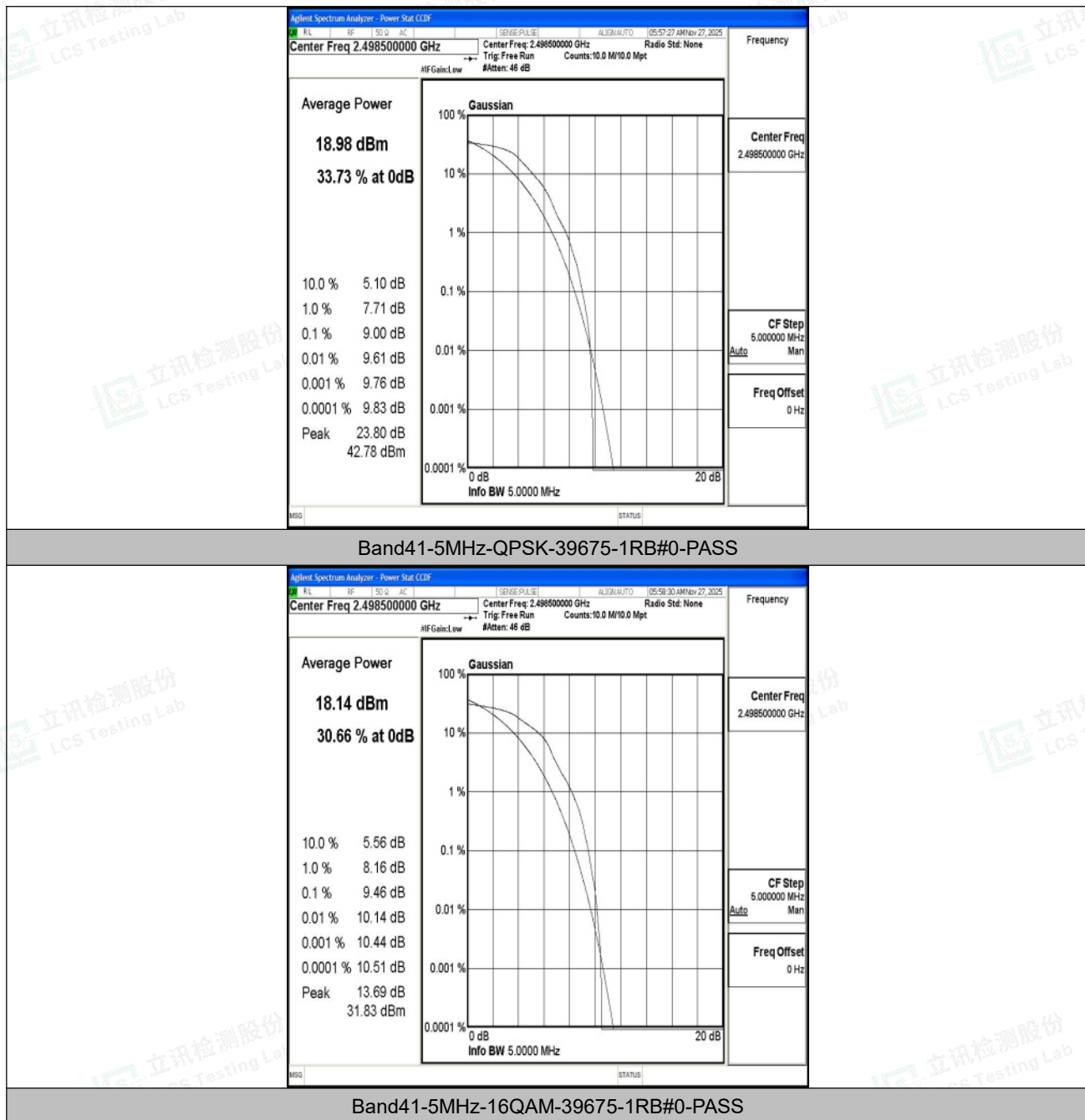


|        |       |       |       |         |       |    |      |
|--------|-------|-------|-------|---------|-------|----|------|
| Band41 | 20MHz | QPSK  | 39750 | 1RB#0   | 7.83  | 13 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#0   | 8.89  | 13 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 100RB#0 | 8.75  | 13 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 9.65  | 13 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#0   | 8.69  | 13 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#0   | 9.00  | 13 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 100RB#0 | 9.01  | 13 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 10.03 | 13 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#0   | 8.77  | 13 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#0   | 9.27  | 13 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | 8.72  | 13 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 9.90  | 13 | PASS |





## Test Graphs

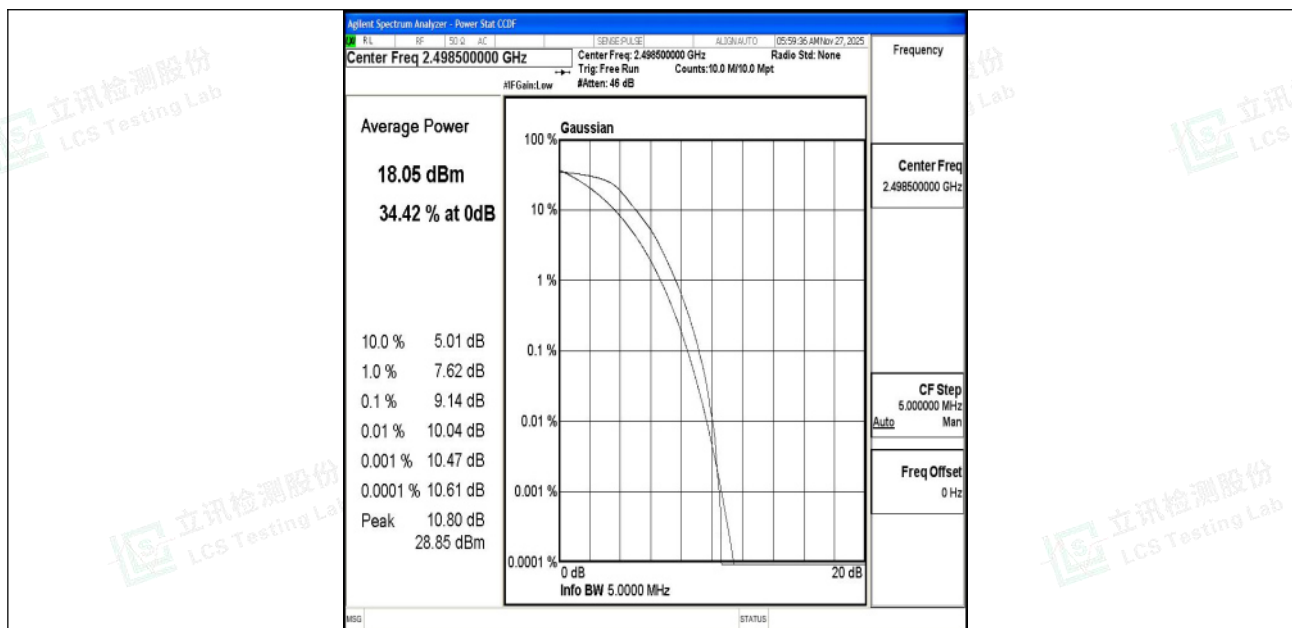


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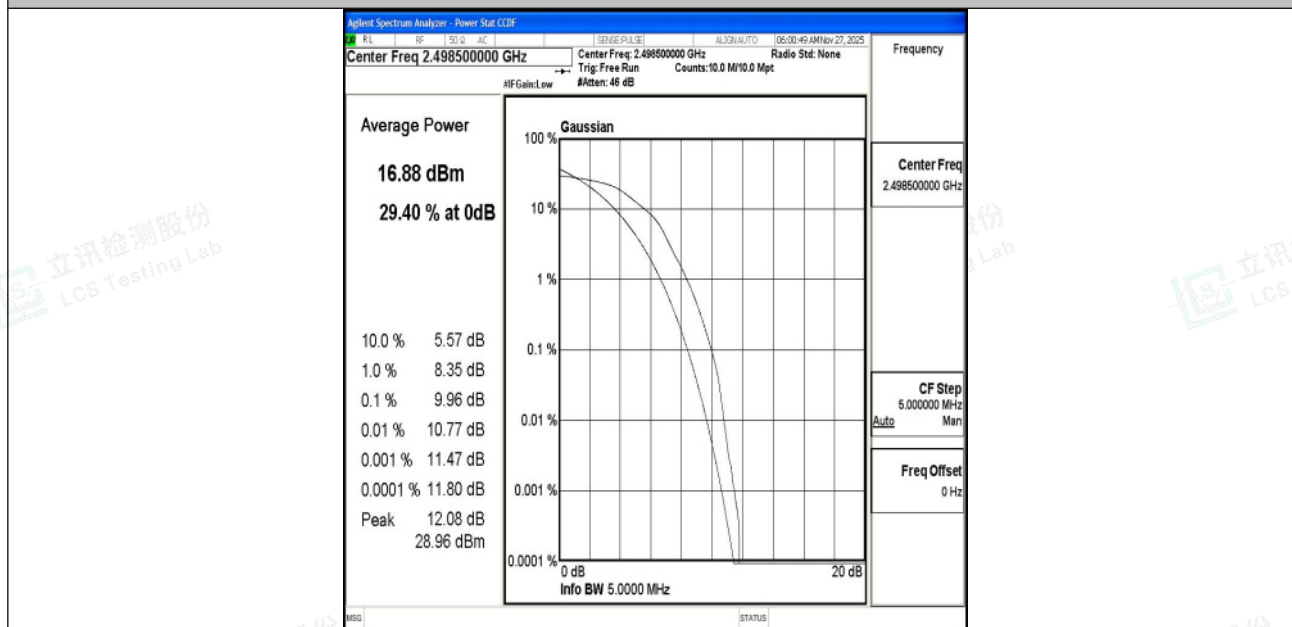
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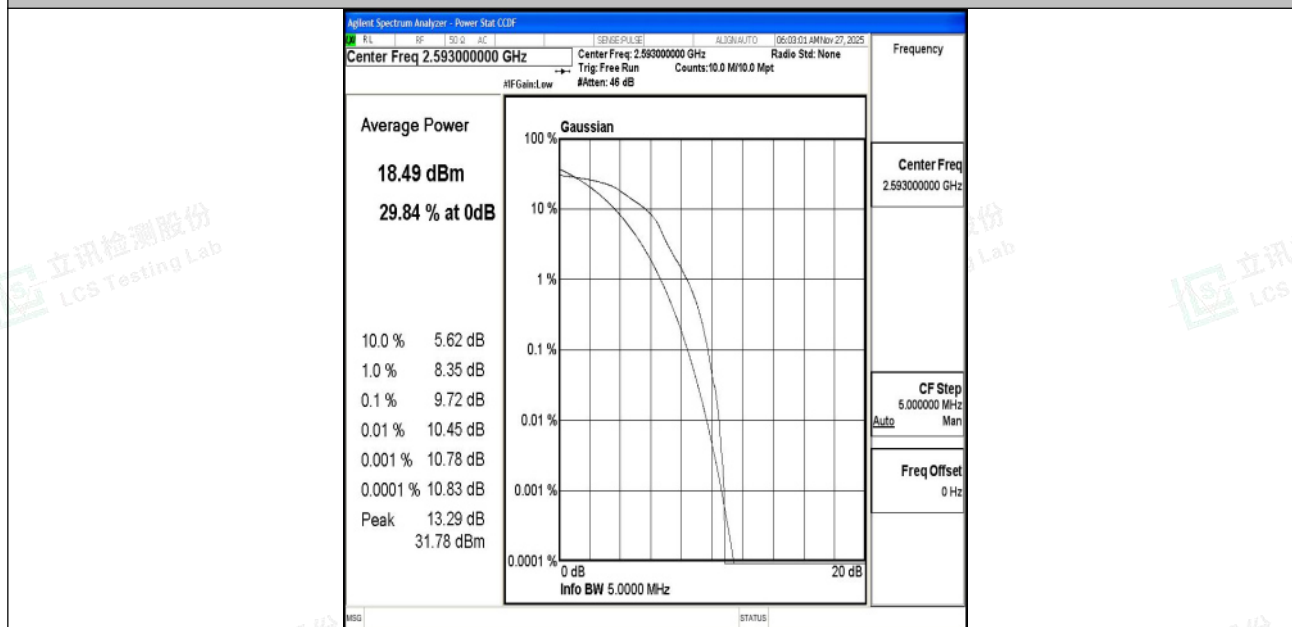
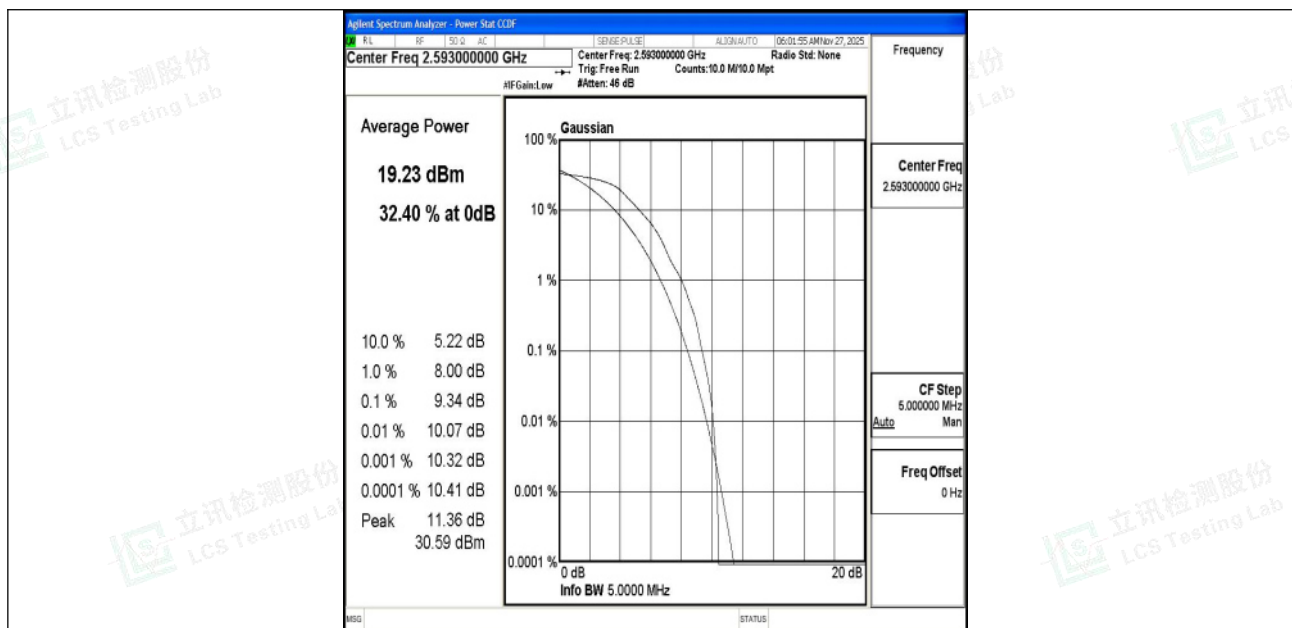


Band41-5MHz-QPSK-39675-25RB#0-PASS



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



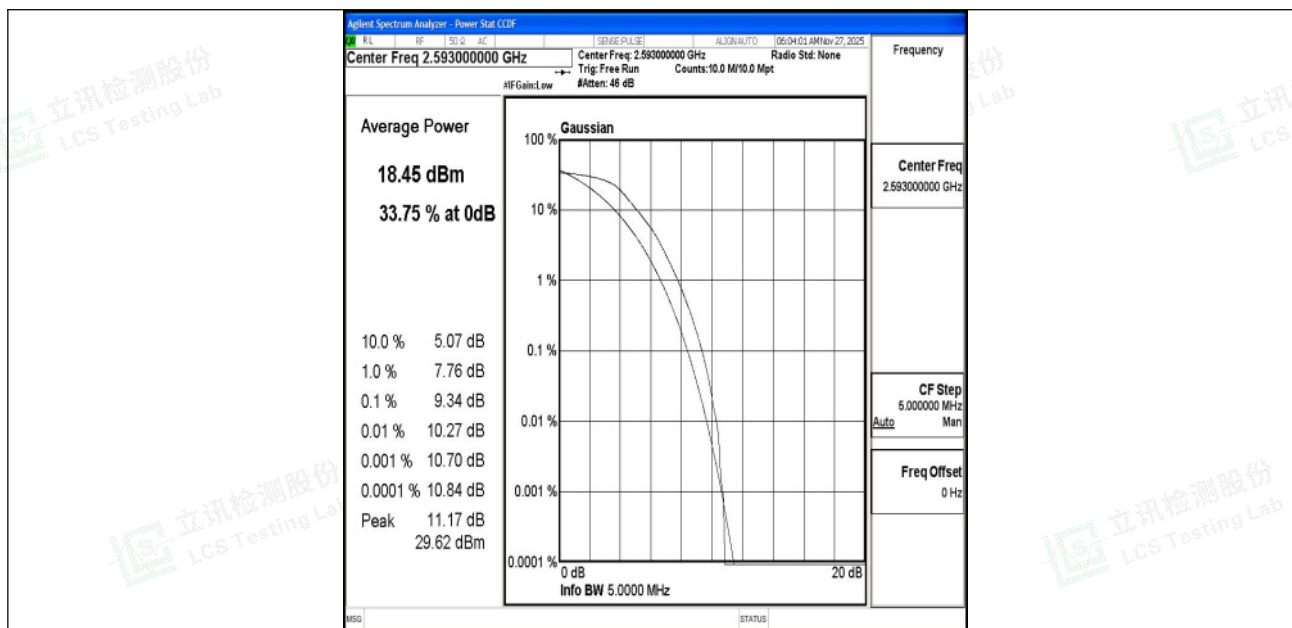


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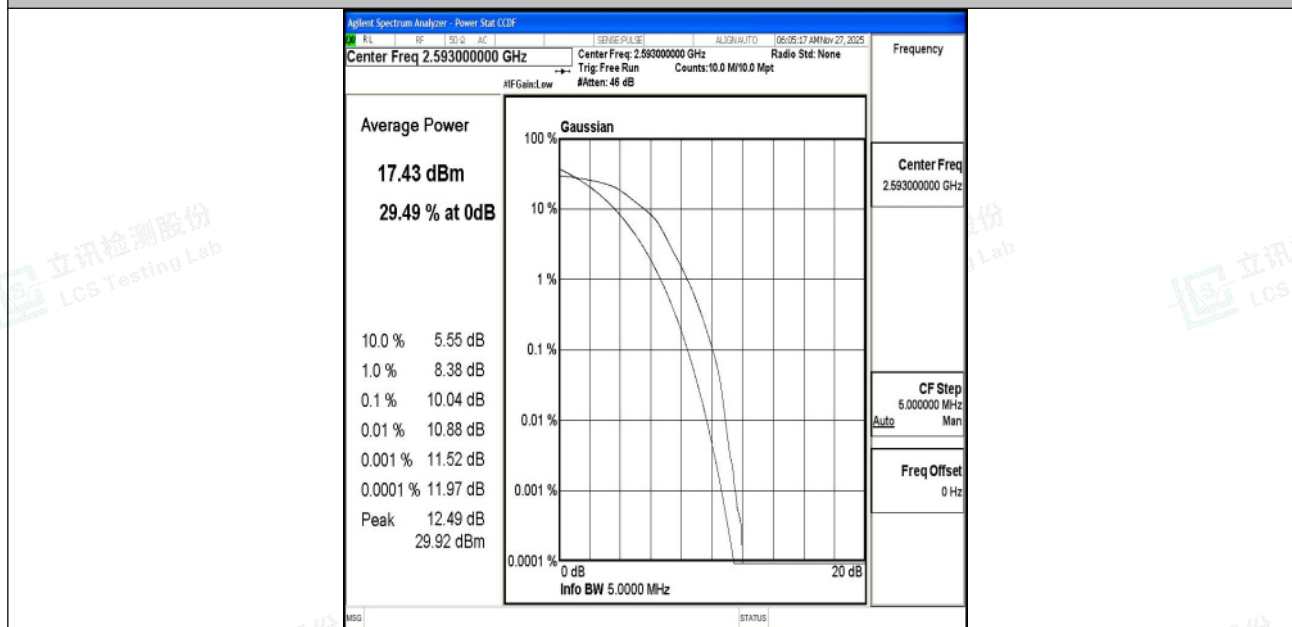
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Scan code to check authenticity

