



## Appendix O: Test Data for E-UTRA Band 66

Product Name: Mobile phone

Test Model: F31tx

### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 23.9° C   |
| Relative Humidity: | 52.3%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Jay Luo   |
| Supervised by:     | Nick Peng |





## O.1 Conducted Output Power Data

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band66 | 1.4MHz    | QPSK       | 131979  | 1RB#0            | 20.78       | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 1RB#0            | 19.90       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 1RB#2            | 20.81       | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 1RB#2            | 19.22       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 1RB#5            | 20.72       | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 1RB#5            | 19.29       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 3RB#0            | 20.75       | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 3RB#0            | 19.84       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 3RB#1            | 20.72       | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 3RB#1            | 20.02       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 3RB#3            | 20.87       | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 3RB#3            | 19.92       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 6RB#0            | 19.87       | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 6RB#0            | 19.24       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 1RB#0            | 21.61       | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 1RB#0            | 21.02       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 1RB#2            | 21.59       | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 1RB#2            | 21.23       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 1RB#5            | 21.64       | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 1RB#5            | 21.28       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 3RB#0            | 21.88       | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 3RB#0            | 20.81       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 3RB#1            | 21.87       | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 3RB#1            | 20.57       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 3RB#3            | 21.73       | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 3RB#3            | 20.61       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 6RB#0            | 20.98       | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 6RB#0            | 20.25       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 1RB#0            | 22.75       | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 1RB#0            | 22.08       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 1RB#2            | 22.76       | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 1RB#2            | 22.09       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 1RB#5            | 22.72       | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 1RB#5            | 22.07       | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 3RB#0            | 22.88       | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 3RB#0            | 21.81       | PASS    |



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|        |        |       |        |        |       |      |
|--------|--------|-------|--------|--------|-------|------|
| Band66 | 1.4MHz | QPSK  | 132665 | 3RB#1  | 22.87 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 3RB#1  | 21.84 | PASS |
| Band66 | 1.4MHz | QPSK  | 132665 | 3RB#3  | 22.86 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 3RB#3  | 21.88 | PASS |
| Band66 | 1.4MHz | QPSK  | 132665 | 6RB#0  | 22.00 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 6RB#0  | 21.20 | PASS |
| Band66 | 3MHz   | QPSK  | 131987 | 1RB#0  | 22.97 | PASS |
| Band66 | 3MHz   | 16QAM | 131987 | 1RB#0  | 22.22 | PASS |
| Band66 | 3MHz   | QPSK  | 131987 | 1RB#8  | 23.00 | PASS |
| Band66 | 3MHz   | 16QAM | 131987 | 1RB#8  | 22.23 | PASS |
| Band66 | 3MHz   | QPSK  | 131987 | 1RB#14 | 23.00 | PASS |
| Band66 | 3MHz   | 16QAM | 131987 | 1RB#14 | 22.18 | PASS |
| Band66 | 3MHz   | QPSK  | 131987 | 8RB#0  | 22.30 | PASS |
| Band66 | 3MHz   | 16QAM | 131987 | 8RB#0  | 21.62 | PASS |
| Band66 | 3MHz   | QPSK  | 131987 | 8RB#4  | 22.33 | PASS |
| Band66 | 3MHz   | 16QAM | 131987 | 8RB#4  | 21.62 | PASS |
| Band66 | 3MHz   | QPSK  | 131987 | 8RB#7  | 22.23 | PASS |
| Band66 | 3MHz   | 16QAM | 131987 | 8RB#7  | 21.49 | PASS |
| Band66 | 3MHz   | QPSK  | 131987 | 15RB#0 | 22.22 | PASS |
| Band66 | 3MHz   | 16QAM | 131987 | 15RB#0 | 21.42 | PASS |
| Band66 | 3MHz   | QPSK  | 132322 | 1RB#0  | 23.13 | PASS |
| Band66 | 3MHz   | 16QAM | 132322 | 1RB#0  | 21.99 | PASS |
| Band66 | 3MHz   | QPSK  | 132322 | 1RB#8  | 23.08 | PASS |
| Band66 | 3MHz   | 16QAM | 132322 | 1RB#8  | 22.00 | PASS |
| Band66 | 3MHz   | QPSK  | 132322 | 1RB#14 | 23.10 | PASS |
| Band66 | 3MHz   | 16QAM | 132322 | 1RB#14 | 21.92 | PASS |
| Band66 | 3MHz   | QPSK  | 132322 | 8RB#0  | 22.20 | PASS |
| Band66 | 3MHz   | 16QAM | 132322 | 8RB#0  | 21.63 | PASS |
| Band66 | 3MHz   | QPSK  | 132322 | 8RB#4  | 22.21 | PASS |
| Band66 | 3MHz   | 16QAM | 132322 | 8RB#4  | 21.53 | PASS |
| Band66 | 3MHz   | QPSK  | 132322 | 8RB#7  | 22.25 | PASS |
| Band66 | 3MHz   | 16QAM | 132322 | 8RB#7  | 21.67 | PASS |
| Band66 | 3MHz   | QPSK  | 132322 | 15RB#0 | 22.26 | PASS |
| Band66 | 3MHz   | 16QAM | 132322 | 15RB#0 | 21.23 | PASS |
| Band66 | 3MHz   | QPSK  | 132657 | 1RB#0  | 22.86 | PASS |
| Band66 | 3MHz   | 16QAM | 132657 | 1RB#0  | 21.99 | PASS |
| Band66 | 3MHz   | QPSK  | 132657 | 1RB#8  | 22.83 | PASS |
| Band66 | 3MHz   | 16QAM | 132657 | 1RB#8  | 21.98 | PASS |
| Band66 | 3MHz   | QPSK  | 132657 | 1RB#14 | 22.75 | PASS |
| Band66 | 3MHz   | 16QAM | 132657 | 1RB#14 | 21.96 | PASS |
| Band66 | 3MHz   | QPSK  | 132657 | 8RB#0  | 22.16 | PASS |
| Band66 | 3MHz   | 16QAM | 132657 | 8RB#0  | 21.25 | PASS |



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|--------|------|-------|--------|---------|-------|------|
| Band66 | 3MHz | QPSK  | 132657 | 8RB#4   | 22.03 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 8RB#4   | 21.37 | PASS |
| Band66 | 3MHz | QPSK  | 132657 | 8RB#7   | 22.03 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 8RB#7   | 21.31 | PASS |
| Band66 | 3MHz | QPSK  | 132657 | 15RB#0  | 21.99 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 15RB#0  | 21.22 | PASS |
| Band66 | 5MHz | QPSK  | 131997 | 1RB#0   | 23.13 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 1RB#0   | 21.78 | PASS |
| Band66 | 5MHz | QPSK  | 131997 | 1RB#12  | 23.10 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 1RB#12  | 21.78 | PASS |
| Band66 | 5MHz | QPSK  | 131997 | 1RB#24  | 23.09 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 1RB#24  | 21.76 | PASS |
| Band66 | 5MHz | QPSK  | 131997 | 12RB#0  | 22.28 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 12RB#0  | 21.46 | PASS |
| Band66 | 5MHz | QPSK  | 131997 | 12RB#6  | 22.29 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 12RB#6  | 21.45 | PASS |
| Band66 | 5MHz | QPSK  | 131997 | 12RB#13 | 22.22 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 12RB#13 | 21.36 | PASS |
| Band66 | 5MHz | QPSK  | 131997 | 25RB#0  | 22.22 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 25RB#0  | 21.50 | PASS |
| Band66 | 5MHz | QPSK  | 132322 | 1RB#0   | 22.90 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 1RB#0   | 22.44 | PASS |
| Band66 | 5MHz | QPSK  | 132322 | 1RB#12  | 22.90 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 1RB#12  | 21.99 | PASS |
| Band66 | 5MHz | QPSK  | 132322 | 1RB#24  | 23.11 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 1RB#24  | 22.00 | PASS |
| Band66 | 5MHz | QPSK  | 132322 | 12RB#0  | 22.26 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 12RB#0  | 21.41 | PASS |
| Band66 | 5MHz | QPSK  | 132322 | 12RB#6  | 22.26 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 12RB#6  | 21.54 | PASS |
| Band66 | 5MHz | QPSK  | 132322 | 12RB#13 | 22.25 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 12RB#13 | 21.44 | PASS |
| Band66 | 5MHz | QPSK  | 132322 | 25RB#0  | 22.34 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 25RB#0  | 21.52 | PASS |
| Band66 | 5MHz | QPSK  | 132647 | 1RB#0   | 22.90 | PASS |
| Band66 | 5MHz | 16QAM | 132647 | 1RB#0   | 21.54 | PASS |
| Band66 | 5MHz | QPSK  | 132647 | 1RB#12  | 22.86 | PASS |
| Band66 | 5MHz | 16QAM | 132647 | 1RB#12  | 21.60 | PASS |
| Band66 | 5MHz | QPSK  | 132647 | 1RB#24  | 22.83 | PASS |
| Band66 | 5MHz | 16QAM | 132647 | 1RB#24  | 21.60 | PASS |
| Band66 | 5MHz | QPSK  | 132647 | 12RB#0  | 22.12 | PASS |
| Band66 | 5MHz | 16QAM | 132647 | 12RB#0  | 21.24 | PASS |



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|--------|-------|-------|--------|---------|-------|------|
| Band66 | 5MHz  | QPSK  | 132647 | 12RB#6  | 22.09 | PASS |
| Band66 | 5MHz  | 16QAM | 132647 | 12RB#6  | 21.24 | PASS |
| Band66 | 5MHz  | QPSK  | 132647 | 12RB#13 | 22.06 | PASS |
| Band66 | 5MHz  | 16QAM | 132647 | 12RB#13 | 21.22 | PASS |
| Band66 | 5MHz  | QPSK  | 132647 | 25RB#0  | 21.99 | PASS |
| Band66 | 5MHz  | 16QAM | 132647 | 25RB#0  | 21.29 | PASS |
| Band66 | 10MHz | QPSK  | 132022 | 1RB#0   | 22.64 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 1RB#0   | 21.90 | PASS |
| Band66 | 10MHz | QPSK  | 132022 | 1RB#24  | 22.64 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 1RB#24  | 21.97 | PASS |
| Band66 | 10MHz | QPSK  | 132022 | 1RB#49  | 22.67 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 1RB#49  | 21.82 | PASS |
| Band66 | 10MHz | QPSK  | 132022 | 25RB#0  | 21.94 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 25RB#0  | 20.98 | PASS |
| Band66 | 10MHz | QPSK  | 132022 | 25RB#12 | 21.94 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 25RB#12 | 20.95 | PASS |
| Band66 | 10MHz | QPSK  | 132022 | 25RB#25 | 21.88 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 25RB#25 | 20.99 | PASS |
| Band66 | 10MHz | QPSK  | 132022 | 50RB#0  | 21.86 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 50RB#0  | 21.13 | PASS |
| Band66 | 10MHz | QPSK  | 132322 | 1RB#0   | 22.83 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 1RB#0   | 21.83 | PASS |
| Band66 | 10MHz | QPSK  | 132322 | 1RB#24  | 22.93 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 1RB#24  | 21.81 | PASS |
| Band66 | 10MHz | QPSK  | 132322 | 1RB#49  | 22.85 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 1RB#49  | 21.68 | PASS |
| Band66 | 10MHz | QPSK  | 132322 | 25RB#0  | 21.81 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 25RB#0  | 21.25 | PASS |
| Band66 | 10MHz | QPSK  | 132322 | 25RB#12 | 22.07 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 25RB#12 | 21.23 | PASS |
| Band66 | 10MHz | QPSK  | 132322 | 25RB#25 | 21.95 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 25RB#25 | 21.20 | PASS |
| Band66 | 10MHz | QPSK  | 132322 | 50RB#0  | 21.89 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 50RB#0  | 21.09 | PASS |
| Band66 | 10MHz | QPSK  | 132622 | 1RB#0   | 22.70 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 1RB#0   | 21.99 | PASS |
| Band66 | 10MHz | QPSK  | 132622 | 1RB#24  | 22.67 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 1RB#24  | 21.94 | PASS |
| Band66 | 10MHz | QPSK  | 132622 | 1RB#49  | 22.56 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 1RB#49  | 21.86 | PASS |
| Band66 | 10MHz | QPSK  | 132622 | 25RB#0  | 21.92 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 25RB#0  | 21.06 | PASS |



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|--------|-------|-------|--------|---------|-------|------|
| Band66 | 10MHz | QPSK  | 132622 | 25RB#12 | 21.89 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 25RB#12 | 21.03 | PASS |
| Band66 | 10MHz | QPSK  | 132622 | 25RB#25 | 21.83 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 25RB#25 | 21.01 | PASS |
| Band66 | 10MHz | QPSK  | 132622 | 50RB#0  | 21.99 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 50RB#0  | 21.04 | PASS |
| Band66 | 15MHz | QPSK  | 132047 | 1RB#0   | 22.84 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 1RB#0   | 22.12 | PASS |
| Band66 | 15MHz | QPSK  | 132047 | 1RB#38  | 22.86 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 1RB#38  | 22.11 | PASS |
| Band66 | 15MHz | QPSK  | 132047 | 1RB#74  | 22.79 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 1RB#74  | 22.11 | PASS |
| Band66 | 15MHz | QPSK  | 132047 | 38RB#0  | 22.17 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 38RB#0  | 22.17 | PASS |
| Band66 | 15MHz | QPSK  | 132047 | 38RB#18 | 22.17 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 38RB#18 | 22.16 | PASS |
| Band66 | 15MHz | QPSK  | 132047 | 38RB#37 | 22.16 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 38RB#37 | 22.15 | PASS |
| Band66 | 15MHz | QPSK  | 132047 | 75RB#0  | 22.15 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 75RB#0  | 21.32 | PASS |
| Band66 | 15MHz | QPSK  | 132322 | 1RB#0   | 22.79 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 1RB#0   | 22.22 | PASS |
| Band66 | 15MHz | QPSK  | 132322 | 1RB#38  | 22.77 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 1RB#38  | 22.18 | PASS |
| Band66 | 15MHz | QPSK  | 132322 | 1RB#74  | 22.70 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 1RB#74  | 22.13 | PASS |
| Band66 | 15MHz | QPSK  | 132322 | 38RB#0  | 22.12 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 38RB#0  | 22.12 | PASS |
| Band66 | 15MHz | QPSK  | 132322 | 38RB#18 | 22.11 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 38RB#18 | 22.10 | PASS |
| Band66 | 15MHz | QPSK  | 132322 | 38RB#37 | 22.10 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 38RB#37 | 22.10 | PASS |
| Band66 | 15MHz | QPSK  | 132322 | 75RB#0  | 22.10 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 75RB#0  | 21.35 | PASS |
| Band66 | 15MHz | QPSK  | 132597 | 1RB#0   | 22.88 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 1RB#0   | 22.09 | PASS |
| Band66 | 15MHz | QPSK  | 132597 | 1RB#38  | 22.75 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 1RB#38  | 22.02 | PASS |
| Band66 | 15MHz | QPSK  | 132597 | 1RB#74  | 22.65 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 1RB#74  | 21.85 | PASS |
| Band66 | 15MHz | QPSK  | 132597 | 38RB#0  | 22.03 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 38RB#0  | 22.01 | PASS |



