



## Appendix I: Test Data for E-UTRA Band 7

**Product Name: BluePad-5500 Plus**

**Test Model: BluePad-5500 Plus**

### Environmental Conditions

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



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Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
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## I.1 Conducted Output Power Data

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 22.90       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 21.71       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#12           | 23.05       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#12           | 21.84       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#24           | 22.84       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#24           | 21.74       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 12RB#0           | 21.86       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 12RB#0           | 20.76       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 12RB#6           | 21.84       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 12RB#6           | 20.76       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 12RB#13          | 21.90       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 12RB#13          | 20.82       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 21.89       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 20.85       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 23.15       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 21.98       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#12           | 23.23       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#12           | 22.09       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#24           | 23.07       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#24           | 21.95       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 12RB#0           | 22.17       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 12RB#0           | 21.09       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 12RB#6           | 22.15       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 12RB#6           | 21.09       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 12RB#13          | 22.09       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 12RB#13          | 20.98       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 22.11       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | 21.12       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 23.05       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 21.85       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#12           | 23.18       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#12           | 22.03       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#24           | 23.06       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#24           | 21.91       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 12RB#0           | 22.10       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 12RB#0           | 20.99       | PASS    |



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

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|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band7 | 5MHz  | QPSK  | 21425 | 12RB#6  | 22.07 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#6  | 20.99 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 12RB#13 | 22.04 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#13 | 20.97 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 25RB#0  | 22.05 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0  | 21.00 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#0   | 22.20 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0   | 21.32 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#24  | 22.51 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#24  | 21.52 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#49  | 22.41 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#49  | 21.39 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#0  | 21.35 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#0  | 20.31 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#12 | 21.31 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#12 | 20.30 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#25 | 21.61 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#25 | 20.62 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0  | 21.45 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0  | 20.45 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0   | 22.77 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0   | 21.45 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#24  | 22.85 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#24  | 21.59 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#49  | 22.55 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#49  | 21.33 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#0  | 21.76 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#0  | 20.76 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#12 | 21.74 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#12 | 20.77 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#25 | 21.61 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#25 | 20.59 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0  | 21.68 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0  | 20.68 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0   | 22.49 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0   | 21.39 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#24  | 22.73 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#24  | 21.52 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#49  | 22.50 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#0  | 21.60 | PASS |



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|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band7 | 10MHz | 16QAM | 21400 | 25RB#0  | 20.59 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#12 | 21.64 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#12 | 20.59 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#25 | 21.55 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#25 | 20.47 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0  | 21.57 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0  | 20.50 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0   | 22.01 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0   | 21.26 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#38  | 21.44 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#74  | 22.42 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#74  | 21.31 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#0  | 21.55 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#0  | 21.54 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#18 | 21.57 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0   | 22.63 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0   | 21.67 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#38  | 22.65 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#38  | 21.69 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#74  | 22.36 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#74  | 21.45 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#0  | 21.80 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#0  | 21.78 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#18 | 21.77 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#18 | 21.77 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#37 | 21.79 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#37 | 21.78 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | 21.77 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | 20.71 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0   | 22.38 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0   | 21.10 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#38  | 22.52 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#38  | 21.25 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#74  | 22.42 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#74  | 21.18 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#0  | 21.66 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#0  | 21.64 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#18 | 21.67 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#18 | 21.66 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#37 | 21.71 | PASS |



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|-------|-------|-------|-------|---------|-------|------|
| Band7 | 15MHz | 16QAM | 21375 | 38RB#37 | 21.71 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | 21.66 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | 20.58 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0   | 21.76 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0   | 20.99 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#49  | 22.67 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#49  | 21.40 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99  | 21.16 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#0  | 21.13 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#0  | 20.09 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#25 | 21.06 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#25 | 20.08 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#50 | 21.59 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#50 | 20.53 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 20.38 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0   | 22.55 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0   | 21.52 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#49  | 22.65 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#49  | 21.86 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#99  | 22.24 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#99  | 21.32 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#0  | 21.80 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#0  | 20.79 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#25 | 21.79 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 20.65 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0   | 22.17 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0   | 20.96 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#49  | 22.60 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#49  | 21.30 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#99  | 22.23 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99  | 21.07 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#0  | 21.51 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#0  | 20.50 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#25 | 21.53 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#50 | 21.29 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#50 | 20.30 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | 21.44 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 20.43 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#37 | 21.59 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | 21.57 | PASS |



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|-------|-------|-------|-------|---------|-------|------|
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | 20.50 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#99  | 22.46 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | 21.37 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#25 | 20.80 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#50 | 21.65 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#50 | 20.64 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | 21.70 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#25 | 20.52 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#49  | 21.51 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#38  | 22.49 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#18 | 21.55 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#37 | 21.60 | PASS |



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

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 3.25       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 4.12       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 5.10       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 5.77       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 3.55       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 4.43       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 5.20       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | 5.86       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 3.20       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 4.14       | 13        | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 5.04       | 13        | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0           | 5.69       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | 3.54       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 1RB#0            | 4.08       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0           | 5.09       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 50RB#0           | 5.82       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 1RB#0            | 3.36       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 1RB#0            | 4.16       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 50RB#0           | 5.17       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 50RB#0           | 5.88       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 1RB#0            | 2.84       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 1RB#0            | 3.91       | 13        | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0           | 4.94       | 13        | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 50RB#0           | 5.63       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 1RB#0            | 3.57       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 1RB#0            | 4.16       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 75RB#0           | 5.21       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 75RB#0           | 5.83       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 1RB#0            | 3.06       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 1RB#0            | 3.98       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 75RB#0           | 5.43       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 75RB#0           | 5.99       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 1RB#0            | 3.13       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 1RB#0            | 4.22       | 13        | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 75RB#0           | 5.09       | 13        | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 75RB#0           | 5.68       | 13        | PASS    |



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|       |       |       |       |         |      |    |      |
|-------|-------|-------|-------|---------|------|----|------|
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0   | 3.75 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0   | 4.23 | 13 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | 4.80 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 5.60 | 13 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0   | 2.91 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0   | 3.87 | 13 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | 5.19 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 5.91 | 13 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0   | 3.81 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0   | 4.65 | 13 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | 4.87 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 5.63 | 13 | PASS |



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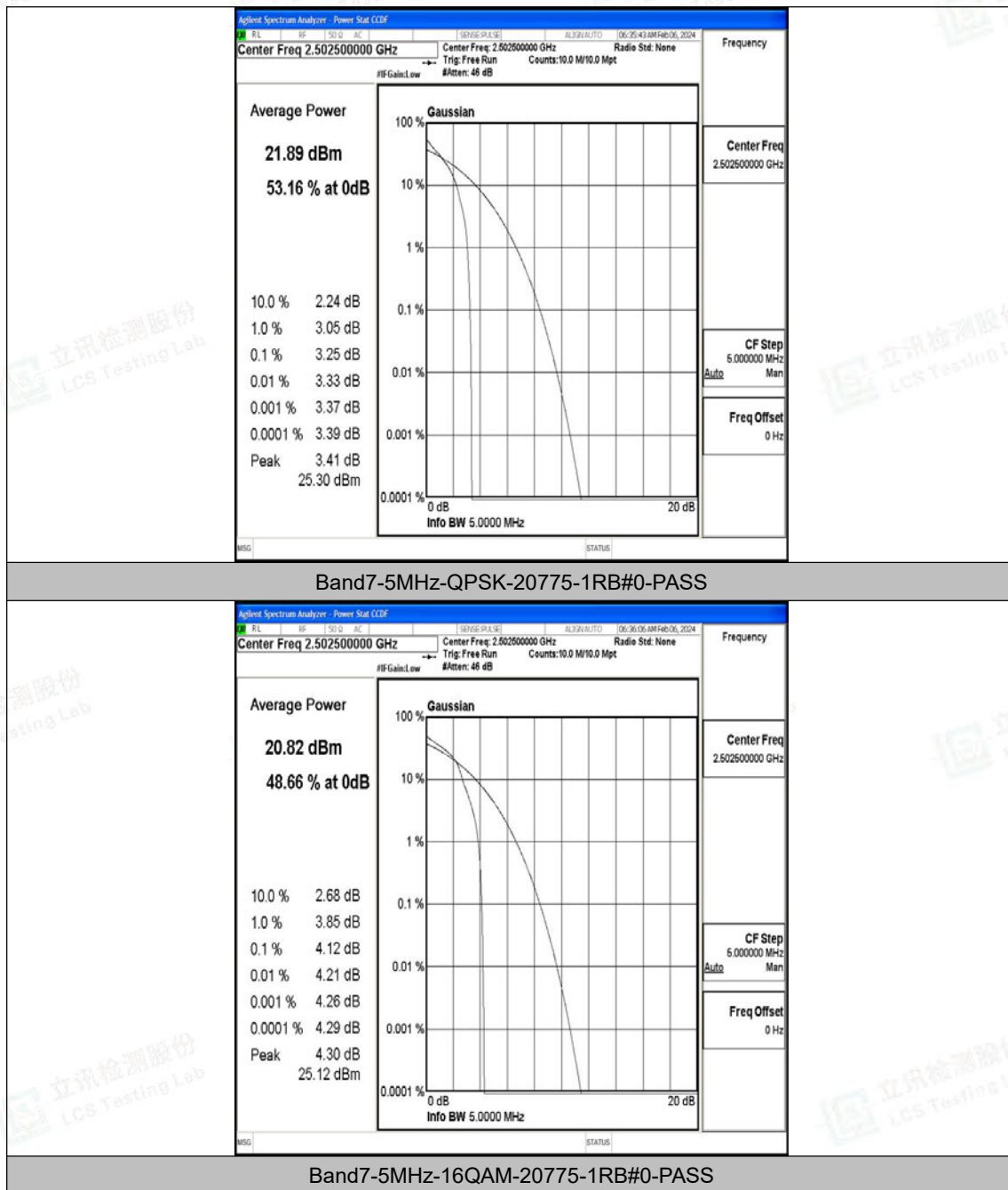
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## Test Graphs

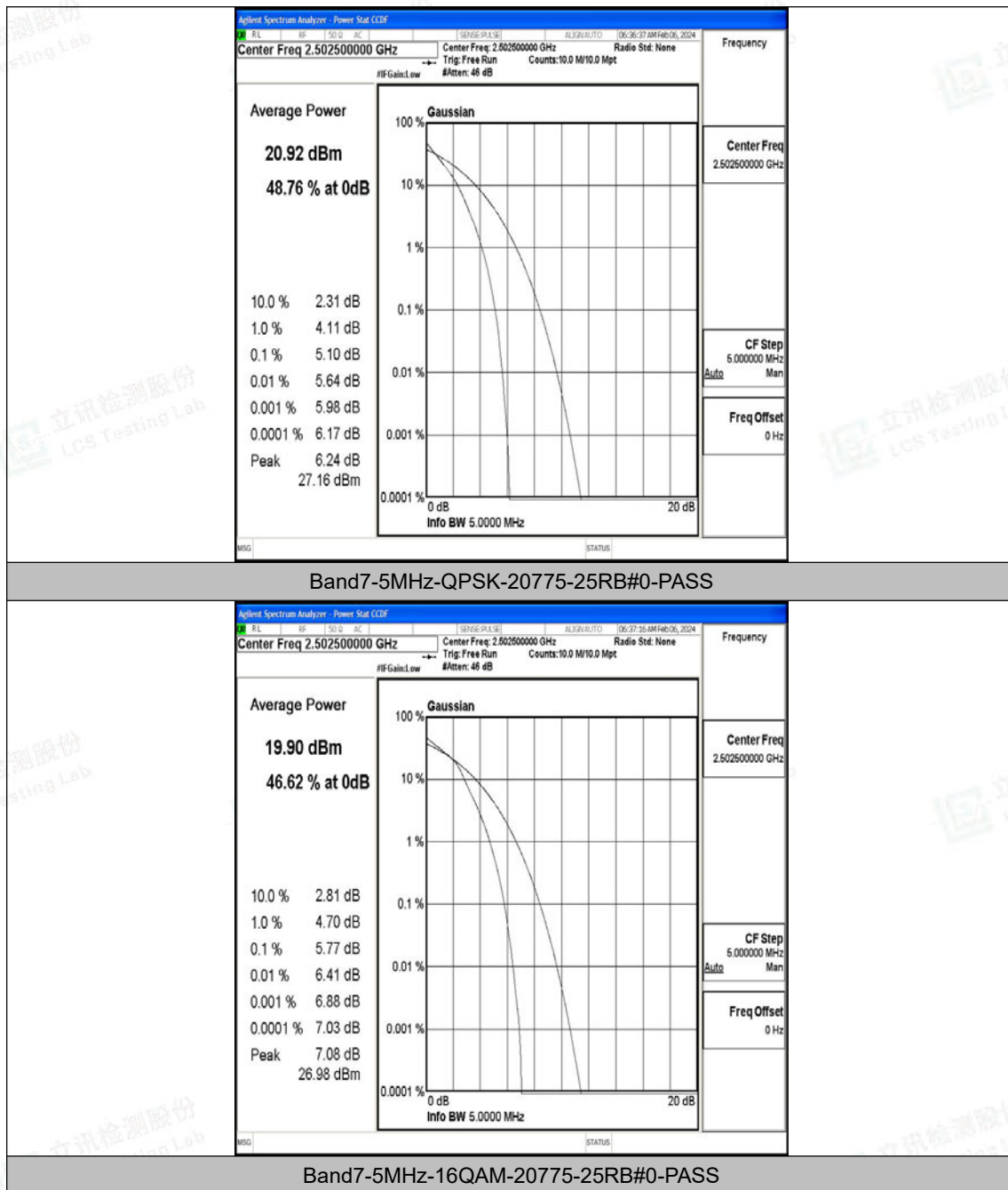


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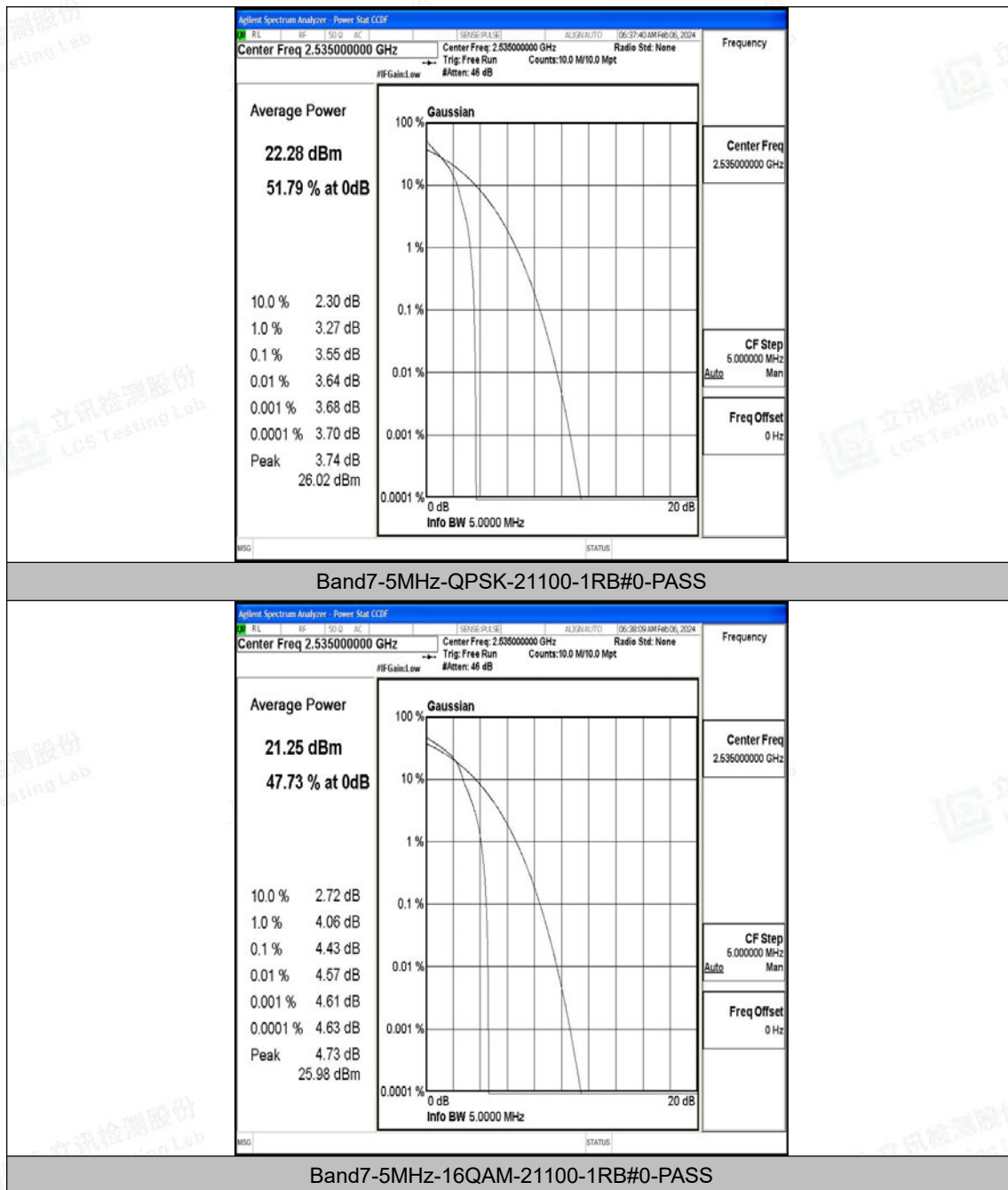


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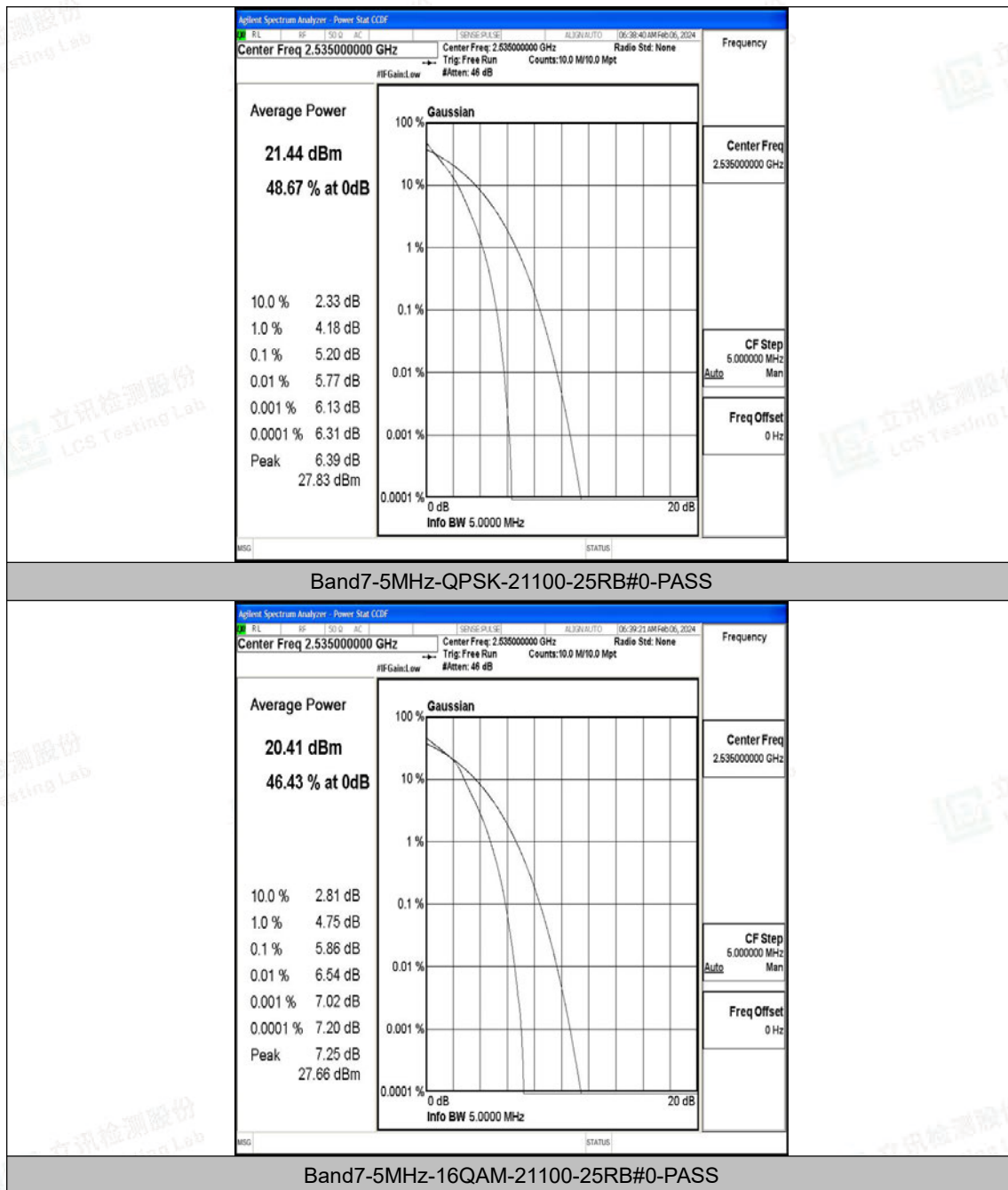