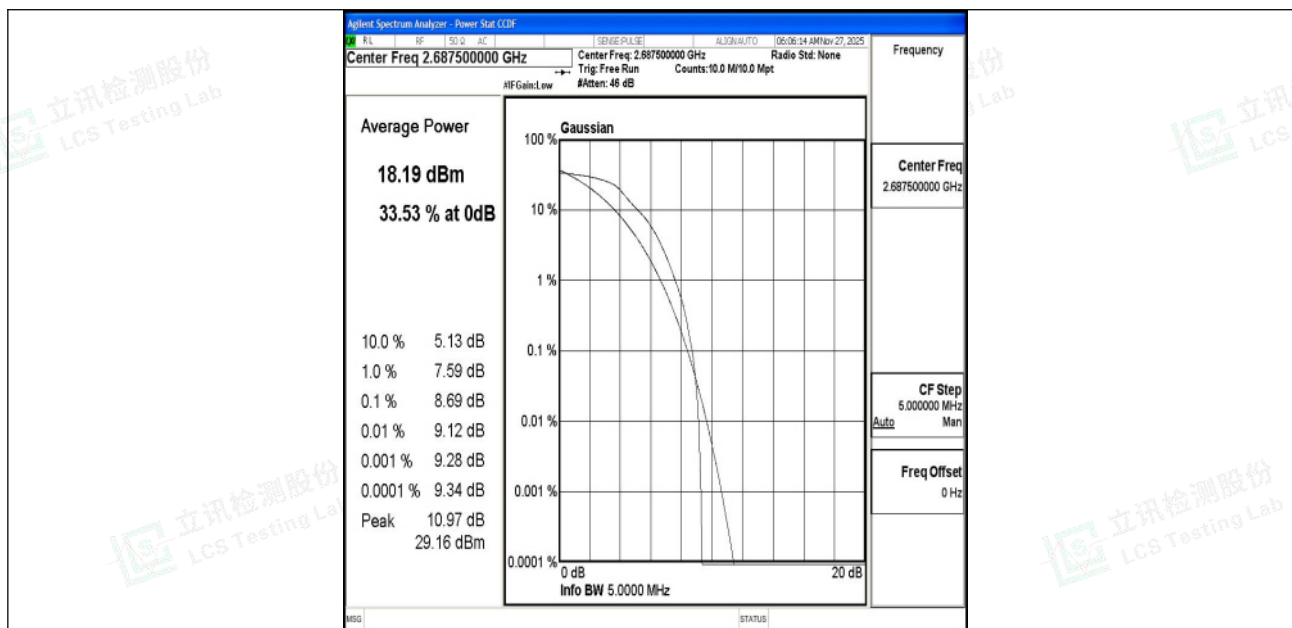


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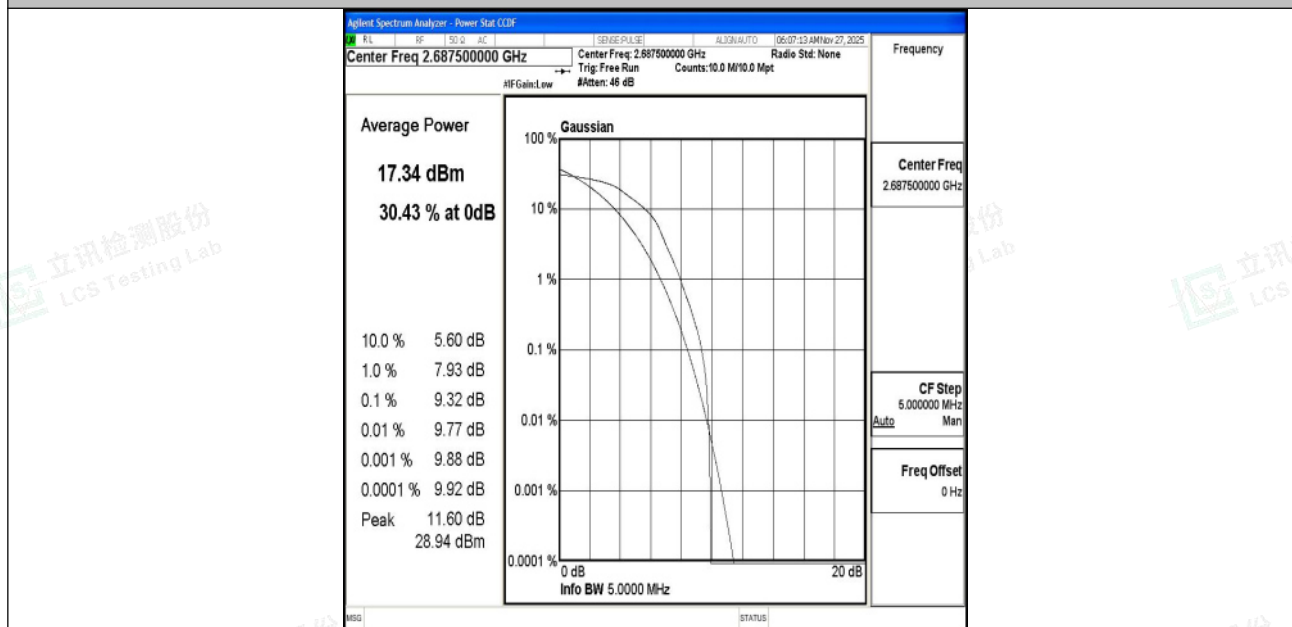


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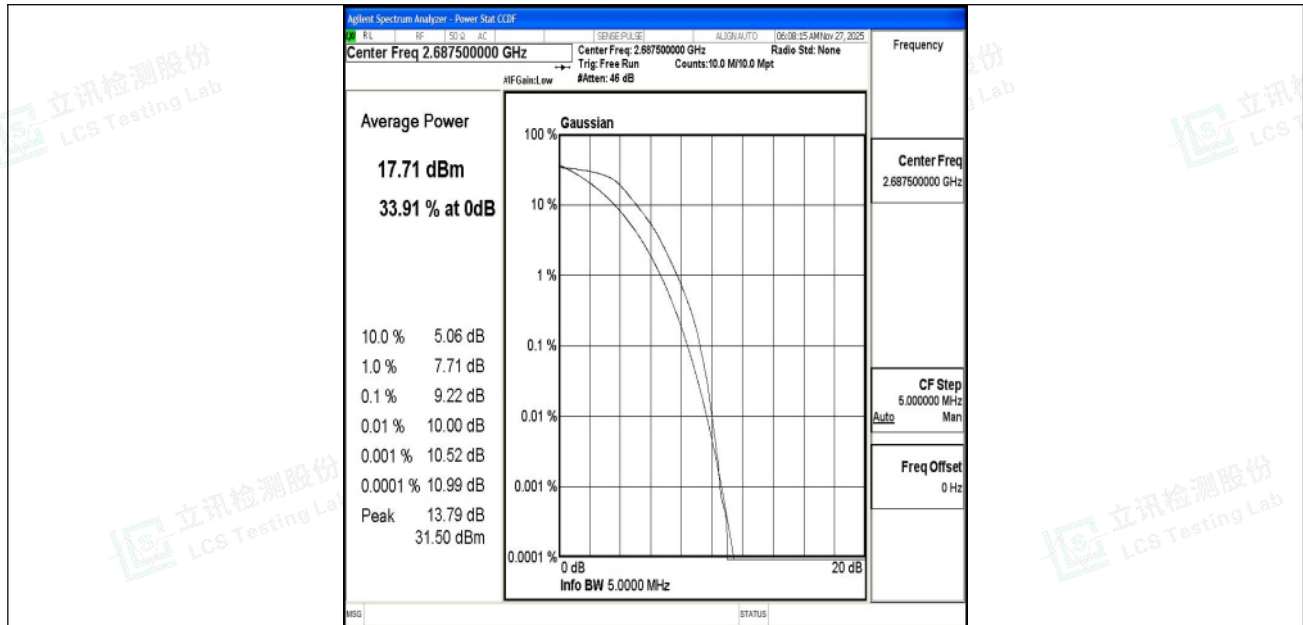


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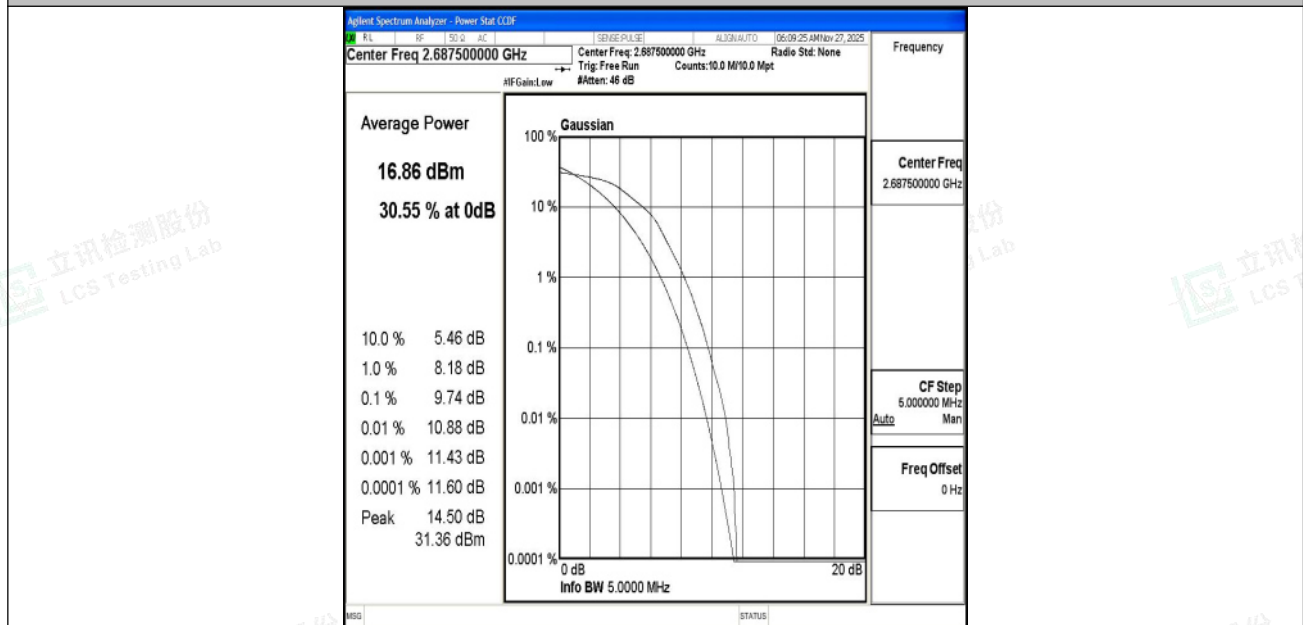


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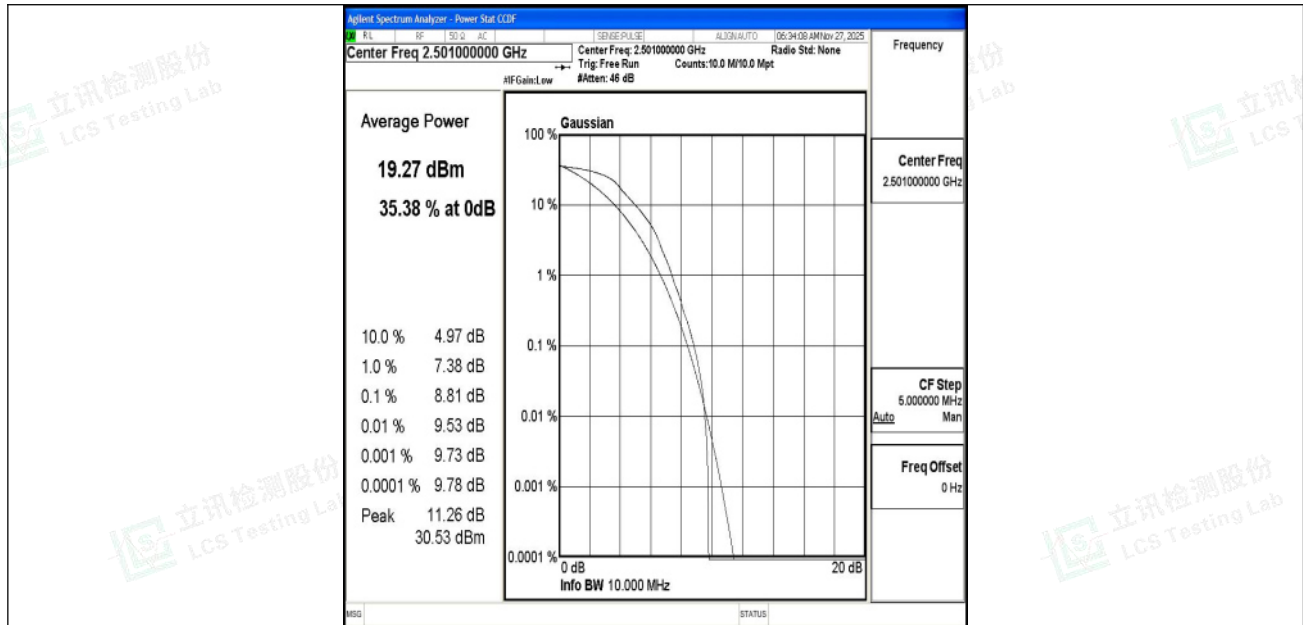


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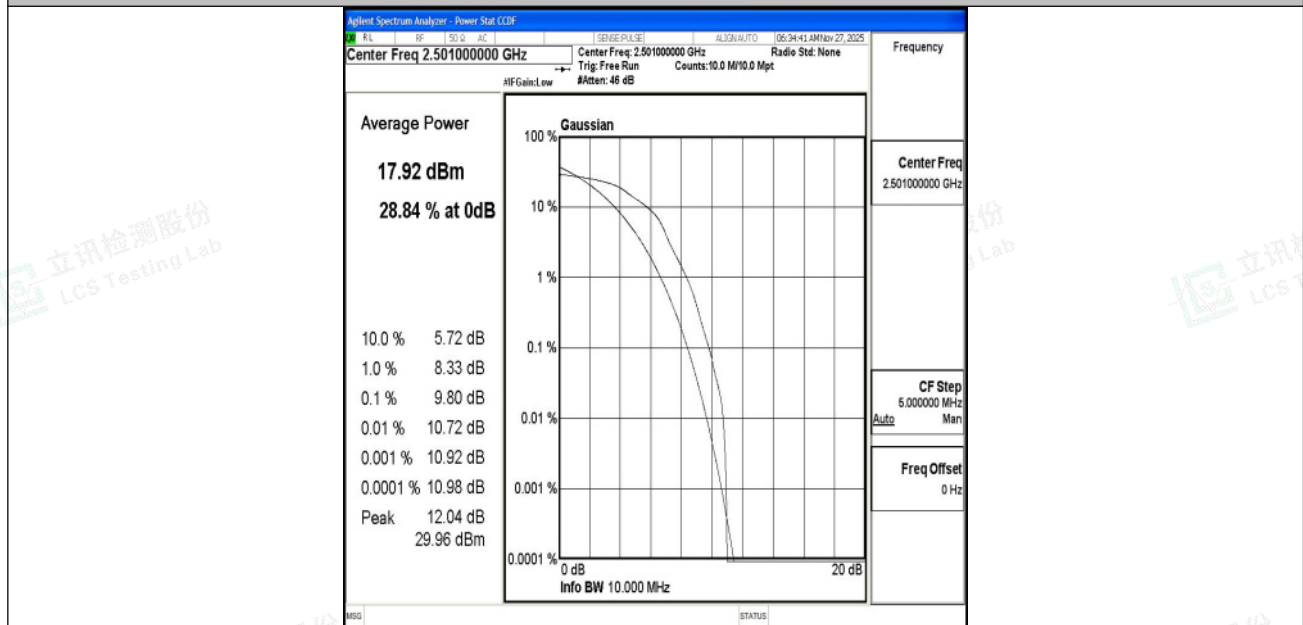


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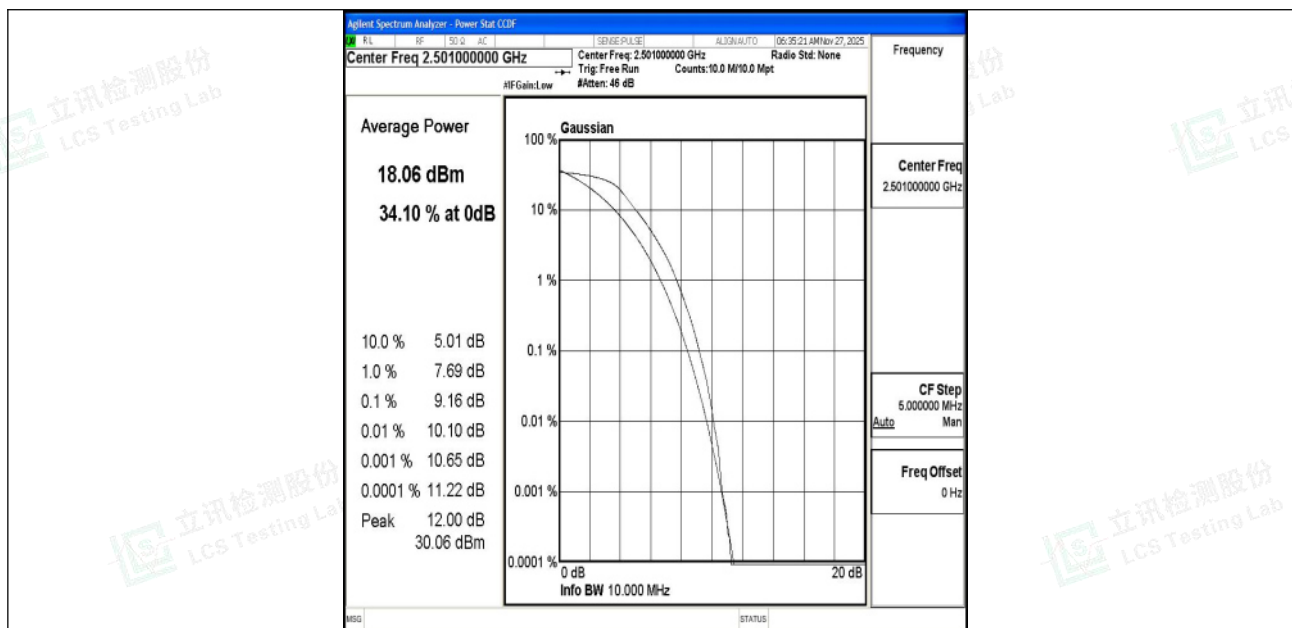


