



## Appendix I: Test Data for E-UTRA Band 4

Product Name: TD-LTE digital mobile phone

Test Model: M17 Pro

### Environmental Conditions

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



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## I.1 Conducted Output Power Data

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 20.81       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 19.94       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#2            | 20.82       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#2            | 19.94       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5            | 20.85       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#5            | 19.92       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#0            | 20.78       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#0            | 19.91       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#1            | 20.76       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#1            | 19.90       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#3            | 20.76       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#3            | 19.85       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 19.86       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 18.93       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 21.44       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 21.13       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#2            | 21.43       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#2            | 21.18       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#5            | 21.47       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#5            | 21.21       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#0            | 21.44       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#0            | 20.51       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#1            | 21.43       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#1            | 20.41       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#3            | 21.49       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#3            | 20.38       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 20.62       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 19.70       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 21.94       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | 21.47       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#2            | 21.96       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#2            | 21.50       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5            | 21.96       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#5            | 21.49       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#0            | 21.94       | PASS    |



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|       |        |       |       |        |       |      |
|-------|--------|-------|-------|--------|-------|------|
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#0  | 20.53 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 3RB#1  | 21.95 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#1  | 21.09 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 3RB#3  | 21.98 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3  | 21.10 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0  | 21.07 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | 20.28 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#0  | 23.01 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#0  | 22.25 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#8  | 23.07 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#8  | 22.22 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#14 | 22.99 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#14 | 22.16 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#0  | 22.32 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#0  | 21.64 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#4  | 22.35 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#4  | 21.64 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#7  | 22.31 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#7  | 21.67 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | 22.30 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | 21.53 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#0  | 23.15 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#0  | 21.79 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#8  | 23.15 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#8  | 21.71 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#14 | 23.19 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#14 | 21.75 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#0  | 22.36 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 8RB#0  | 21.68 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#4  | 22.35 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 8RB#4  | 21.67 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#7  | 22.31 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 8RB#7  | 21.66 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | 22.37 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 15RB#0 | 21.40 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#0  | 22.97 | PASS |
| Band4 | 3MHz   | 16QAM | 20385 | 1RB#0  | 22.33 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#8  | 22.94 | PASS |
| Band4 | 3MHz   | 16QAM | 20385 | 1RB#8  | 22.33 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#14 | 23.01 | PASS |



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|-------|------|-------|-------|---------|-------|------|
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14  | 22.31 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#0   | 22.13 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#0   | 21.51 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#4   | 22.16 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4   | 21.52 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#7   | 22.26 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7   | 21.49 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0  | 22.25 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0  | 21.39 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#0   | 23.13 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0   | 21.77 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#12  | 23.06 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#12  | 21.74 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#24  | 23.08 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#24  | 21.77 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#0  | 22.31 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#0  | 21.43 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#6  | 22.28 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#6  | 21.49 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#13 | 22.37 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#13 | 21.48 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0  | 22.29 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0  | 21.57 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#0   | 22.99 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0   | 22.57 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#12  | 22.98 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#12  | 22.58 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#24  | 23.06 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#24  | 22.53 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#0  | 22.34 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#0  | 21.65 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#6  | 22.34 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#6  | 21.65 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#13 | 22.35 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#13 | 21.75 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0  | 22.32 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0  | 21.42 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#0   | 23.28 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#0   | 22.10 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#12  | 23.27 | PASS |



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|-------|-------|-------|-------|---------|-------|------|
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#12  | 22.07 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 1RB#24  | 23.26 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#24  | 22.07 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 12RB#0  | 22.27 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#0  | 21.41 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 12RB#6  | 22.23 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#6  | 21.35 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 12RB#13 | 22.18 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#13 | 21.32 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0  | 22.23 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | 21.37 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 23.03 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 22.32 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#24  | 23.02 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24  | 22.24 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#49  | 22.95 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | 22.27 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#0  | 22.28 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0  | 21.45 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#12 | 22.31 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 21.45 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#25 | 22.23 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 21.38 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 22.27 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 21.45 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 23.17 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 22.29 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#24  | 23.18 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24  | 22.35 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#49  | 23.14 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49  | 22.26 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#0  | 22.35 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0  | 21.63 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#12 | 22.33 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 21.63 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#25 | 22.42 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 21.58 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 22.36 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 21.52 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 22.98 | PASS |



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|-------|-------|-------|-------|---------|-------|------|
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 22.83 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#24  | 22.92 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24  | 22.67 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | 22.93 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | 22.71 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#0  | 22.20 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0  | 21.49 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#12 | 22.32 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 21.50 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#25 | 22.20 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 21.45 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 22.23 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 21.51 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 23.07 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 22.34 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#38  | 22.96 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38  | 22.17 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | 22.96 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | 22.17 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#0  | 22.33 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#0  | 22.24 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#18 | 22.24 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#18 | 22.24 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#37 | 22.33 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#37 | 22.32 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 22.32 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 21.41 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 22.75 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 22.08 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#38  | 22.72 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38  | 22.35 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#74  | 22.70 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74  | 22.13 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#0  | 22.27 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#0  | 22.25 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#18 | 22.25 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#18 | 22.25 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#37 | 22.25 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#37 | 22.25 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 22.25 | PASS |



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|-------|-------|-------|-------|---------|-------|------|
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 21.56 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 22.90 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 22.61 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#38  | 22.95 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38  | 22.53 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | 22.95 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | 22.47 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#0  | 22.28 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#0  | 22.29 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#18 | 22.28 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#18 | 22.29 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#37 | 22.29 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#37 | 22.30 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 22.28 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 21.49 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 23.03 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 22.16 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#49  | 23.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49  | 21.96 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | 23.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | 21.96 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#0  | 22.23 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0  | 21.56 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#25 | 22.35 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 21.57 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#50 | 22.29 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 21.49 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 22.30 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 21.43 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 23.19 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 22.86 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#49  | 23.10 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49  | 22.90 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#99  | 23.06 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99  | 22.75 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#0  | 22.32 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0  | 21.61 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#25 | 22.29 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 21.60 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#50 | 22.33 | PASS |



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|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 21.51 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 22.35 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 21.63 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 23.22 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 21.95 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#49  | 23.14 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49  | 21.94 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | 23.12 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | 21.83 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#0  | 22.26 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0  | 21.69 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#25 | 22.33 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 21.69 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#50 | 22.25 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 21.60 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 22.32 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 21.44 | PASS |





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

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 3.52       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 4.16       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 4.31       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 4.99       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 3.63       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 4.22       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 4.55       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 5.22       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 3.39       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | 3.89       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 4.30       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 5.01       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | 3.54       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | 4.31       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 4.34       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 5.02       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 1RB#0            | 3.73       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 1RB#0            | 4.53       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 4.54       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 5.29       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#0            | 3.44       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 1RB#0            | 4.26       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 4.27       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 5.00       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#0            | 3.62       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#0            | 4.42       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 4.87       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 5.44       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 1RB#0            | 3.86       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 1RB#0            | 4.77       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 4.96       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 5.60       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#0            | 3.40       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 1RB#0            | 4.26       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 4.78       | 13        | PASS    |



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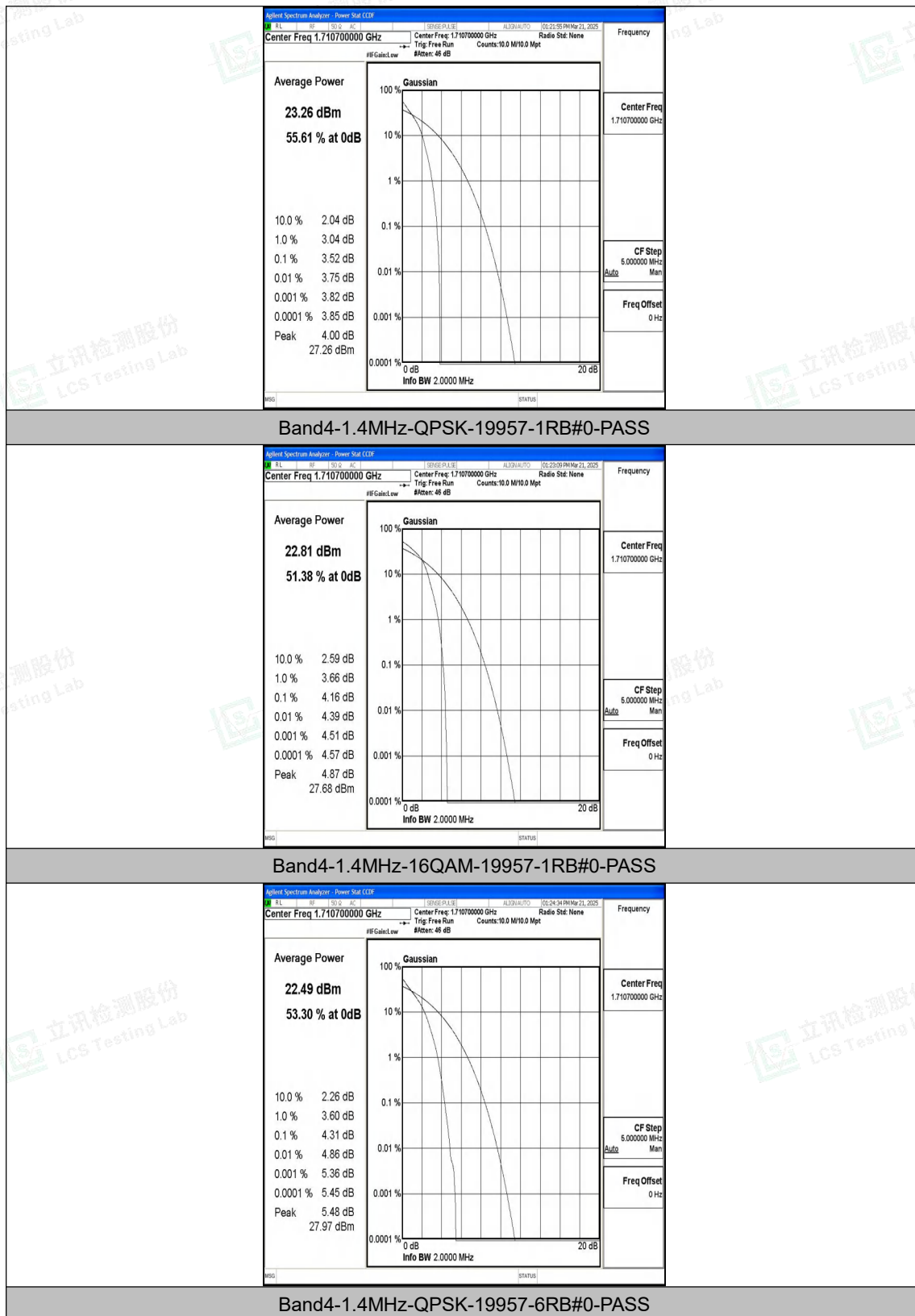


|       |       |       |       |         |      |    |      |
|-------|-------|-------|-------|---------|------|----|------|
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | 5.37 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 3.55 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 4.26 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 4.95 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 5.60 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 3.90 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 4.69 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 4.97 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 5.66 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 3.15 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 3.99 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 4.75 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 5.41 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 3.54 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 4.27 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 5.27 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 5.73 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 4.02 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 4.76 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 5.27 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 5.73 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 3.33 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 4.09 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 4.96 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 5.50 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 3.29 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 4.17 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 5.06 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 5.71 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 3.92 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 4.62 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 4.95 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 5.66 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 3.35 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 3.95 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 4.70 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 5.36 | 13 | PASS |