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|--------|-------|-------|--------|---------|-------|------|
| Band66 | 15MHz | QPSK  | 132597 | 38RB#18 | 22.01 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 38RB#18 | 22.00 | PASS |
| Band66 | 15MHz | QPSK  | 132597 | 38RB#37 | 21.99 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 38RB#37 | 21.99 | PASS |
| Band66 | 15MHz | QPSK  | 132597 | 75RB#0  | 21.99 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 75RB#0  | 21.17 | PASS |
| Band66 | 20MHz | QPSK  | 132072 | 1RB#0   | 23.31 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 1RB#0   | 22.07 | PASS |
| Band66 | 20MHz | QPSK  | 132072 | 1RB#49  | 23.23 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 1RB#49  | 22.02 | PASS |
| Band66 | 20MHz | QPSK  | 132072 | 1RB#99  | 22.87 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 1RB#99  | 21.93 | PASS |
| Band66 | 20MHz | QPSK  | 132072 | 50RB#0  | 22.20 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 50RB#0  | 21.44 | PASS |
| Band66 | 20MHz | QPSK  | 132072 | 50RB#25 | 22.13 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 50RB#25 | 21.44 | PASS |
| Band66 | 20MHz | QPSK  | 132072 | 50RB#50 | 22.08 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 50RB#50 | 21.38 | PASS |
| Band66 | 20MHz | QPSK  | 132072 | 100RB#0 | 22.19 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 100RB#0 | 21.31 | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 1RB#0   | 23.00 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 1RB#0   | 22.70 | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 1RB#49  | 23.04 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 1RB#49  | 22.62 | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 1RB#99  | 23.06 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 1RB#99  | 22.49 | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 50RB#0  | 22.11 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 50RB#0  | 21.45 | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 50RB#25 | 22.23 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 50RB#25 | 21.45 | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 50RB#50 | 22.15 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 50RB#50 | 21.35 | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 100RB#0 | 22.18 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 100RB#0 | 21.41 | PASS |
| Band66 | 20MHz | QPSK  | 132572 | 1RB#0   | 23.22 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 1RB#0   | 22.01 | PASS |
| Band66 | 20MHz | QPSK  | 132572 | 1RB#49  | 23.18 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 1RB#49  | 22.07 | PASS |
| Band66 | 20MHz | QPSK  | 132572 | 1RB#99  | 23.00 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 1RB#99  | 21.86 | PASS |
| Band66 | 20MHz | QPSK  | 132572 | 50RB#0  | 22.02 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 50RB#0  | 21.38 | PASS |



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|        |       |       |        |         |       |      |
|--------|-------|-------|--------|---------|-------|------|
| Band66 | 20MHz | QPSK  | 132572 | 50RB#25 | 22.17 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 50RB#25 | 21.37 | PASS |
| Band66 | 20MHz | QPSK  | 132572 | 50RB#50 | 22.03 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 50RB#50 | 21.26 | PASS |
| Band66 | 20MHz | QPSK  | 132572 | 100RB#0 | 22.15 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 100RB#0 | 21.21 | PASS |





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

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band66 | 1.4MHz    | QPSK       | 131979  | 1RB#0            | 3.53       | 13        | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 1RB#0            | 4.15       | 13        | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 6RB#0            | 4.31       | 13        | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 6RB#0            | 4.99       | 13        | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 1RB#0            | 3.26       | 13        | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 1RB#0            | 3.81       | 13        | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 6RB#0            | 4.25       | 13        | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 6RB#0            | 4.94       | 13        | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 1RB#0            | 2.68       | 13        | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 1RB#0            | 3.48       | 13        | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 6RB#0            | 3.77       | 13        | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 6RB#0            | 4.56       | 13        | PASS    |
| Band66 | 3MHz      | QPSK       | 131987  | 1RB#0            | 3.52       | 13        | PASS    |
| Band66 | 3MHz      | 16QAM      | 131987  | 1RB#0            | 4.29       | 13        | PASS    |
| Band66 | 3MHz      | QPSK       | 131987  | 15RB#0           | 4.34       | 13        | PASS    |
| Band66 | 3MHz      | 16QAM      | 131987  | 15RB#0           | 5.03       | 13        | PASS    |
| Band66 | 3MHz      | QPSK       | 132322  | 1RB#0            | 3.40       | 13        | PASS    |
| Band66 | 3MHz      | 16QAM      | 132322  | 1RB#0            | 4.18       | 13        | PASS    |
| Band66 | 3MHz      | QPSK       | 132322  | 15RB#0           | 4.22       | 13        | PASS    |
| Band66 | 3MHz      | 16QAM      | 132322  | 15RB#0           | 5.00       | 13        | PASS    |
| Band66 | 3MHz      | QPSK       | 132657  | 1RB#0            | 2.99       | 13        | PASS    |
| Band66 | 3MHz      | 16QAM      | 132657  | 1RB#0            | 3.95       | 13        | PASS    |
| Band66 | 3MHz      | QPSK       | 132657  | 15RB#0           | 3.91       | 13        | PASS    |
| Band66 | 3MHz      | 16QAM      | 132657  | 15RB#0           | 4.74       | 13        | PASS    |
| Band66 | 5MHz      | QPSK       | 131997  | 1RB#0            | 3.62       | 13        | PASS    |
| Band66 | 5MHz      | 16QAM      | 131997  | 1RB#0            | 4.43       | 13        | PASS    |
| Band66 | 5MHz      | QPSK       | 131997  | 25RB#0           | 4.88       | 13        | PASS    |
| Band66 | 5MHz      | 16QAM      | 131997  | 25RB#0           | 5.42       | 13        | PASS    |
| Band66 | 5MHz      | QPSK       | 132322  | 1RB#0            | 3.42       | 13        | PASS    |
| Band66 | 5MHz      | 16QAM      | 132322  | 1RB#0            | 4.40       | 13        | PASS    |
| Band66 | 5MHz      | QPSK       | 132322  | 25RB#0           | 4.77       | 13        | PASS    |
| Band66 | 5MHz      | 16QAM      | 132322  | 25RB#0           | 5.36       | 13        | PASS    |
| Band66 | 5MHz      | QPSK       | 132647  | 1RB#0            | 3.53       | 13        | PASS    |
| Band66 | 5MHz      | 16QAM      | 132647  | 1RB#0            | 4.61       | 13        | PASS    |
| Band66 | 5MHz      | QPSK       | 132647  | 25RB#0           | 4.66       | 13        | PASS    |
| Band66 | 5MHz      | 16QAM      | 132647  | 25RB#0           | 5.35       | 13        | PASS    |
| Band66 | 10MHz     | QPSK       | 132022  | 1RB#0            | 3.68       | 13        | PASS    |



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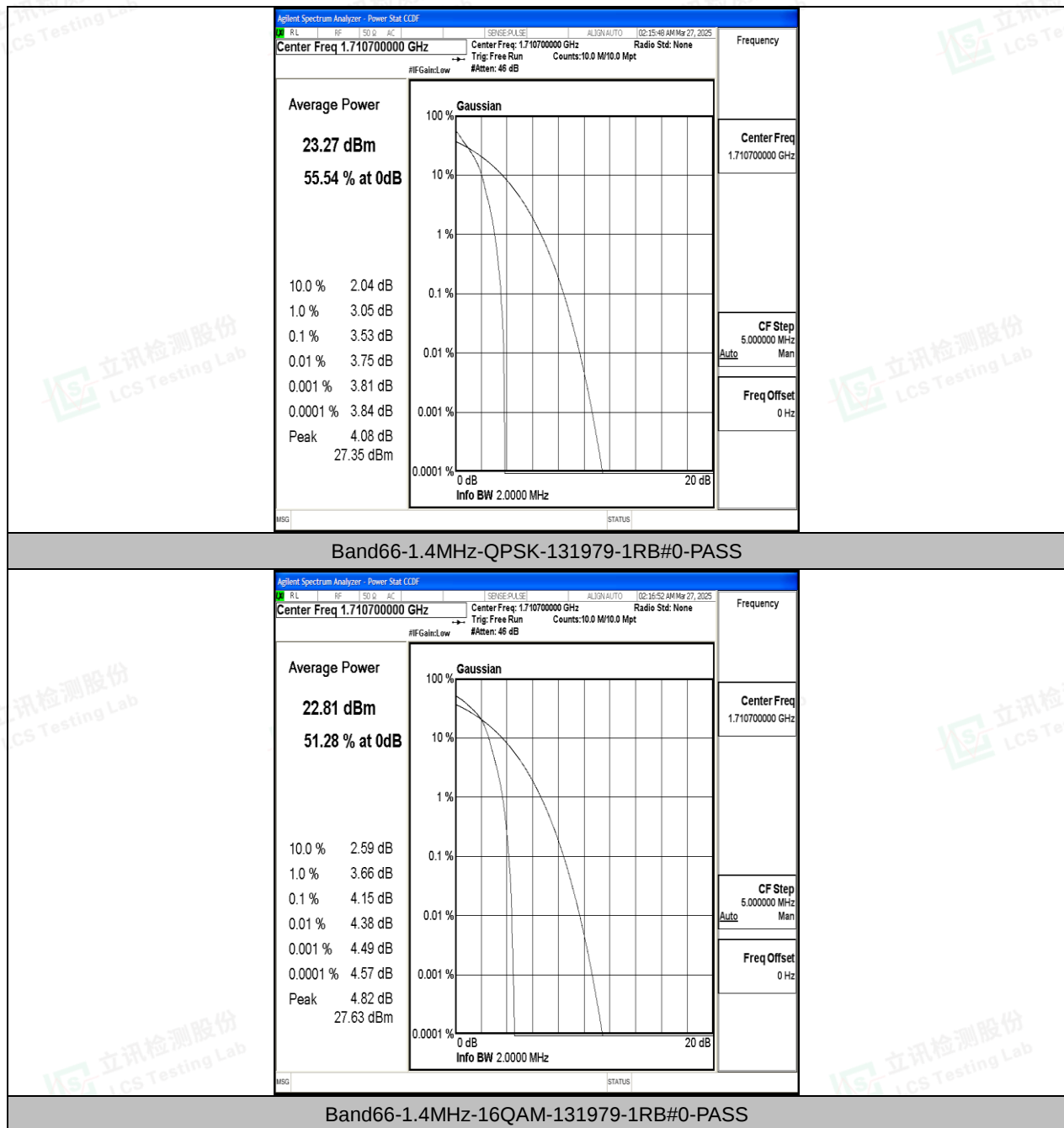


|        |       |       |        |         |      |    |      |
|--------|-------|-------|--------|---------|------|----|------|
| Band66 | 10MHz | 16QAM | 132022 | 1RB#0   | 4.39 | 13 | PASS |
| Band66 | 10MHz | QPSK  | 132022 | 50RB#0  | 5.03 | 13 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 50RB#0  | 5.65 | 13 | PASS |
| Band66 | 10MHz | QPSK  | 132322 | 1RB#0   | 3.58 | 13 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 1RB#0   | 4.38 | 13 | PASS |
| Band66 | 10MHz | QPSK  | 132322 | 50RB#0  | 4.83 | 13 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 50RB#0  | 5.50 | 13 | PASS |
| Band66 | 10MHz | QPSK  | 132622 | 1RB#0   | 4.06 | 13 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 1RB#0   | 4.90 | 13 | PASS |
| Band66 | 10MHz | QPSK  | 132622 | 50RB#0  | 5.03 | 13 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 50RB#0  | 5.74 | 13 | PASS |
| Band66 | 15MHz | QPSK  | 132047 | 1RB#0   | 3.57 | 13 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 1RB#0   | 4.32 | 13 | PASS |
| Band66 | 15MHz | QPSK  | 132047 | 75RB#0  | 5.29 | 13 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 75RB#0  | 5.75 | 13 | PASS |
| Band66 | 15MHz | QPSK  | 132322 | 1RB#0   | 3.50 | 13 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 1RB#0   | 4.31 | 13 | PASS |
| Band66 | 15MHz | QPSK  | 132322 | 75RB#0  | 4.98 | 13 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 75RB#0  | 5.53 | 13 | PASS |
| Band66 | 15MHz | QPSK  | 132597 | 1RB#0   | 4.01 | 13 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 1RB#0   | 4.86 | 13 | PASS |
| Band66 | 15MHz | QPSK  | 132597 | 75RB#0  | 5.21 | 13 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 75RB#0  | 5.80 | 13 | PASS |
| Band66 | 20MHz | QPSK  | 132072 | 1RB#0   | 3.32 | 13 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 1RB#0   | 4.15 | 13 | PASS |
| Band66 | 20MHz | QPSK  | 132072 | 100RB#0 | 5.08 | 13 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 100RB#0 | 5.70 | 13 | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 1RB#0   | 3.17 | 13 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 1RB#0   | 4.52 | 13 | PASS |
| Band66 | 20MHz | QPSK  | 132322 | 100RB#0 | 4.68 | 13 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 100RB#0 | 5.40 | 13 | PASS |
| Band66 | 20MHz | QPSK  | 132572 | 1RB#0   | 3.71 | 13 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 1RB#0   | 4.56 | 13 | PASS |
| Band66 | 20MHz | QPSK  | 132572 | 100RB#0 | 5.00 | 13 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 100RB#0 | 5.74 | 13 | PASS |