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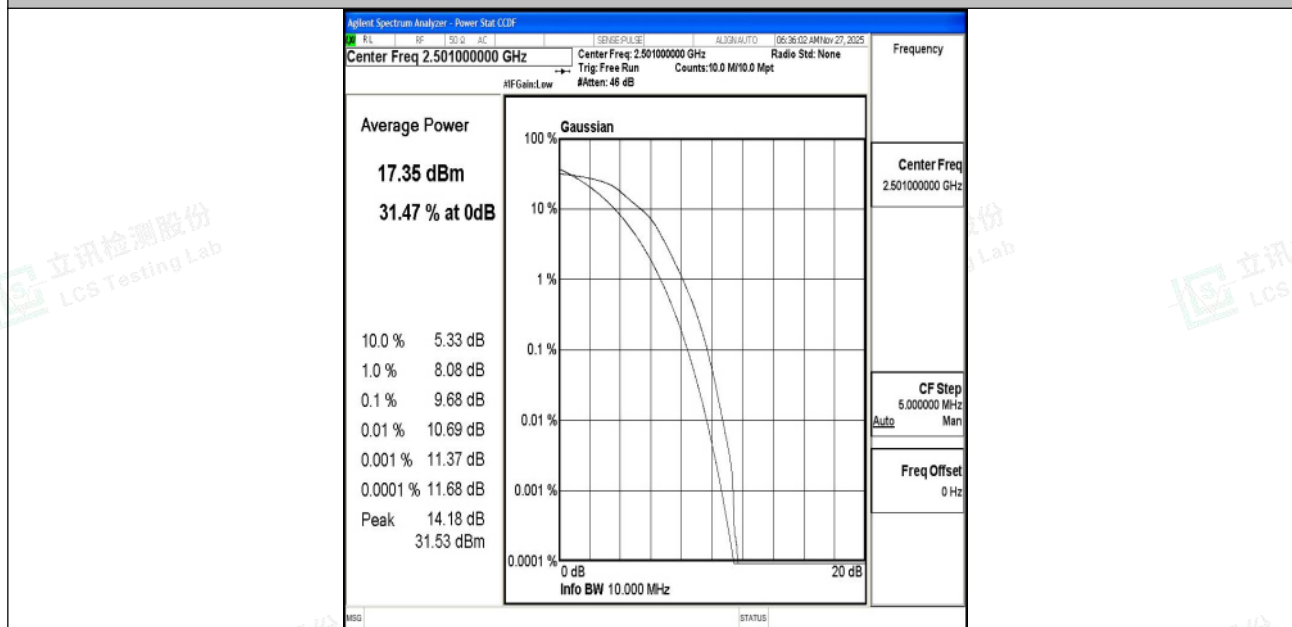


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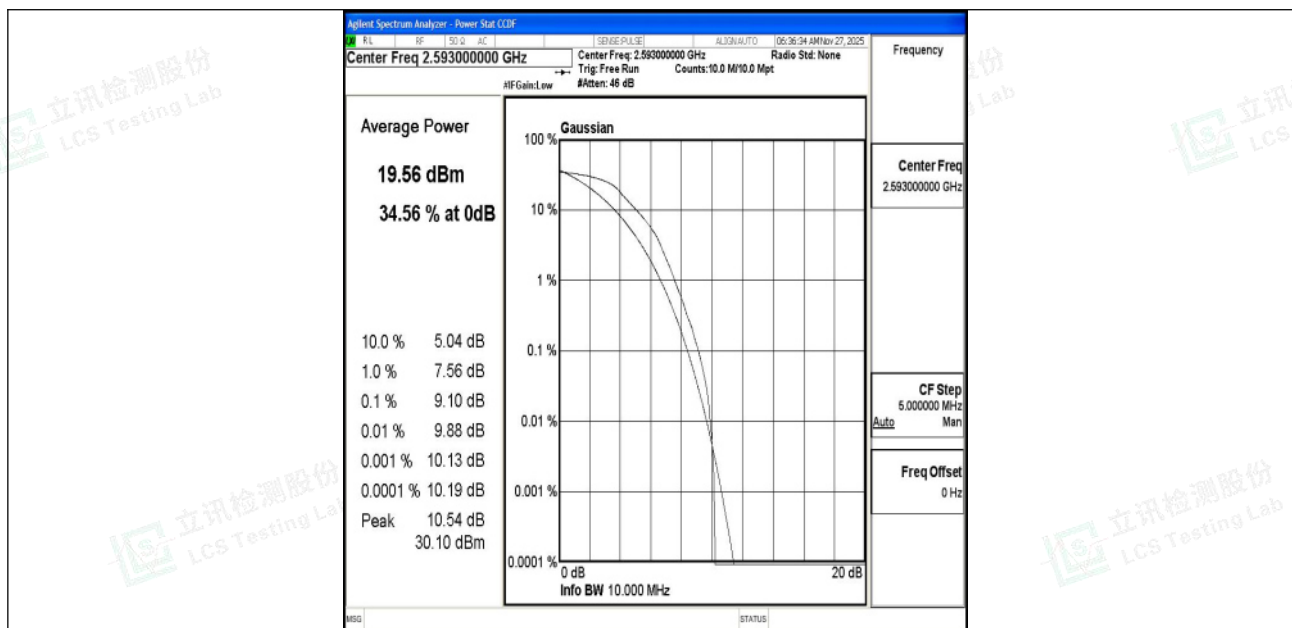


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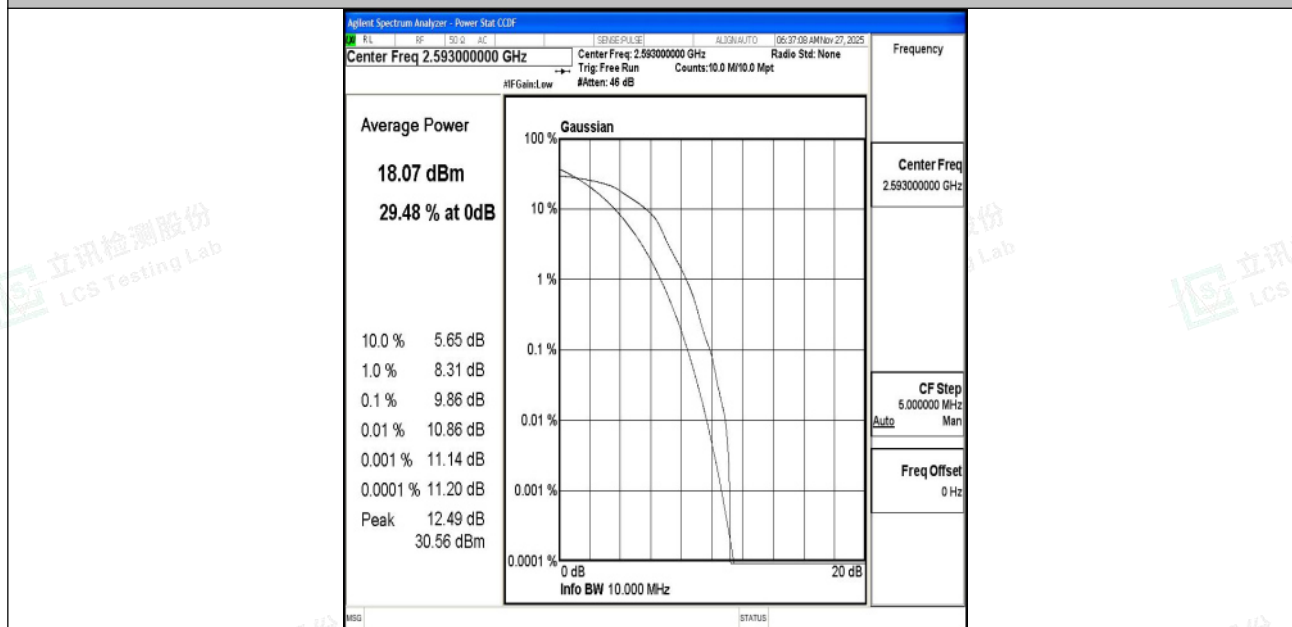


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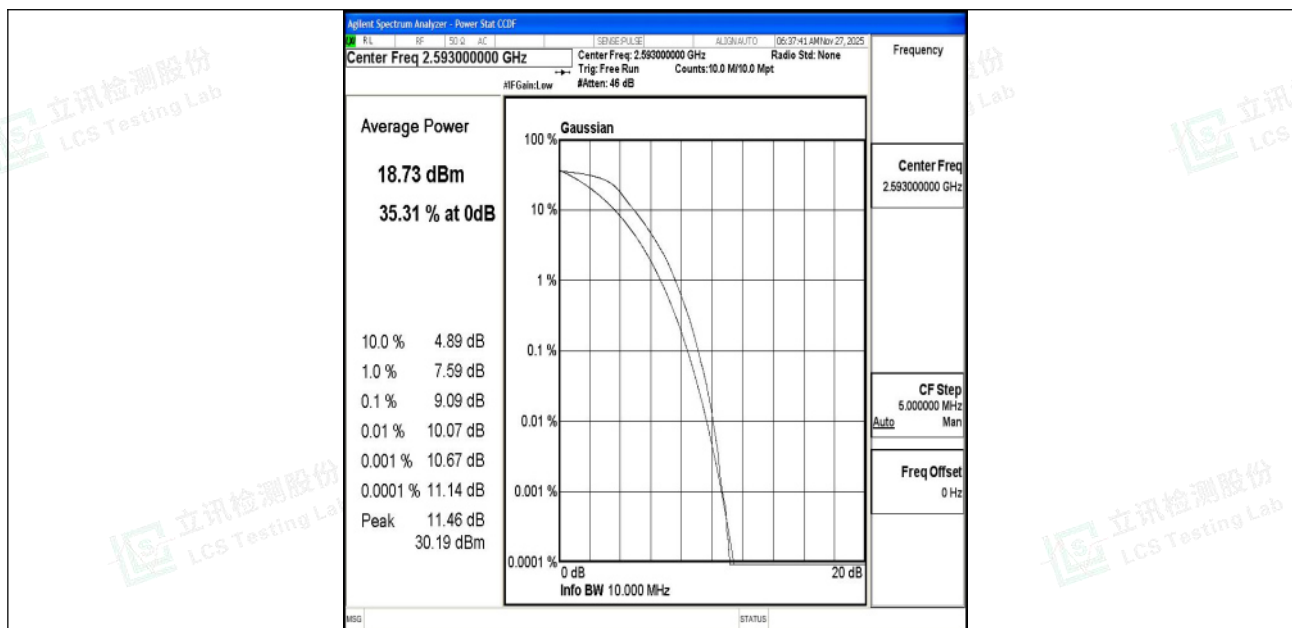


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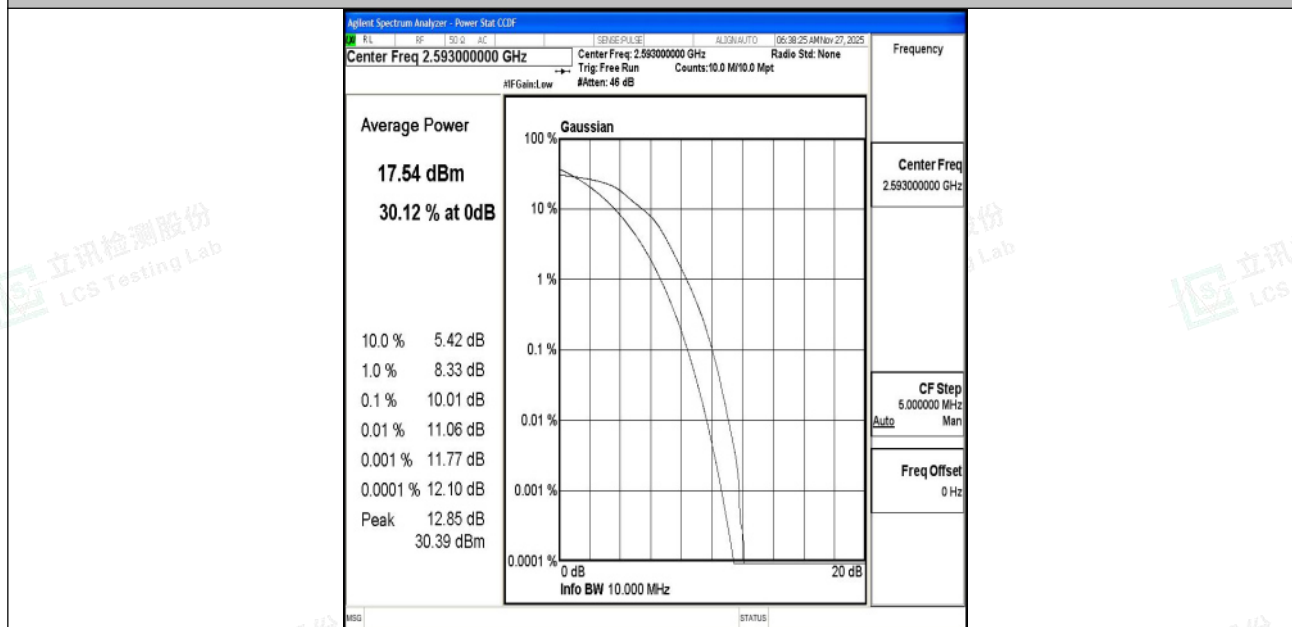


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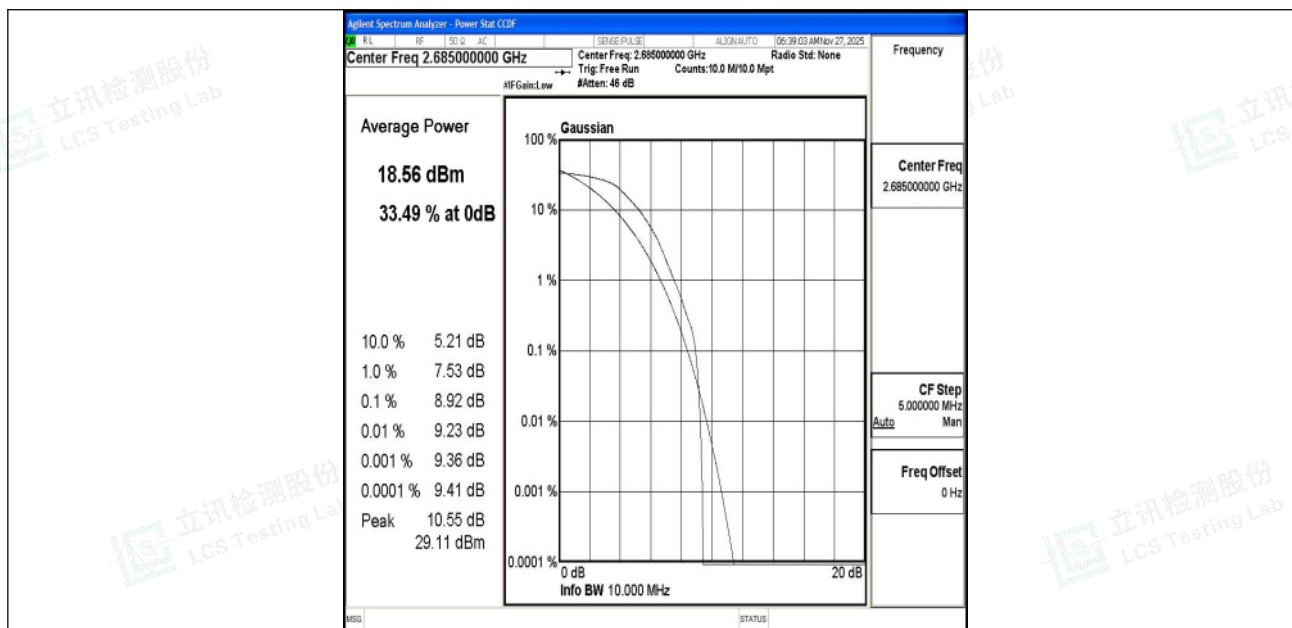


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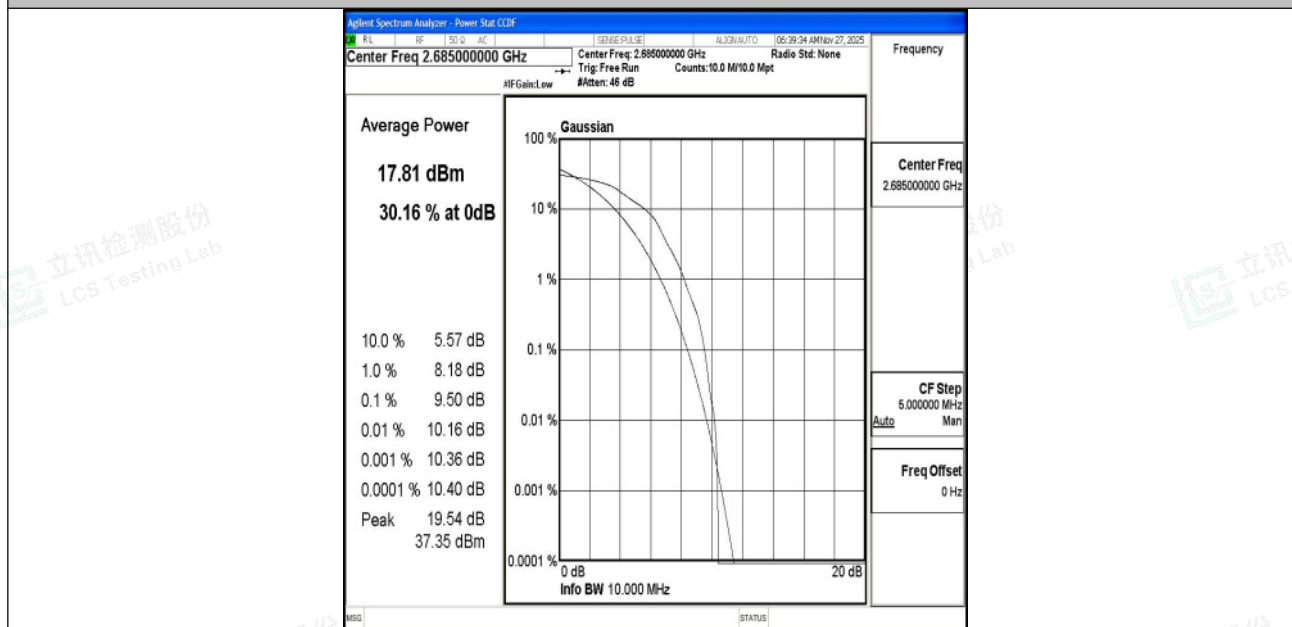