## Test Graphs

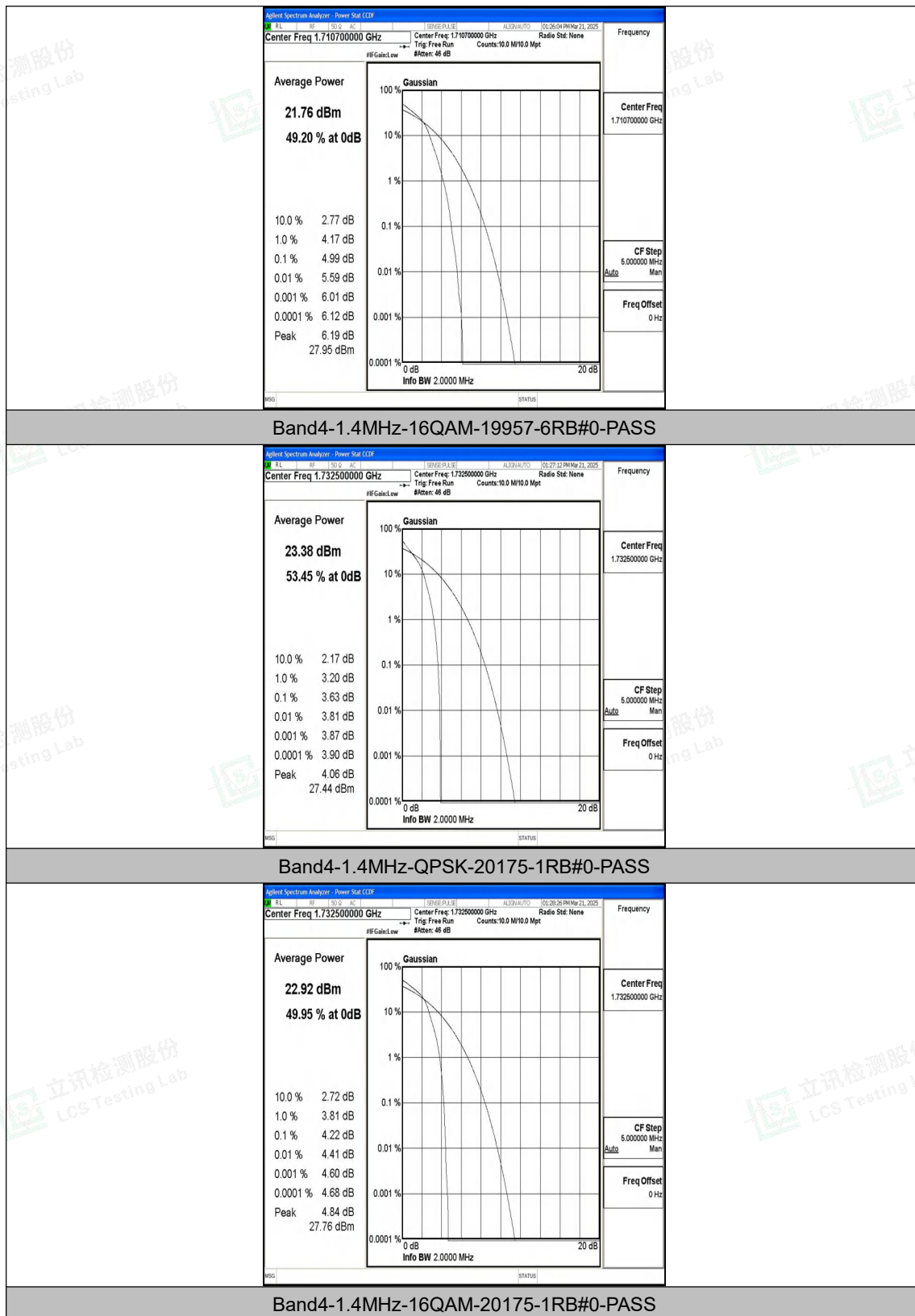


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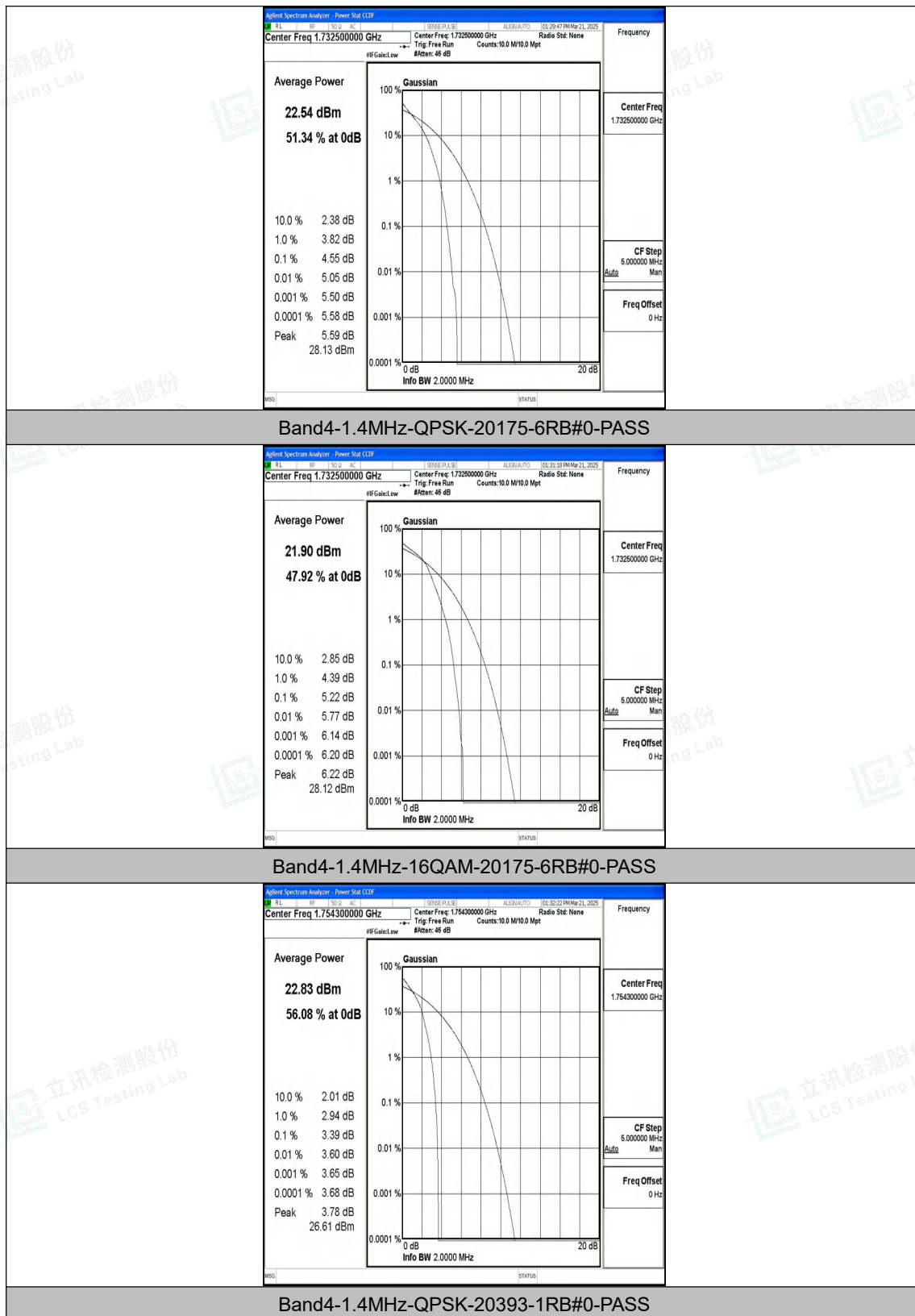


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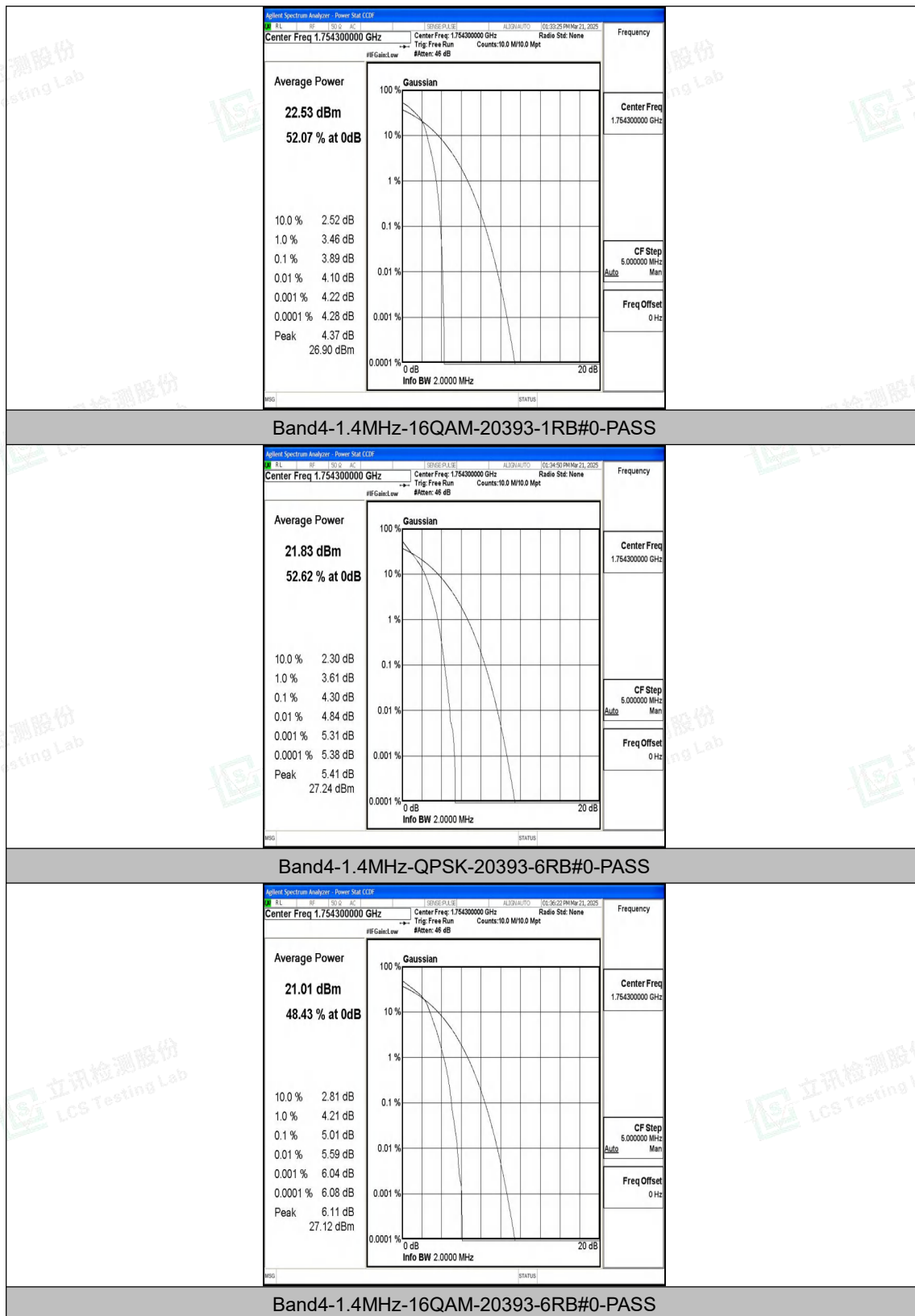


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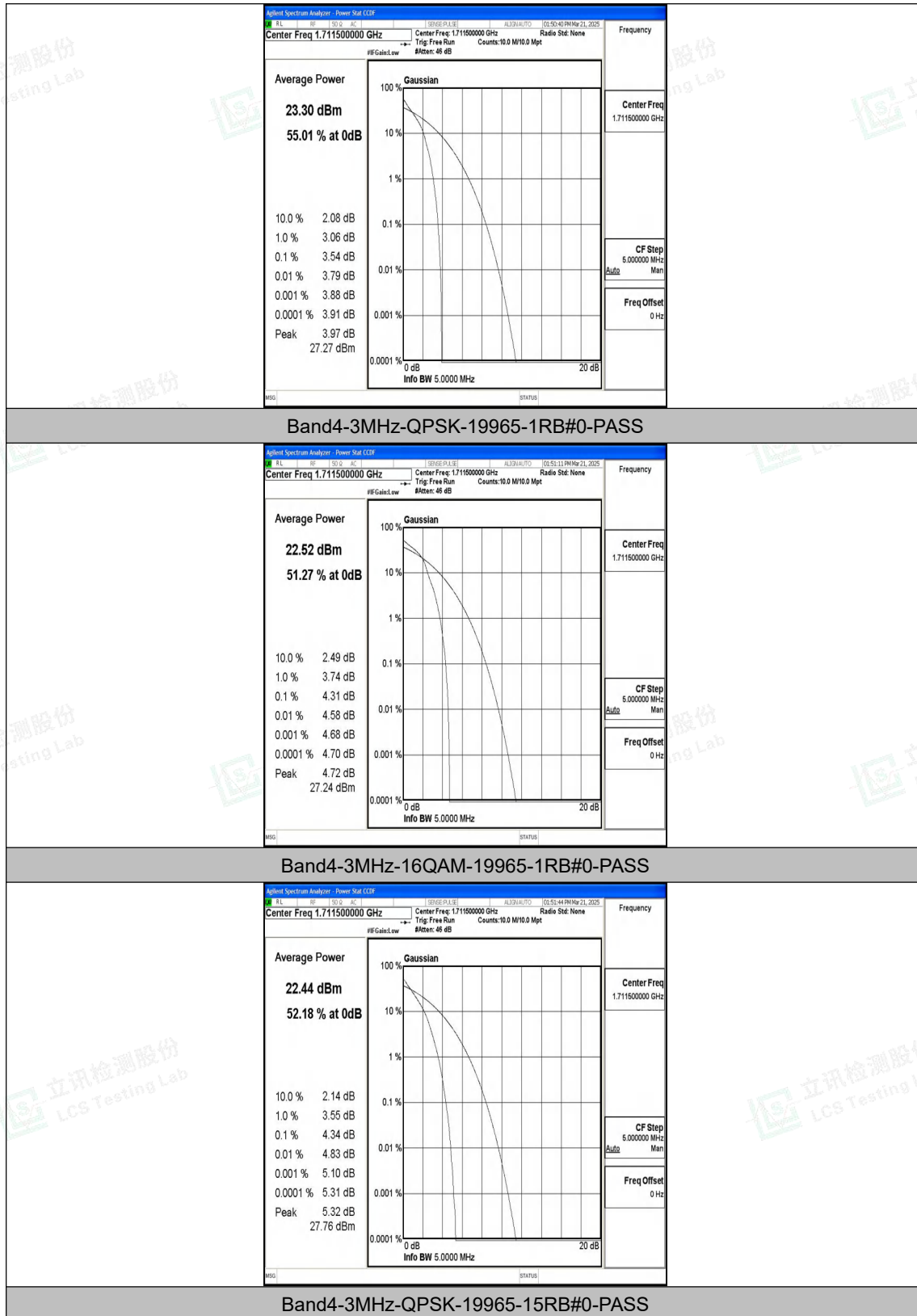