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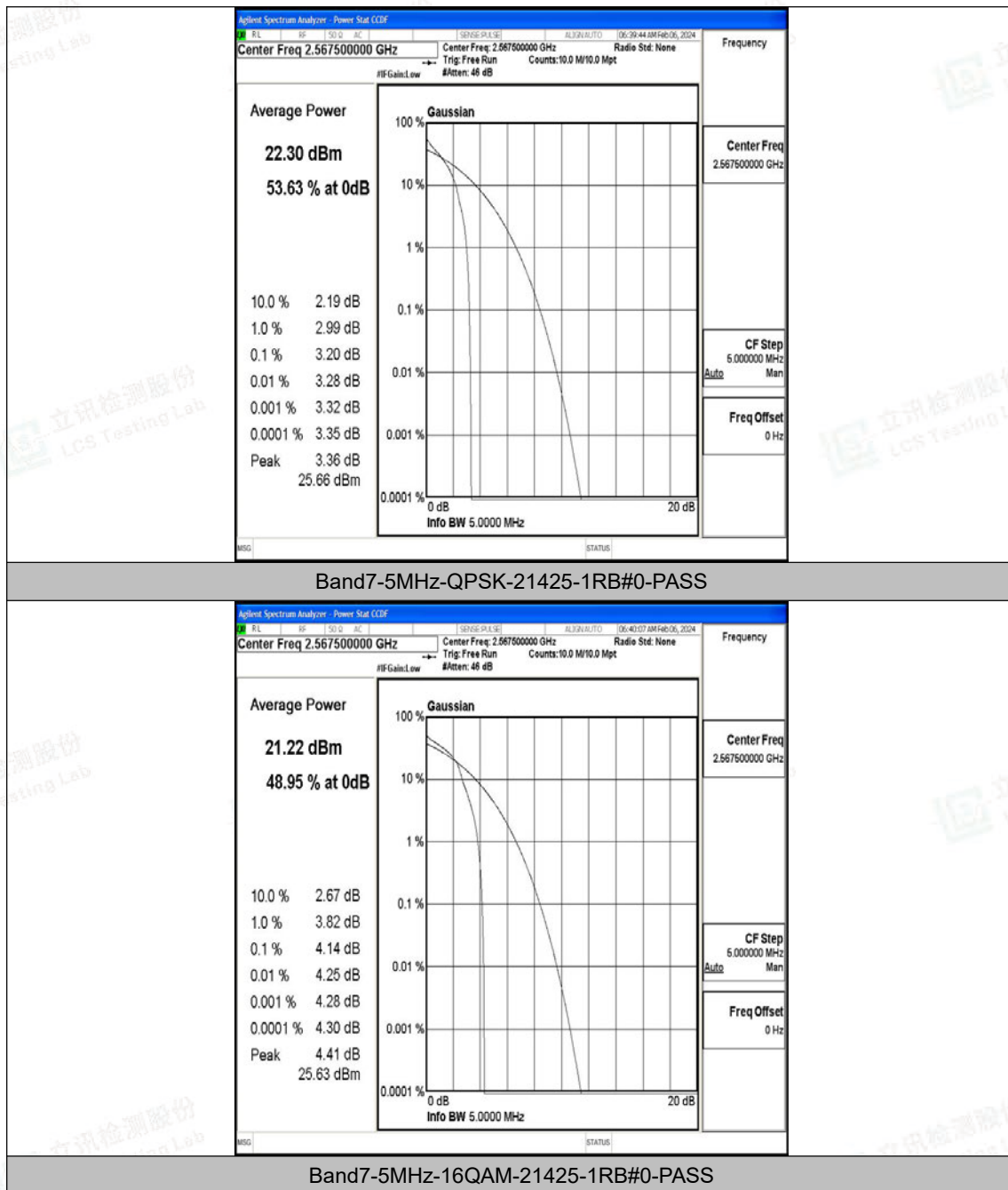


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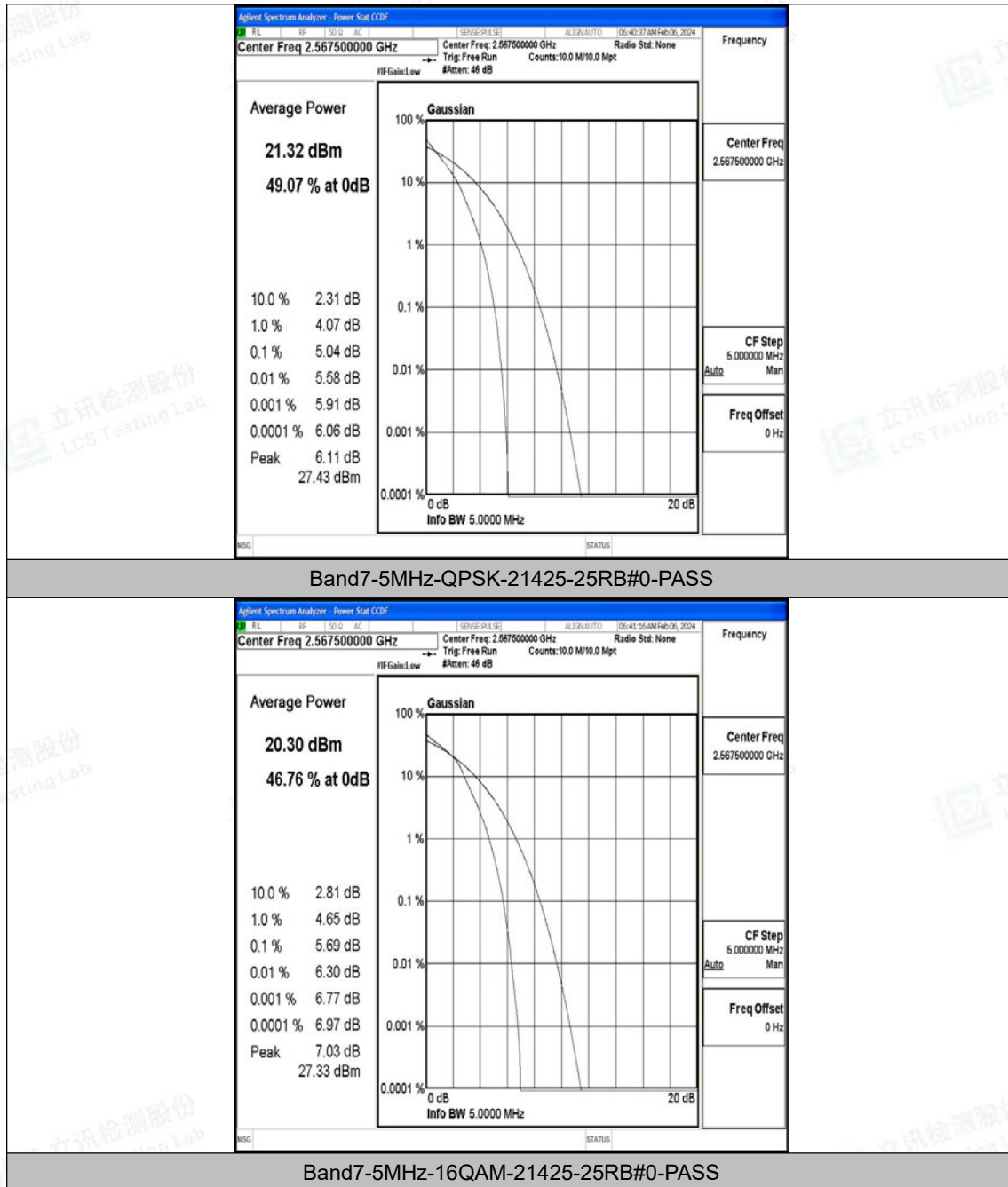


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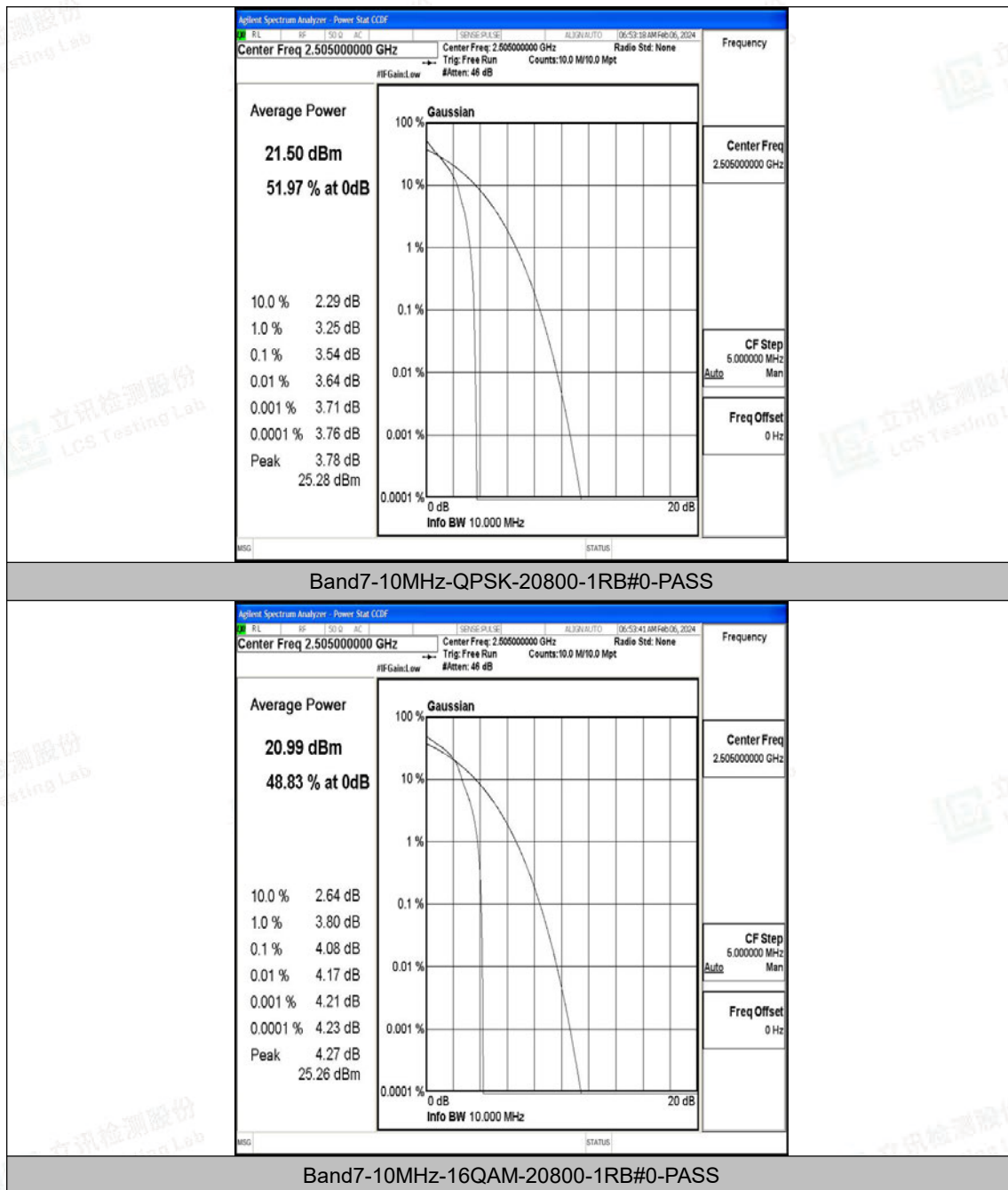


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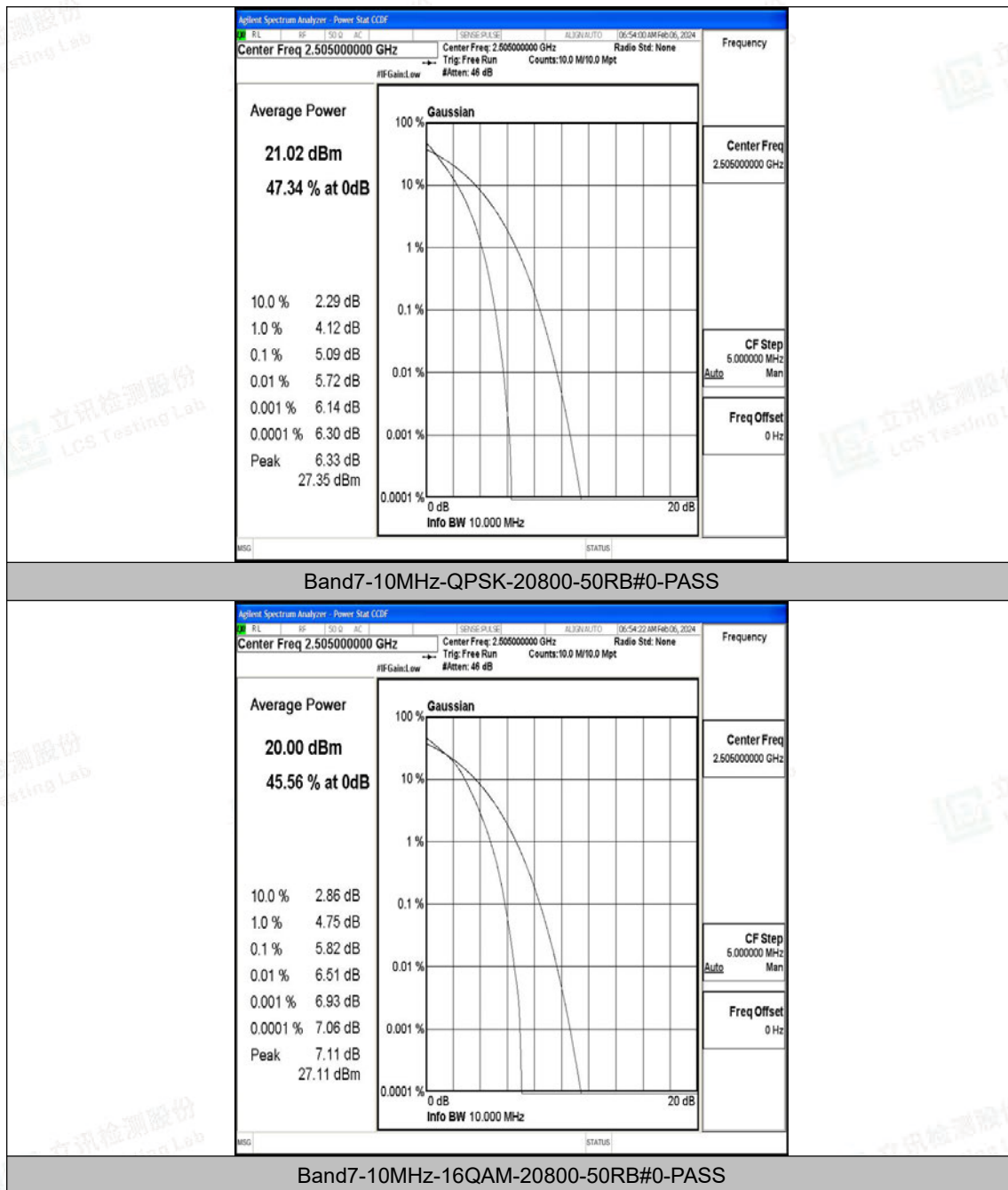


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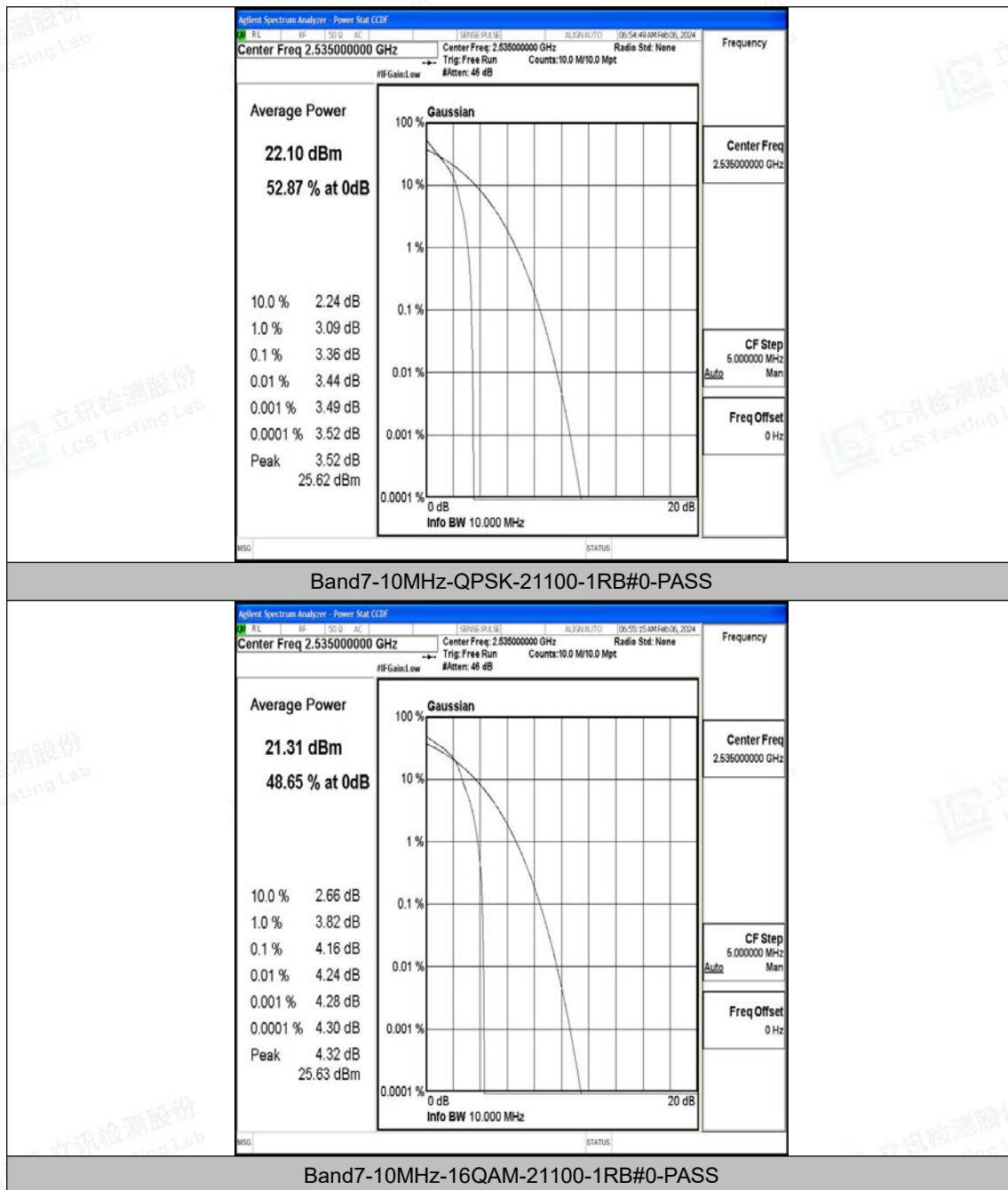


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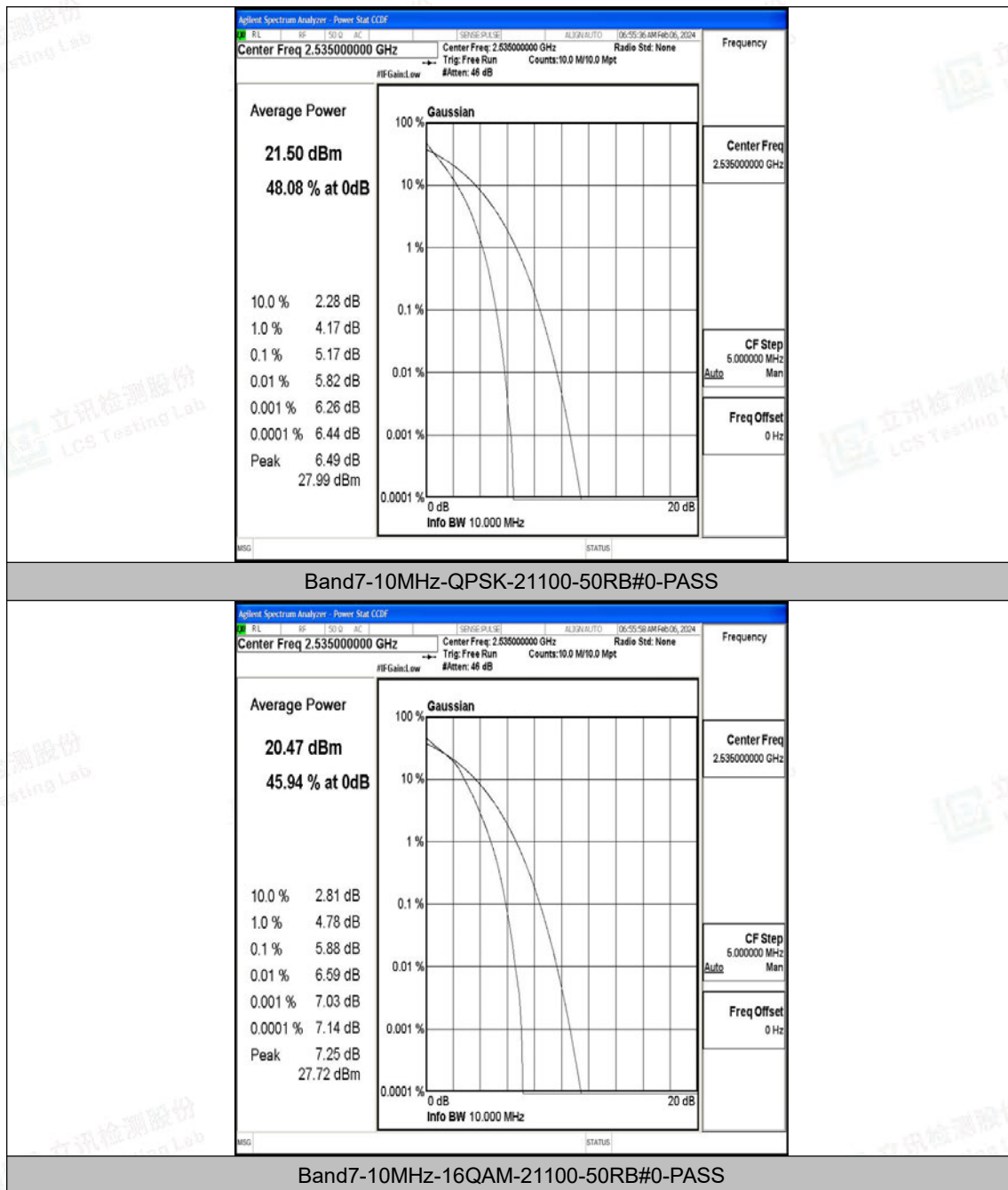