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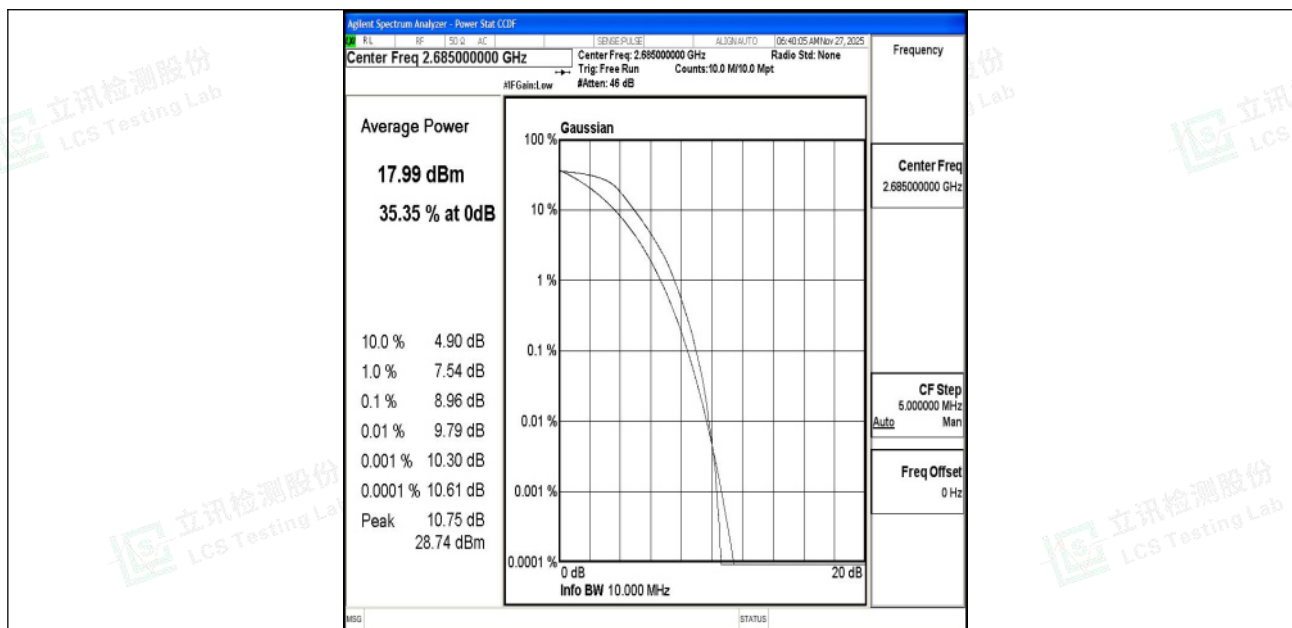


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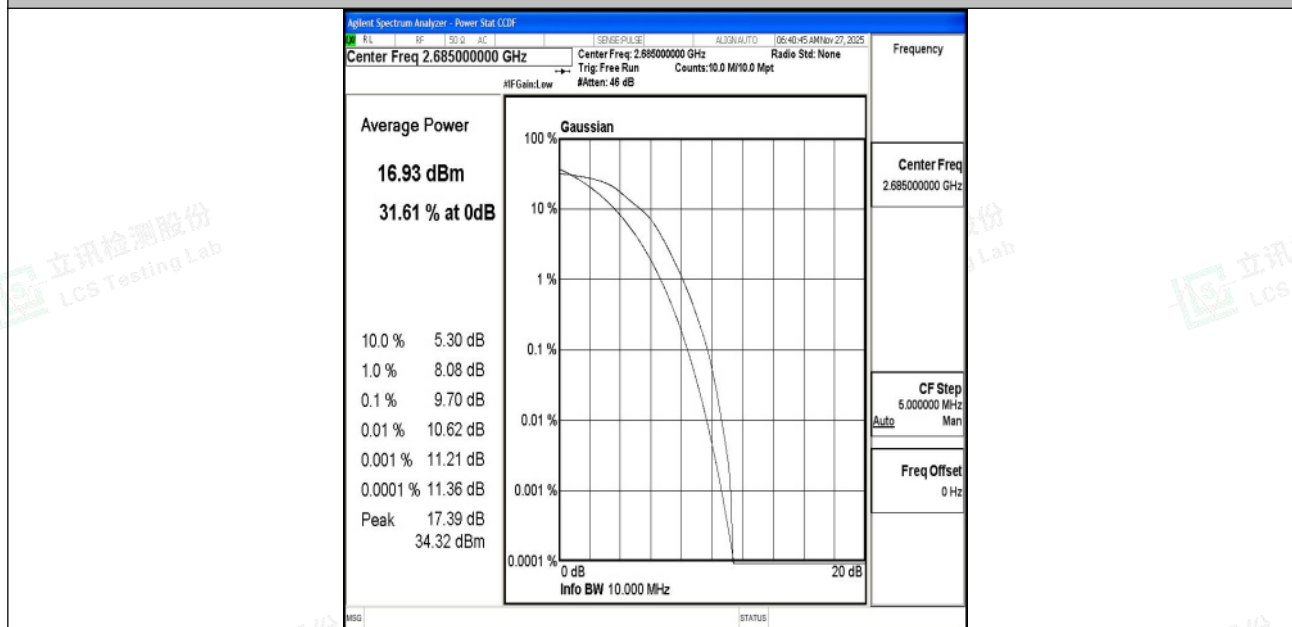


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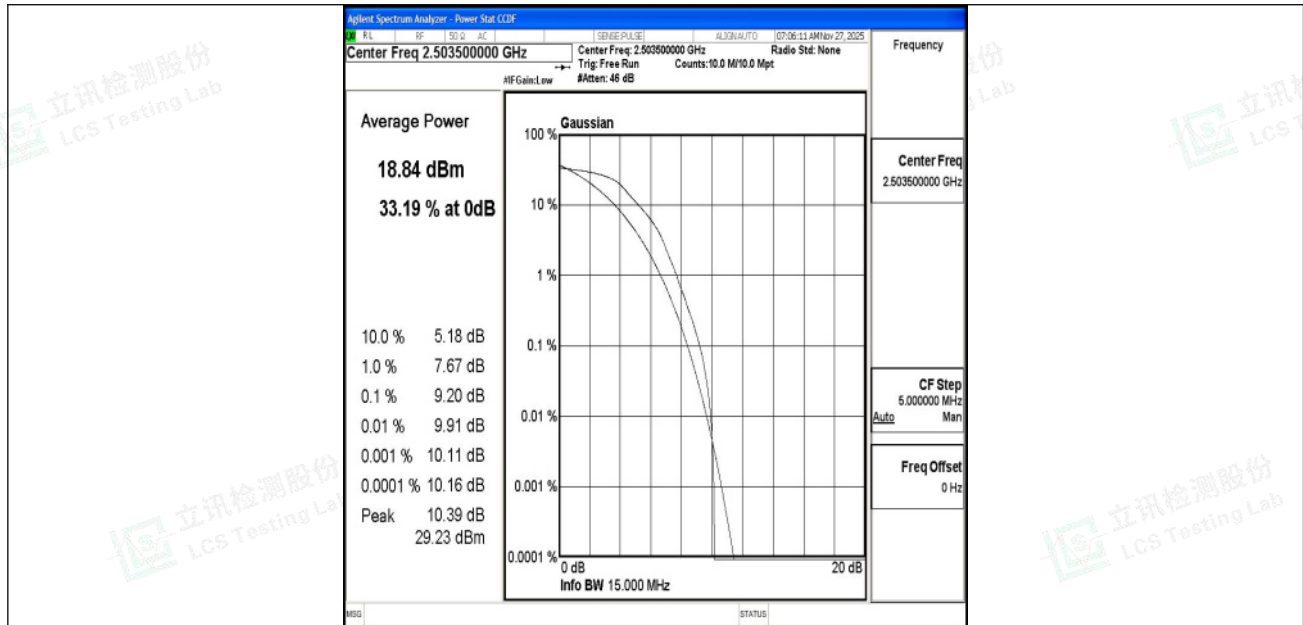


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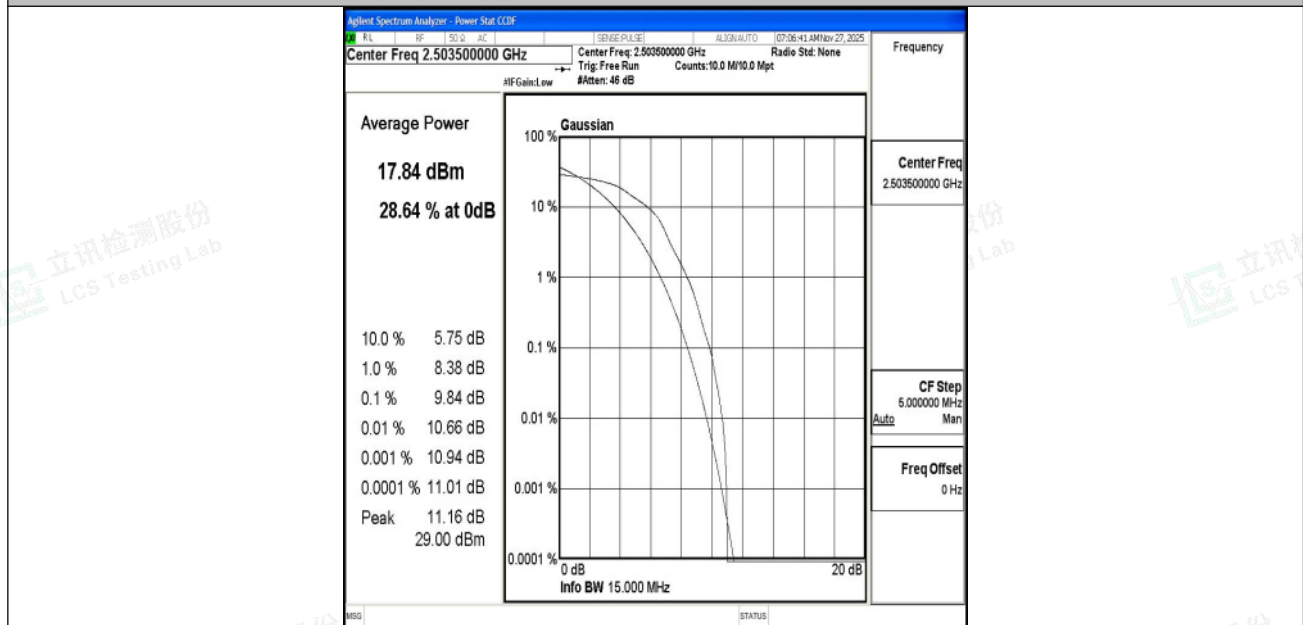


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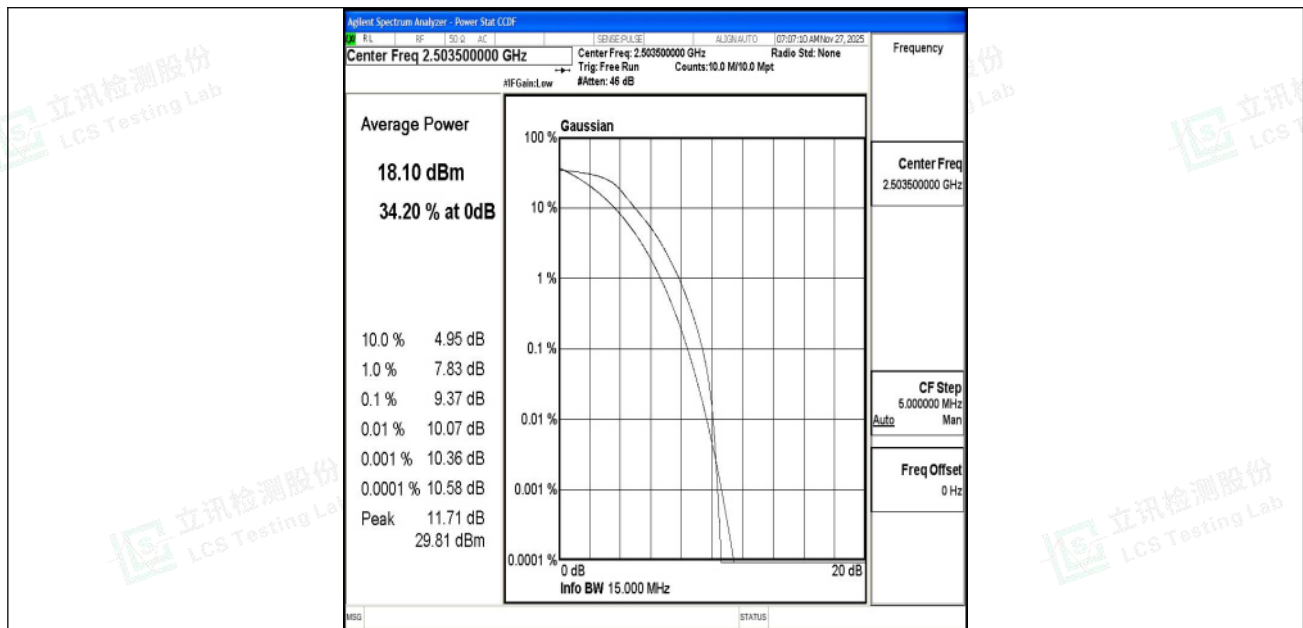


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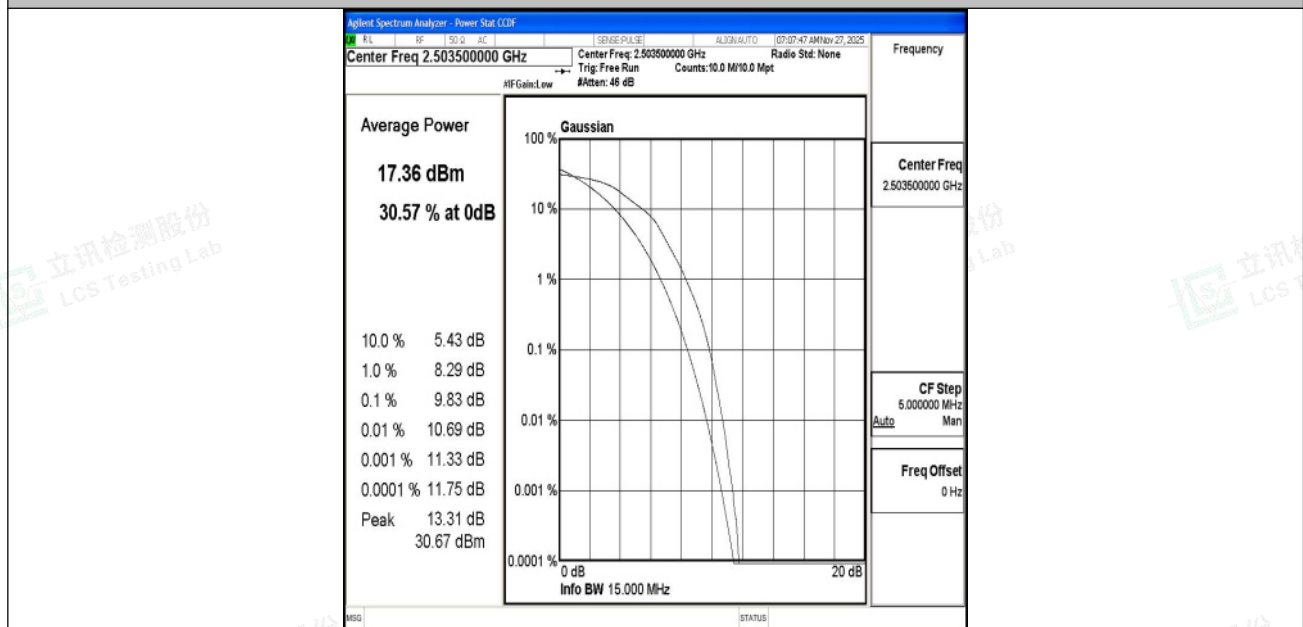


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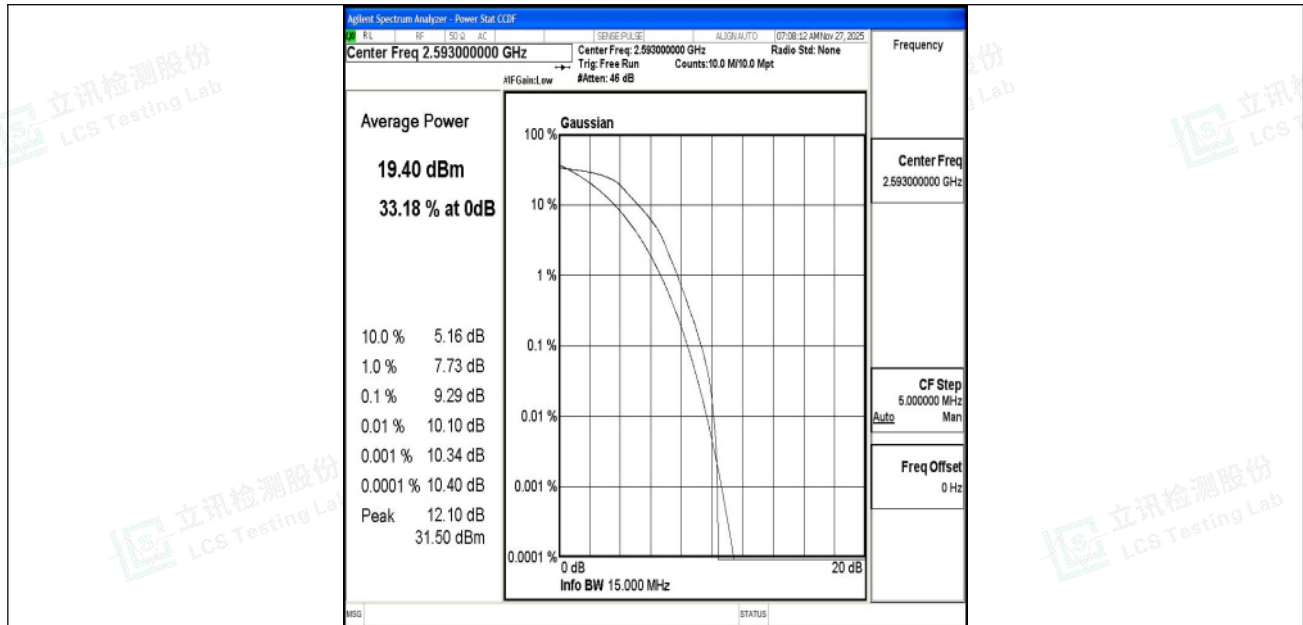


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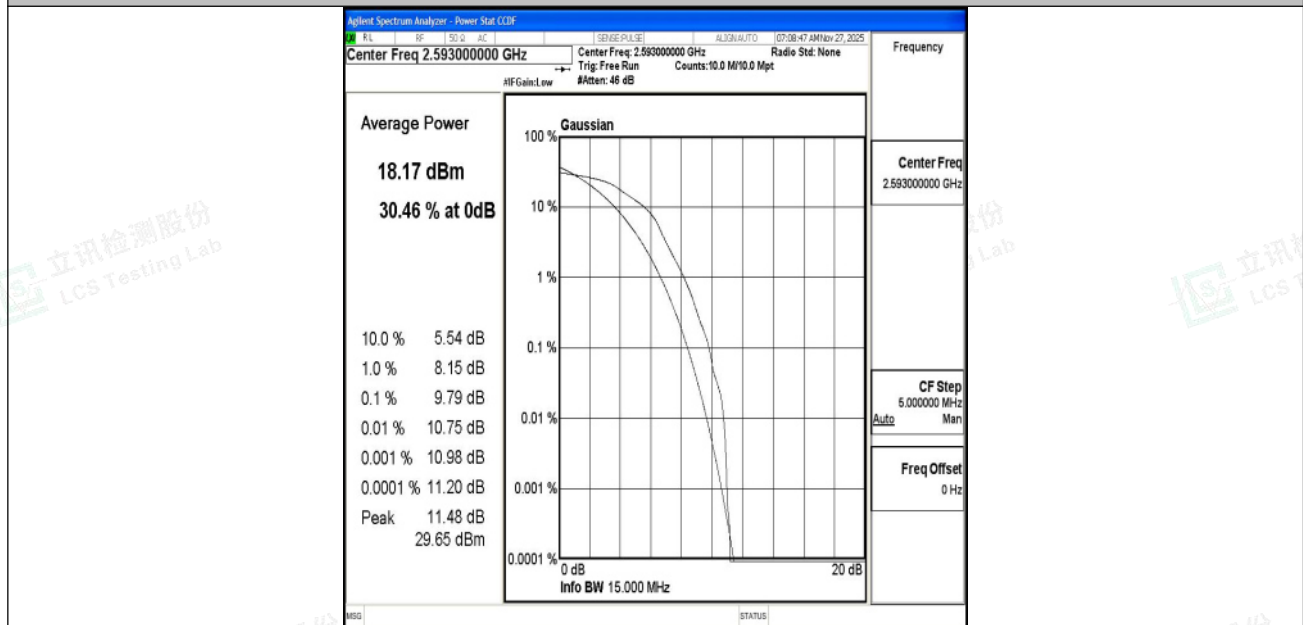