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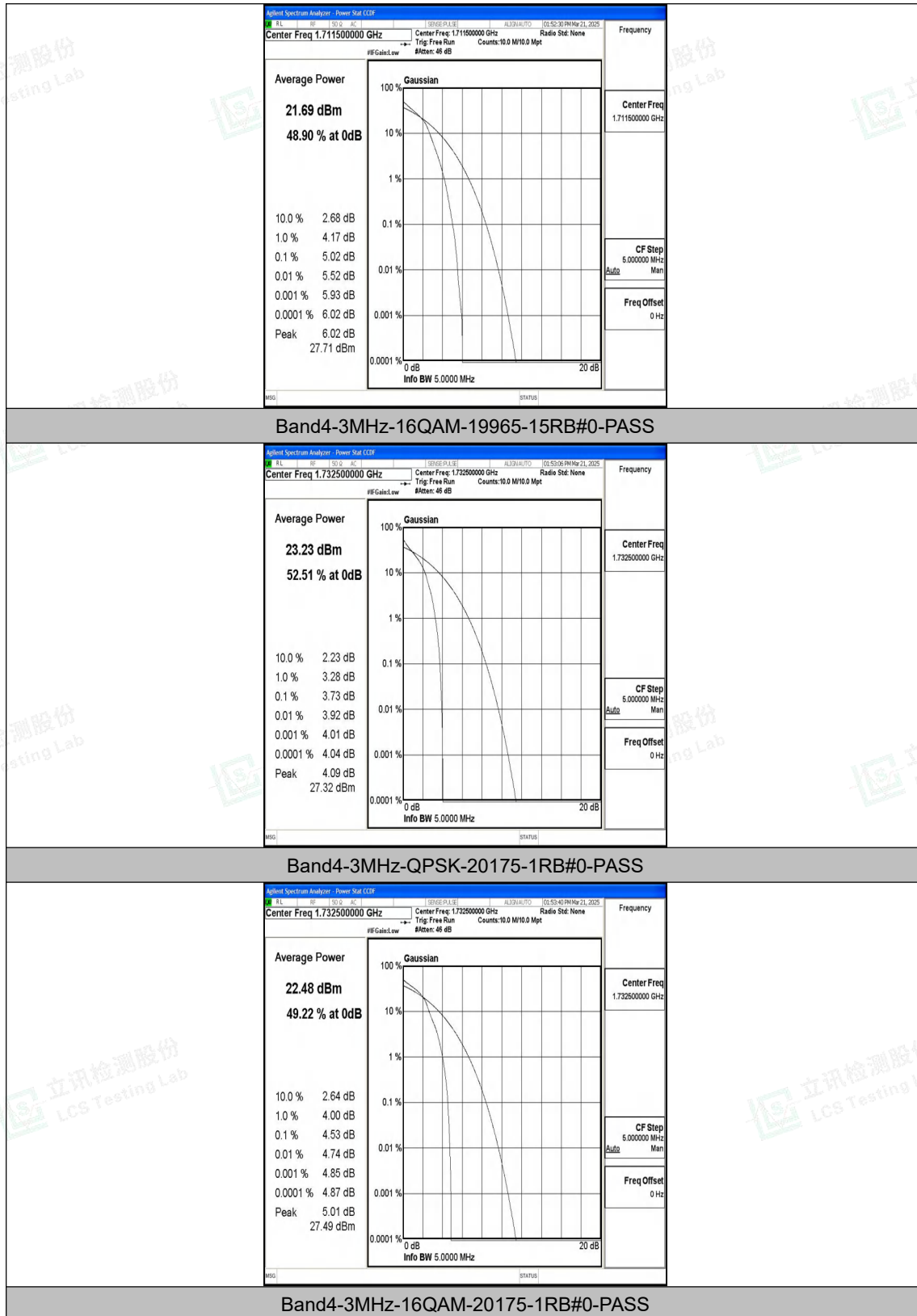


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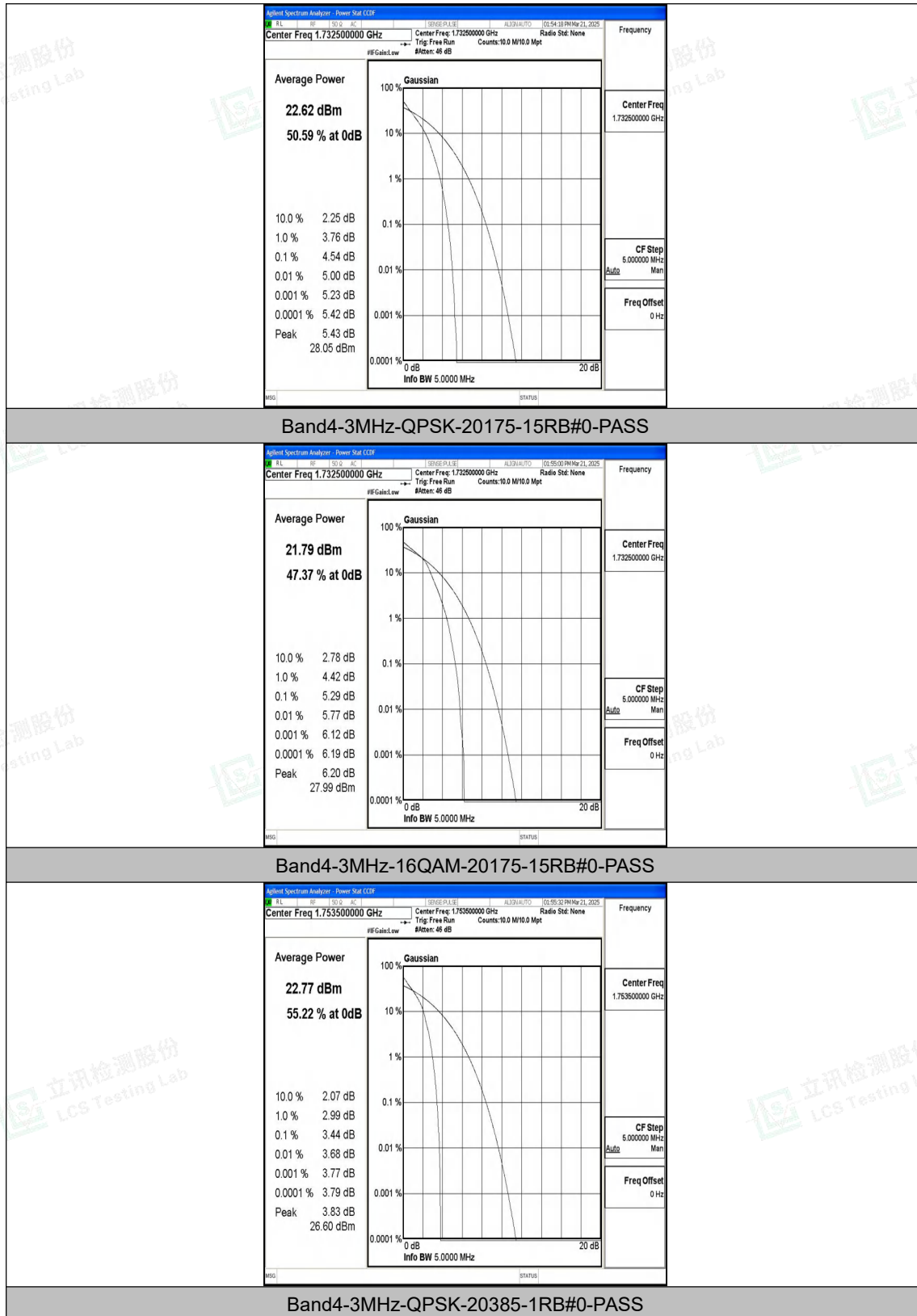


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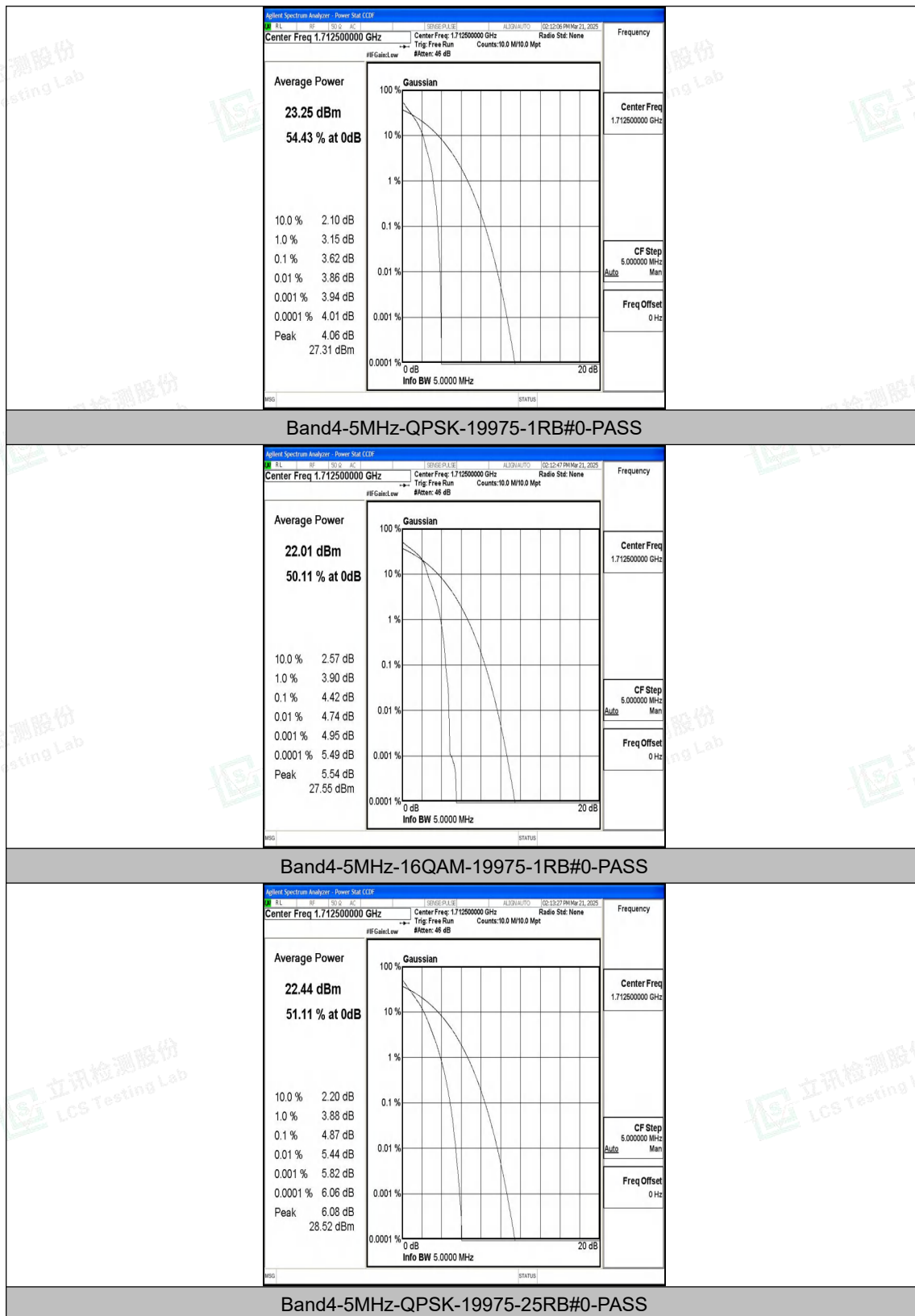


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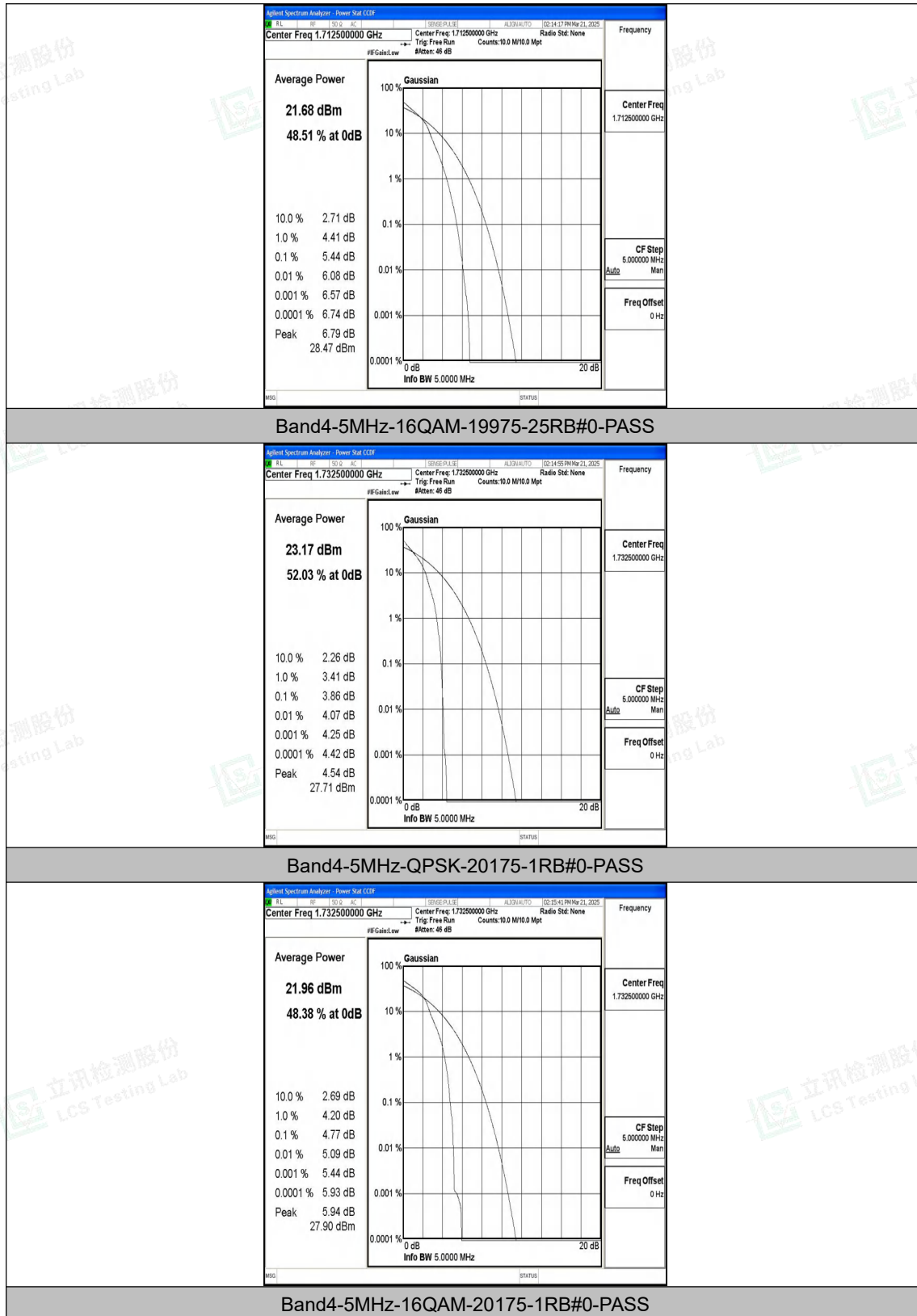


