



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

**Product Name: SFO1**

**Test Model: SFO1**

### Environmental Conditions

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





## S.1 Conducted Output Power Data

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#0            | 22.85       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 1RB#0            | 21.73       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#12           | 22.97       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 1RB#12           | 21.84       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#24           | 22.90       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 1RB#24           | 21.79       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 12RB#0           | 21.84       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 12RB#0           | 20.89       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 12RB#6           | 21.87       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 12RB#6           | 20.91       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 12RB#13          | 21.91       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 12RB#13          | 20.86       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 25RB#0           | 21.91       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 25RB#0           | 20.96       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#0            | 22.83       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 1RB#0            | 21.81       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#12           | 22.97       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 1RB#12           | 21.89       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#24           | 22.80       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 1RB#24           | 21.77       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 12RB#0           | 21.87       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 12RB#0           | 20.86       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 12RB#6           | 21.89       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 12RB#6           | 20.88       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 12RB#13          | 21.87       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 12RB#13          | 20.82       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 25RB#0           | 21.90       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 25RB#0           | 20.90       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#0            | 22.78       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 1RB#0            | 21.85       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#12           | 22.78       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 1RB#12           | 21.89       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#24           | 22.77       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 1RB#24           | 21.89       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 12RB#0           | 21.83       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 12RB#0           | 20.88       | PASS    |





|        |       |       |        |         |       |      |
|--------|-------|-------|--------|---------|-------|------|
| Band71 | 5MHz  | QPSK  | 133447 | 12RB#6  | 21.82 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 12RB#6  | 20.87 | PASS |
| Band71 | 5MHz  | QPSK  | 133447 | 12RB#13 | 21.75 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 12RB#13 | 20.79 | PASS |
| Band71 | 5MHz  | QPSK  | 133447 | 25RB#0  | 21.83 | PASS |
| Band71 | 5MHz  | 16QAM | 133447 | 25RB#0  | 20.84 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 1RB#0   | 22.89 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 1RB#0   | 21.91 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 1RB#24  | 22.97 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 1RB#24  | 22.05 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 1RB#49  | 22.81 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 1RB#49  | 21.94 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 25RB#0  | 21.89 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 25RB#0  | 20.90 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 25RB#12 | 21.97 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 25RB#12 | 20.92 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 25RB#25 | 21.99 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 25RB#25 | 21.00 | PASS |
| Band71 | 10MHz | QPSK  | 133172 | 50RB#0  | 21.92 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 50RB#0  | 20.93 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 1RB#0   | 22.99 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#0   | 21.85 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 1RB#24  | 23.06 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#24  | 21.76 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 1RB#49  | 22.59 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#49  | 21.37 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 25RB#0  | 21.81 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 25RB#0  | 21.02 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 25RB#12 | 22.02 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 25RB#12 | 21.00 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 25RB#25 | 21.95 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 25RB#25 | 20.96 | PASS |
| Band71 | 10MHz | QPSK  | 133297 | 50RB#0  | 22.00 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 50RB#0  | 21.00 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 1RB#0   | 22.82 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#0   | 21.69 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 1RB#24  | 22.99 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#24  | 21.73 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 1RB#49  | 22.64 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#49  | 21.60 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 25RB#0  | 22.03 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 25RB#0  | 21.05 | PASS |



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Scan code to check authenticity



|        |       |       |        |         |       |      |
|--------|-------|-------|--------|---------|-------|------|
| Band71 | 10MHz | QPSK  | 133422 | 25RB#12 | 22.01 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 25RB#12 | 21.07 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 25RB#25 | 21.85 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 25RB#25 | 20.92 | PASS |
| Band71 | 10MHz | QPSK  | 133422 | 50RB#0  | 21.94 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 50RB#0  | 20.92 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#0   | 22.82 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#0   | 21.88 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#38  | 22.92 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#38  | 21.99 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 1RB#74  | 22.84 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#74  | 21.93 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 38RB#0  | 21.88 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 38RB#0  | 21.88 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 38RB#18 | 21.96 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 38RB#18 | 22.02 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 38RB#37 | 21.88 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 38RB#37 | 21.88 | PASS |
| Band71 | 15MHz | QPSK  | 133197 | 75RB#0  | 21.98 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 75RB#0  | 20.92 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 1RB#0   | 22.78 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#0   | 22.01 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 1RB#38  | 22.84 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#38  | 22.06 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 1RB#74  | 22.76 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#74  | 21.93 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 38RB#0  | 22.00 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 38RB#0  | 21.98 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 38RB#18 | 22.07 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 38RB#18 | 22.03 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 38RB#37 | 21.94 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 38RB#37 | 21.94 | PASS |
| Band71 | 15MHz | QPSK  | 133297 | 75RB#0  | 21.98 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 75RB#0  | 20.97 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#0   | 22.79 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#0   | 21.66 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#38  | 22.86 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#38  | 21.69 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 1RB#74  | 22.79 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#74  | 21.67 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 38RB#0  | 21.57 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 38RB#0  | 21.72 | PASS |



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|        |       |       |        |         |       |      |
|--------|-------|-------|--------|---------|-------|------|
| Band71 | 15MHz | QPSK  | 133397 | 38RB#18 | 21.76 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 38RB#18 | 21.73 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 38RB#37 | 21.63 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 38RB#37 | 21.60 | PASS |
| Band71 | 15MHz | QPSK  | 133397 | 75RB#0  | 21.96 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 75RB#0  | 20.91 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 1RB#0   | 22.71 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#0   | 21.69 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 1RB#49  | 23.06 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#49  | 22.02 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 1RB#99  | 22.69 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#99  | 21.62 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 50RB#0  | 21.89 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 50RB#0  | 20.84 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 50RB#25 | 21.86 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 50RB#25 | 20.85 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 50RB#50 | 21.90 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 50RB#50 | 20.91 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 100RB#0 | 21.89 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 100RB#0 | 20.87 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#0   | 22.75 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#0   | 21.83 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#49  | 23.10 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#49  | 22.05 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#99  | 22.67 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#99  | 21.91 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 50RB#0  | 22.06 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 50RB#0  | 21.06 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 50RB#25 | 22.06 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 50RB#25 | 21.06 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 50RB#50 | 21.94 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 50RB#50 | 20.97 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 100RB#0 | 21.98 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 100RB#0 | 20.99 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#0   | 22.58 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#0   | 21.53 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#49  | 22.95 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#49  | 21.87 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#99  | 22.61 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#99  | 21.50 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 50RB#0  | 22.00 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 50RB#0  | 21.02 | PASS |



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|        |       |       |        |         |       |      |
|--------|-------|-------|--------|---------|-------|------|
| Band71 | 20MHz | QPSK  | 133372 | 50RB#25 | 21.96 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 50RB#25 | 21.03 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 50RB#50 | 21.95 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 50RB#50 | 20.95 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 100RB#0 | 21.96 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 100RB#0 | 20.93 | PASS |





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

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#0            | 4.94       | 13        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 1RB#0            | 5.56       | 13        | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 25RB#0           | 5.68       | 13        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 25RB#0           | 6.31       | 13        | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#0            | 5.49       | 13        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 1RB#0            | 5.96       | 13        | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 25RB#0           | 5.71       | 13        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 25RB#0           | 6.31       | 13        | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#0            | 5.48       | 13        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 1RB#0            | 5.97       | 13        | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 25RB#0           | 5.70       | 13        | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 25RB#0           | 6.28       | 13        | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 1RB#0            | 4.87       | 13        | PASS    |
| Band71 | 10MHz     | 16QAM      | 133172  | 1RB#0            | 5.73       | 13        | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 50RB#0           | 5.60       | 13        | PASS    |
| Band71 | 10MHz     | 16QAM      | 133172  | 50RB#0           | 6.27       | 13        | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 1RB#0            | 5.31       | 13        | PASS    |
| Band71 | 10MHz     | 16QAM      | 133297  | 1RB#0            | 6.19       | 13        | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 50RB#0           | 5.69       | 13        | PASS    |
| Band71 | 10MHz     | 16QAM      | 133297  | 50RB#0           | 6.34       | 13        | PASS    |
| Band71 | 10MHz     | QPSK       | 133422  | 1RB#0            | 5.39       | 13        | PASS    |
| Band71 | 10MHz     | 16QAM      | 133422  | 1RB#0            | 6.23       | 13        | PASS    |
| Band71 | 10MHz     | QPSK       | 133422  | 50RB#0           | 5.70       | 13        | PASS    |
| Band71 | 10MHz     | 16QAM      | 133422  | 50RB#0           | 6.33       | 13        | PASS    |
| Band71 | 15MHz     | QPSK       | 133197  | 1RB#0            | 4.93       | 13        | PASS    |
| Band71 | 15MHz     | 16QAM      | 133197  | 1RB#0            | 5.80       | 13        | PASS    |
| Band71 | 15MHz     | QPSK       | 133197  | 75RB#0           | 5.86       | 13        | PASS    |
| Band71 | 15MHz     | 16QAM      | 133197  | 75RB#0           | 6.32       | 13        | PASS    |
| Band71 | 15MHz     | QPSK       | 133297  | 1RB#0            | 5.26       | 13        | PASS    |
| Band71 | 15MHz     | 16QAM      | 133297  | 1RB#0            | 6.12       | 13        | PASS    |
| Band71 | 15MHz     | QPSK       | 133297  | 75RB#0           | 5.95       | 13        | PASS    |
| Band71 | 15MHz     | 16QAM      | 133297  | 75RB#0           | 6.40       | 13        | PASS    |
| Band71 | 15MHz     | QPSK       | 133397  | 1RB#0            | 5.35       | 13        | PASS    |
| Band71 | 15MHz     | 16QAM      | 133397  | 1RB#0            | 6.21       | 13        | PASS    |
| Band71 | 15MHz     | QPSK       | 133397  | 75RB#0           | 5.98       | 13        | PASS    |





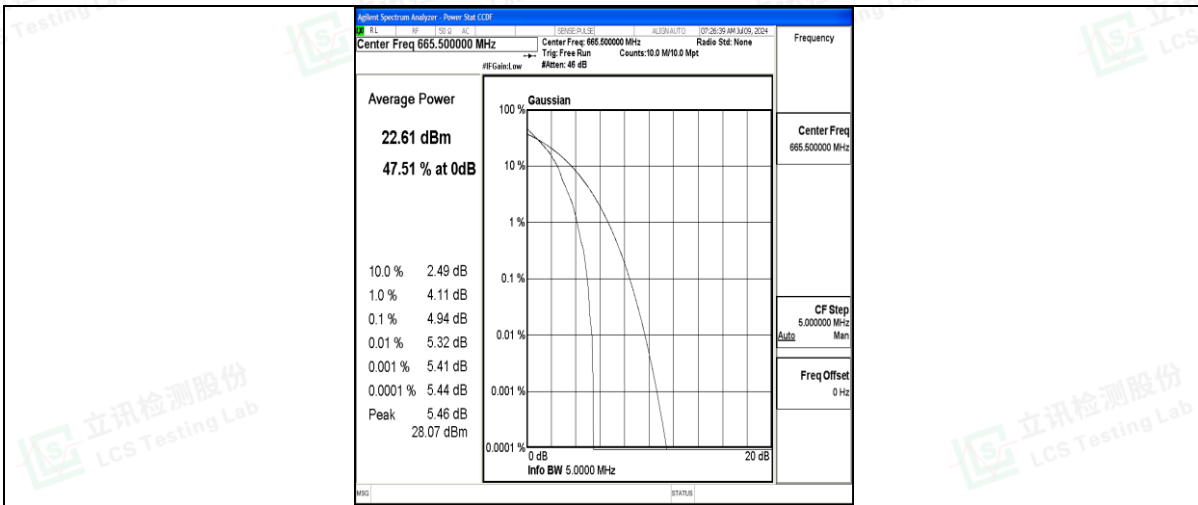
|        |       |       |        |         |      |    |      |
|--------|-------|-------|--------|---------|------|----|------|
| Band71 | 15MHz | 16QAM | 133397 | 75RB#0  | 6.42 | 13 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 1RB#0   | 4.93 | 13 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#0   | 5.56 | 13 | PASS |
| Band71 | 20MHz | QPSK  | 133222 | 100RB#0 | 5.58 | 13 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 100RB#0 | 6.29 | 13 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#0   | 5.11 | 13 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#0   | 5.69 | 13 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 100RB#0 | 5.63 | 13 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 100RB#0 | 6.34 | 13 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#0   | 5.46 | 13 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#0   | 6.20 | 13 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 100RB#0 | 5.72 | 13 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 100RB#0 | 6.35 | 13 | PASS |



