



Appendix H: Test Data for E-UTRA Band 5

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 |





## H.1 Conducted Output Power Data

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 23.92       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 22.93       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#2            | 24.16       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#2            | 22.89       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5            | 24.27       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#5            | 22.88       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#0            | 24.17       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#0            | 22.88       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#1            | 23.85       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#1            | 22.92       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#3            | 23.95       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#3            | 23.28       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 23.05       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 22.12       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 24.14       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 23.58       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#2            | 24.12       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#2            | 23.59       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#5            | 24.12       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#5            | 23.49       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#0            | 24.28       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 3RB#0            | 22.81       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#1            | 24.20       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 3RB#1            | 23.10       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#3            | 24.19       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 3RB#3            | 22.88       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 23.12       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 22.05       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 23.94       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | 23.02       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#2            | 24.21       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#2            | 23.23       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5            | 23.90       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#5            | 22.73       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#0            | 24.01       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 3RB#0            | 22.80       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#1            | 24.18       | PASS    |





|       |        |       |       |        |       |      |
|-------|--------|-------|-------|--------|-------|------|
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1  | 22.79 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#3  | 23.90 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3  | 22.73 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0  | 23.06 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | 21.92 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#0  | 23.72 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#0  | 22.92 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#8  | 24.07 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#8  | 22.92 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#14 | 23.73 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#14 | 23.03 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#0  | 23.09 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 8RB#0  | 22.24 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#4  | 23.15 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 8RB#4  | 22.25 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#7  | 23.01 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 8RB#7  | 22.23 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | 23.22 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | 22.03 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#0  | 23.96 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 1RB#0  | 22.87 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#8  | 24.00 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 1RB#8  | 23.22 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#14 | 23.94 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 1RB#14 | 23.25 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#0  | 23.19 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 8RB#0  | 21.93 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#4  | 23.12 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 8RB#4  | 21.94 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#7  | 23.26 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 8RB#7  | 22.08 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | 23.05 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 15RB#0 | 21.99 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#0  | 23.83 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 1RB#0  | 23.04 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#8  | 23.94 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 1RB#8  | 23.18 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#14 | 23.82 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 1RB#14 | 22.88 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#0  | 23.16 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 8RB#0  | 22.11 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#4  | 23.10 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 8RB#4  | 22.02 | PASS |



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|-------|------|-------|-------|---------|-------|------|
| Band5 | 3MHz | QPSK  | 20635 | 8RB#7   | 23.02 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7   | 21.97 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0  | 23.05 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0  | 21.91 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0   | 23.84 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#0   | 22.97 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#12  | 24.02 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#12  | 23.54 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#24  | 23.97 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#24  | 22.99 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#0  | 23.21 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#0  | 22.21 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#6  | 23.14 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#6  | 22.22 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#13 | 23.12 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#13 | 22.20 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0  | 23.10 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0  | 22.10 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0   | 24.03 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#0   | 22.97 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#12  | 24.27 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#12  | 23.06 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#24  | 23.91 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#24  | 23.09 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#0  | 23.03 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#0  | 22.31 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#6  | 23.05 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#6  | 22.31 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#13 | 23.05 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#13 | 22.22 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 25RB#0  | 23.12 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 25RB#0  | 22.09 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#0   | 23.94 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#0   | 22.90 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#12  | 24.13 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#12  | 23.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#24  | 23.63 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#24  | 22.63 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#0  | 23.15 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 12RB#0  | 22.02 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#6  | 23.09 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 12RB#6  | 22.12 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#13 | 23.06 | PASS |



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|-------|-------|-------|-------|---------|-------|------|
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#13 | 22.12 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0  | 23.05 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0  | 22.19 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0   | 23.70 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0   | 22.99 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#24  | 24.05 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24  | 23.35 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#49  | 23.90 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49  | 22.91 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#0  | 23.11 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0  | 22.03 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#12 | 23.17 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 22.14 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#25 | 23.18 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 22.25 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0  | 23.12 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0  | 22.20 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0   | 24.02 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0   | 22.86 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#24  | 24.37 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24  | 23.51 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#49  | 23.97 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49  | 22.84 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#0  | 23.25 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0  | 22.18 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#12 | 23.17 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 22.19 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#25 | 23.18 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 22.22 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0  | 23.12 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0  | 22.24 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0   | 23.91 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0   | 22.90 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#24  | 24.35 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24  | 23.38 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49  | 23.52 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49  | 22.40 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#0  | 23.09 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0  | 22.24 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#12 | 23.01 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 22.15 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#25 | 23.13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 22.17 | PASS |



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|-------|-------|-------|-------|--------|-------|------|
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | 23.08 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 22.11 | PASS |





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

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 4.73       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 5.79       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 5.54       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 6.32       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 5.09       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 5.75       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 5.69       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 6.54       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 3.70       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | 4.45       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 4.58       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 5.40       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | 5.01       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#0            | 5.76       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | 5.56       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | 6.48       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 1RB#0            | 5.17       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 1RB#0            | 5.90       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 5.65       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 6.48       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#0            | 3.91       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#0            | 4.85       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | 4.58       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | 5.46       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#0            | 4.99       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 1RB#0            | 5.56       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | 5.65       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | 6.36       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 1RB#0            | 5.21       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 1RB#0            | 5.87       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 25RB#0           | 5.63       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 25RB#0           | 6.37       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 1RB#0            | 4.42       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 1RB#0            | 5.29       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | 5.09       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 25RB#0           | 5.83       | 13        | PASS    |



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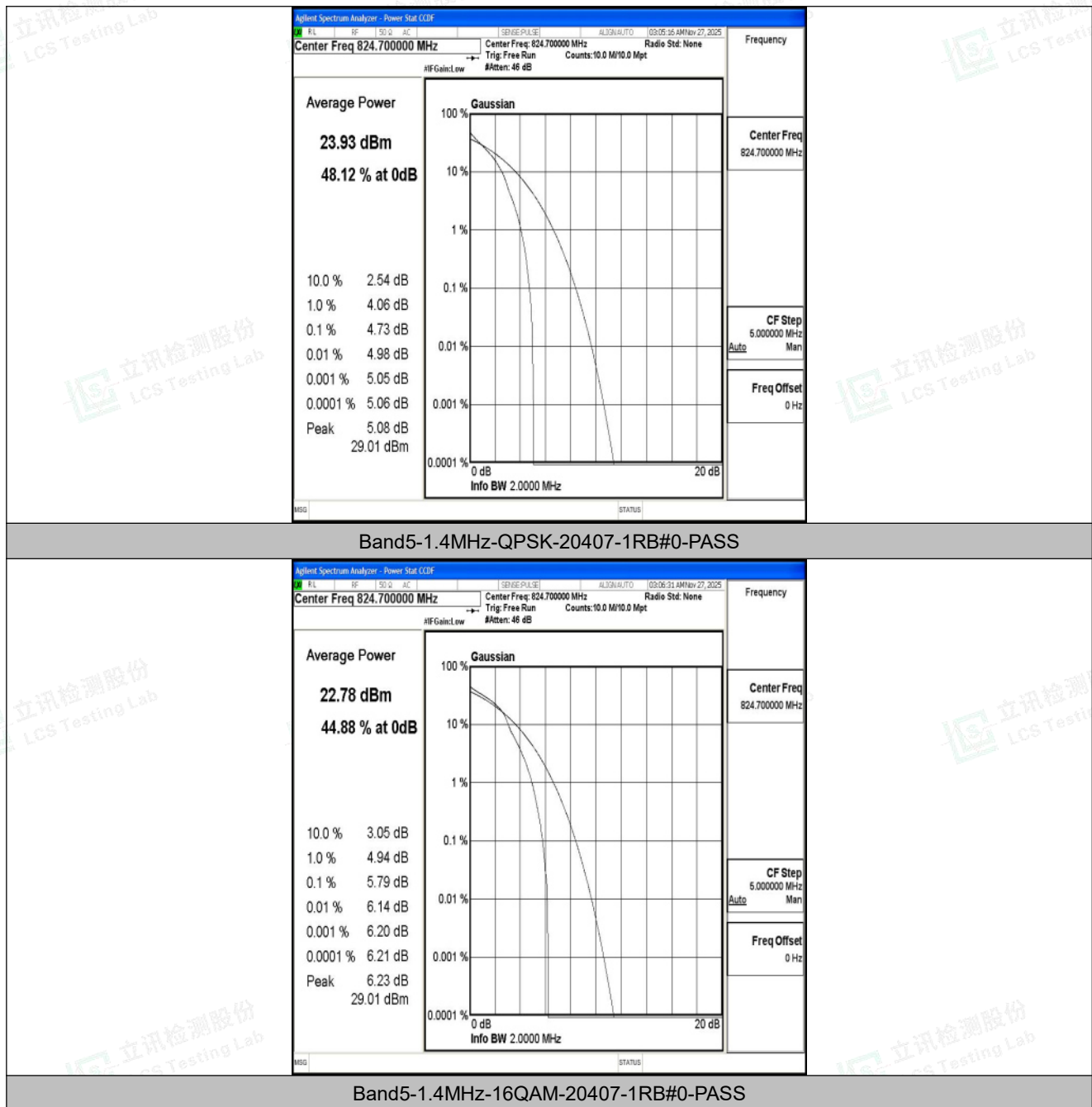


|       |       |       |       |        |      |    |      |
|-------|-------|-------|-------|--------|------|----|------|
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0  | 4.96 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0  | 5.75 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | 5.63 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 6.43 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0  | 5.27 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0  | 6.09 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | 5.57 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 6.42 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0  | 4.99 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0  | 6.16 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | 5.29 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 6.15 | 13 | PASS |





## Test Graphs

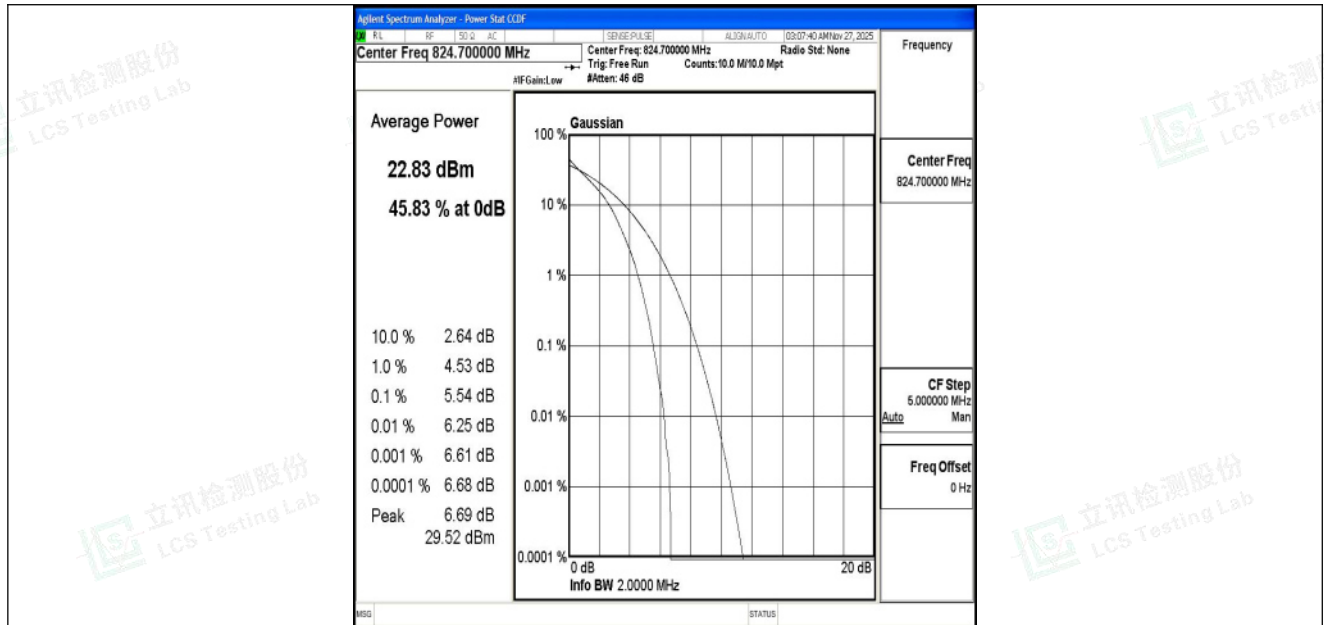


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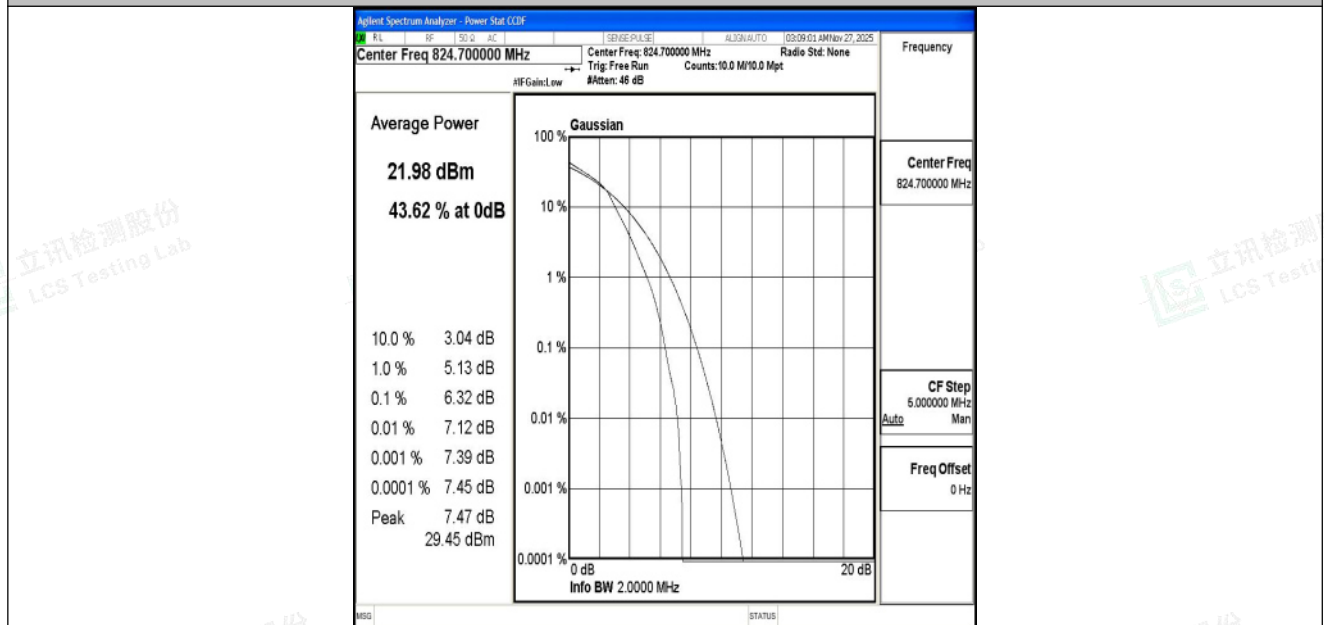
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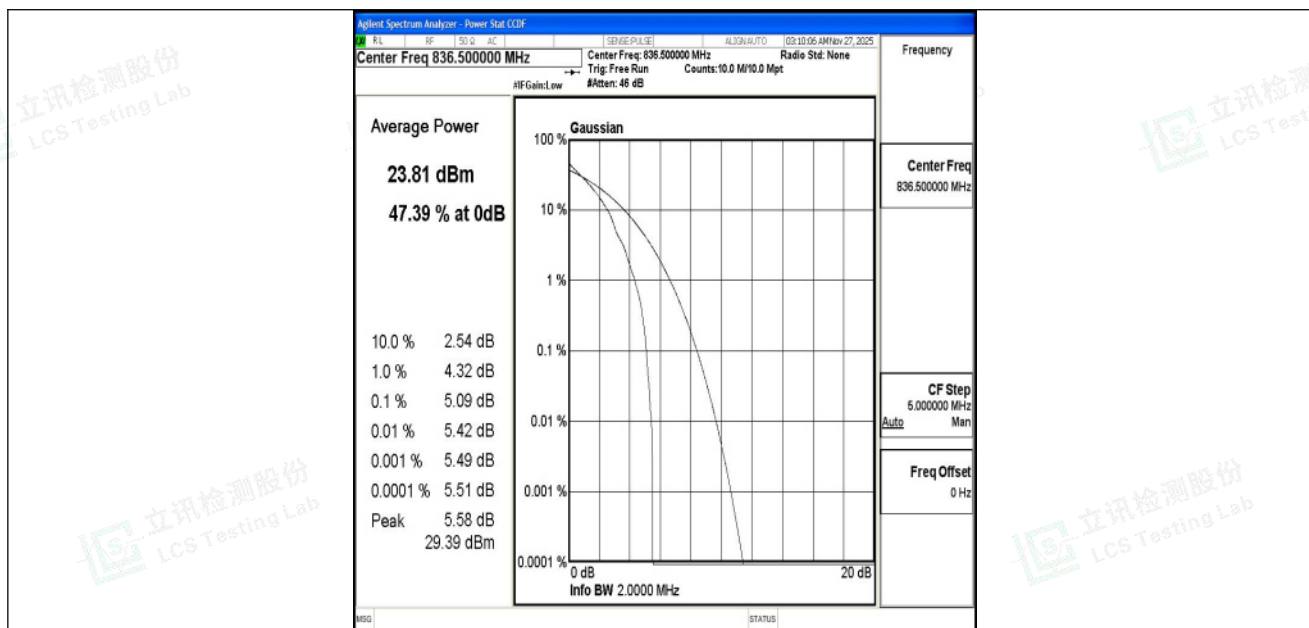


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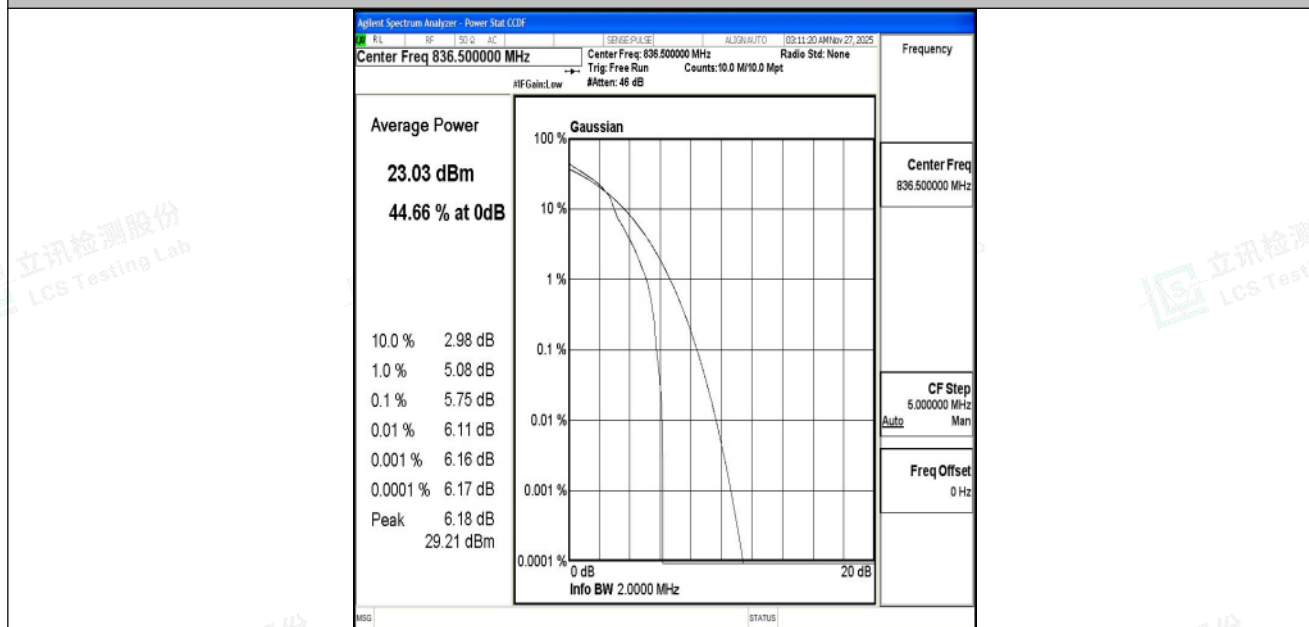