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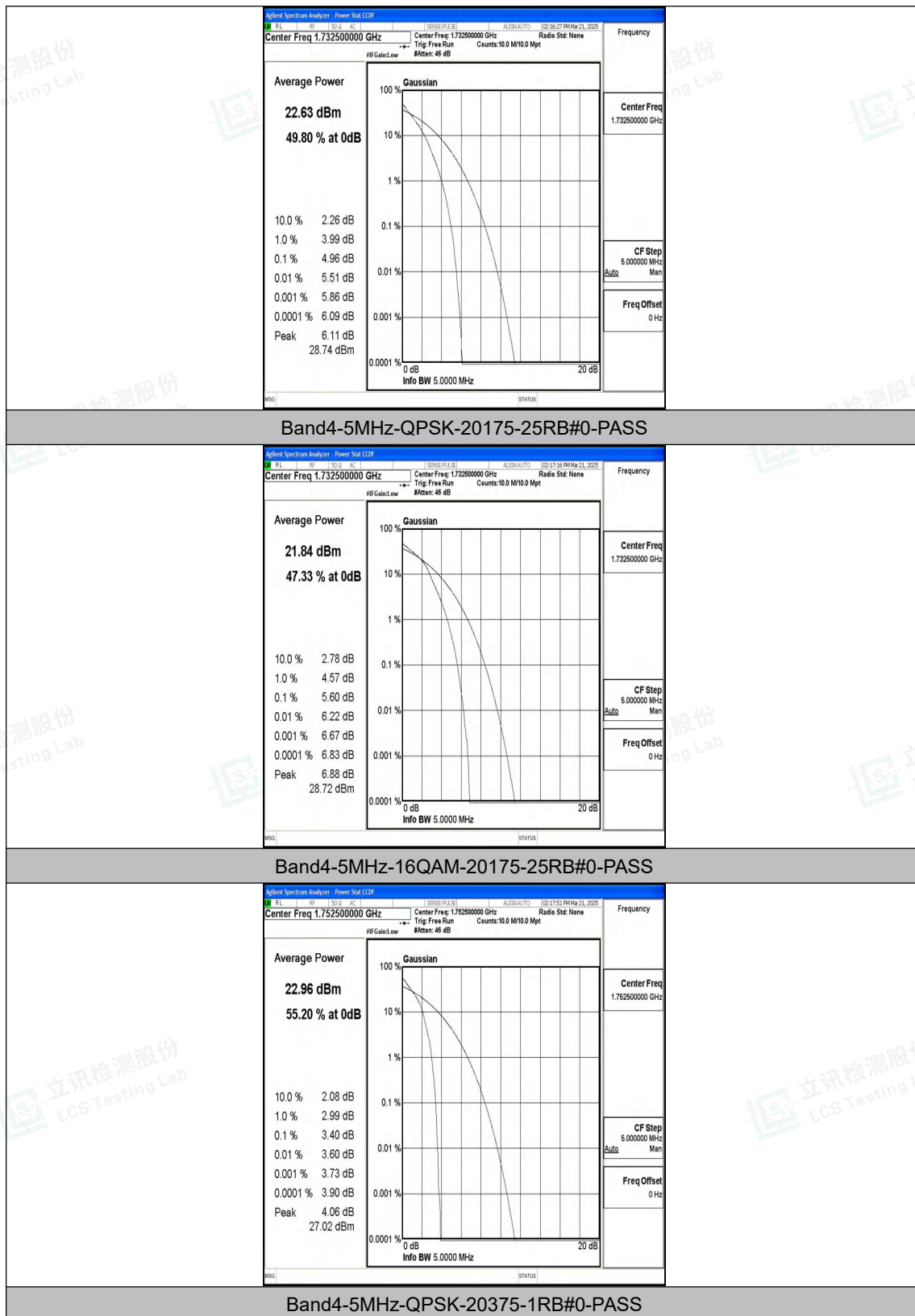


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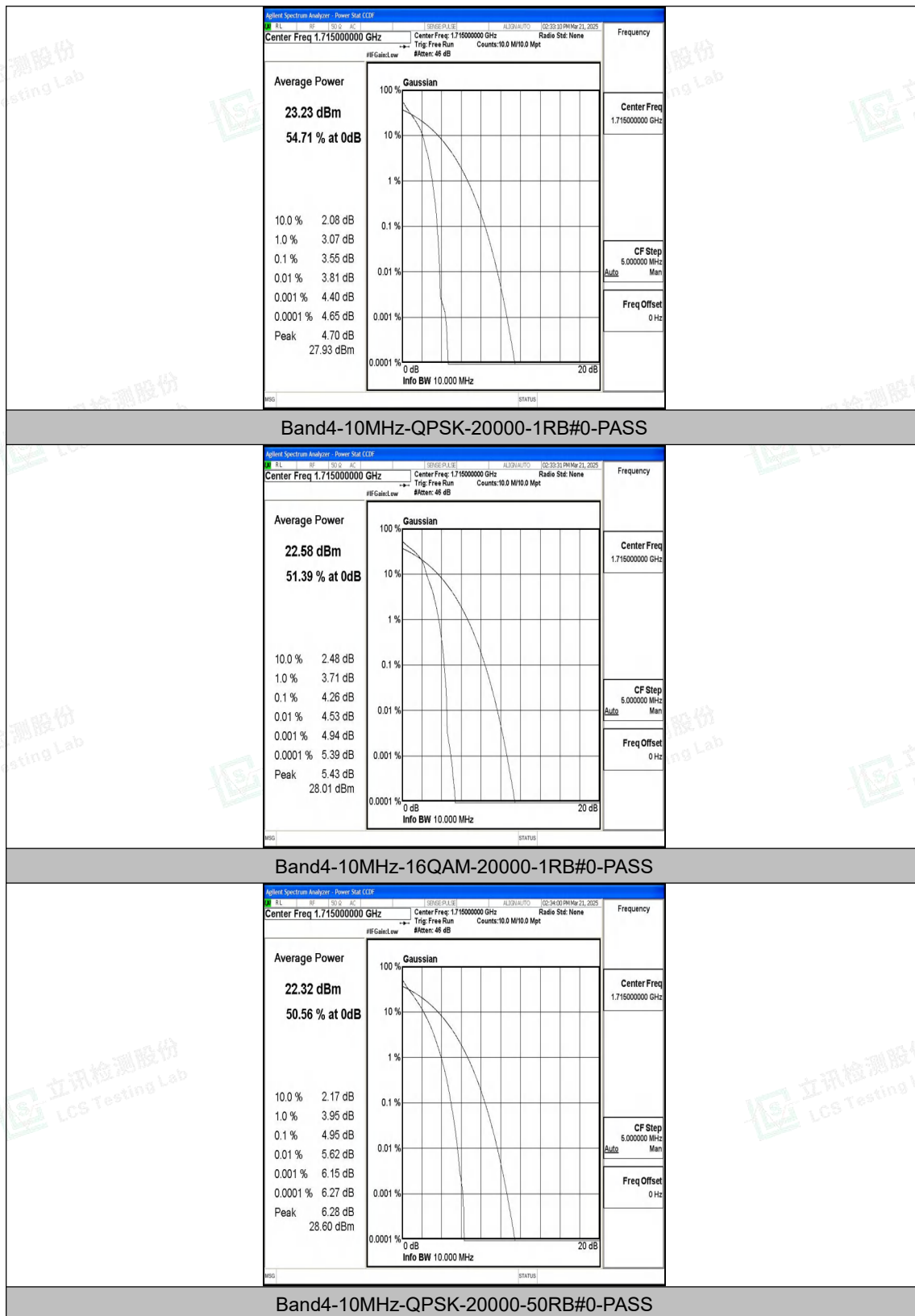


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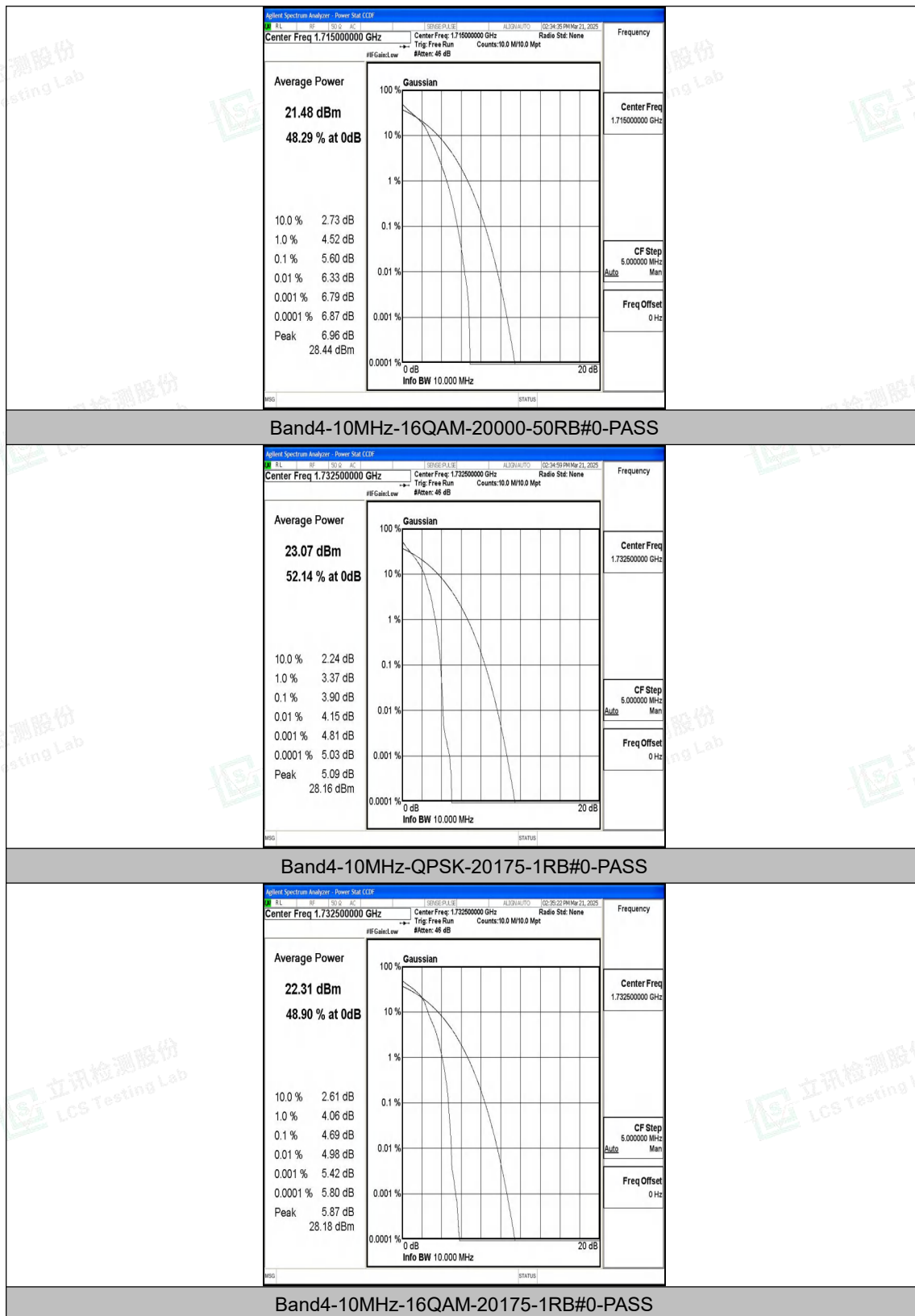


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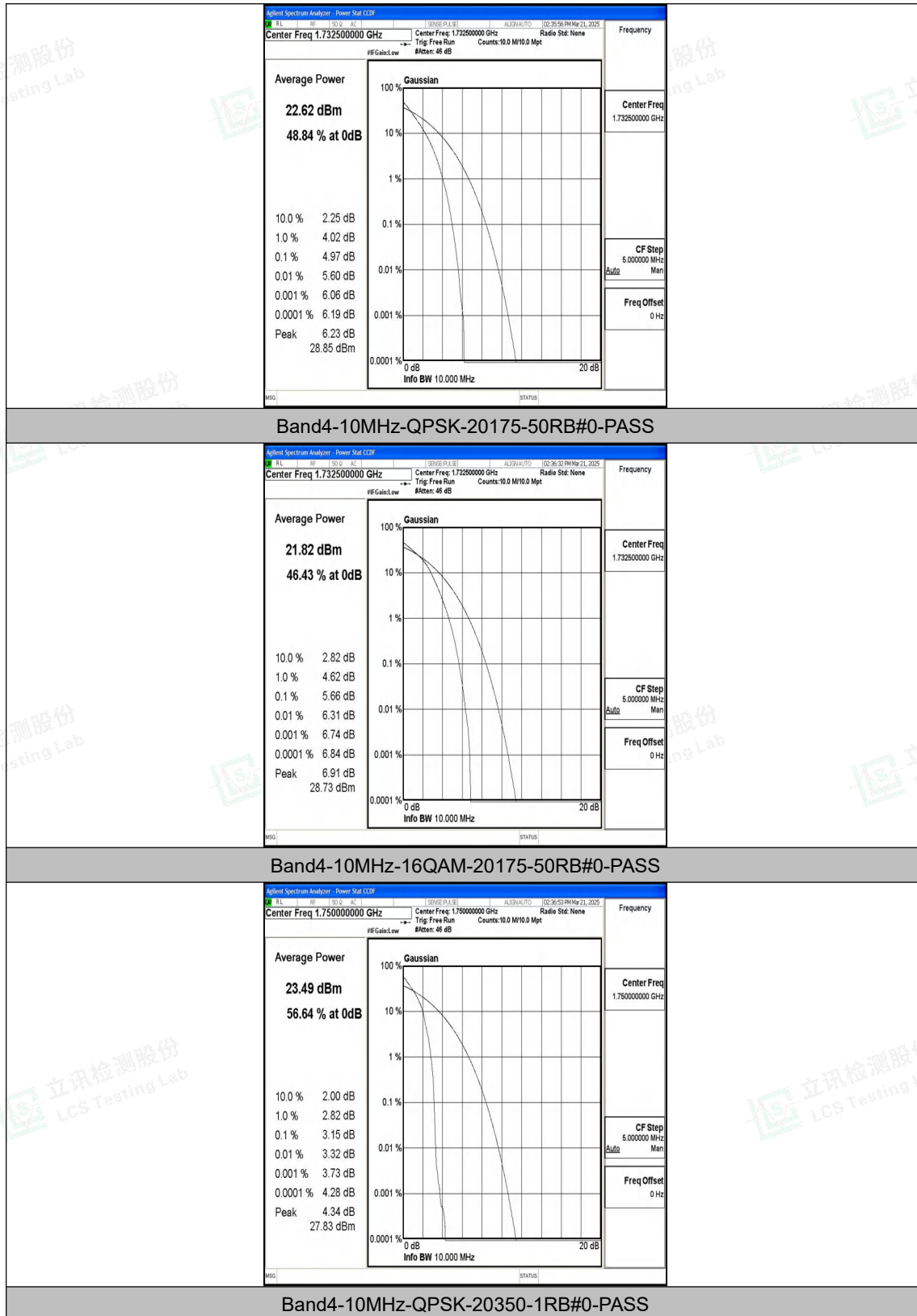