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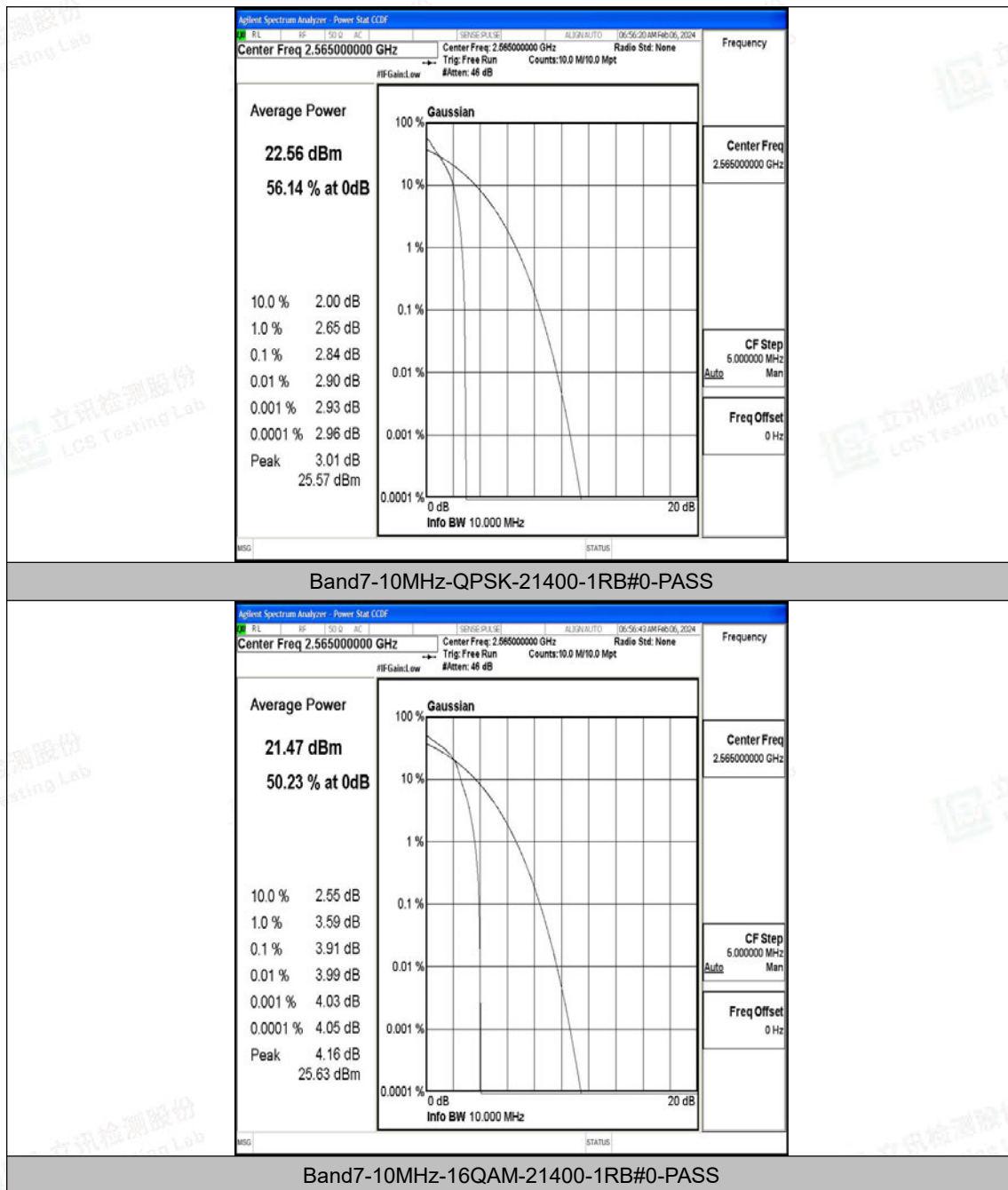


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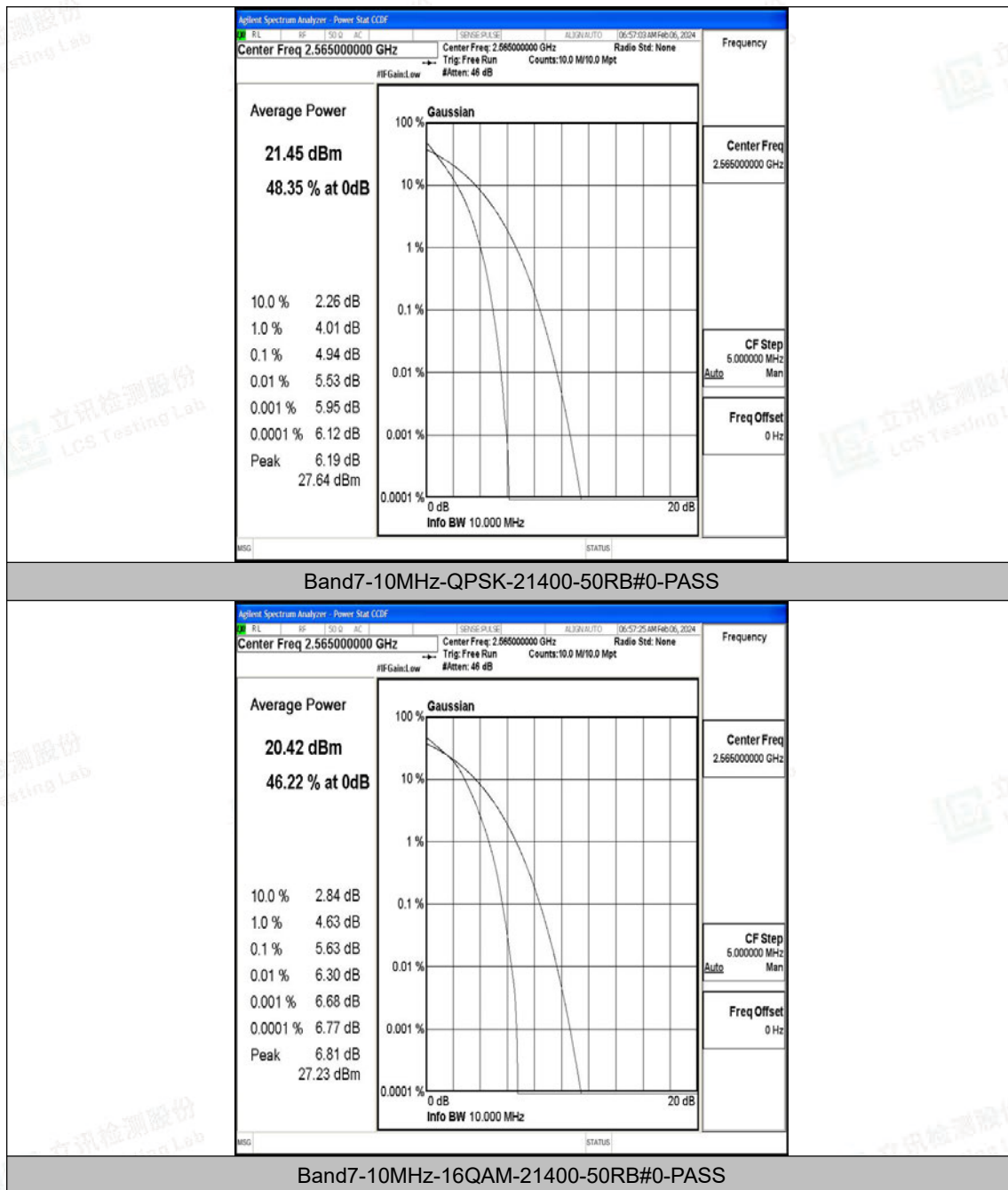


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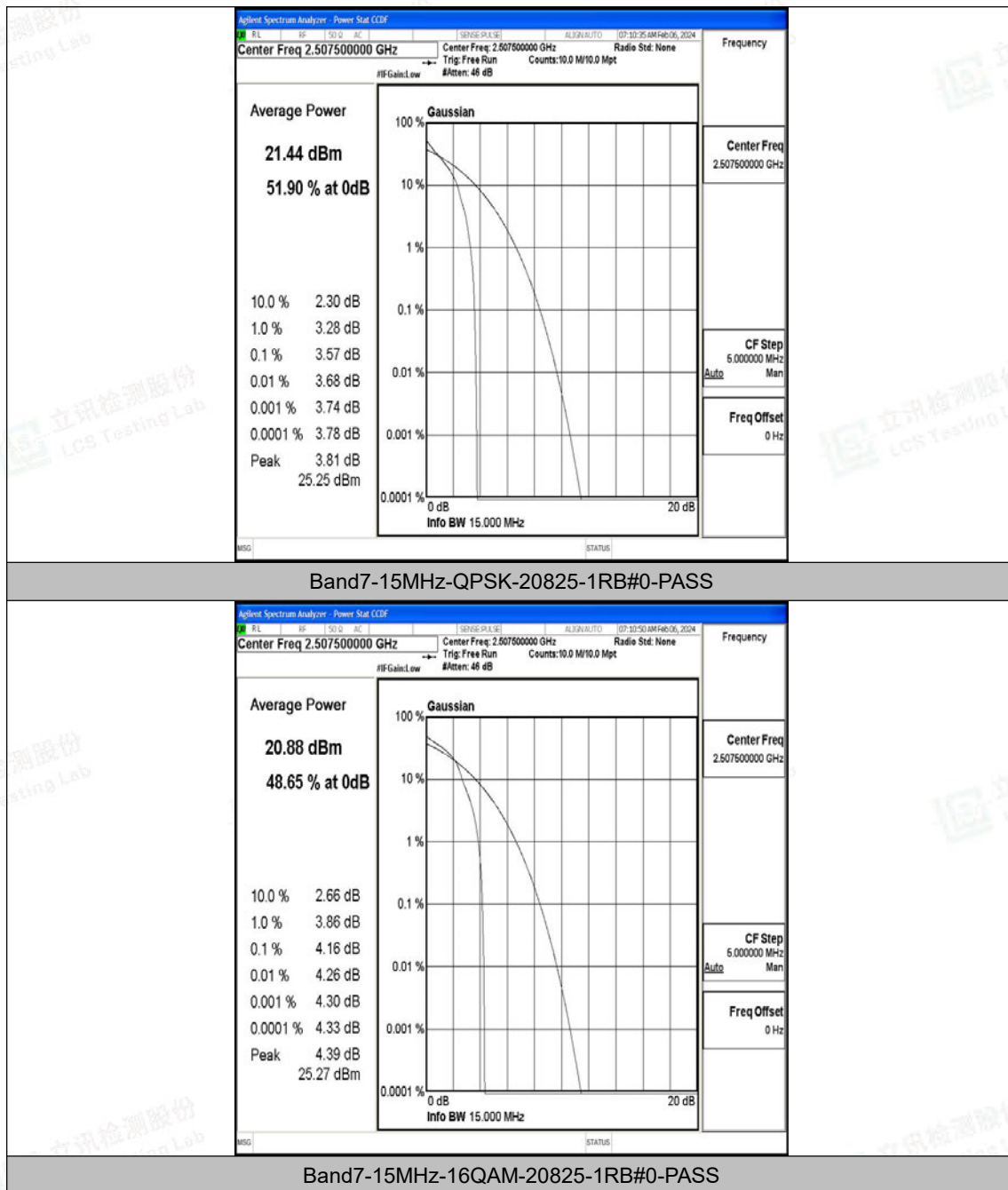


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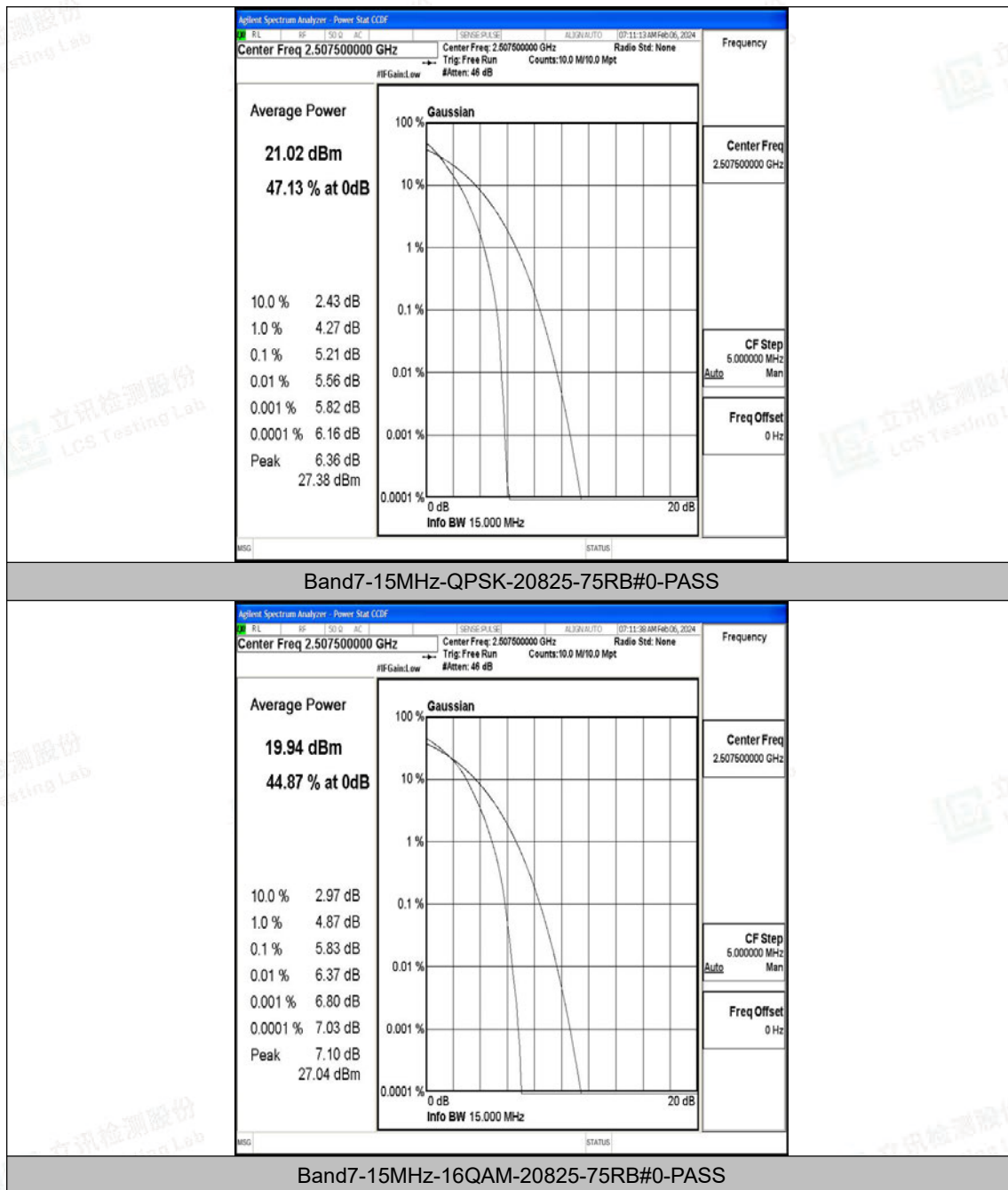


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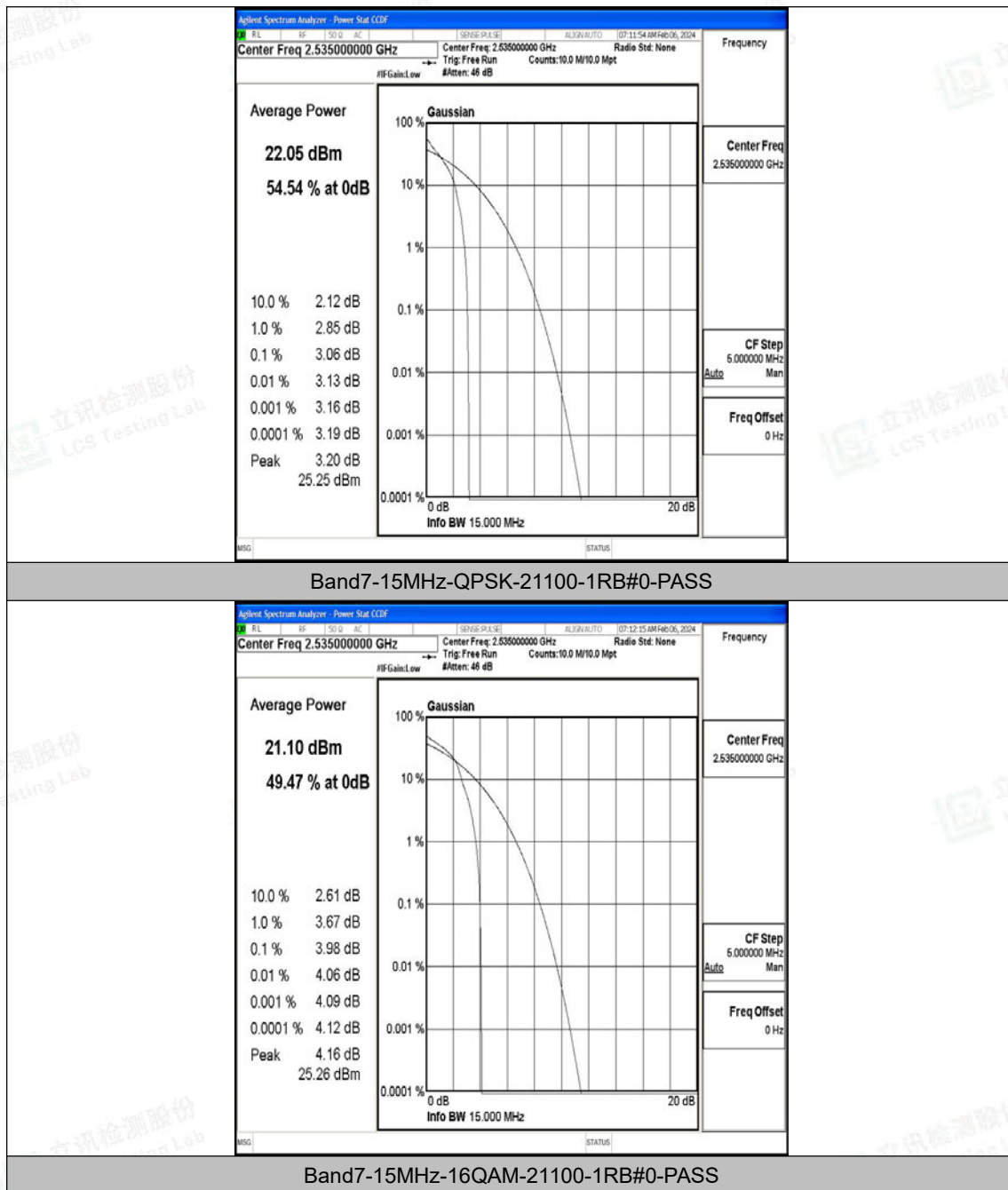


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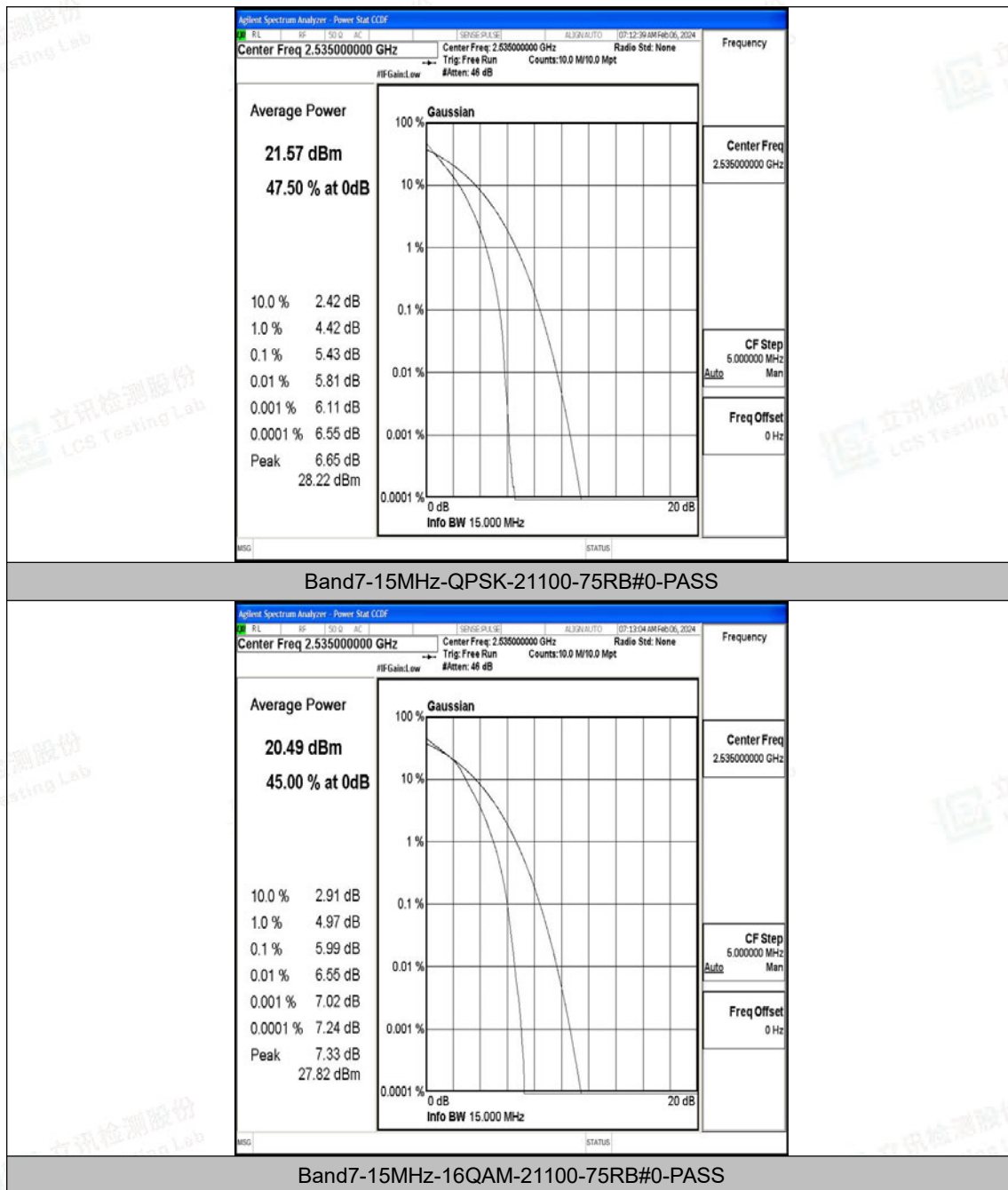