## Test Graphs

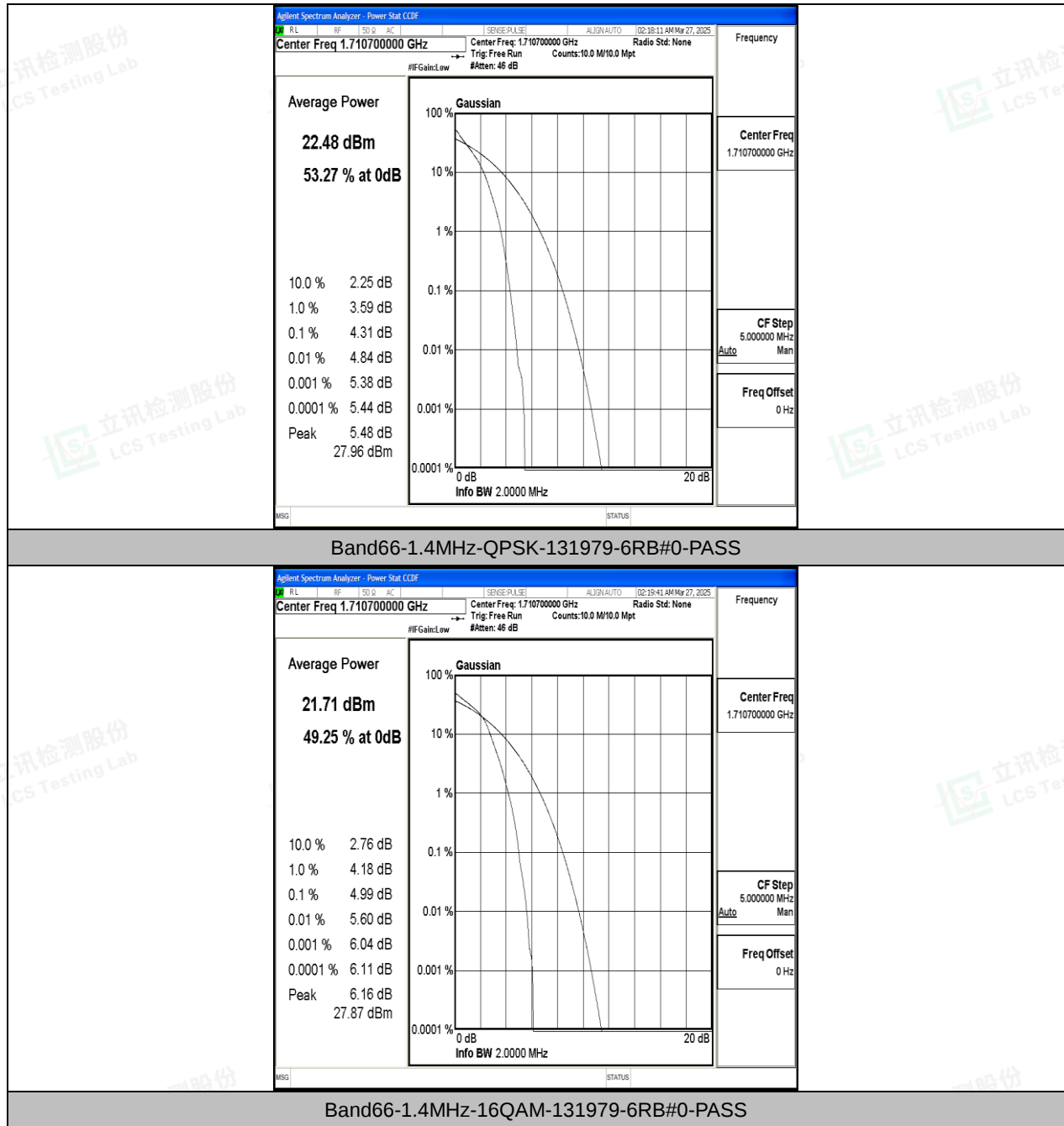


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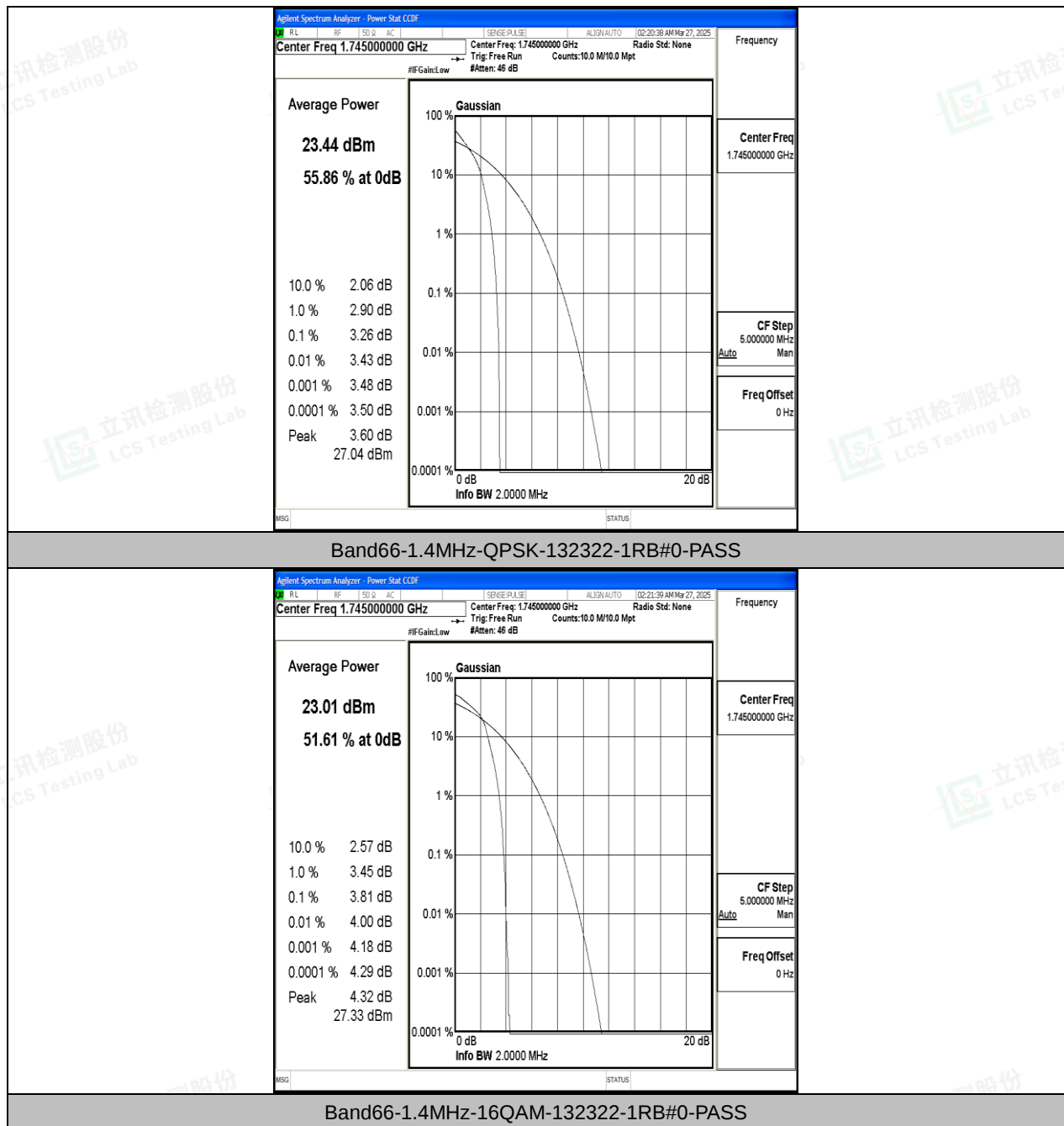


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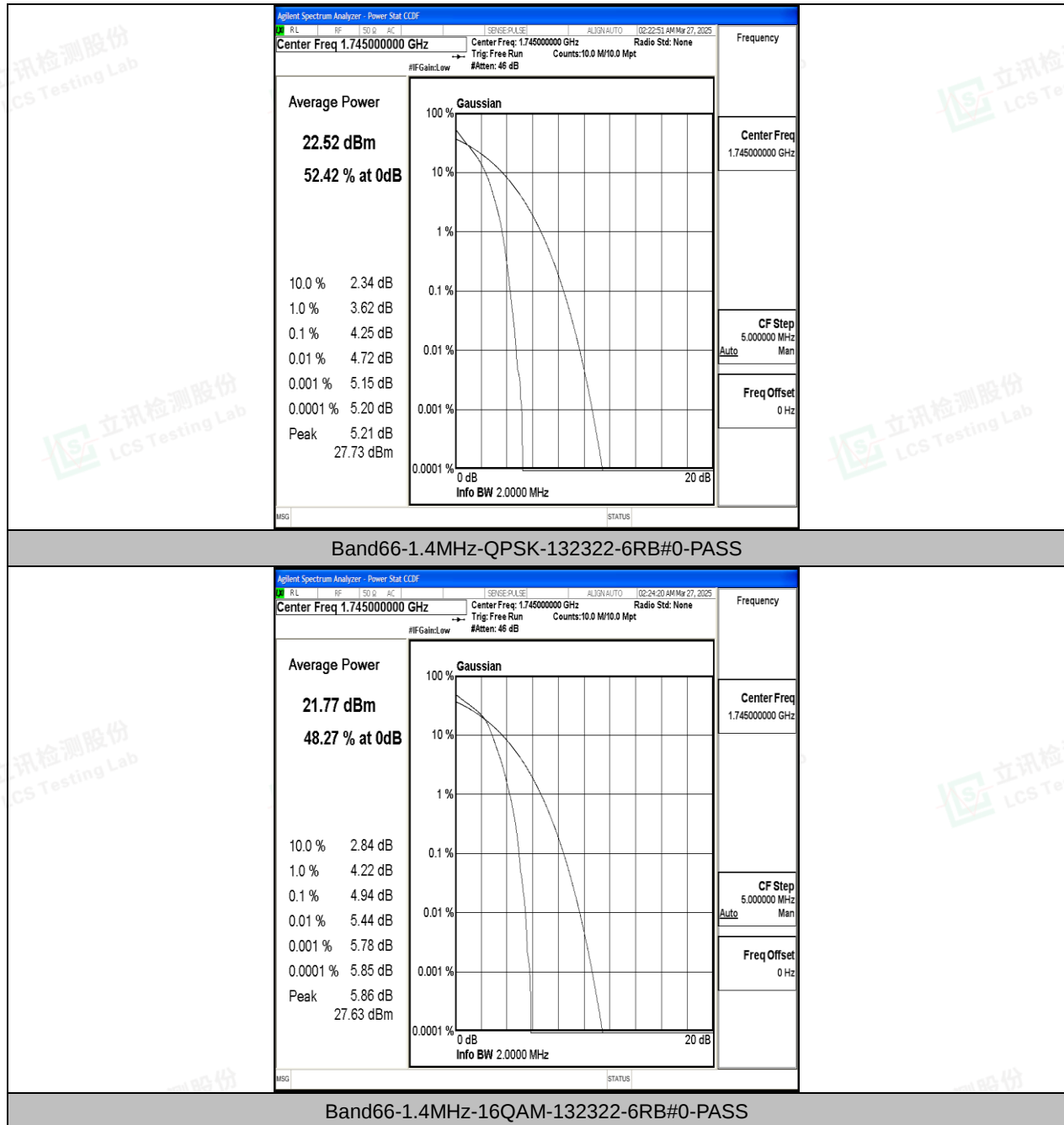


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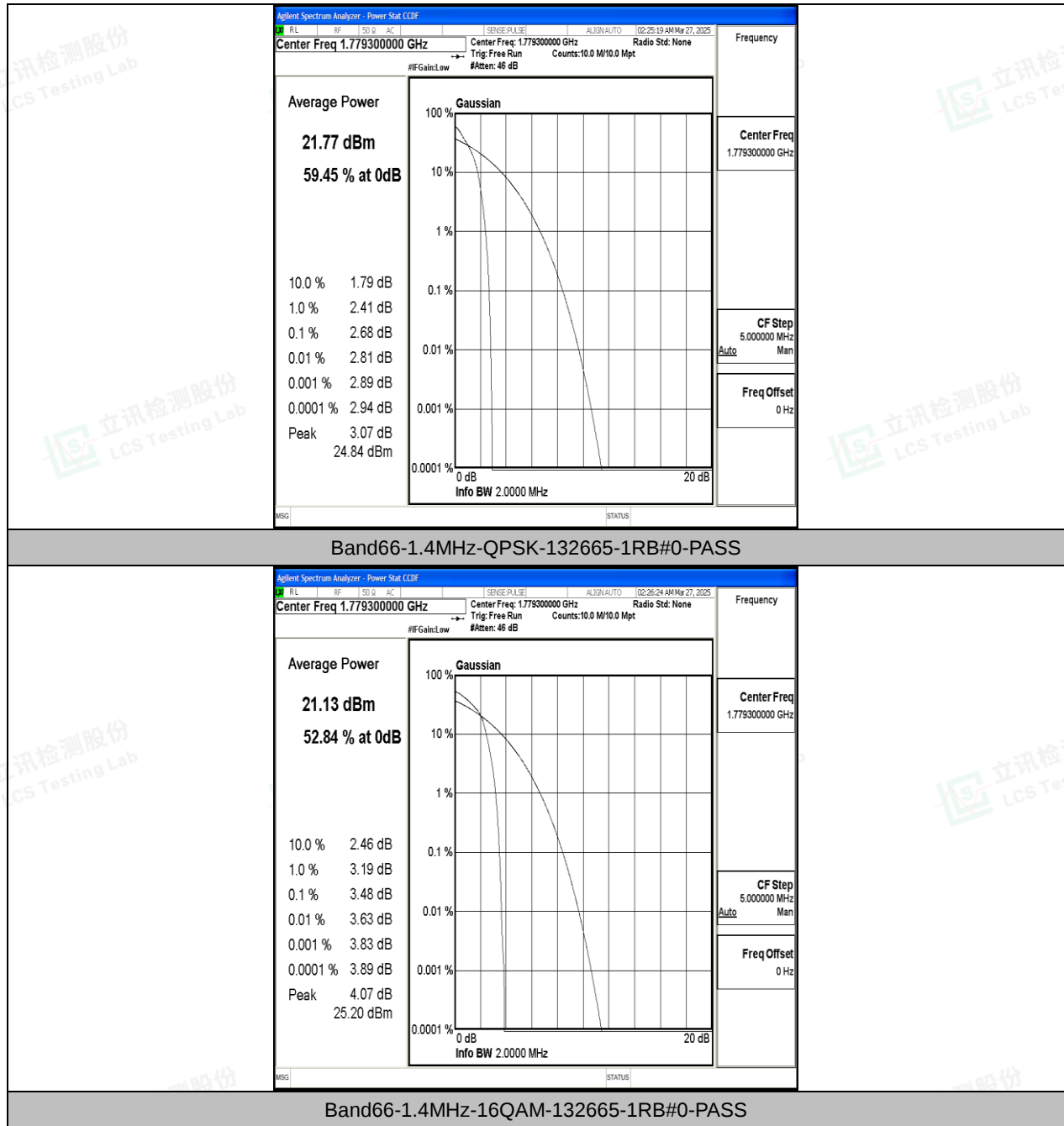


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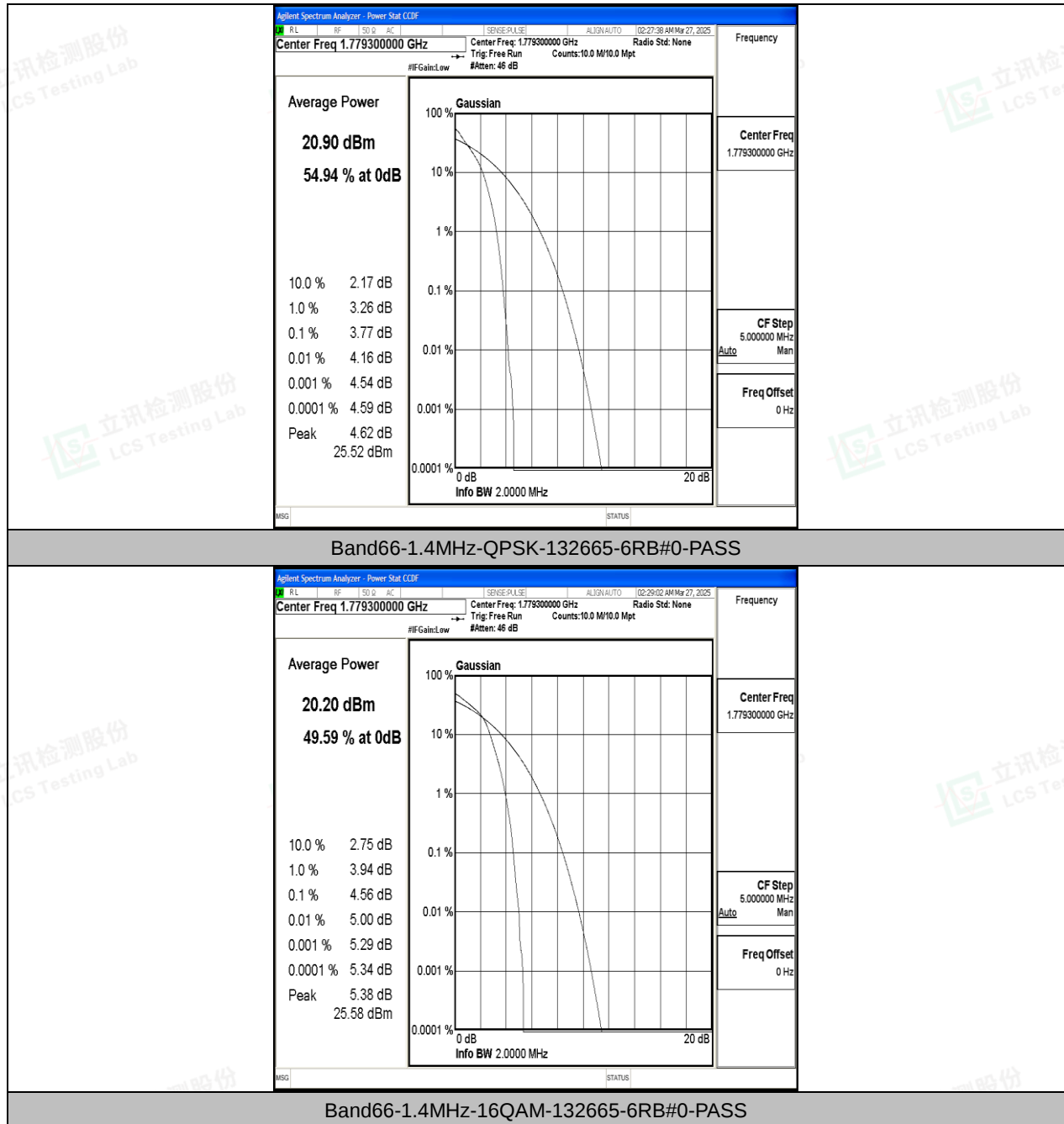