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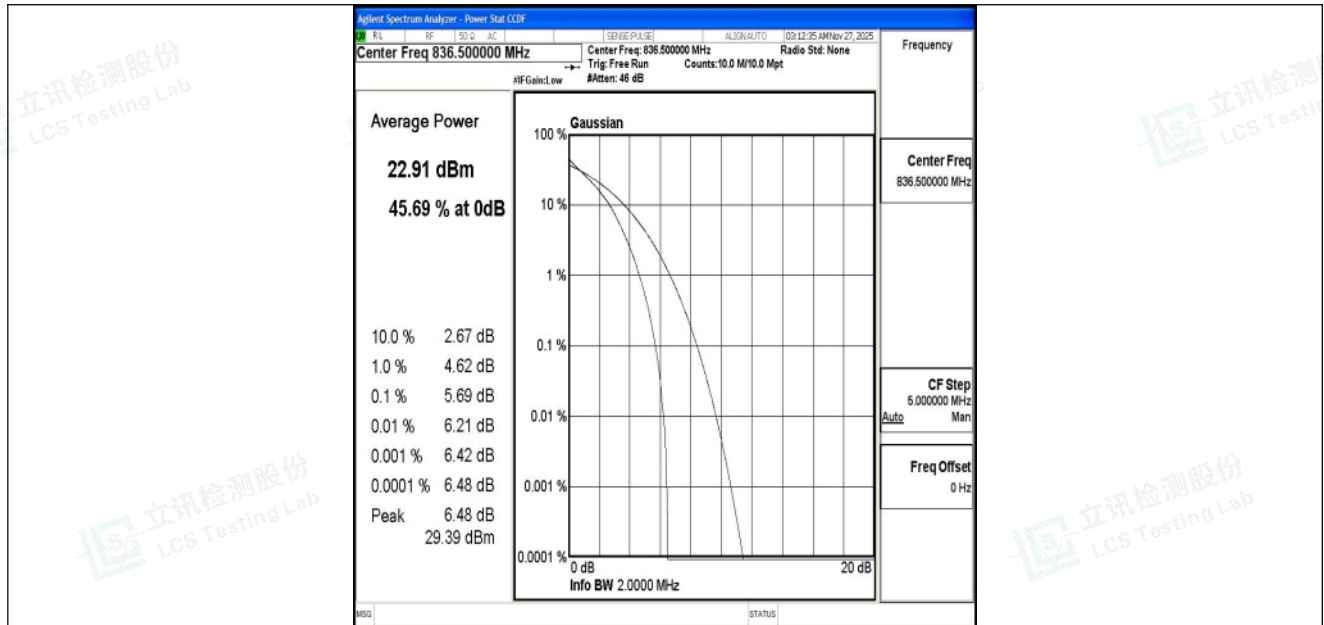


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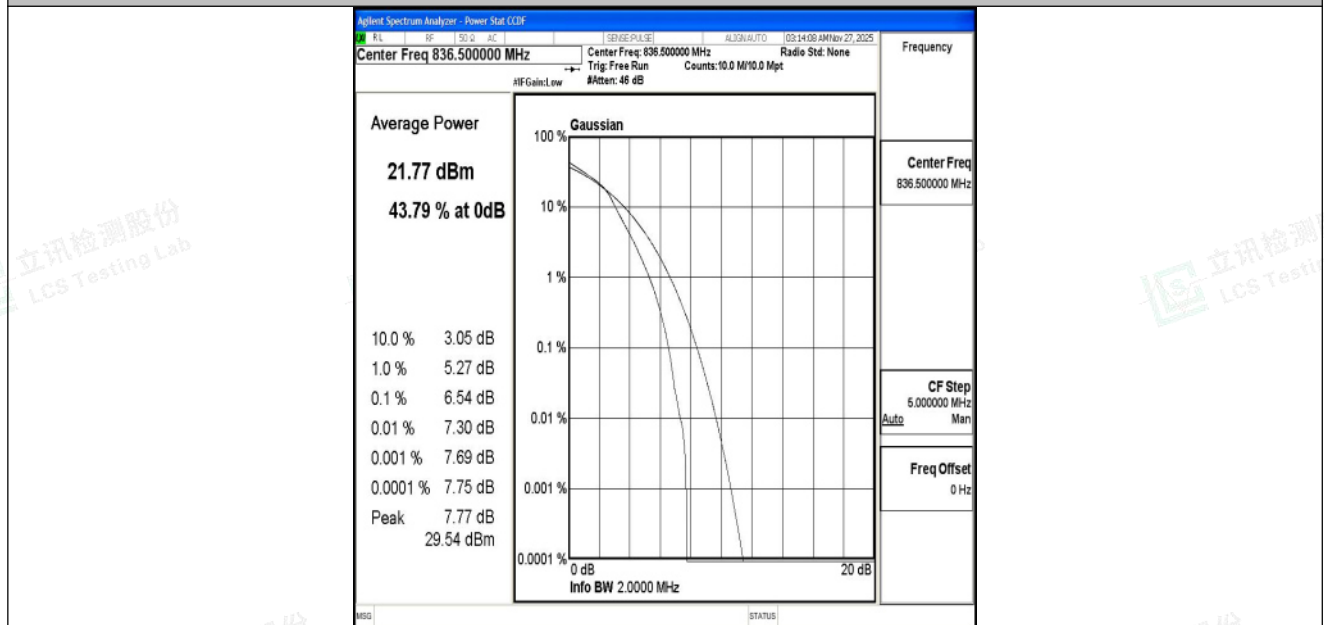


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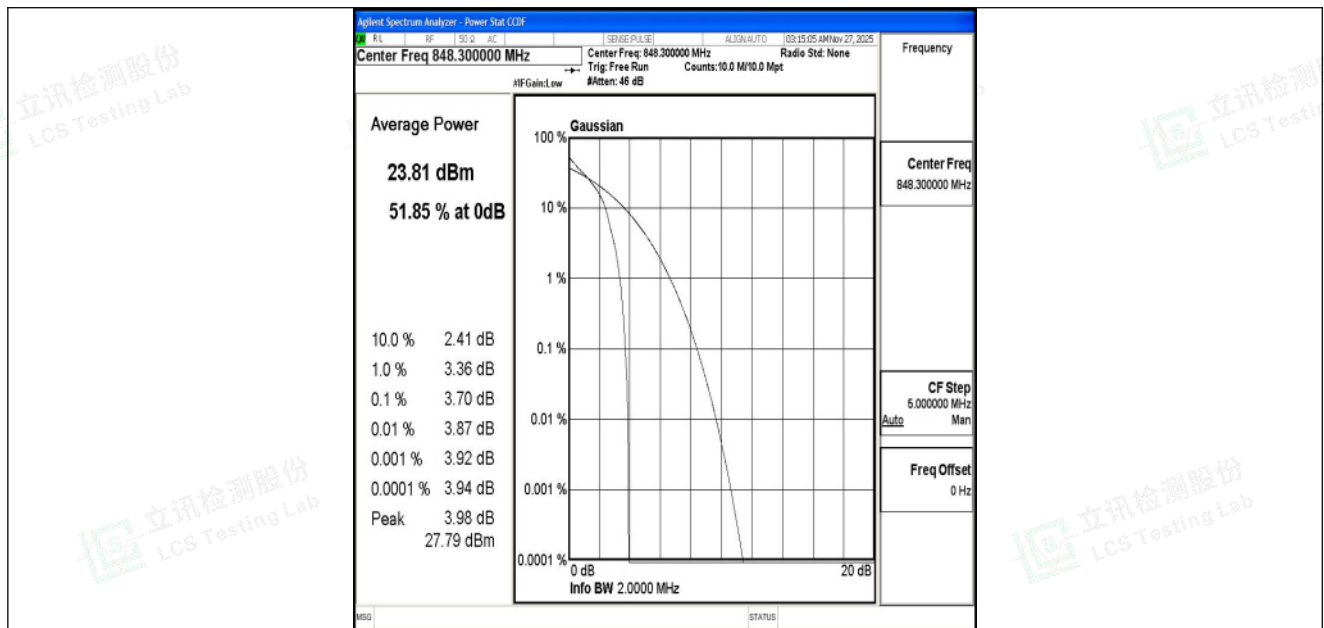


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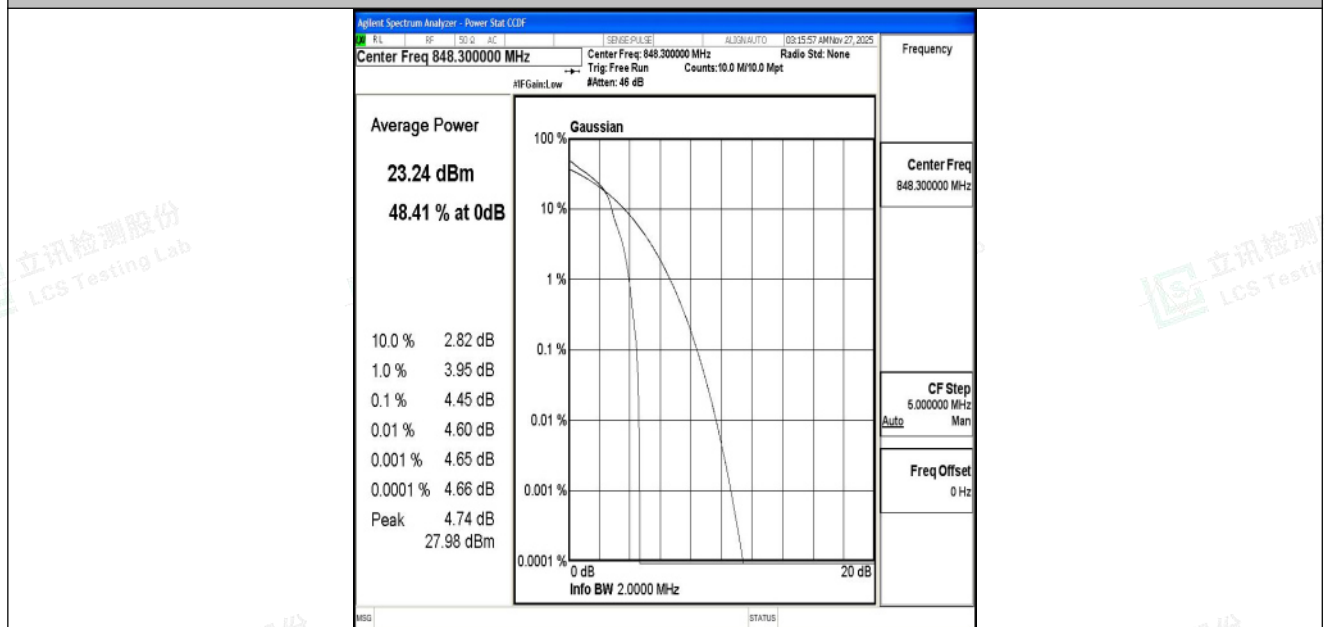


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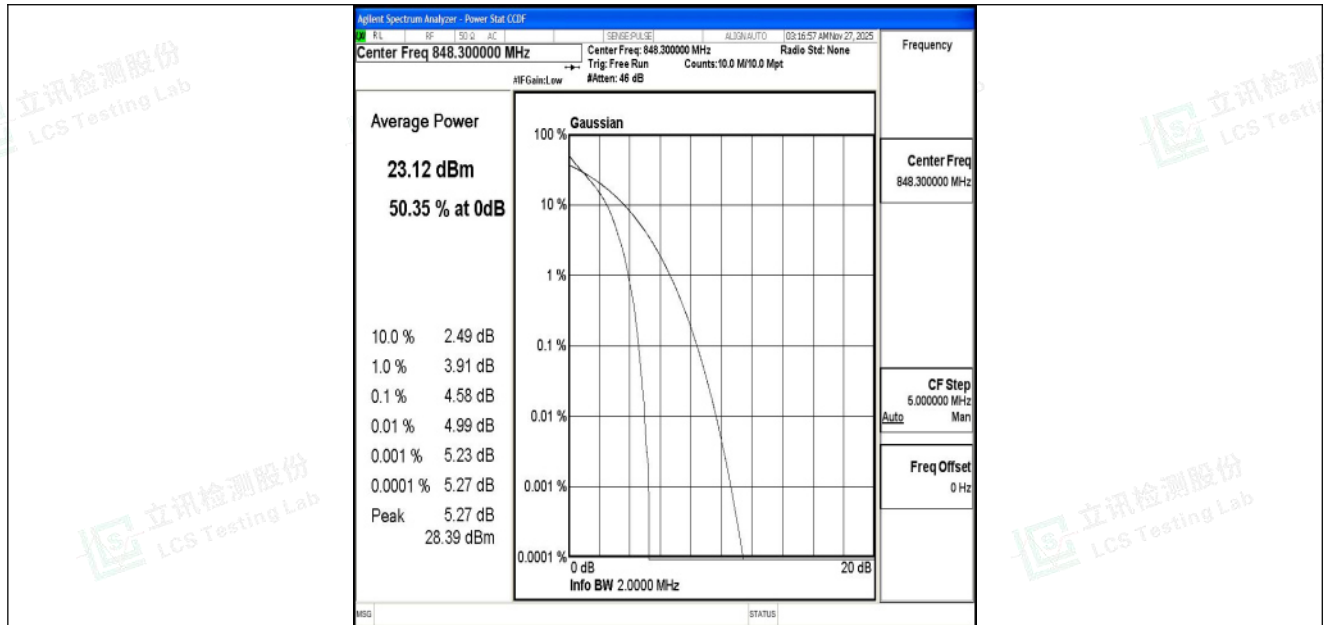


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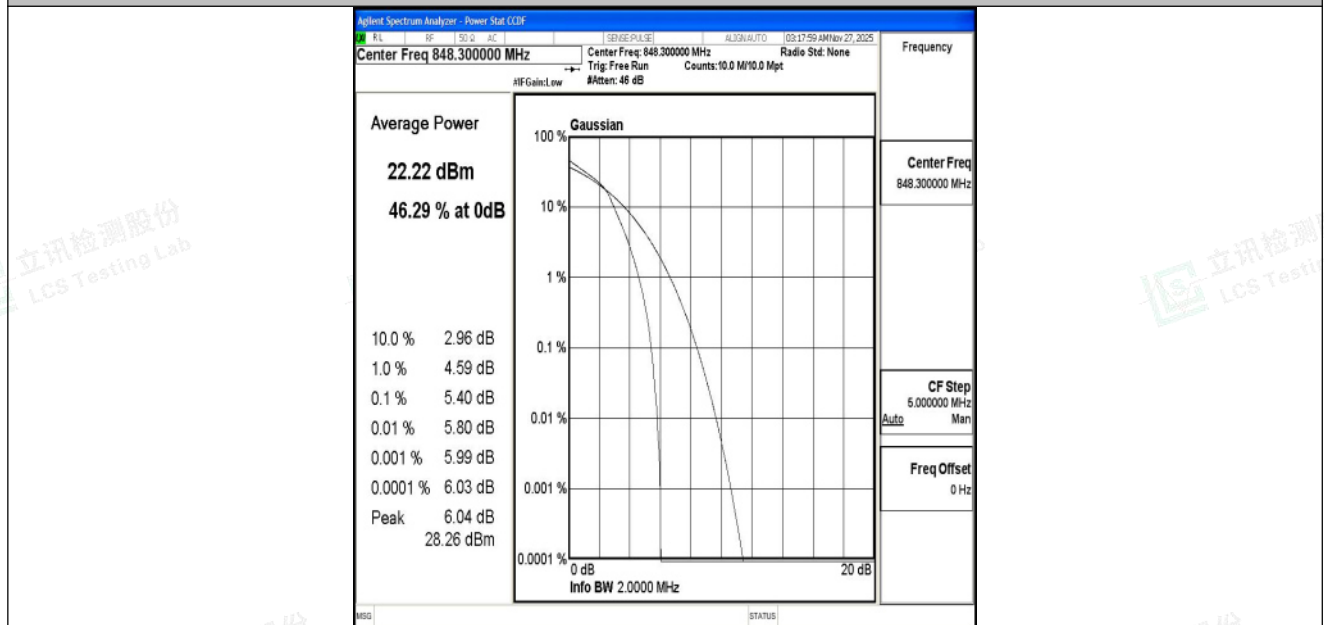


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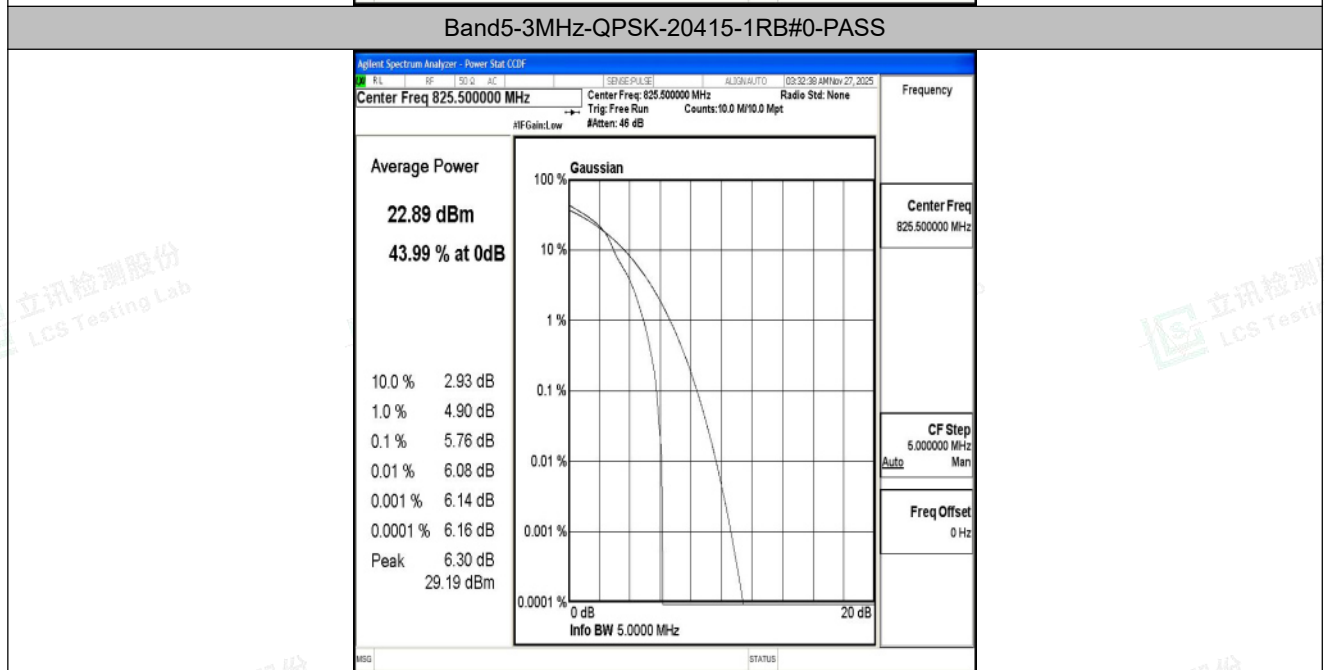
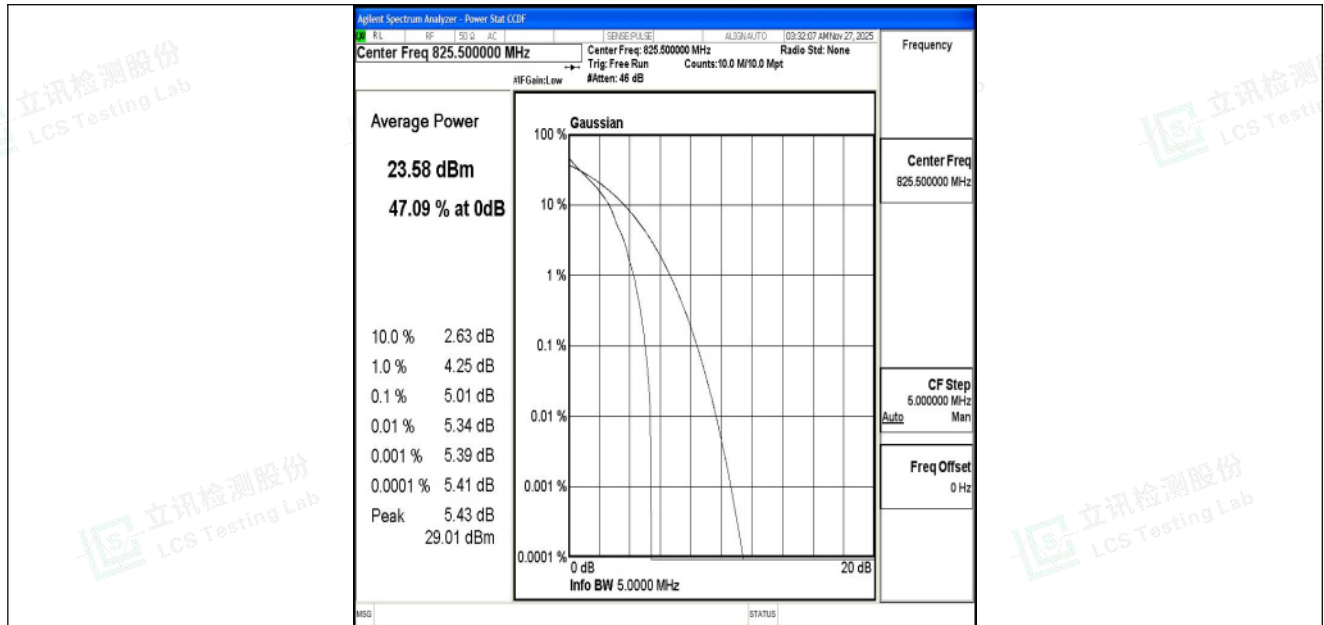