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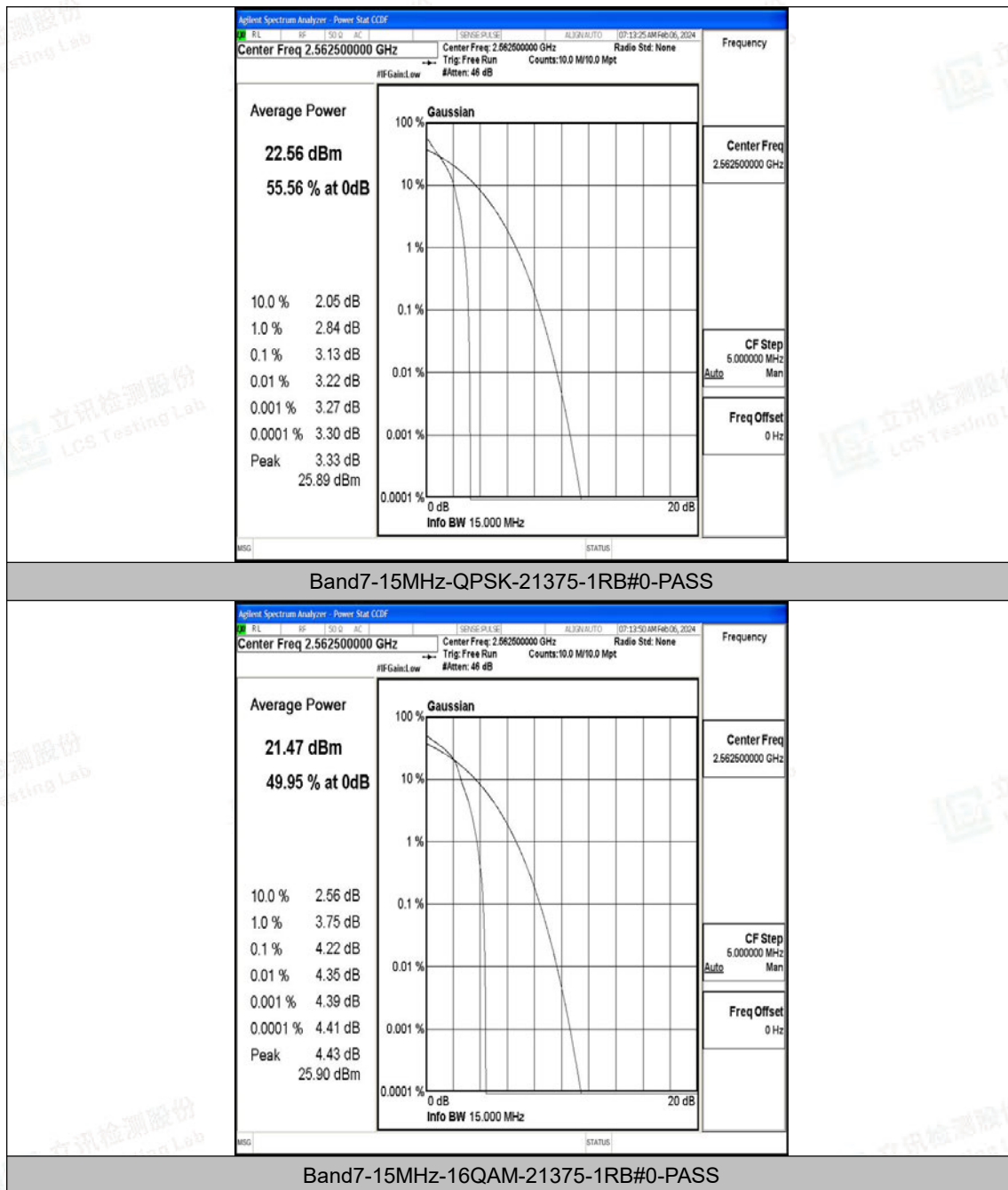


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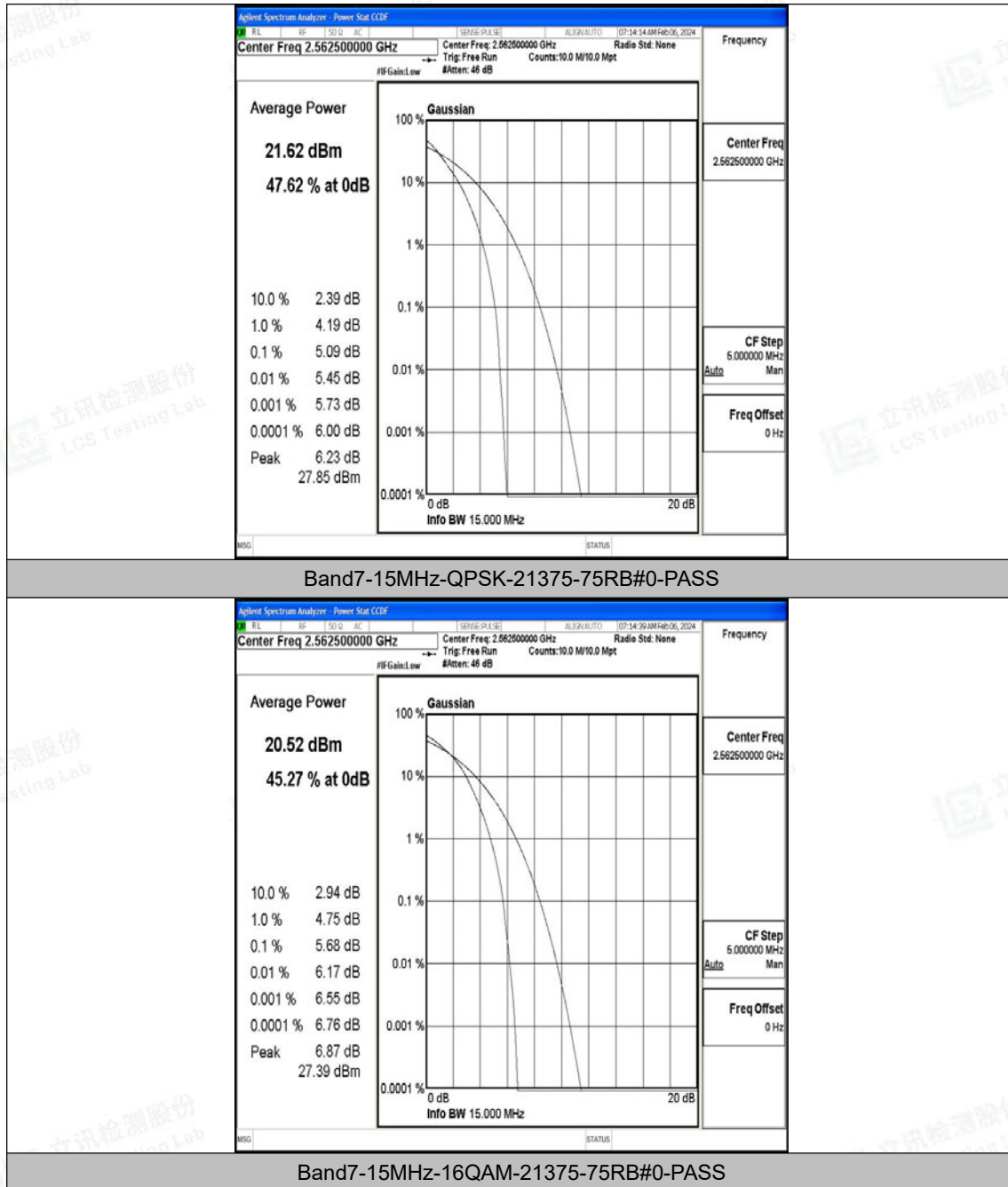


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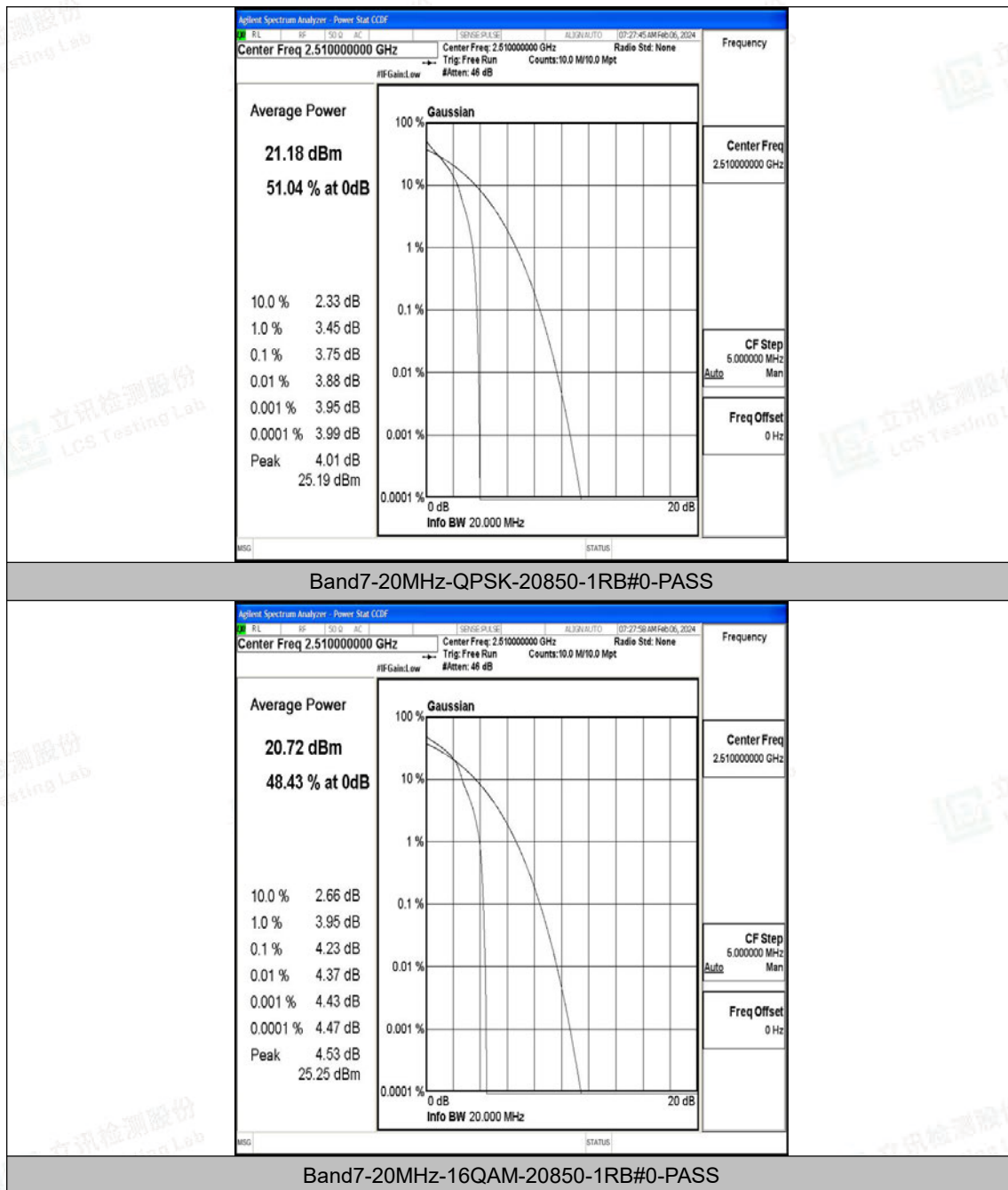


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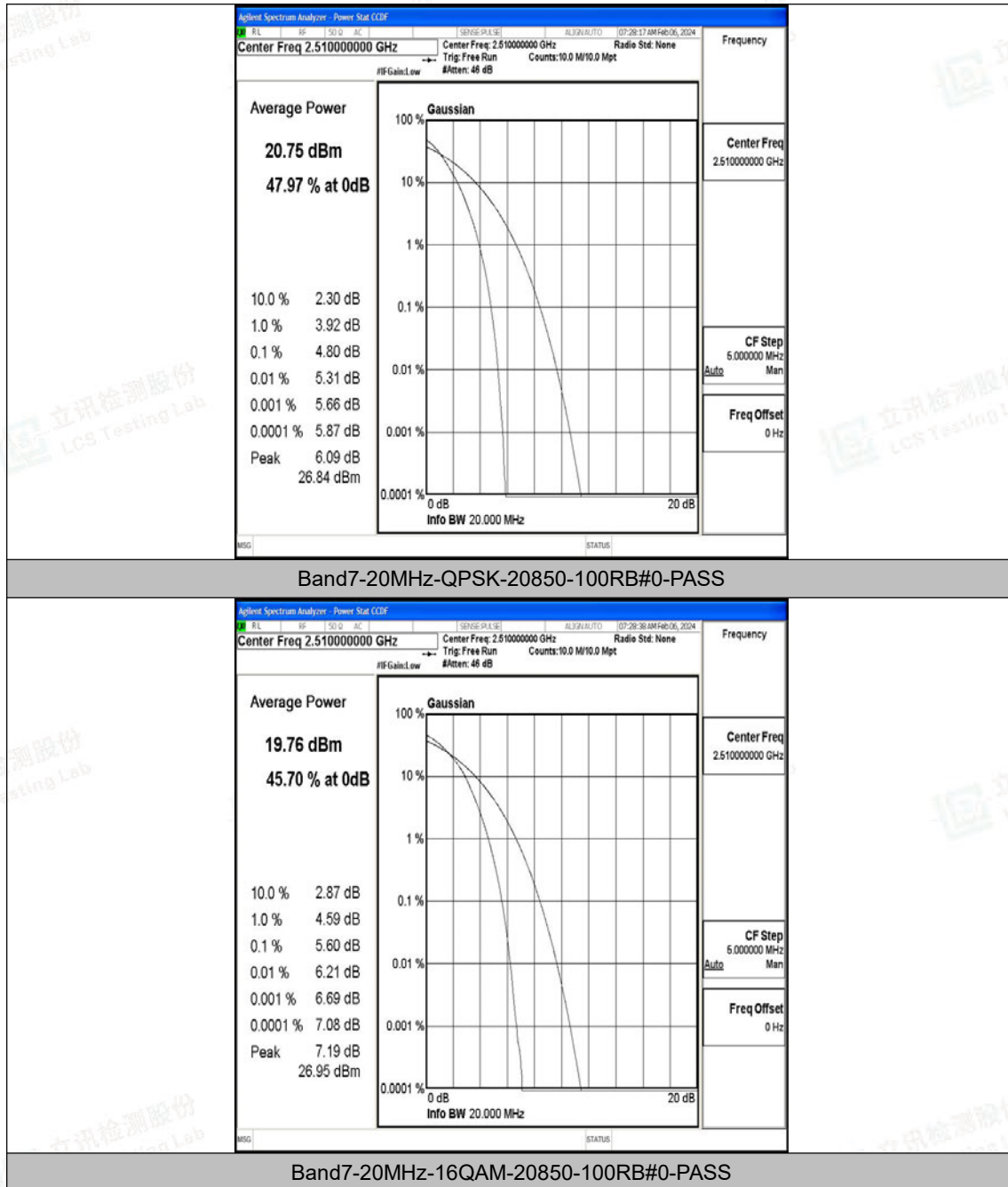


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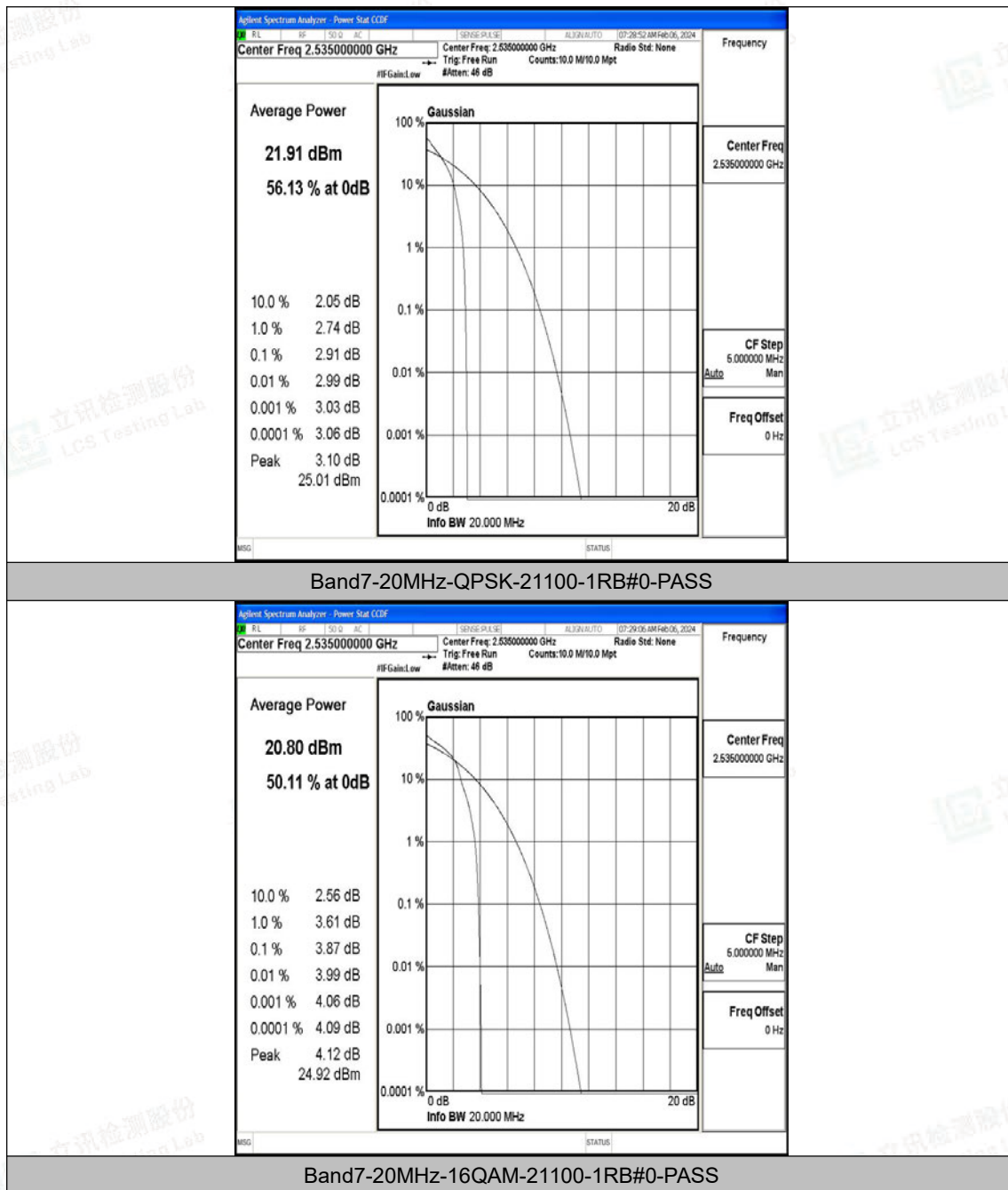


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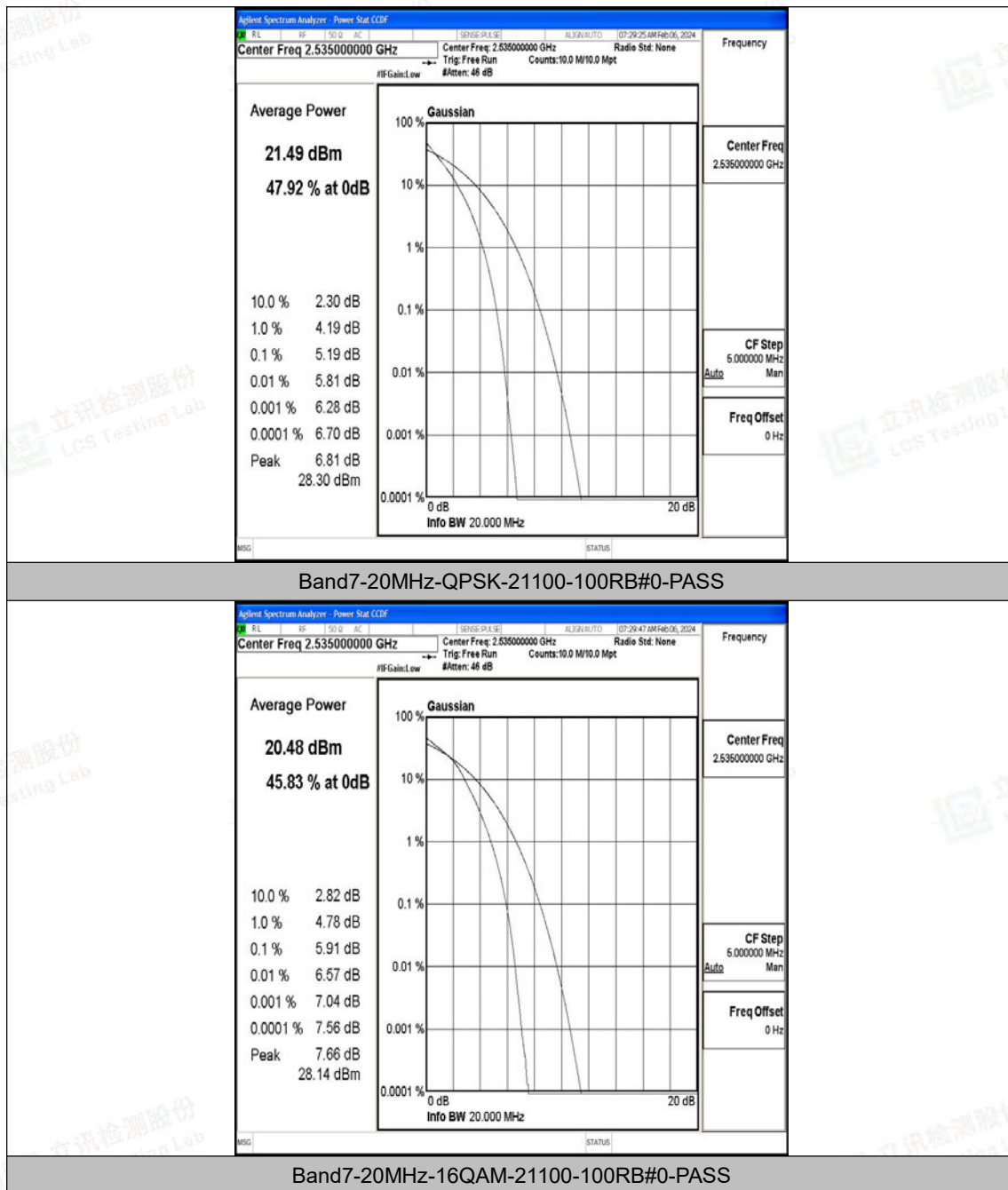