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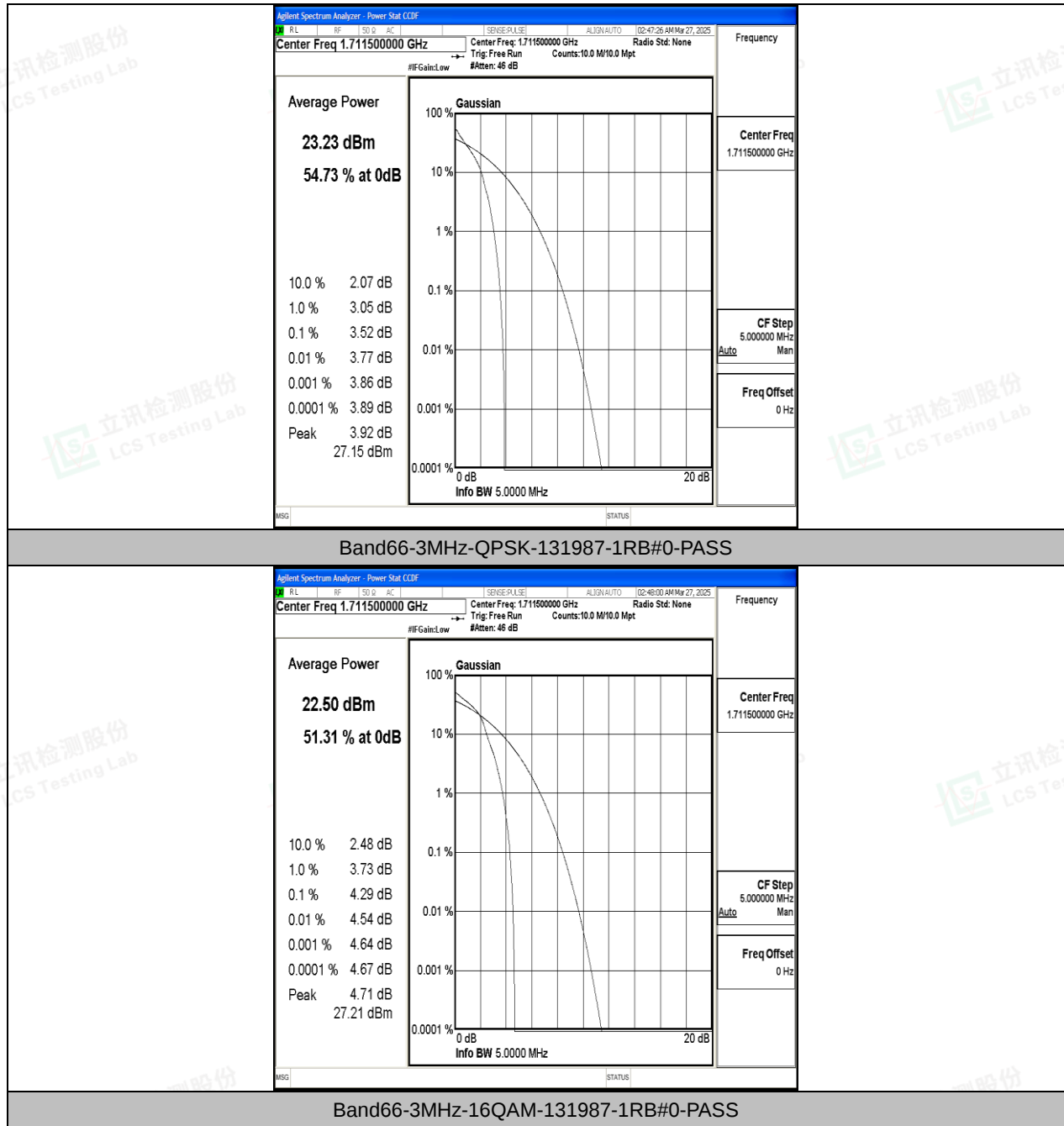


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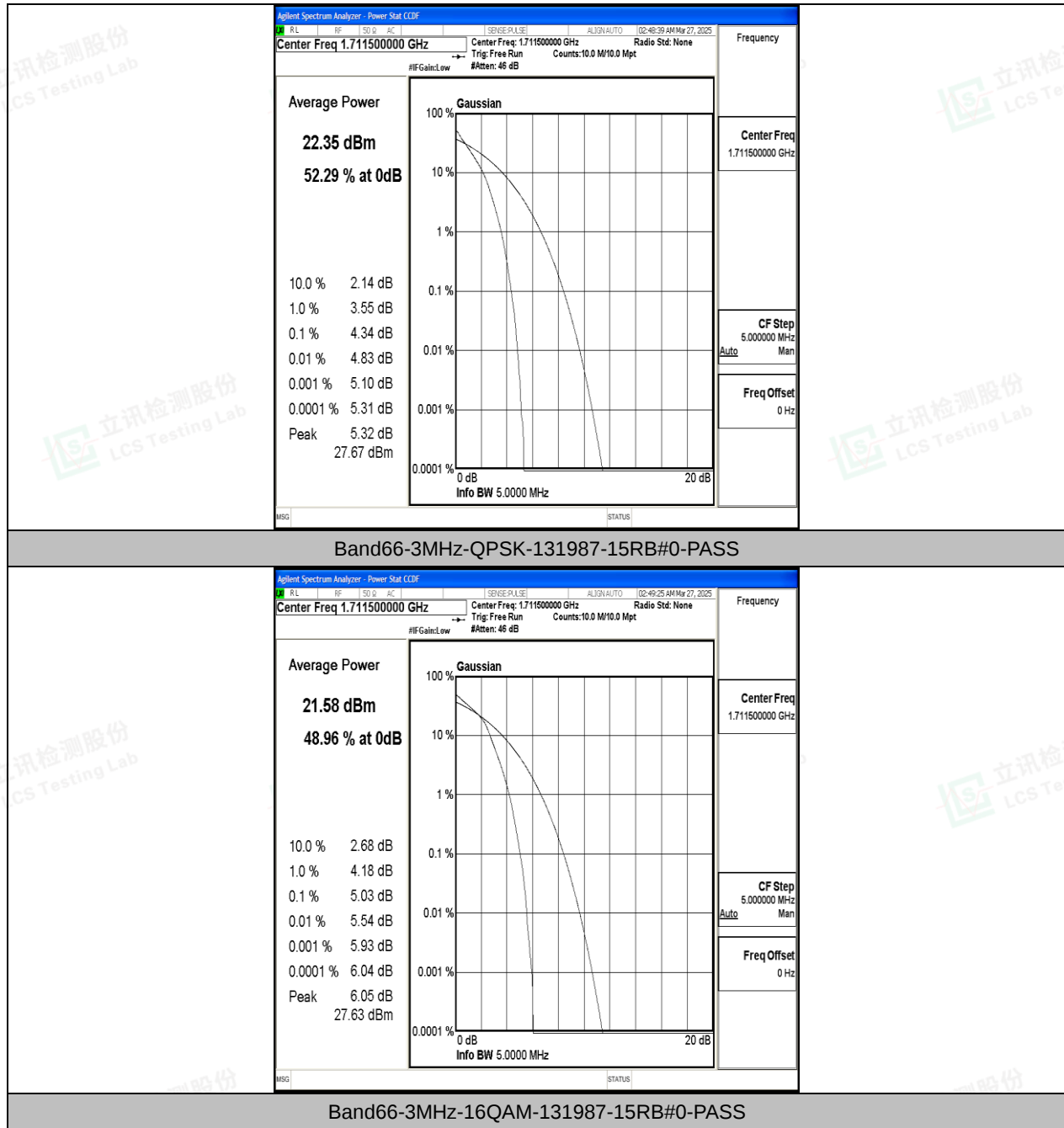


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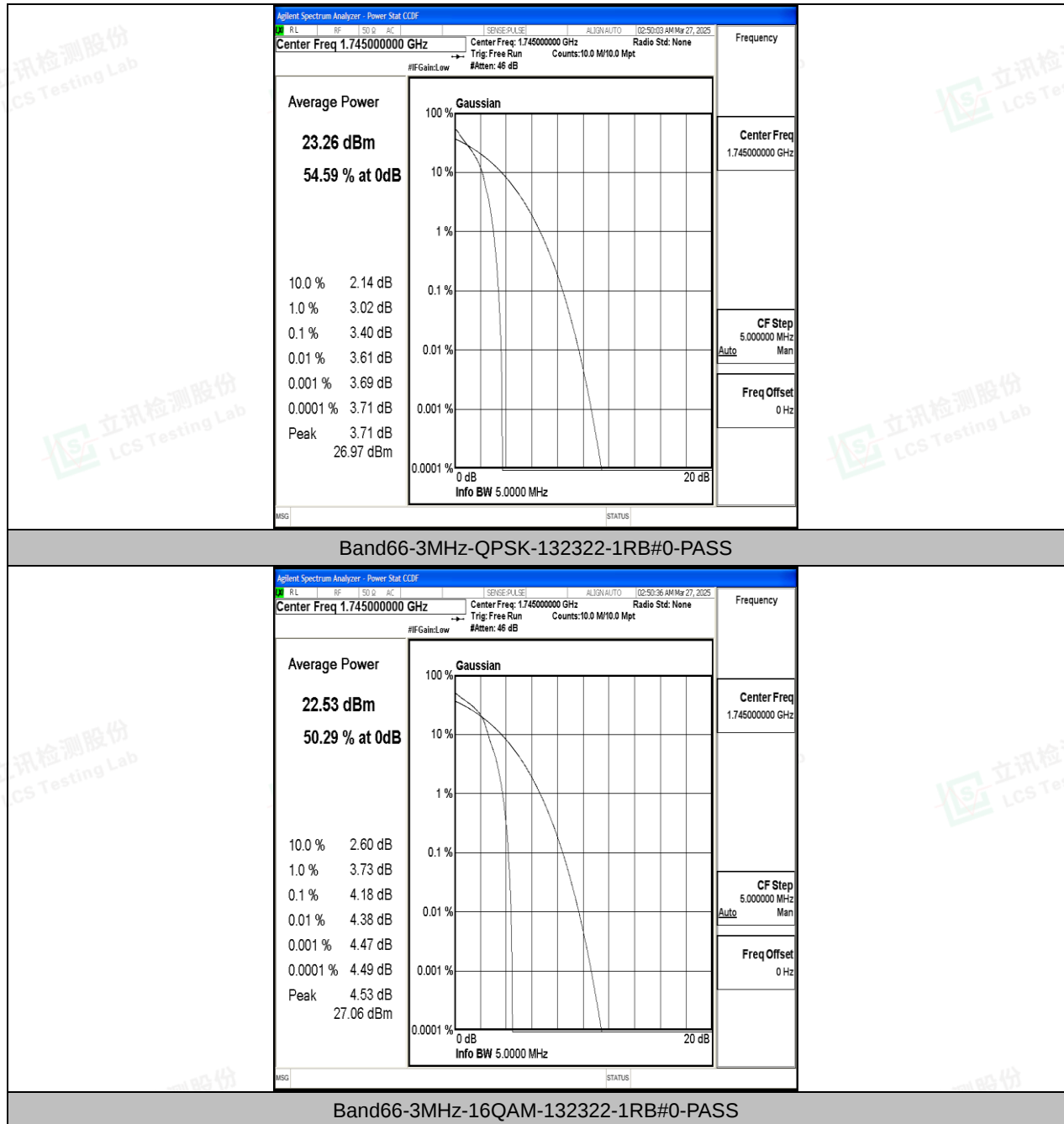


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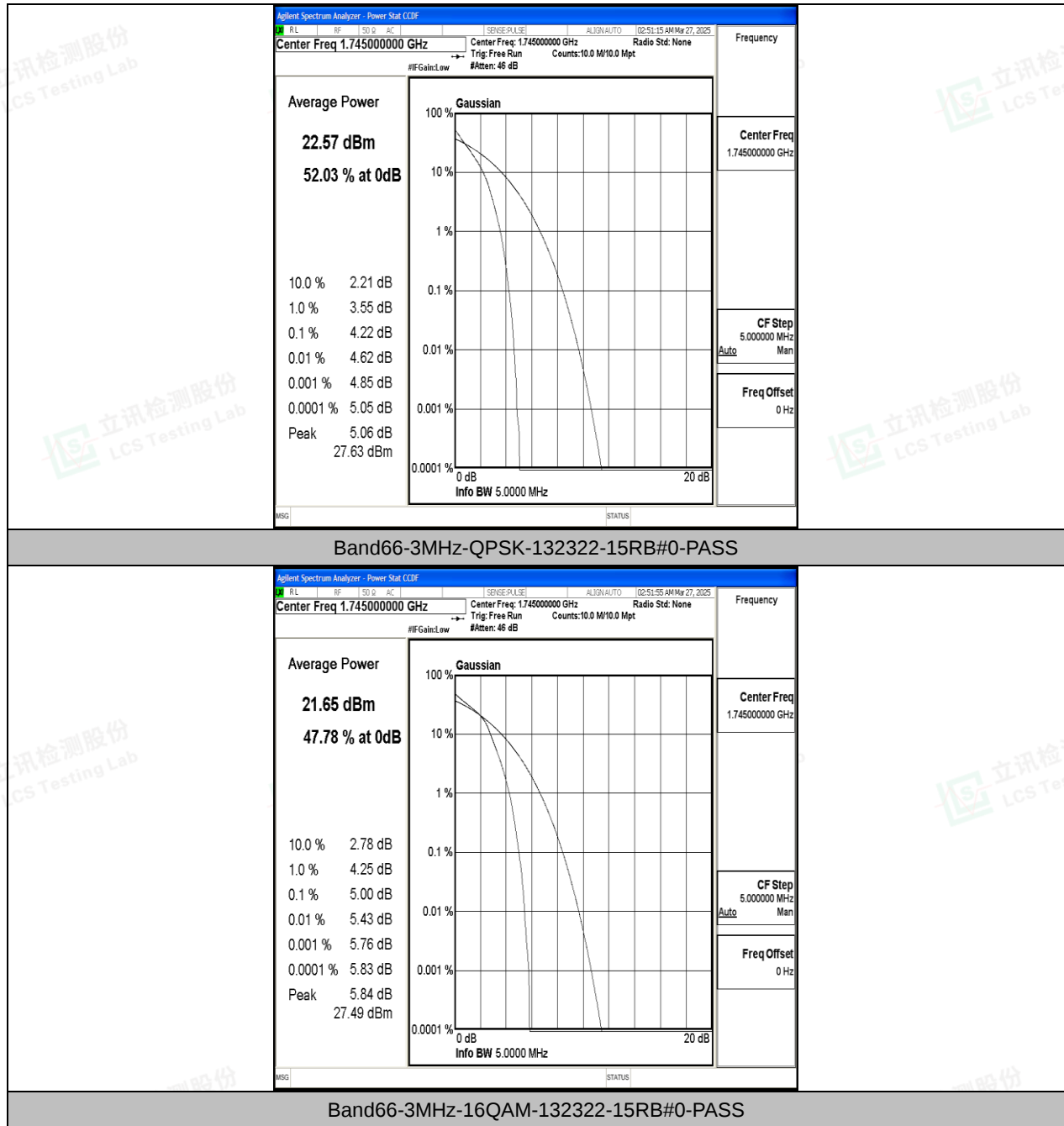