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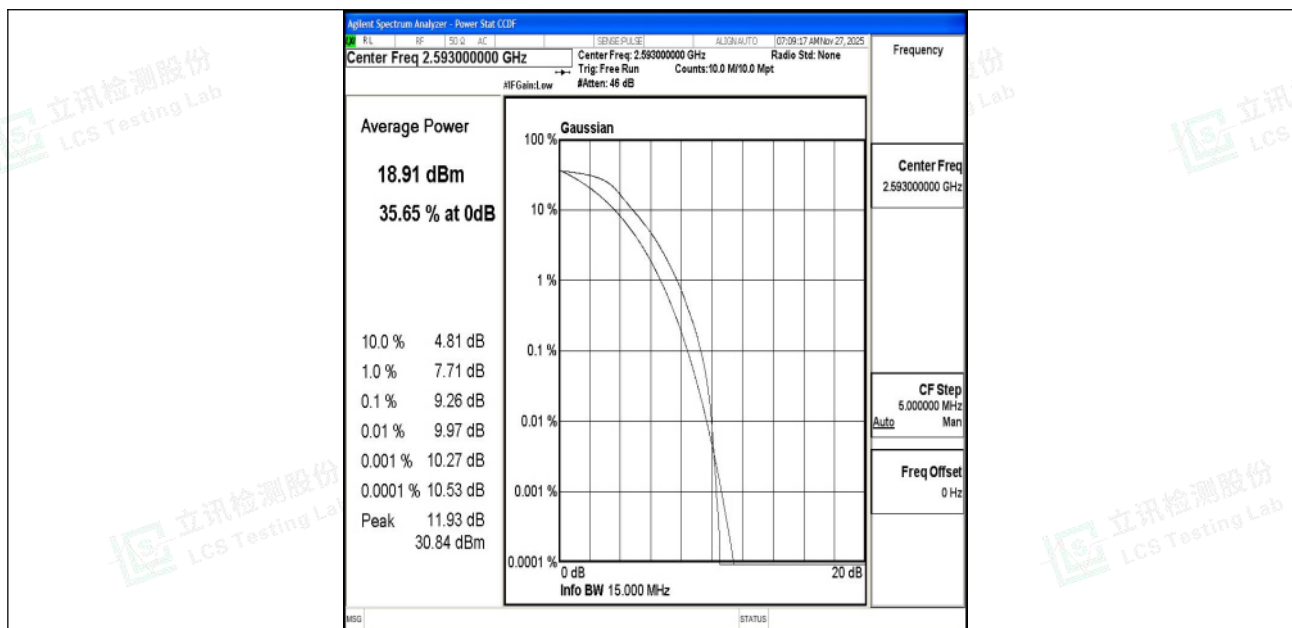


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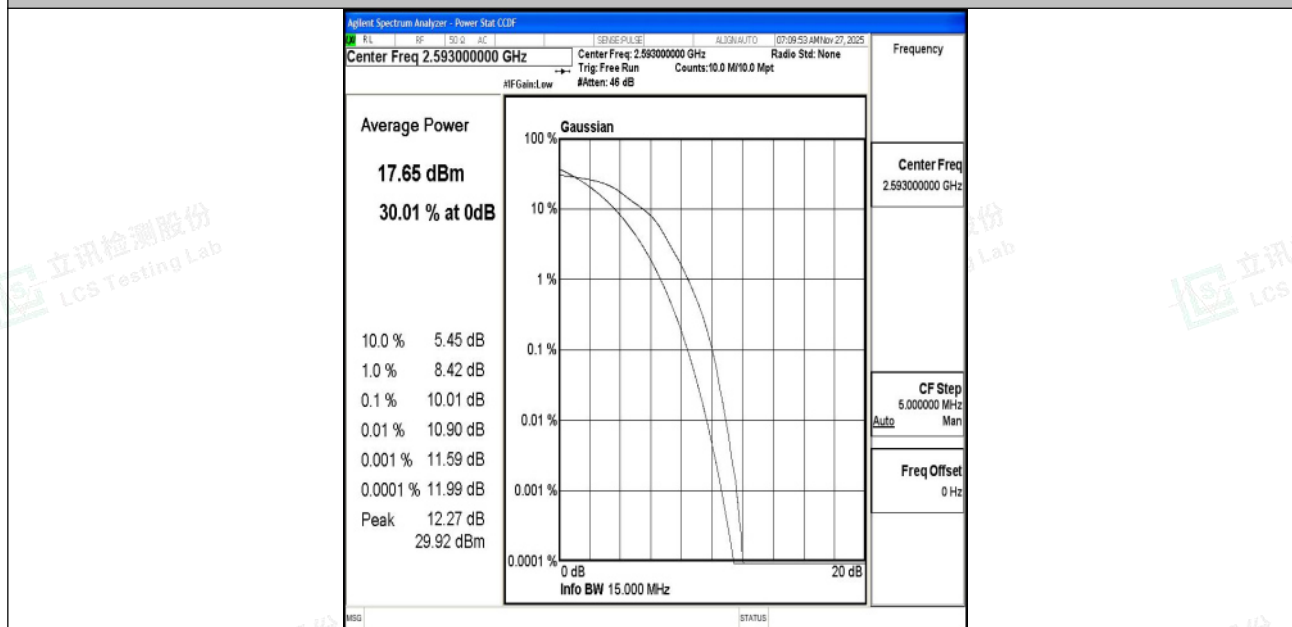


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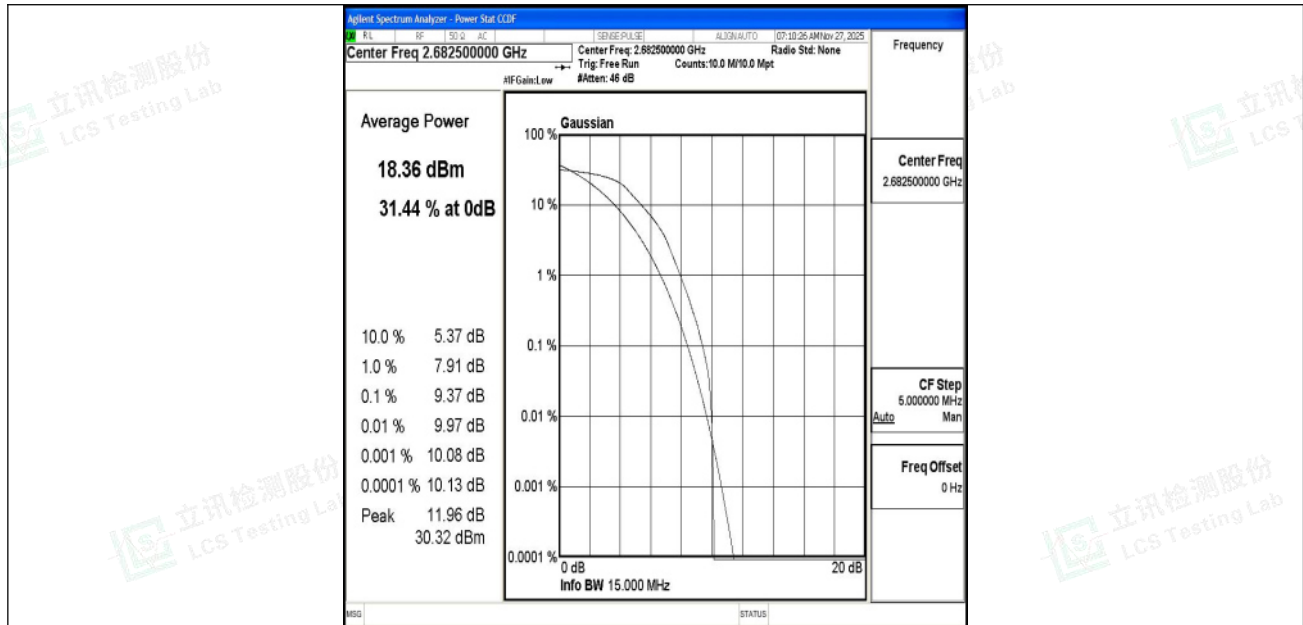


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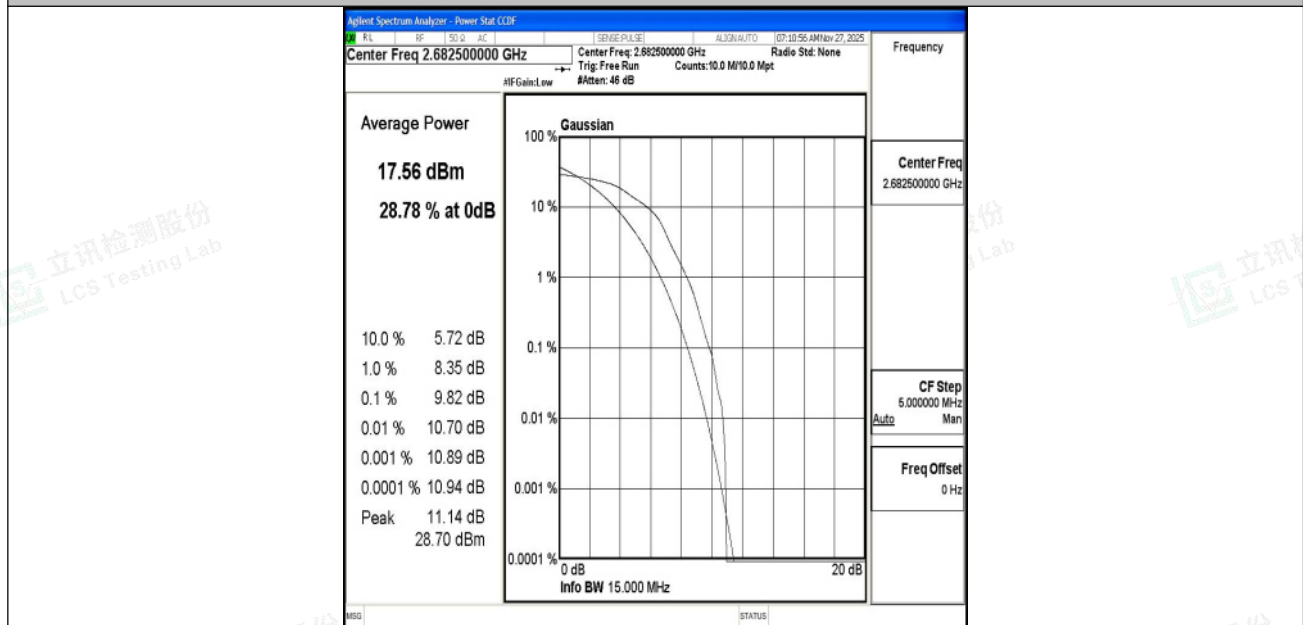


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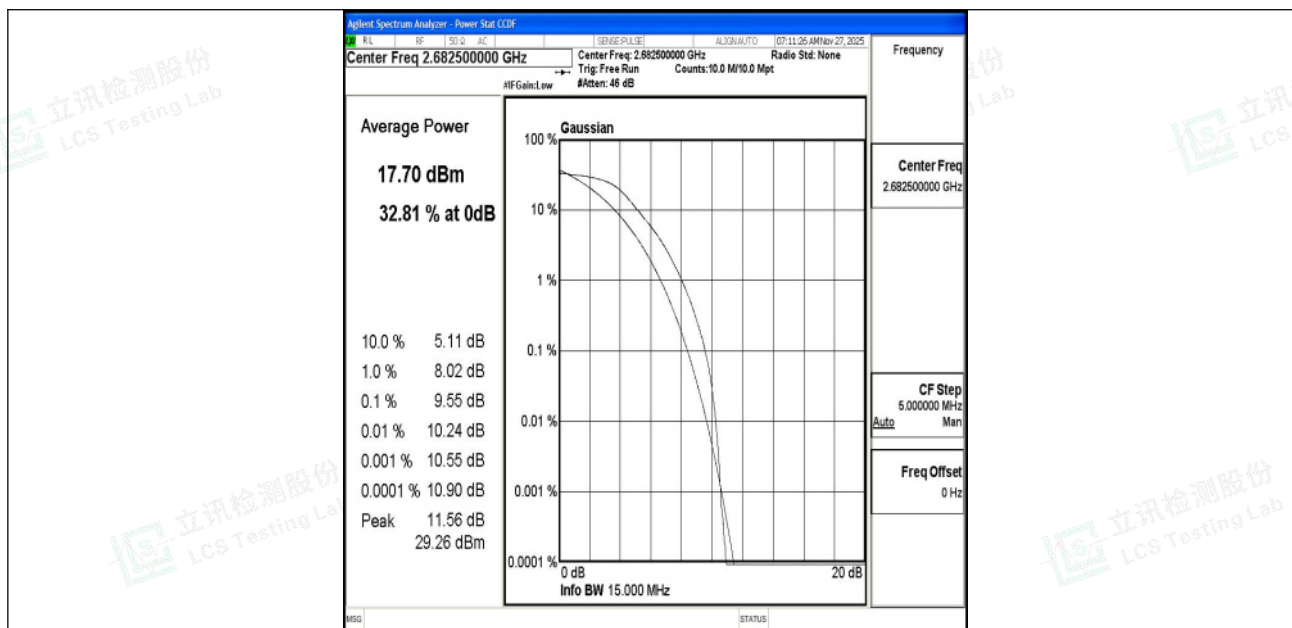


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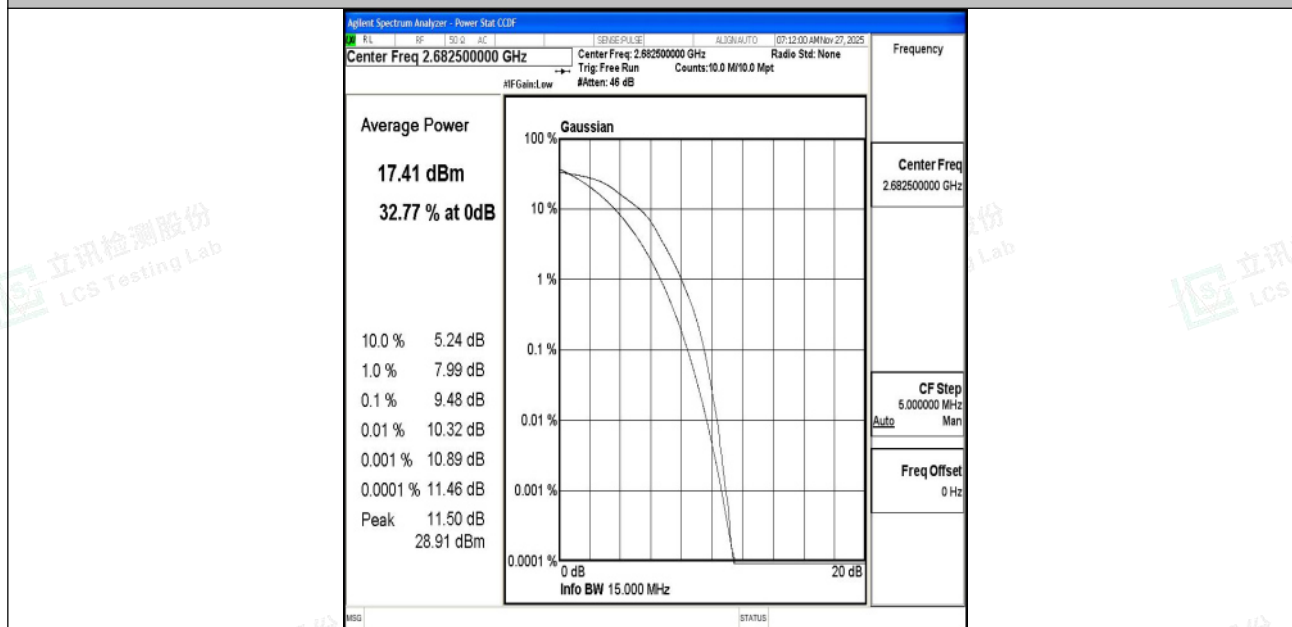


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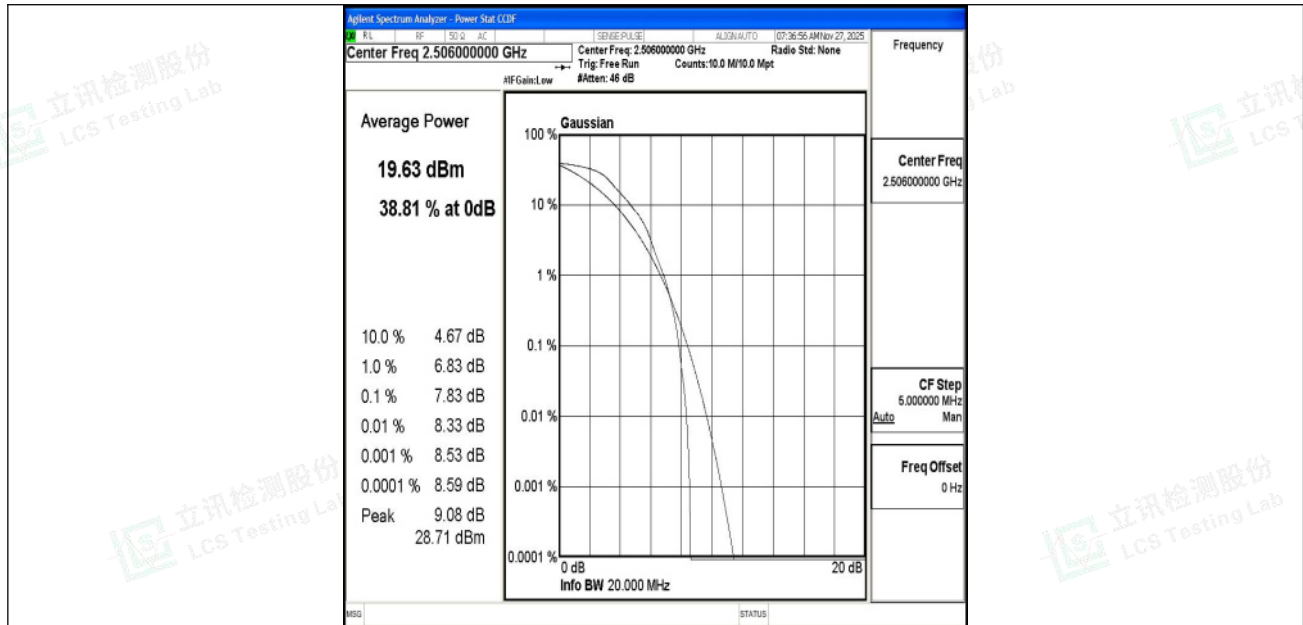