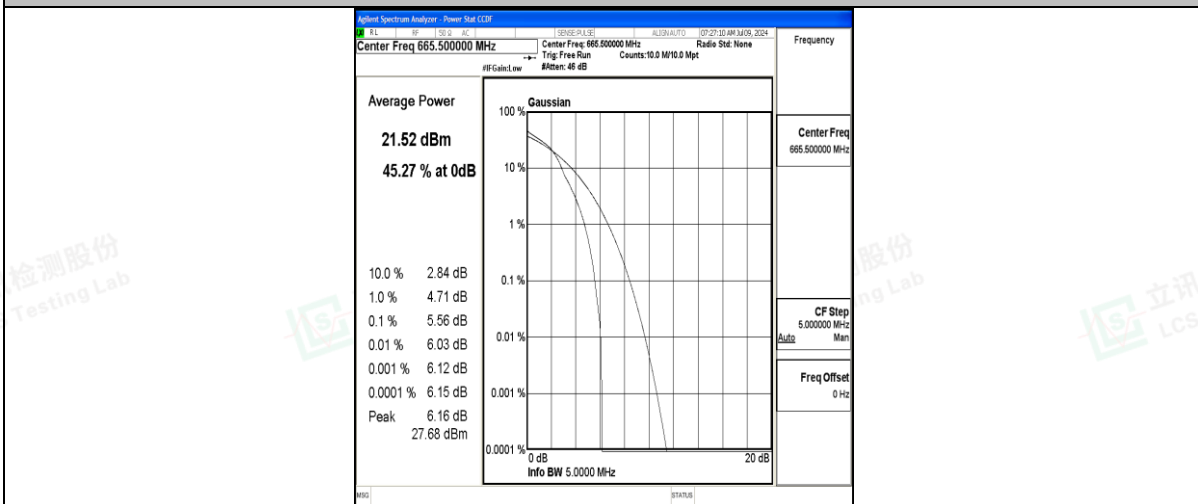




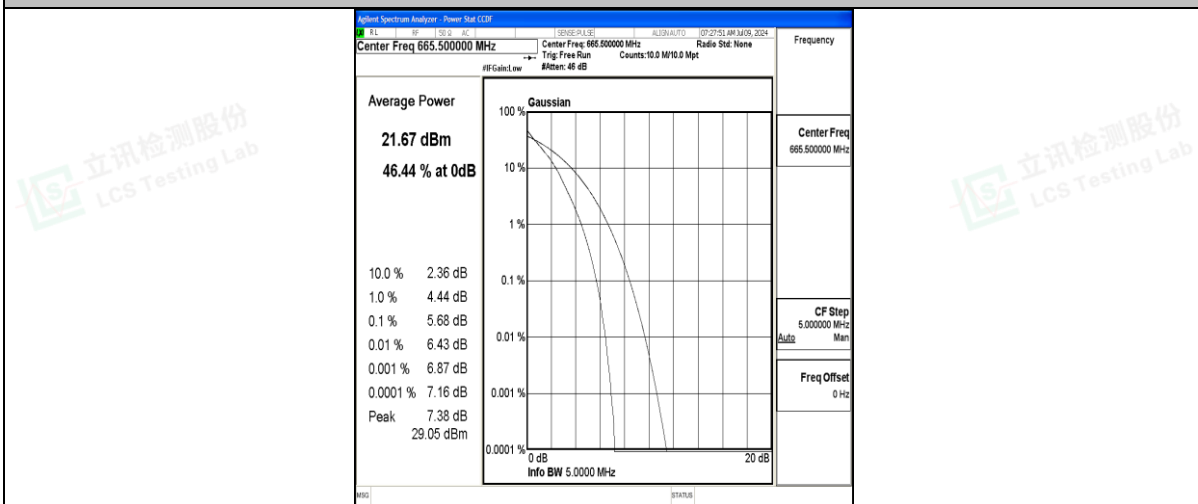
### Test Graphs



Band71-5MHz-QPSK-133147-1RB#0-PASS

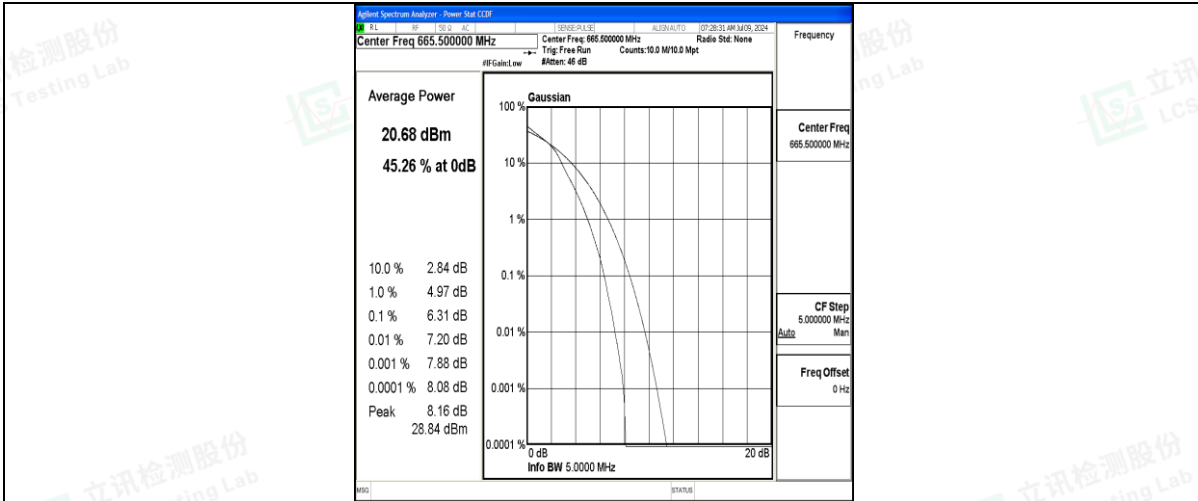


Band71-5MHz-16QAM-133147-1RB#0-PASS

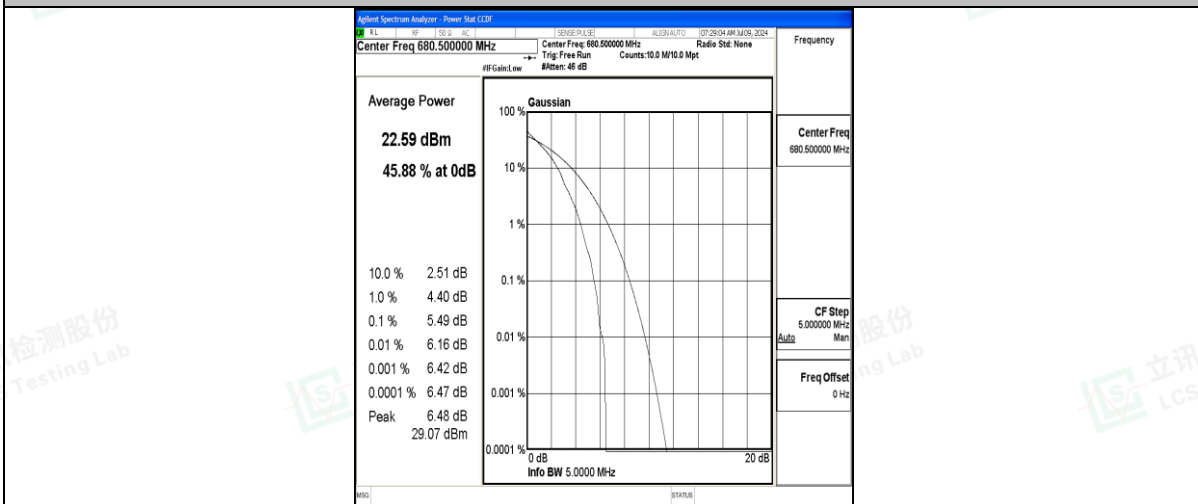


Band71-5MHz-QPSK-133147-25RB#0-PASS

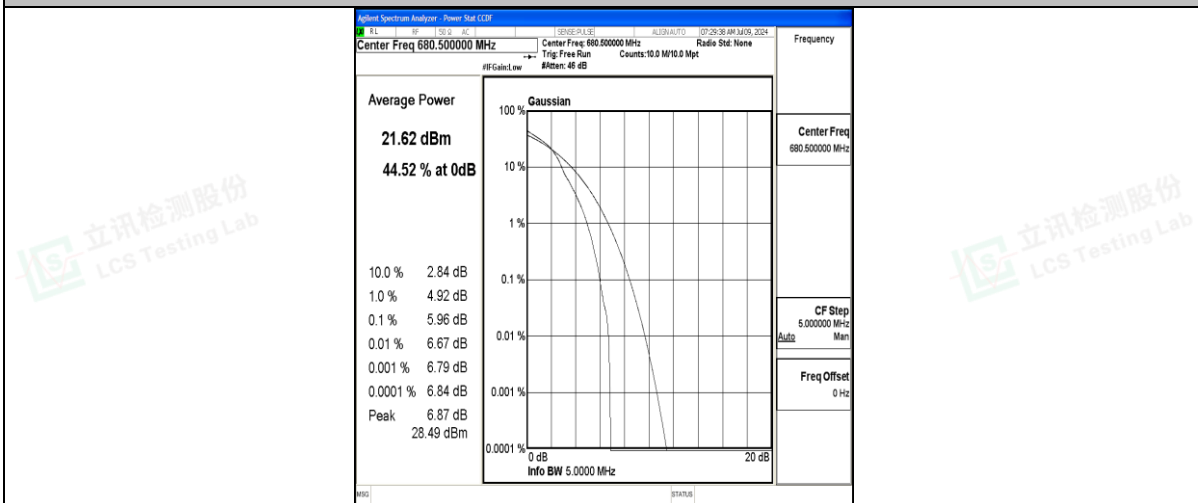




Band71-5MHz-16QAM-133147-25RB#0-PASS

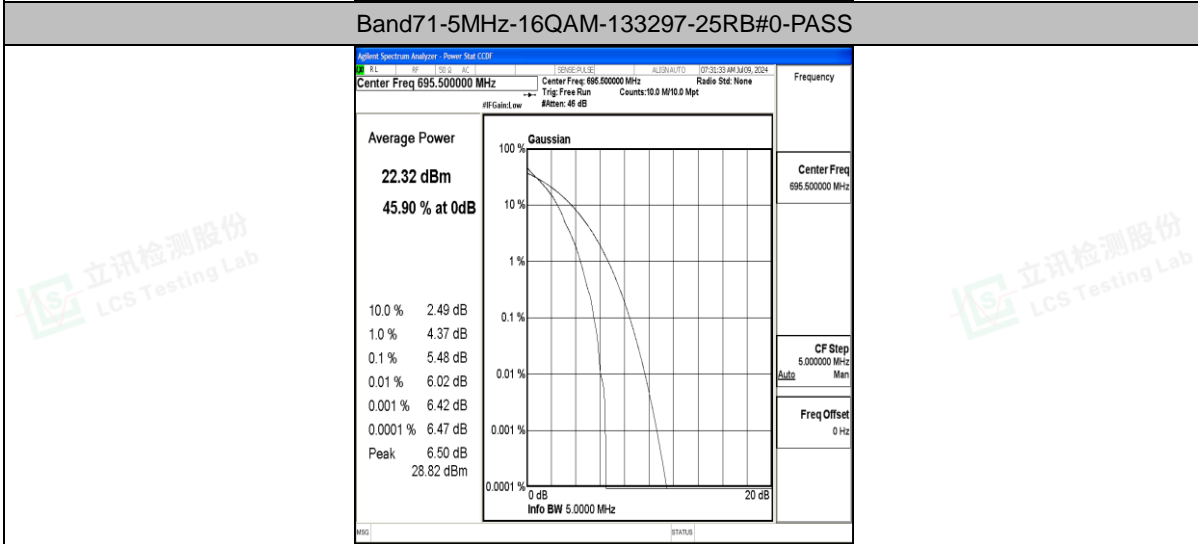
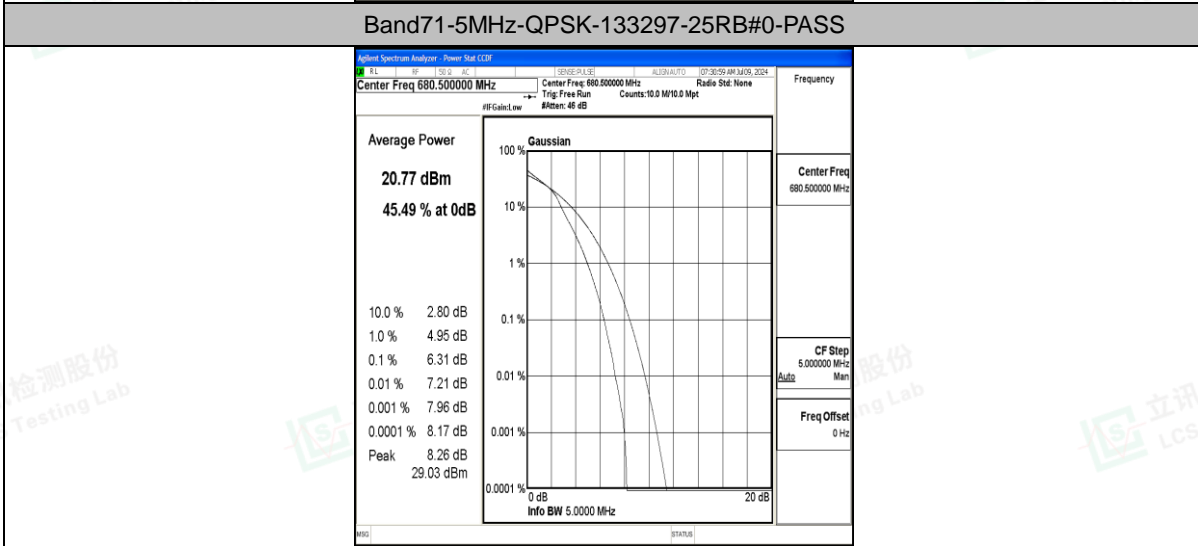
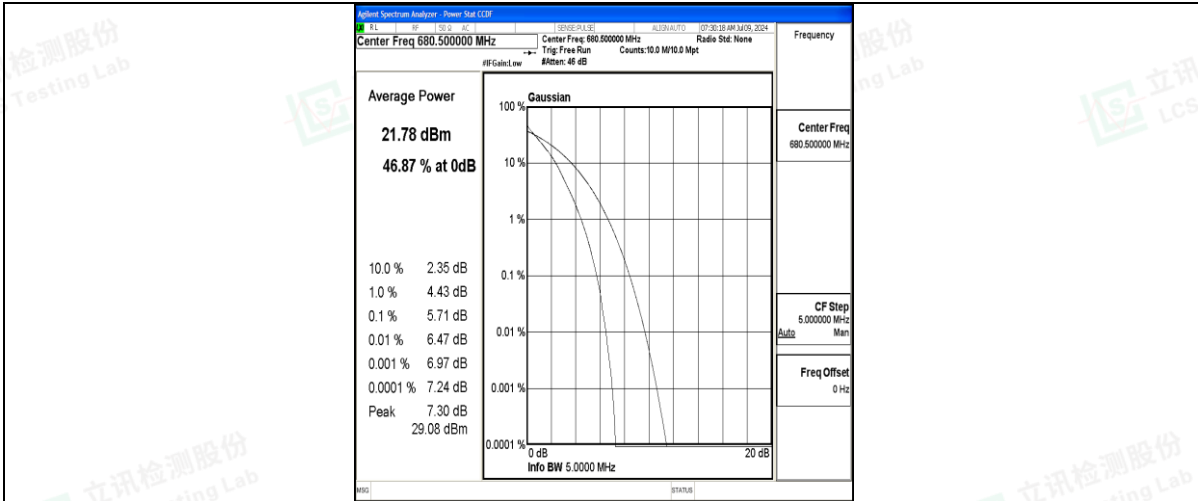


Band71-5MHz-QPSK-133297-1RB#0-PASS



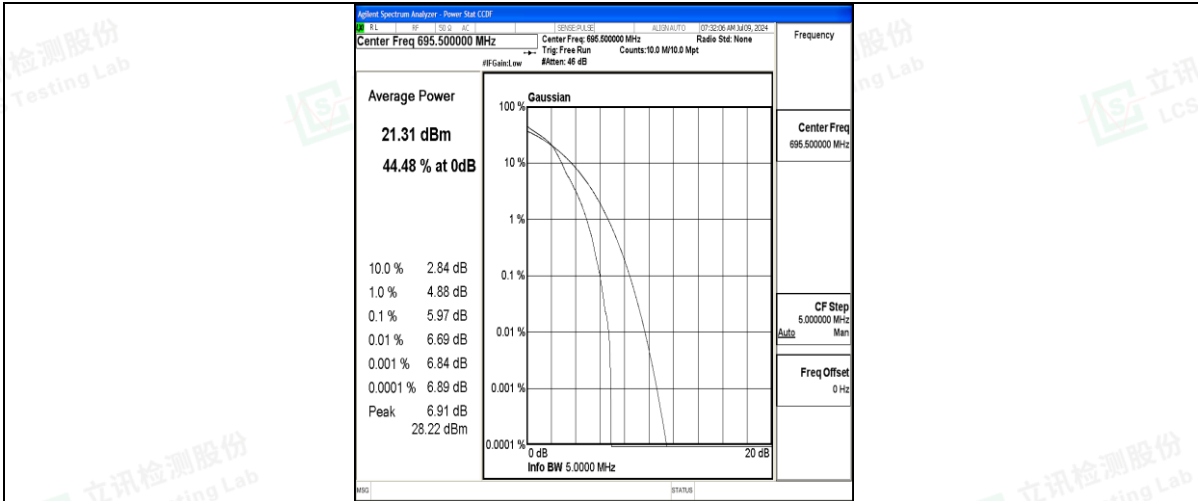
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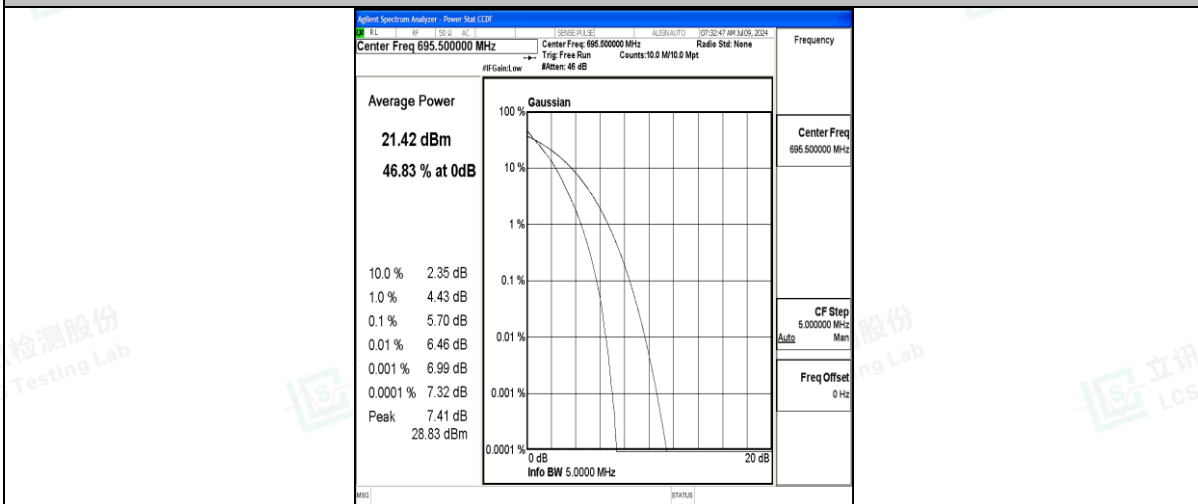


**Band71-5MHz-QPSK-133447-1RB#0-PASS**

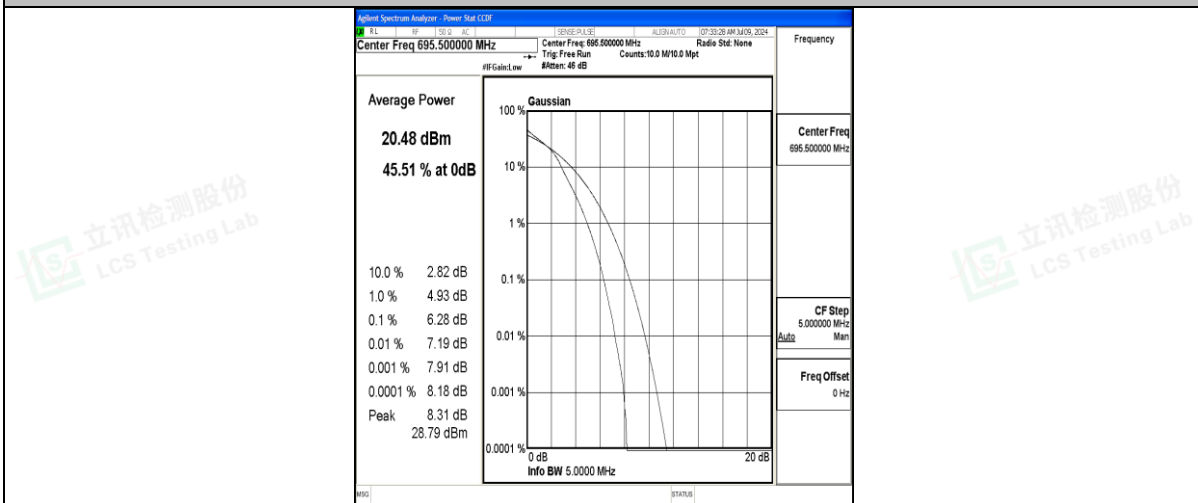




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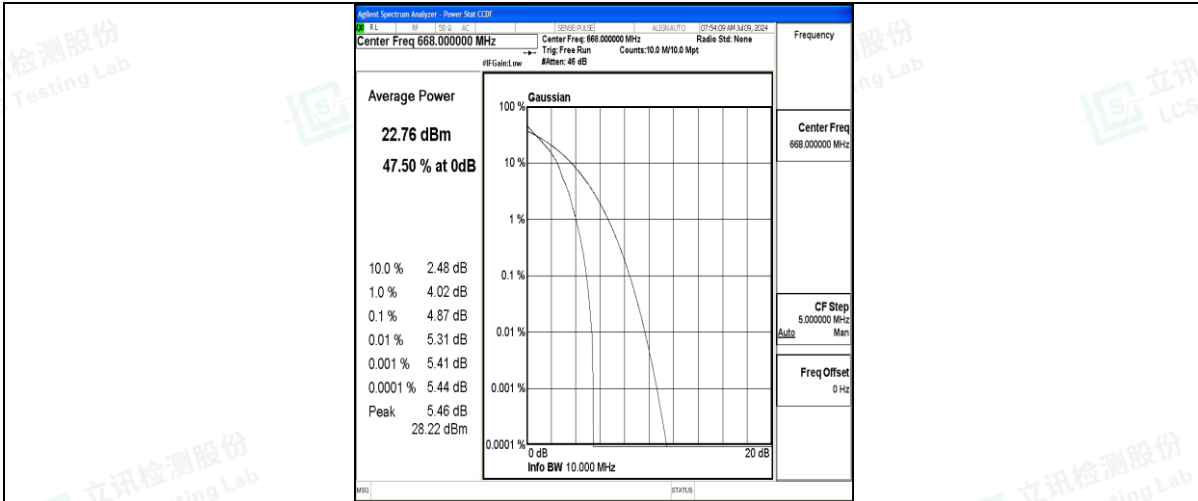


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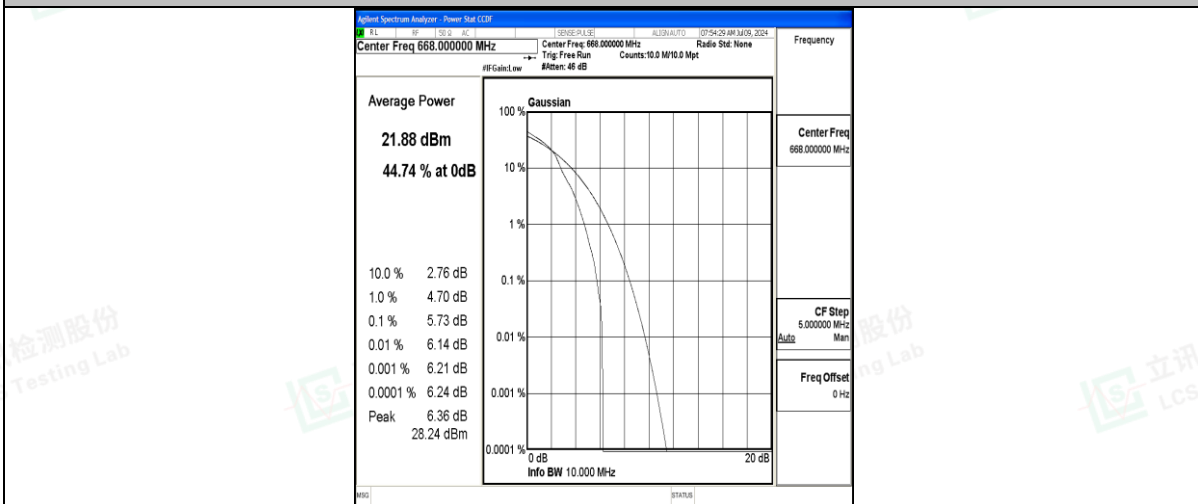


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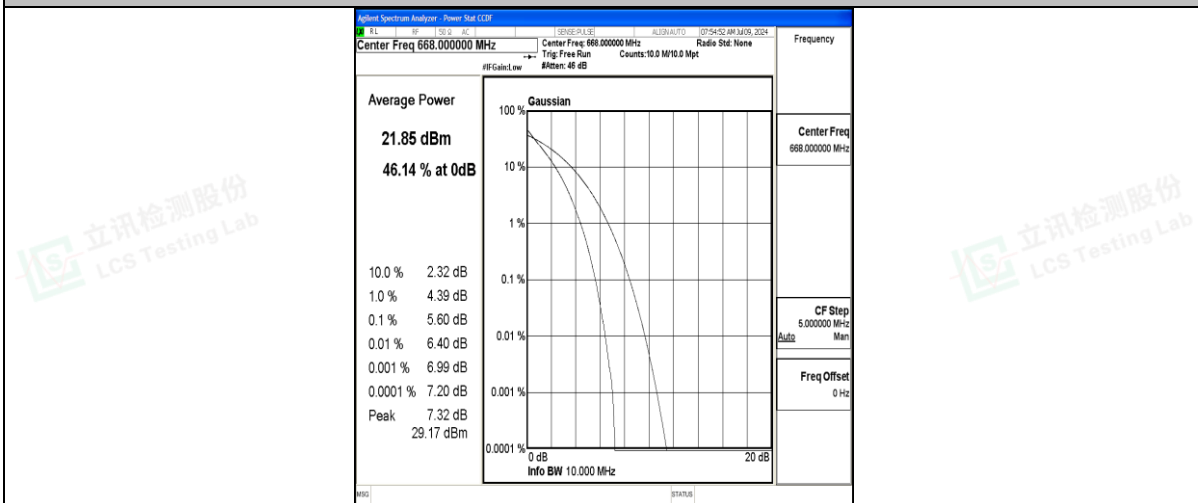