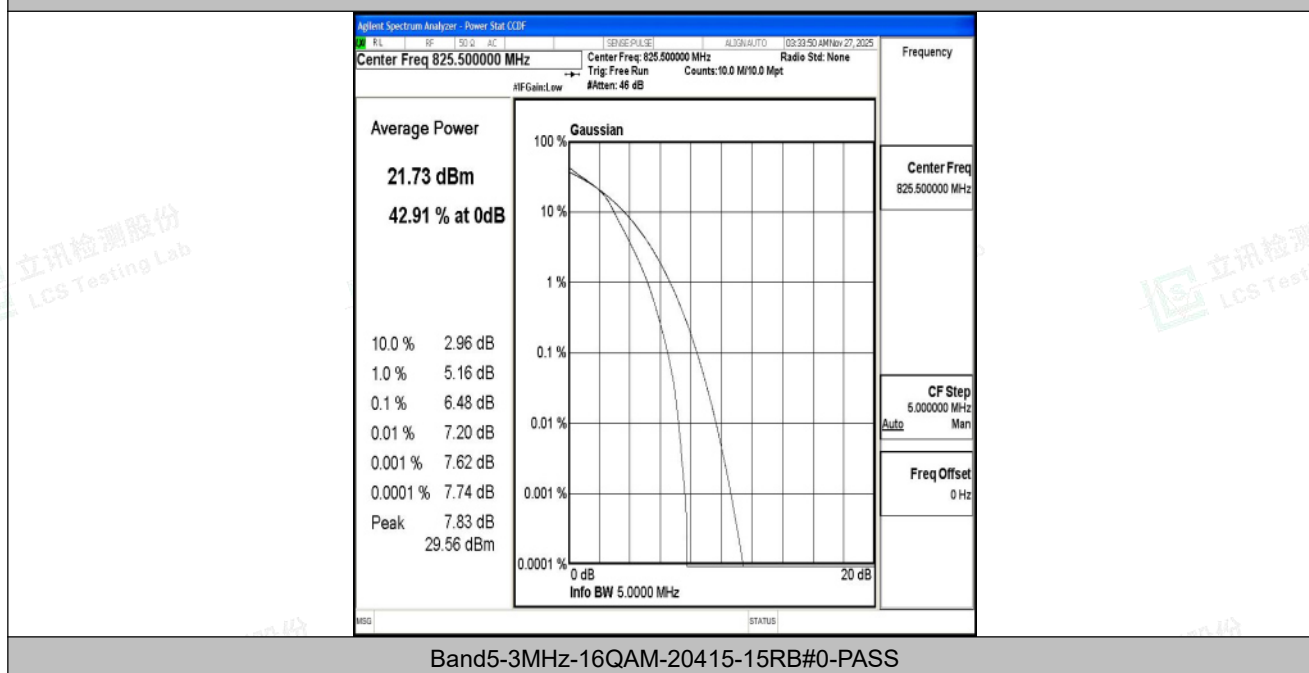
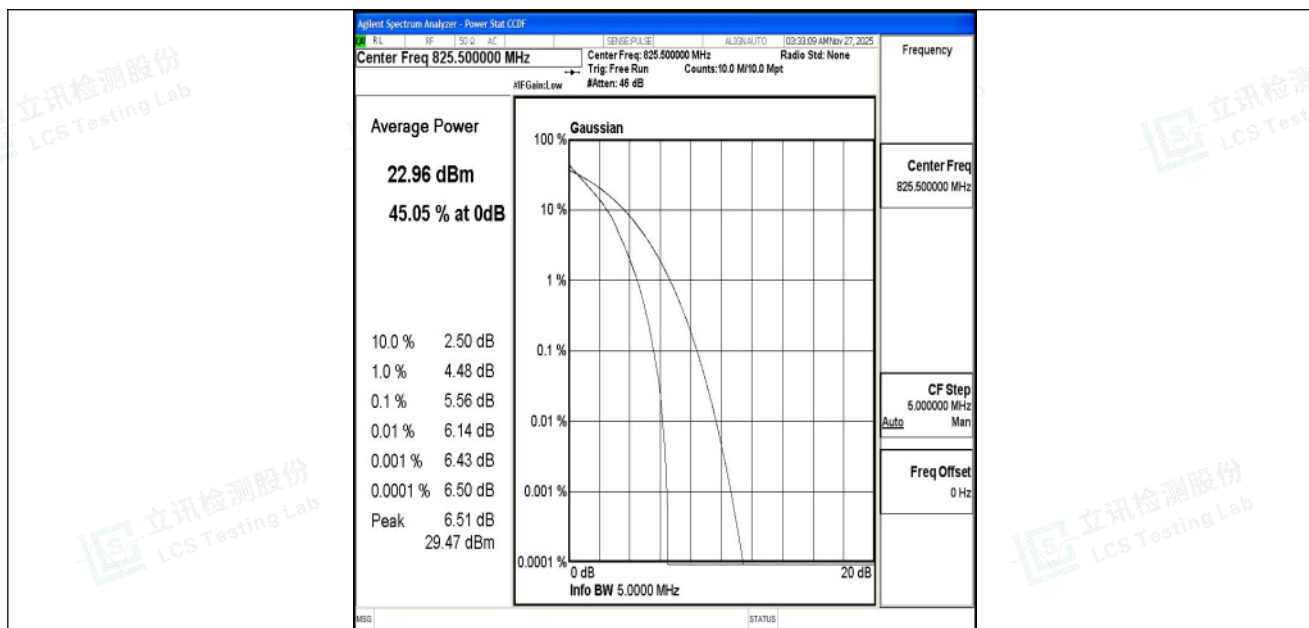
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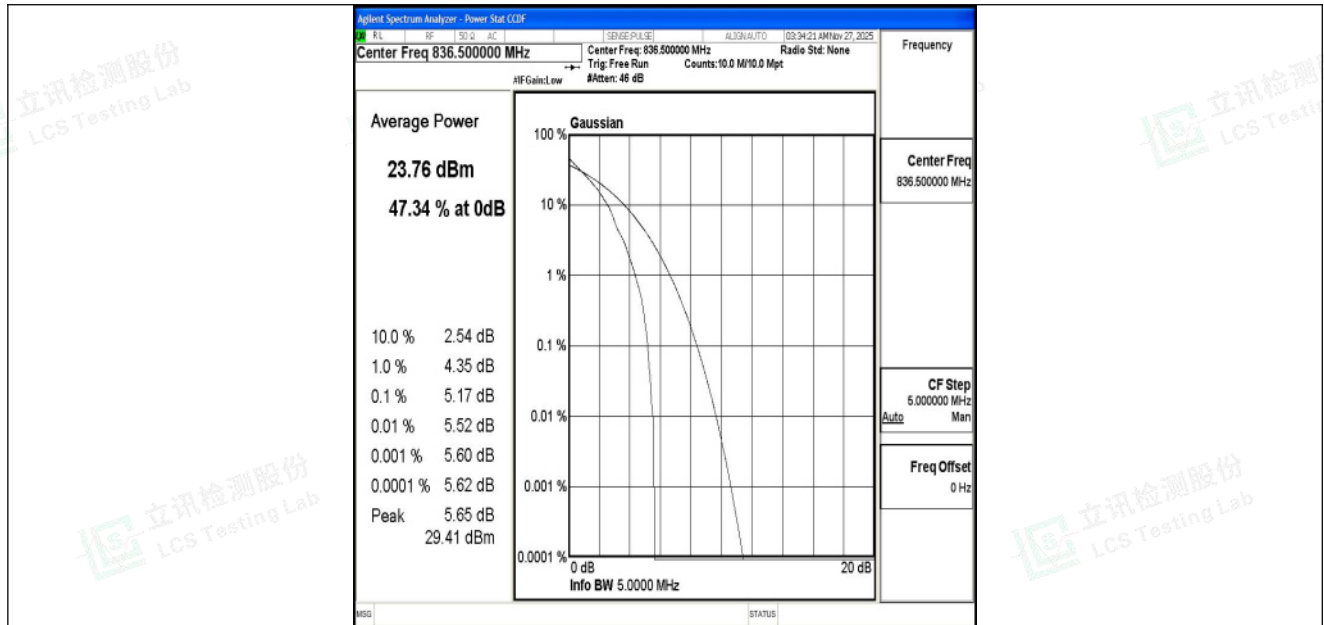


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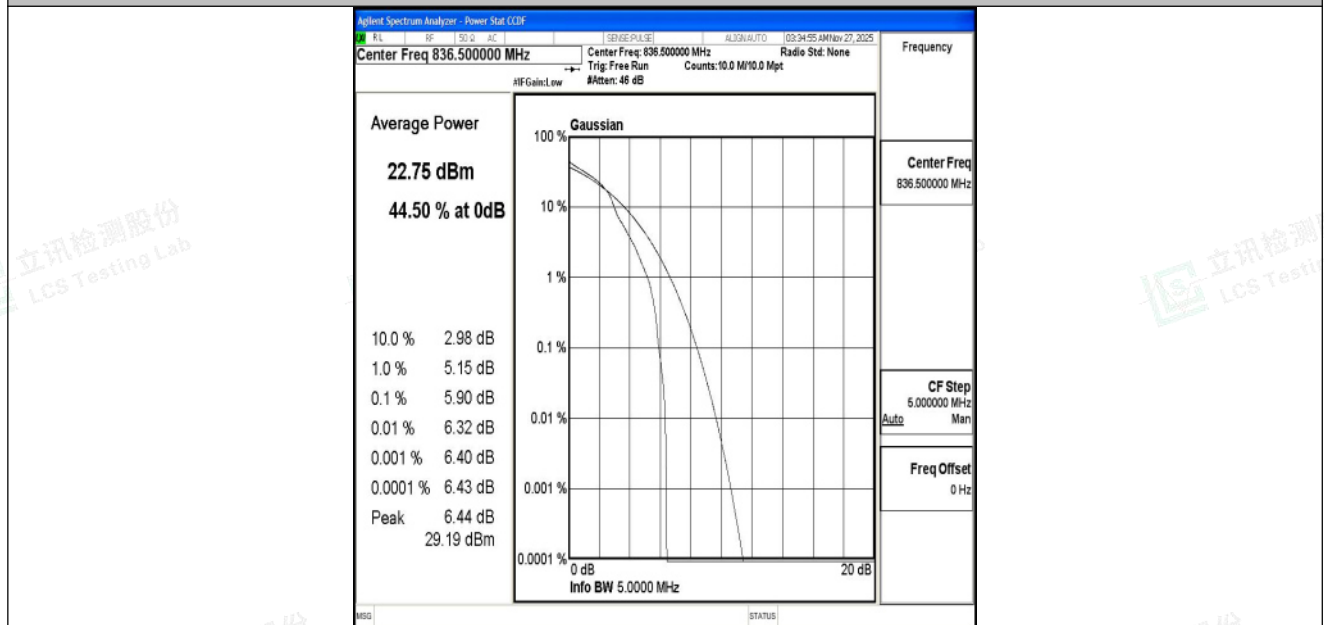






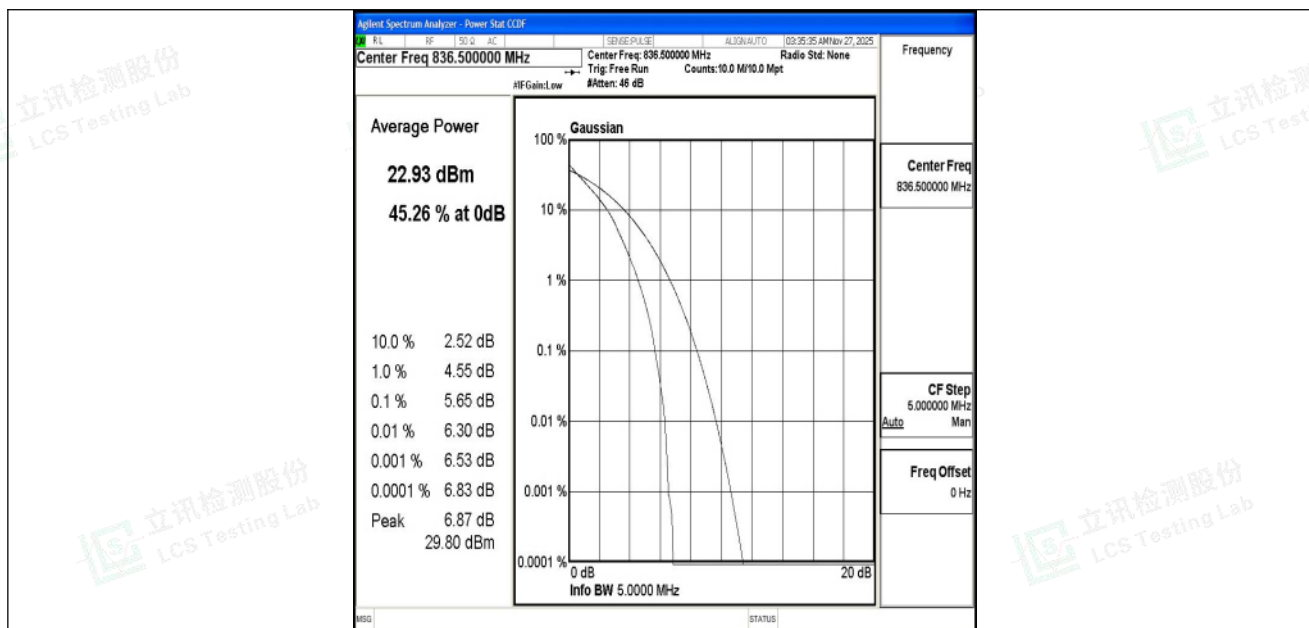


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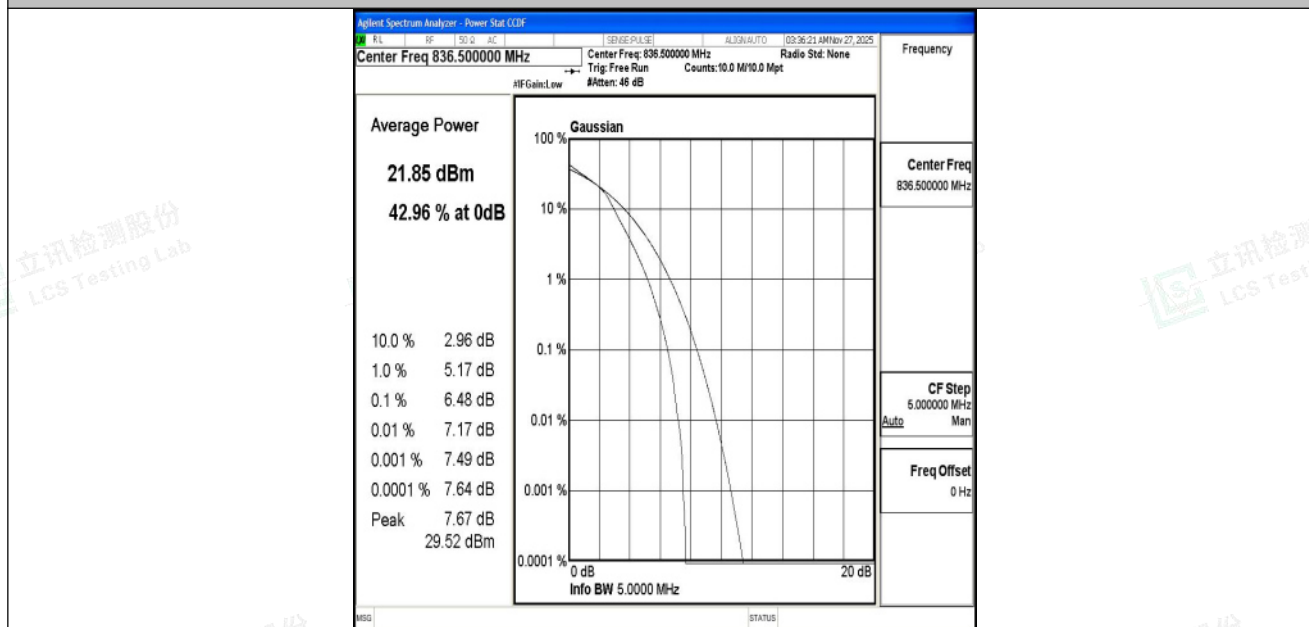