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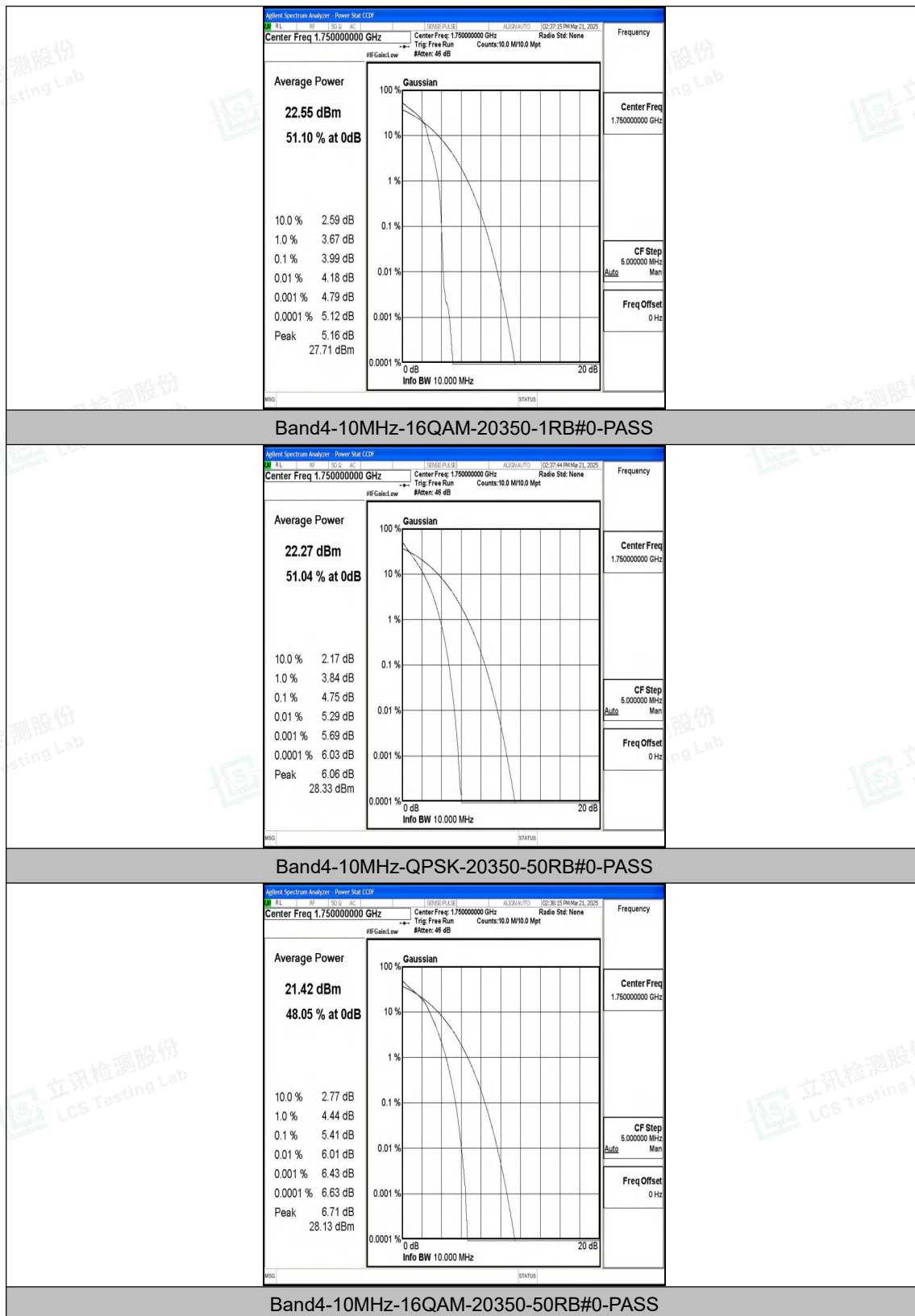


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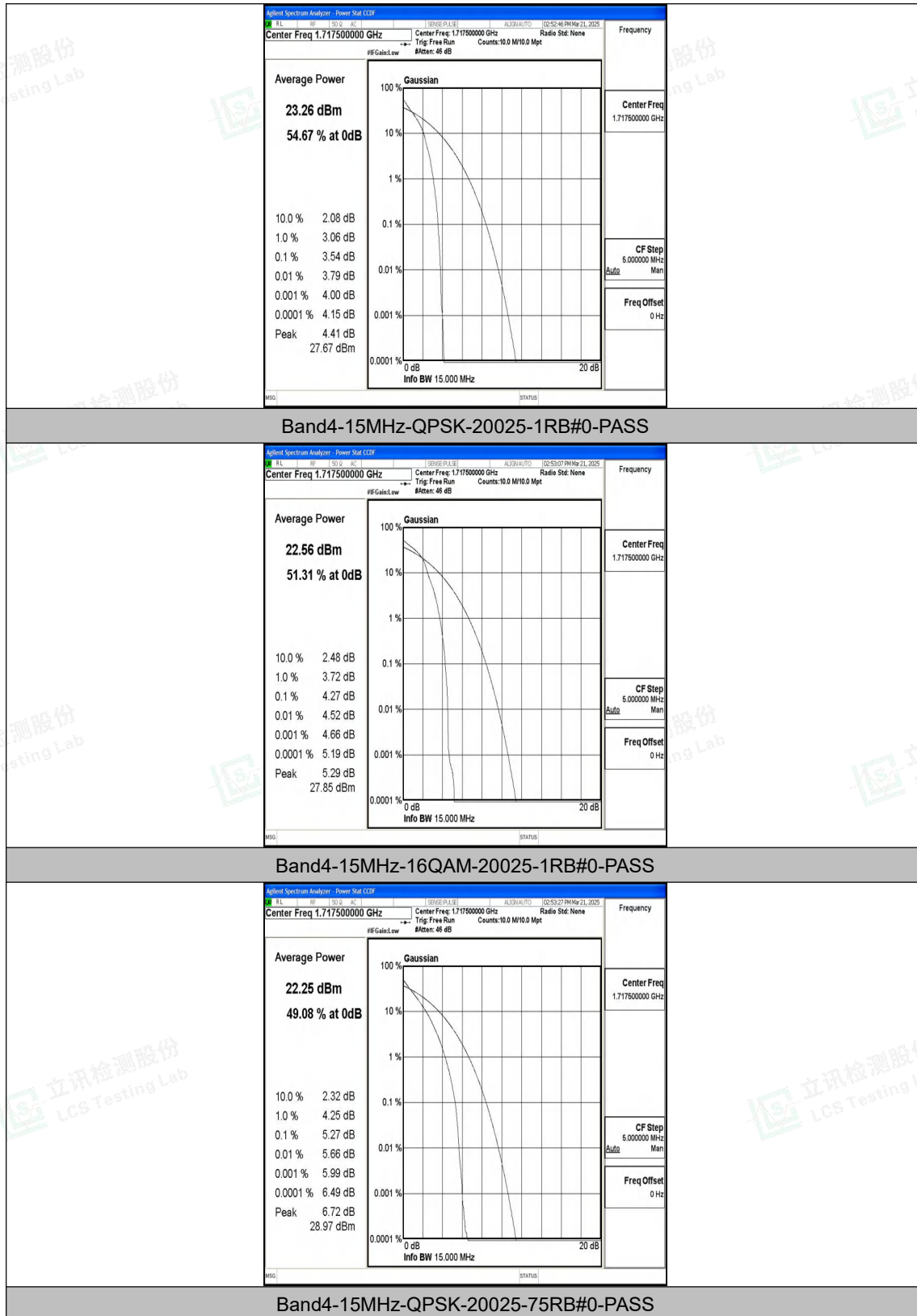


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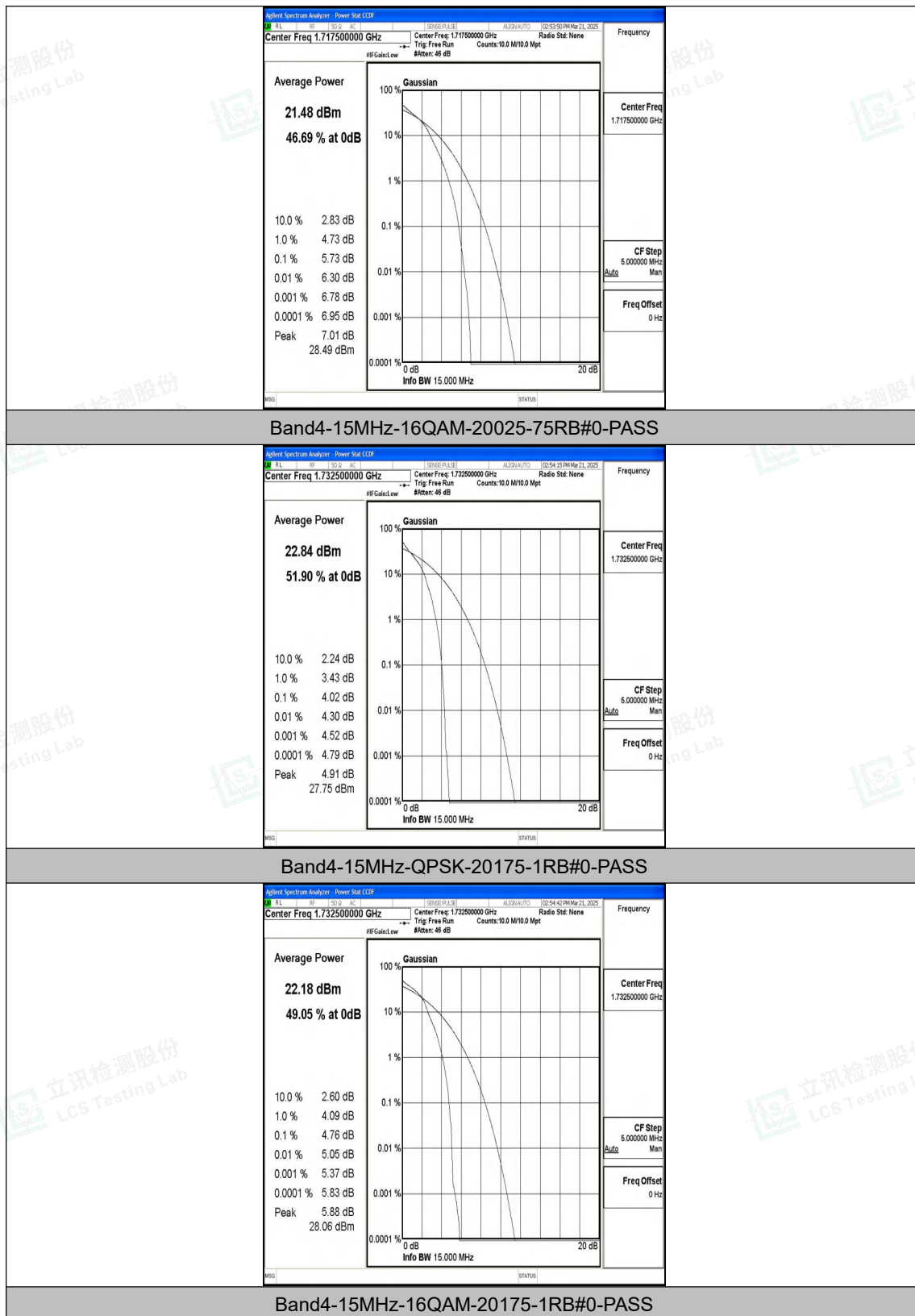