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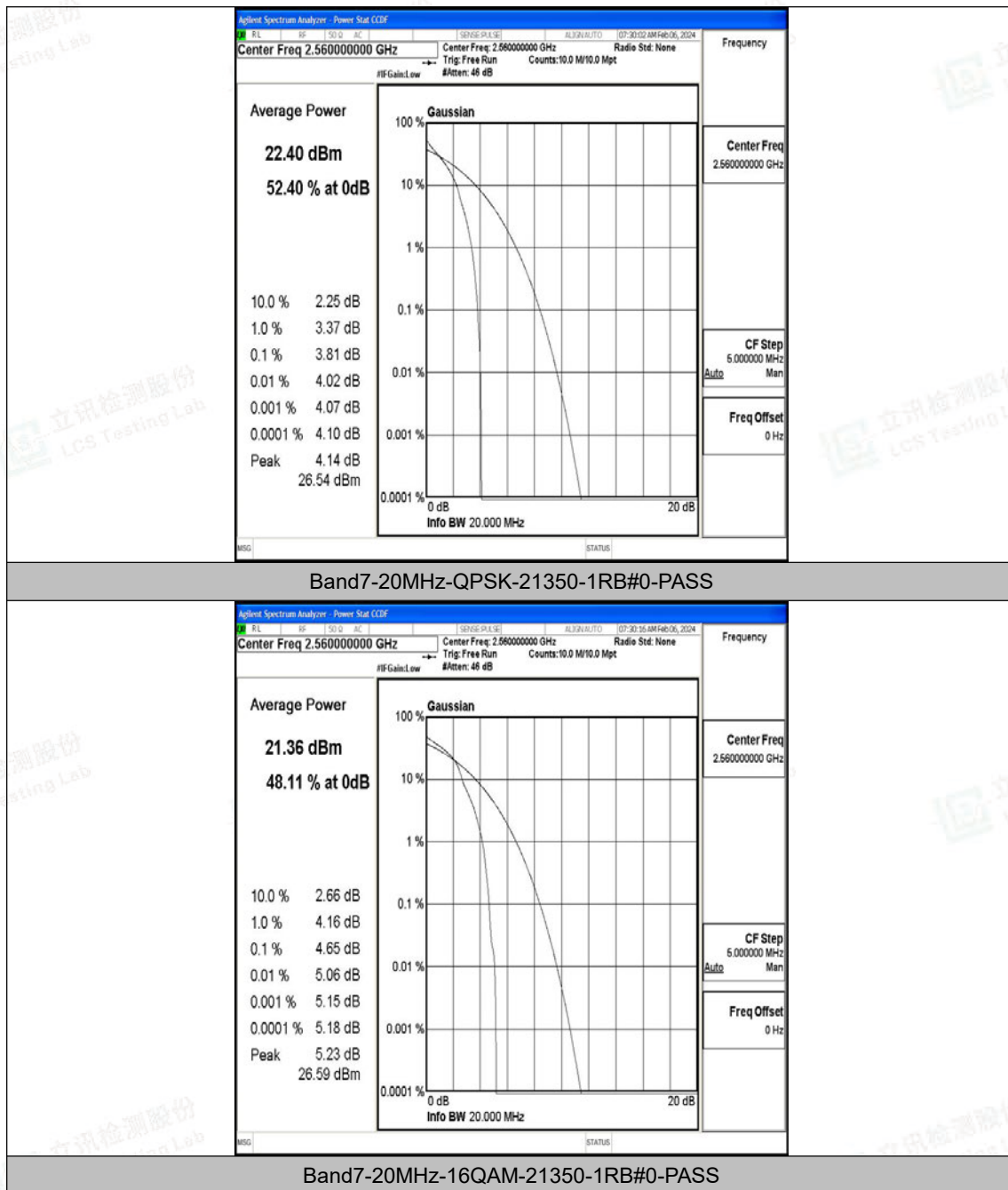


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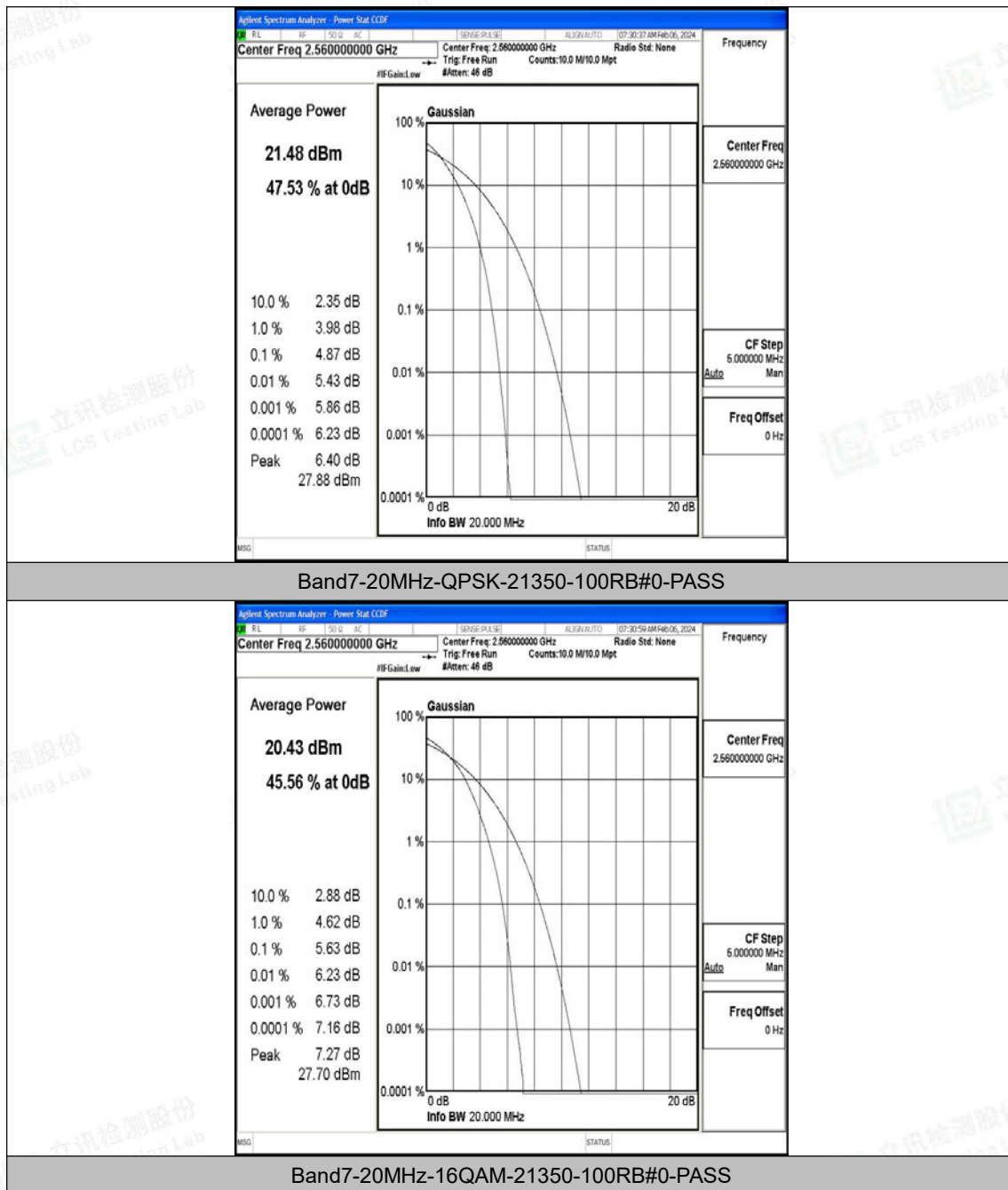


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### I.3 26dB Bandwidth and Occupied Bandwidth

#### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 4.4998                   | 4.941                | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 4.4986                   | 4.933                | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 4.5001                   | 4.944                | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | 4.4949                   | 4.926                | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 4.4920                   | 4.936                | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0           | 4.5013                   | 4.982                | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0           | 8.9911                   | 9.799                | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 50RB#0           | 8.9939                   | 9.700                | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 50RB#0           | 8.9944                   | 9.855                | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 50RB#0           | 8.9959                   | 9.737                | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0           | 9.0181                   | 9.756                | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 50RB#0           | 9.0175                   | 9.752                | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 75RB#0           | 13.522                   | 14.66                | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 75RB#0           | 13.500                   | 14.56                | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 75RB#0           | 13.511                   | 14.67                | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 75RB#0           | 13.504                   | 14.61                | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 75RB#0           | 13.515                   | 14.72                | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 75RB#0           | 13.525                   | 14.58                | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0          | 17.926                   | 19.36                | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 100RB#0          | 17.917                   | 19.28                | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 100RB#0          | 17.998                   | 19.45                | PASS    |
| Band7 | 20MHz     | 16QAM      | 21100   | 100RB#0          | 18.001                   | 19.33                | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0          | 17.952                   | 19.51                | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 100RB#0          | 17.896                   | 19.33                | PASS    |



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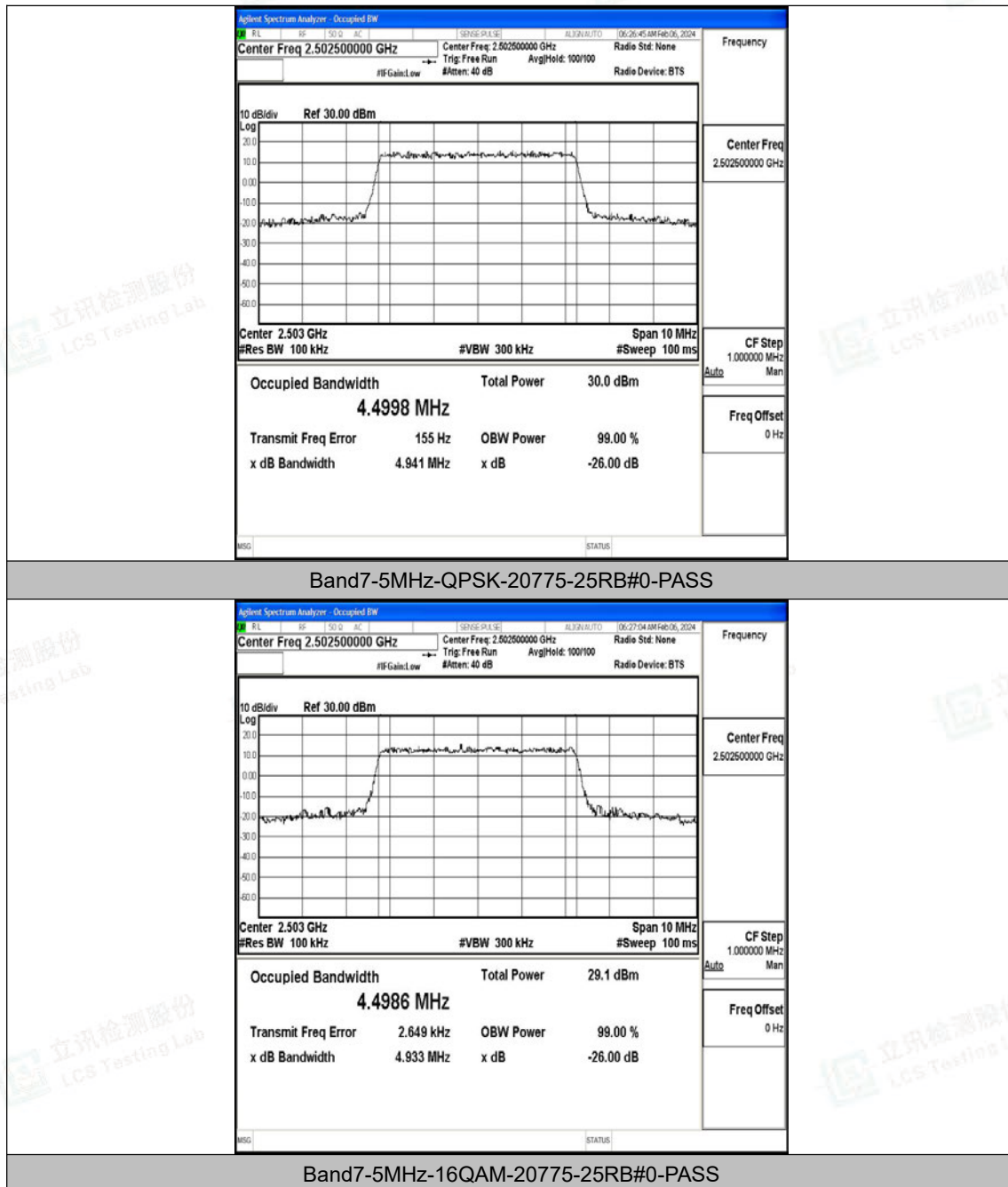
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## Test Graphs

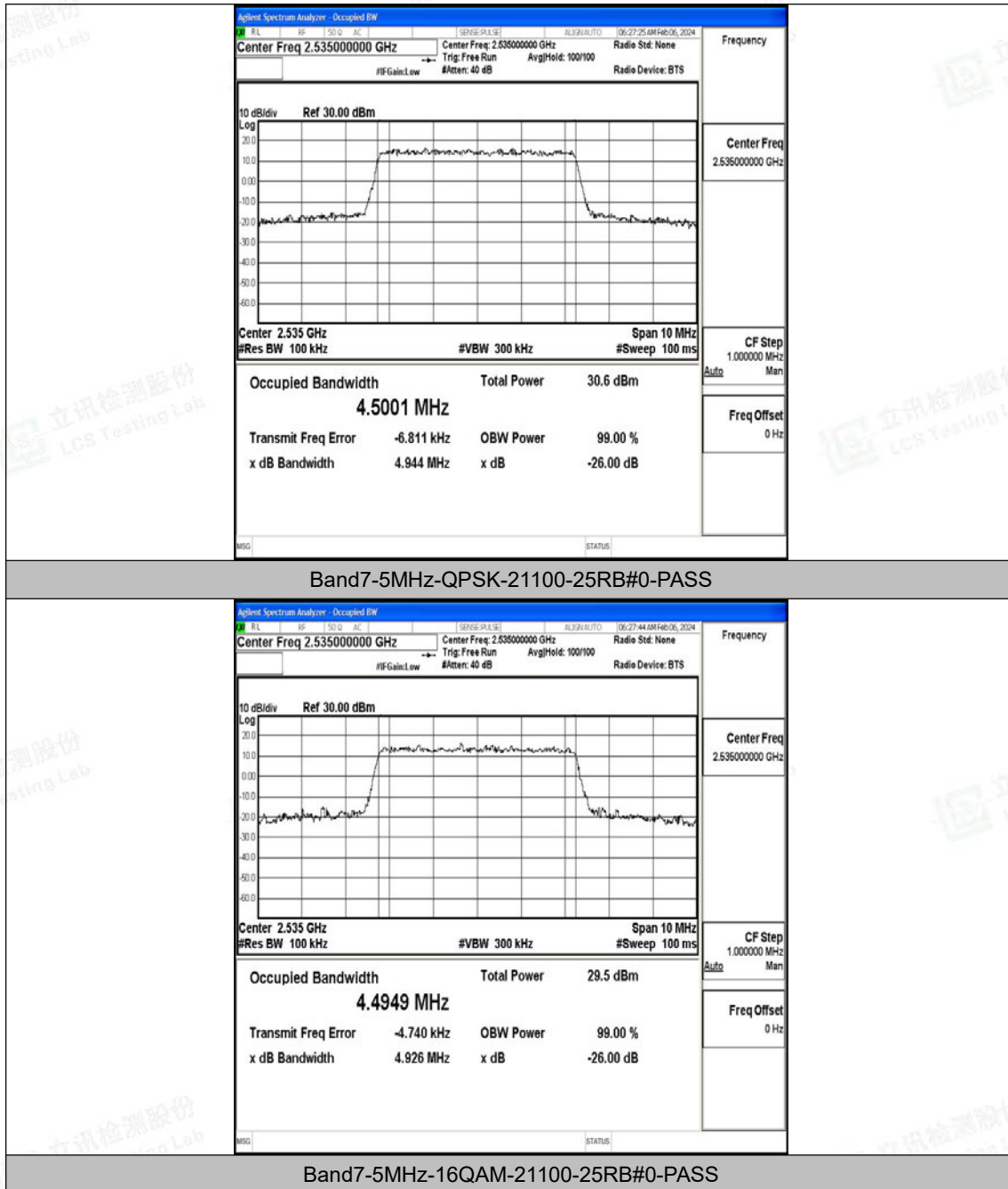


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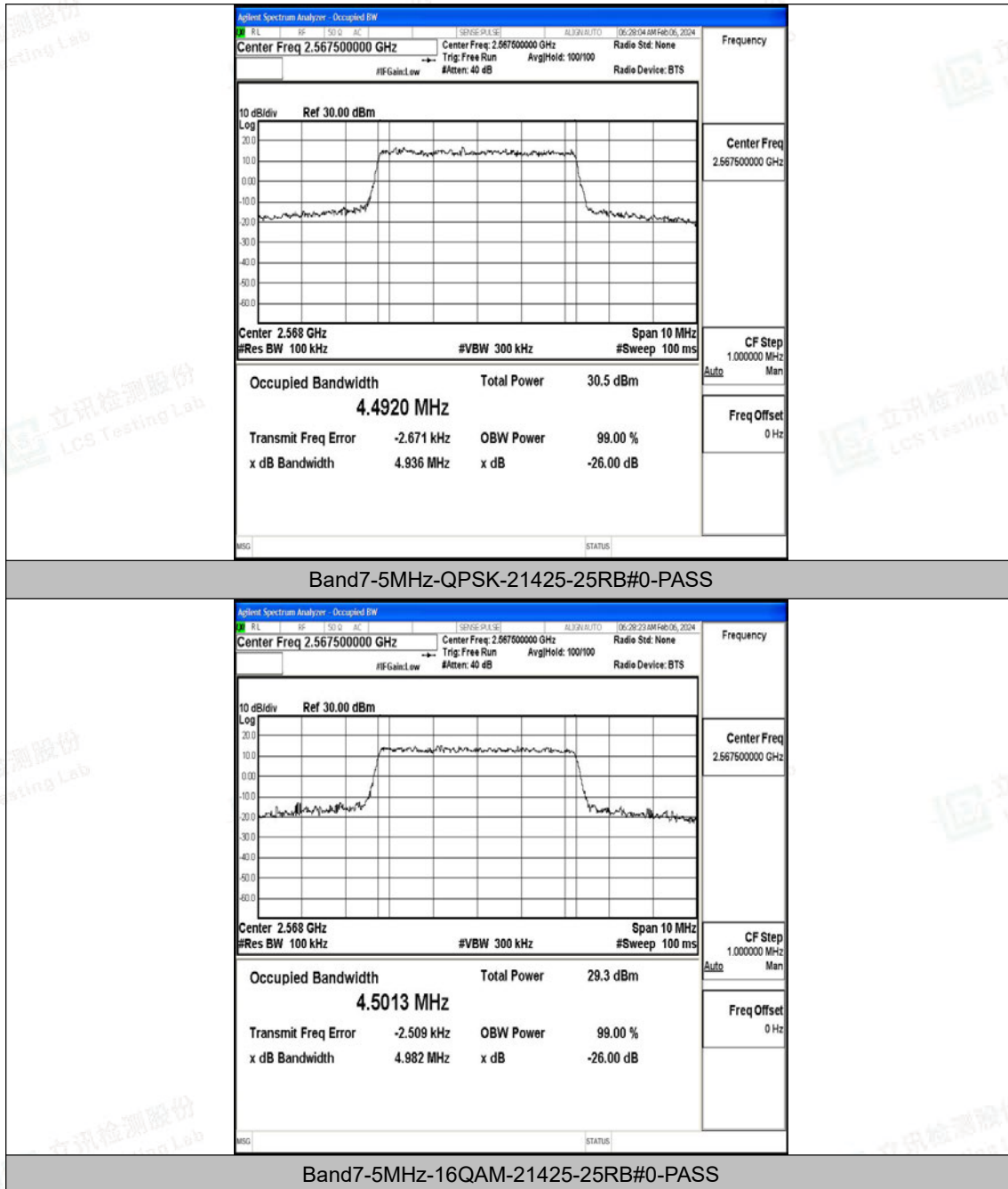


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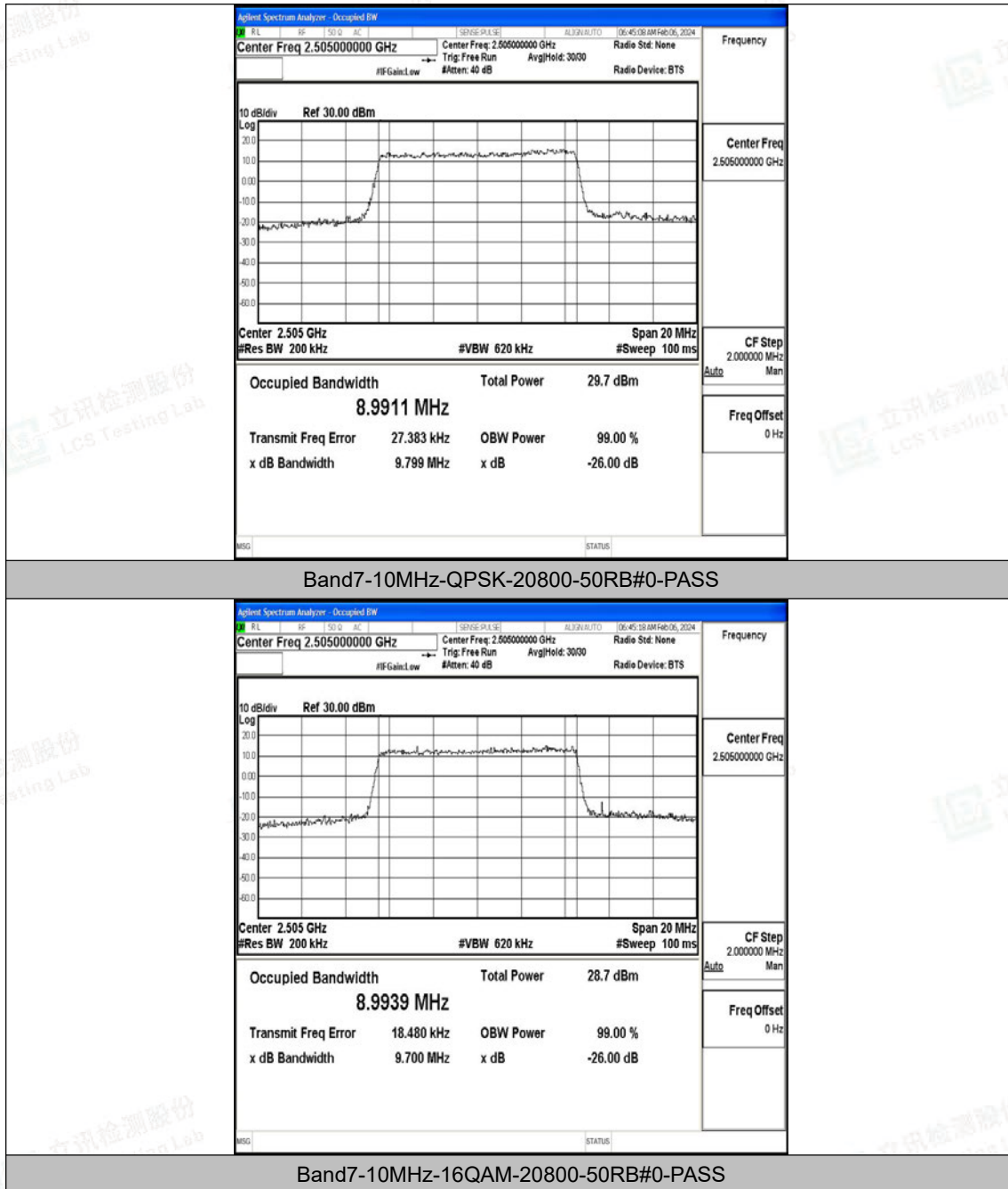