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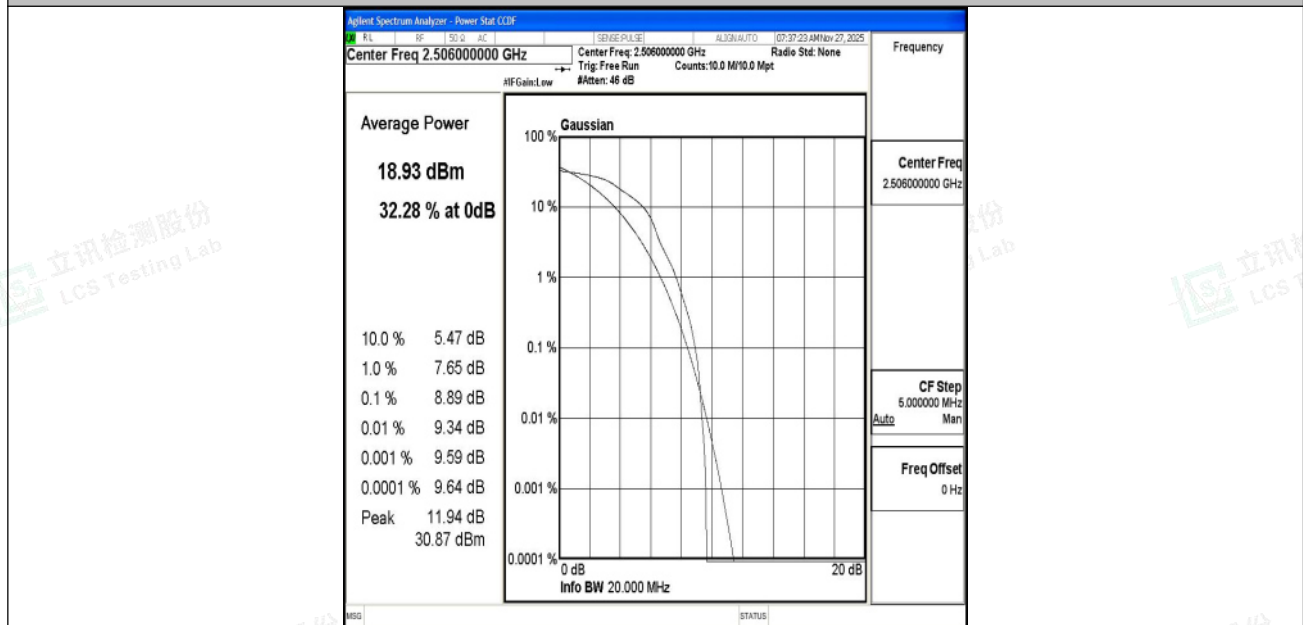


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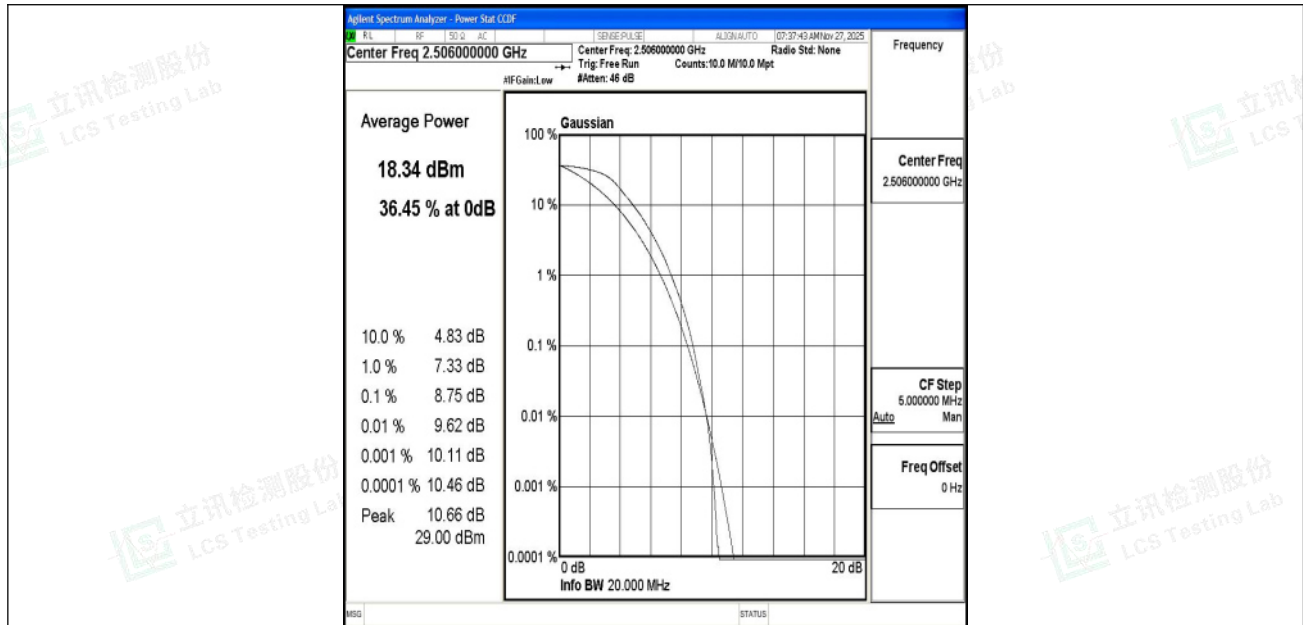


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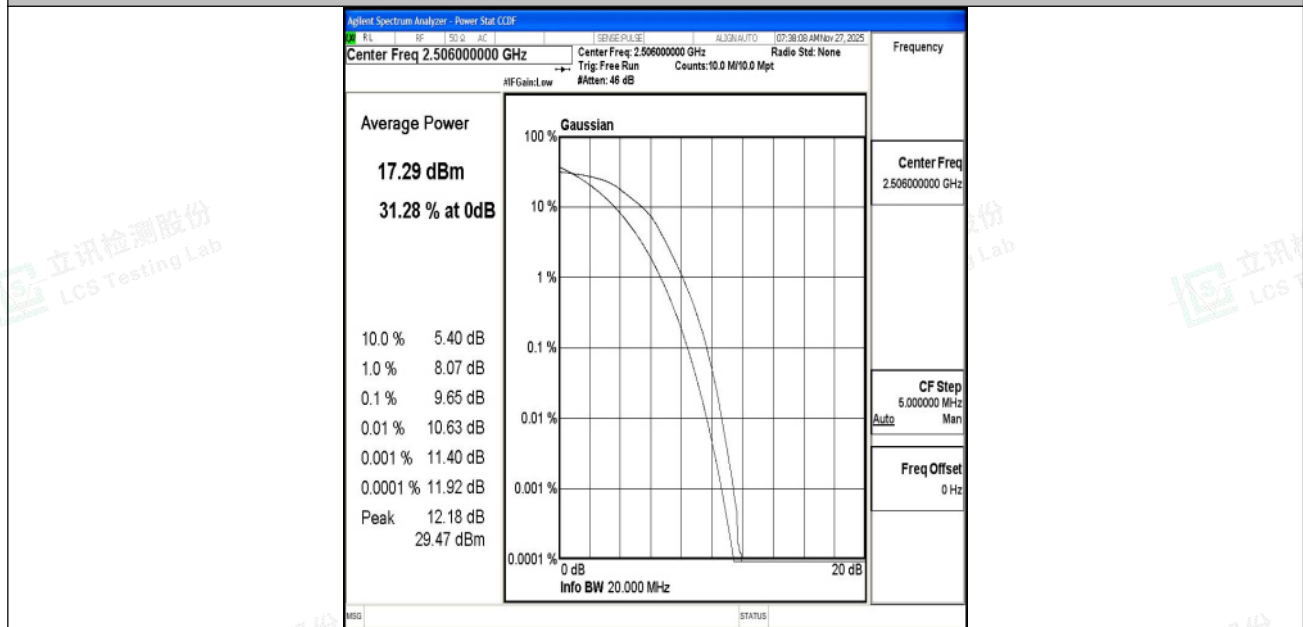


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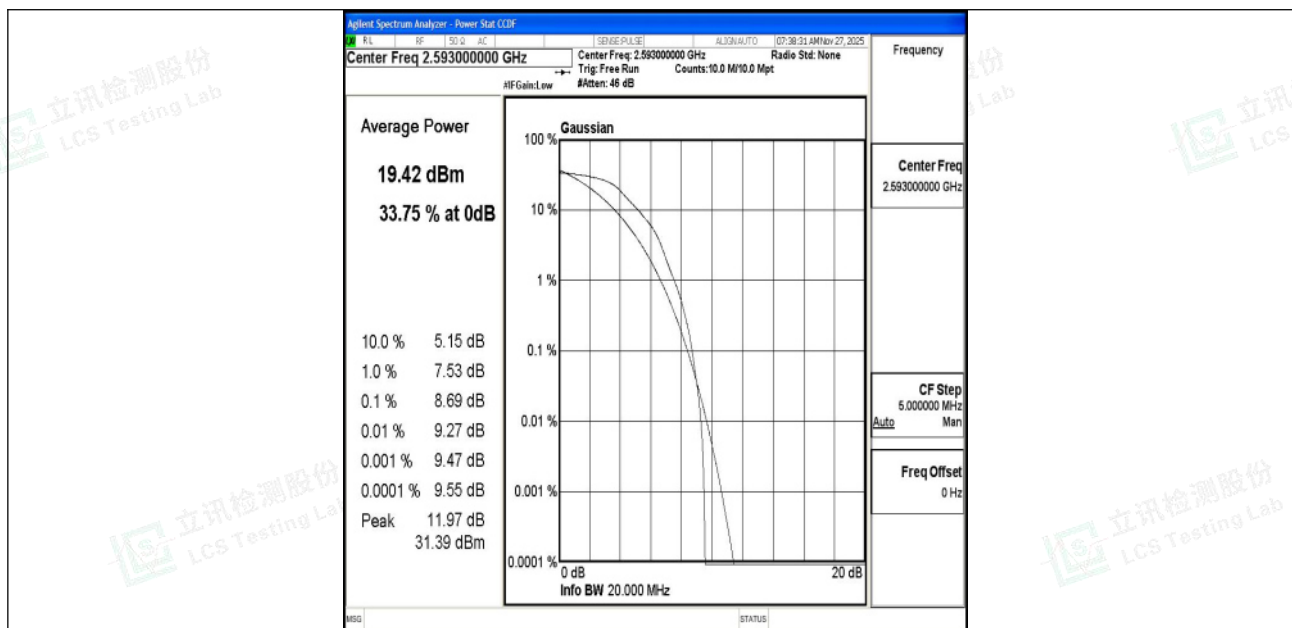


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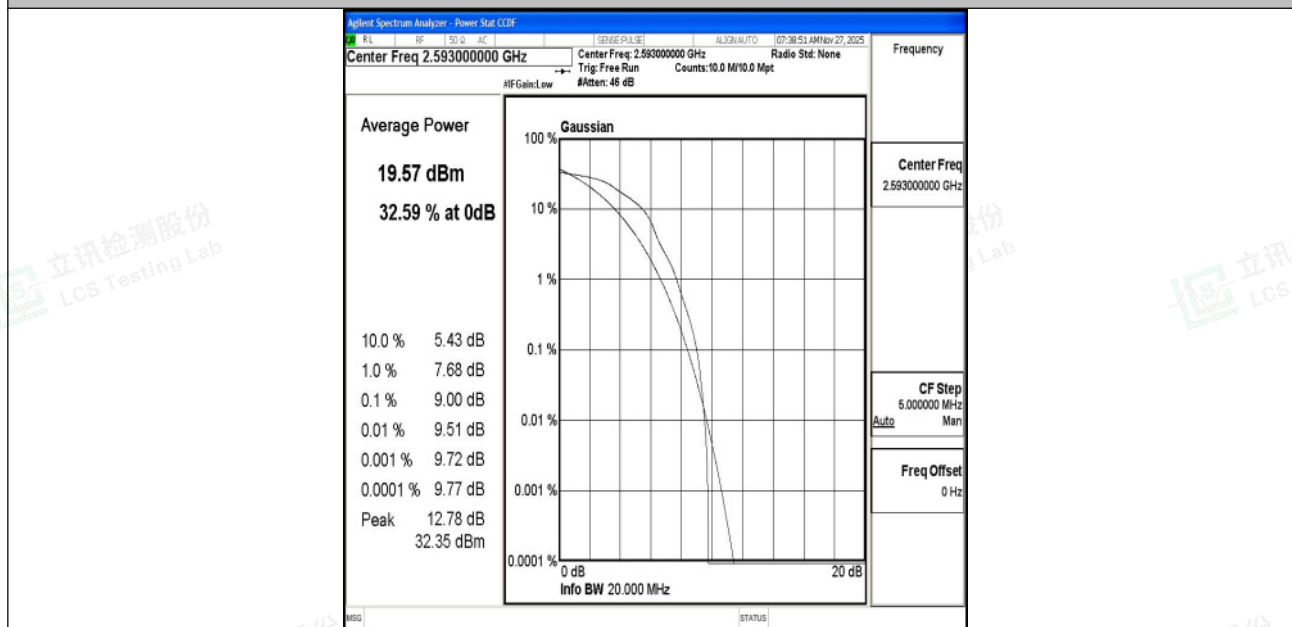


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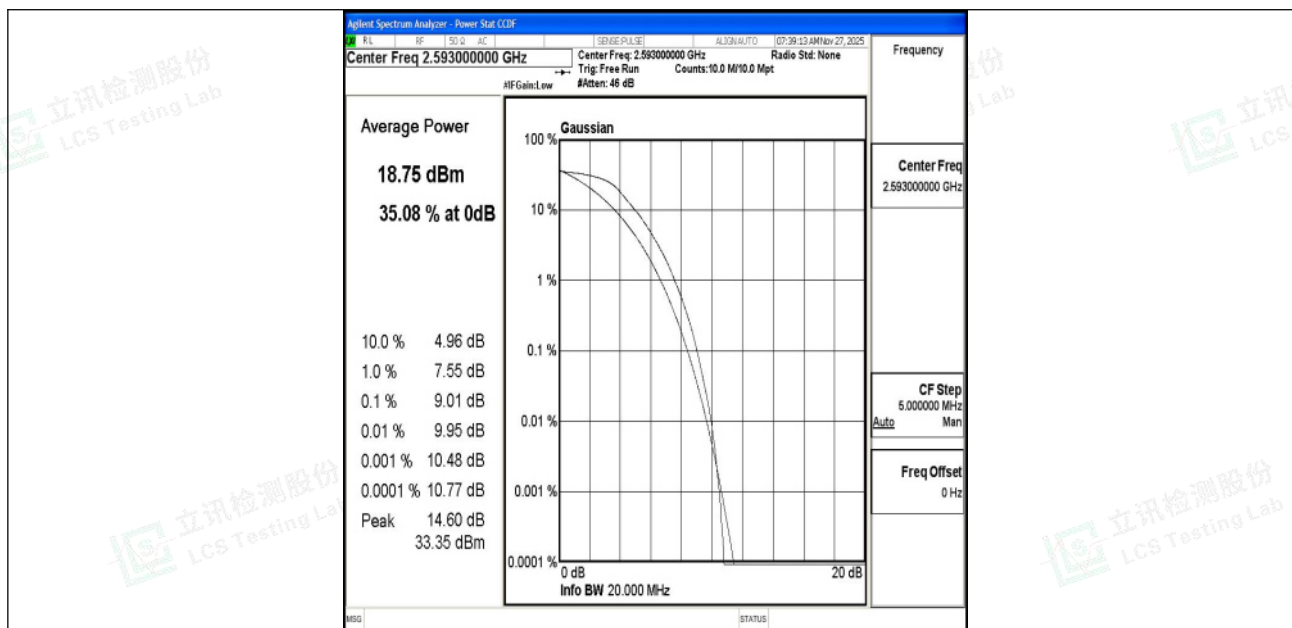


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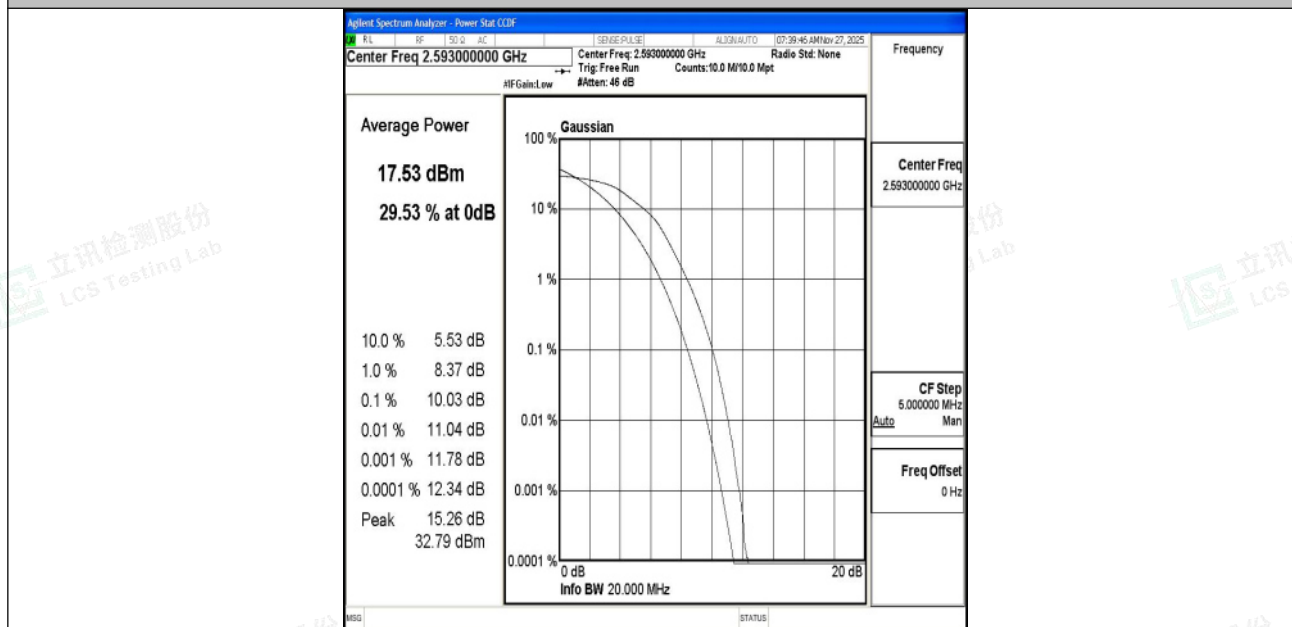


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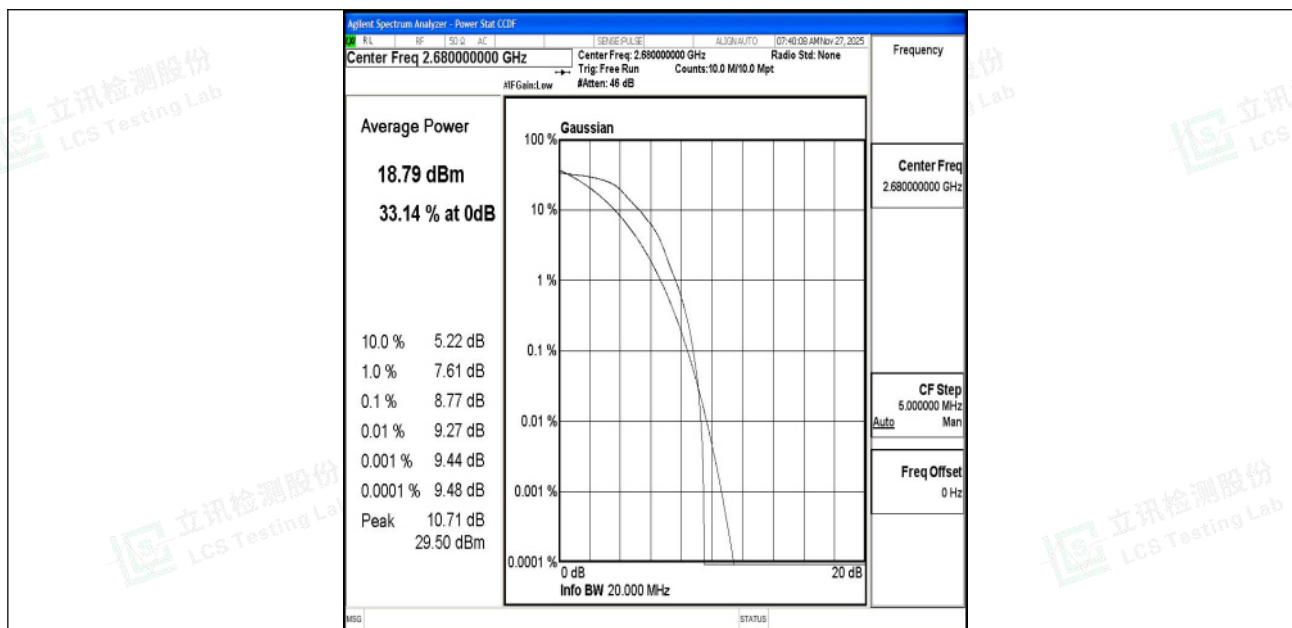