**Band71-10MHz-QPSK-133172-1RB#0-PASS**



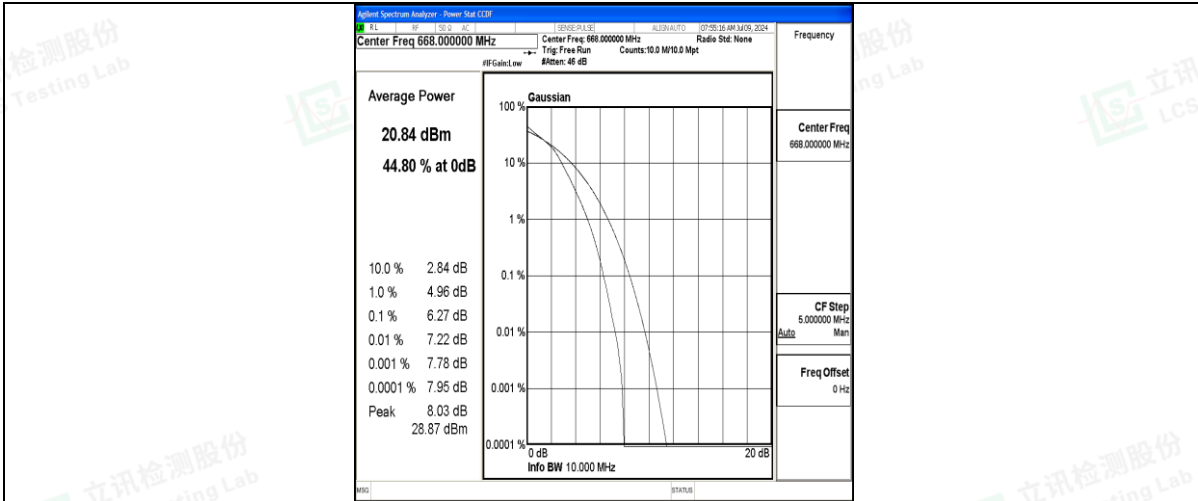
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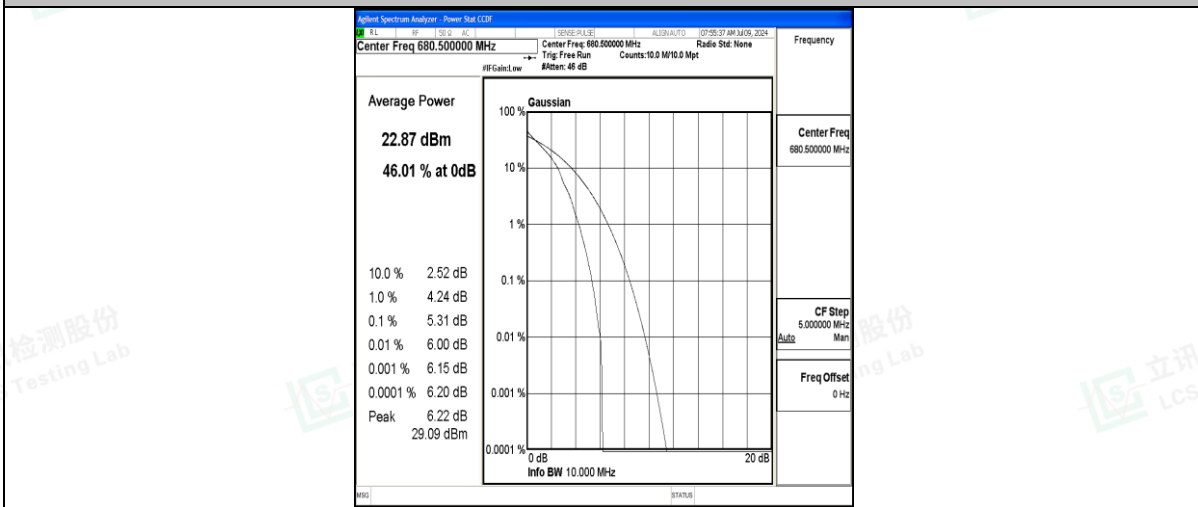
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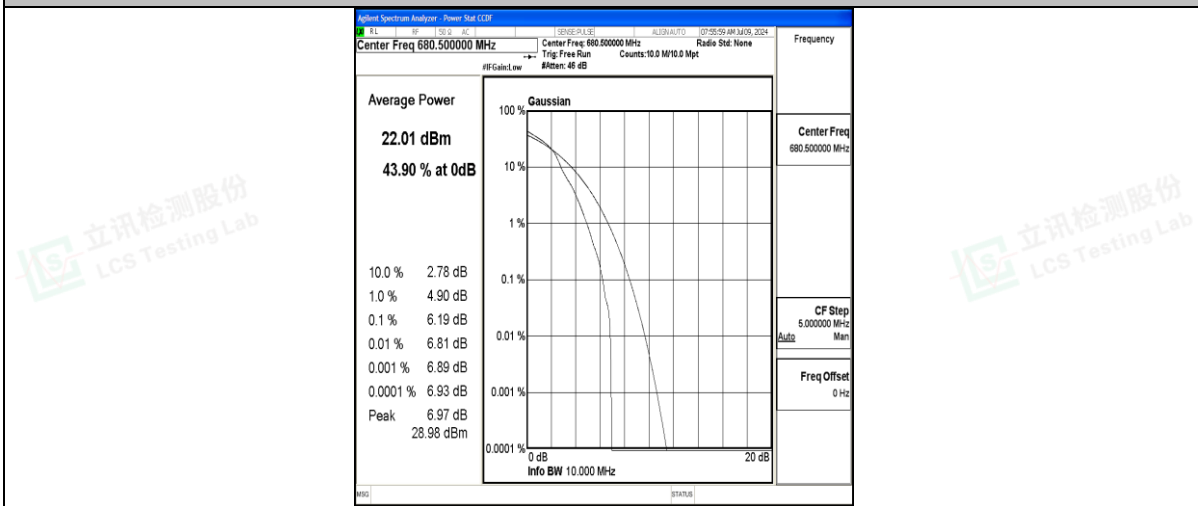




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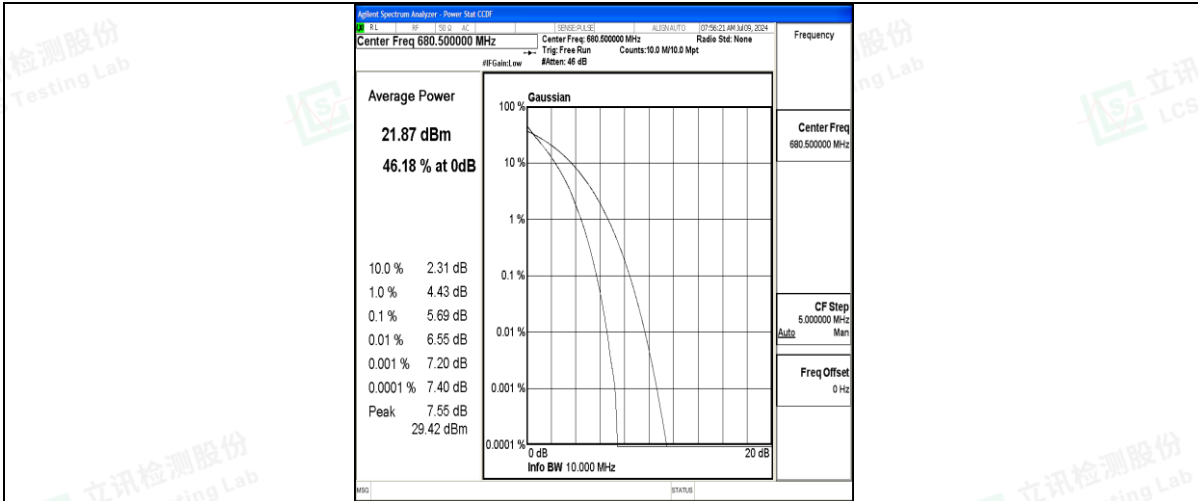


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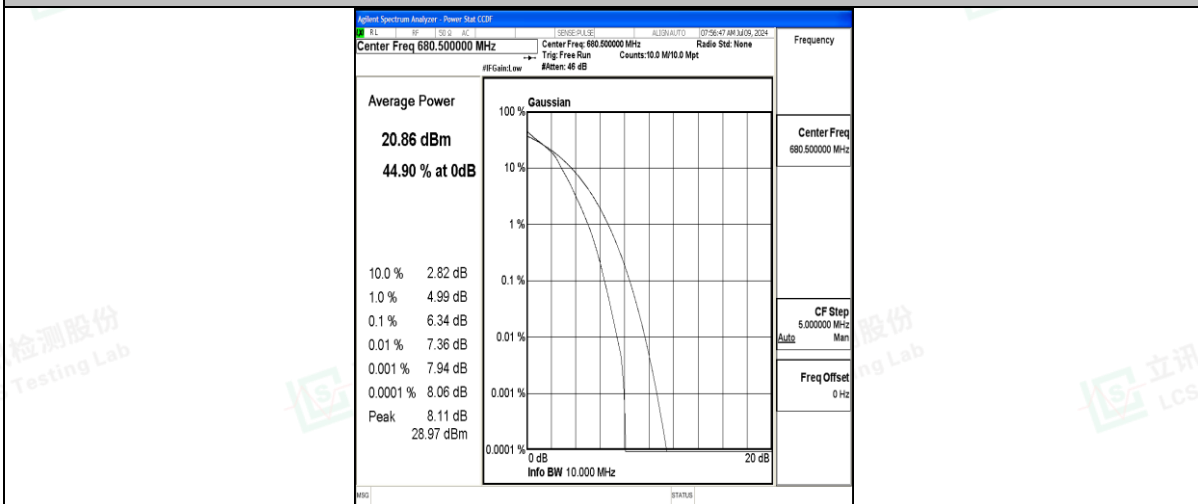


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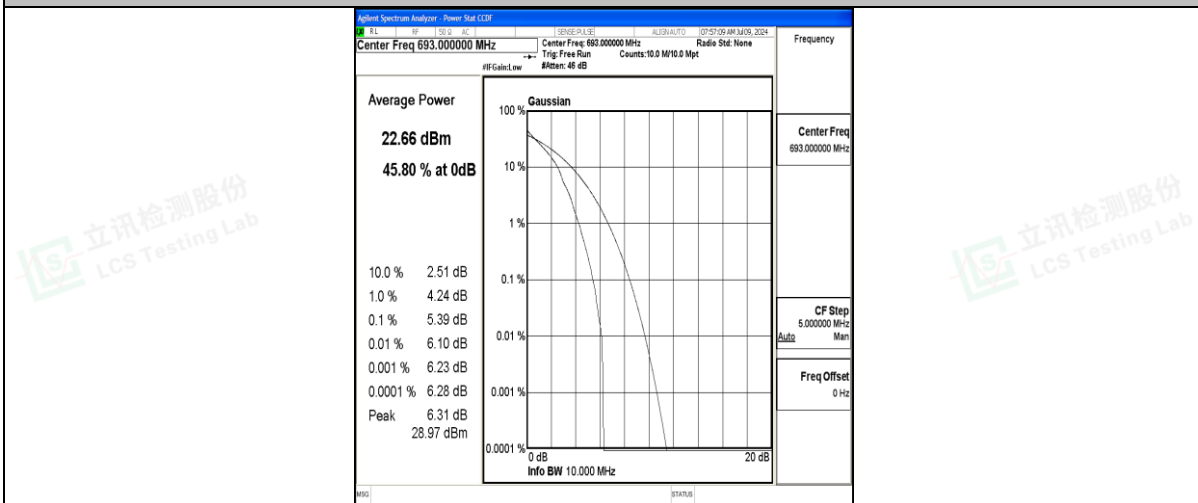




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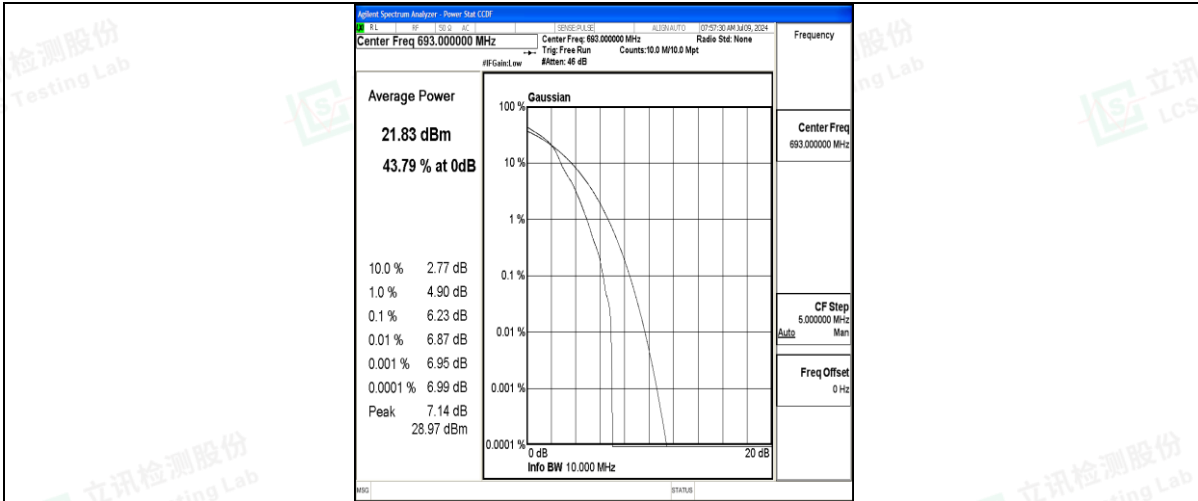


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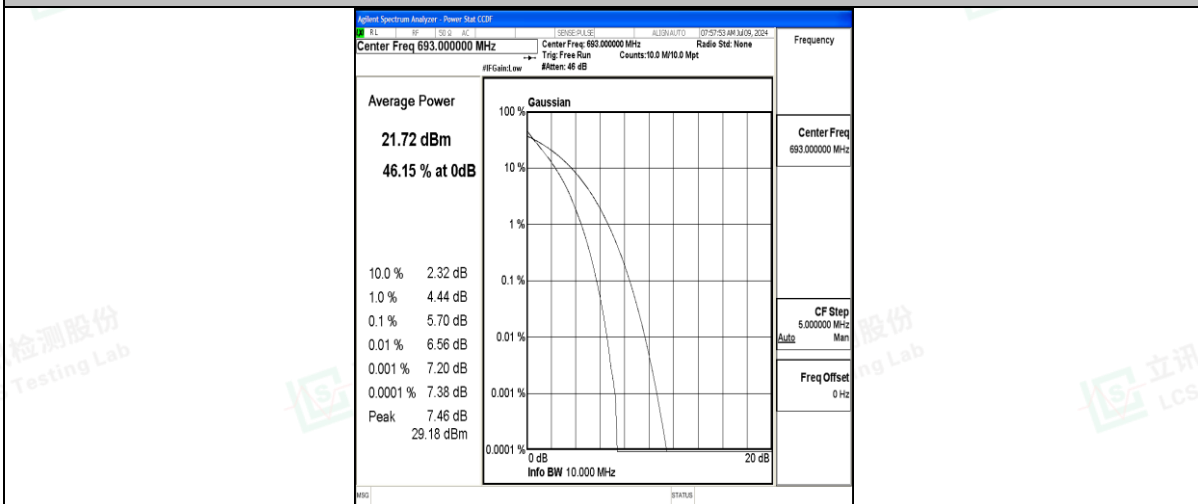


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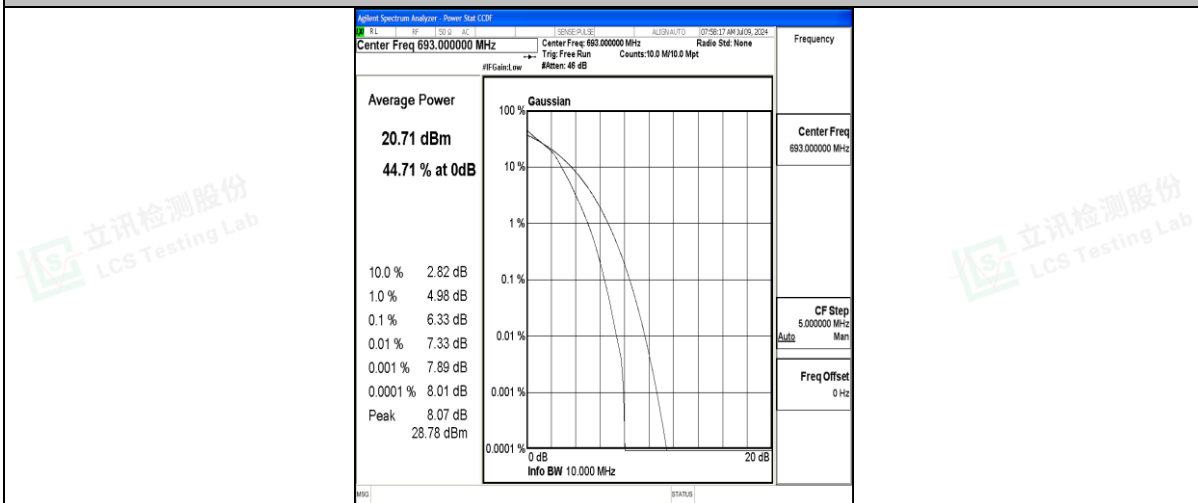




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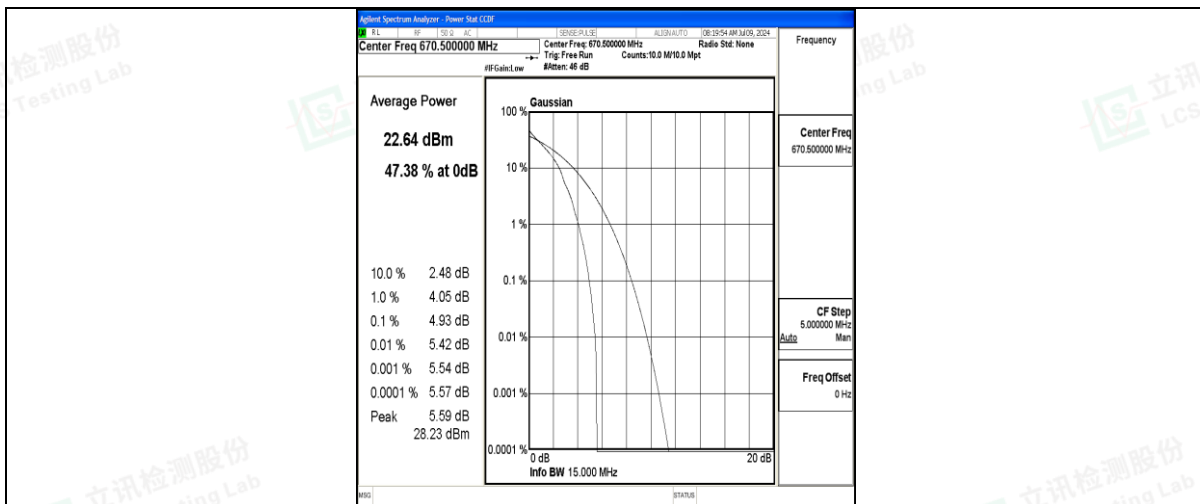


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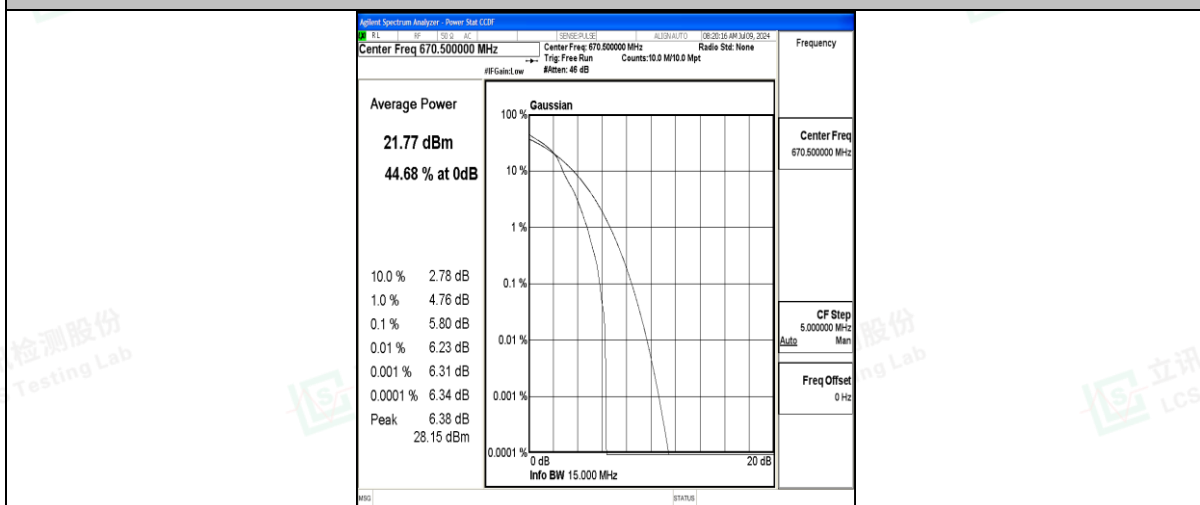