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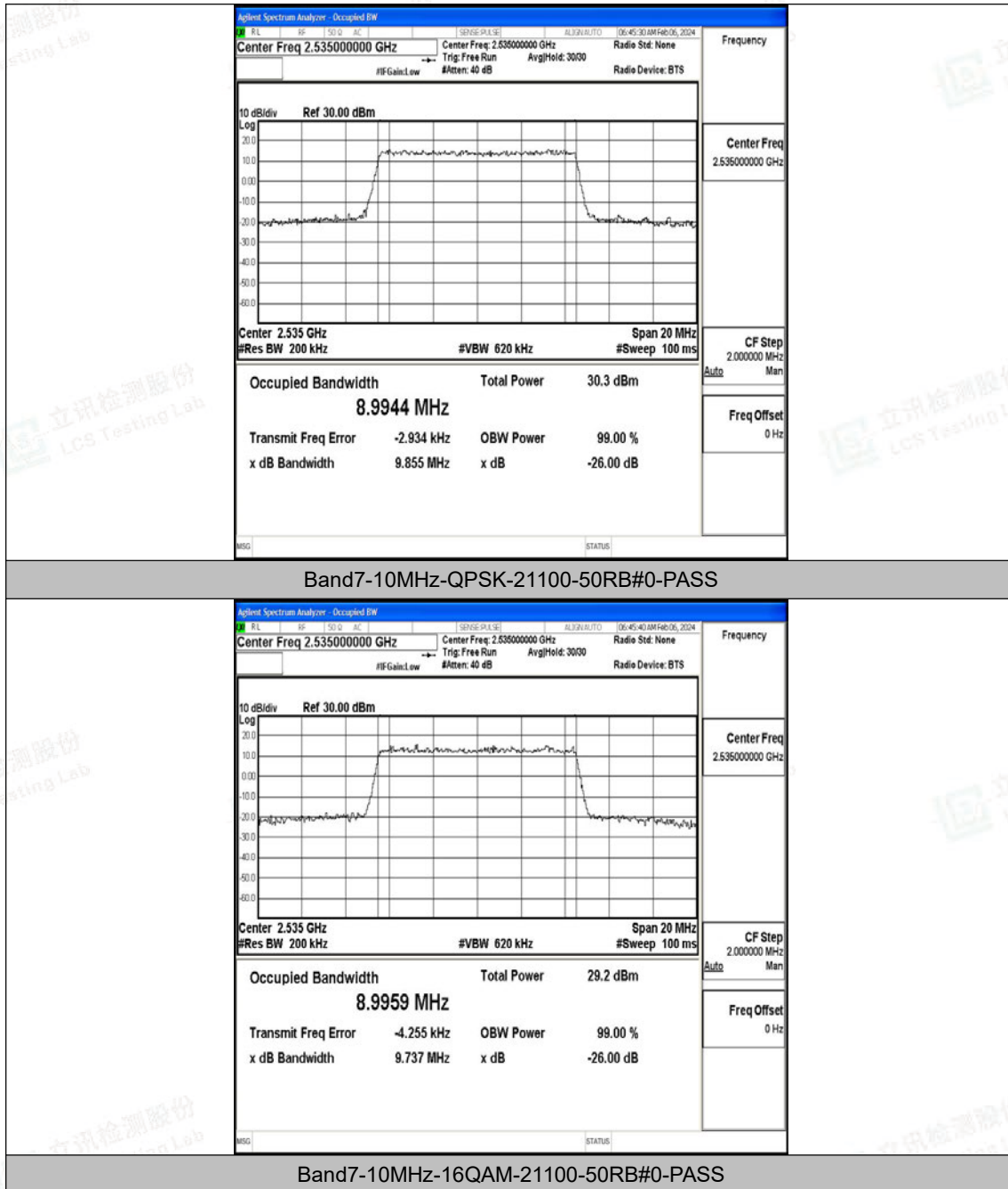


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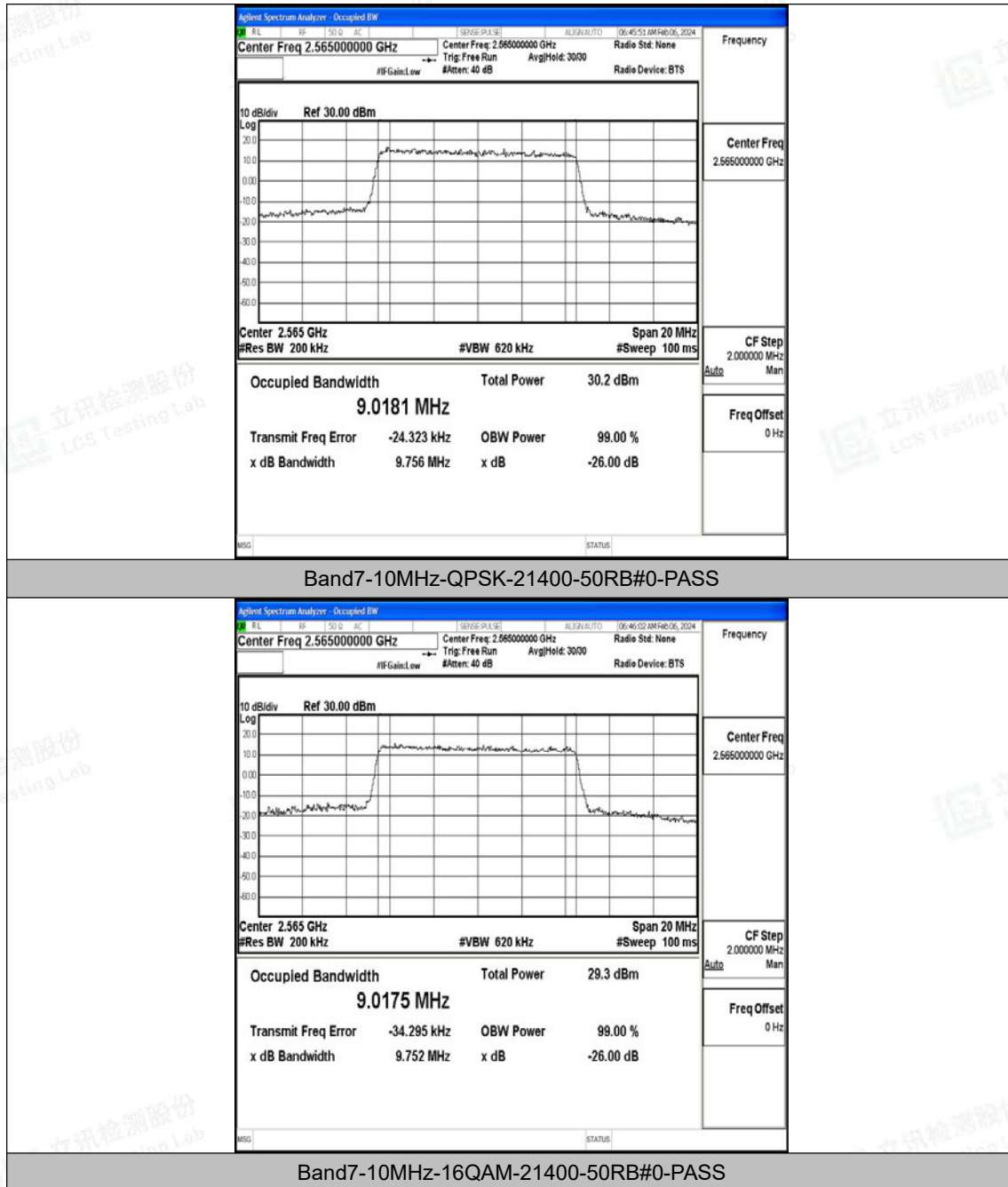


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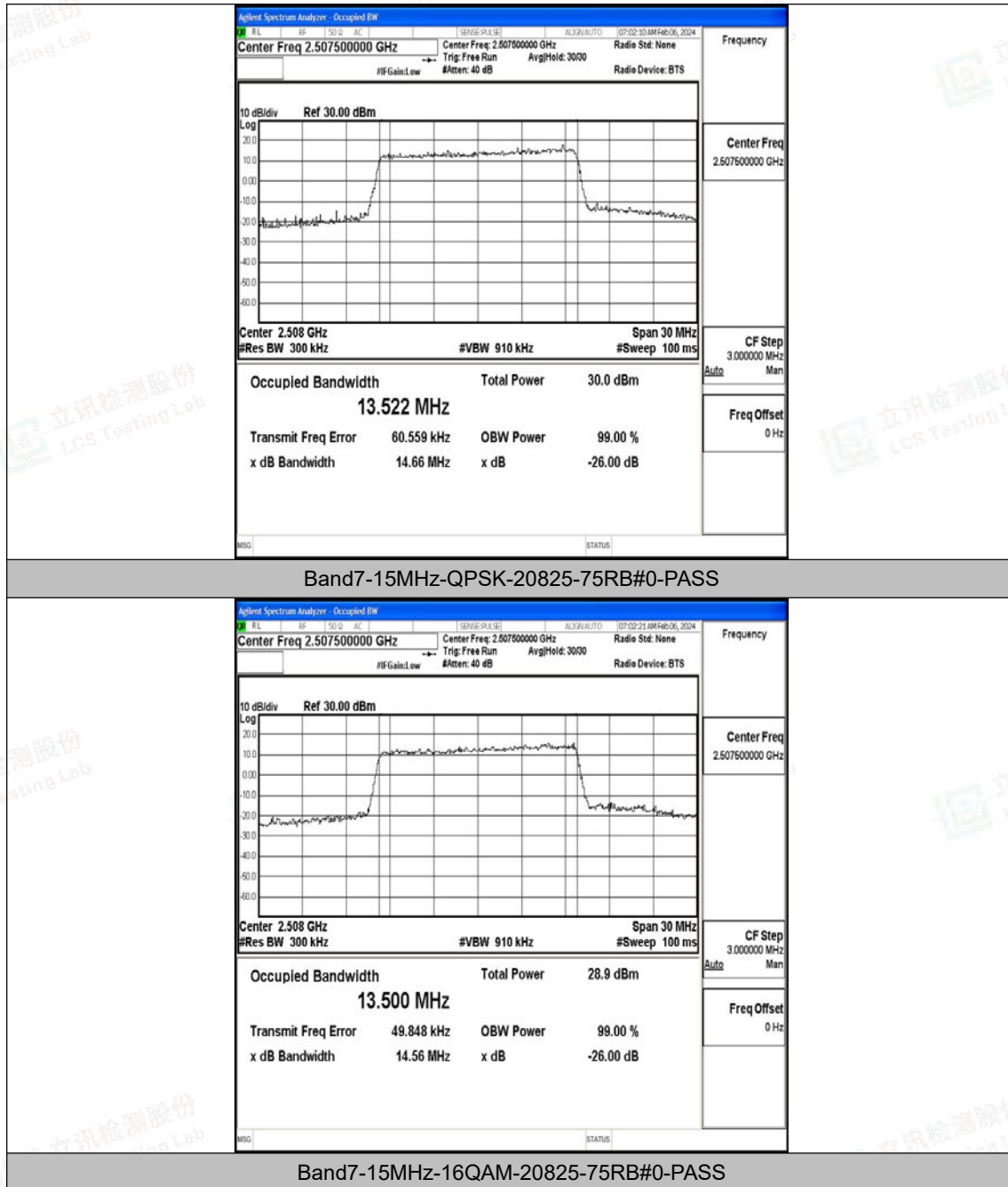


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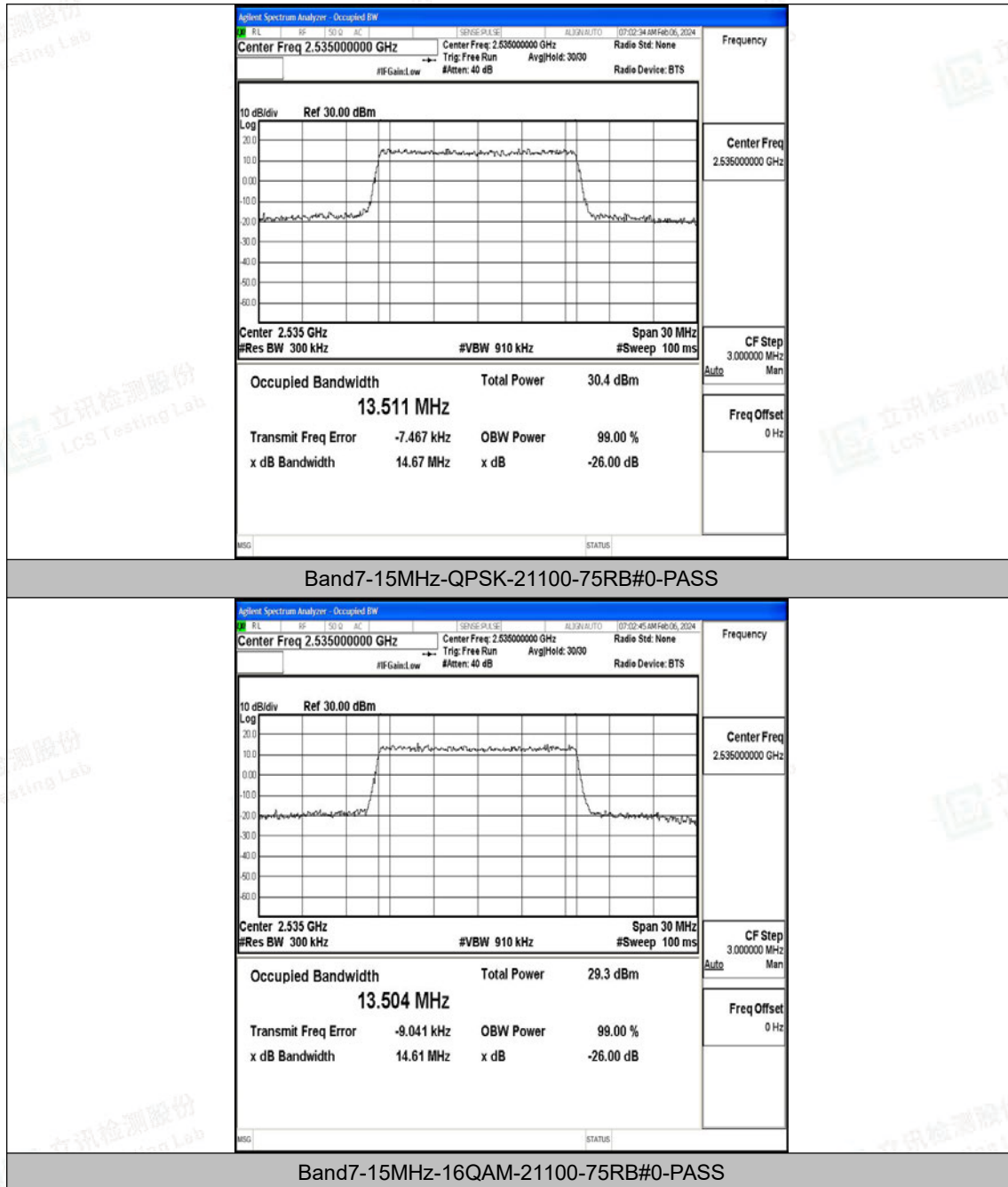


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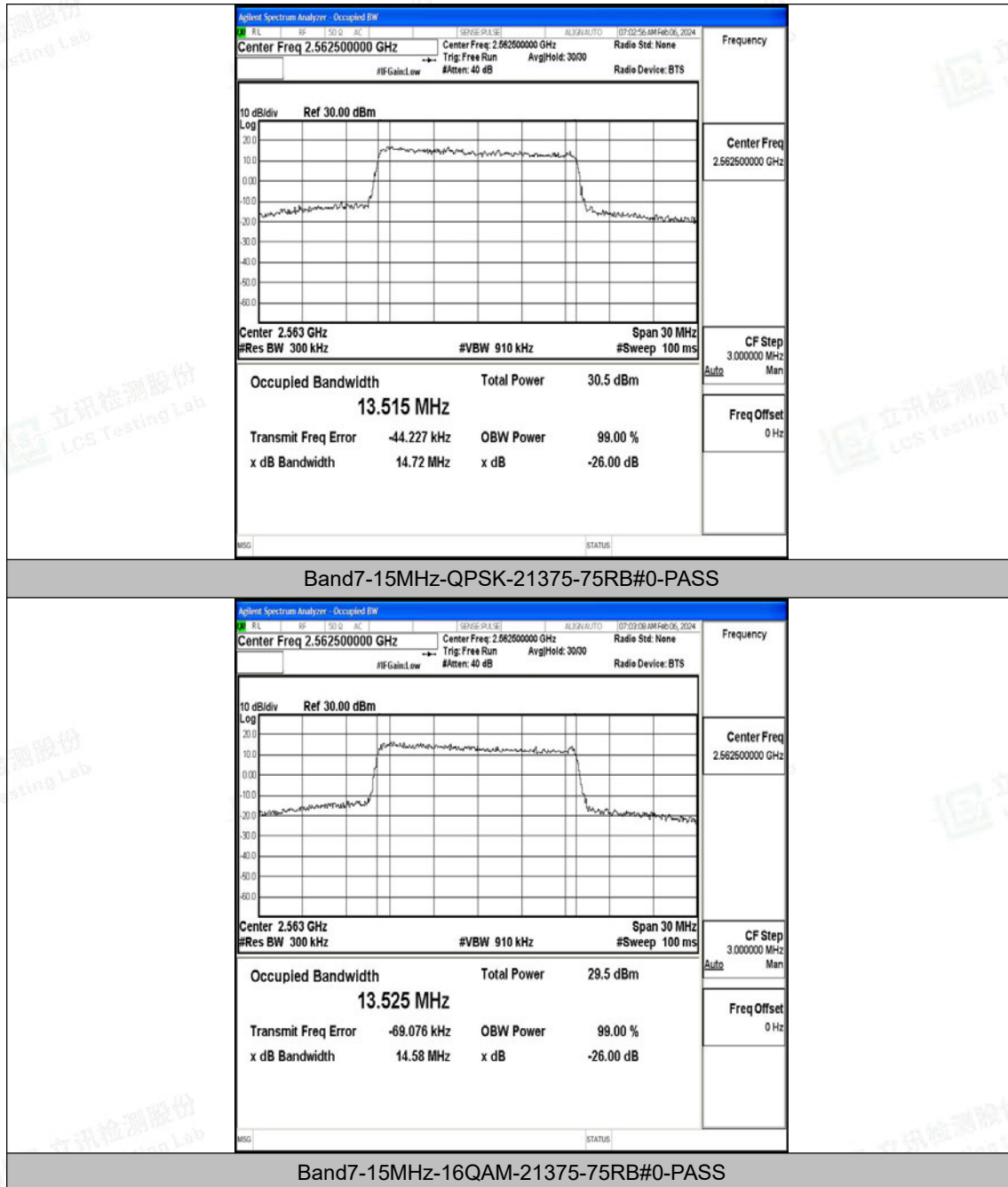


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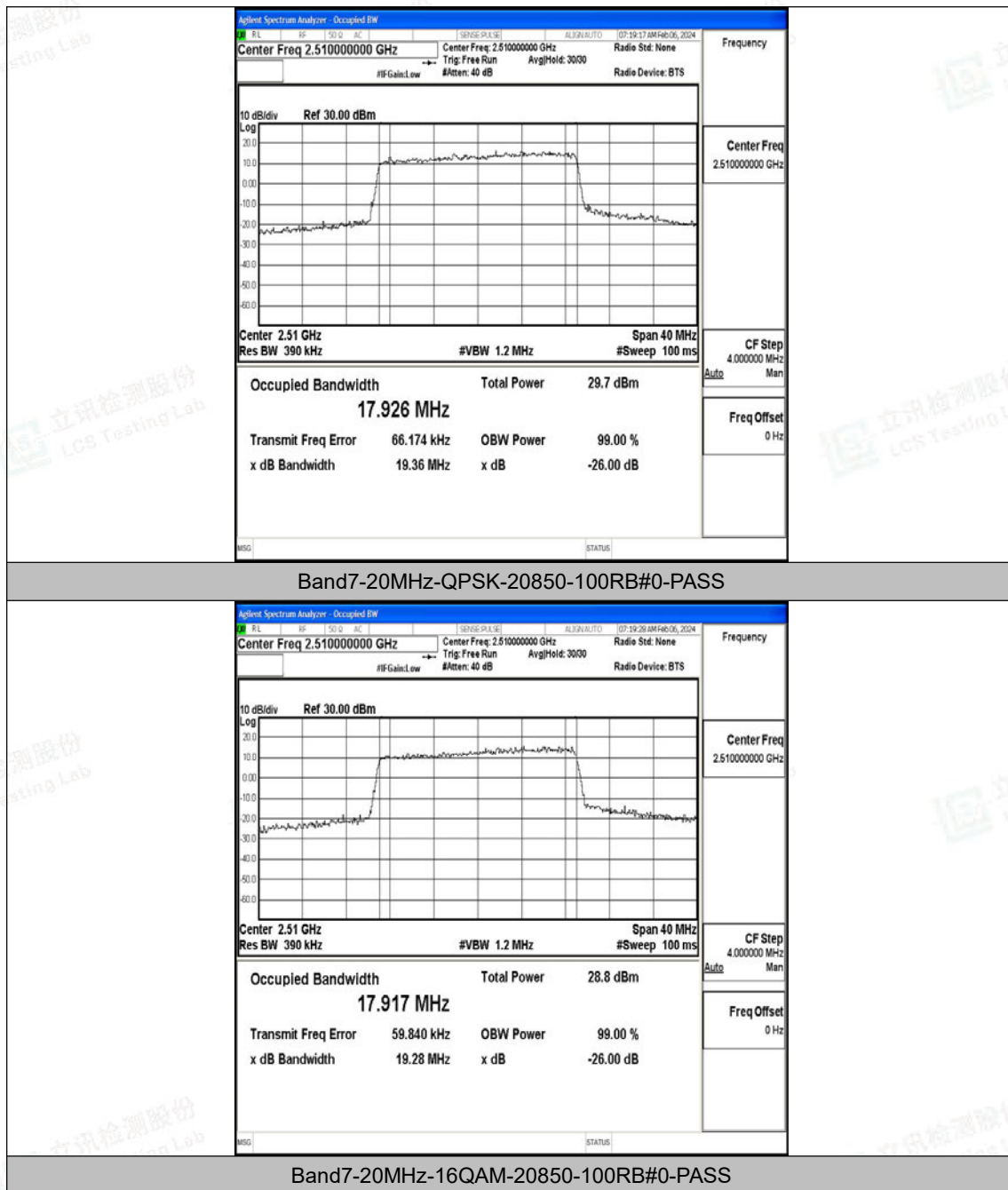