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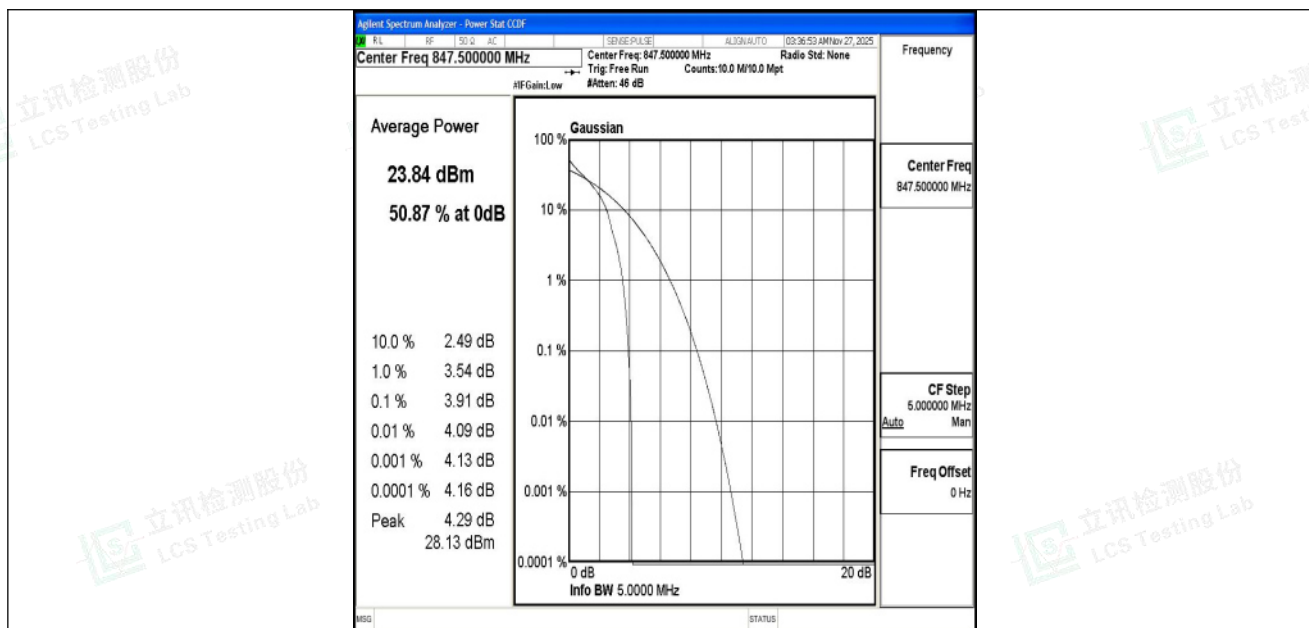


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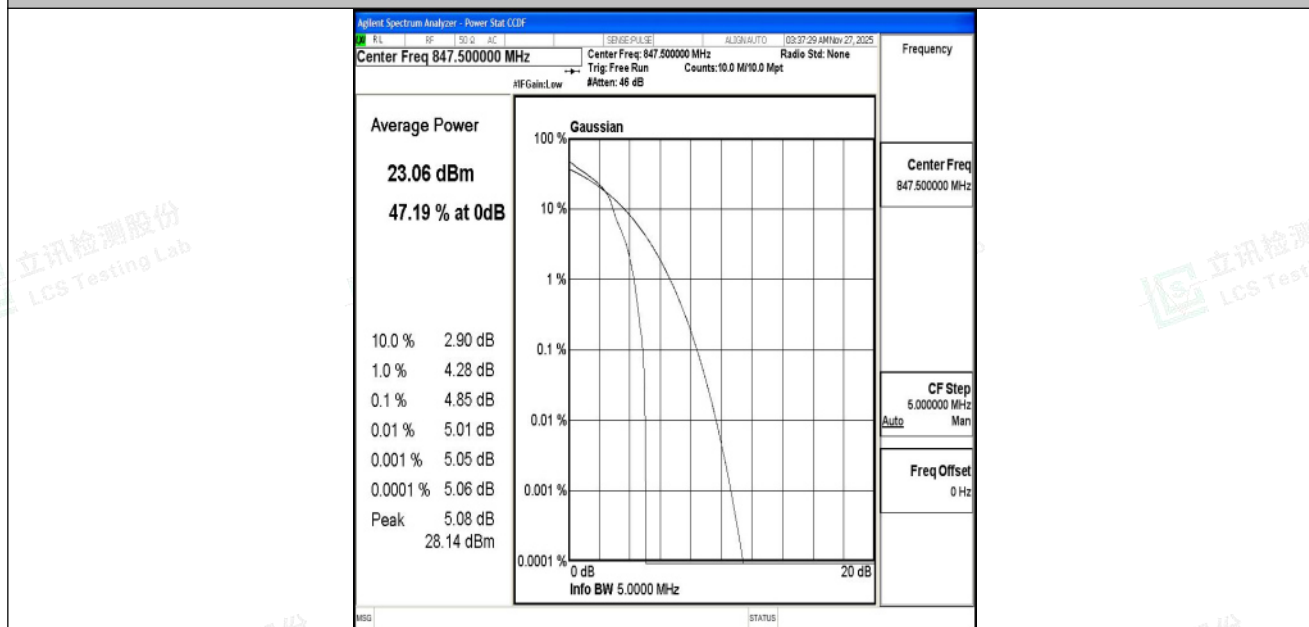


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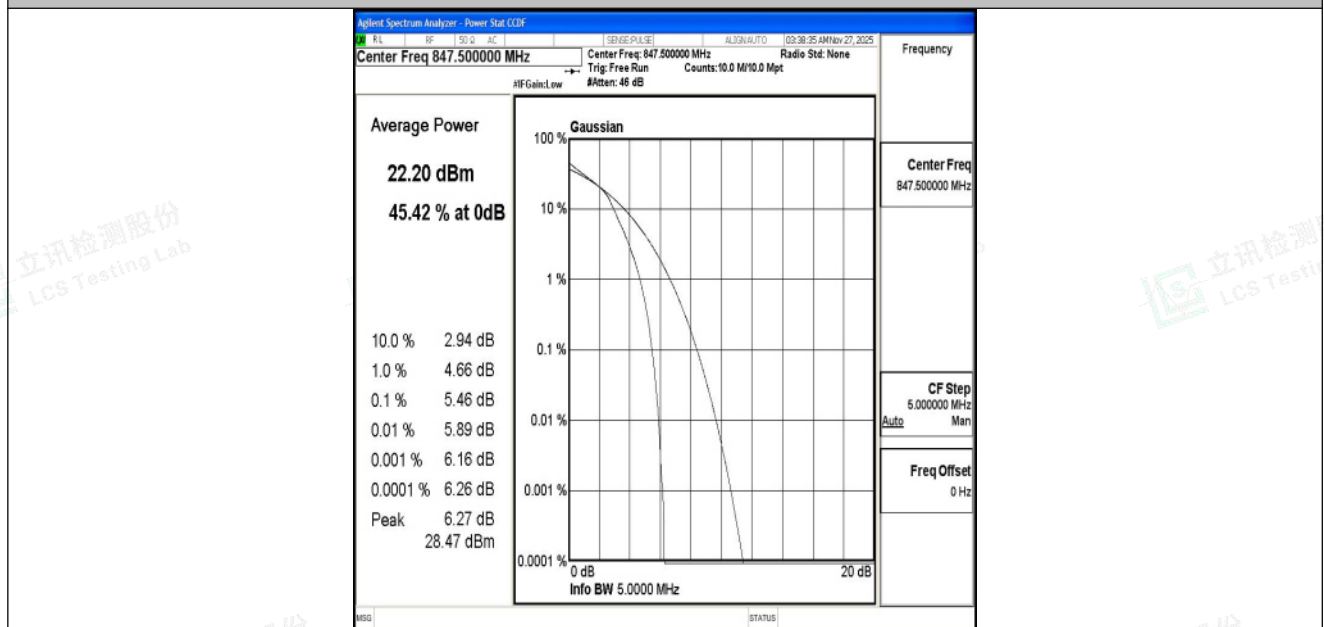
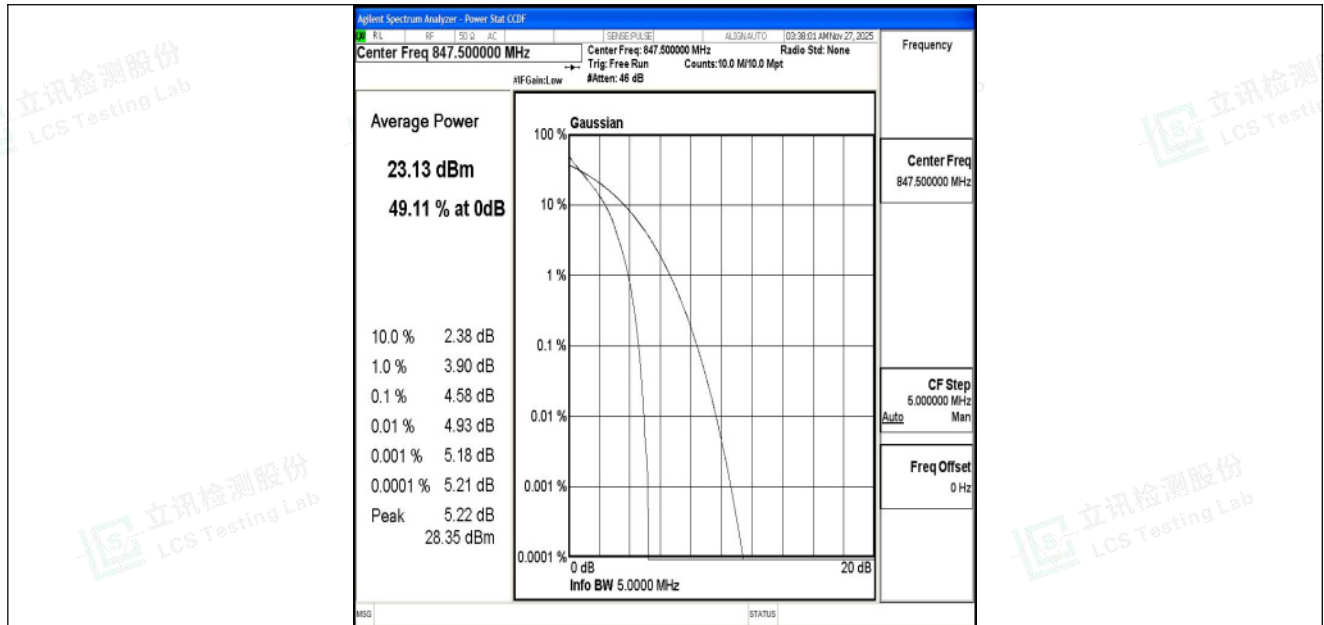


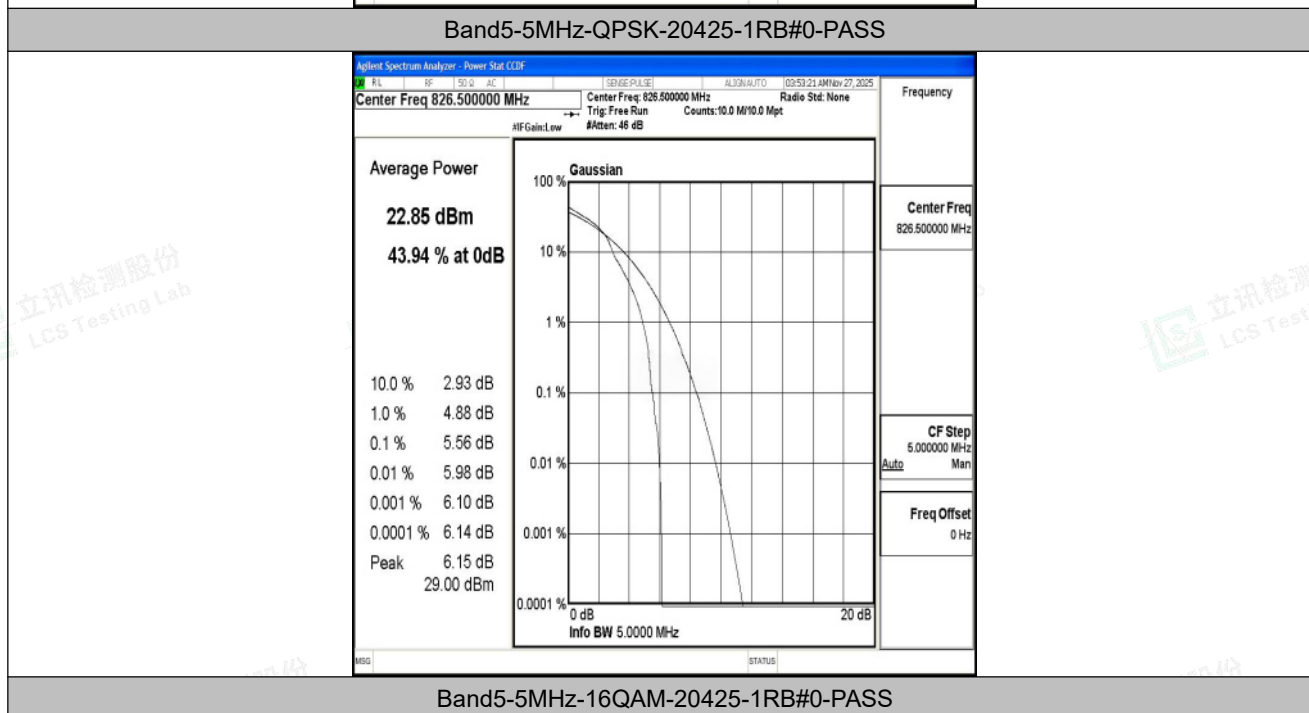
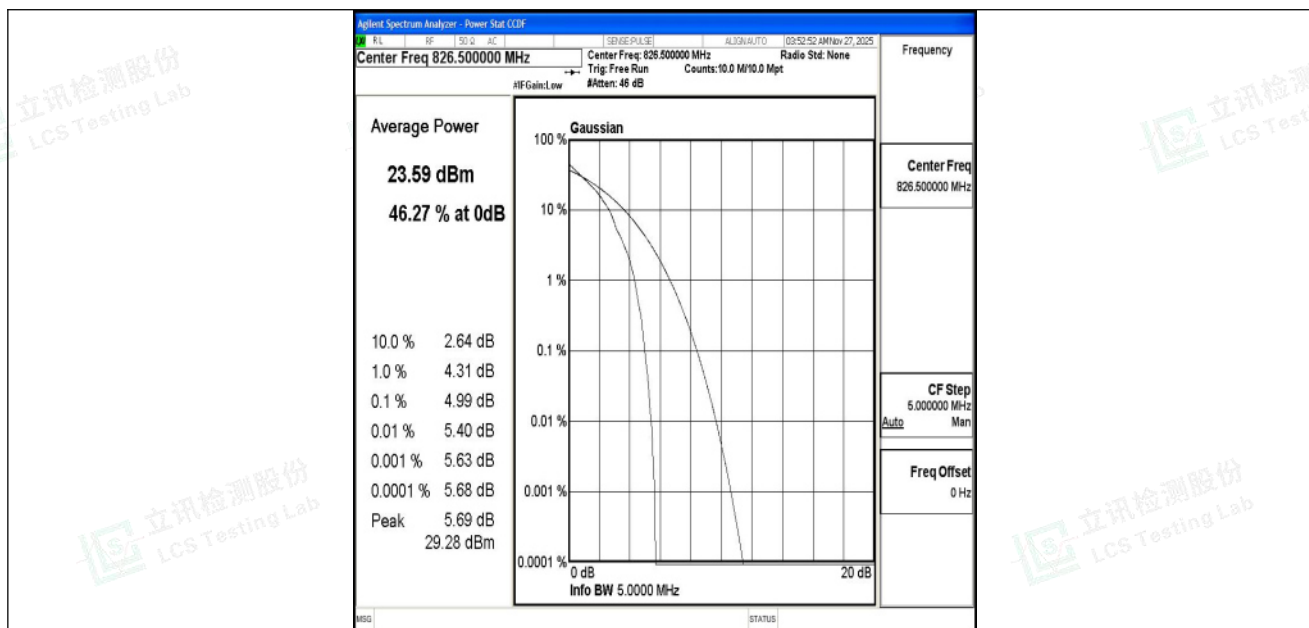
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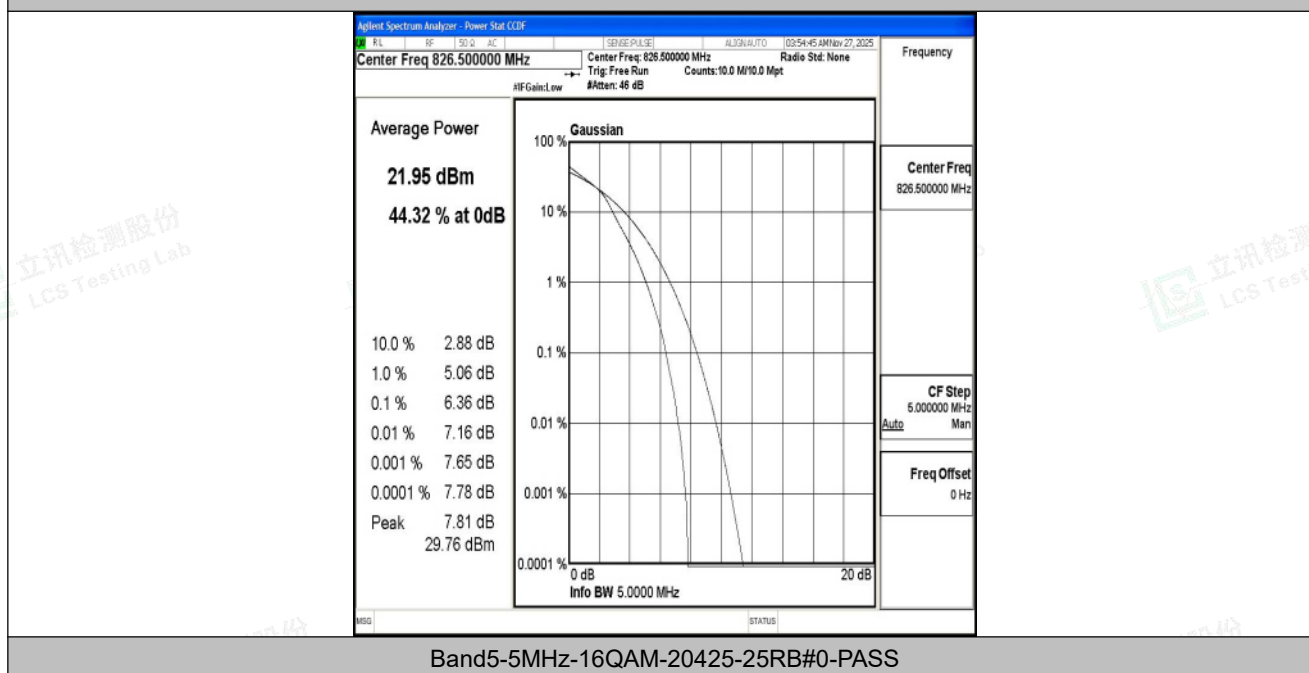
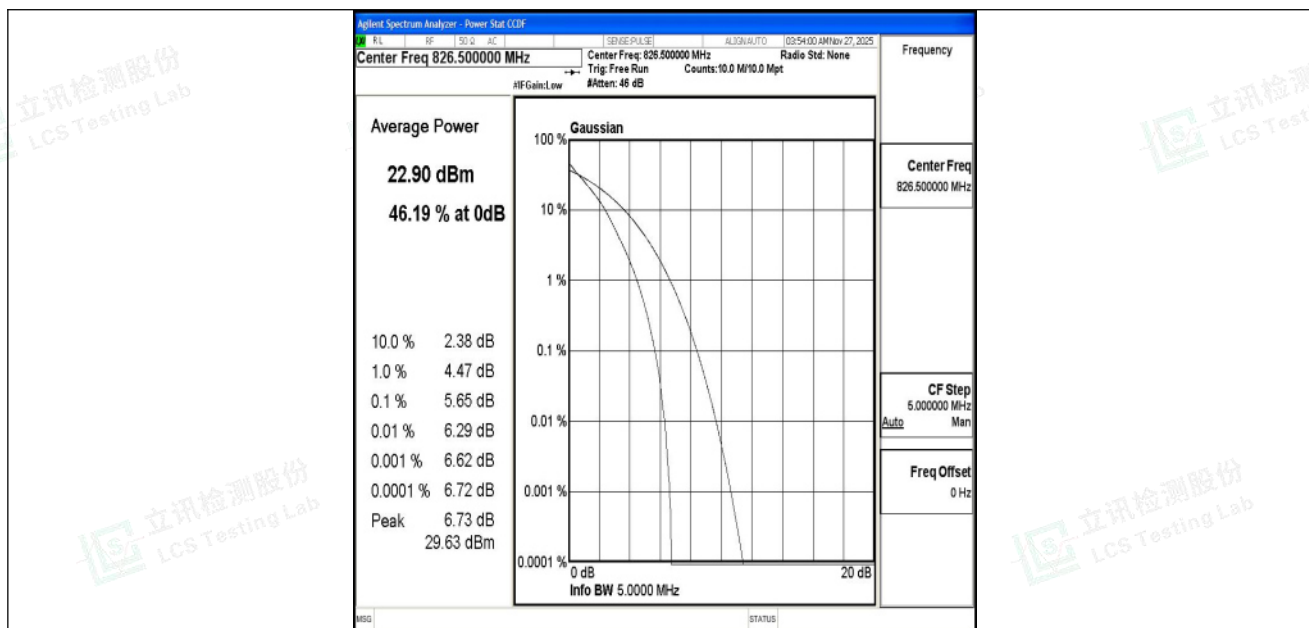