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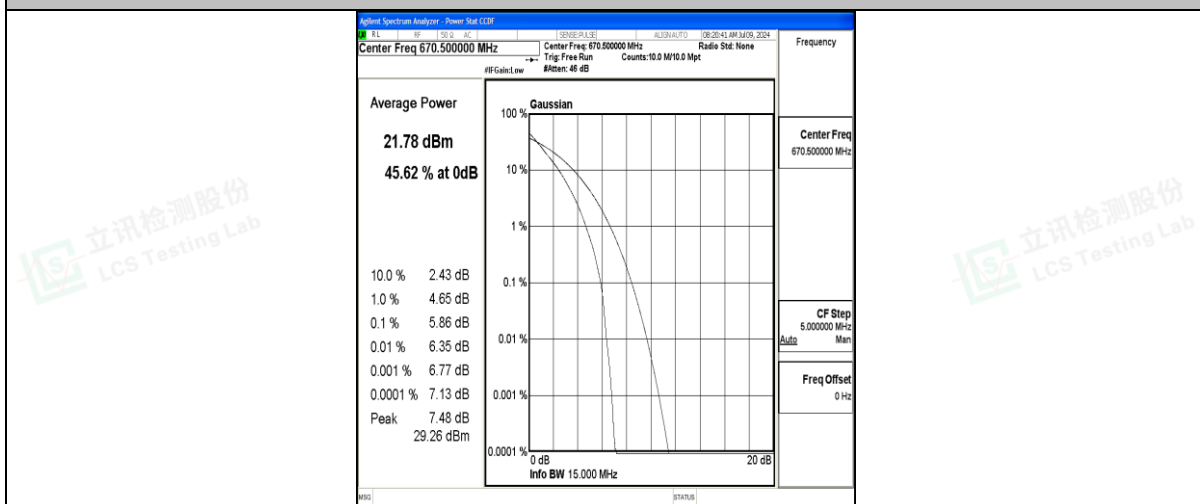




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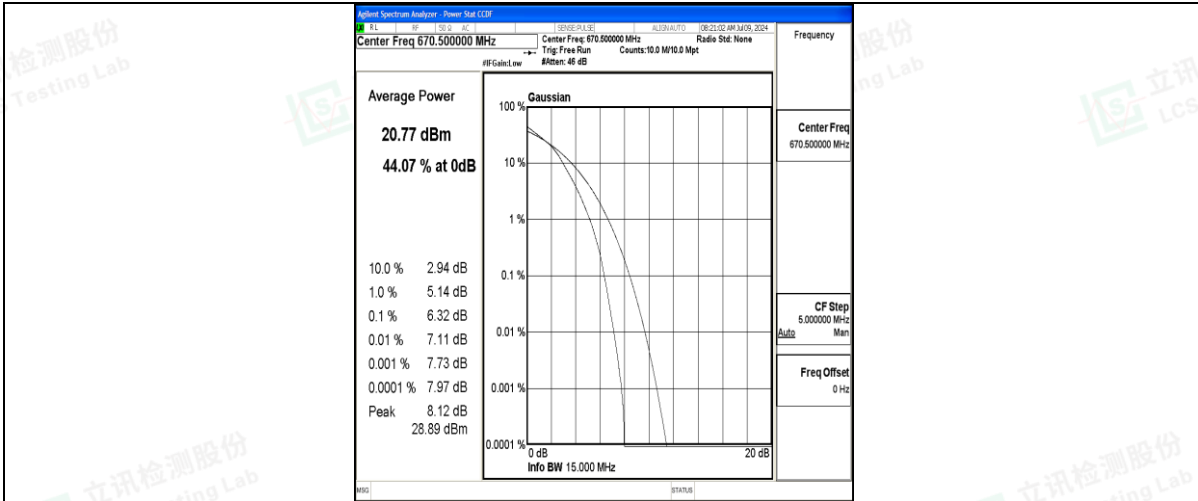


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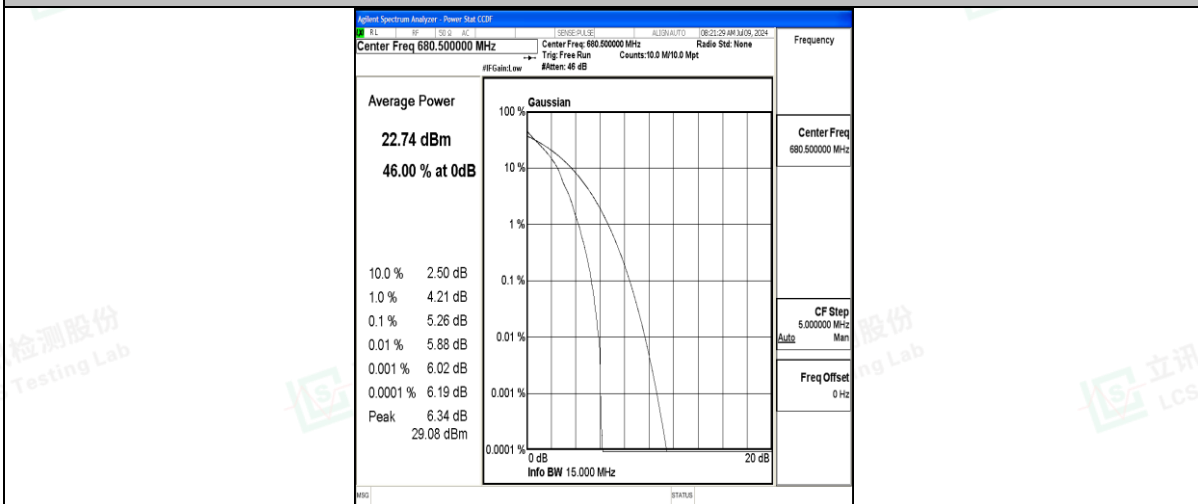


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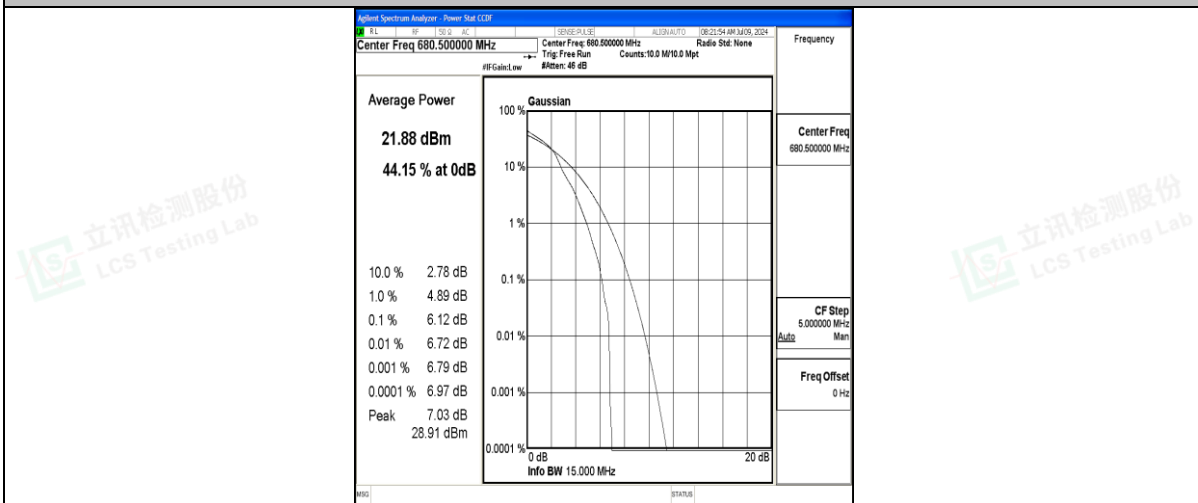




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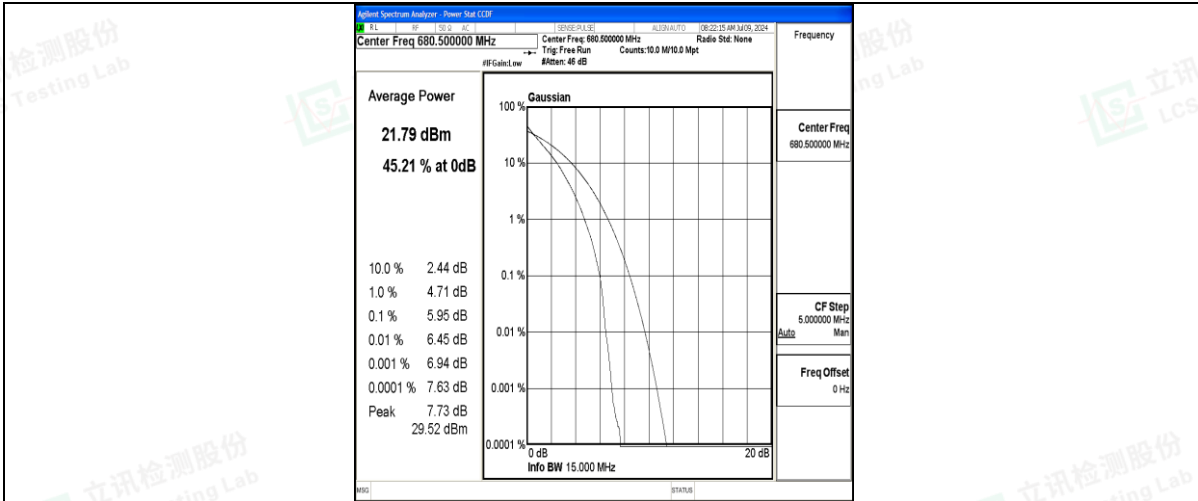
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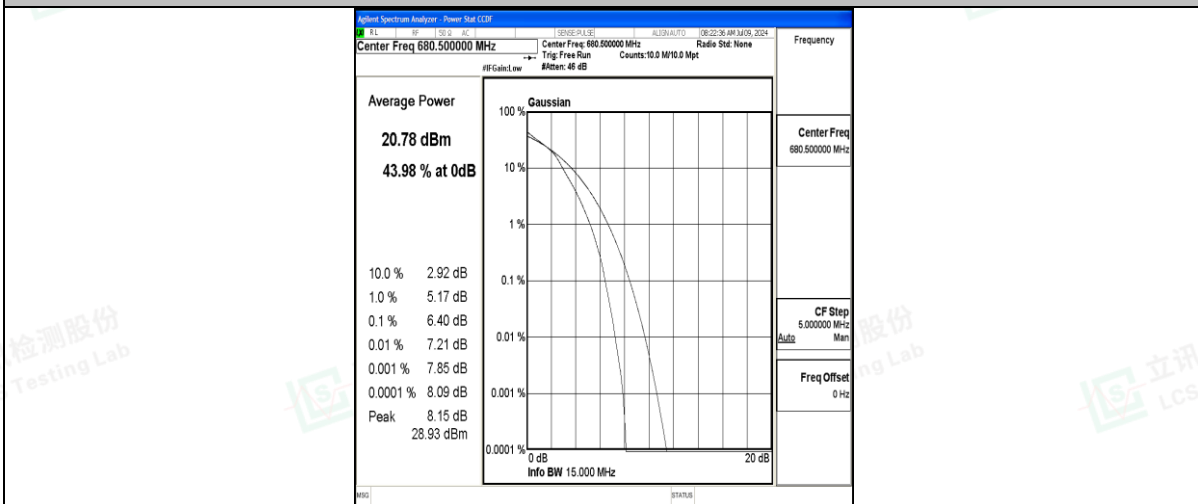
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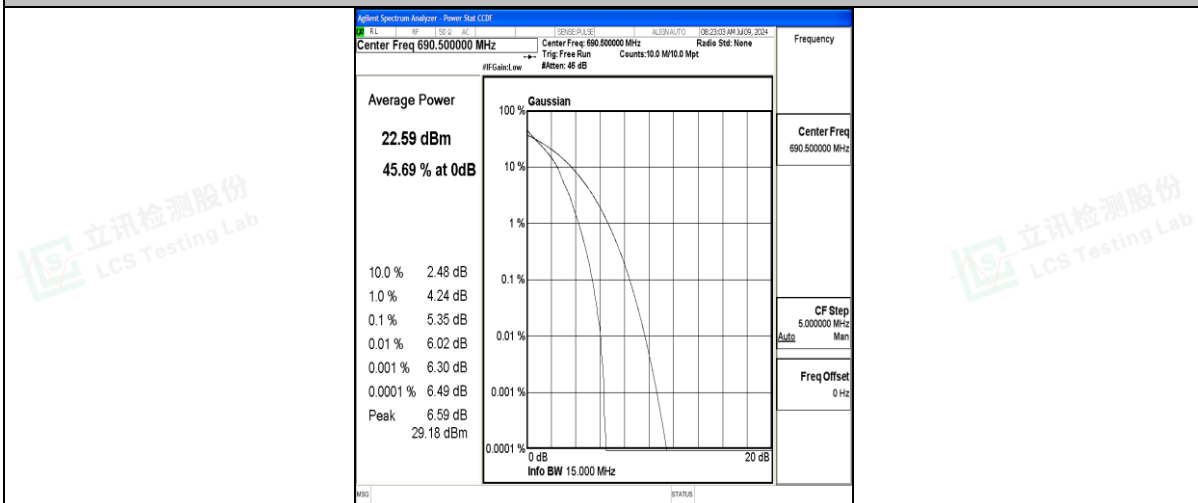




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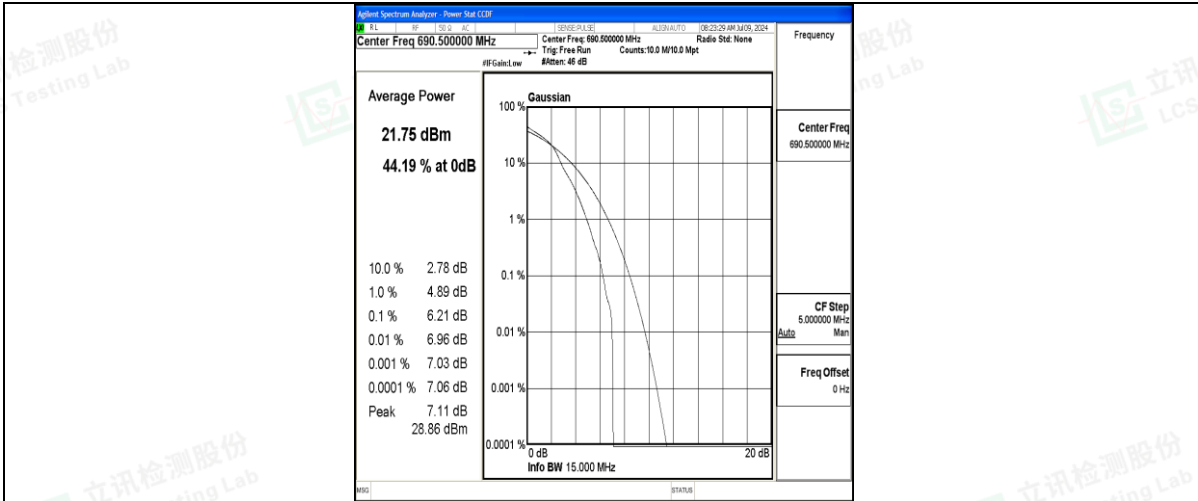


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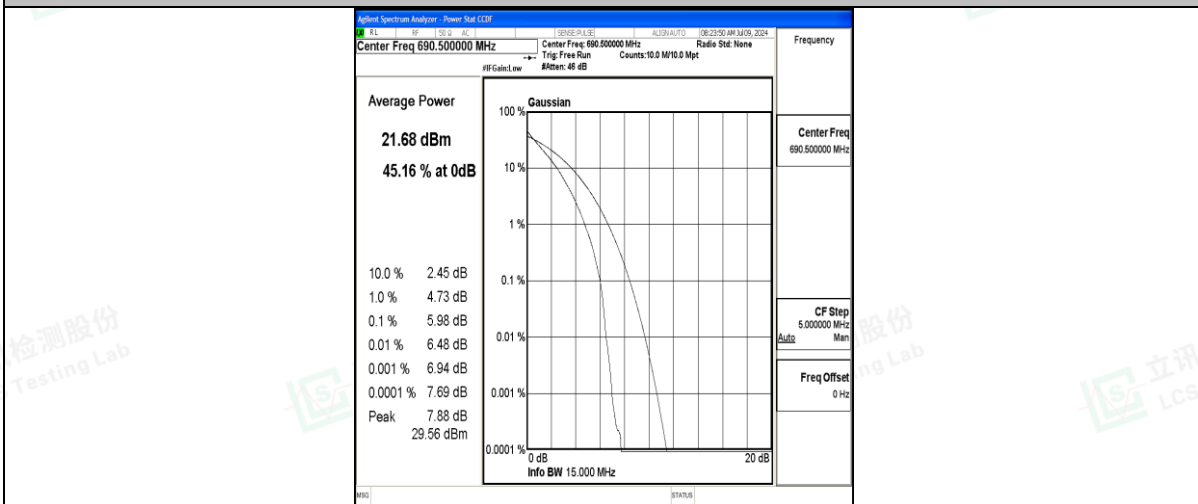


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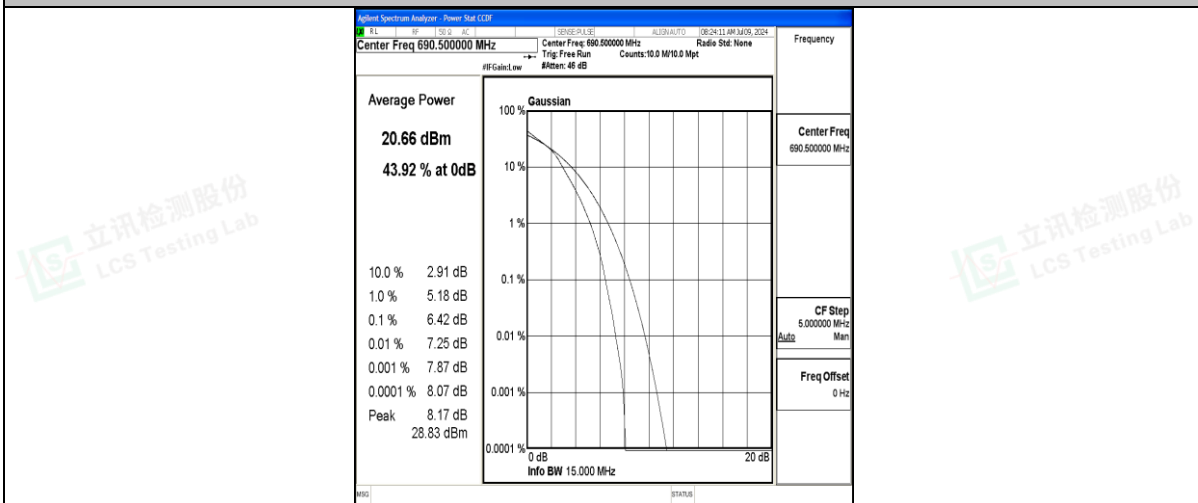