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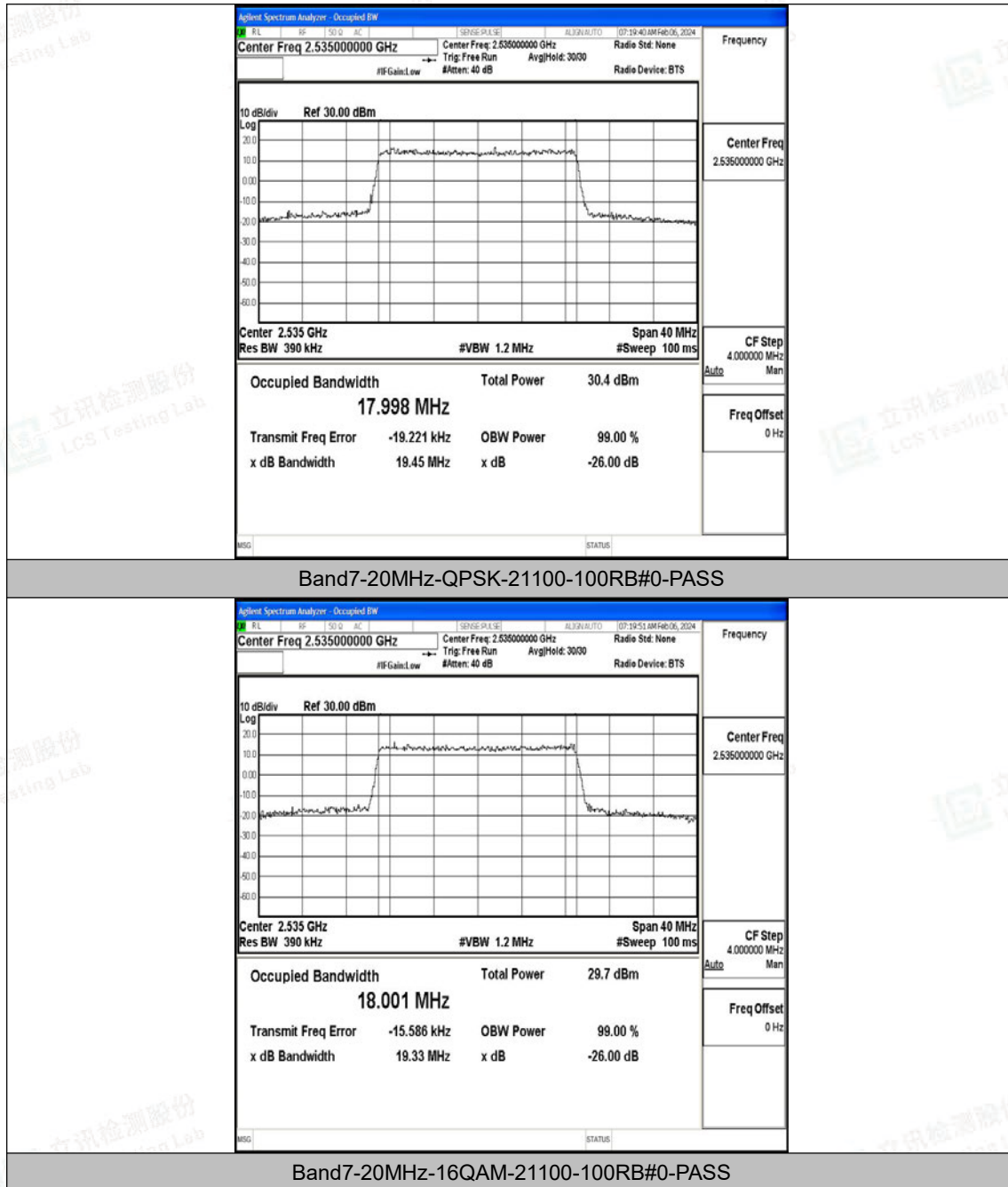


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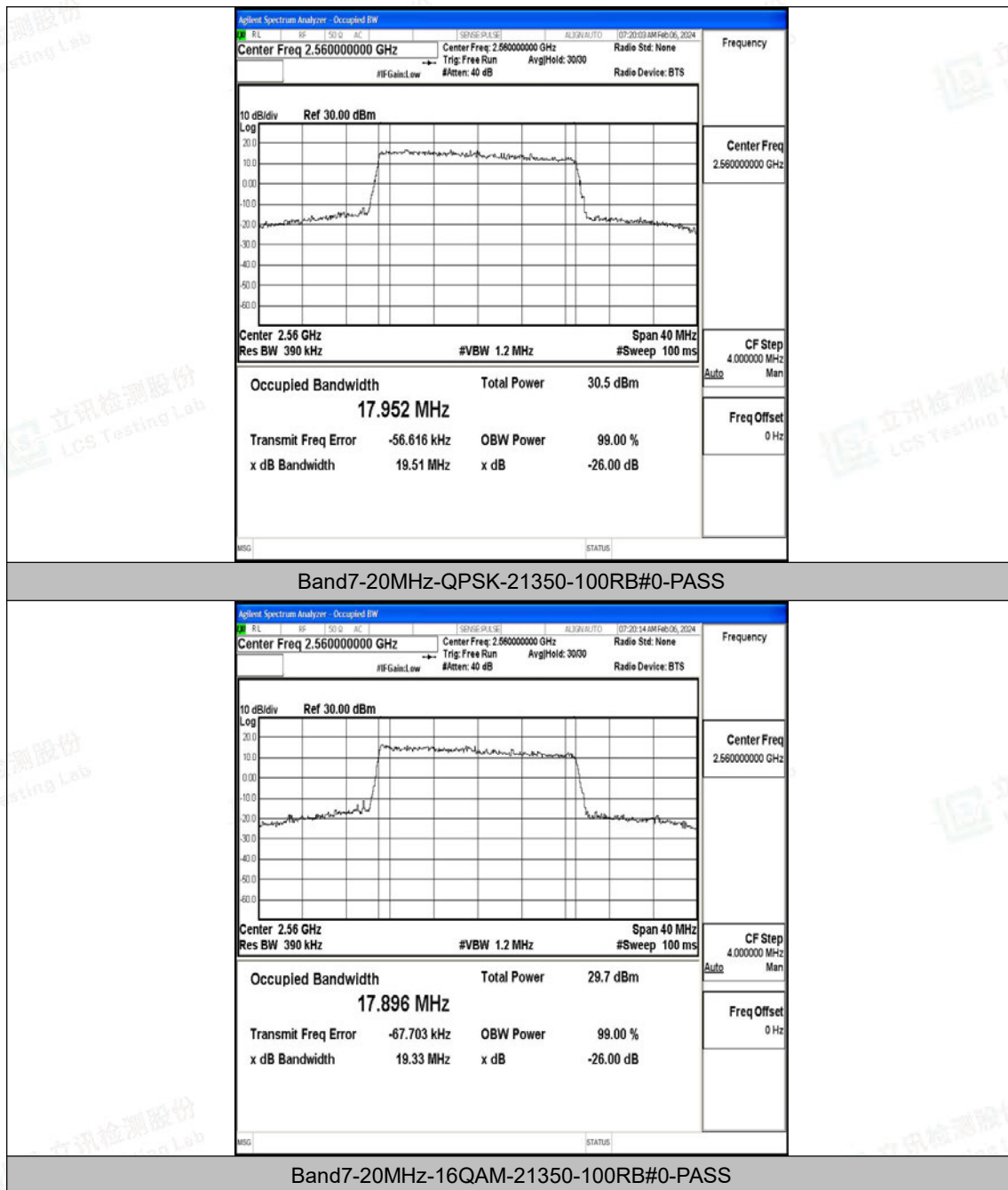


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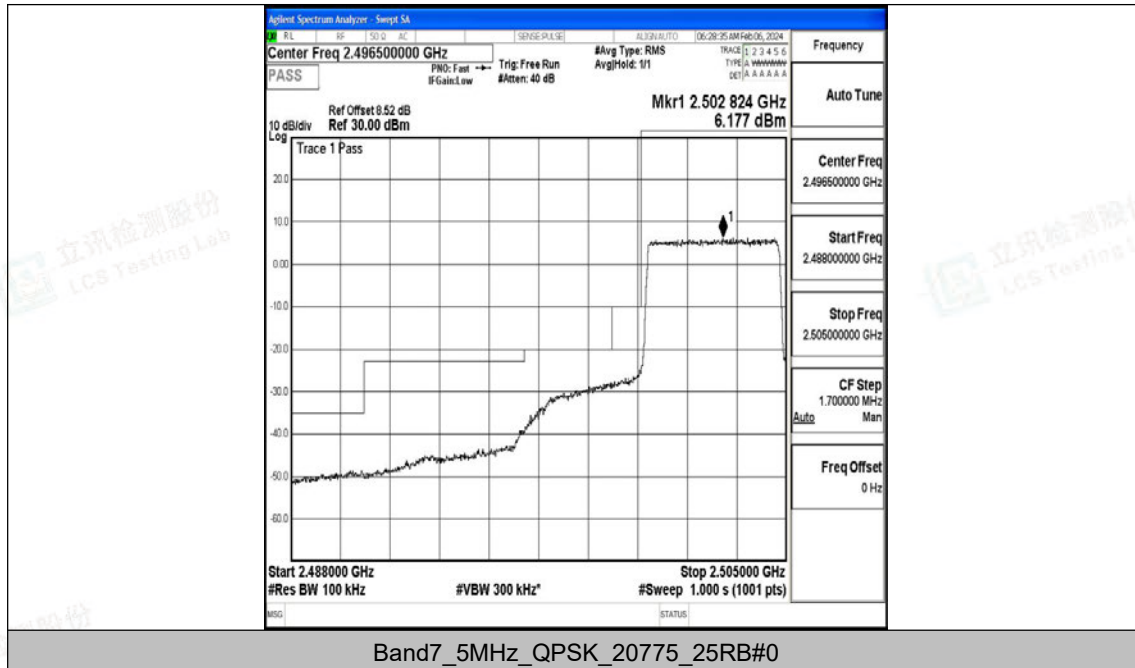


## I.4 Band Edge

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Peak Frequency | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------|-------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 2499.00        | -27.98      | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 2498.86        | -30.17      | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 2571.09        | -25.91      | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0           | 2571.21        | -28.70      | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0           | 2494.75        | -32.44      | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 50RB#0           | 2489.80        | -44.79      | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0           | 2571.10        | -26.81      | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 50RB#0           | 2580.15        | -44.19      | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 75RB#0           | 2493.72        | -29.89      | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 75RB#0           | 2493.55        | -32.48      | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 75RB#0           | 2575.27        | -26.63      | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 75RB#0           | 2575.41        | -30.07      | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0          | 2494.94        | -31.80      | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 100RB#0          | 2476.80        | -45.31      | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0          | 2575.70        | -29.22      | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 100RB#0          | 2575.43        | -31.70      | PASS    |

### Test Graphs

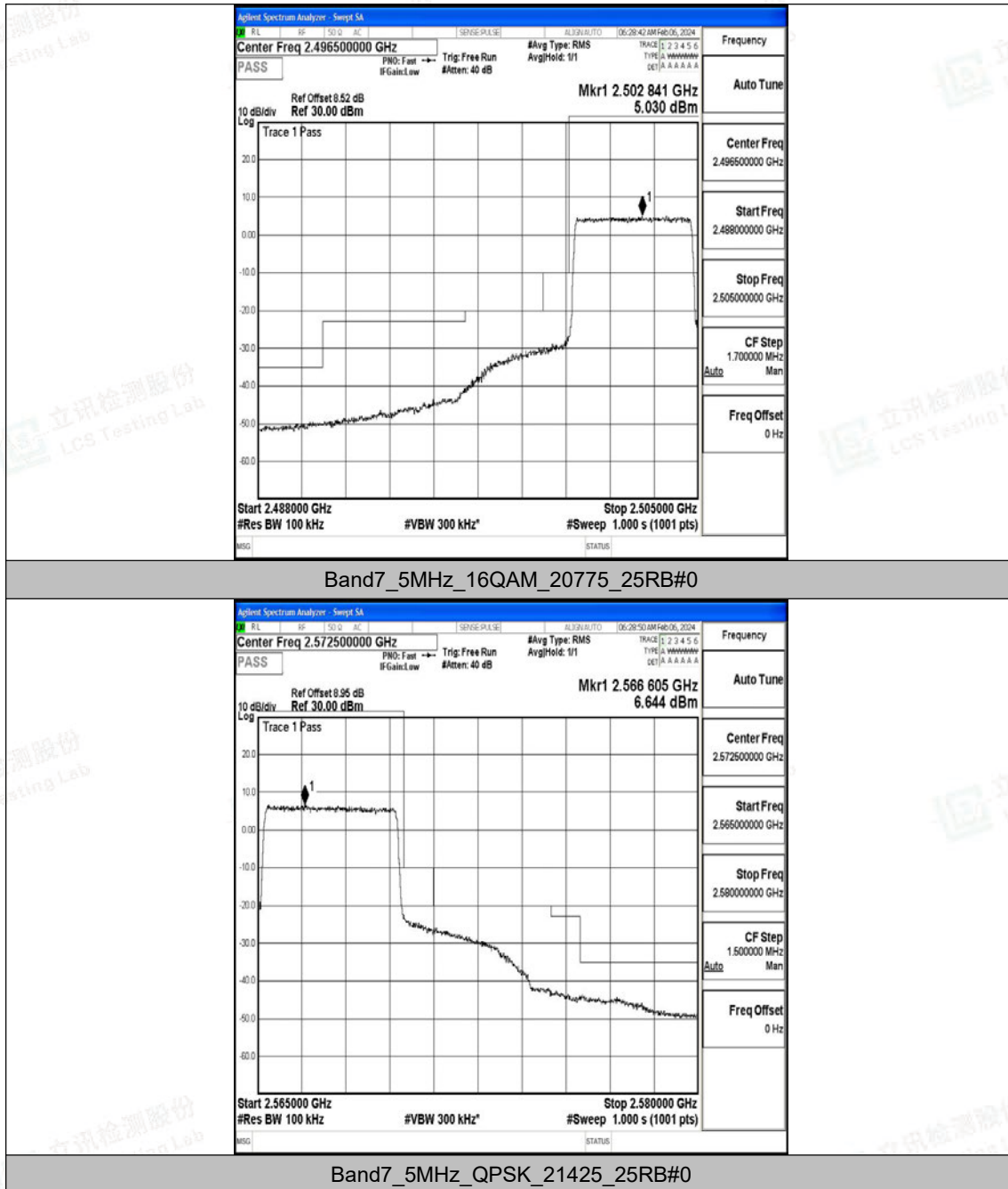


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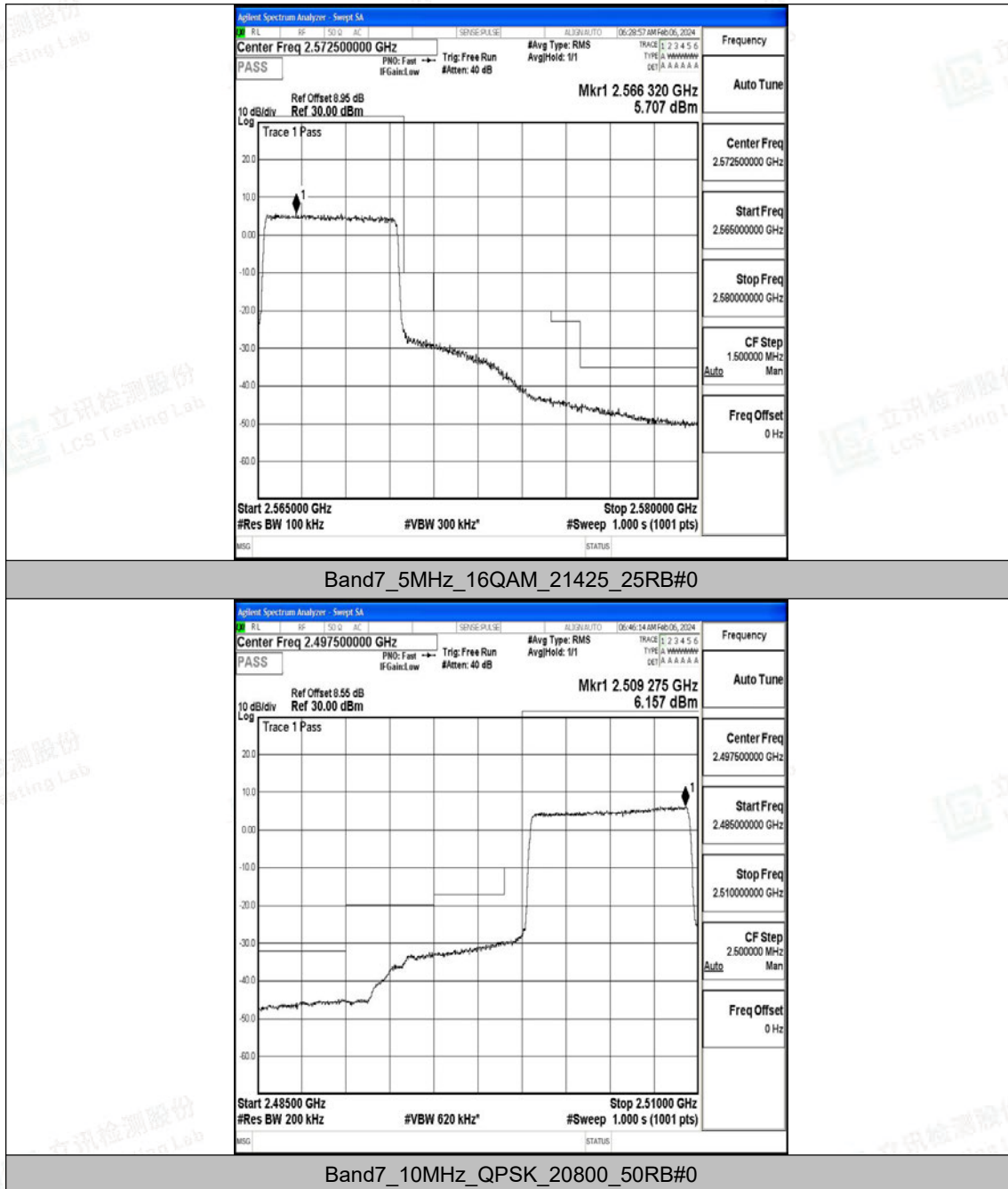


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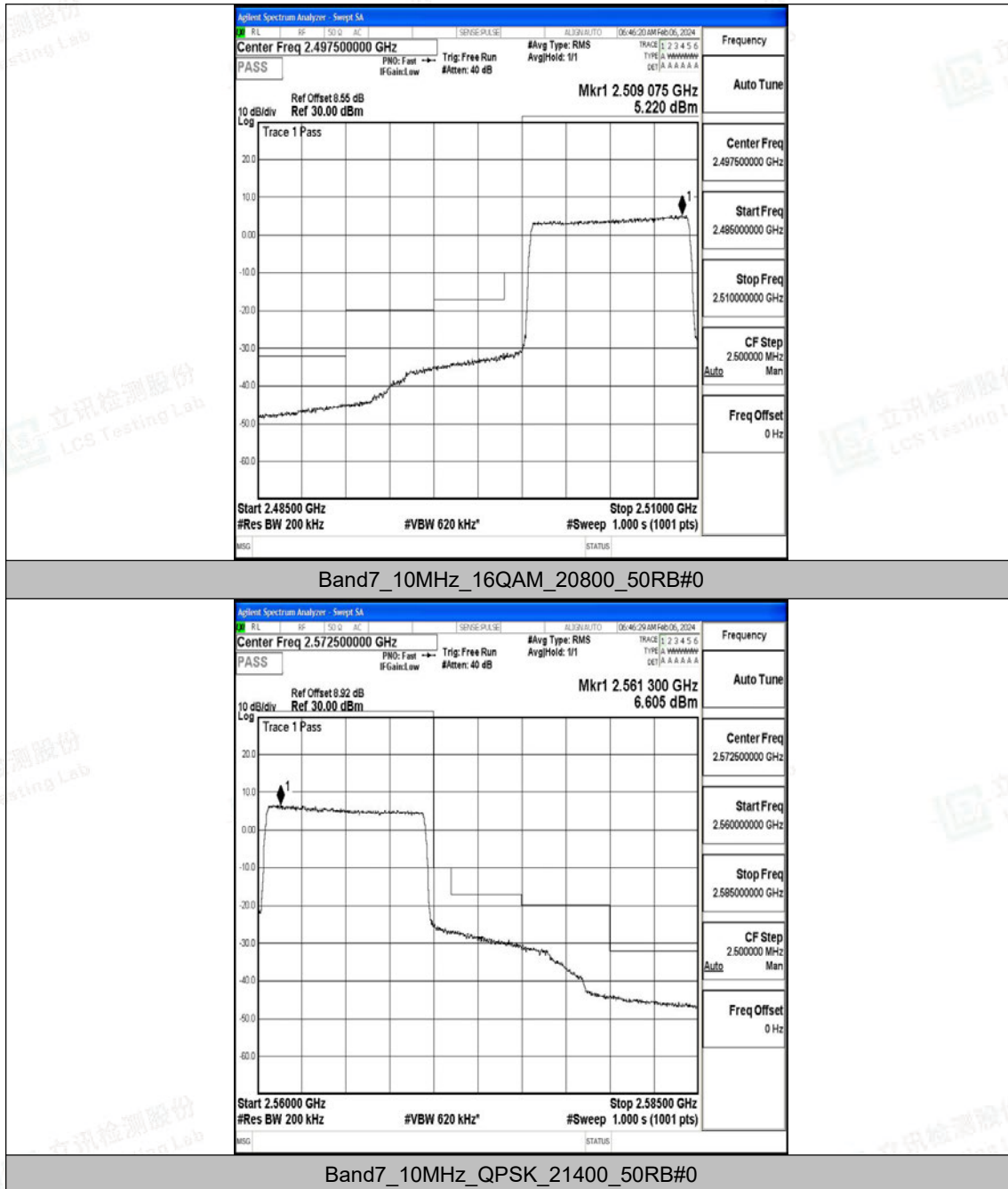