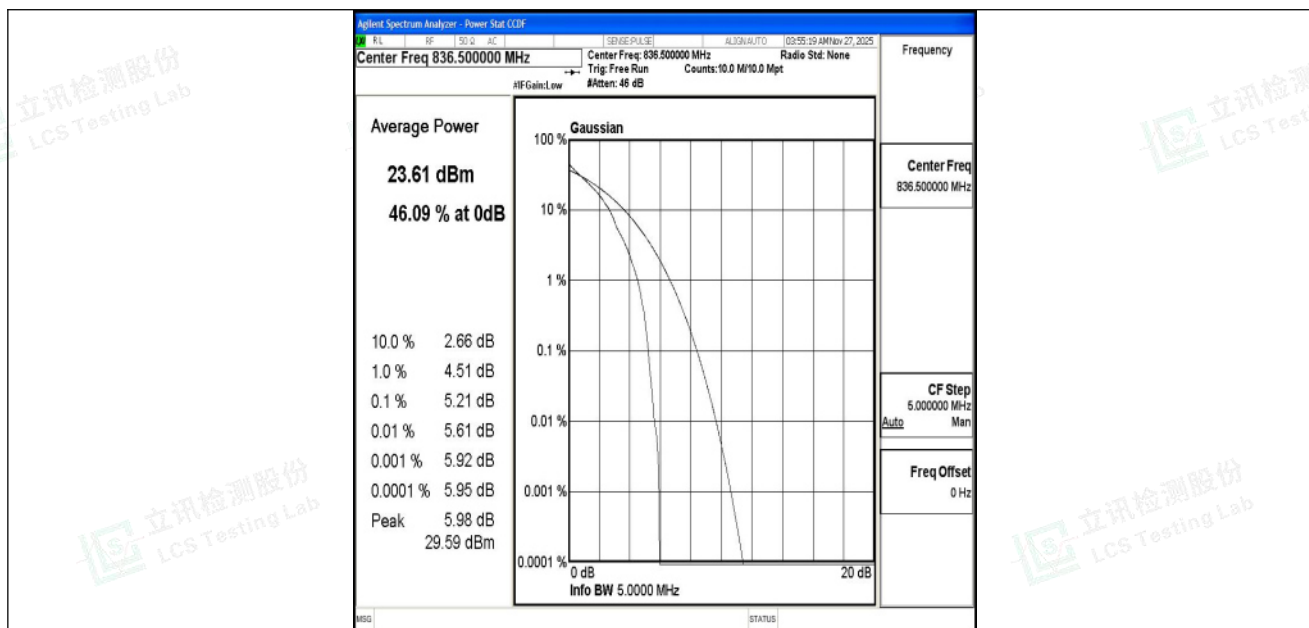
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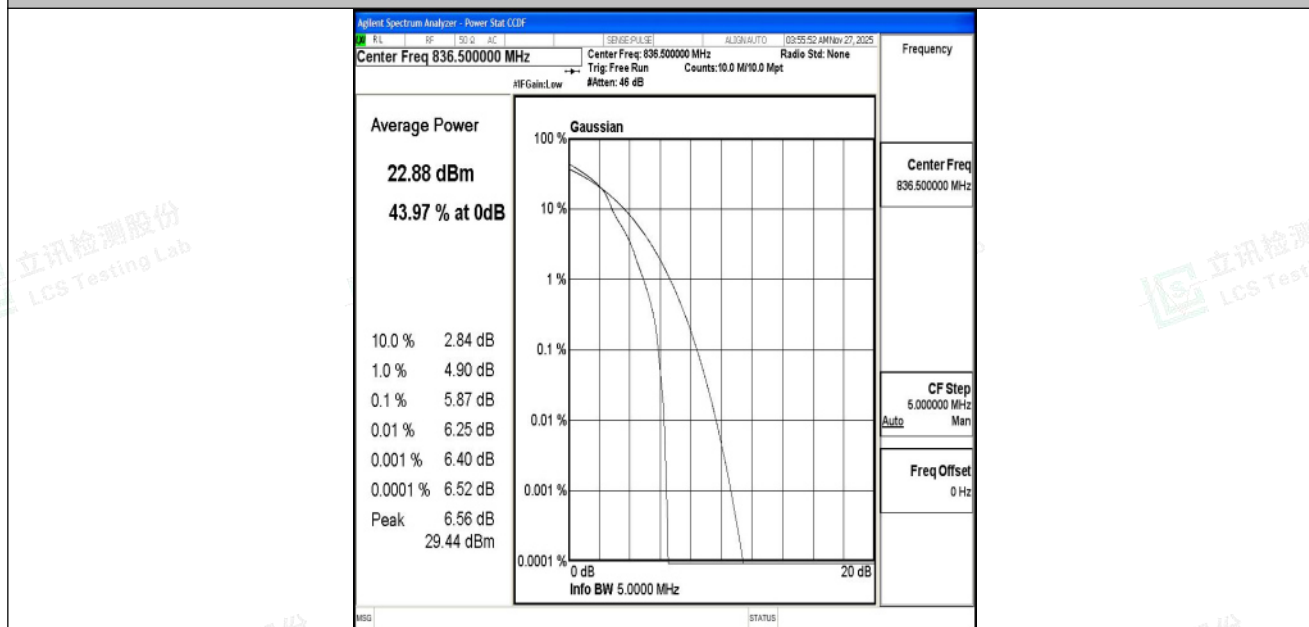






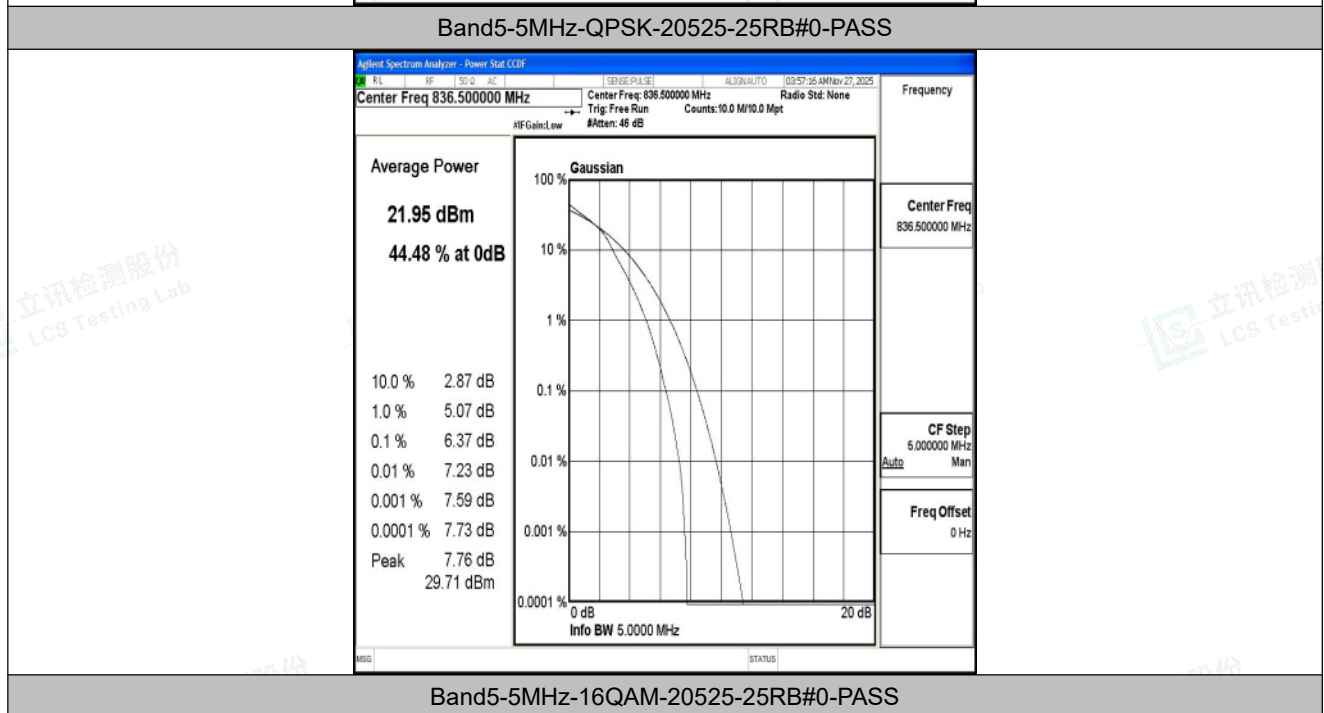
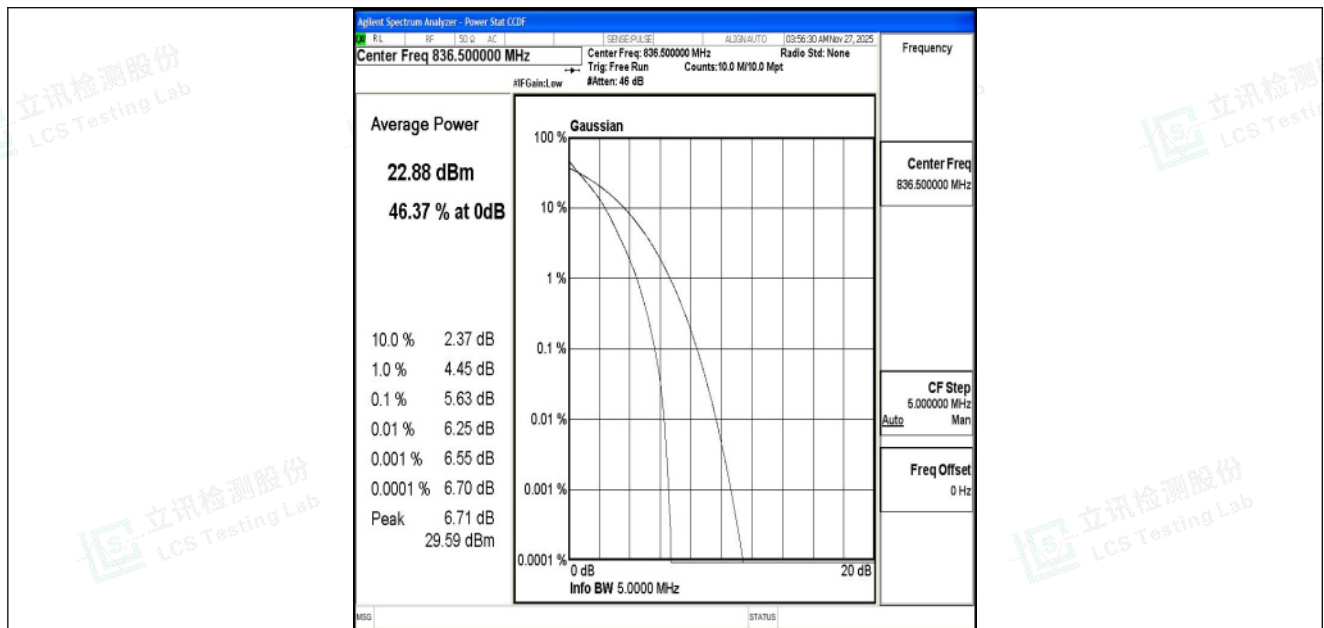


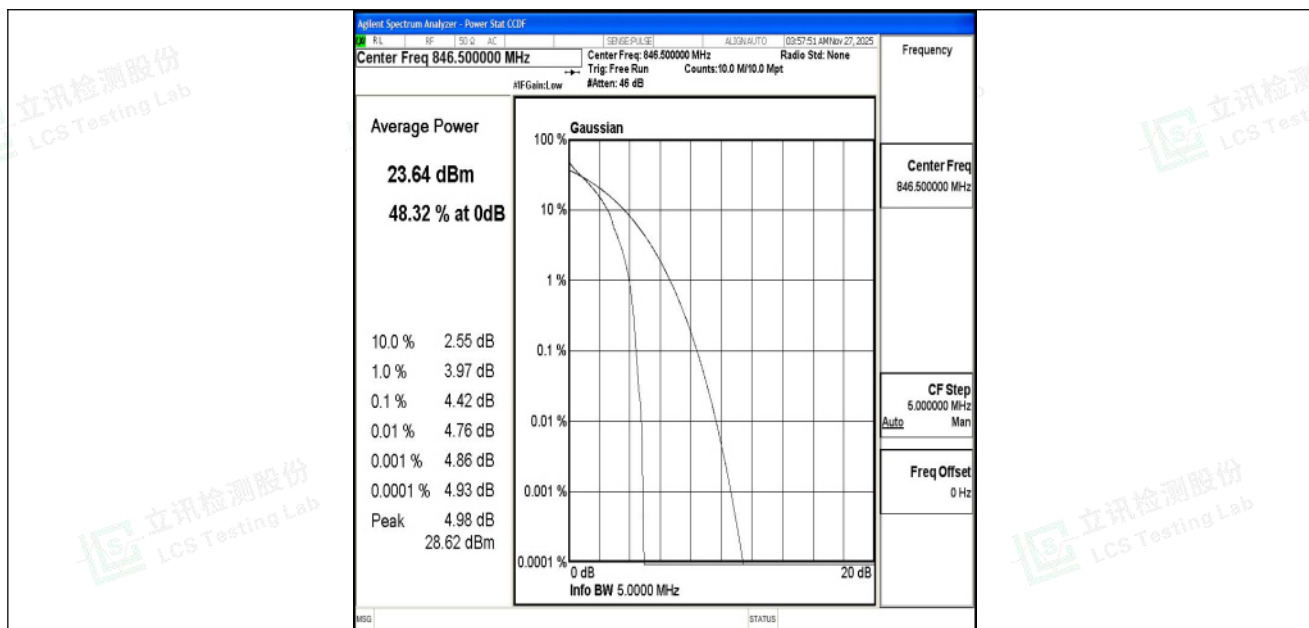
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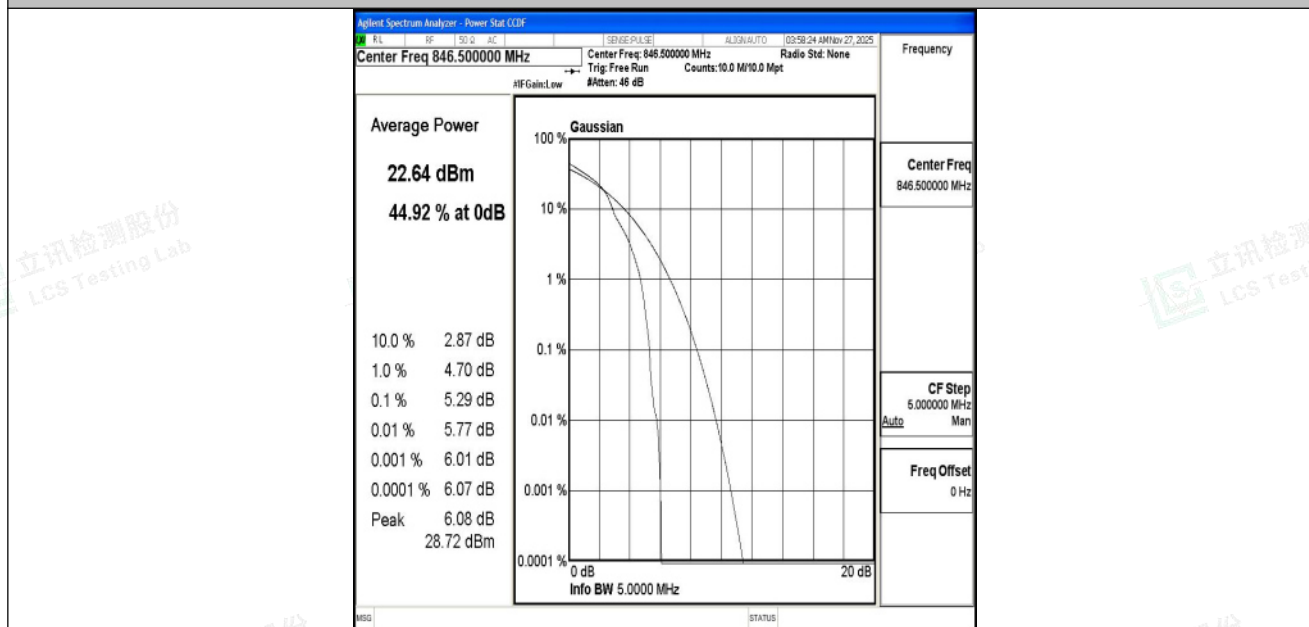
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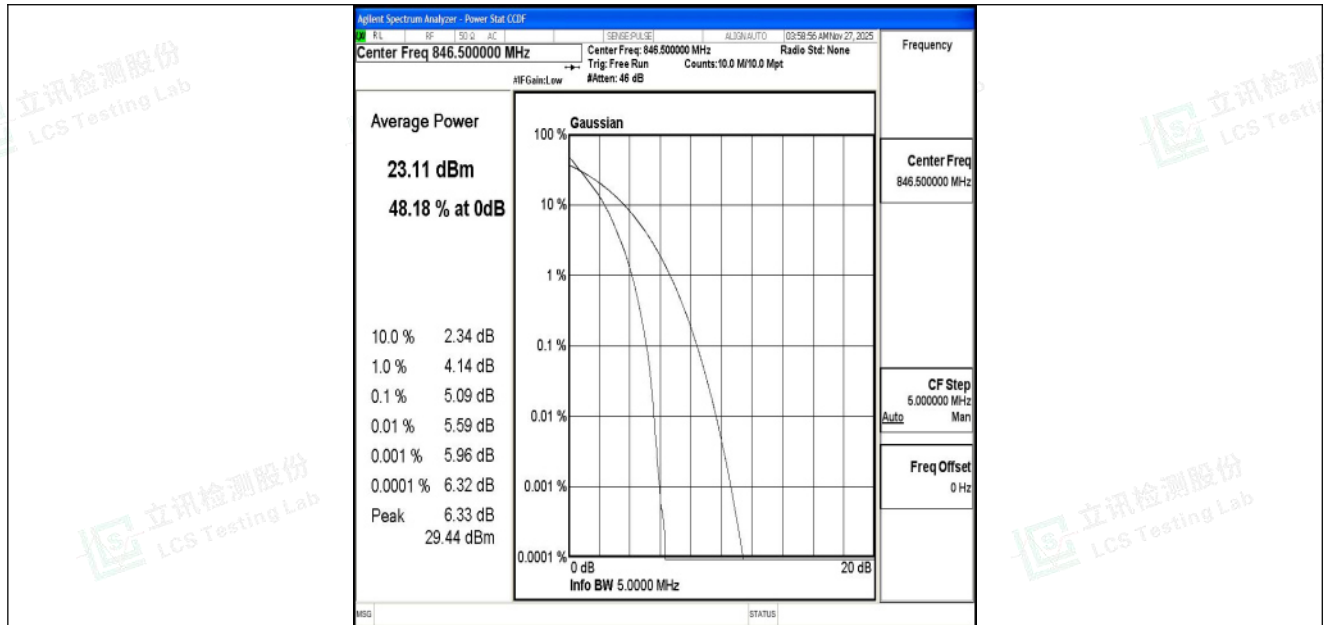