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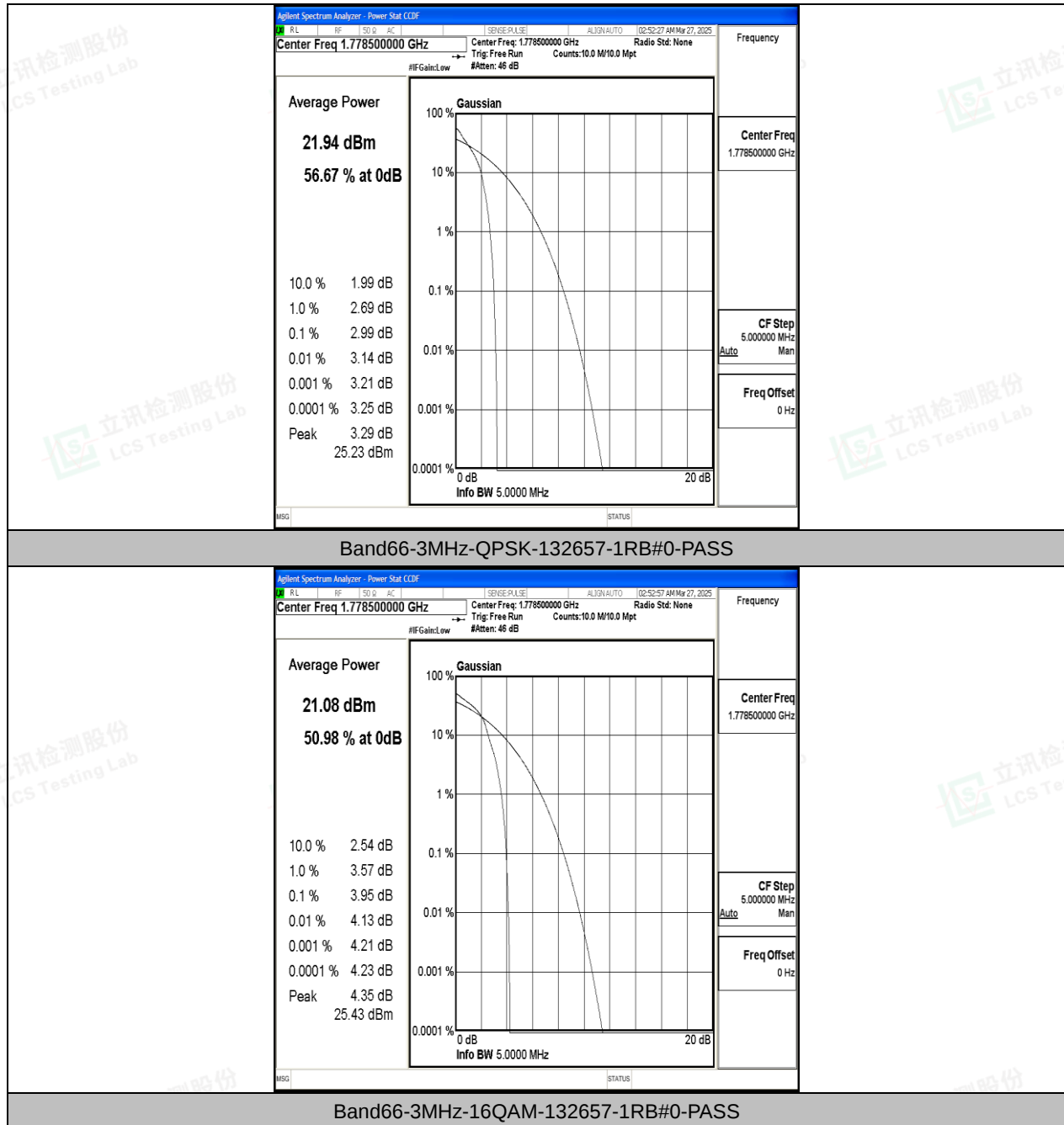


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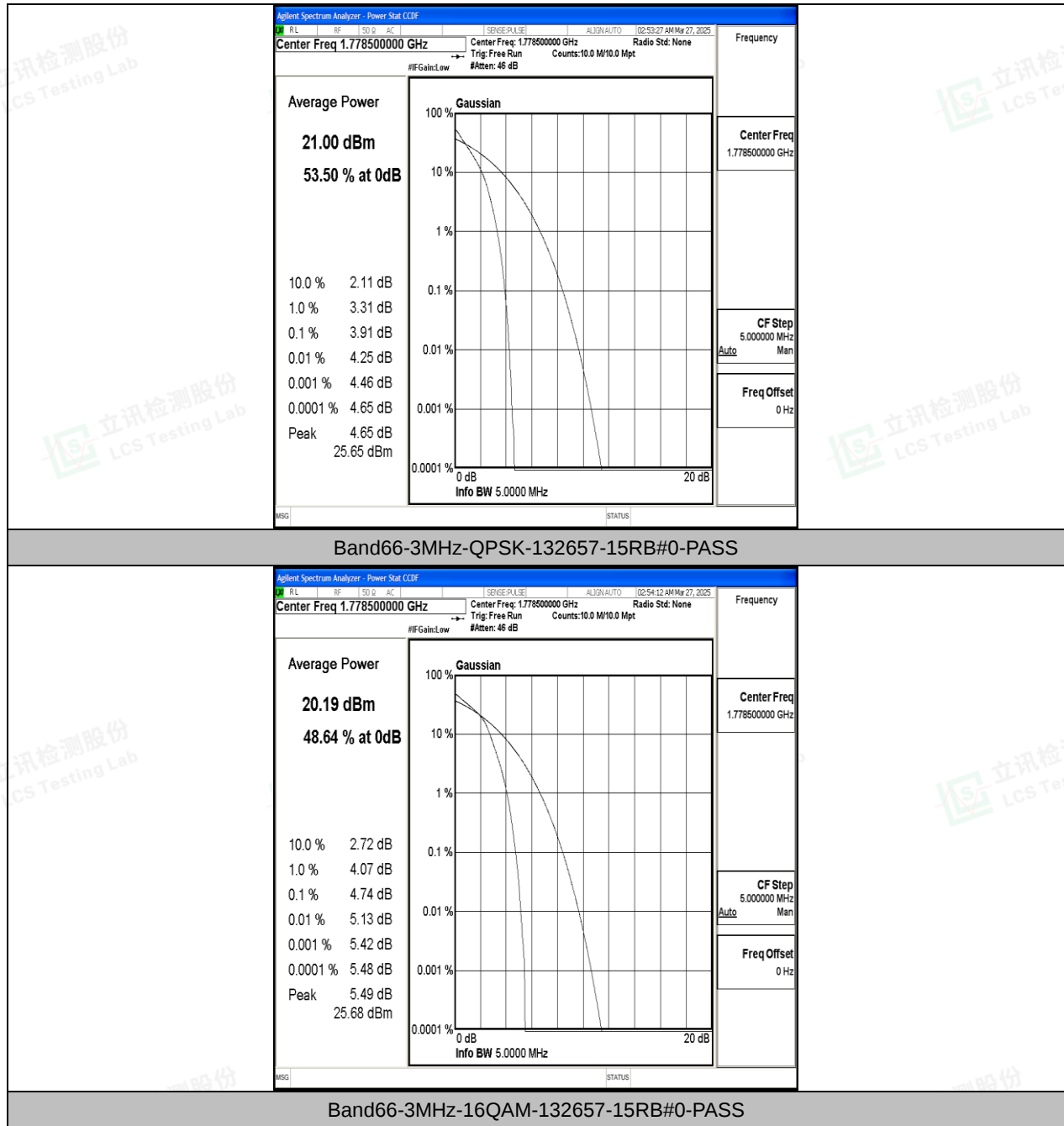


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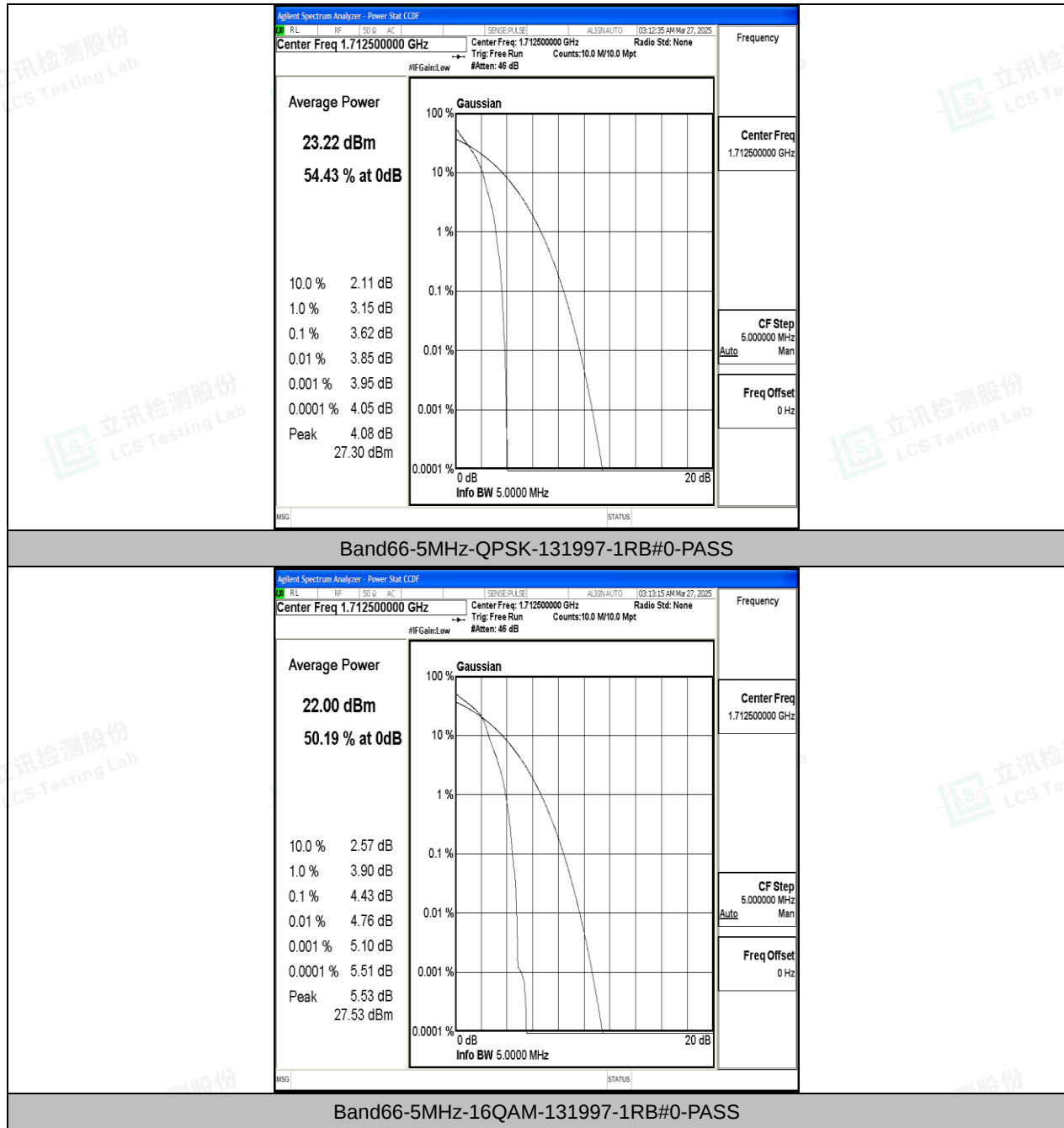


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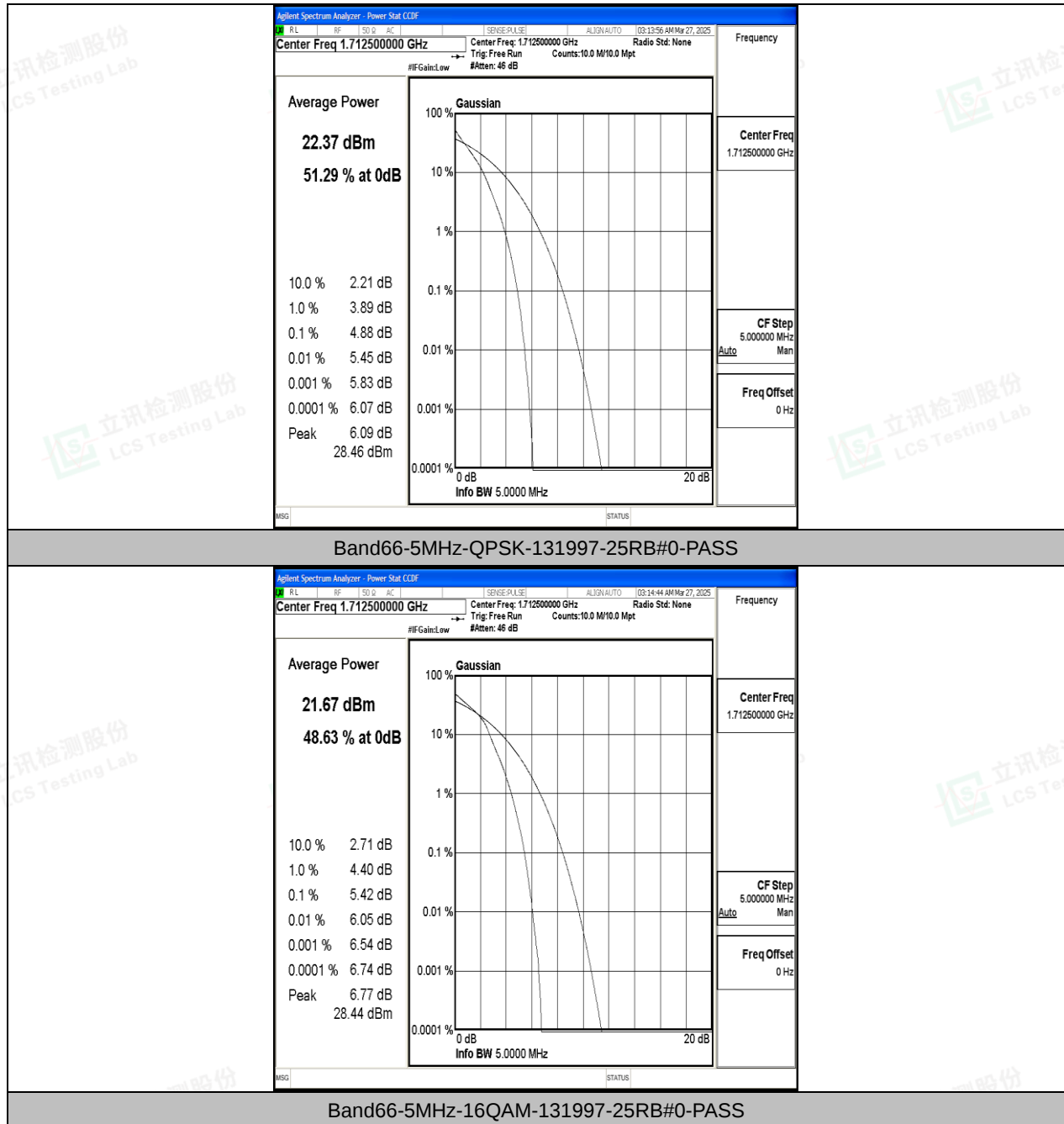