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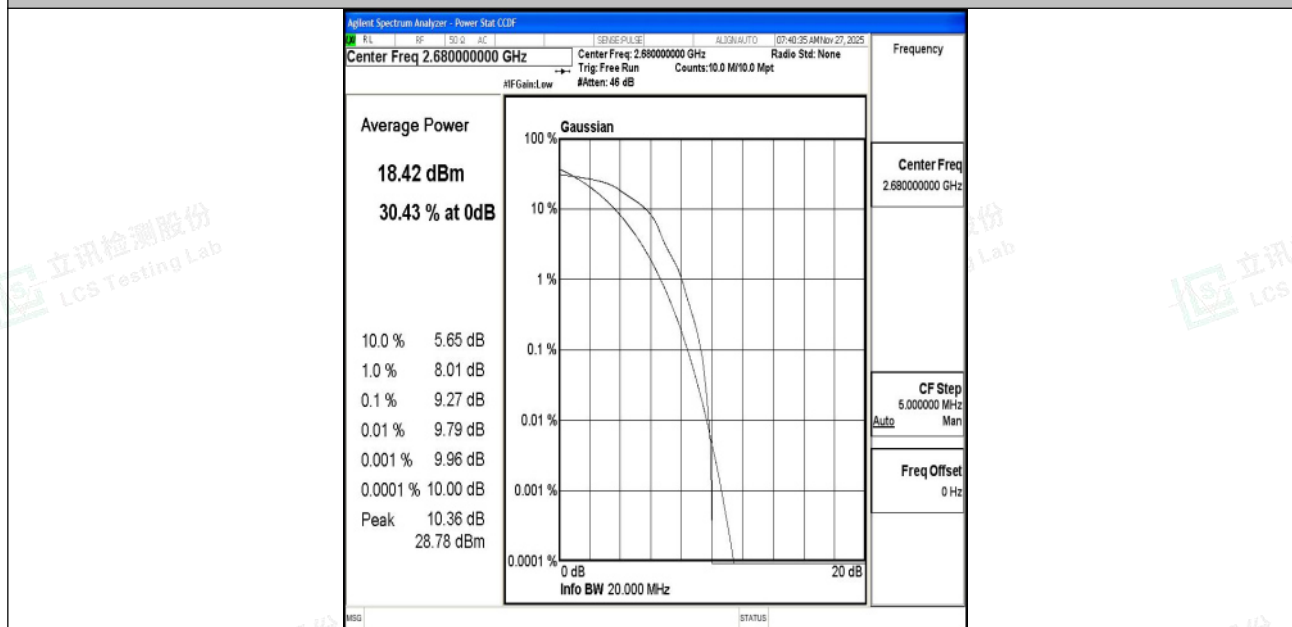


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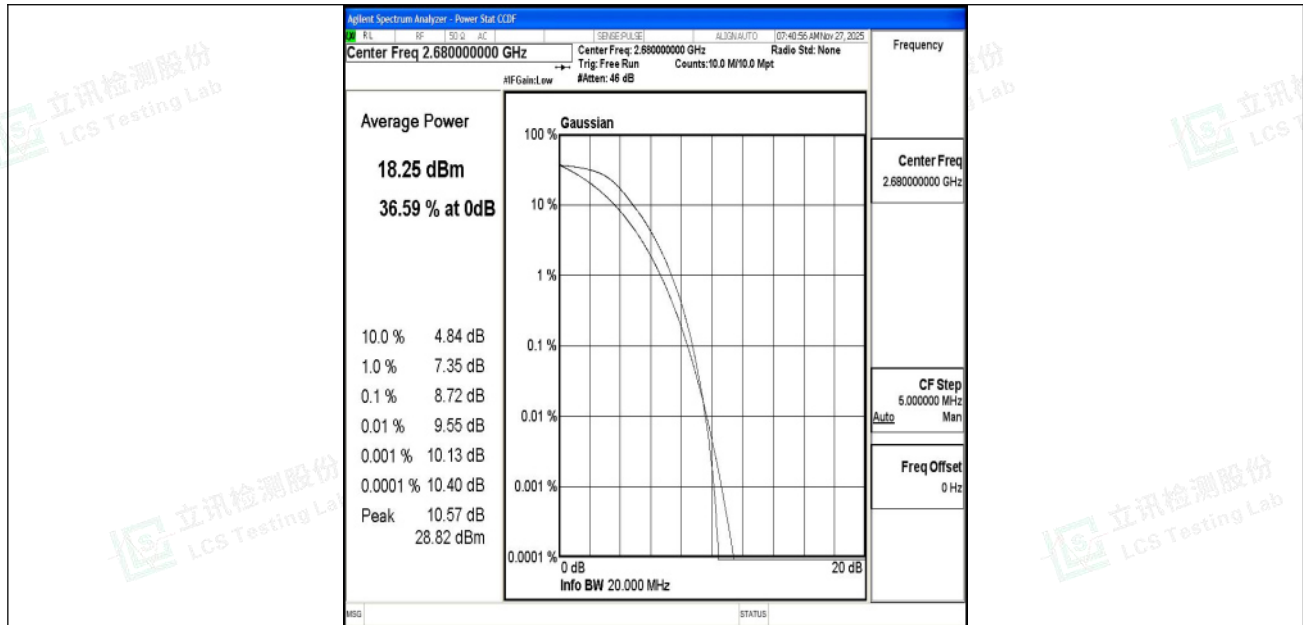


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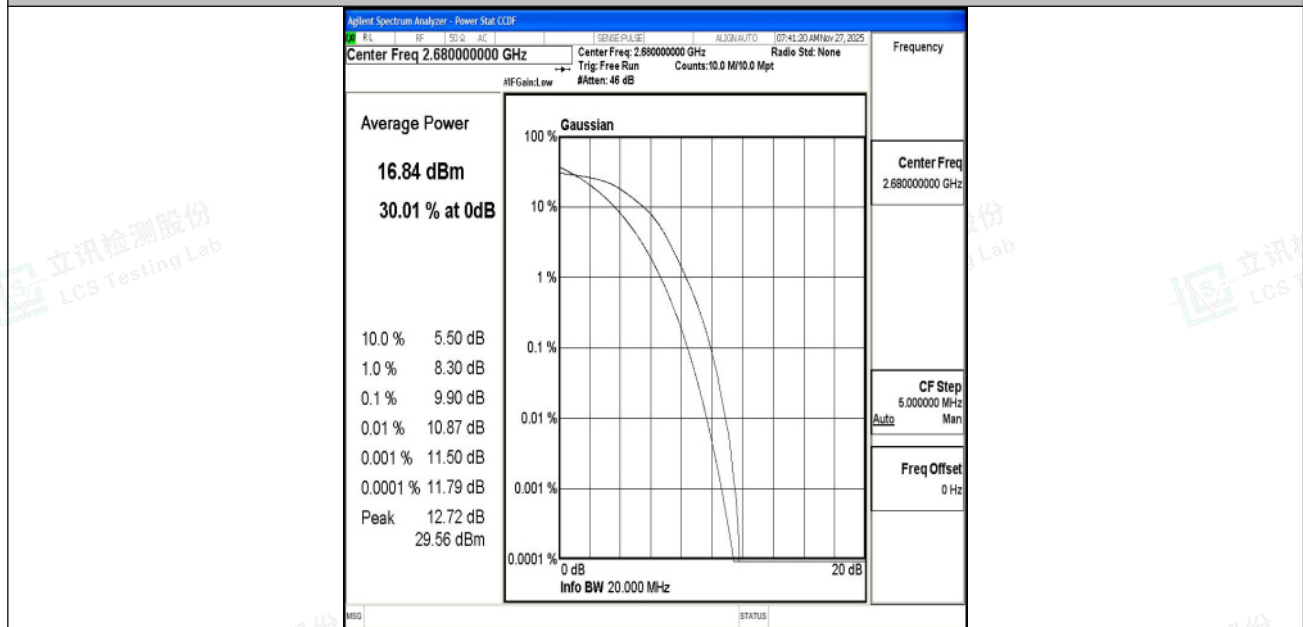


Band41-20MHz-16QAM-41490-1RB#0-PASS





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



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





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

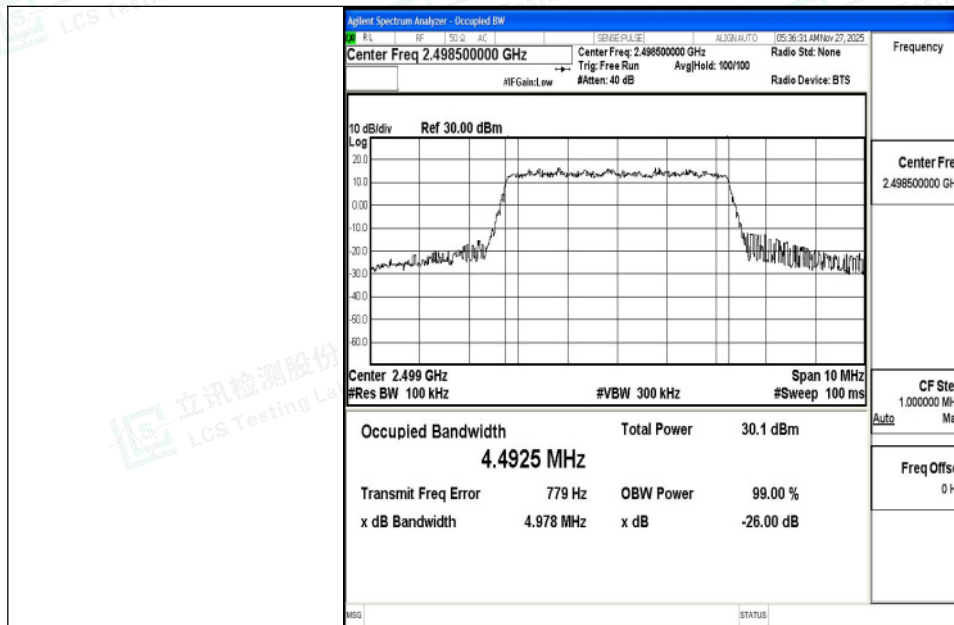
#### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 4.4925                   | 4.978                | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 4.5094                   | 4.988                | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 4.4906                   | 4.975                | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 4.4755                   | 5.072                | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 4.4887                   | 4.935                | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | 4.4862                   | 4.947                | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | 8.9594                   | 10.10                | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 50RB#0           | 8.9680                   | 9.789                | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 50RB#0           | 8.9607                   | 10.04                | PASS    |
| Band41 | 10MHz     | 16QAM      | 40620   | 50RB#0           | 8.9462                   | 9.825                | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 50RB#0           | 8.9825                   | 9.760                | PASS    |
| Band41 | 10MHz     | 16QAM      | 41540   | 50RB#0           | 8.9393                   | 9.853                | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 75RB#0           | 13.545                   | 16.21                | PASS    |
| Band41 | 15MHz     | 16QAM      | 39725   | 75RB#0           | 13.510                   | 15.61                | PASS    |
| Band41 | 15MHz     | QPSK       | 40620   | 75RB#0           | 13.533                   | 16.11                | PASS    |
| Band41 | 15MHz     | 16QAM      | 40620   | 75RB#0           | 13.498                   | 15.52                | PASS    |
| Band41 | 15MHz     | QPSK       | 41515   | 75RB#0           | 13.481                   | 15.94                | PASS    |
| Band41 | 15MHz     | 16QAM      | 41515   | 75RB#0           | 13.535                   | 16.21                | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0          | 18.048                   | 20.73                | PASS    |
| Band41 | 20MHz     | 16QAM      | 39750   | 100RB#0          | 18.016                   | 20.51                | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0          | 18.008                   | 19.82                | PASS    |
| Band41 | 20MHz     | 16QAM      | 40620   | 100RB#0          | 17.995                   | 20.54                | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0          | 18.020                   | 19.96                | PASS    |
| Band41 | 20MHz     | 16QAM      | 41490   | 100RB#0          | 17.981                   | 20.36                | PASS    |

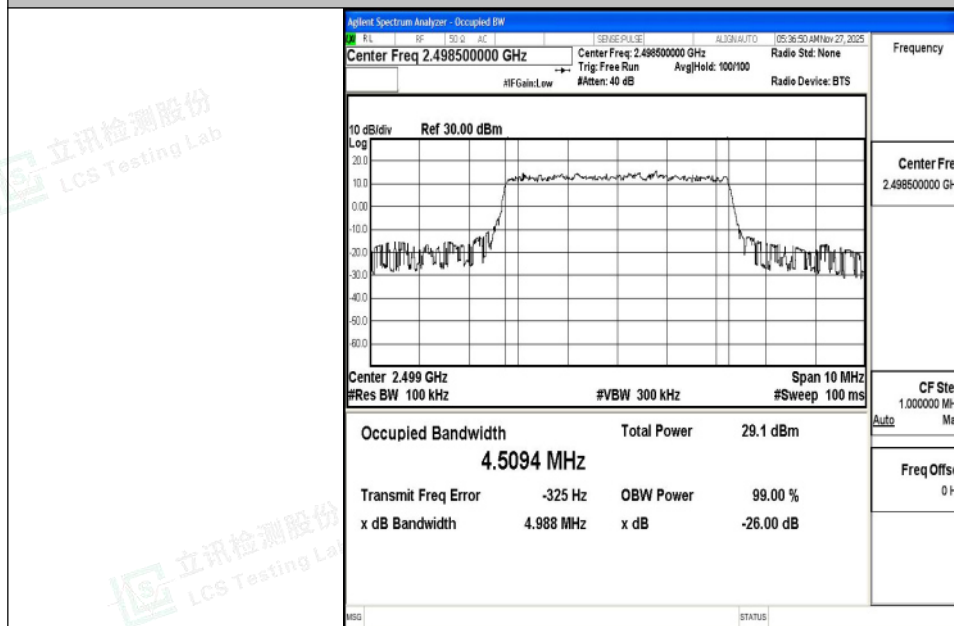




## Test Graphs



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



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

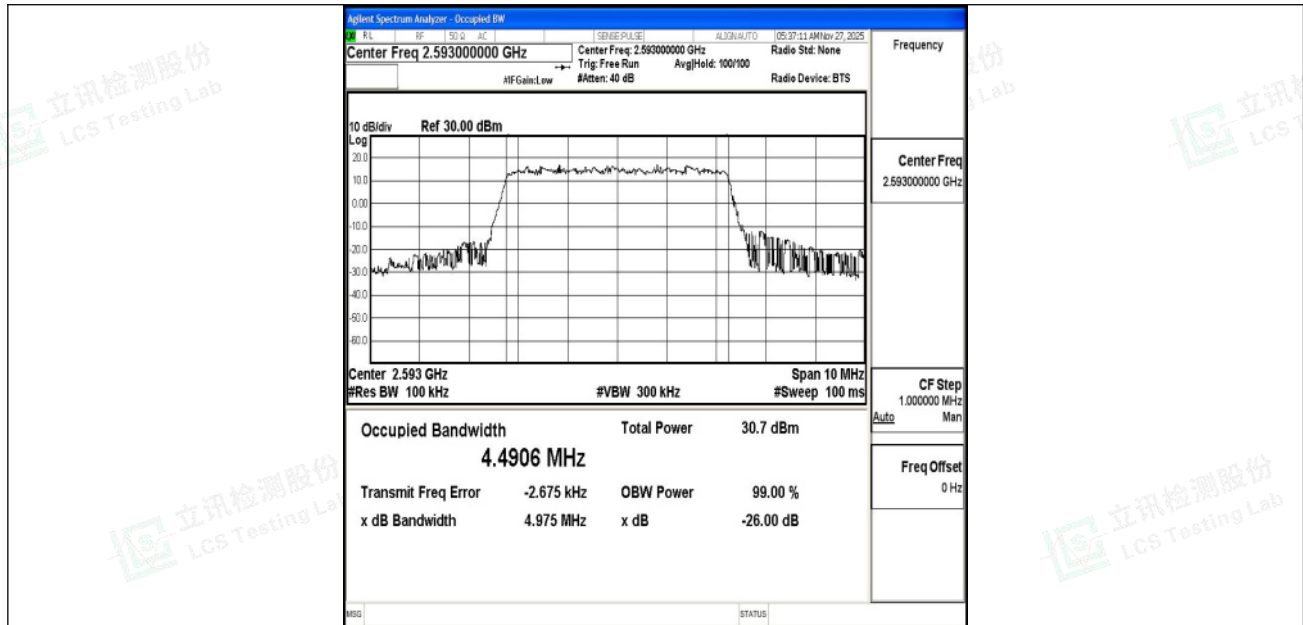


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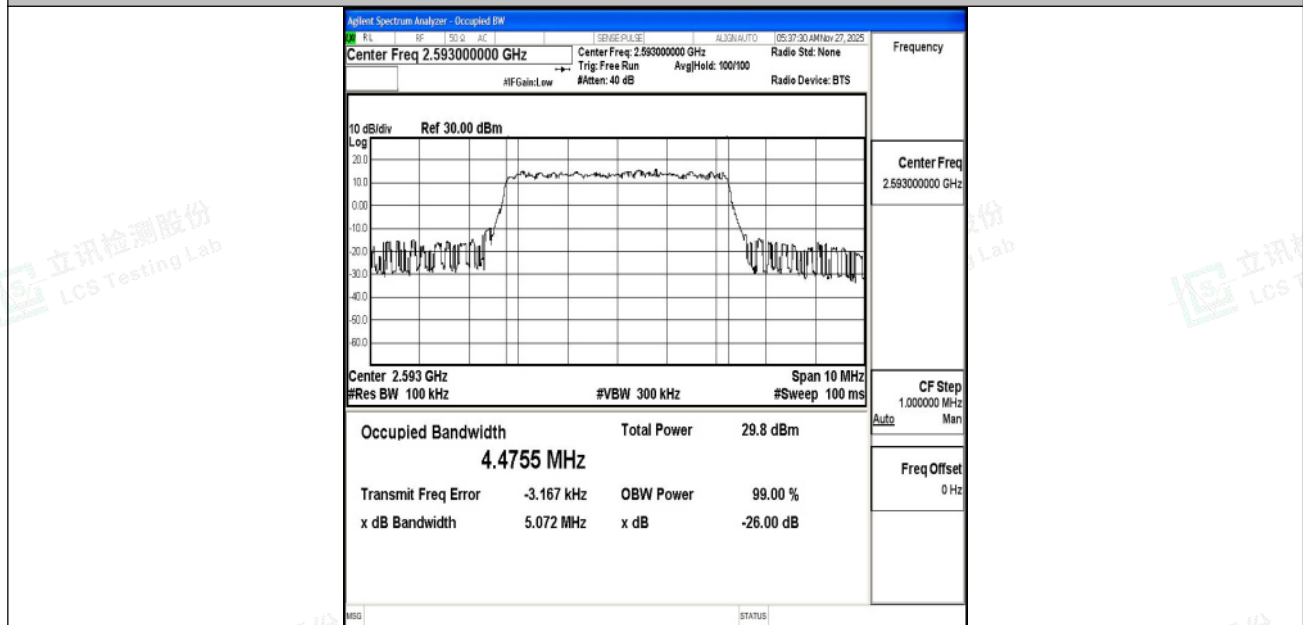
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