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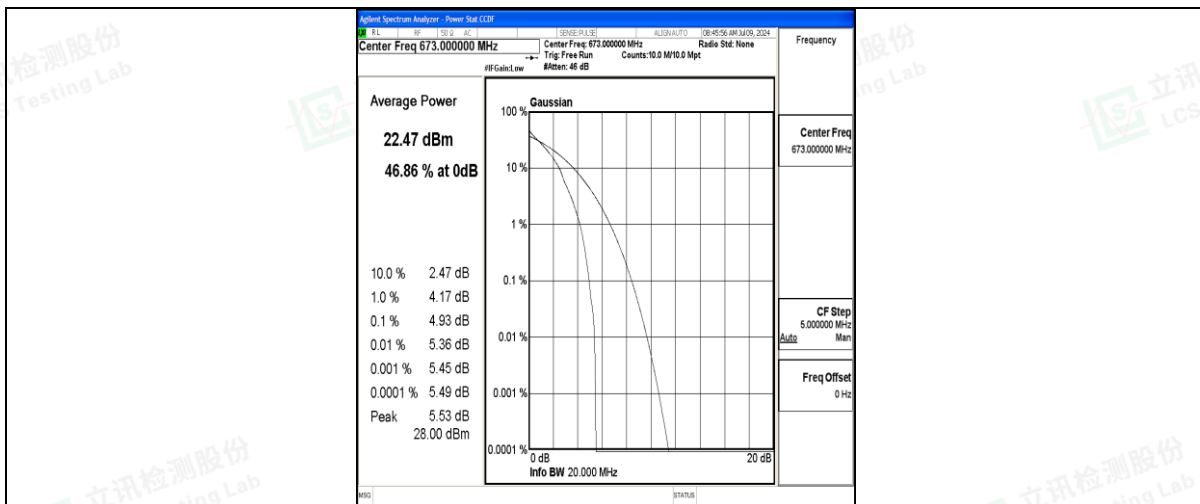


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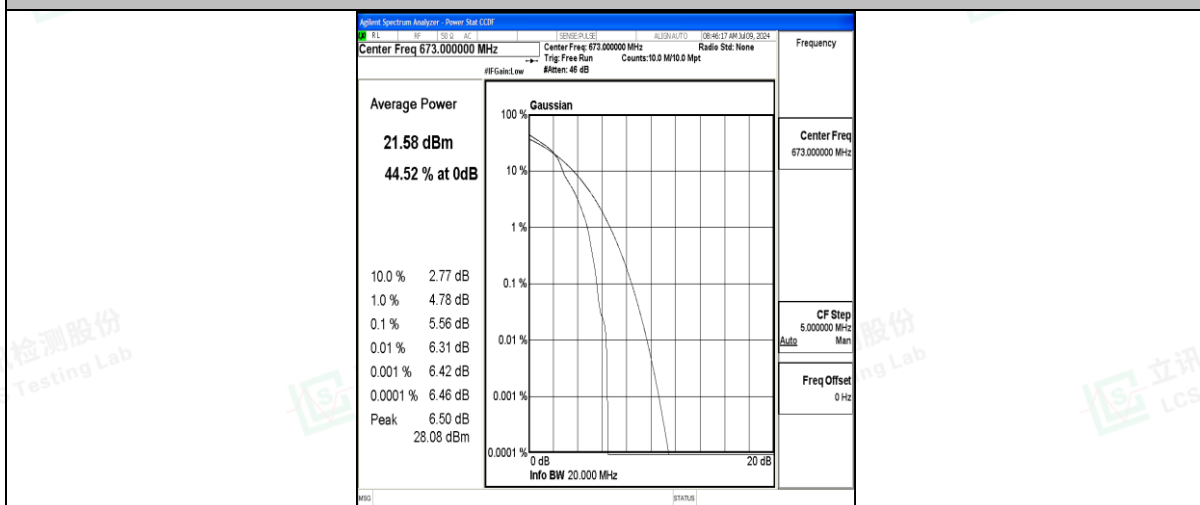


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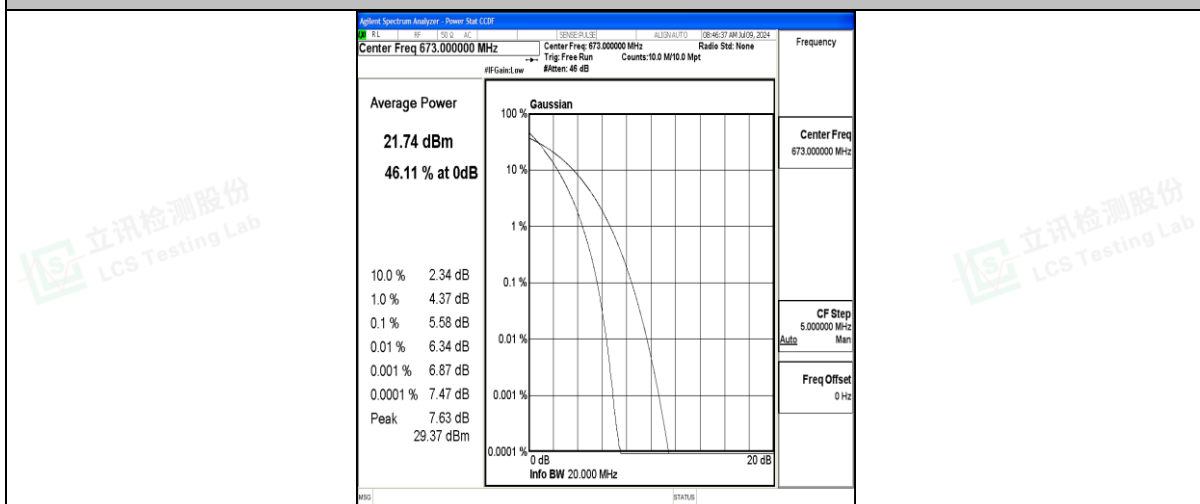




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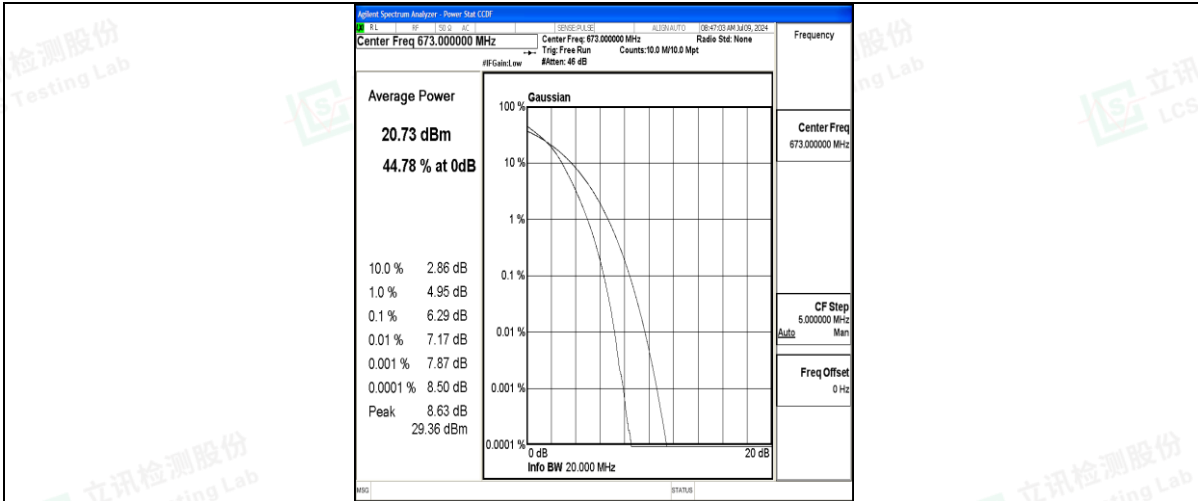


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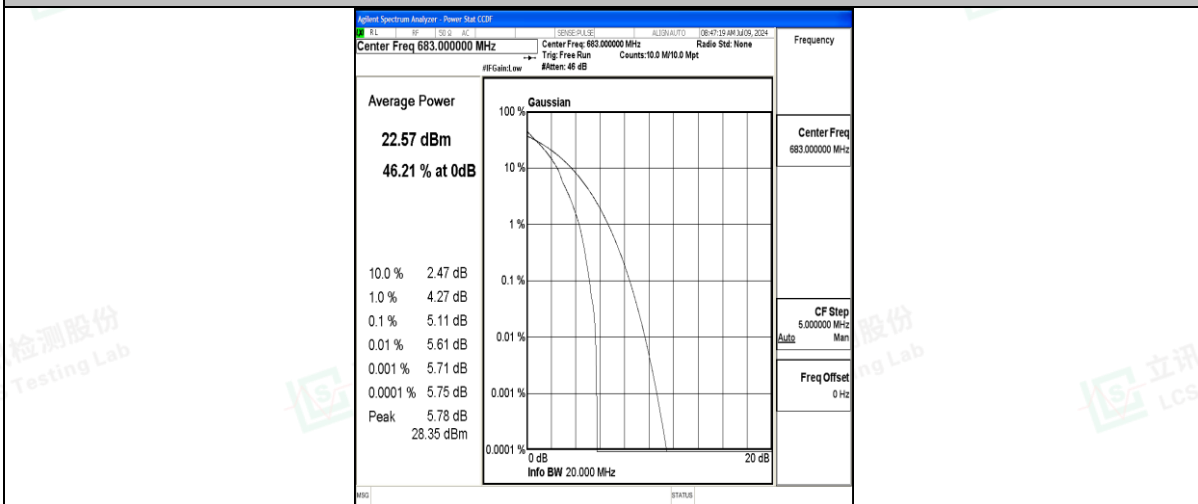


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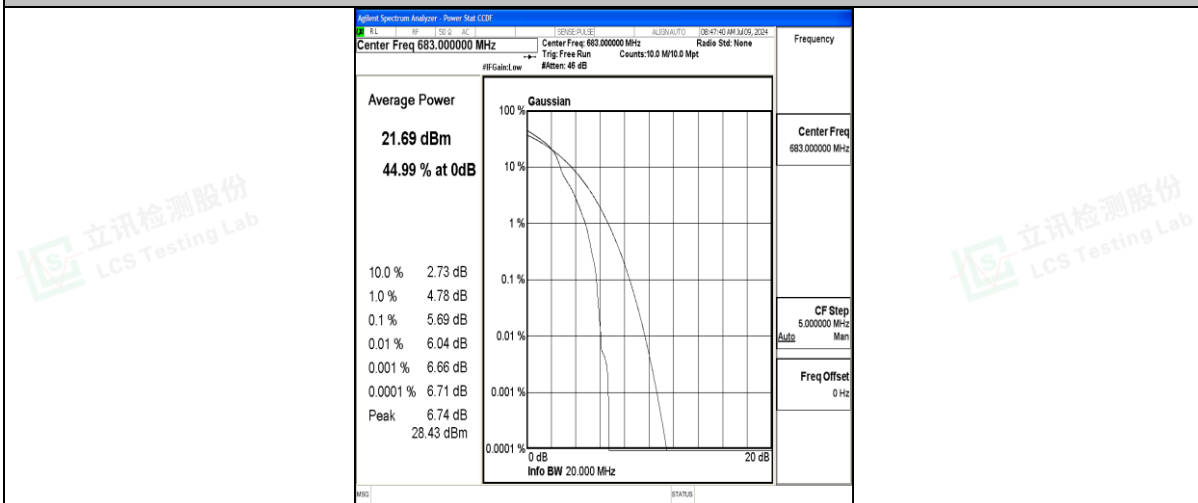




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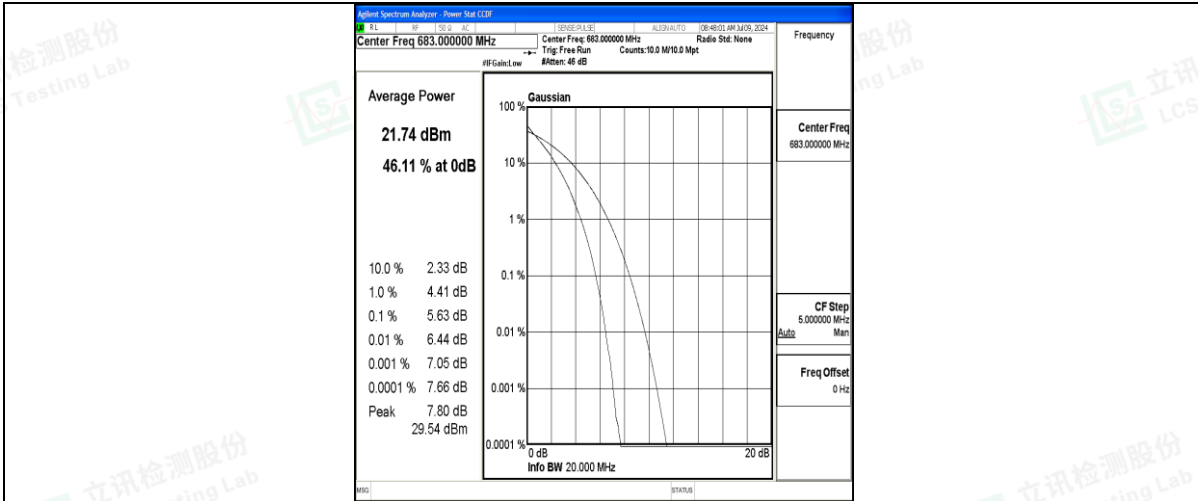


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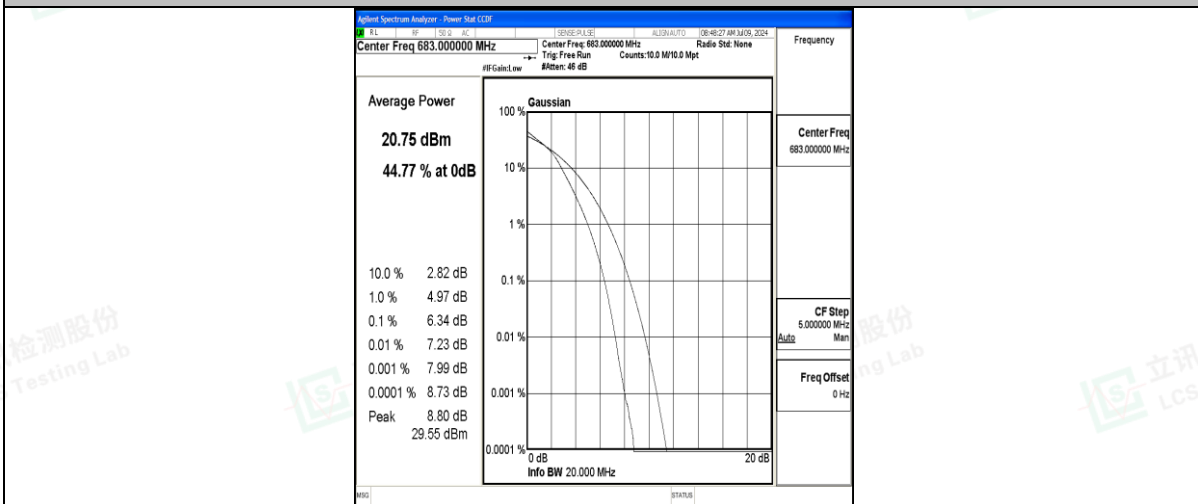


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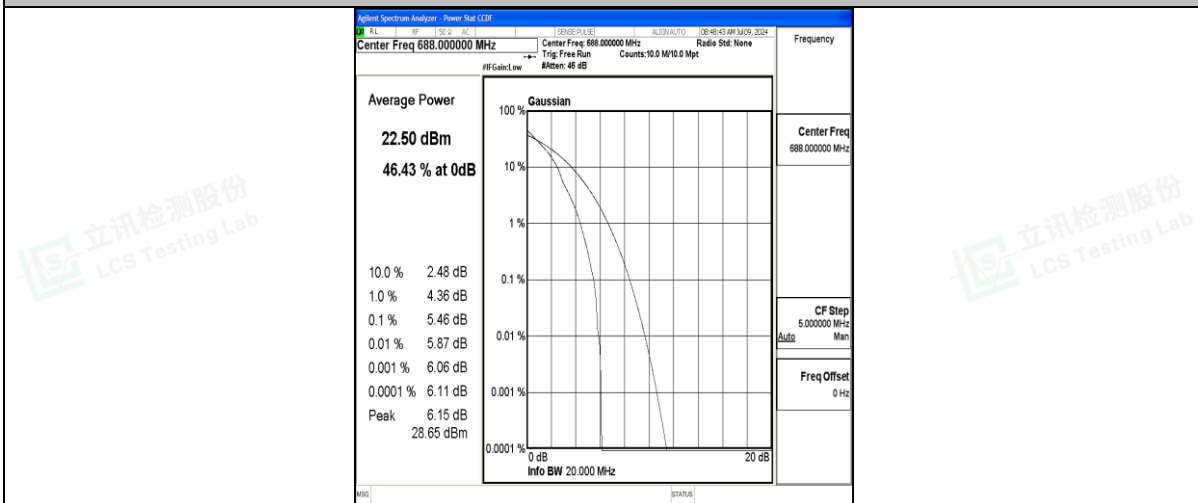




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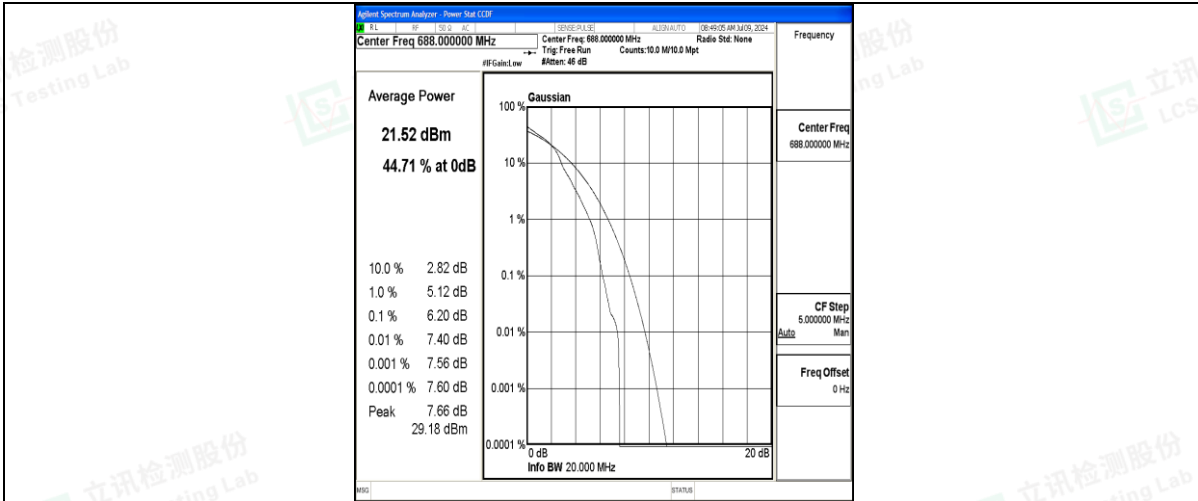
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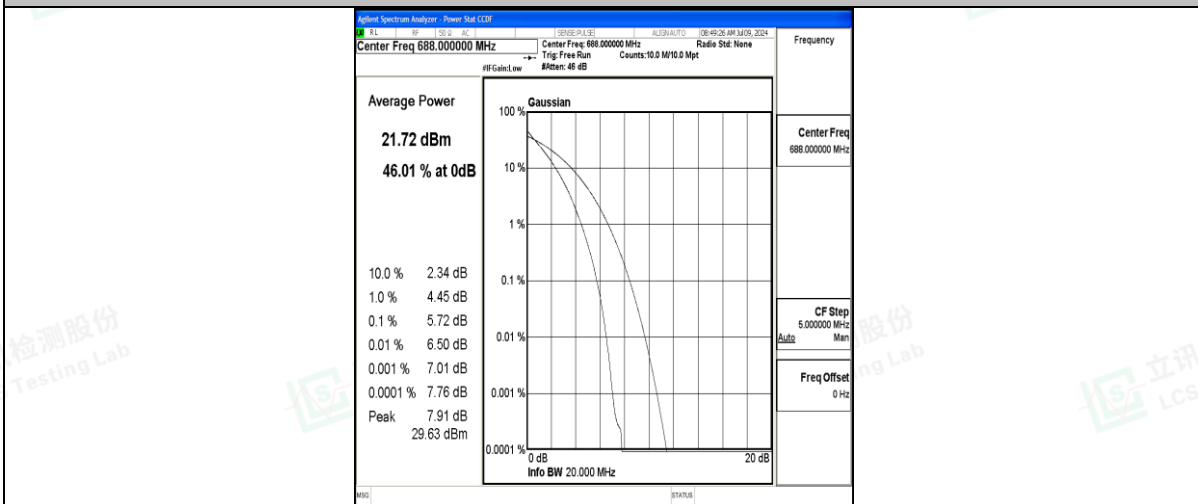
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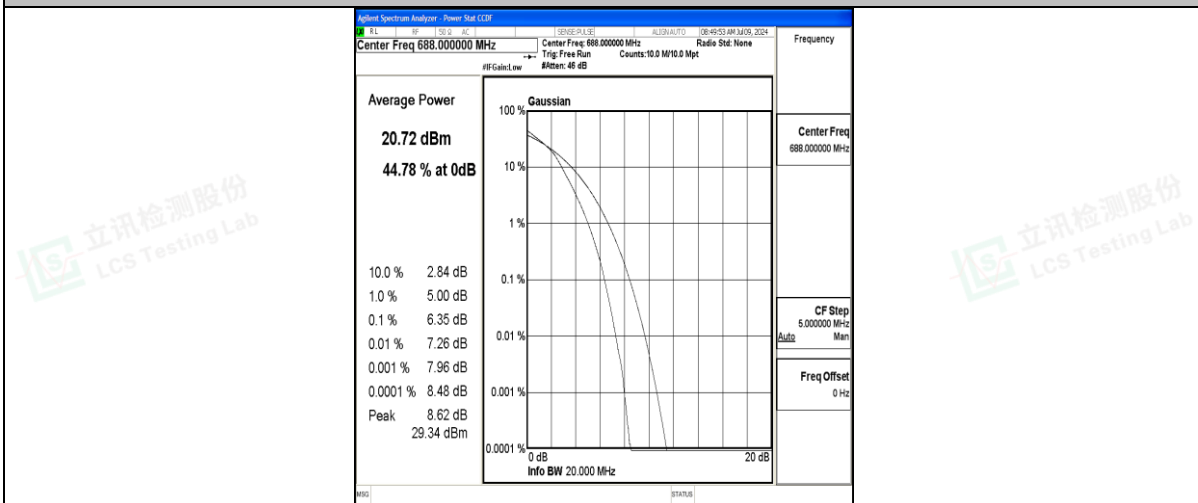