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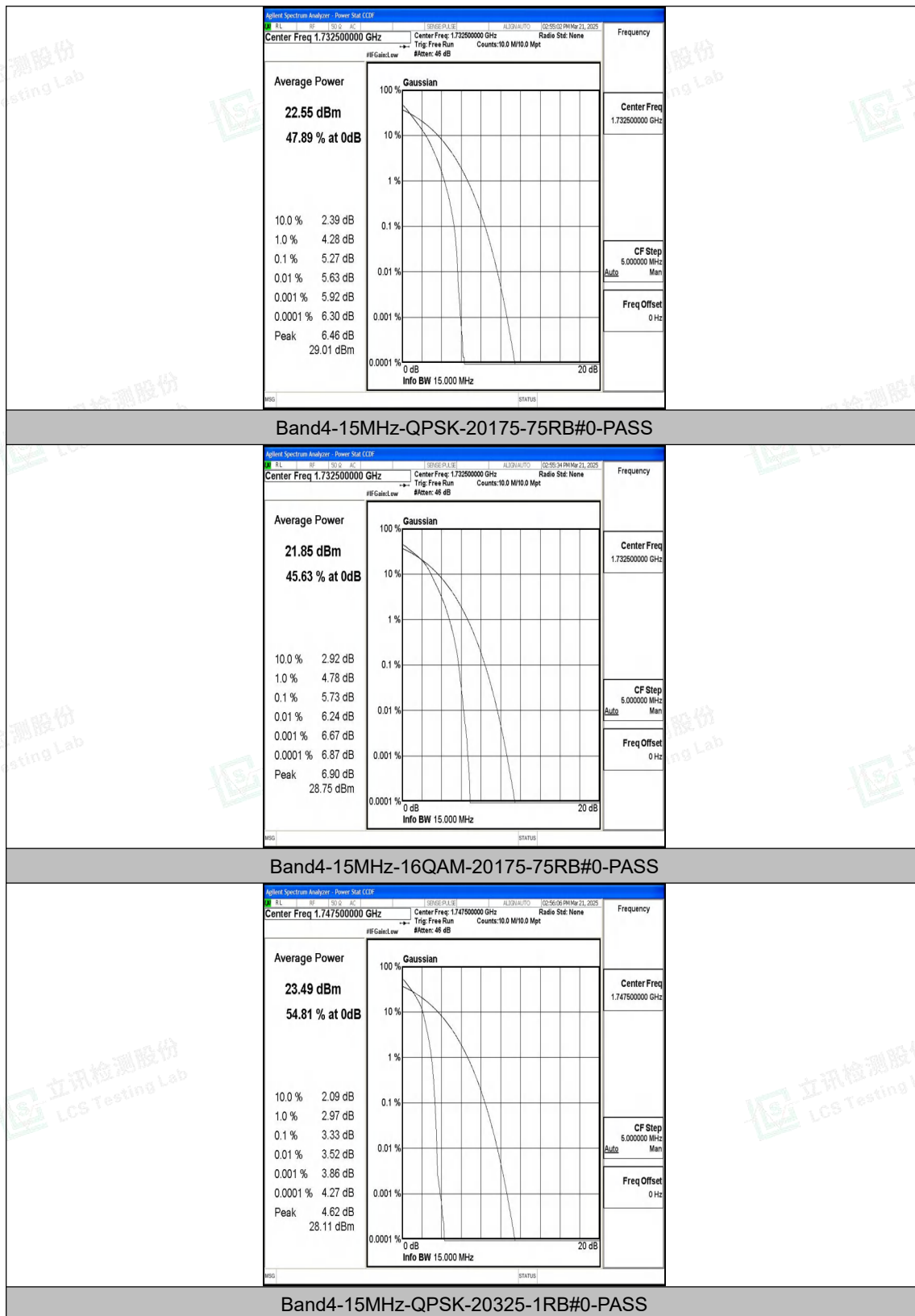


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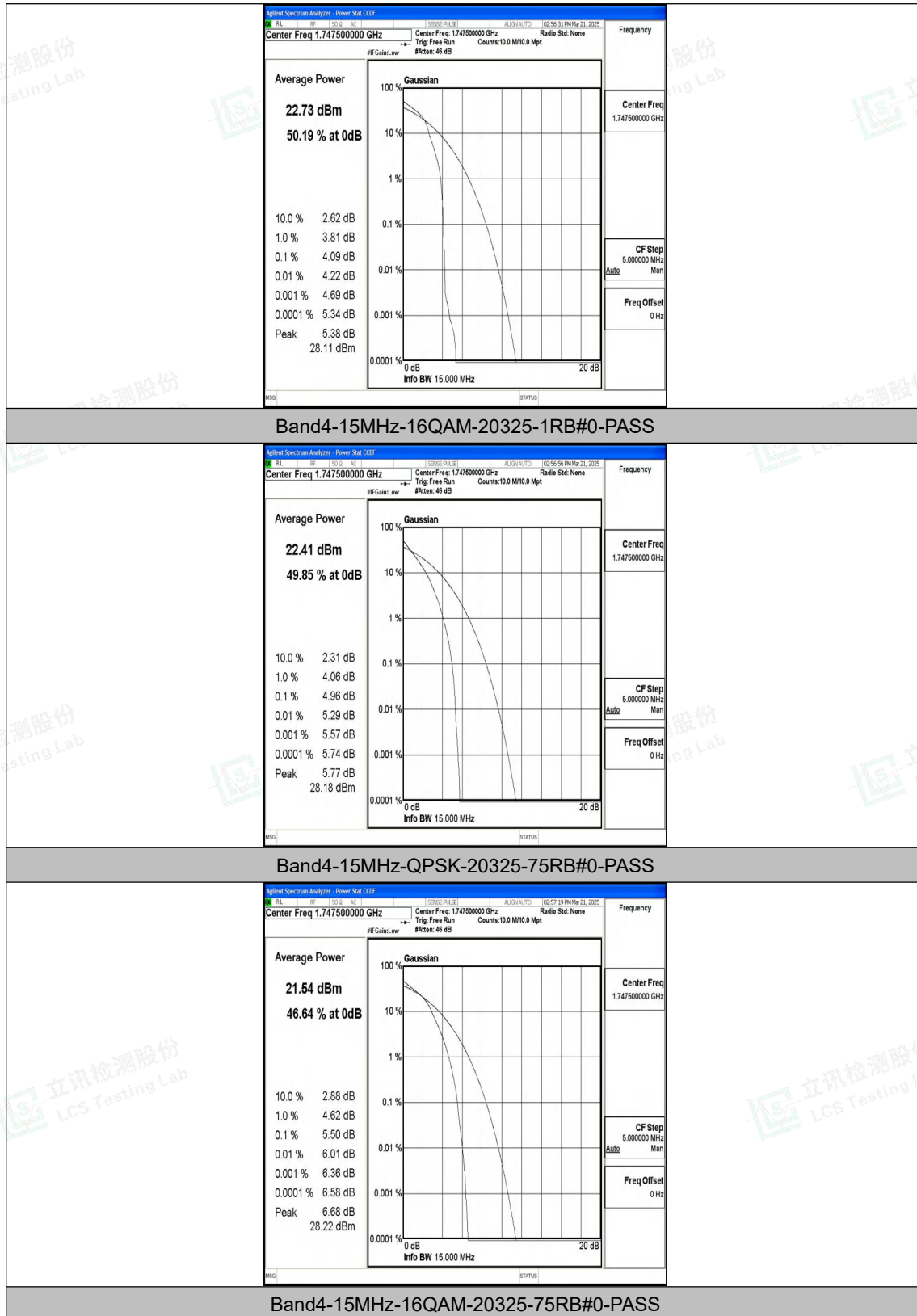


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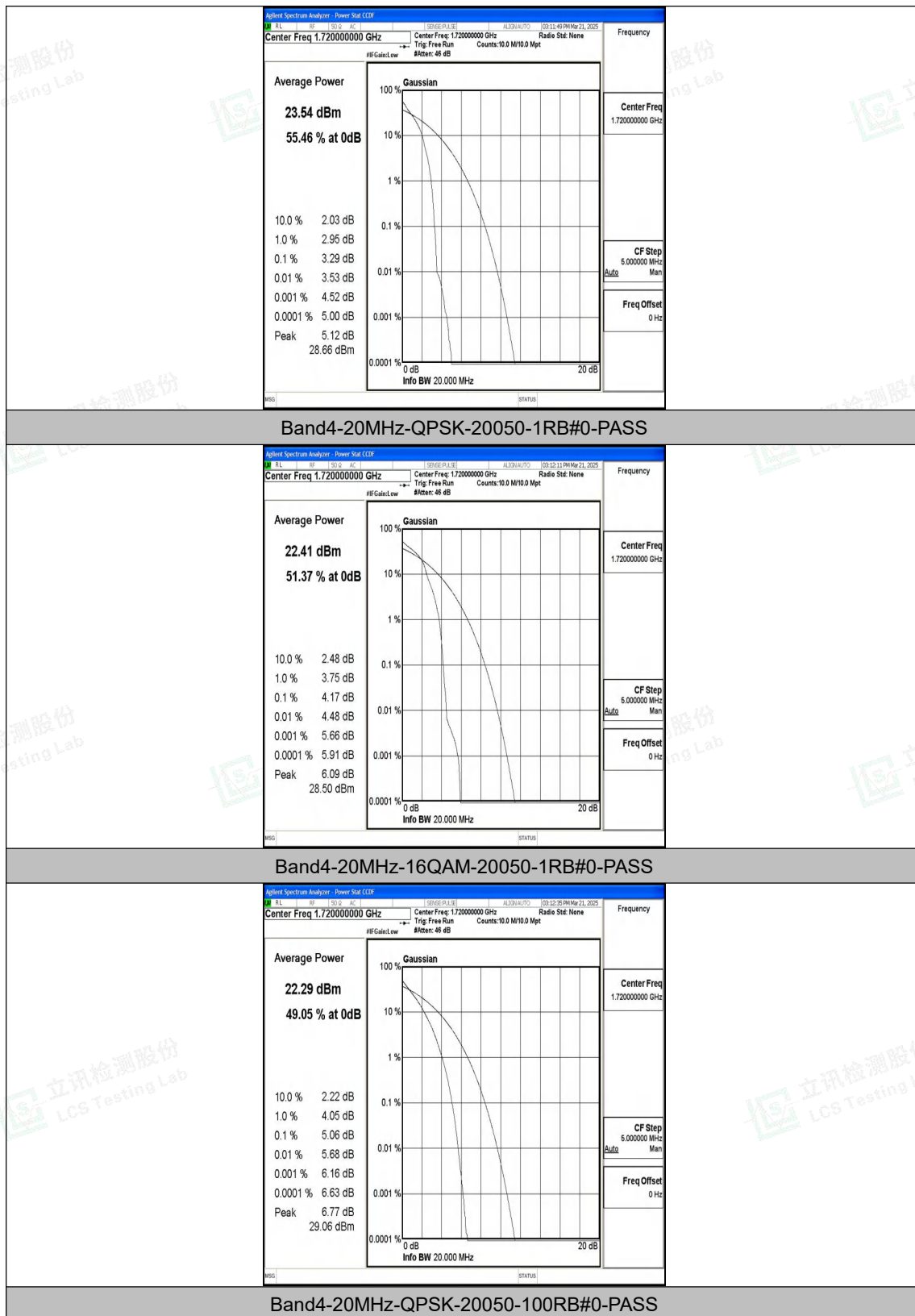


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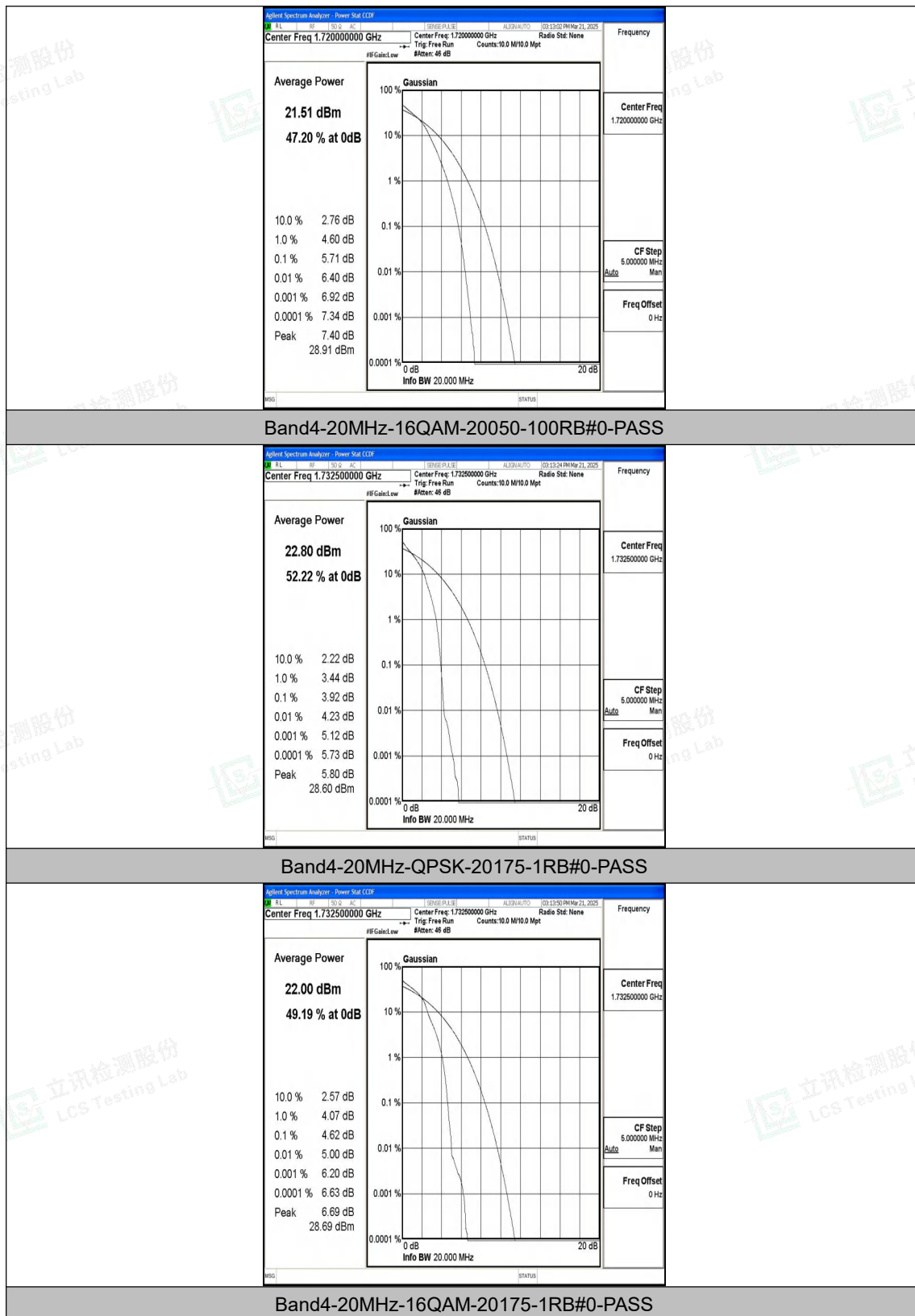