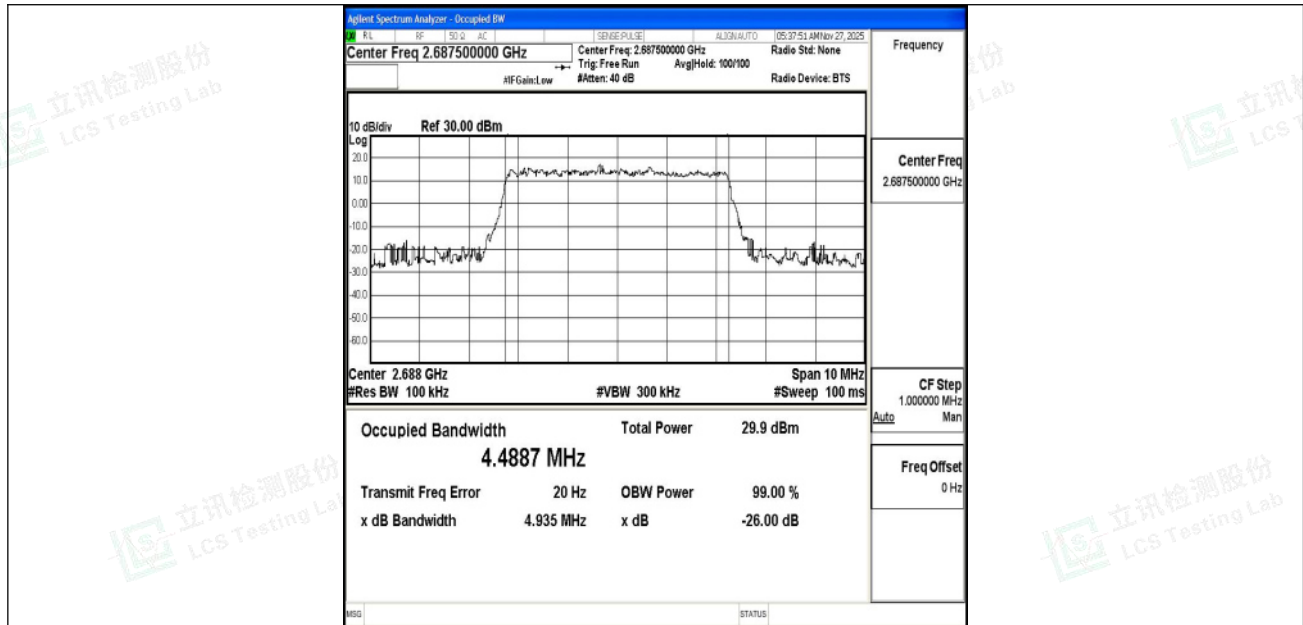


Band41-5MHz-QPSK-40620-25RB#0-PASS

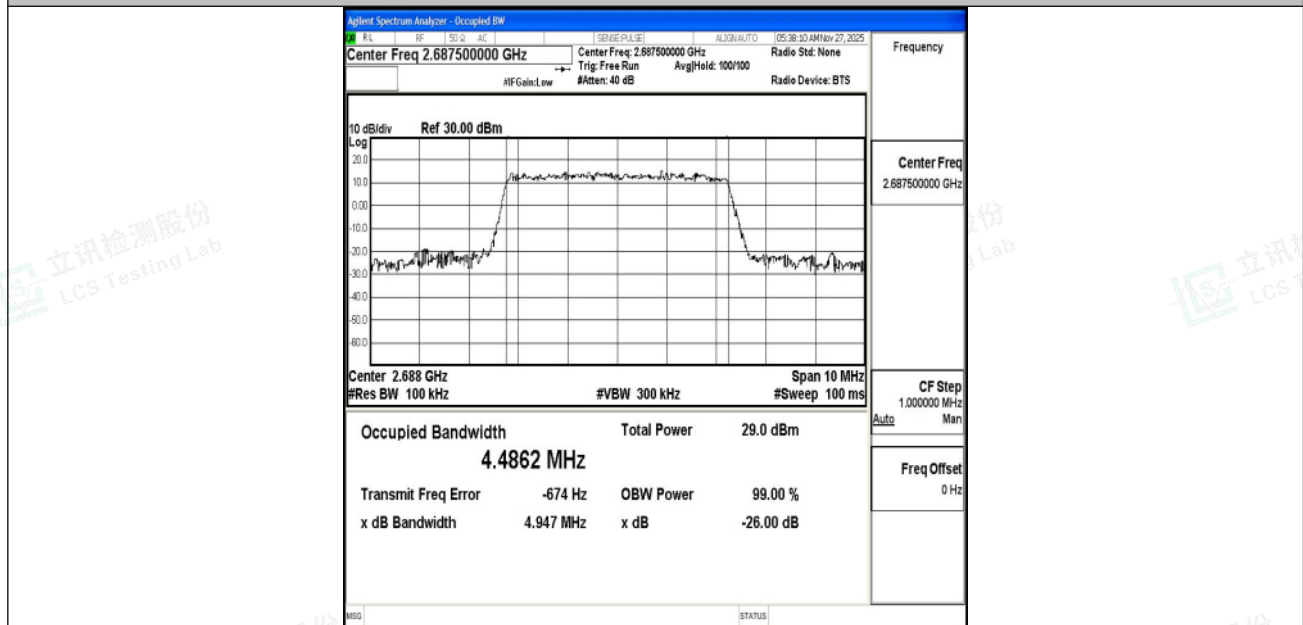


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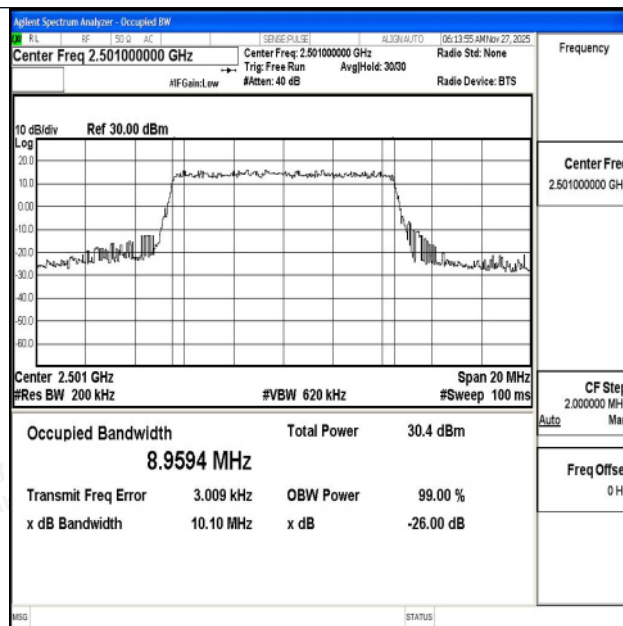


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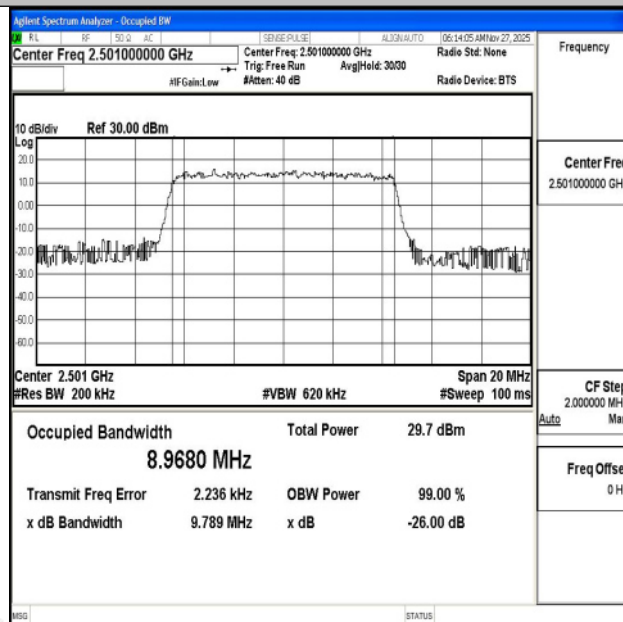


Band41-5MHz-16QAM-41565-25RB#0-PASS





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



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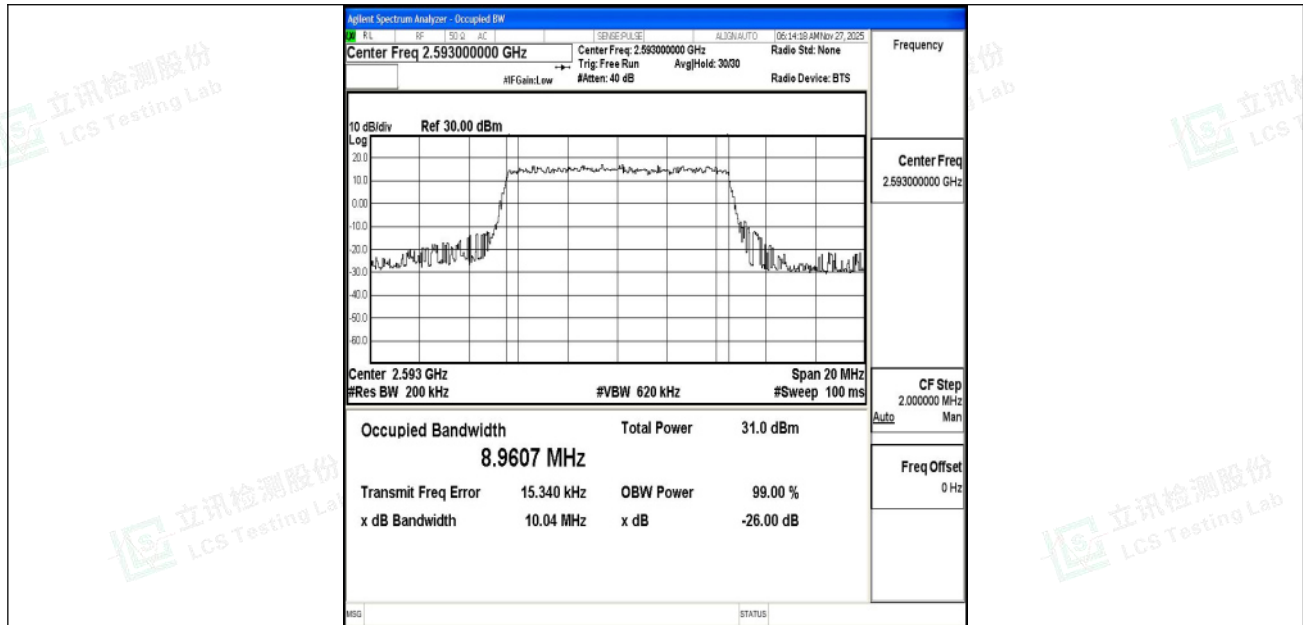


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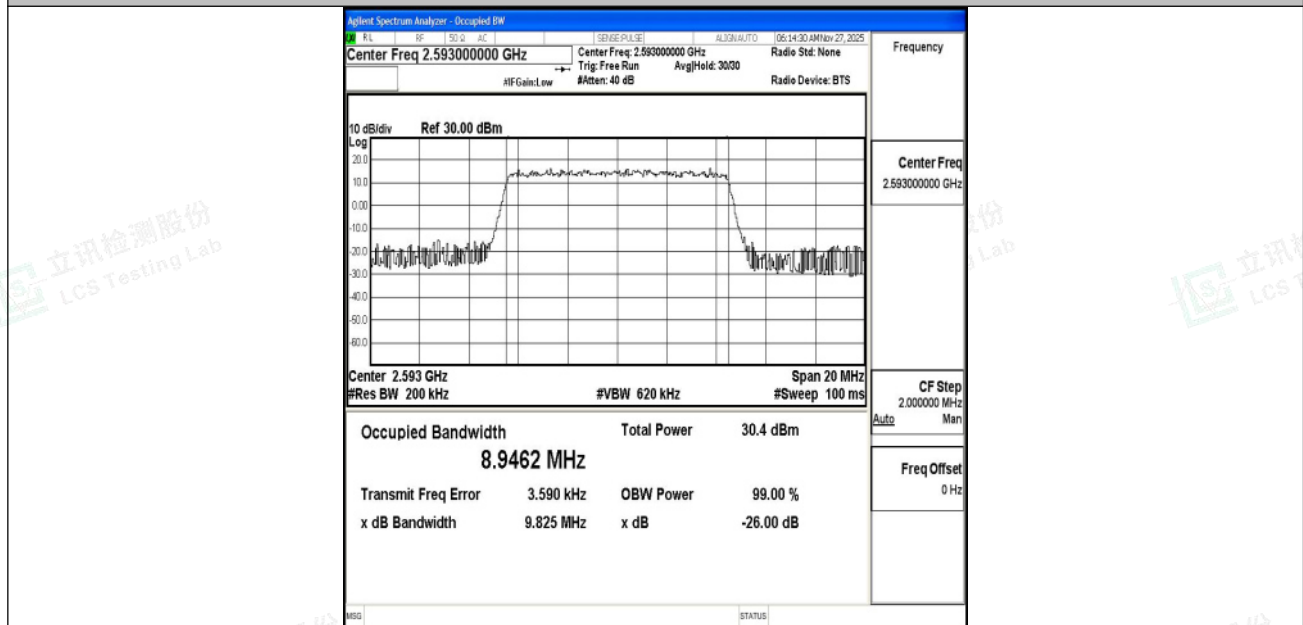
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity

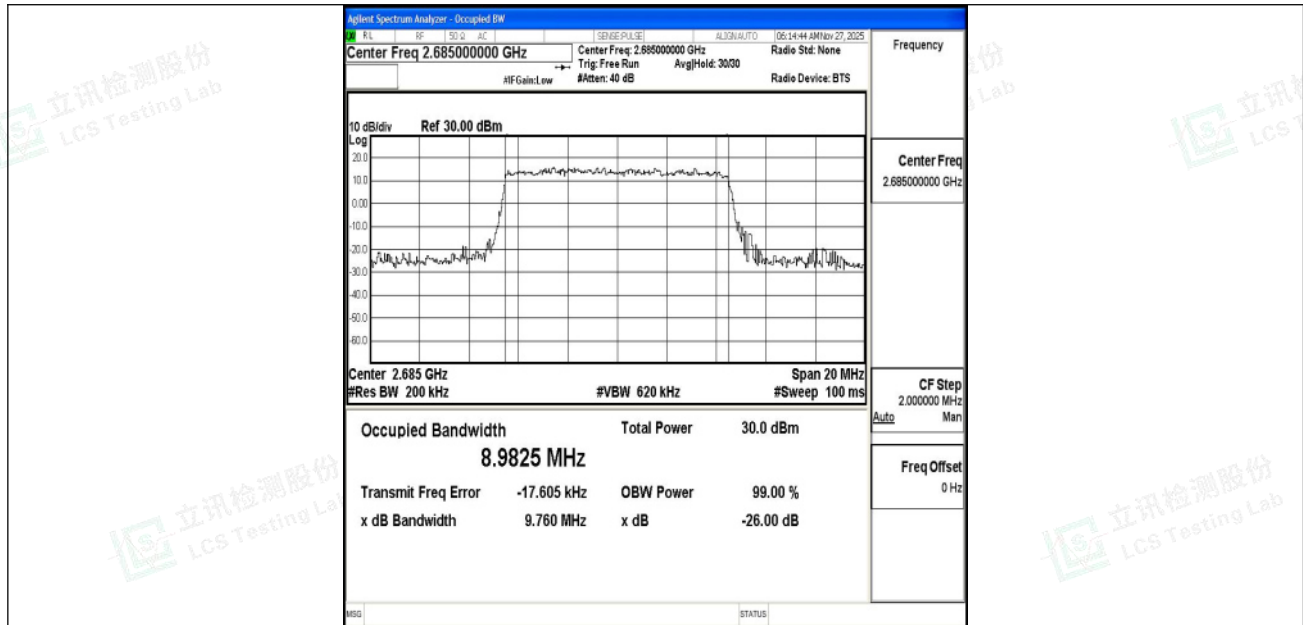


Band41-10MHz-QPSK-40620-50RB#0-PASS

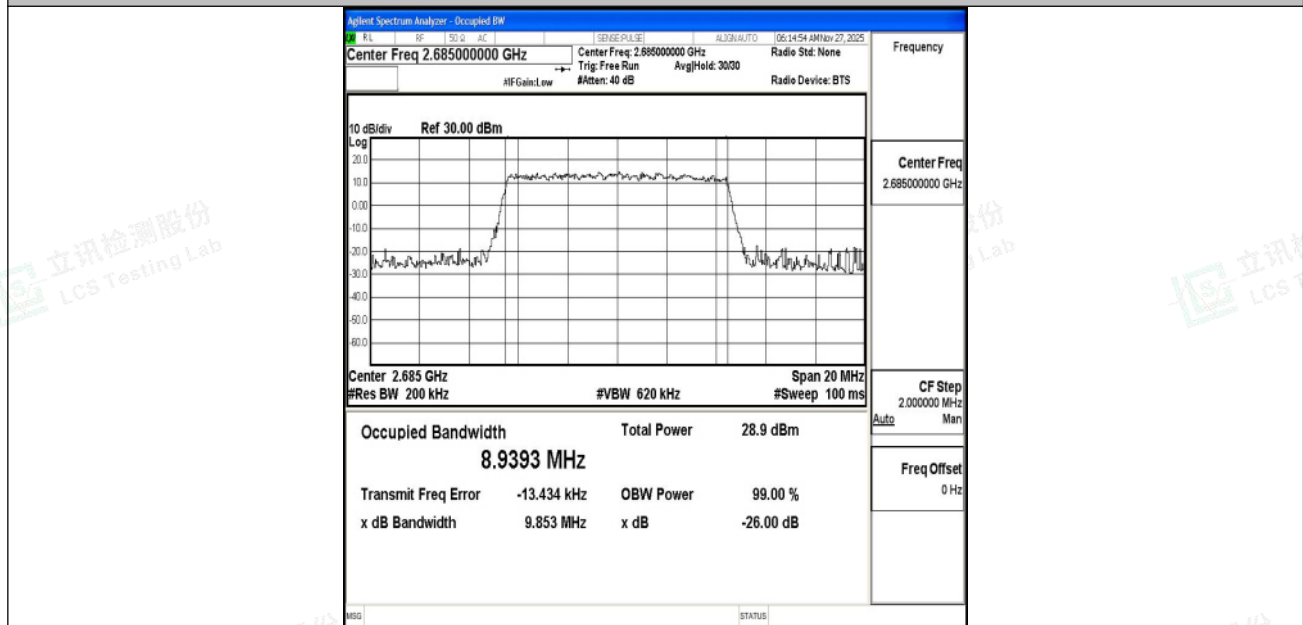


Band41-10MHz-16QAM-40620-50RB#0-PASS





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



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