Band71-20MHz-16QAM-133372-1RB#0-PASS



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



Band71-20MHz-16QAM-133372-100RB#0-PASS





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

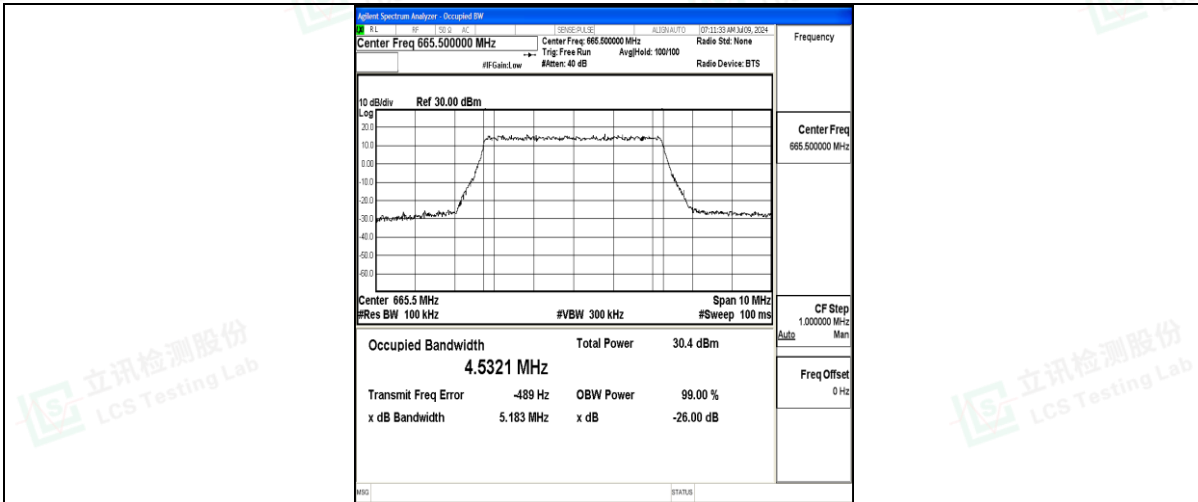
#### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band71 | 5MHz      | QPSK       | 133147  | 25RB#0           | 4.5321                   | 5.183                | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 25RB#0           | 4.5266                   | 5.139                | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 25RB#0           | 4.5263                   | 5.176                | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 25RB#0           | 4.5176                   | 5.141                | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 25RB#0           | 4.5167                   | 5.162                | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 25RB#0           | 4.5137                   | 5.118                | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 50RB#0           | 9.0269                   | 10.24                | PASS    |
| Band71 | 10MHz     | 16QAM      | 133172  | 50RB#0           | 9.0088                   | 10.05                | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 50RB#0           | 9.0167                   | 10.16                | PASS    |
| Band71 | 10MHz     | 16QAM      | 133297  | 50RB#0           | 9.0126                   | 10.02                | PASS    |
| Band71 | 10MHz     | QPSK       | 133422  | 50RB#0           | 9.0265                   | 10.16                | PASS    |
| Band71 | 10MHz     | 16QAM      | 133422  | 50RB#0           | 8.9870                   | 9.984                | PASS    |
| Band71 | 15MHz     | QPSK       | 133197  | 75RB#0           | 13.518                   | 14.93                | PASS    |
| Band71 | 15MHz     | 16QAM      | 133197  | 75RB#0           | 13.489                   | 14.97                | PASS    |
| Band71 | 15MHz     | QPSK       | 133297  | 75RB#0           | 13.500                   | 15.08                | PASS    |
| Band71 | 15MHz     | 16QAM      | 133297  | 75RB#0           | 13.505                   | 15.13                | PASS    |
| Band71 | 15MHz     | QPSK       | 133397  | 75RB#0           | 13.518                   | 15.08                | PASS    |
| Band71 | 15MHz     | 16QAM      | 133397  | 75RB#0           | 13.478                   | 14.95                | PASS    |
| Band71 | 20MHz     | QPSK       | 133222  | 100RB#0          | 17.937                   | 19.64                | PASS    |
| Band71 | 20MHz     | 16QAM      | 133222  | 100RB#0          | 17.945                   | 19.70                | PASS    |
| Band71 | 20MHz     | QPSK       | 133322  | 100RB#0          | 17.982                   | 19.83                | PASS    |
| Band71 | 20MHz     | 16QAM      | 133322  | 100RB#0          | 17.973                   | 19.59                | PASS    |
| Band71 | 20MHz     | QPSK       | 133372  | 100RB#0          | 17.996                   | 19.90                | PASS    |
| Band71 | 20MHz     | 16QAM      | 133372  | 100RB#0          | 18.004                   | 19.66                | PASS    |

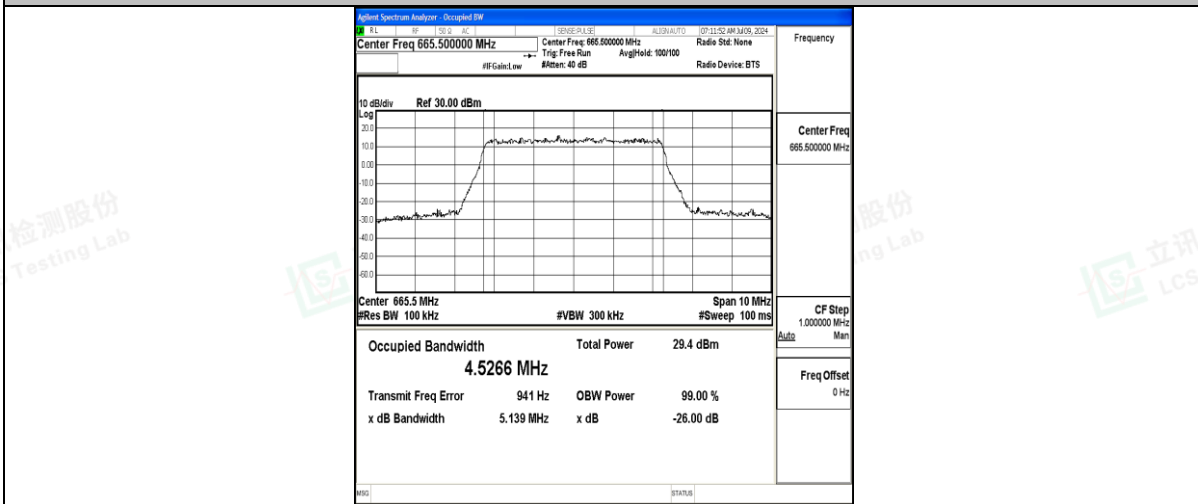




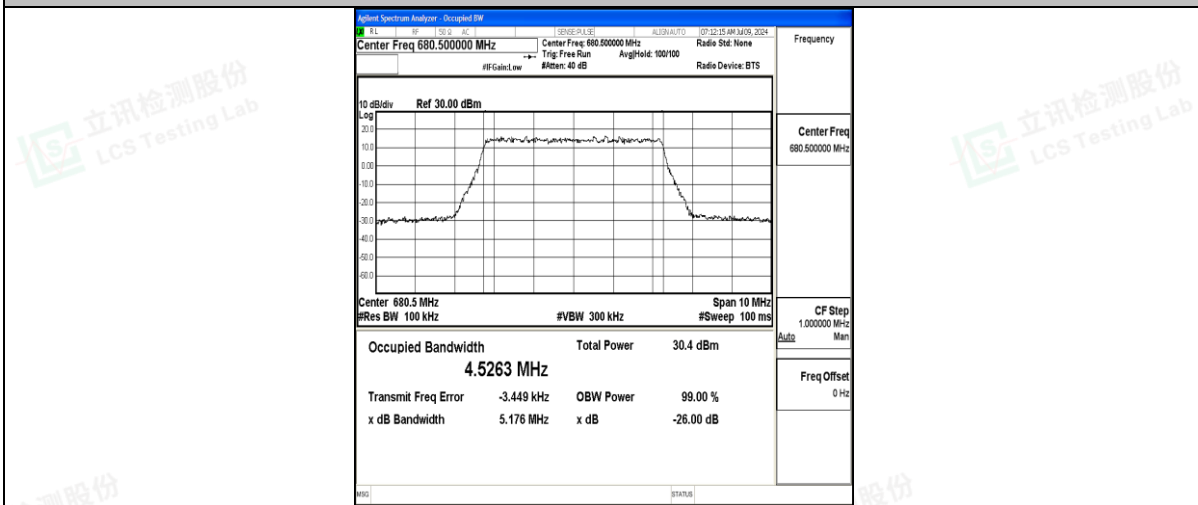
### Test Graphs



Band71-5MHz-QPSK-133147-25RB#0-PASS

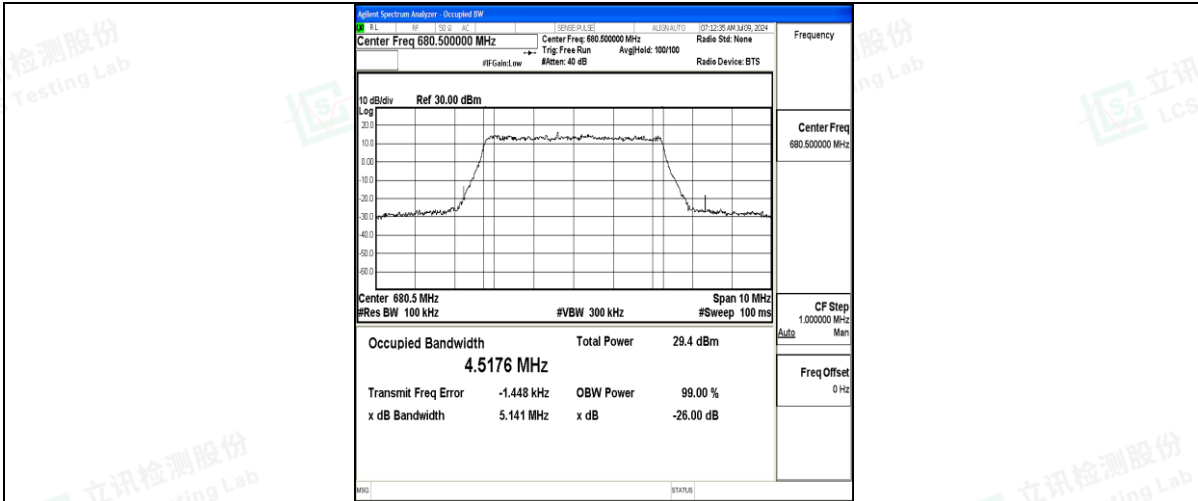


Band71-5MHz-16QAM-133147-25RB#0-PASS

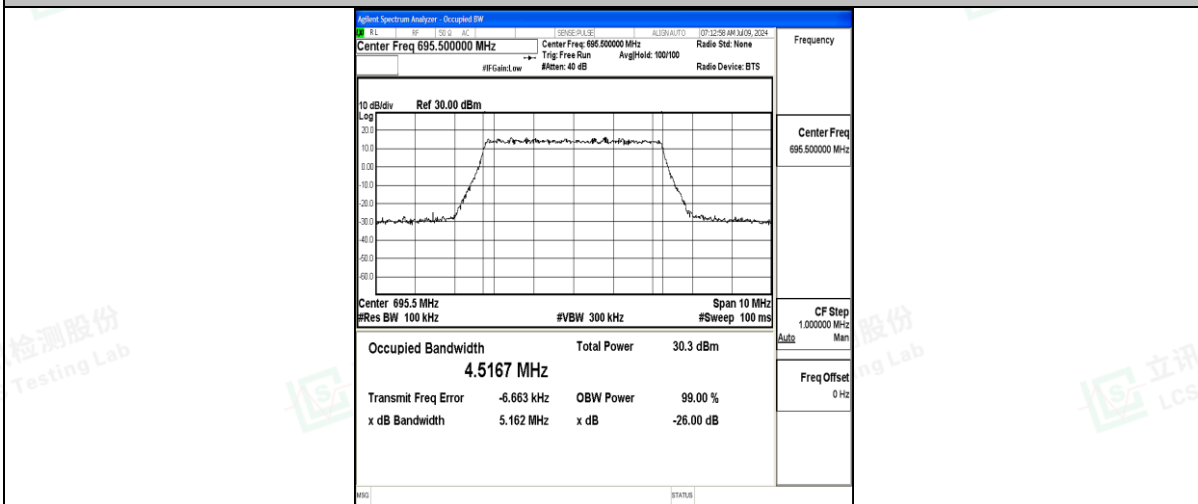


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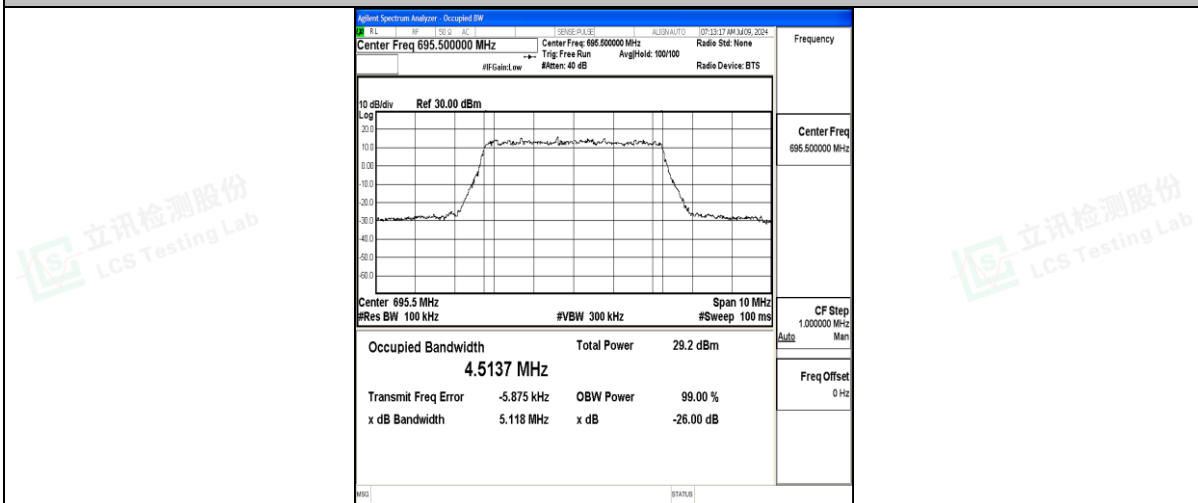




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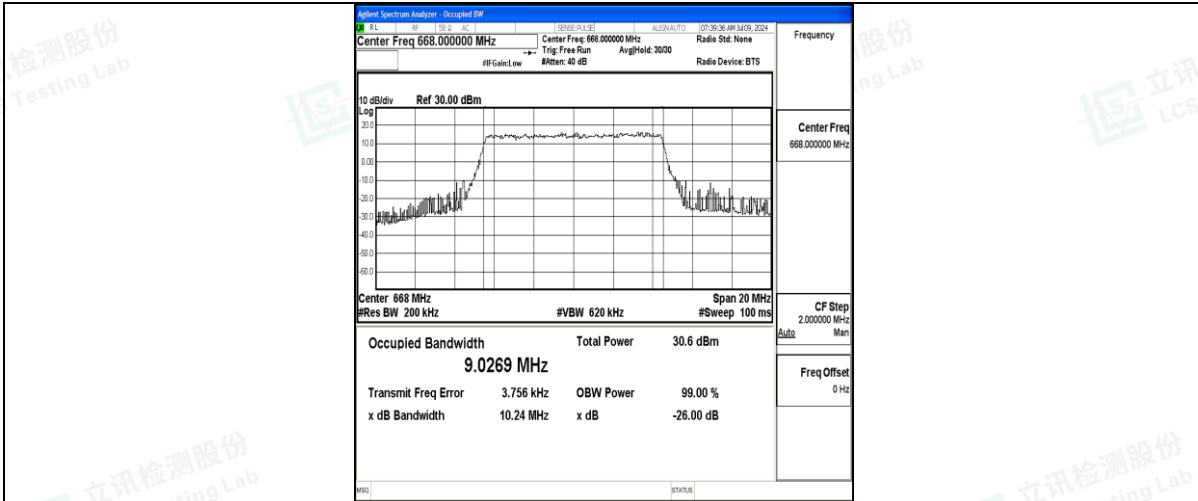


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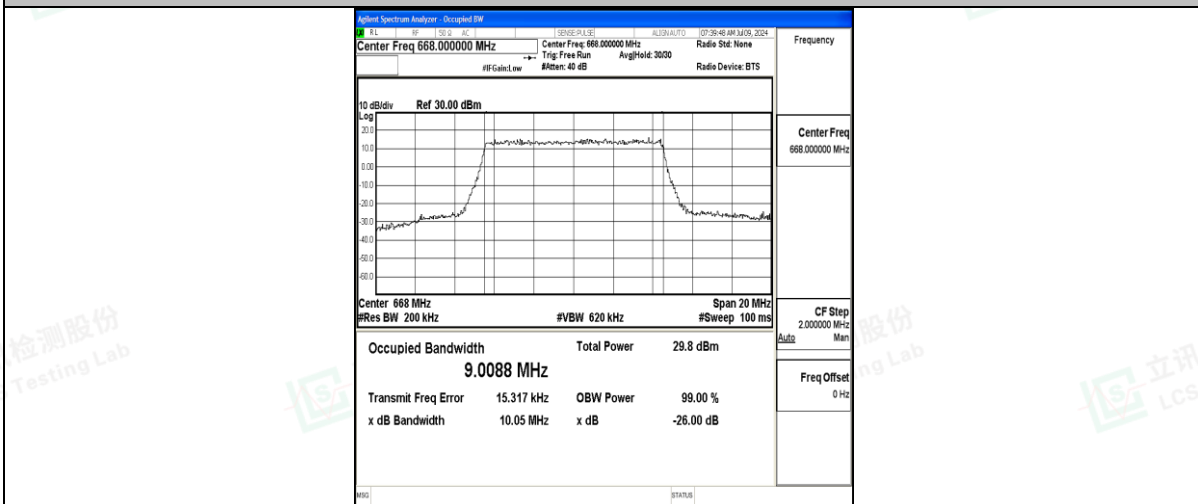