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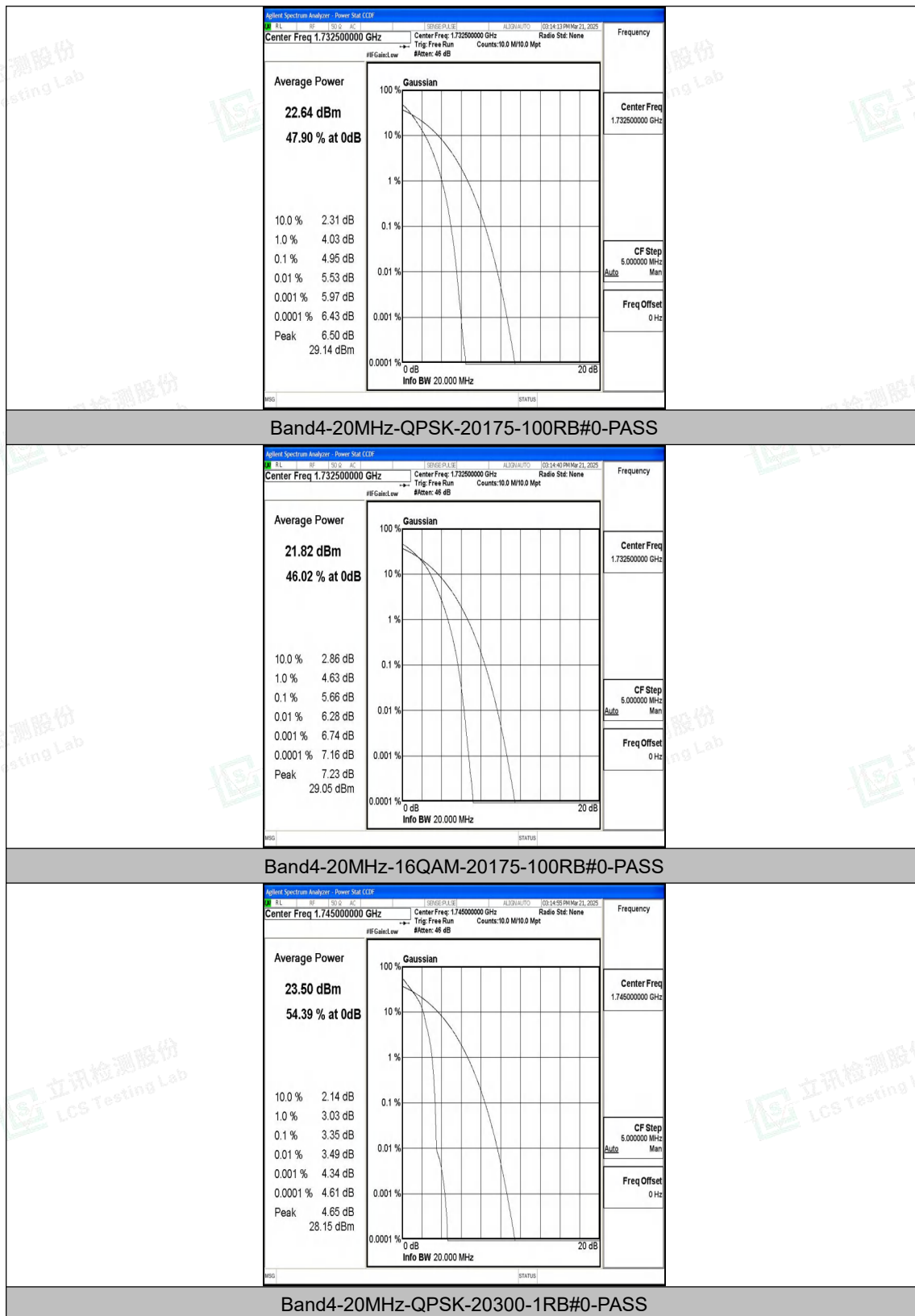


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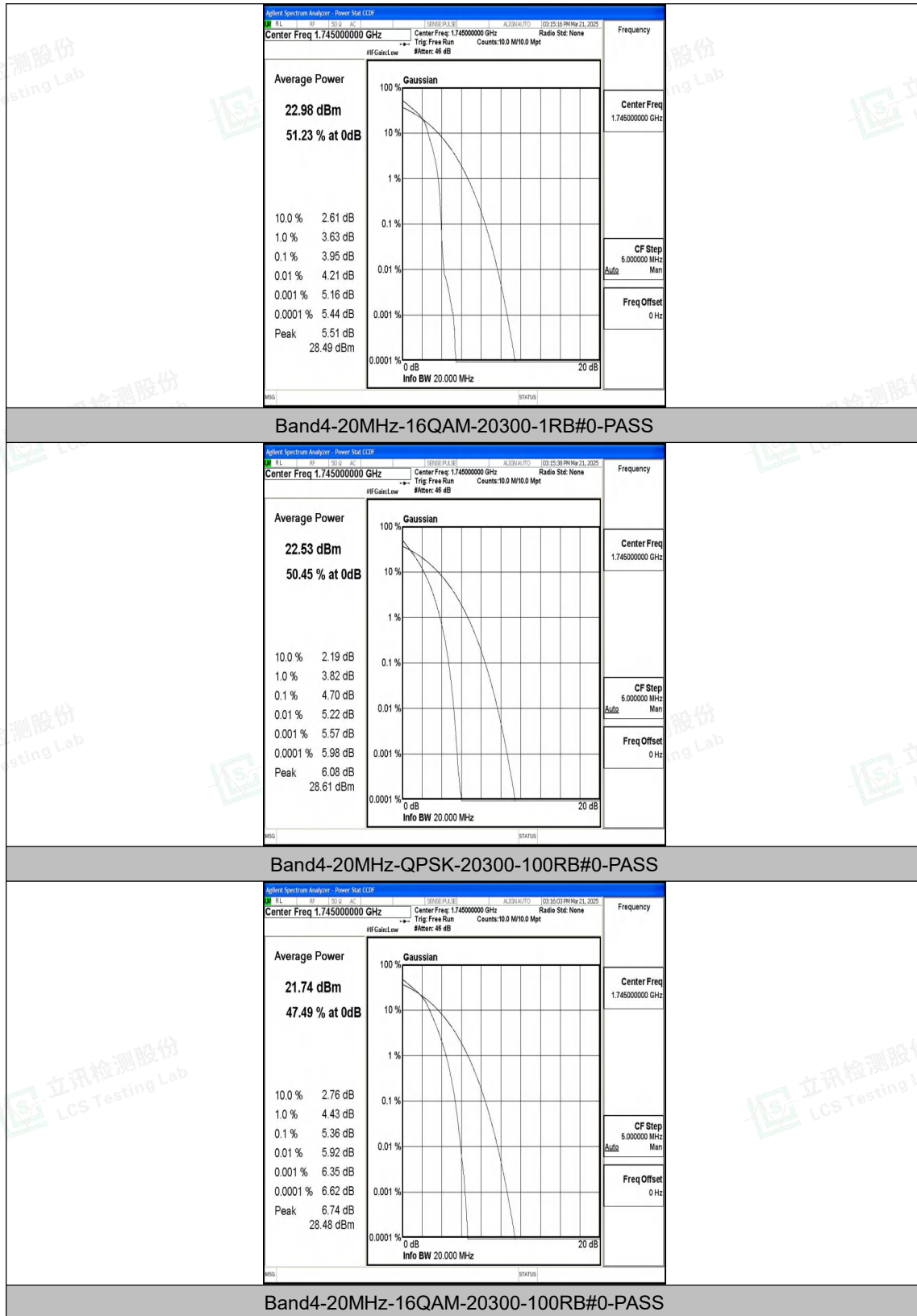


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### I.3 26dB Bandwidth and Occupied Bandwidth

#### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 1.0988                   | 1.356                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 1.1025                   | 1.340                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 1.1002                   | 1.282                | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 2.7715                   | 3.423                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 2.7535                   | 3.342                | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 2.7726                   | 3.528                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 2.7603                   | 3.365                | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 4.5269                   | 5.474                | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 4.5337                   | 5.365                | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 4.5393                   | 5.369                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 4.5238                   | 5.306                | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 4.5247                   | 5.317                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | 4.5254                   | 5.341                | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | 9.0165                   | 10.11                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 50RB#0           | 9.0323                   | 9.954                | PASS    |
| Band4 | 10MHz     | QPSK       | 20175   | 50RB#0           | 8.9868                   | 10.09                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20175   | 50RB#0           | 9.0026                   | 10.04                | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 50RB#0           | 9.0185                   | 10.41                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20350   | 50RB#0           | 9.0268                   | 10.73                | PASS    |
| Band4 | 15MHz     | QPSK       | 20025   | 75RB#0           | 13.535                   | 15.73                | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0          | 18.060                   | 20.13                | PASS    |
| Band4 | 20MHz     | 16QAM      | 20050   | 100RB#0          | 18.035                   | 20.22                | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0          | 18.027                   | 20.18                | PASS    |
| Band4 | 20MHz     | 16QAM      | 20175   | 100RB#0          | 18.023                   | 20.09                | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 100RB#0          | 17.994                   | 20.30                | PASS    |
| Band4 | 20MHz     | 16QAM      | 20300   | 100RB#0          | 17.994                   | 20.06                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 1.0982                   | 1.375                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 1.0944                   | 1.360                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 1.1058                   | 1.358                | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 2.7739                   | 3.503                | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 2.7573                   | 3.344                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20025   | 75RB#0           | 13.497                   | 14.96                | PASS    |
| Band4 | 15MHz     | QPSK       | 20175   | 75RB#0           | 13.526                   | 15.33                | PASS    |



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|       |       |       |       |        |        |       |      |
|-------|-------|-------|-------|--------|--------|-------|------|
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | 13.498 | 14.95 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0 | 13.488 | 15.70 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0 | 13.503 | 15.05 | PASS |

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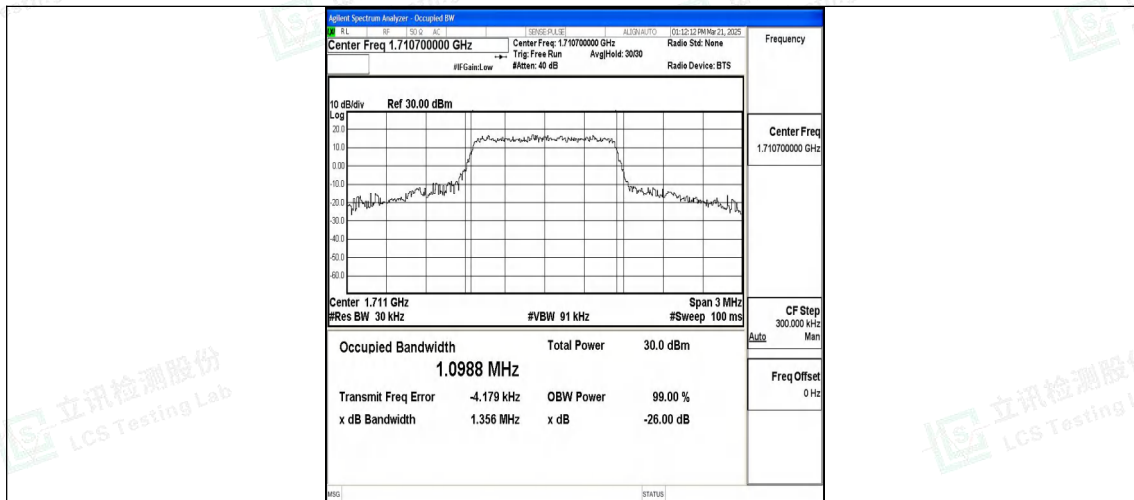
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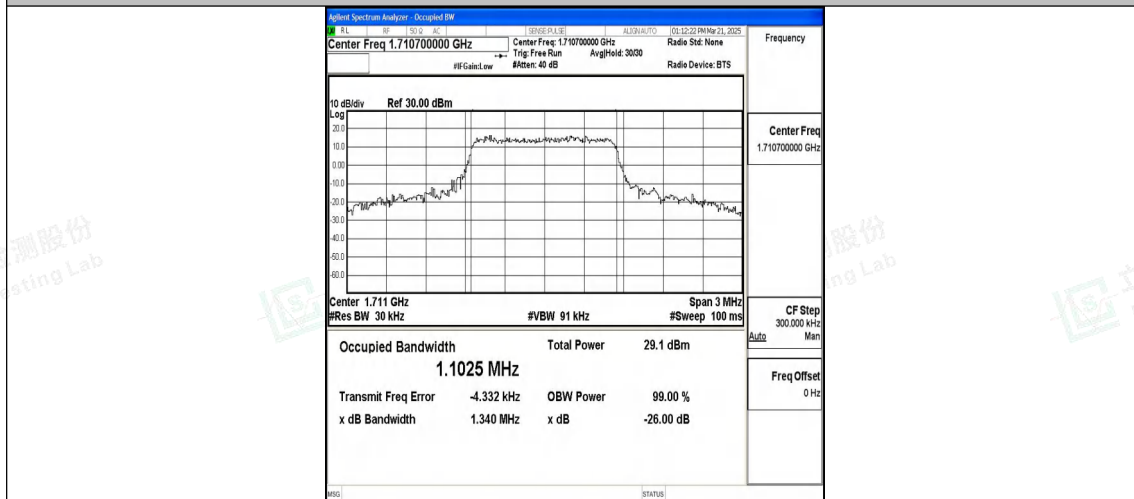
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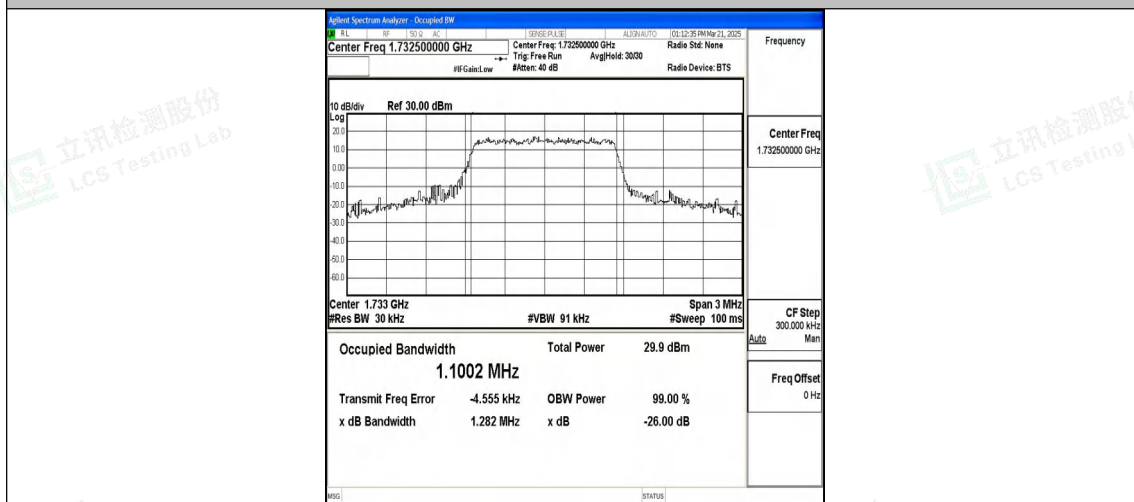
## Test Graphs