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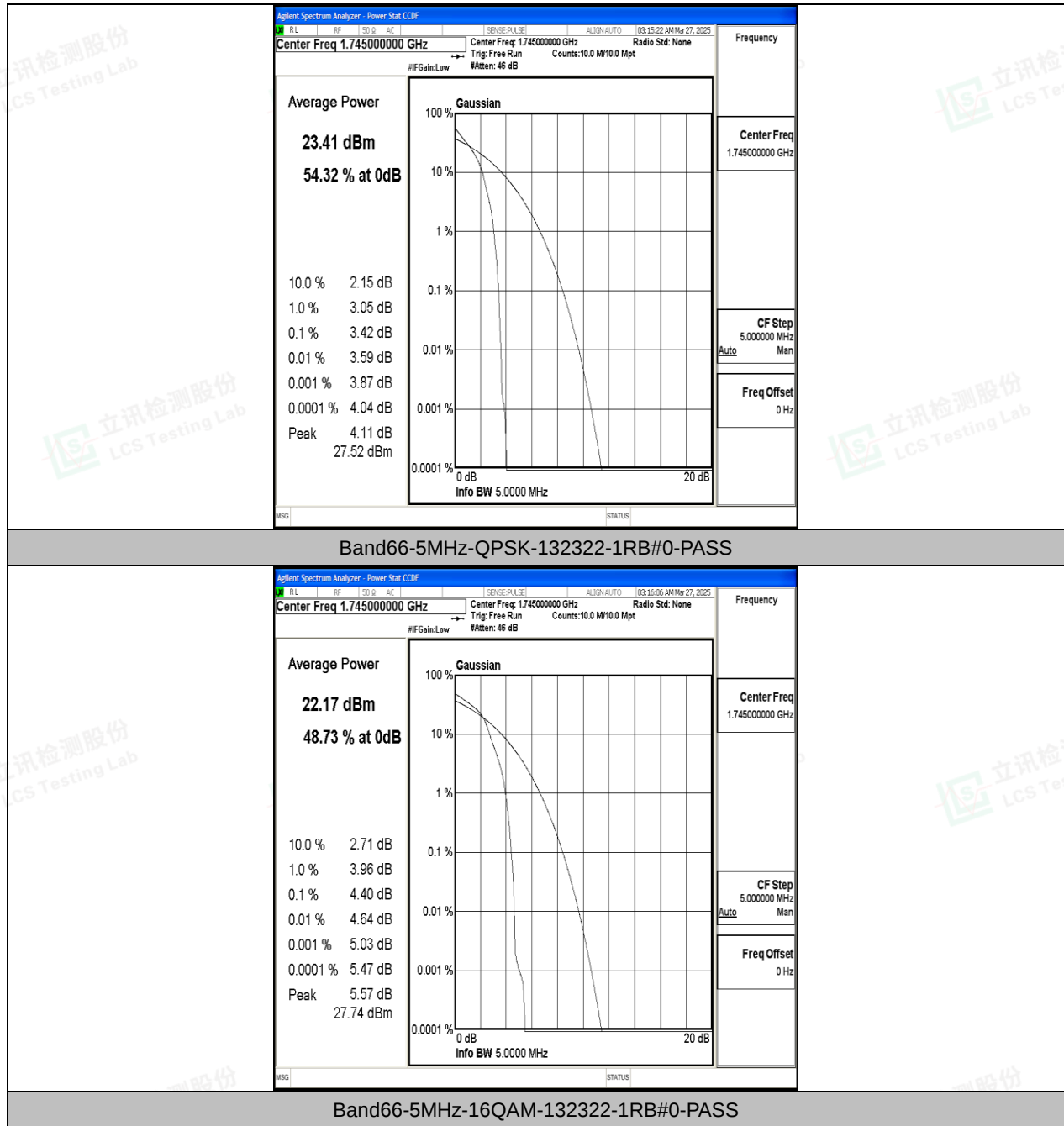


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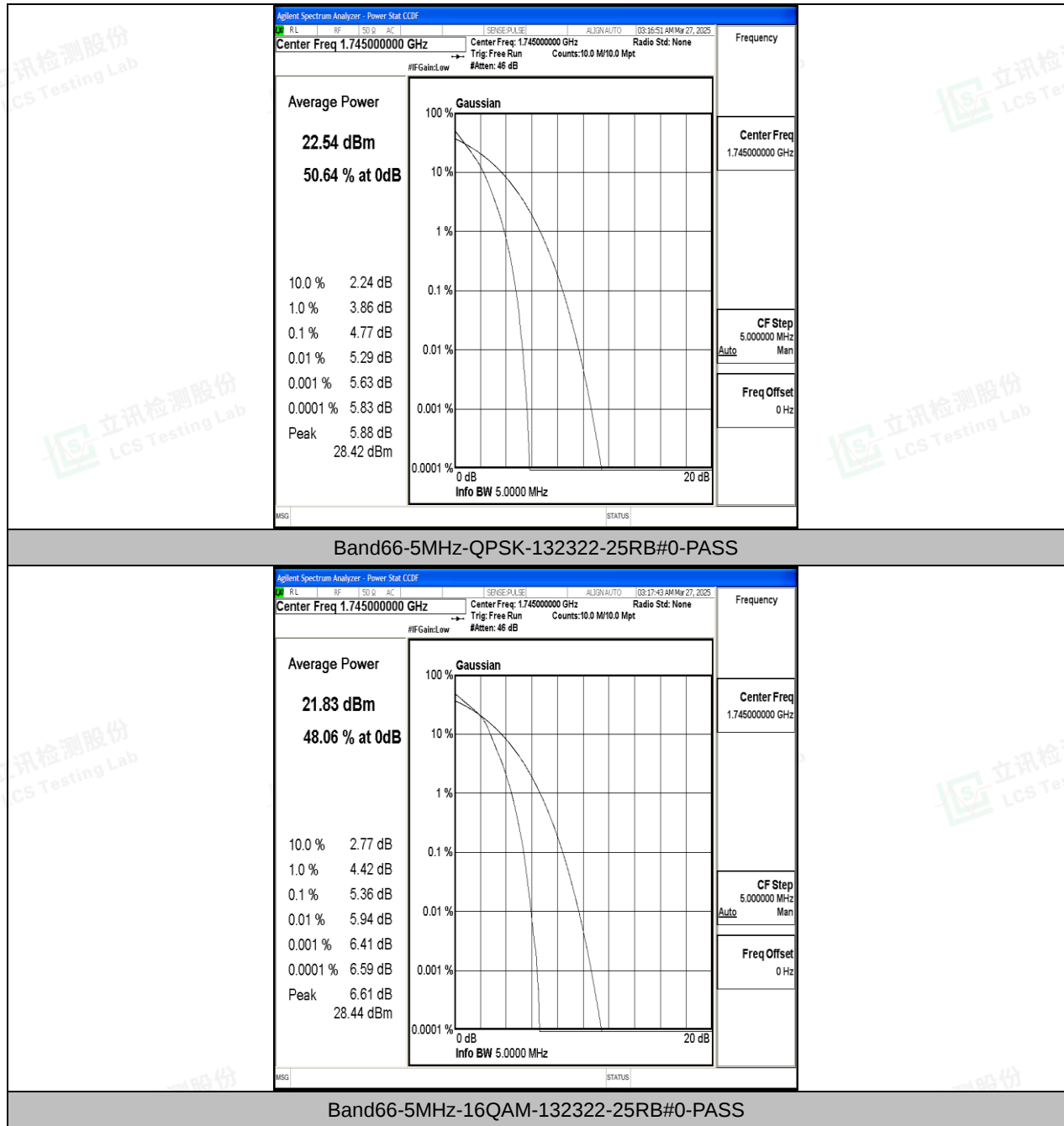


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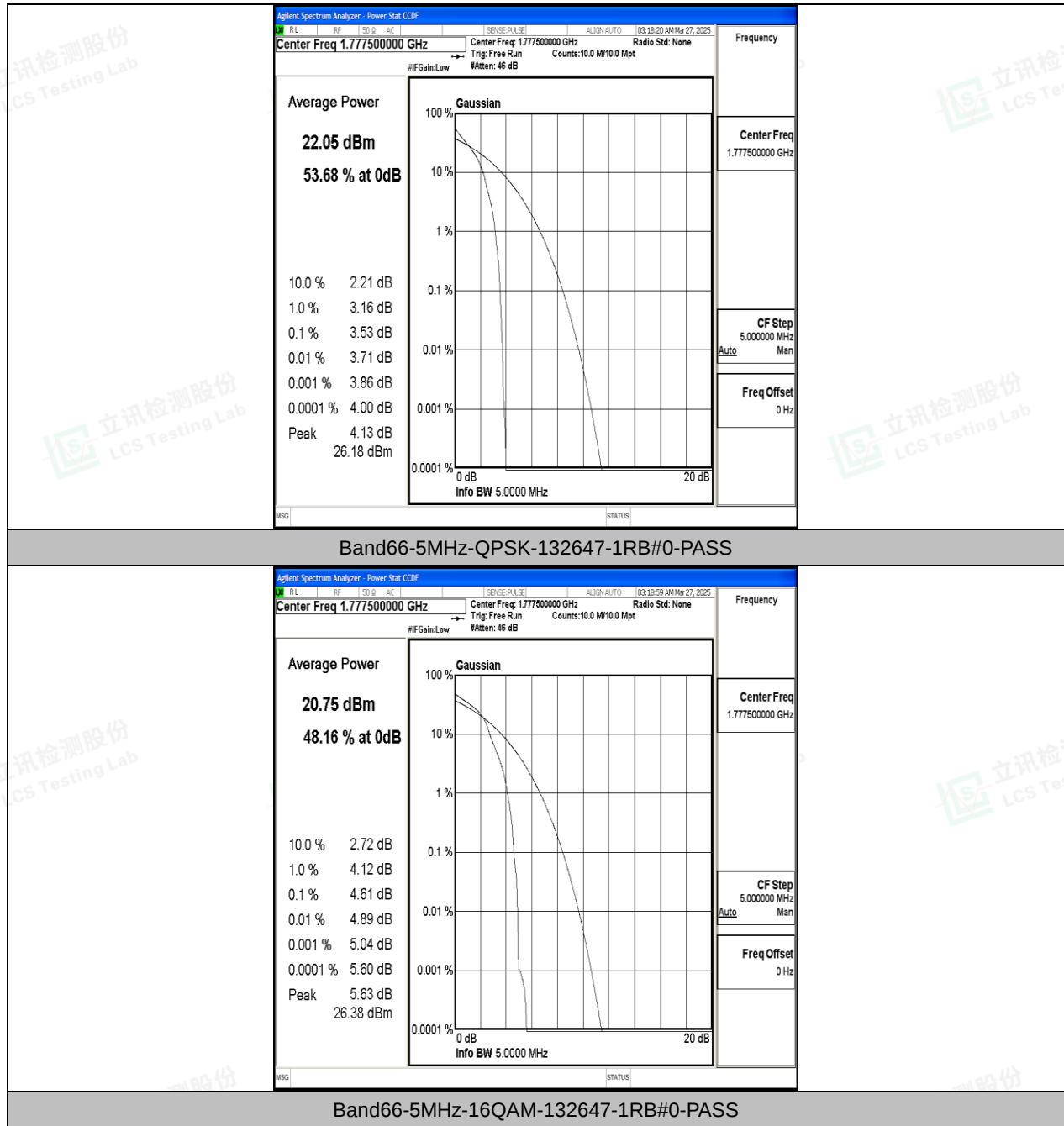


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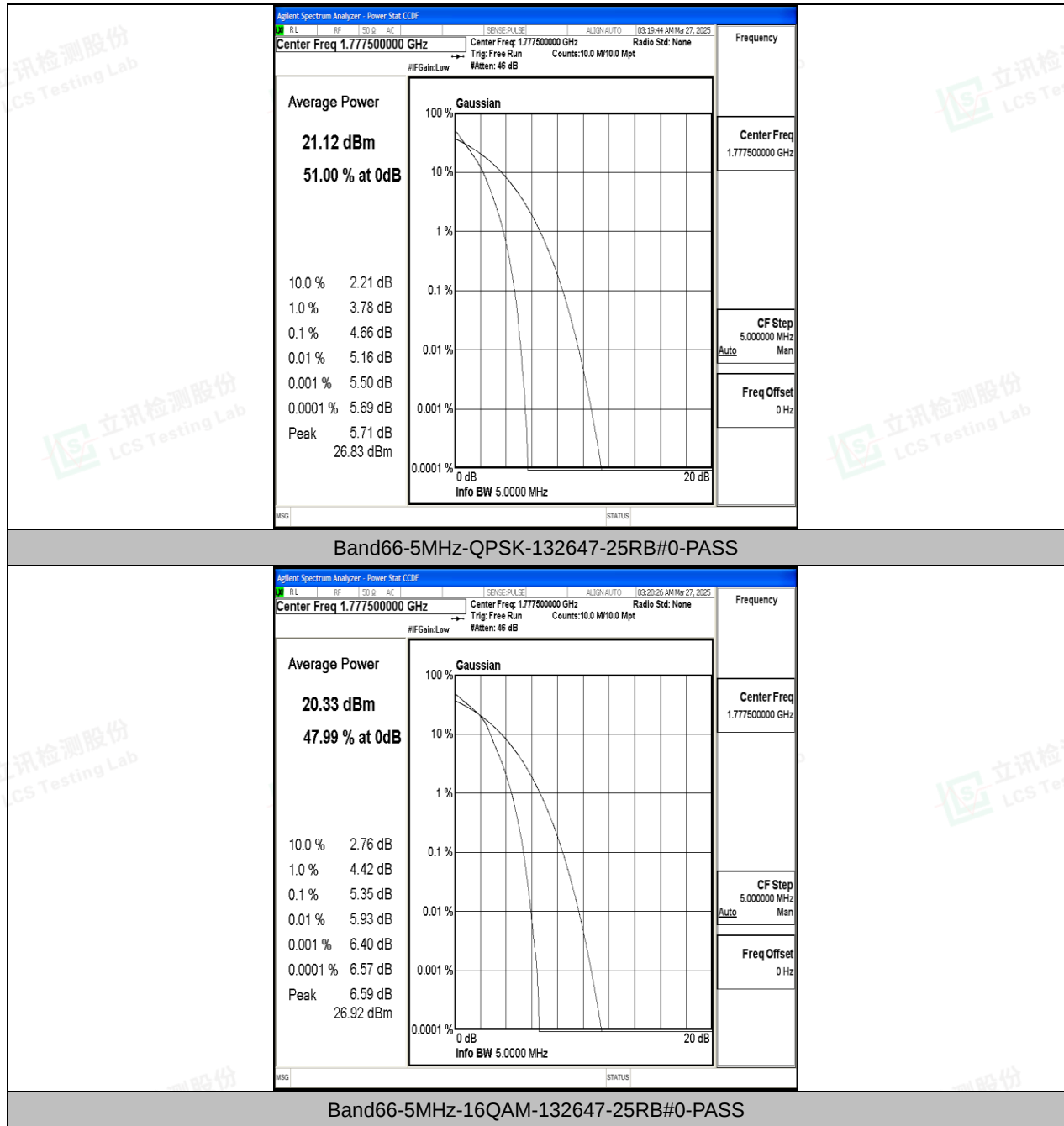