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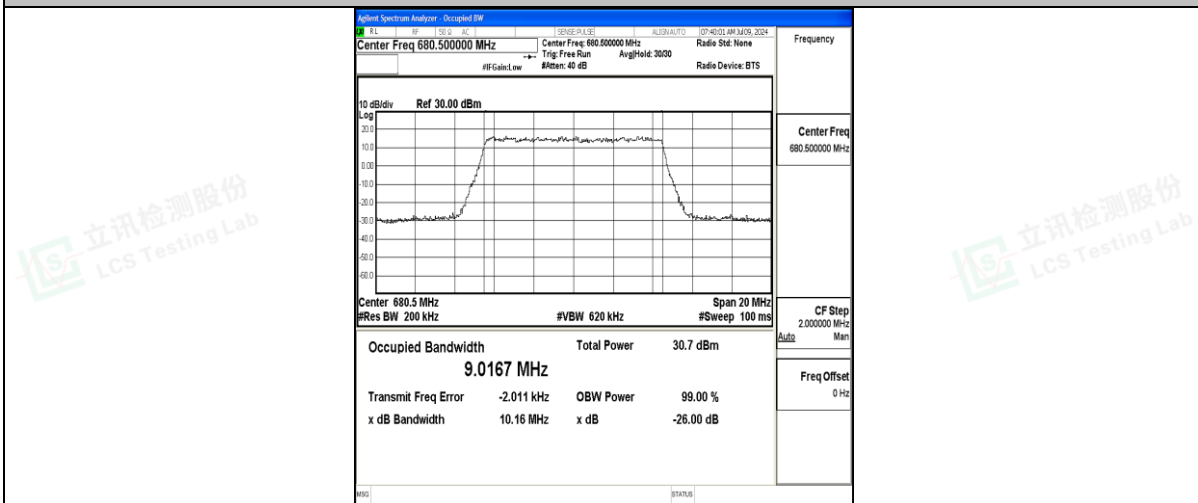




Band71-10MHz-QPSK-133172-50RB#0-PASS



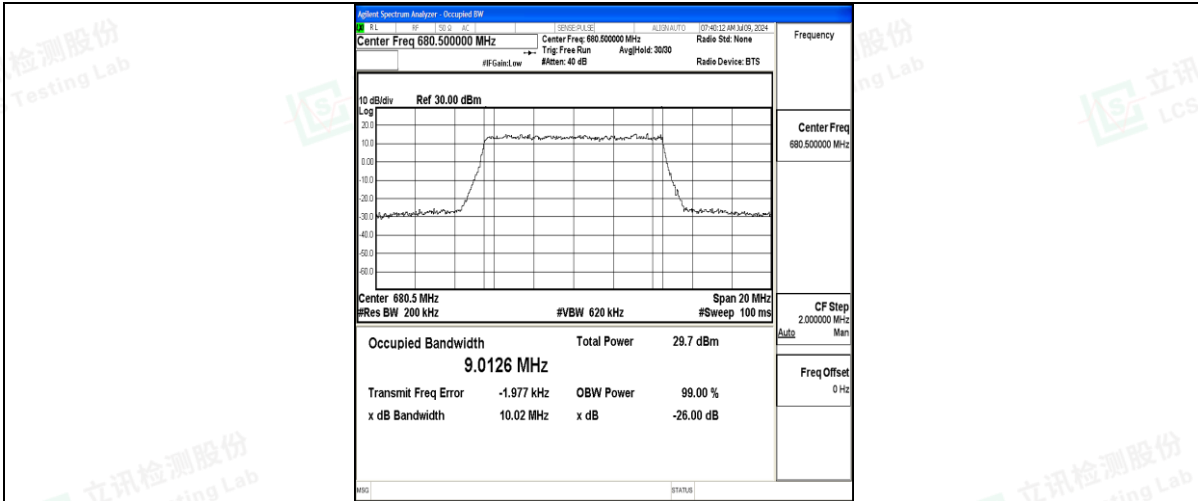
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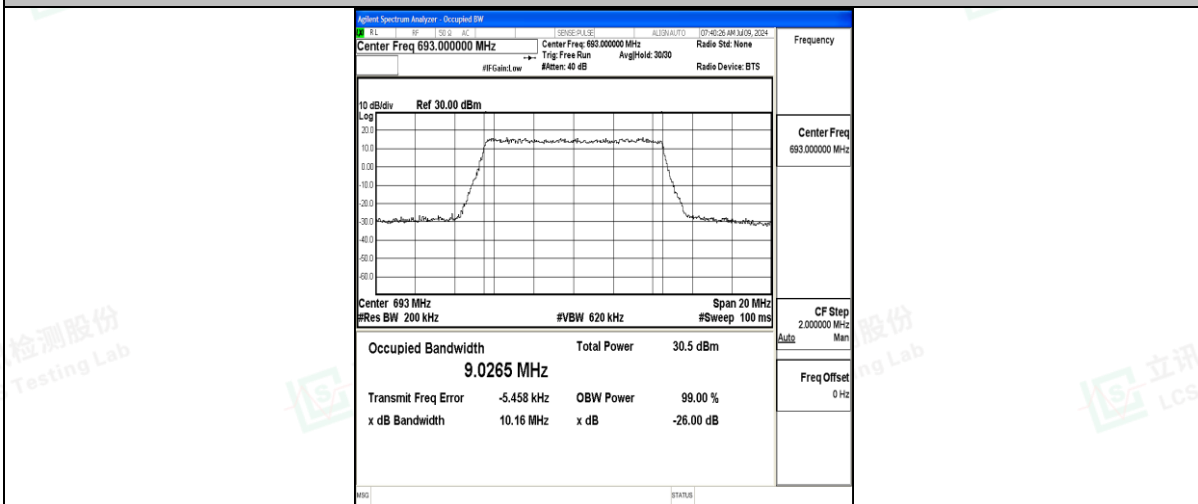
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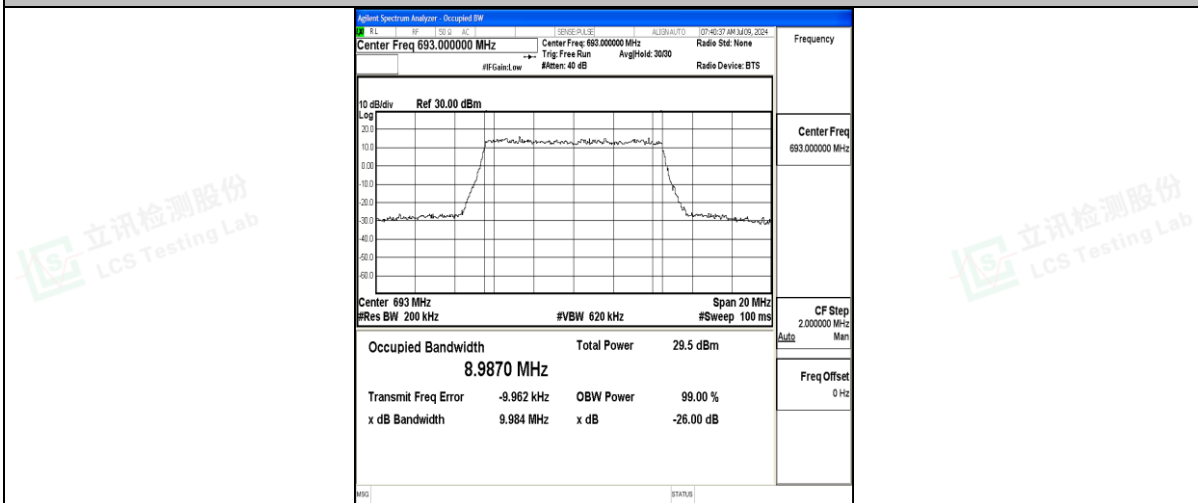




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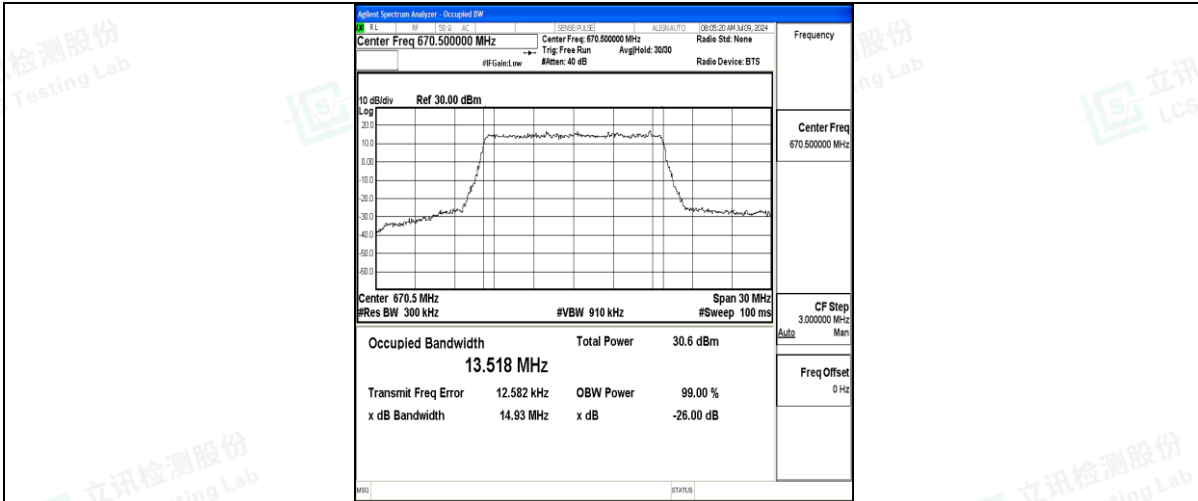


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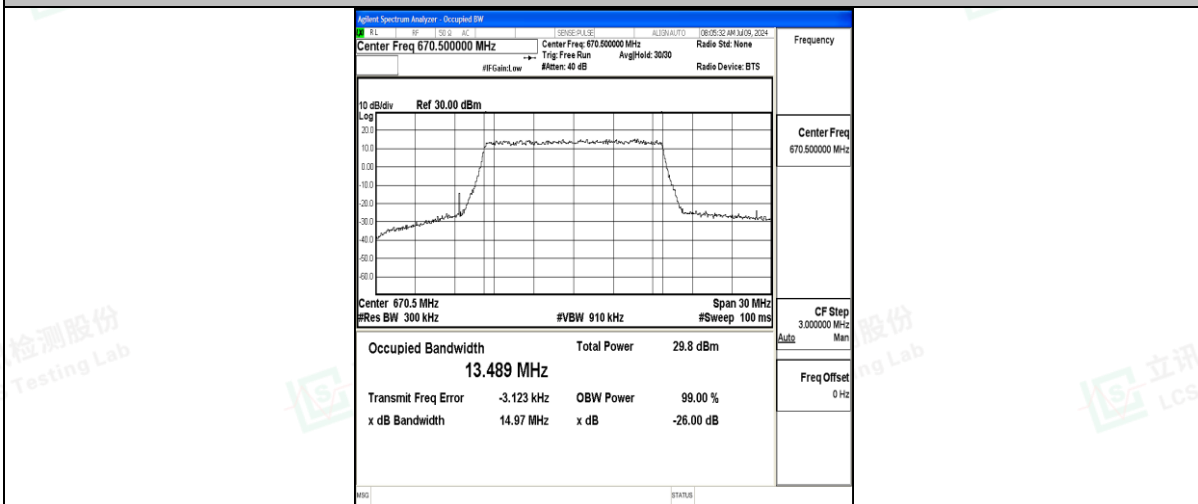


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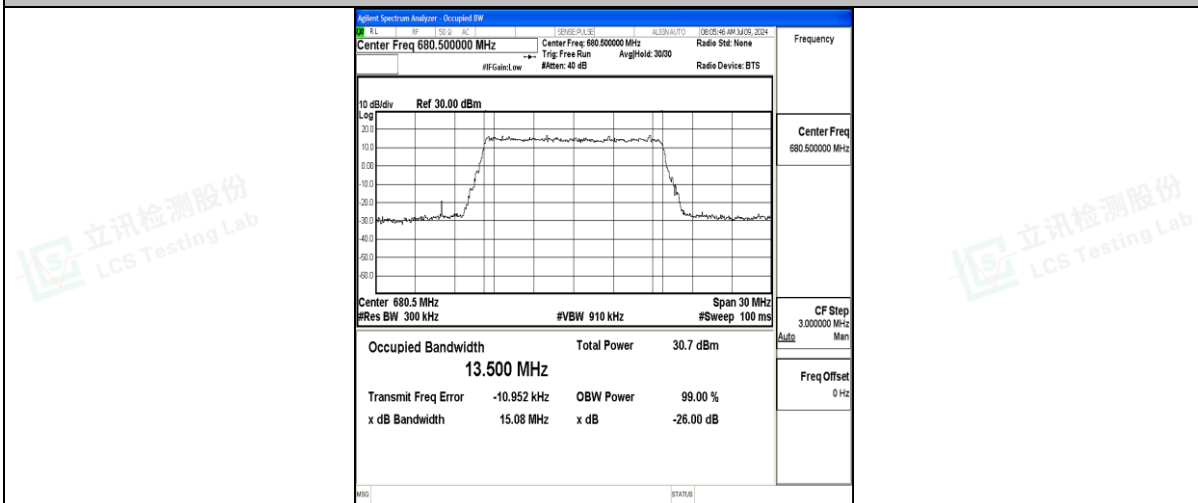




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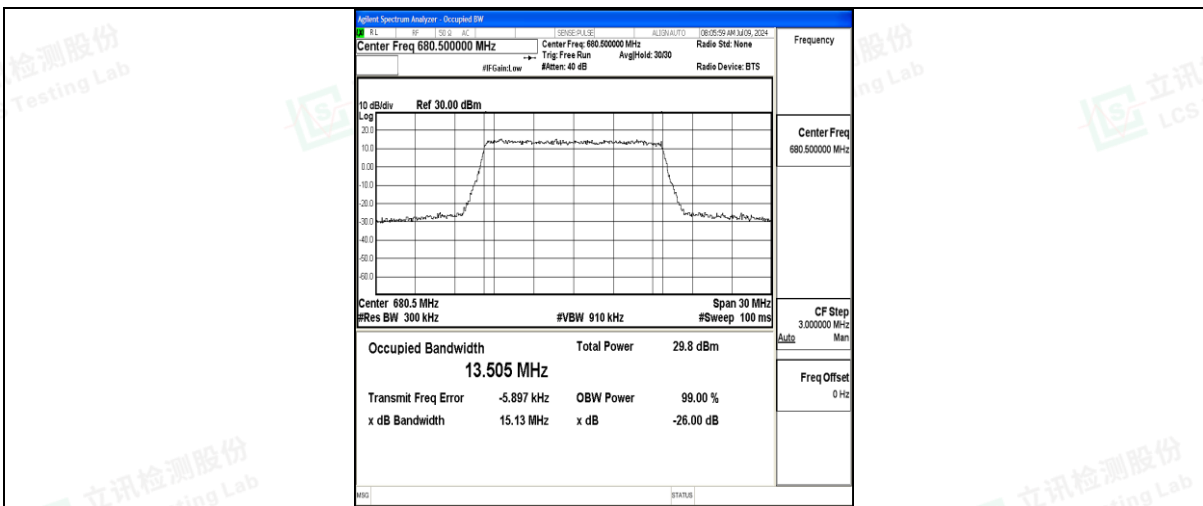


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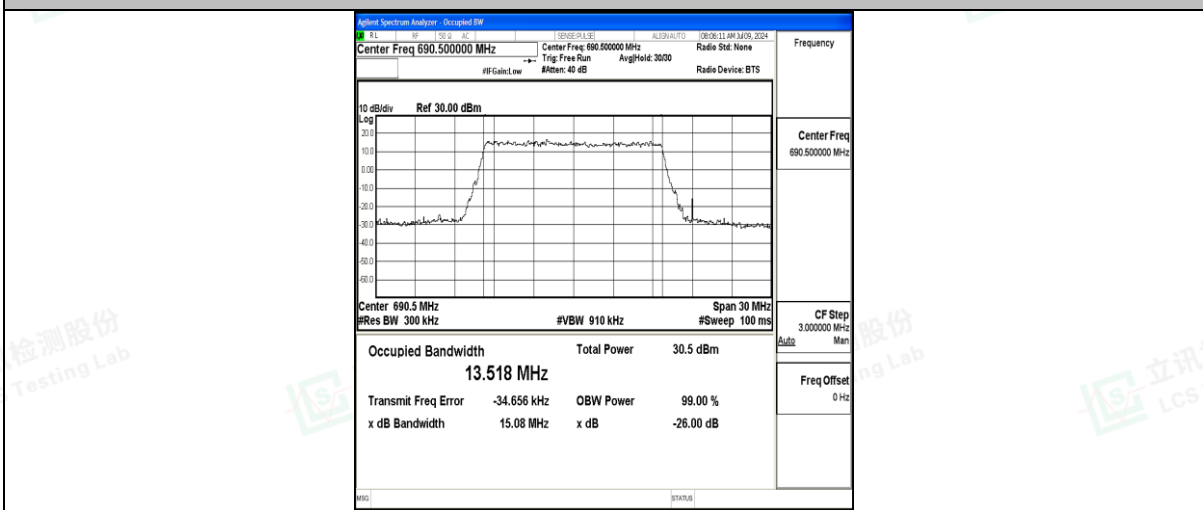


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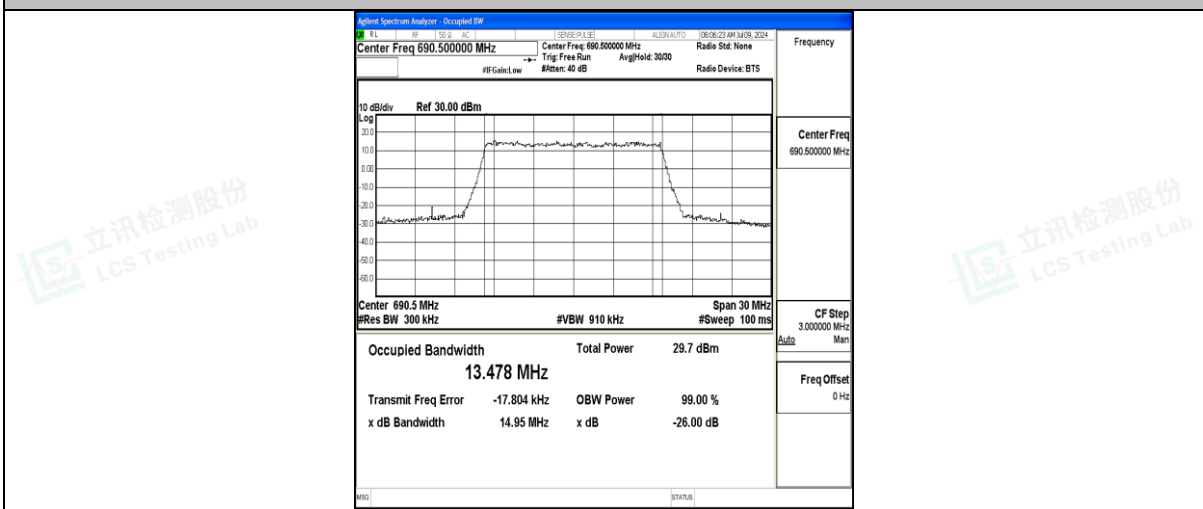




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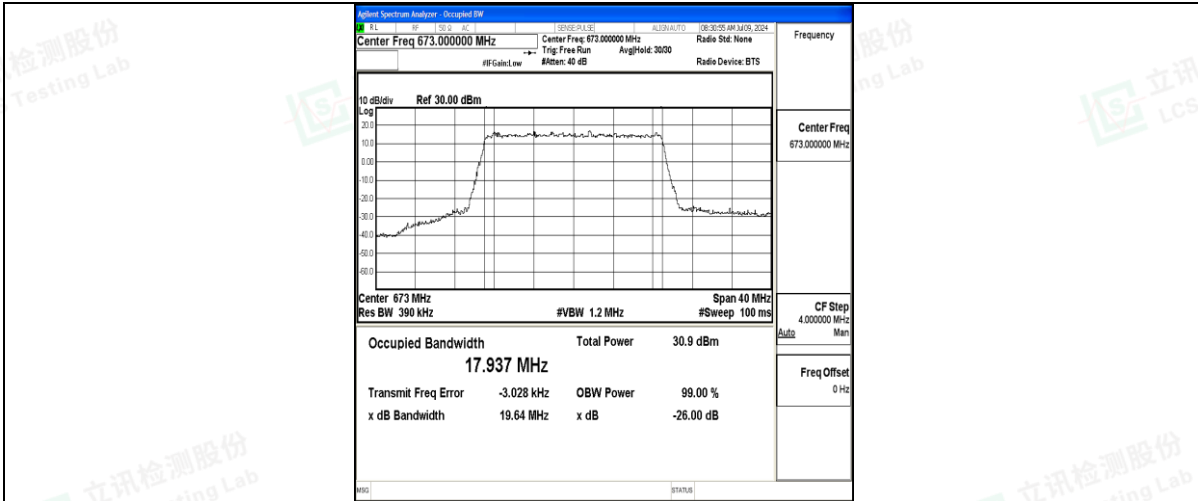