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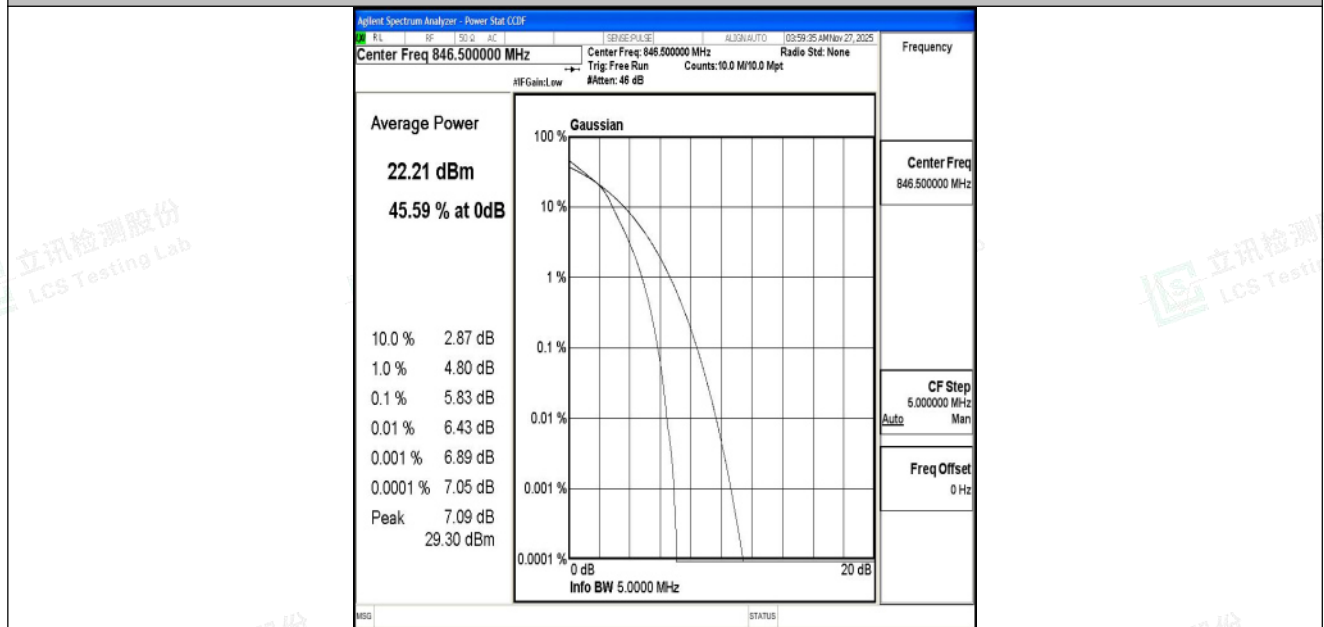


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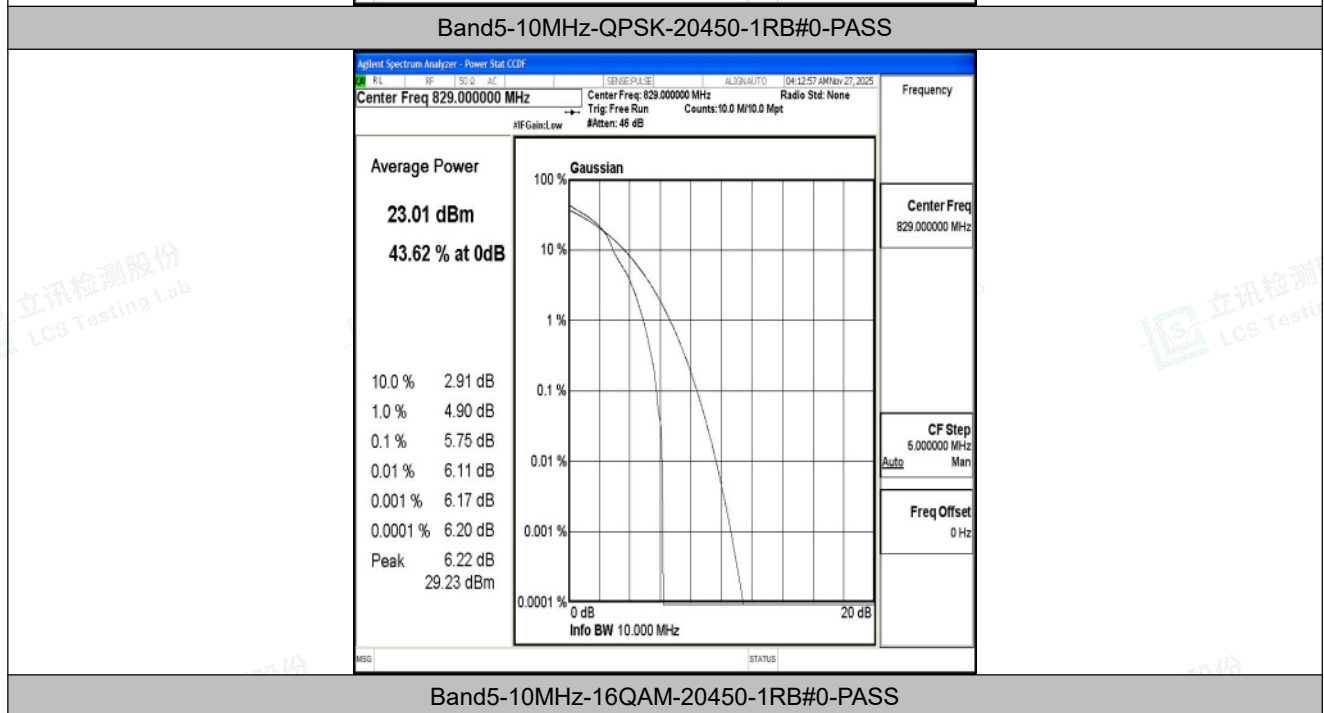
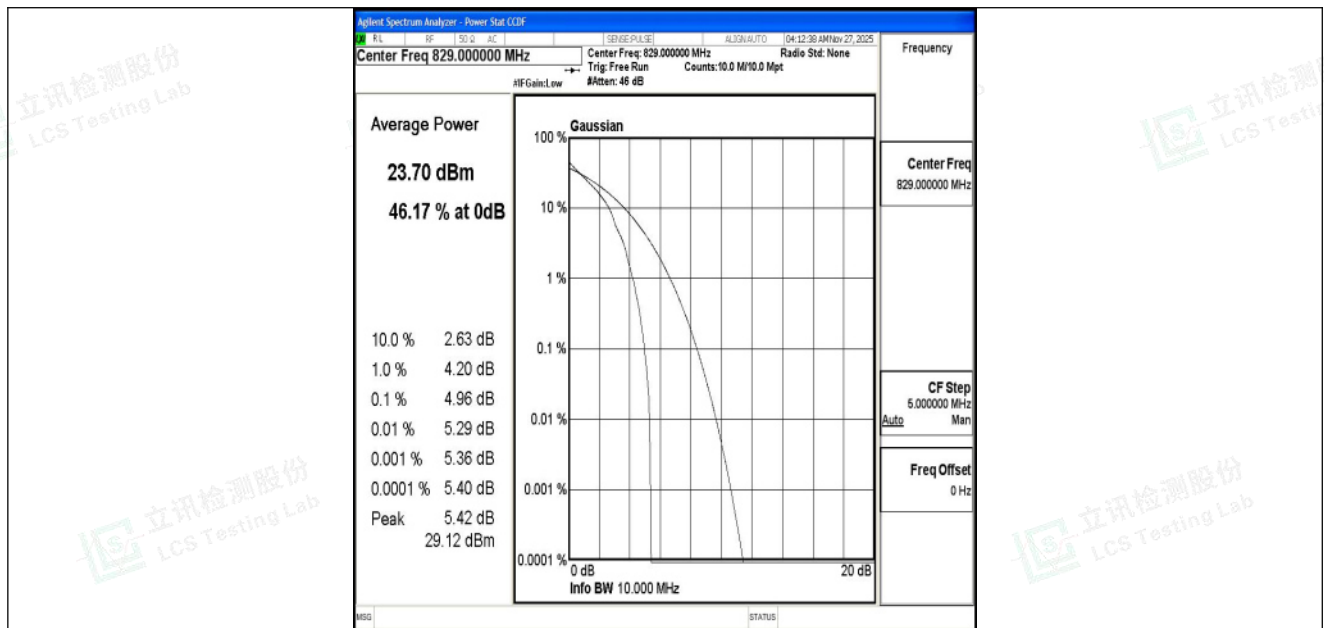


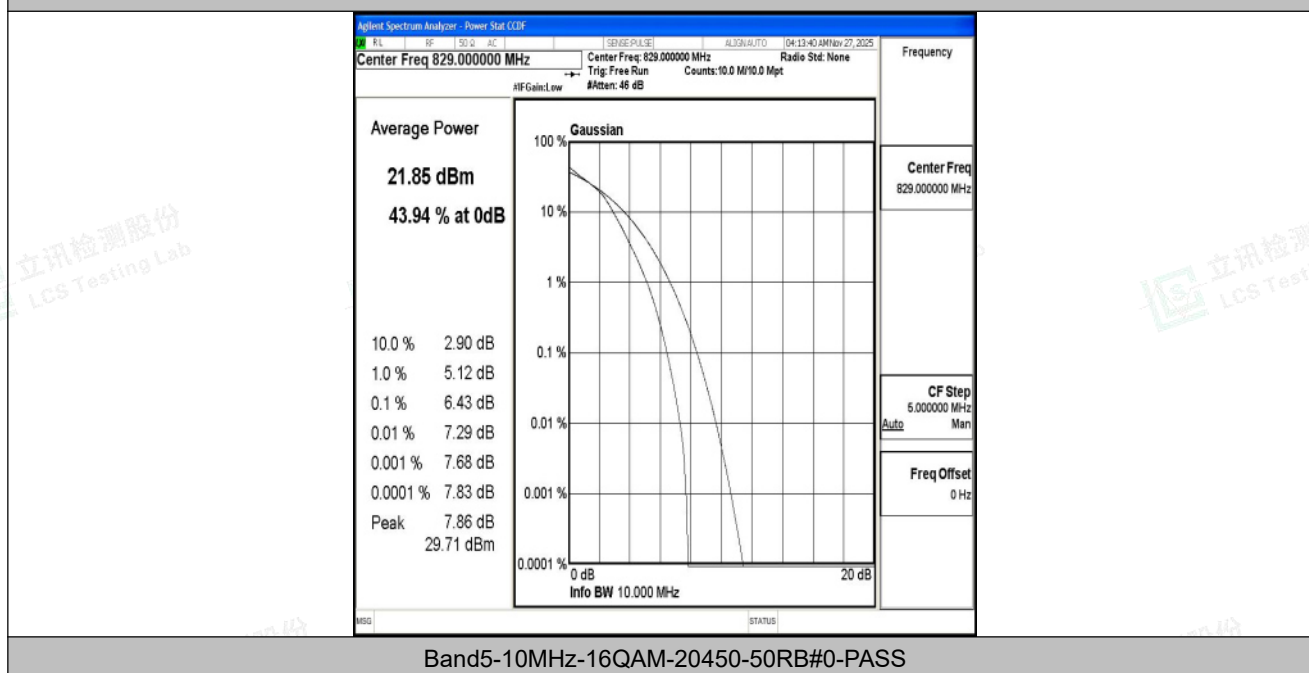
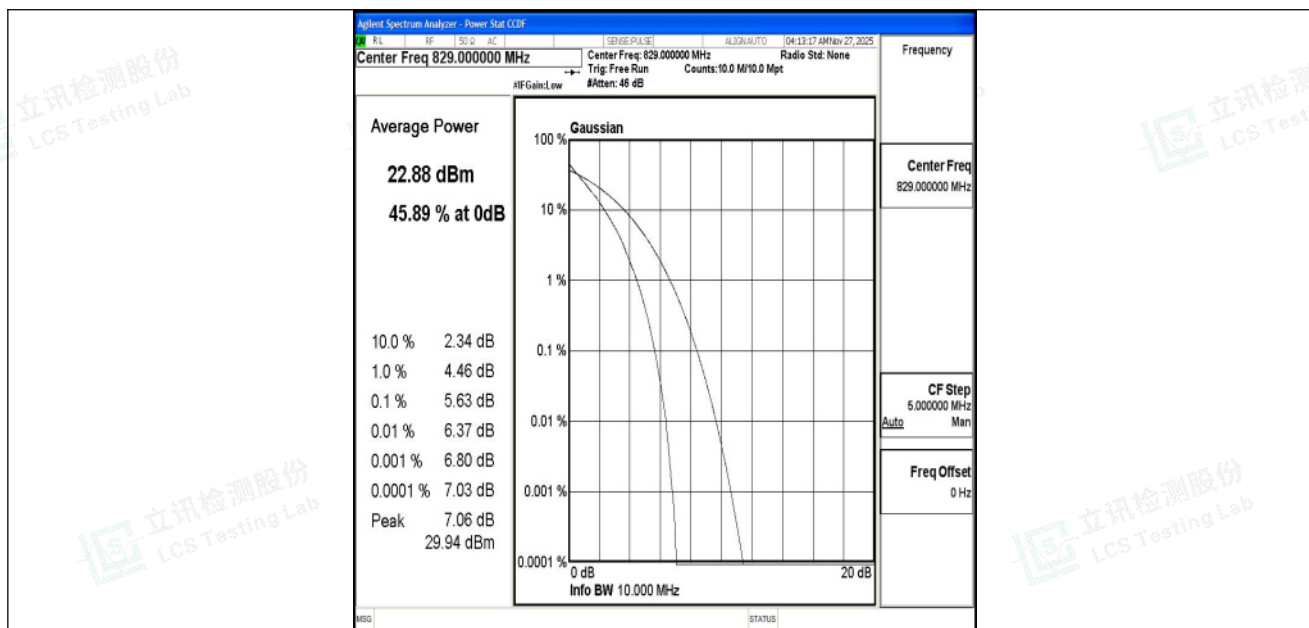
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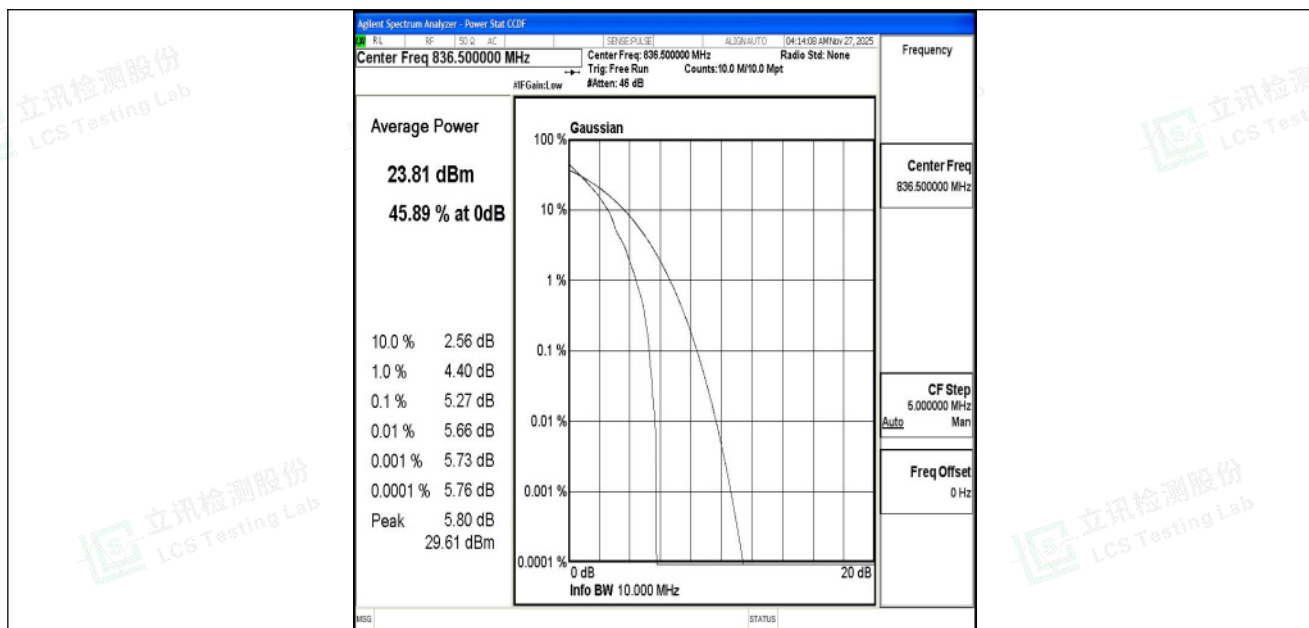


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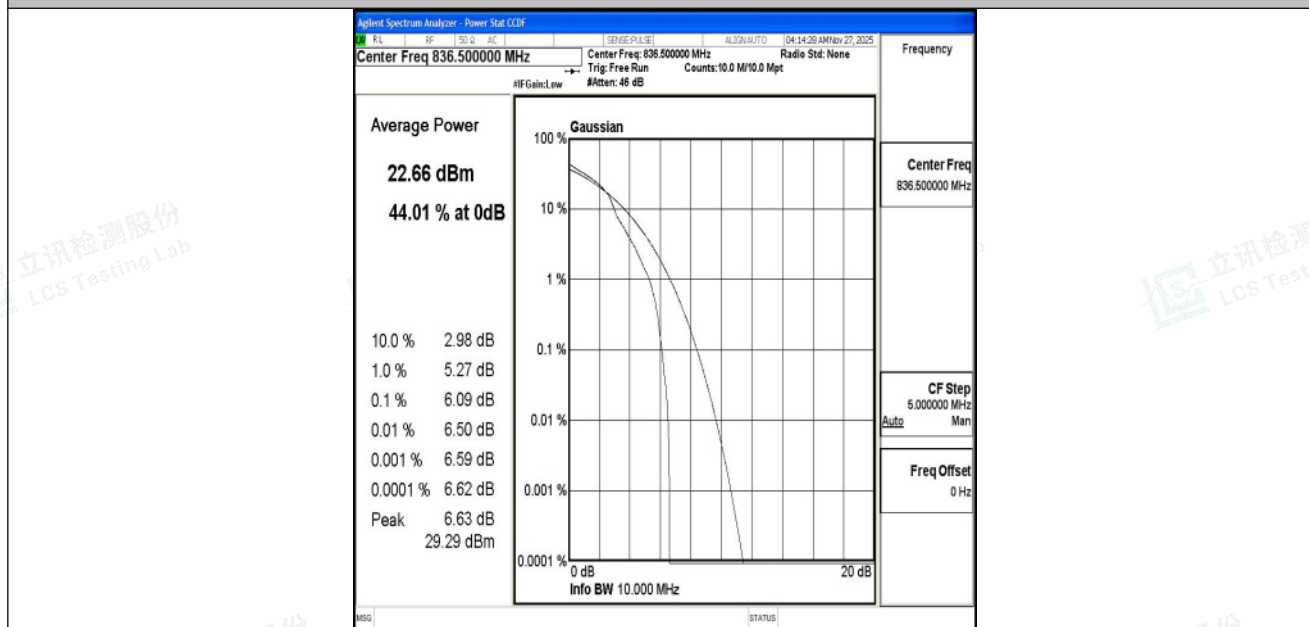