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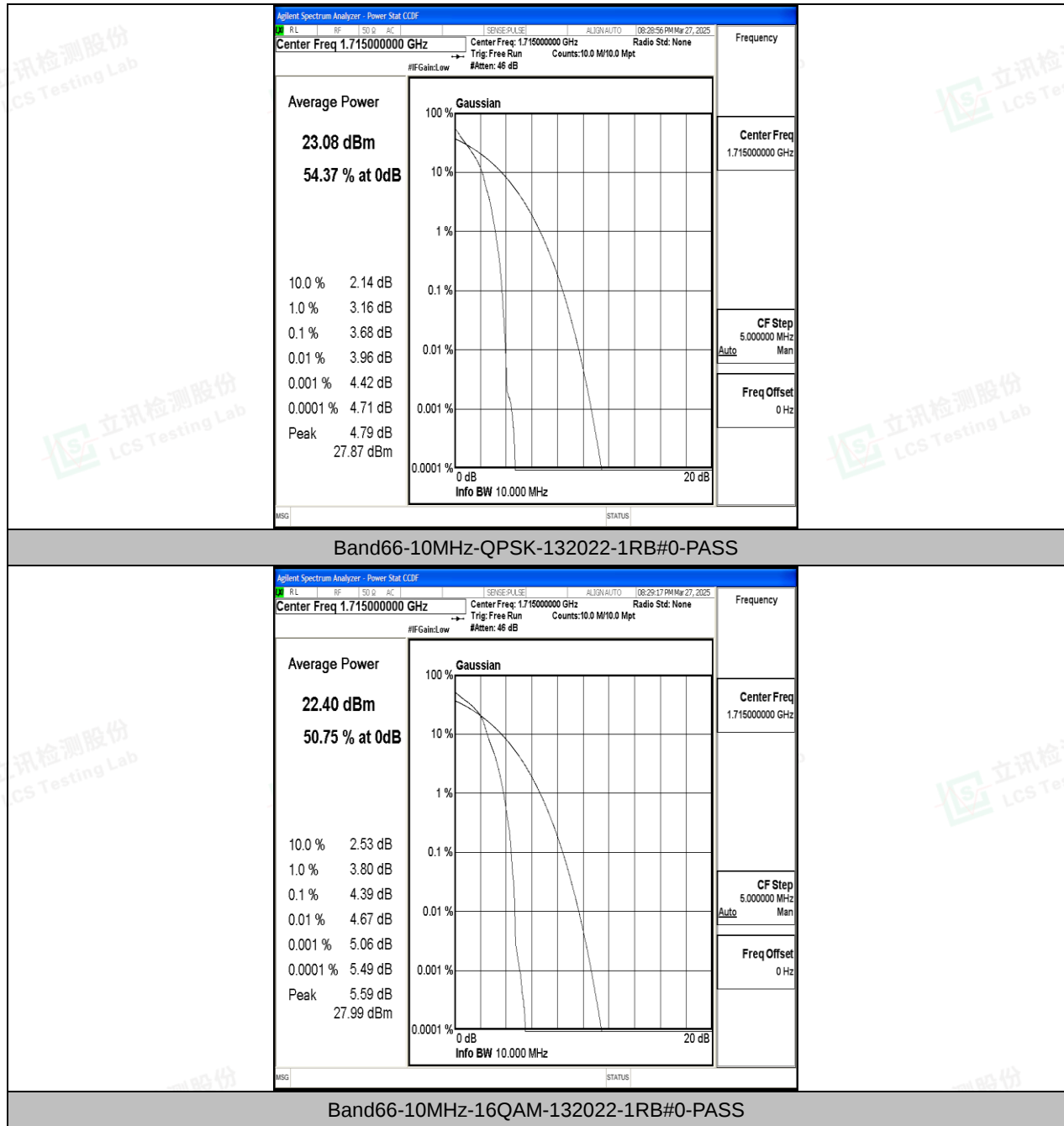


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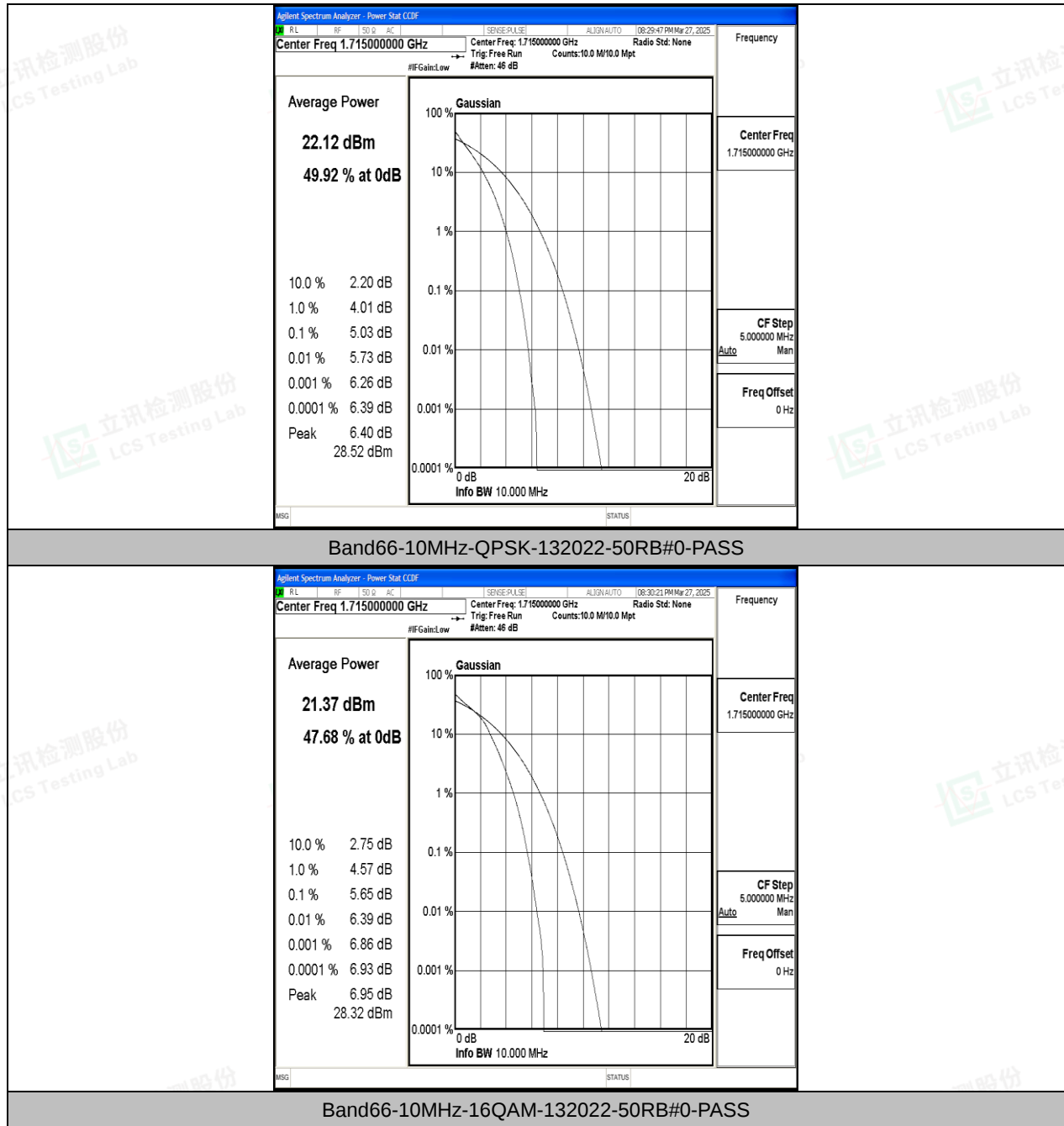


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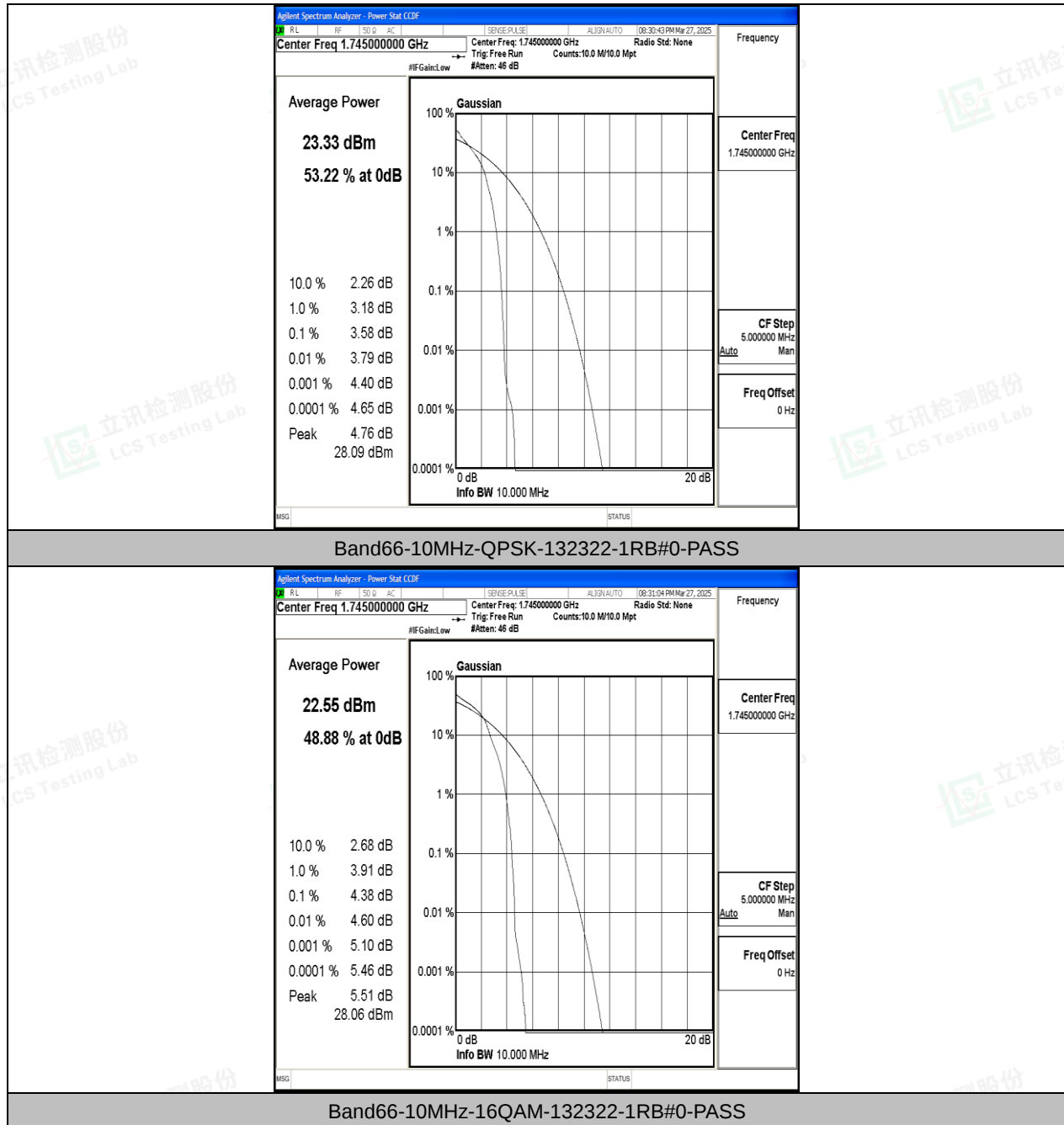


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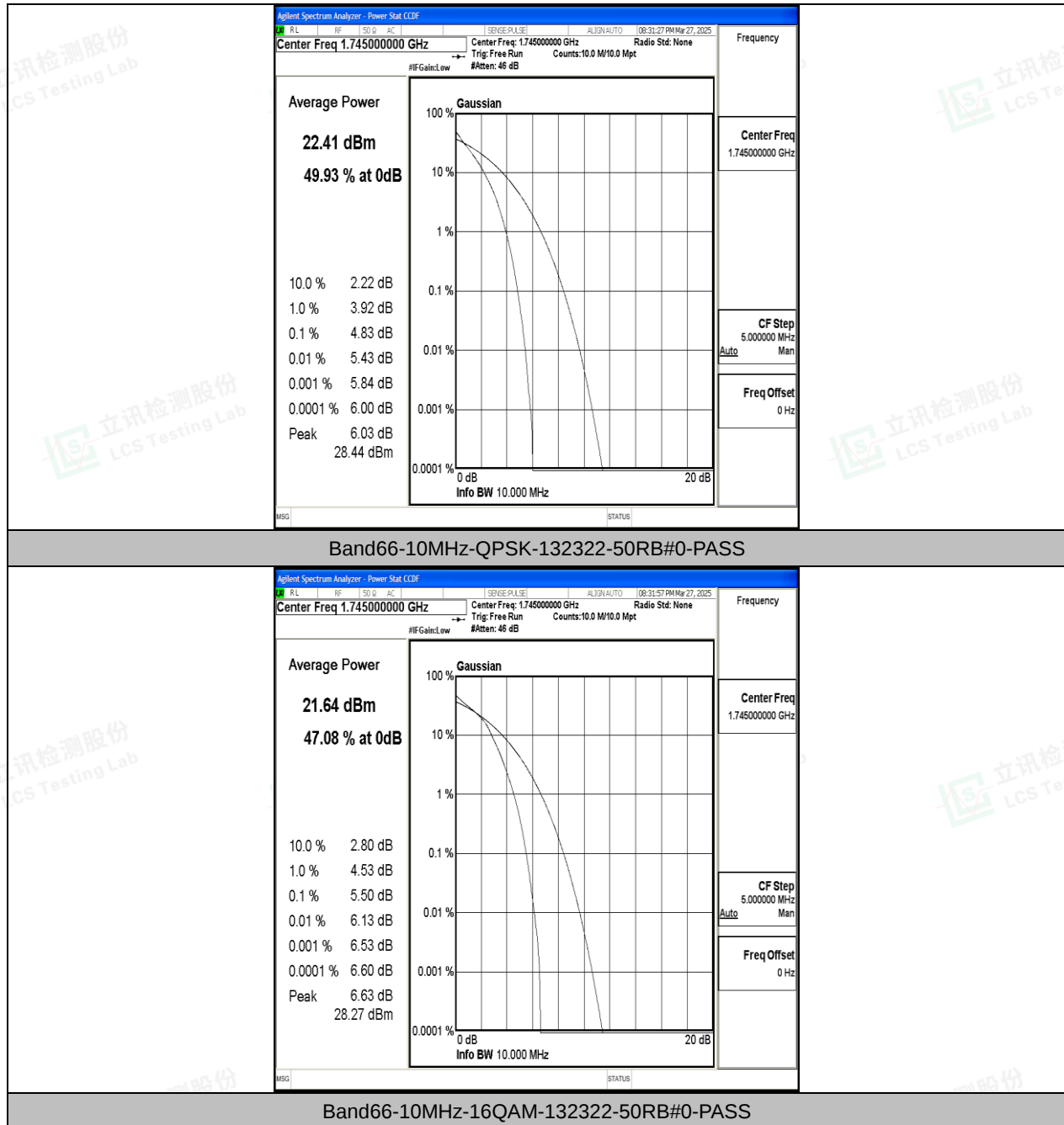