Band4-1.4MHz-QPSK-19957-6RB#0-PASS



Band4-1.4MHz-16QAM-19957-6RB#0-PASS



Band4-1.4MHz-QPSK-20175-6RB#0-PASS

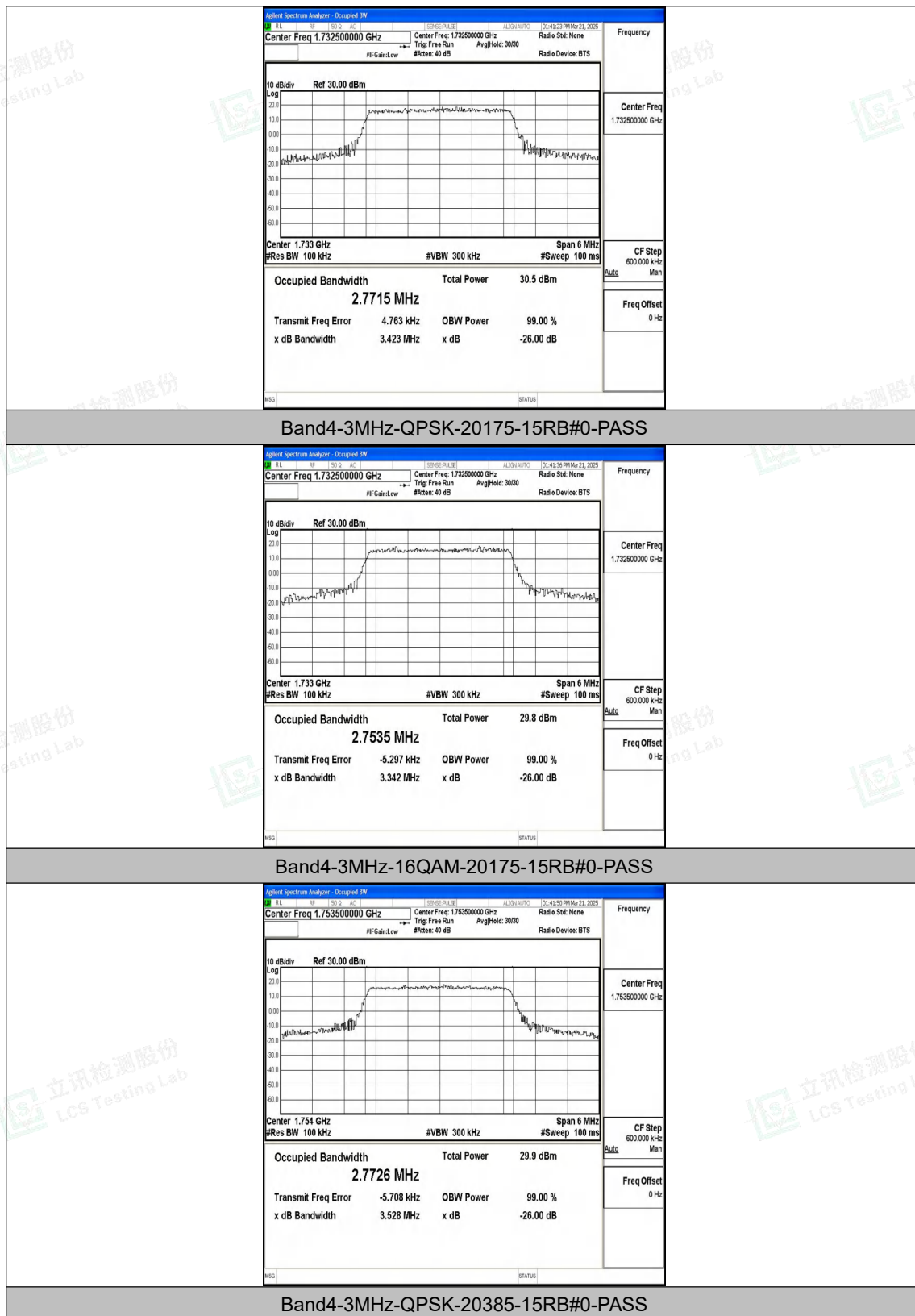


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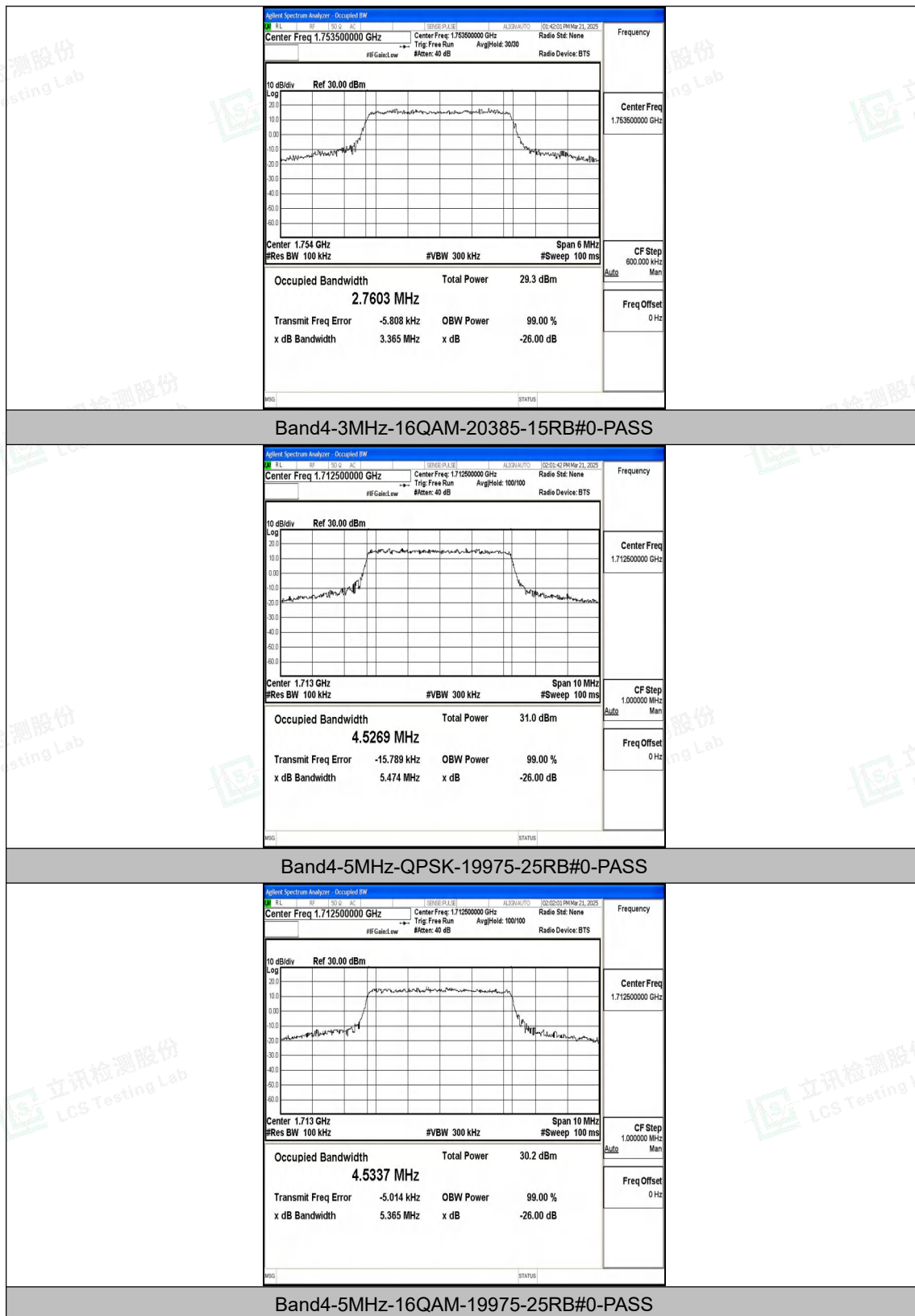


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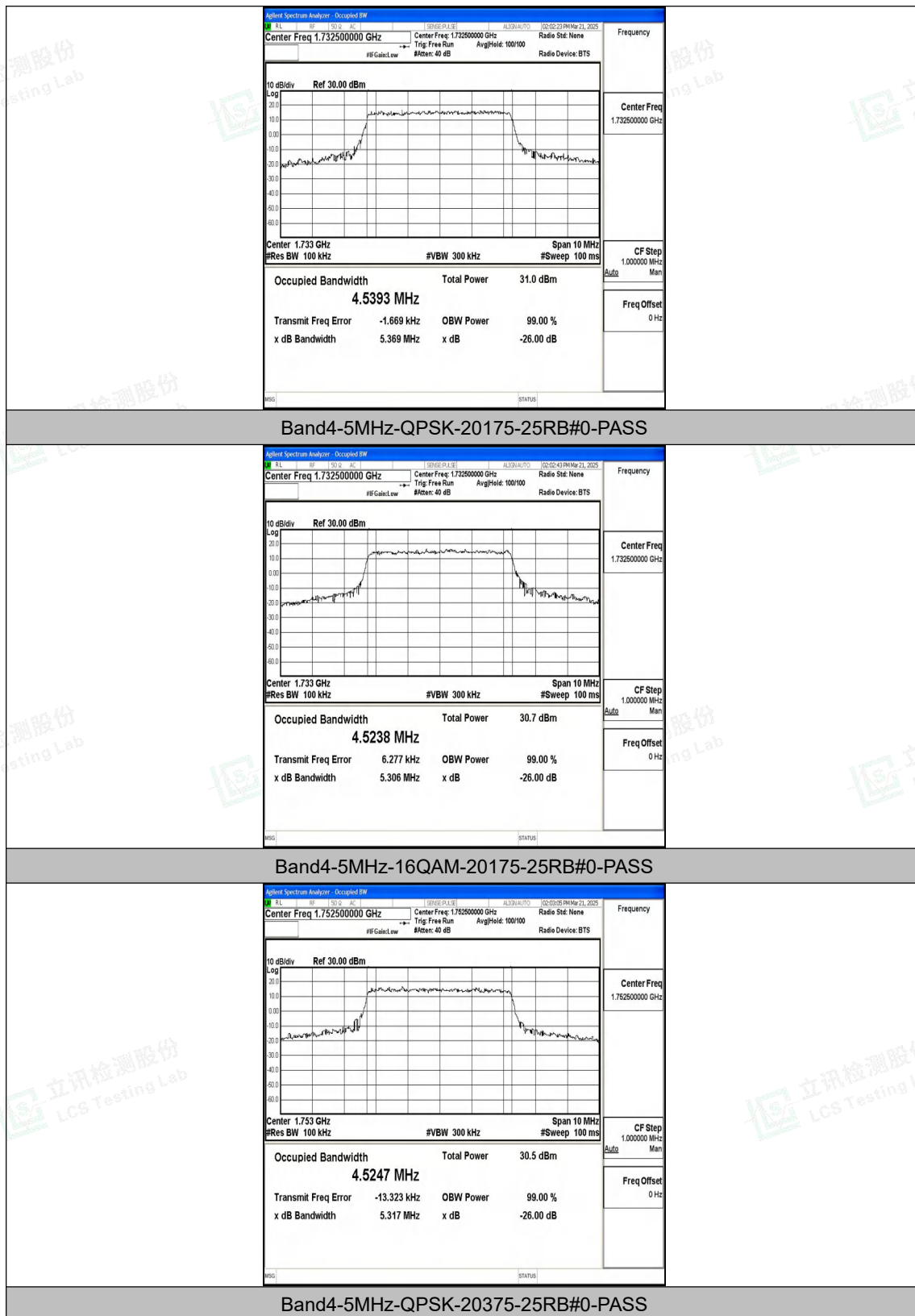


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