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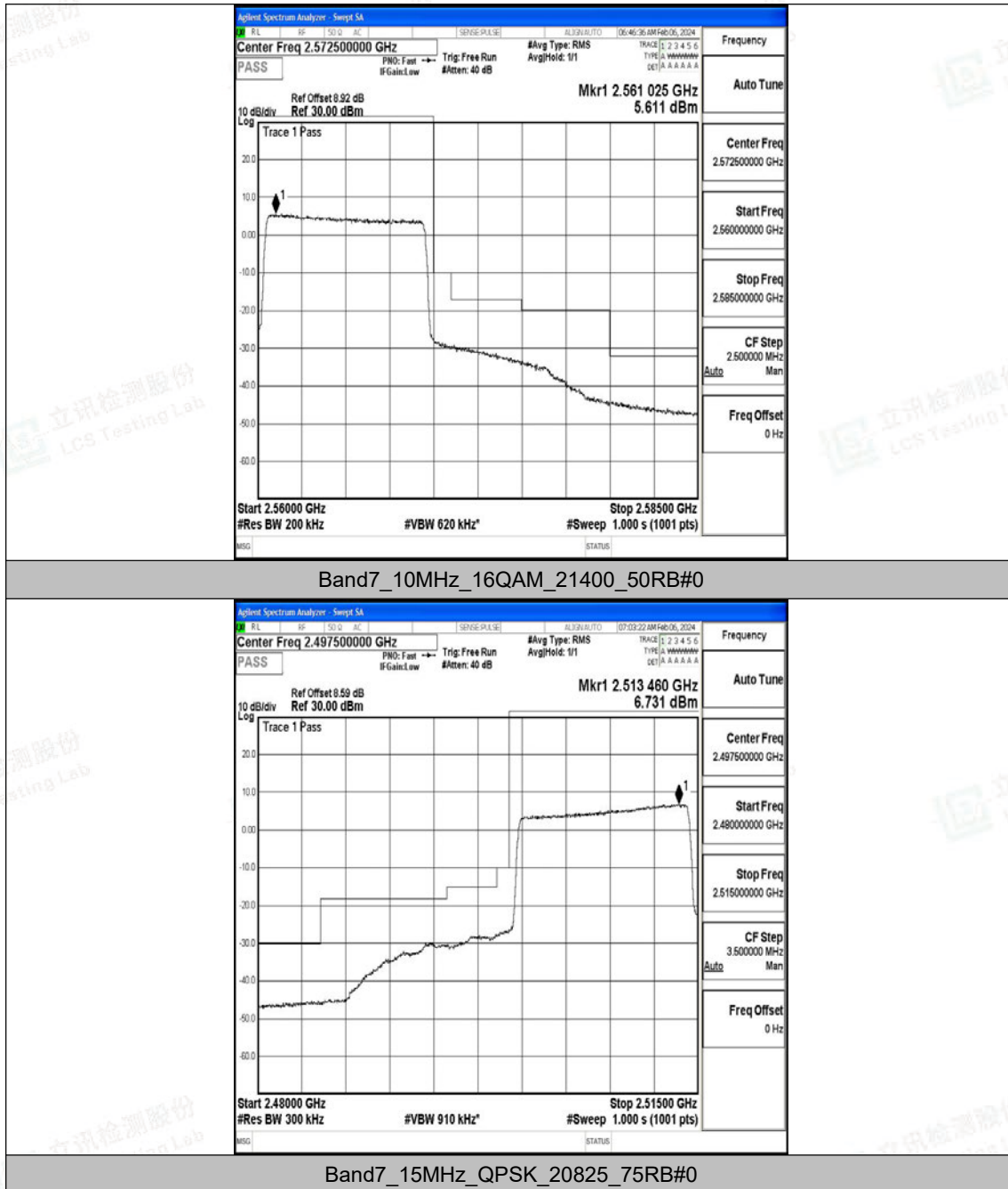


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Scan code to check authenticity

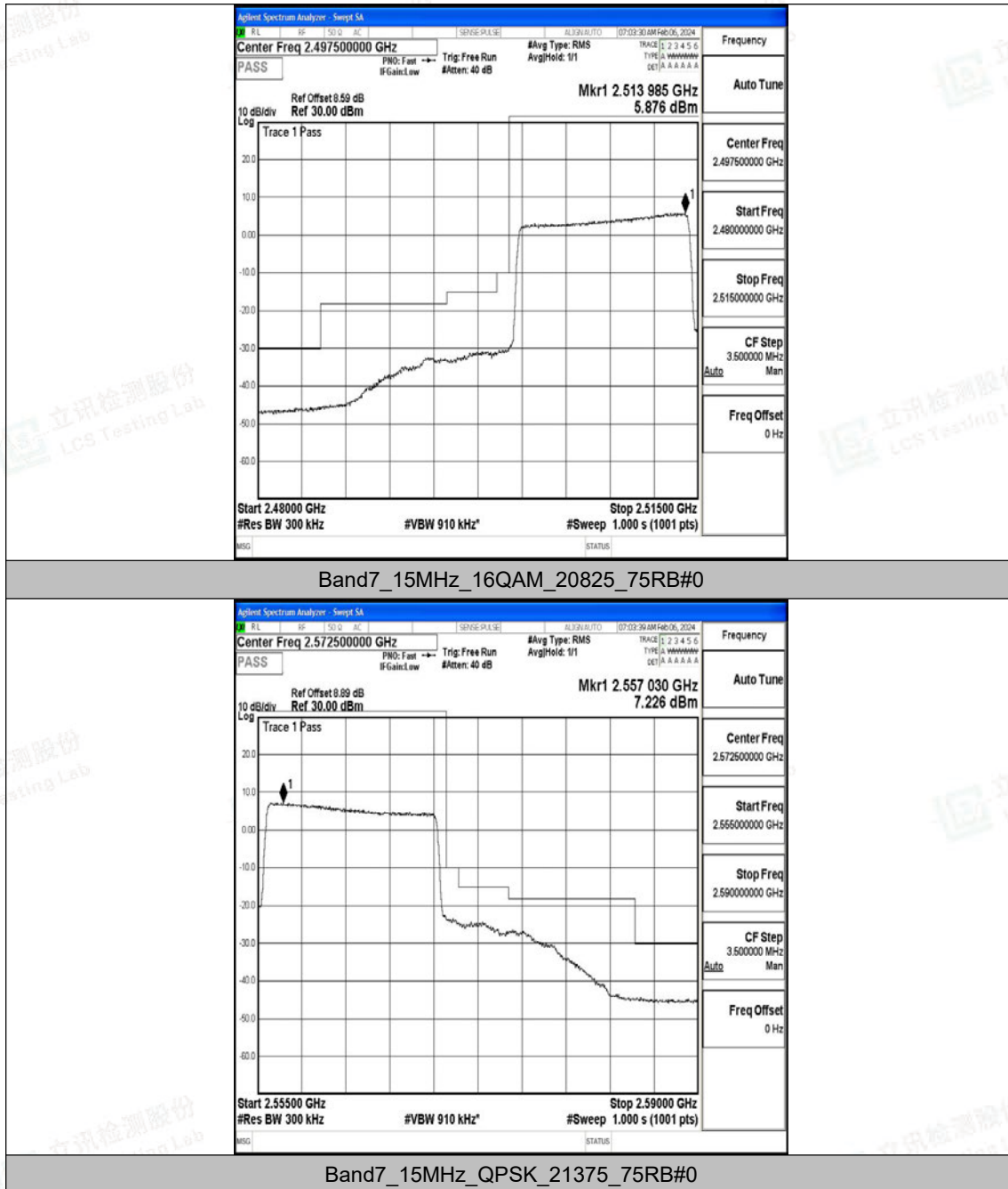


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Scan code to check authenticity

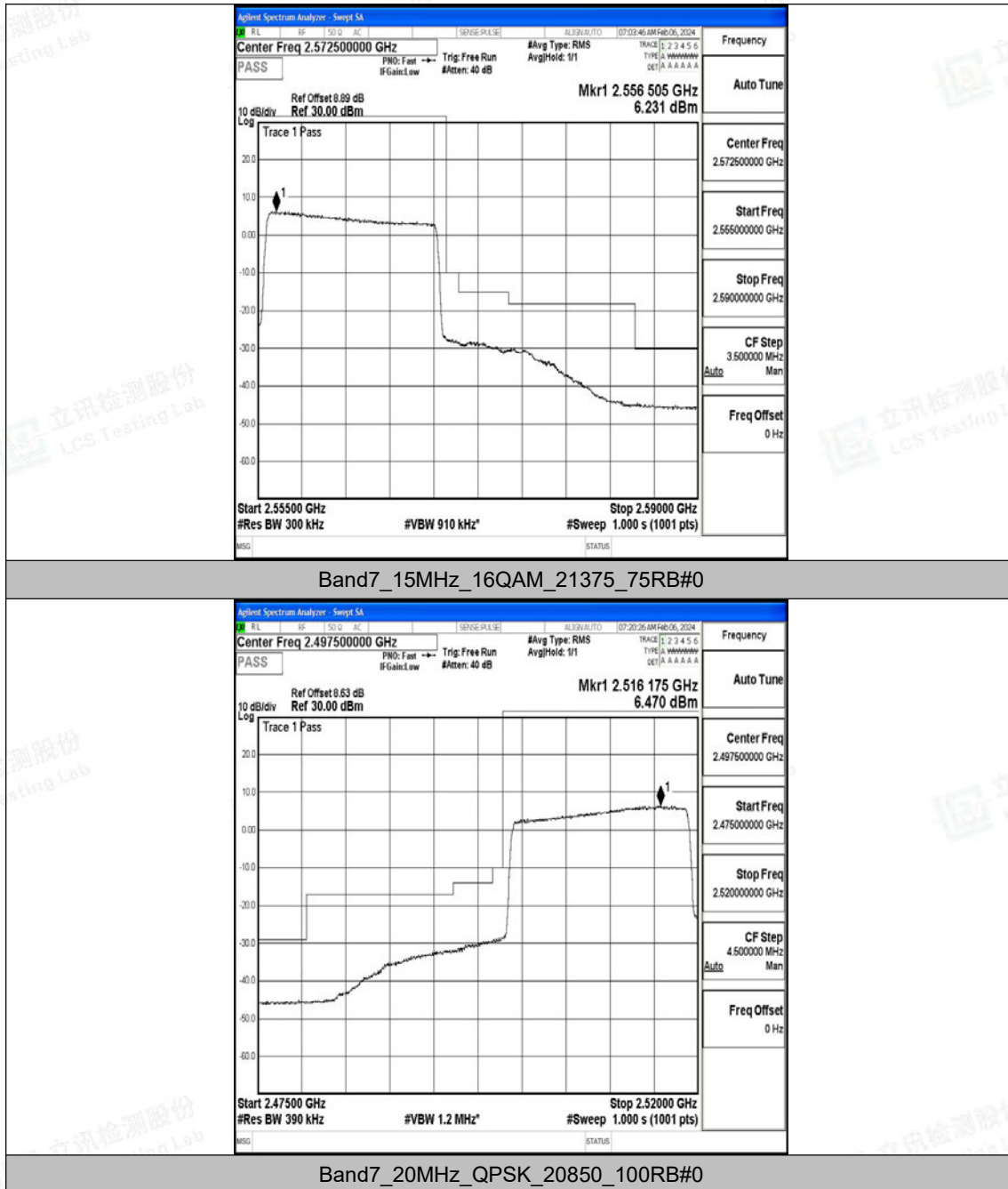


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Scan code to check authenticity

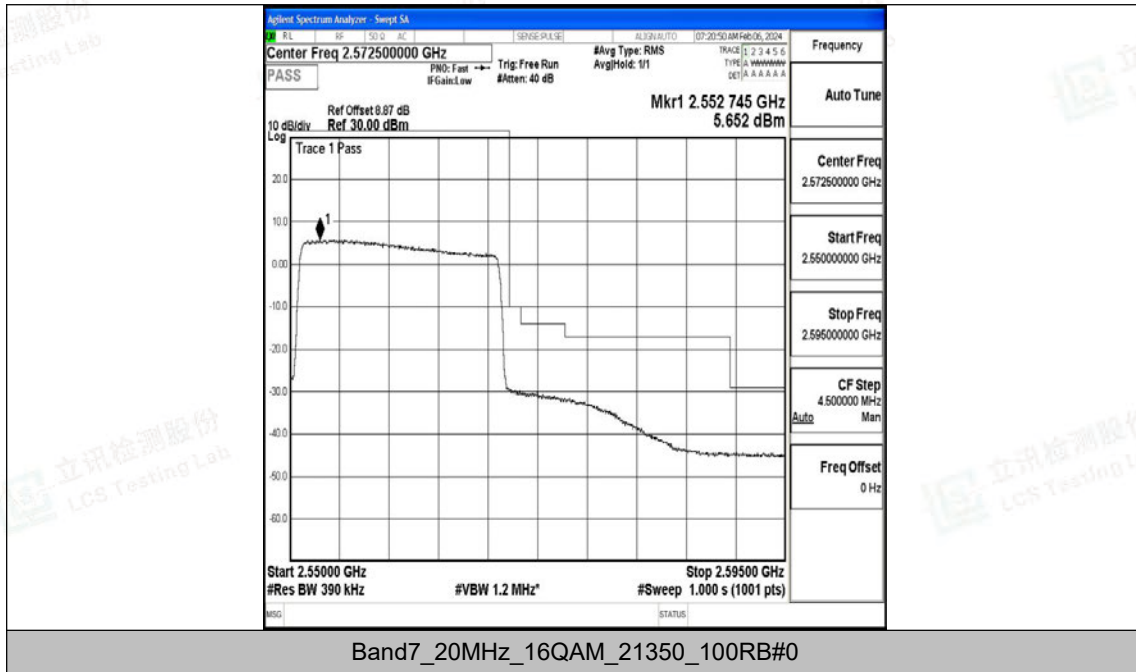


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## I.5 Conducted Spurious Emission

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-----------------|--------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 0.009~0.15      | -69.62       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 0.15~30         | -60.70       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 30~1000         | -62.34       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 1000~20000      | -33.34       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 20000~27000     | -35.24       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 0.009~0.15      | -68.09       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 0.15~30         | -63.45       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 30~1000         | -62.02       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 1000~20000      | -33.27       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 20000~27000     | -35.16       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 0.009~0.15      | -68.13       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 0.15~30         | -61.45       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 30~1000         | -62.02       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 1000~20000      | -33.21       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 20000~27000     | -35.36       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 0.009~0.15      | -70.26       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 0.15~30         | -62.91       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 30~1000         | -62.32       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 1000~20000      | -32.91       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 20000~27000     | -35.25       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 0.009~0.15      | -67.87       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 0.15~30         | -63.63       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 30~1000         | -62.43       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 1000~20000      | -32.94       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 20000~27000     | -35.17       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 0.009~0.15      | -70.17       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 0.15~30         | -62.19       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 30~1000         | -62.43       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 1000~20000      | -33.30       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 20000~27000     | -35.45       | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | 0.009~0.15      | -66.17       | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | 0.15~30         | -63.94       | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | 30~1000         | -62.30       | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | 1000~20000      | -32.85       | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 1RB#0            | 20000~27000     | -35.52       | PASS    |



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|-------|-------|-------|-------|-------|-------------|--------|------|
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 0.009~0.15  | -68.88 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 0.15~30     | -63.16 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 30~1000     | -62.07 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 1000~20000  | -33.02 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 20000~27000 | -35.35 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0 | 0.009~0.15  | -69.10 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0 | 0.15~30     | -61.55 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0 | 30~1000     | -62.17 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0 | 1000~20000  | -33.27 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0 | 20000~27000 | -35.49 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 0.009~0.15  | -66.44 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 0.15~30     | -60.93 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 30~1000     | -62.32 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 1000~20000  | -33.51 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 20000~27000 | -35.17 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0 | 0.009~0.15  | -65.54 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0 | 0.15~30     | -60.76 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0 | 30~1000     | -62.38 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0 | 1000~20000  | -33.48 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0 | 20000~27000 | -35.31 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 0.009~0.15  | -69.28 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 0.15~30     | -61.21 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 30~1000     | -61.66 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 1000~20000  | -32.89 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 20000~27000 | -35.09 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0 | 0.009~0.15  | -67.55 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0 | 0.15~30     | -61.27 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0 | 30~1000     | -62.13 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0 | 1000~20000  | -33.41 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0 | 20000~27000 | -35.27 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 0.009~0.15  | -67.56 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 0.15~30     | -60.87 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 30~1000     | -62.24 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 1000~20000  | -32.80 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 20000~27000 | -35.07 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0 | 0.009~0.15  | -68.49 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0 | 0.15~30     | -63.51 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0 | 30~1000     | -61.91 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0 | 1000~20000  | -33.14 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0 | 20000~27000 | -35.30 | PASS |



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|-------|-------|-------|-------|-------|-------------|--------|------|
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 0.009~0.15  | -67.29 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 0.15~30     | -61.48 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 30~1000     | -62.24 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 1000~20000  | -33.23 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0 | 0.009~0.15  | -68.94 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0 | 0.15~30     | -62.15 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0 | 30~1000     | -61.87 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0 | 1000~20000  | -33.46 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0 | 20000~27000 | -34.96 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 0.009~0.15  | -67.51 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 0.15~30     | -61.52 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 30~1000     | -62.15 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 1000~20000  | -33.47 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 20000~27000 | -35.14 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0 | 0.009~0.15  | -67.69 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0 | 0.15~30     | -62.04 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0 | 30~1000     | -62.09 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0 | 1000~20000  | -33.28 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0 | 20000~27000 | -35.32 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 0.009~0.15  | -69.32 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 0.15~30     | -60.16 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 30~1000     | -62.29 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 1000~20000  | -33.08 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 20000~27000 | -35.16 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0 | 0.009~0.15  | -65.35 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0 | 0.15~30     | -61.06 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0 | 30~1000     | -62.31 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0 | 1000~20000  | -33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0 | 20000~27000 | -35.09 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 0.009~0.15  | -67.20 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 0.15~30     | -64.14 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 30~1000     | -62.10 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 1000~20000  | -33.28 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 20000~27000 | -35.16 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0 | 0.009~0.15  | -66.84 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0 | 0.15~30     | -64.40 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0 | 30~1000     | -61.92 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0 | 1000~20000  | -33.12 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0 | 20000~27000 | -35.04 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 0.009~0.15  | -69.01 | PASS |



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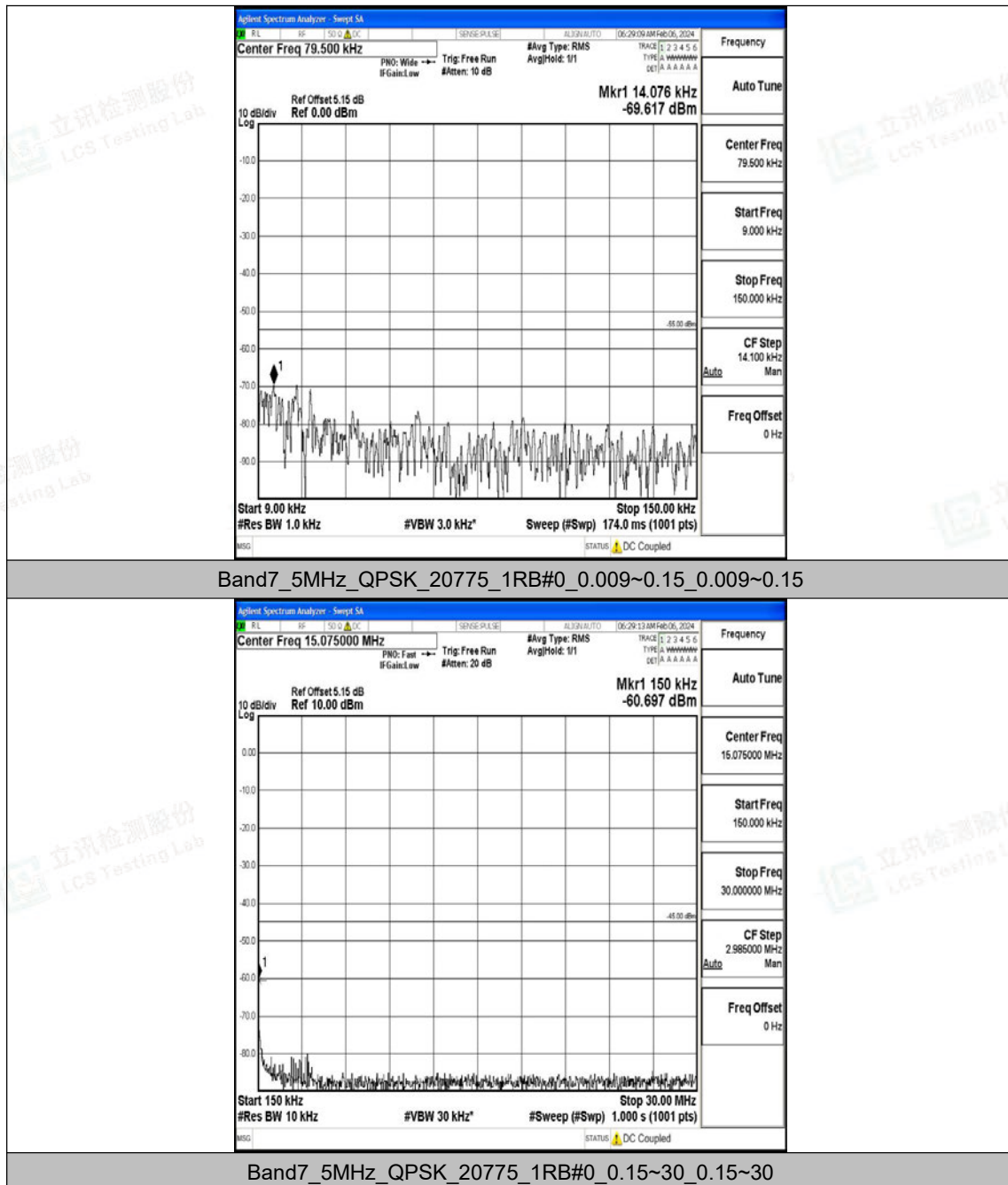
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|-------|-------|-------|-------|-------|-------------|--------|------|
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 0.15~30     | -62.13 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 30~1000     | -62.28 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 1000~20000  | -32.34 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 20000~27000 | -35.28 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 20000~27000 | -35.34 | PASS |

## Test Graphs



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