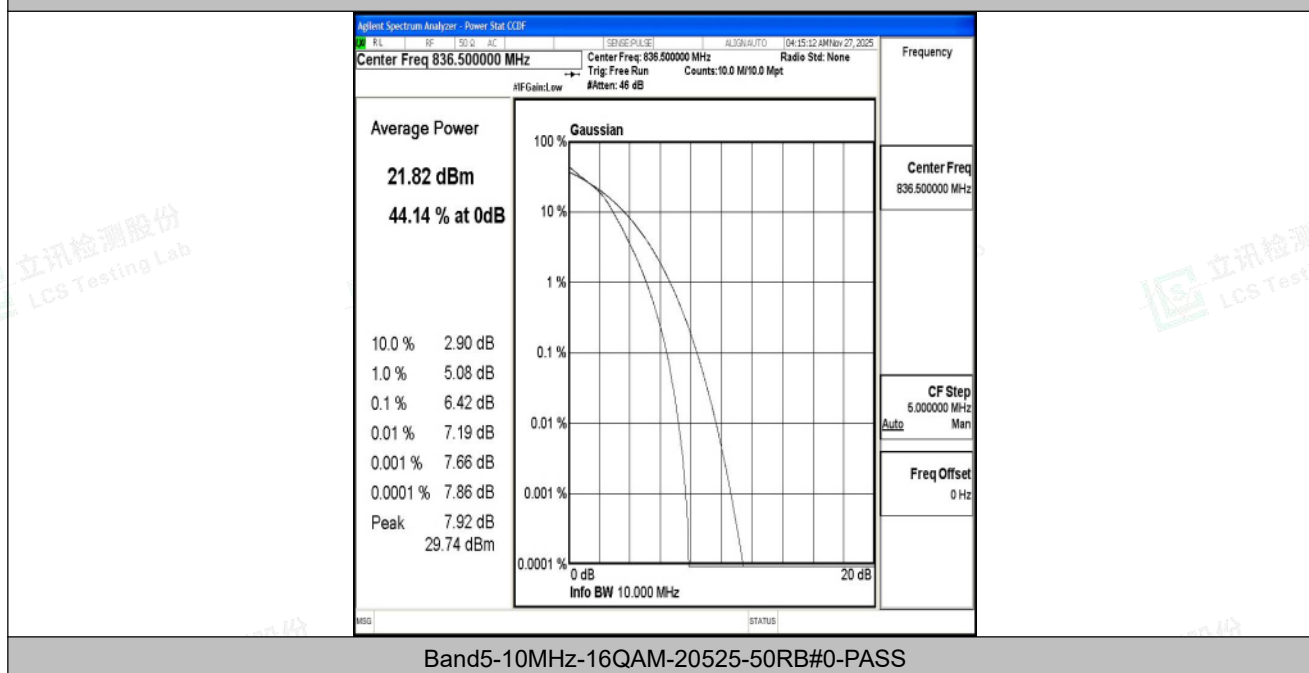
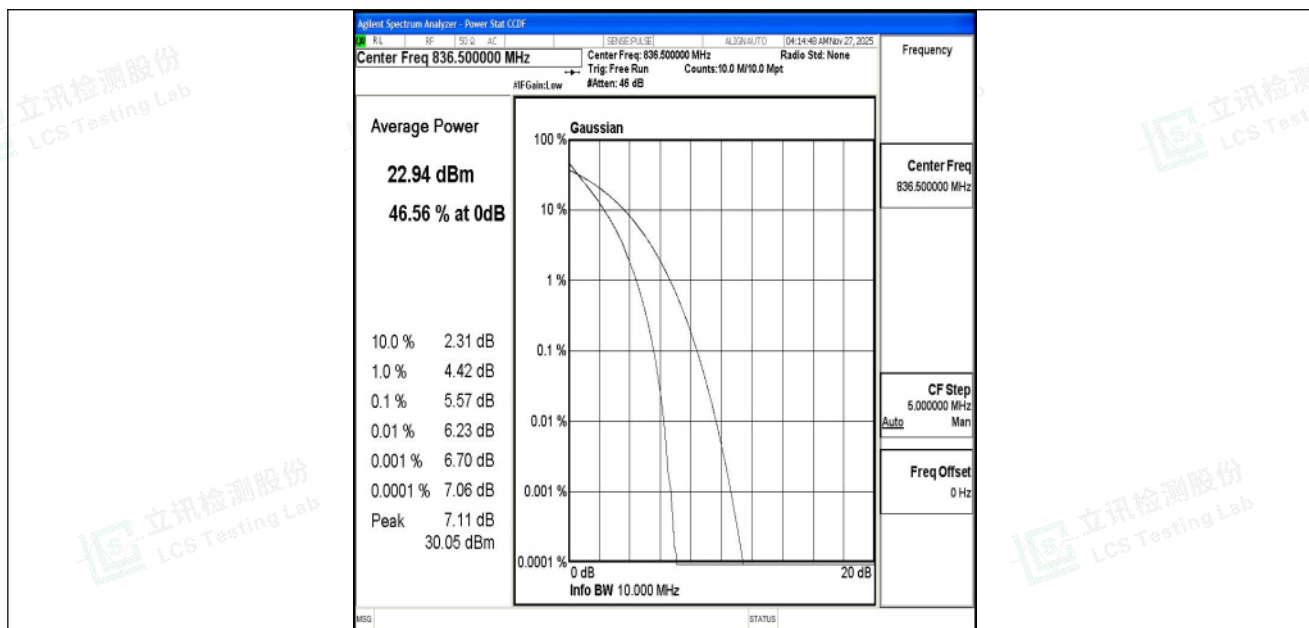


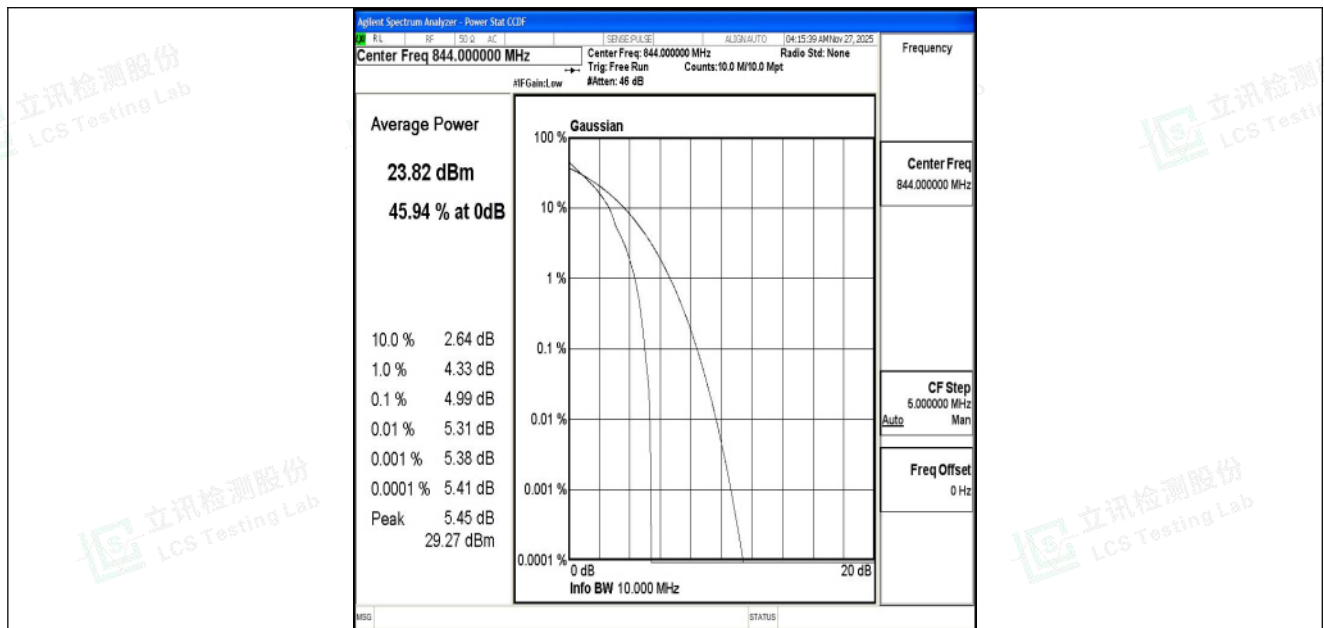
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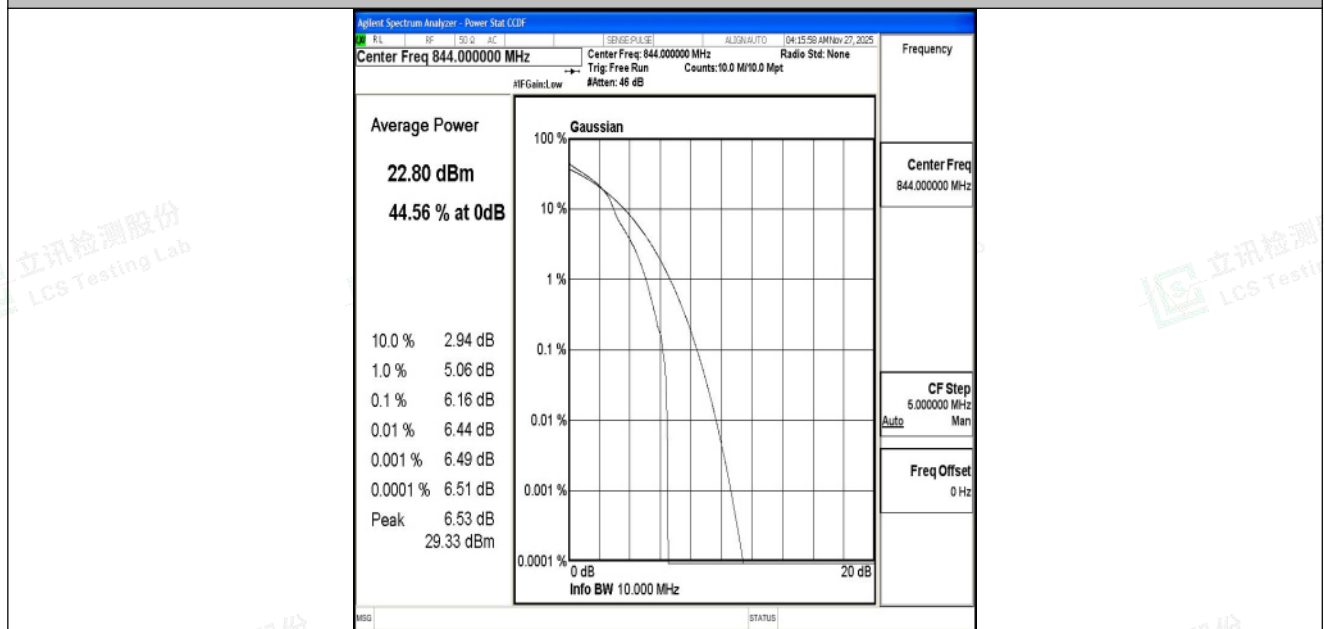
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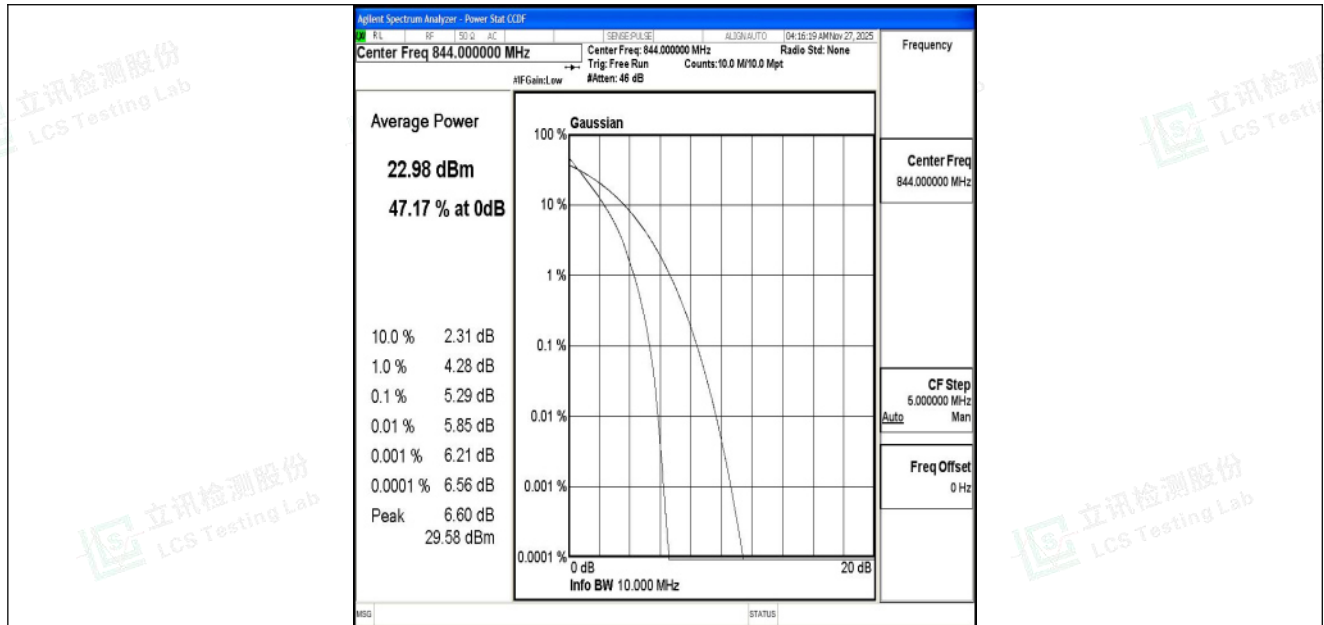


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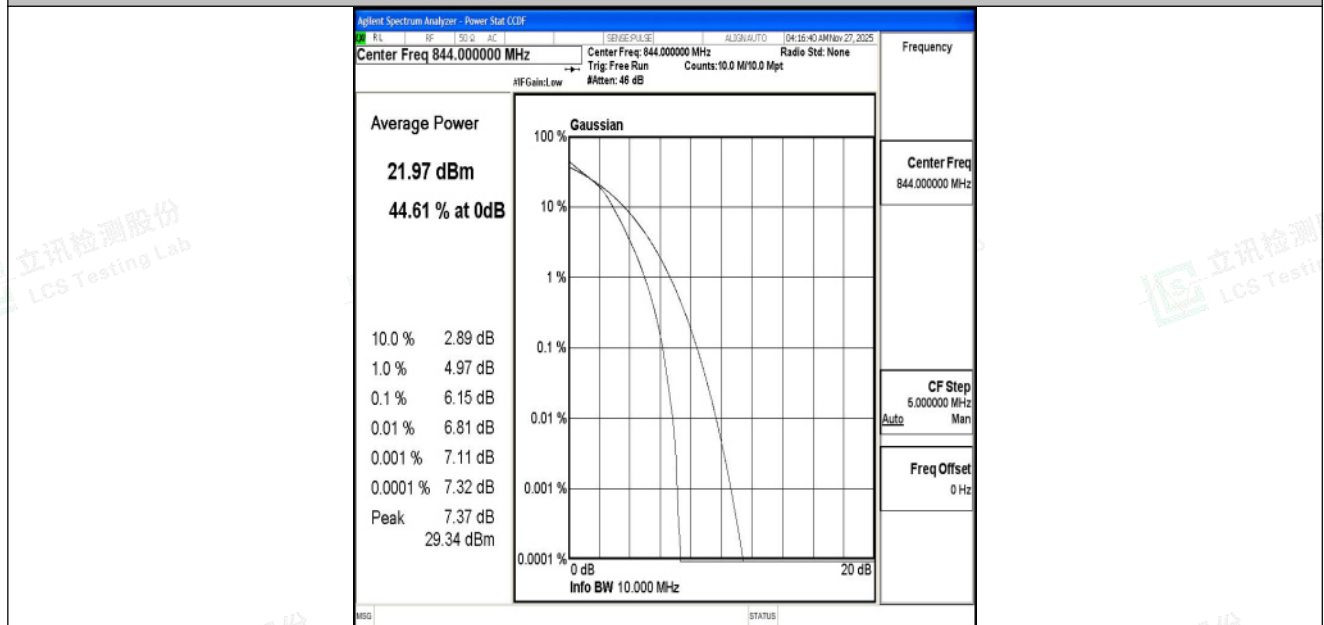


Band5-10MHz-16QAM-20600-1RB#0-PASS





Band5-10MHz-QPSK-20600-50RB#0-PASS



Band5-10MHz-16QAM-20600-50RB#0-PASS





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

#### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 1.0923                   | 1.294                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 1.0991                   | 1.307                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 1.0976                   | 1.287                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 1.0906                   | 1.291                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 1.0937                   | 1.328                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 1.0920                   | 1.275                | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | 2.7420                   | 3.062                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | 2.7262                   | 3.012                | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 2.7330                   | 3.035                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 2.7202                   | 3.042                | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | 2.7448                   | 3.036                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | 2.7286                   | 3.031                | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | 4.5057                   | 5.007                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | 4.4979                   | 4.956                | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 25RB#0           | 4.4900                   | 4.980                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 25RB#0           | 4.4962                   | 4.983                | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | 4.5048                   | 5.003                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 25RB#0           | 4.5123                   | 4.984                | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | 8.9822                   | 9.981                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0           | 8.9606                   | 9.843                | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0           | 8.9596                   | 9.918                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0           | 8.9660                   | 9.861                | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0           | 8.9763                   | 9.825                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0           | 8.9545                   | 9.796                | PASS    |