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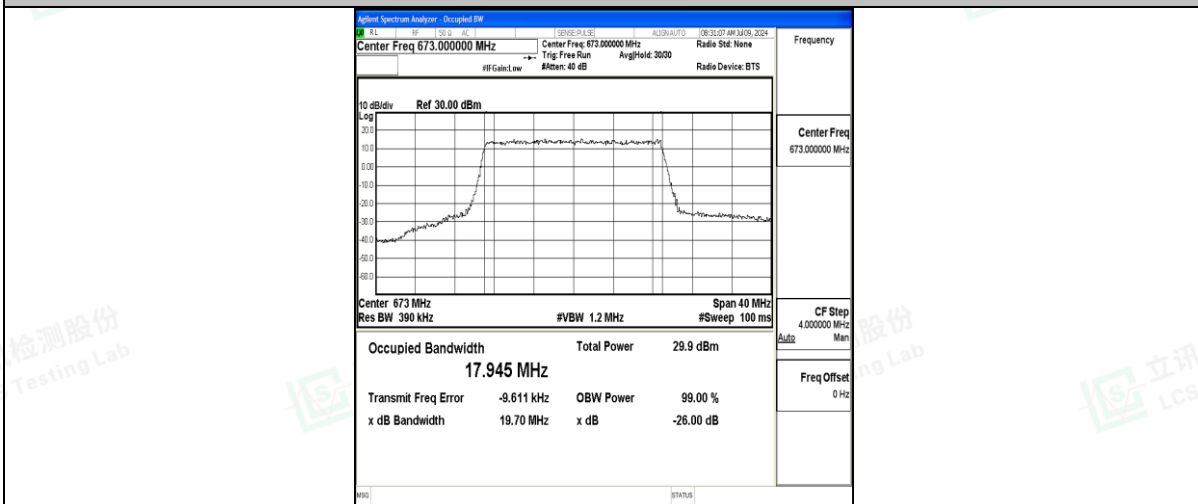


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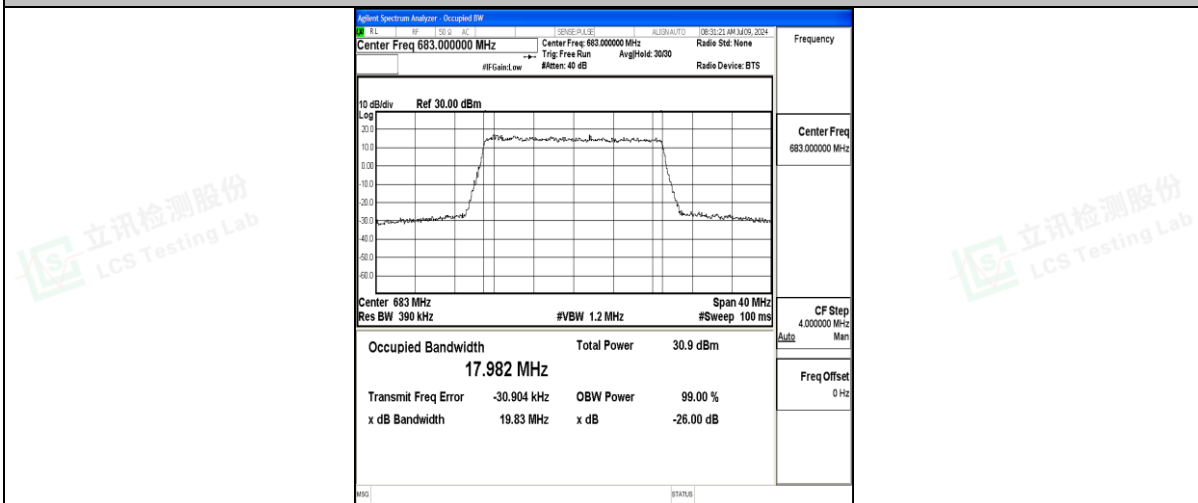




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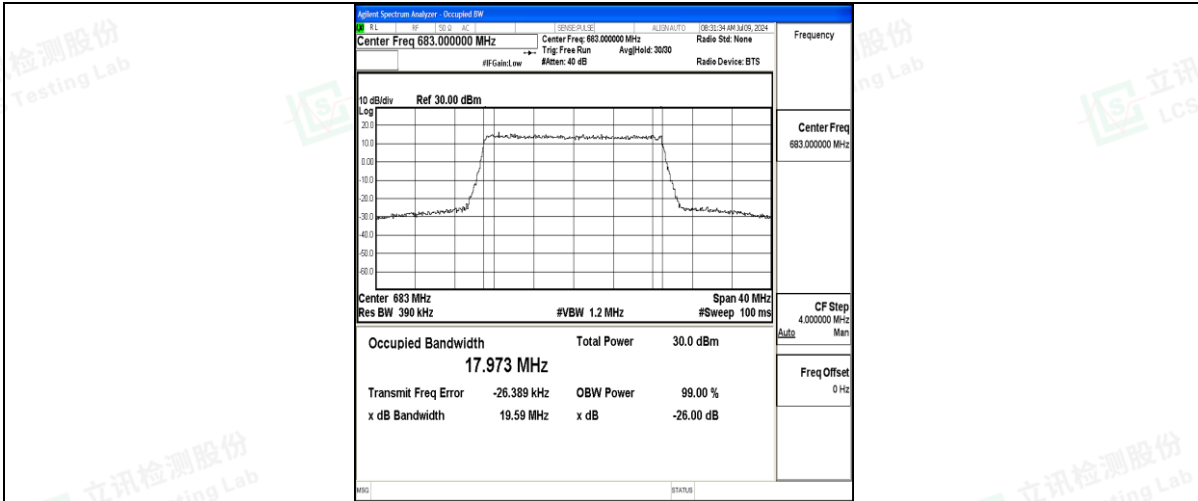


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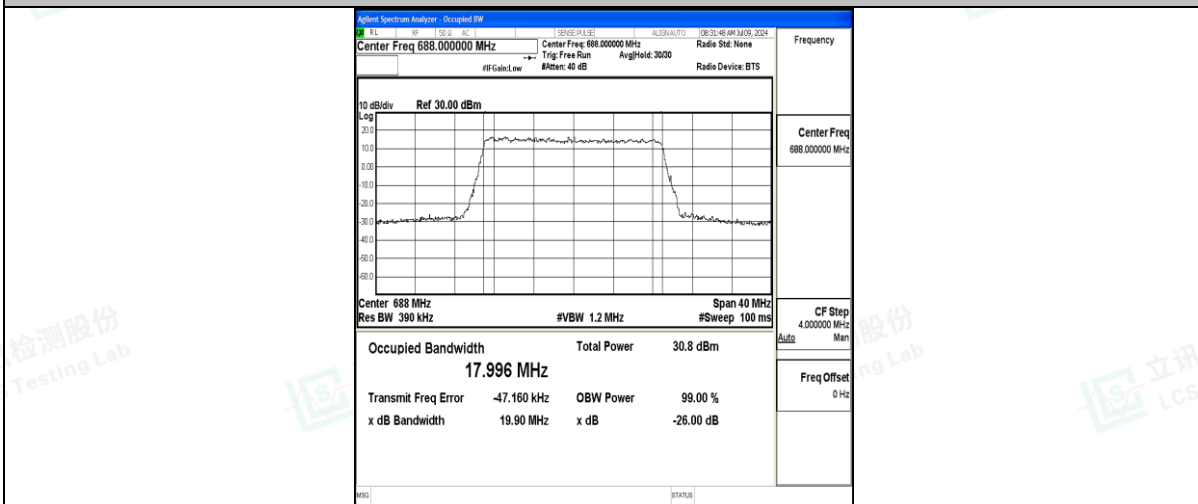


Band71-20MHz-QPSK-133322-100RB#0-PASS

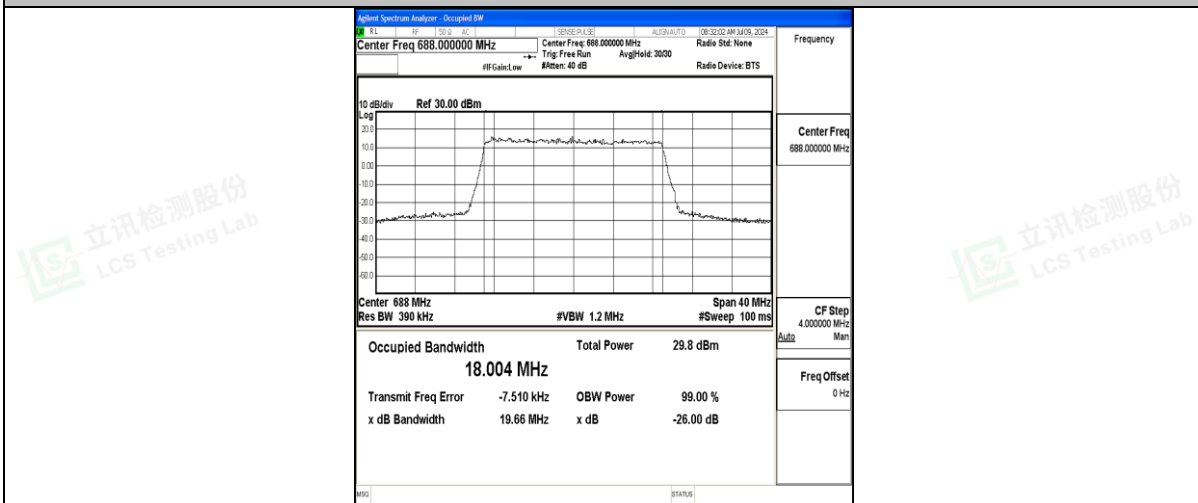




Band71-20MHz-16QAM-133322-100RB#0-PASS



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



Band71-20MHz-16QAM-133372-100RB#0-PASS



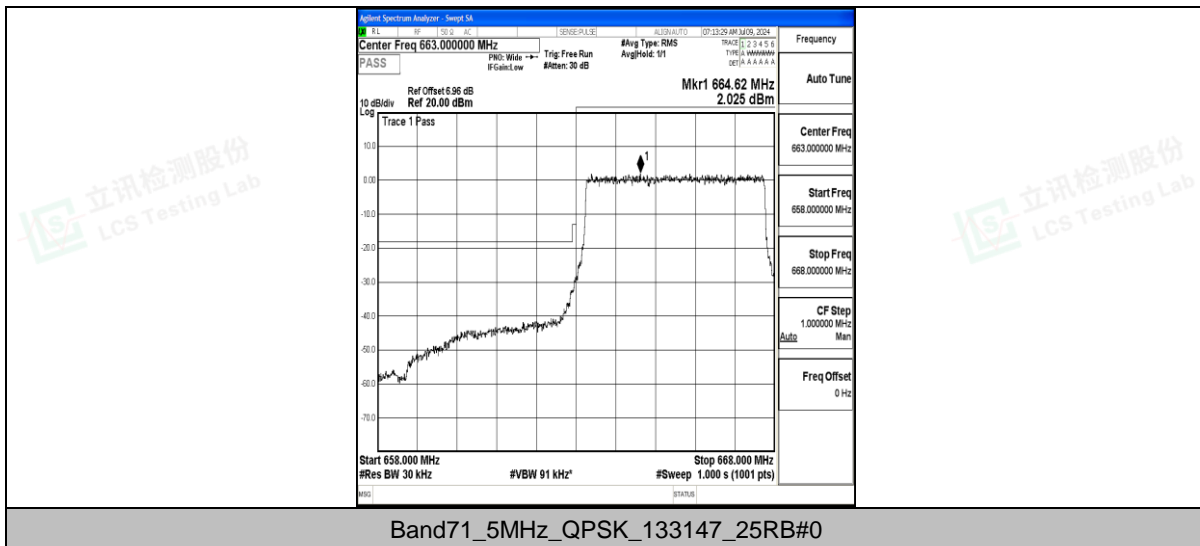


### S.4 Band Edge

#### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Peak Frequency | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|----------------|-------------|---------|
| Band71 | 5MHz      | QPSK       | 133147  | 25RB#0           | 662.90         | -32.54      | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 25RB#0           | 662.89         | -33.61      | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 25RB#0           | 698.11         | -33.75      | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 25RB#0           | 698.12         | -33.85      | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 50RB#0           | 662.89         | -36.74      | PASS    |
| Band71 | 10MHz     | 16QAM      | 133172  | 50RB#0           | 662.82         | -39.74      | PASS    |
| Band71 | 10MHz     | QPSK       | 133422  | 50RB#0           | 698.13         | -40.16      | PASS    |
| Band71 | 10MHz     | 16QAM      | 133422  | 50RB#0           | 698.11         | -39.06      | PASS    |
| Band71 | 15MHz     | QPSK       | 133197  | 75RB#0           | 662.86         | -40.54      | PASS    |
| Band71 | 15MHz     | 16QAM      | 133197  | 75RB#0           | 662.90         | -41.42      | PASS    |
| Band71 | 15MHz     | QPSK       | 133397  | 75RB#0           | 698.16         | -41.80      | PASS    |
| Band71 | 15MHz     | 16QAM      | 133397  | 75RB#0           | 698.24         | -42.45      | PASS    |
| Band71 | 20MHz     | QPSK       | 133222  | 100RB#0          | 662.75         | -44.97      | PASS    |
| Band71 | 20MHz     | 16QAM      | 133222  | 100RB#0          | 662.85         | -44.83      | PASS    |
| Band71 | 20MHz     | QPSK       | 133372  | 100RB#0          | 698.25         | -44.57      | PASS    |
| Band71 | 20MHz     | 16QAM      | 133372  | 100RB#0          | 698.13         | -44.09      | PASS    |

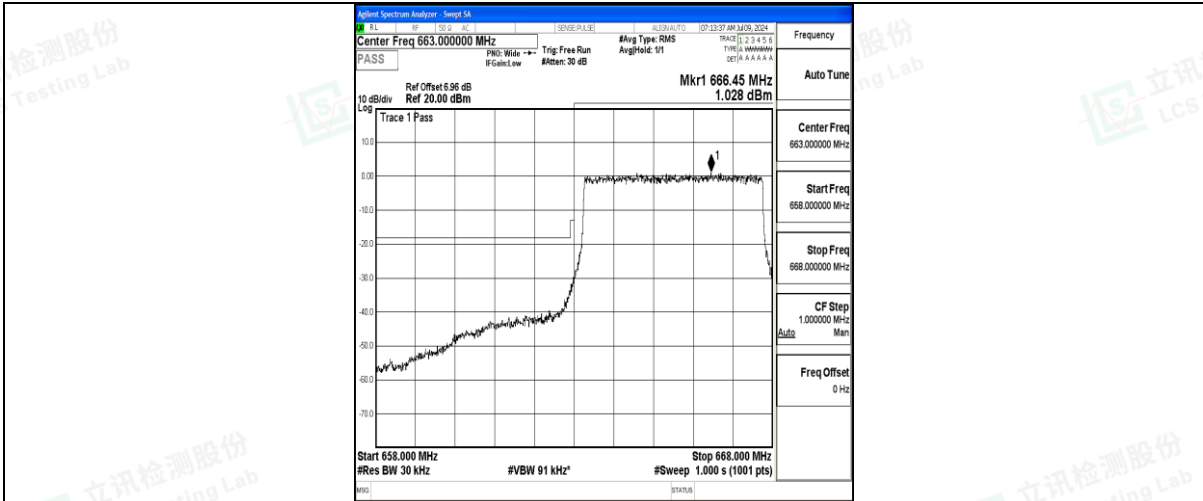
#### Test Graphs



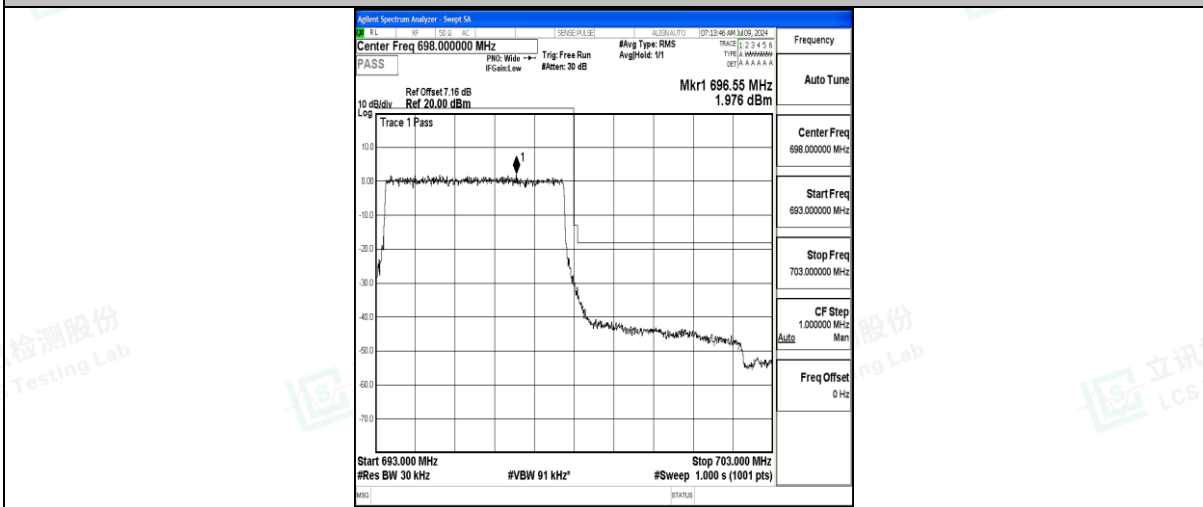
Band71\_5MHz\_QPSK\_133147\_25RB#0



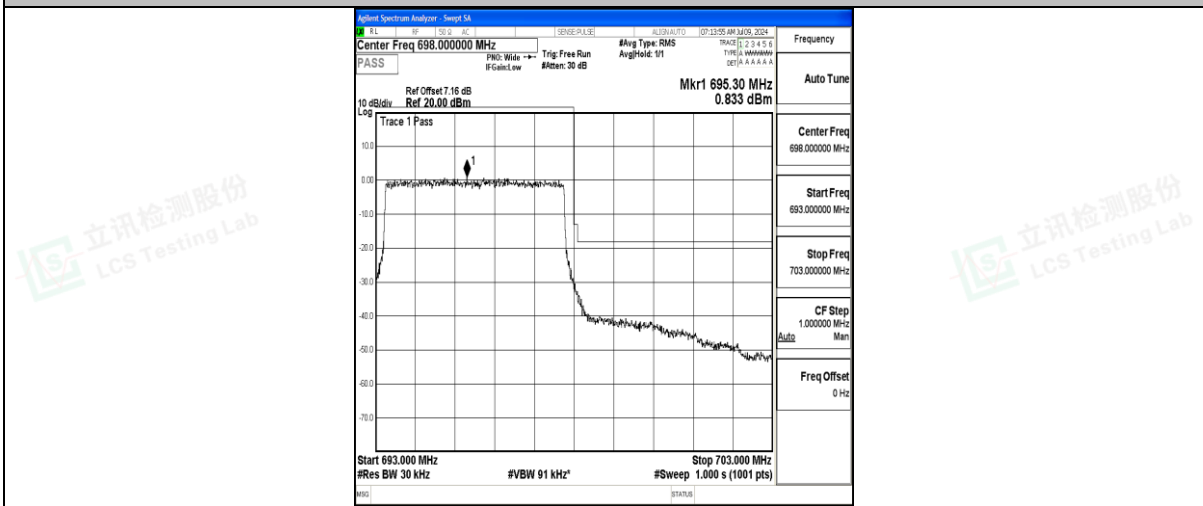




Band71\_5MHz\_16QAM\_133147\_25RB#0



Band71\_5MHz\_QPSK\_133447\_25RB#0



Band71\_5MHz\_16QAM\_133447\_25RB#0