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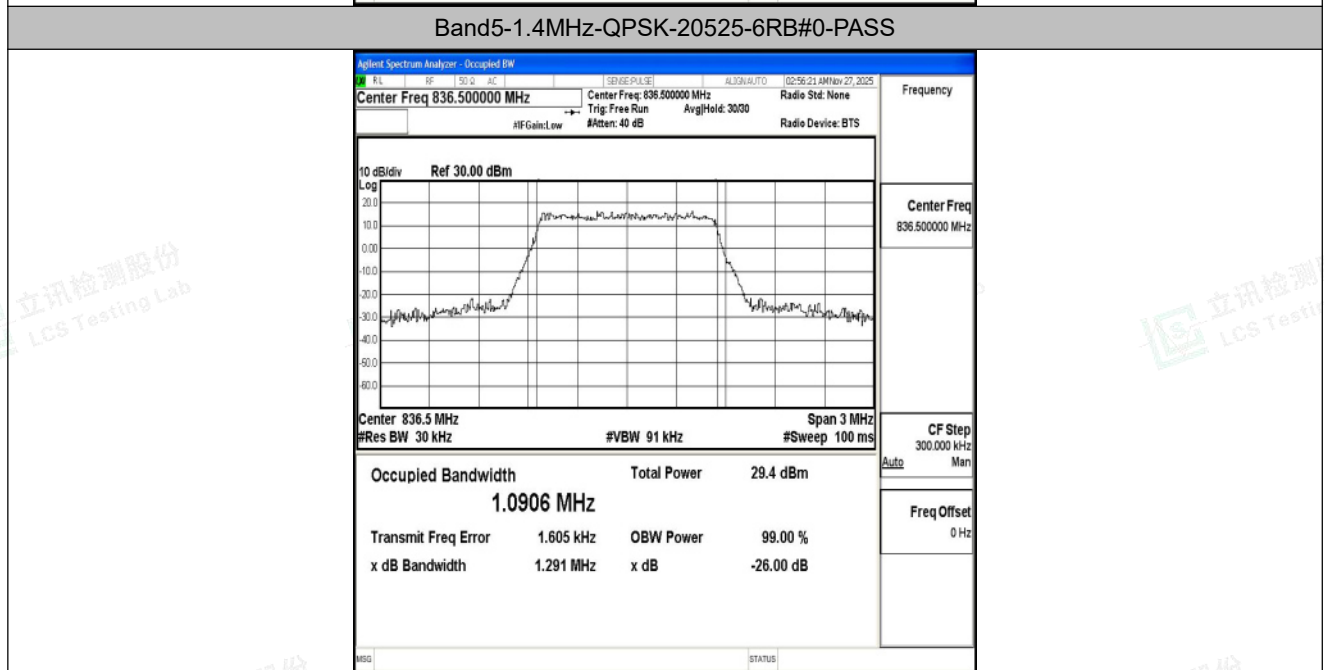
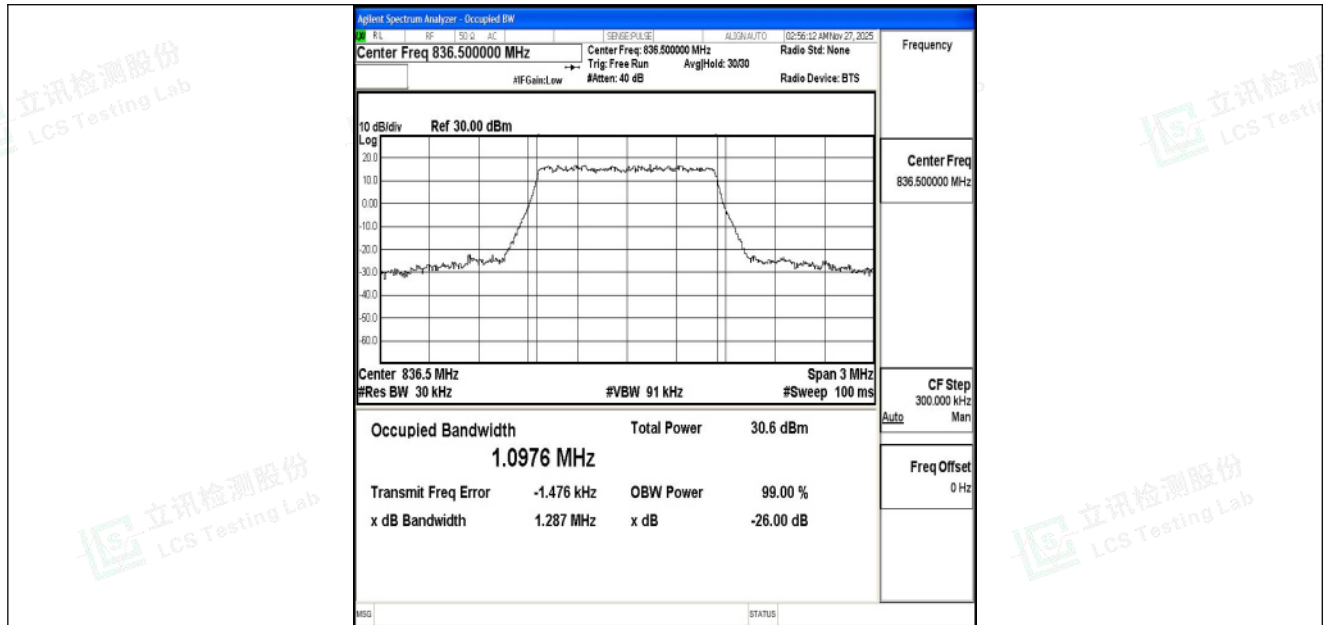
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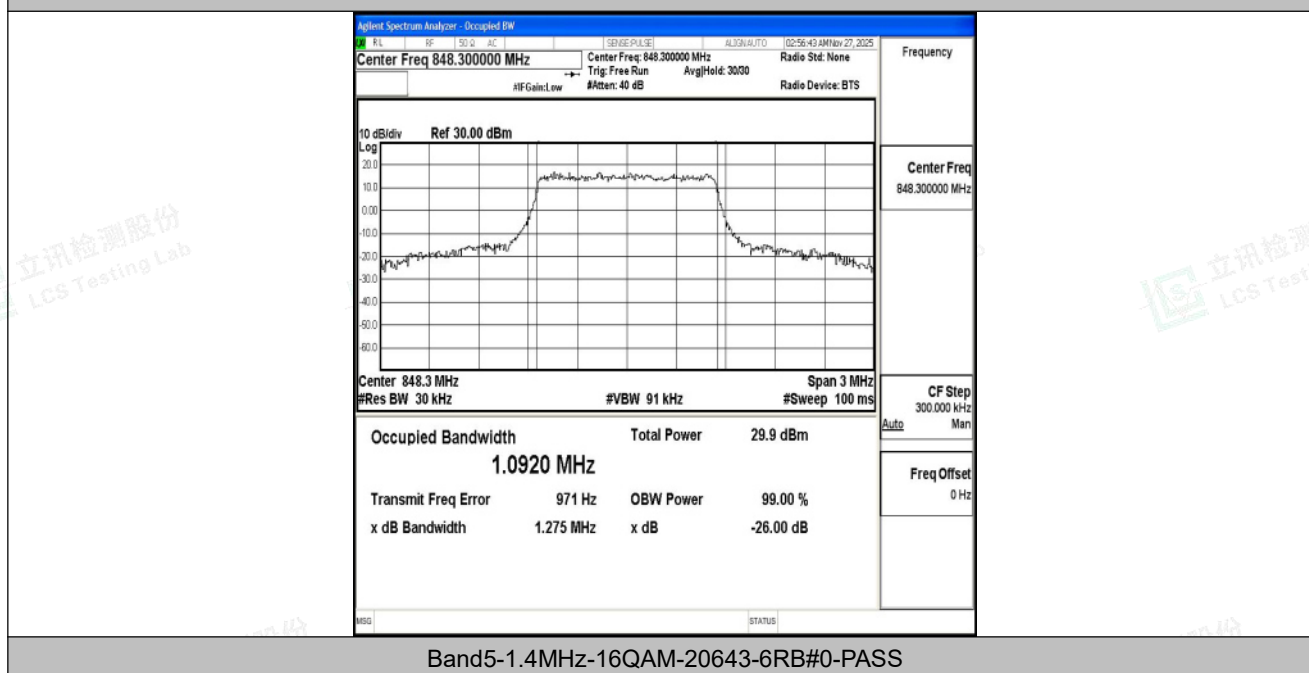
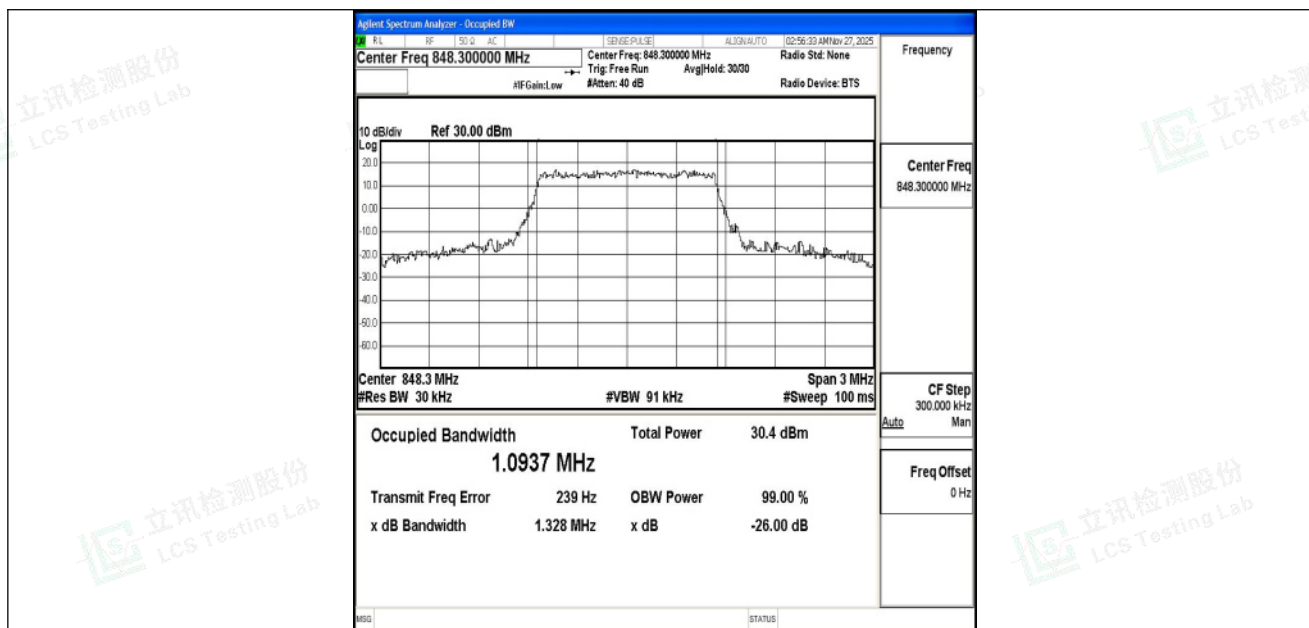
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## Test Graphs





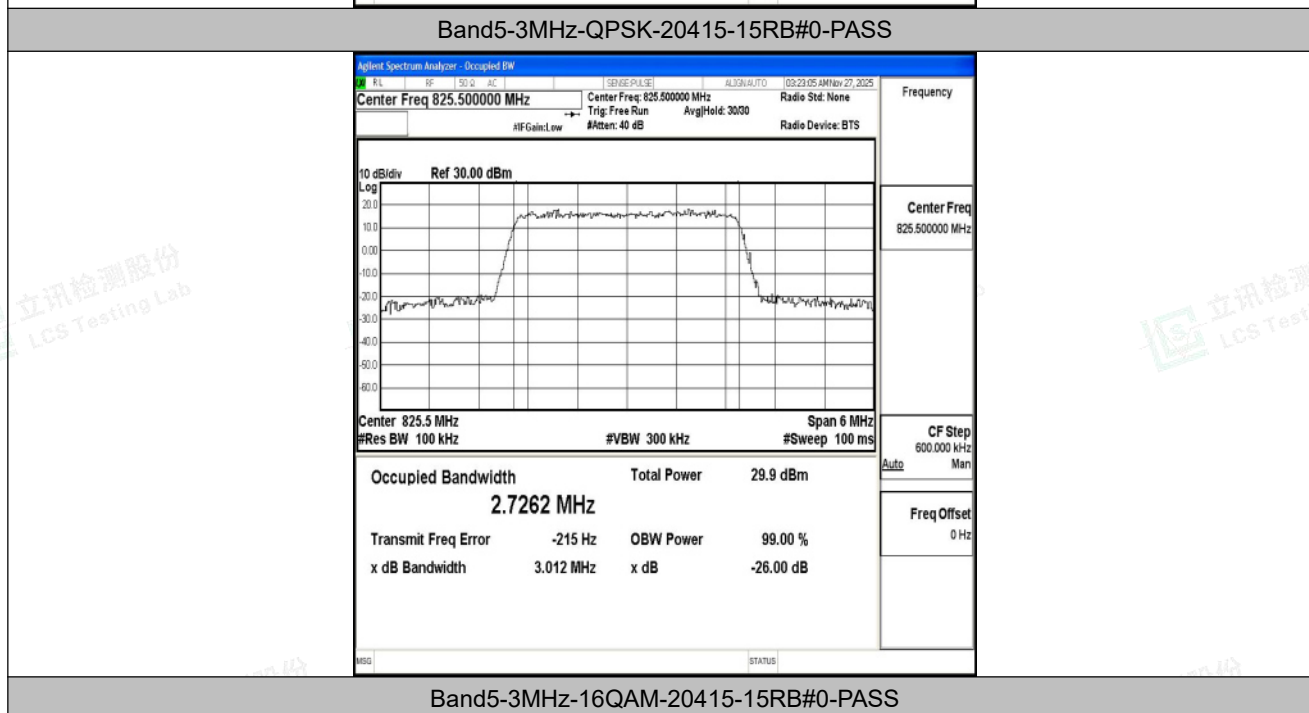
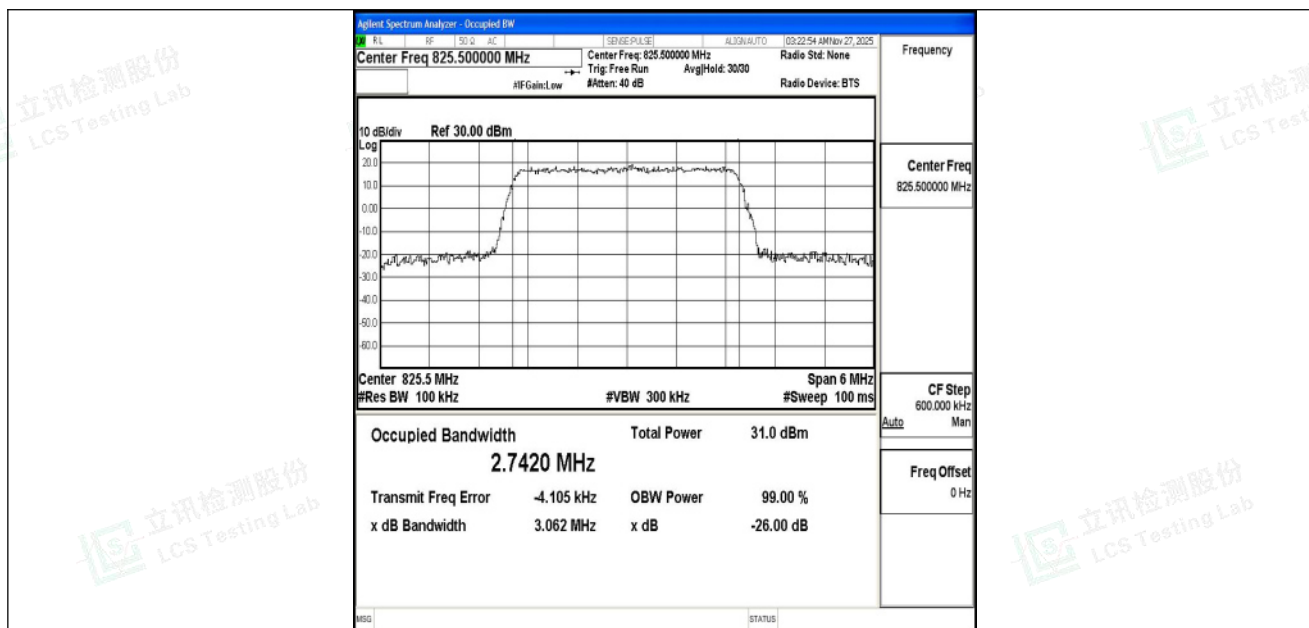


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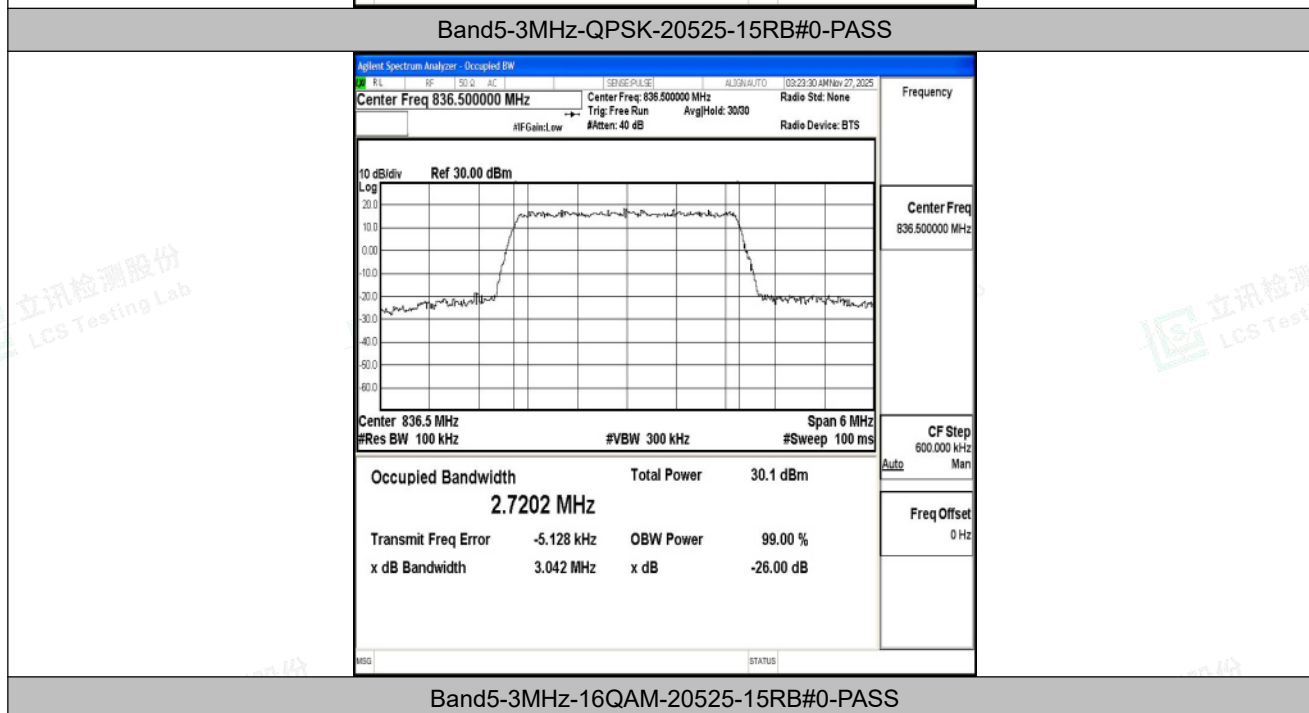
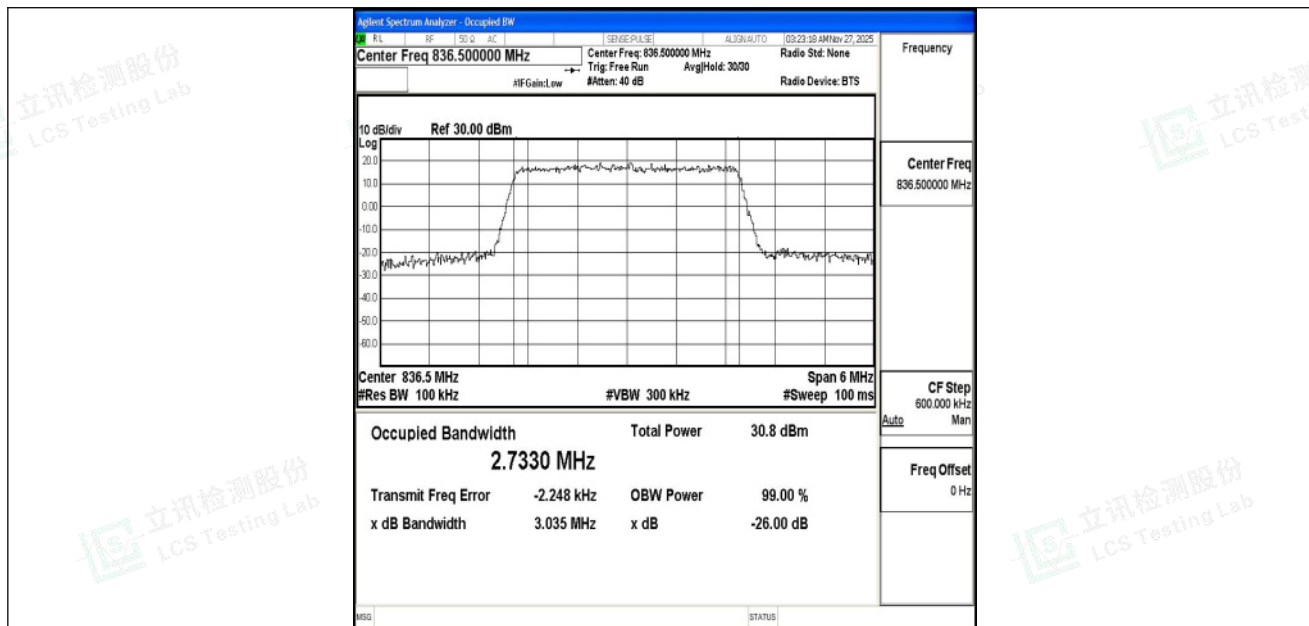


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