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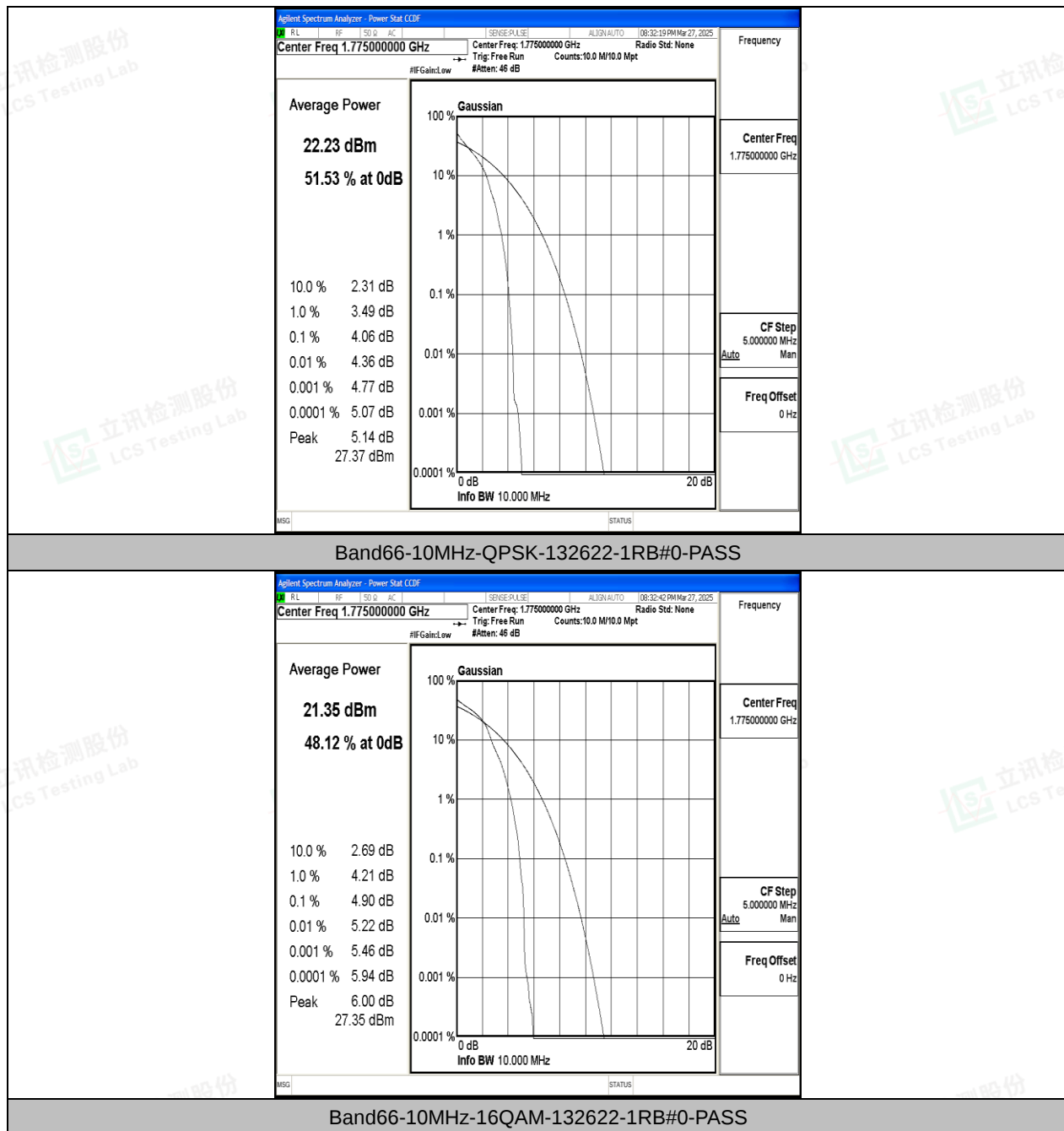


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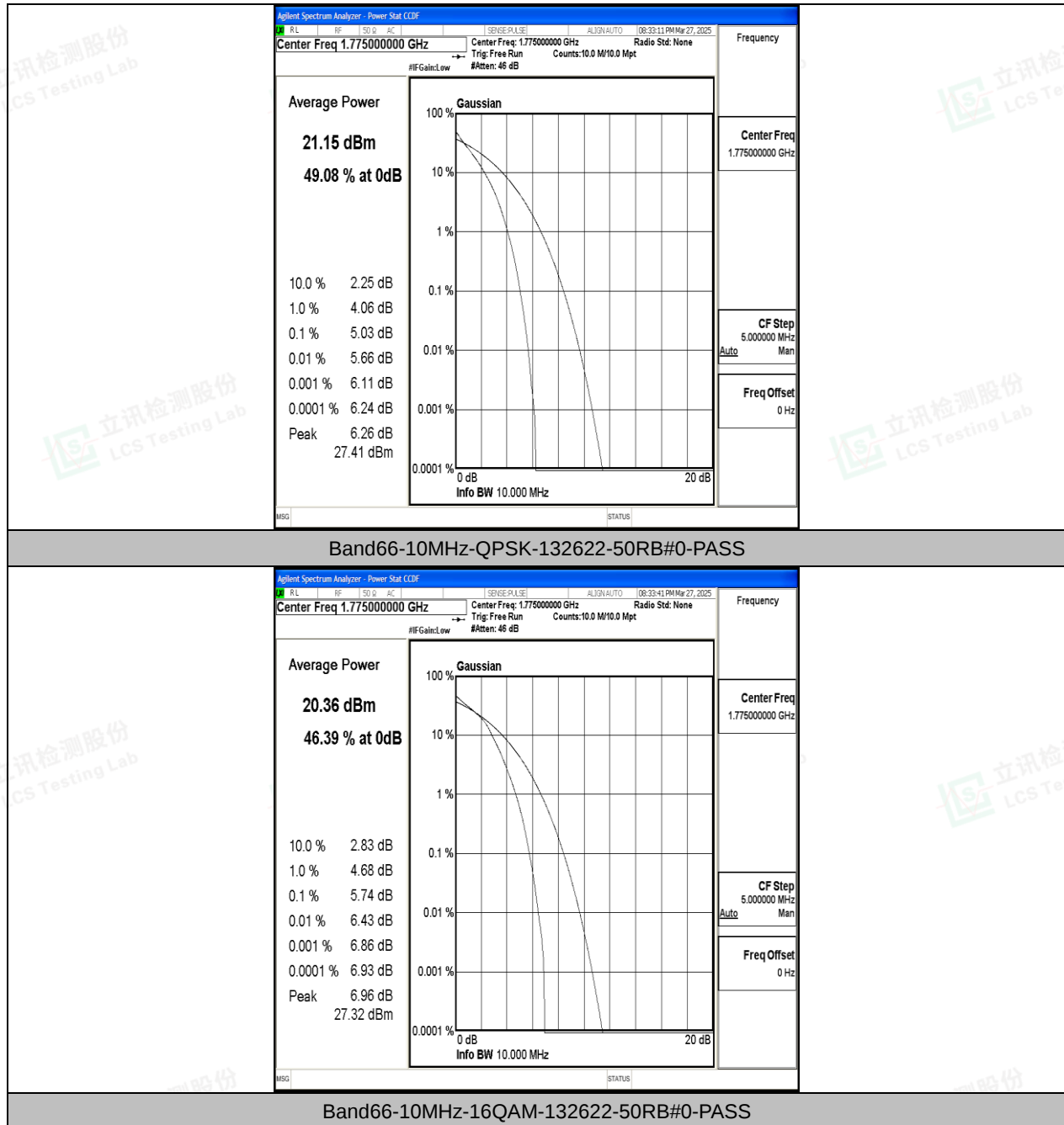


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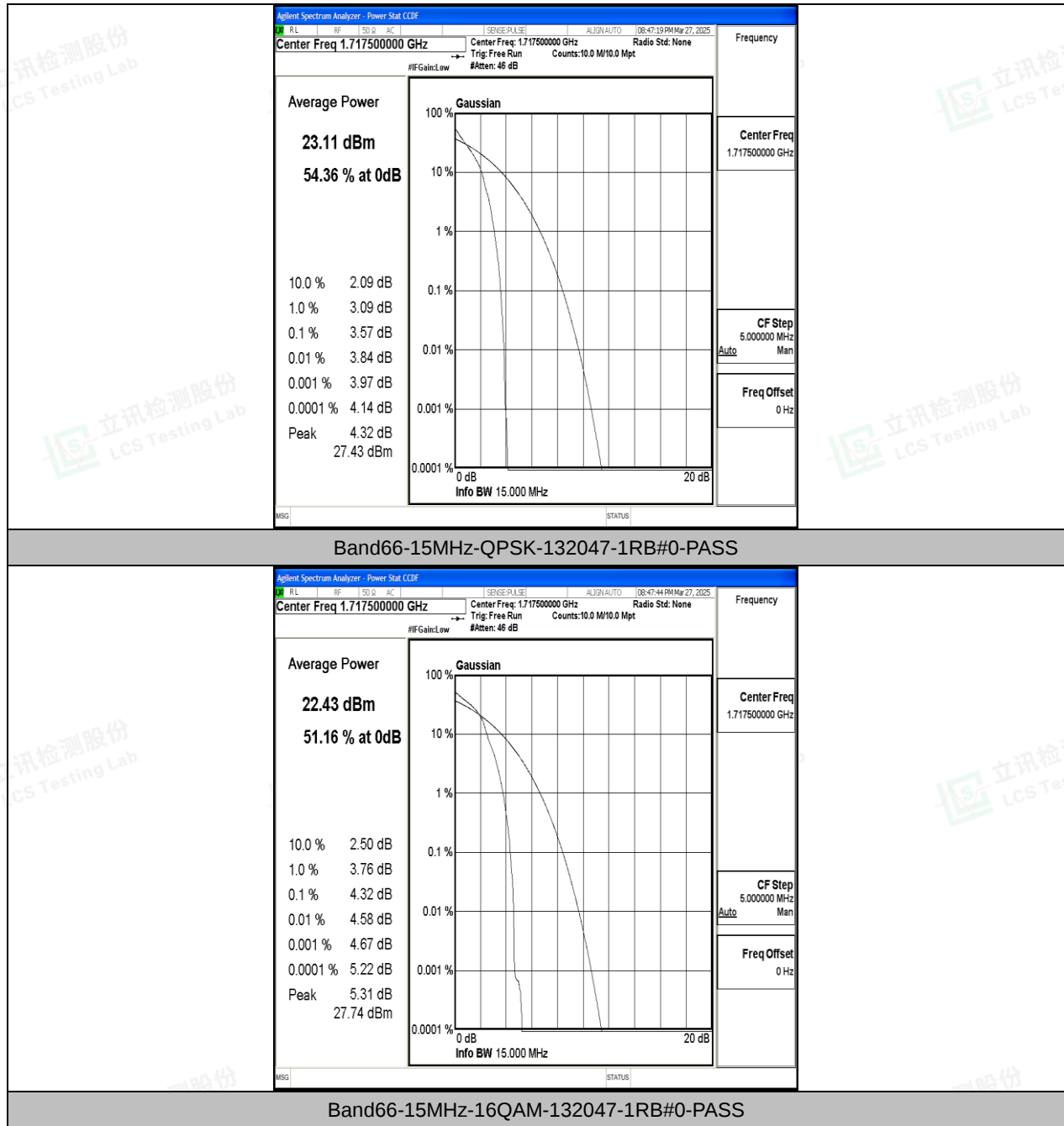


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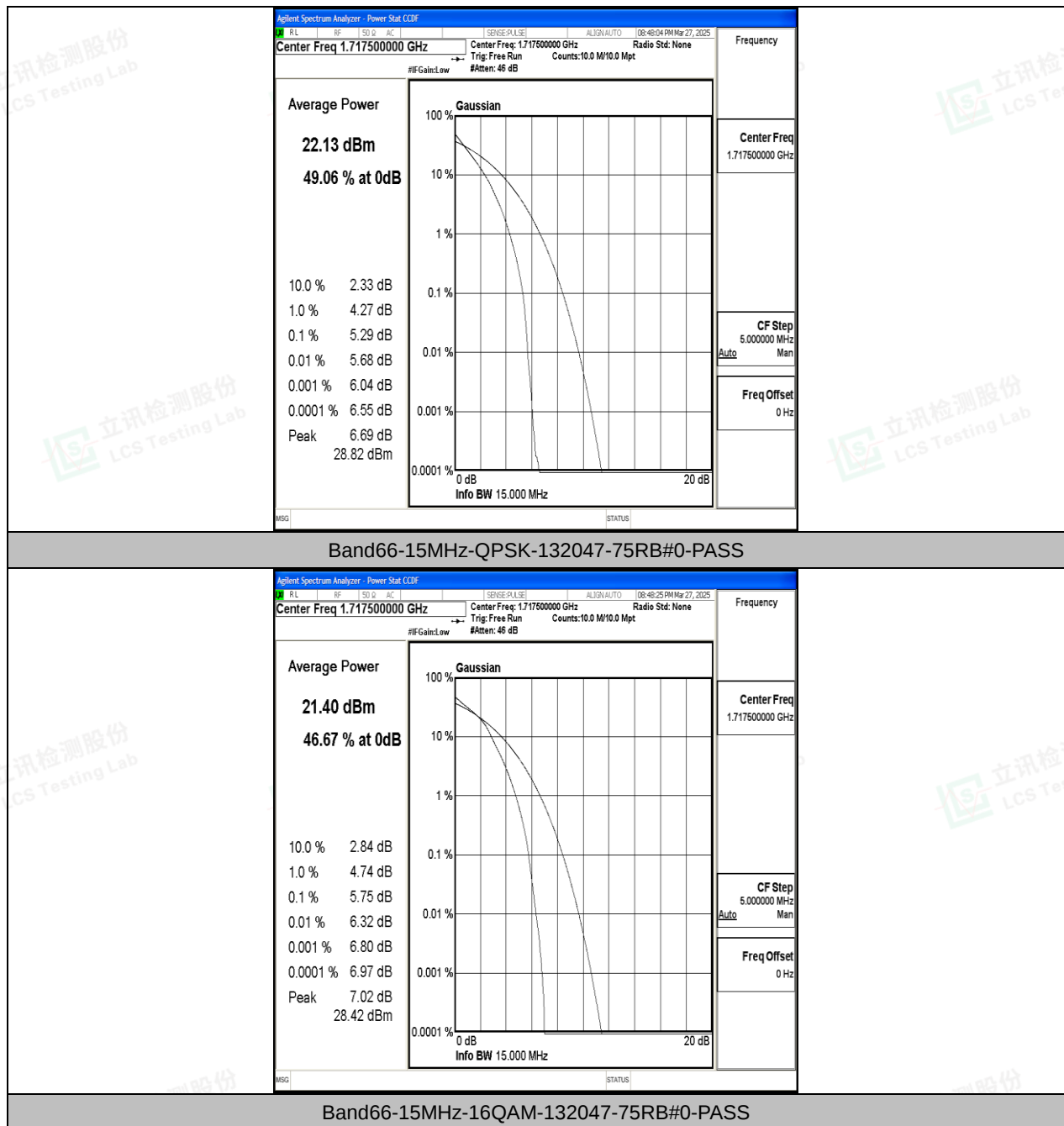


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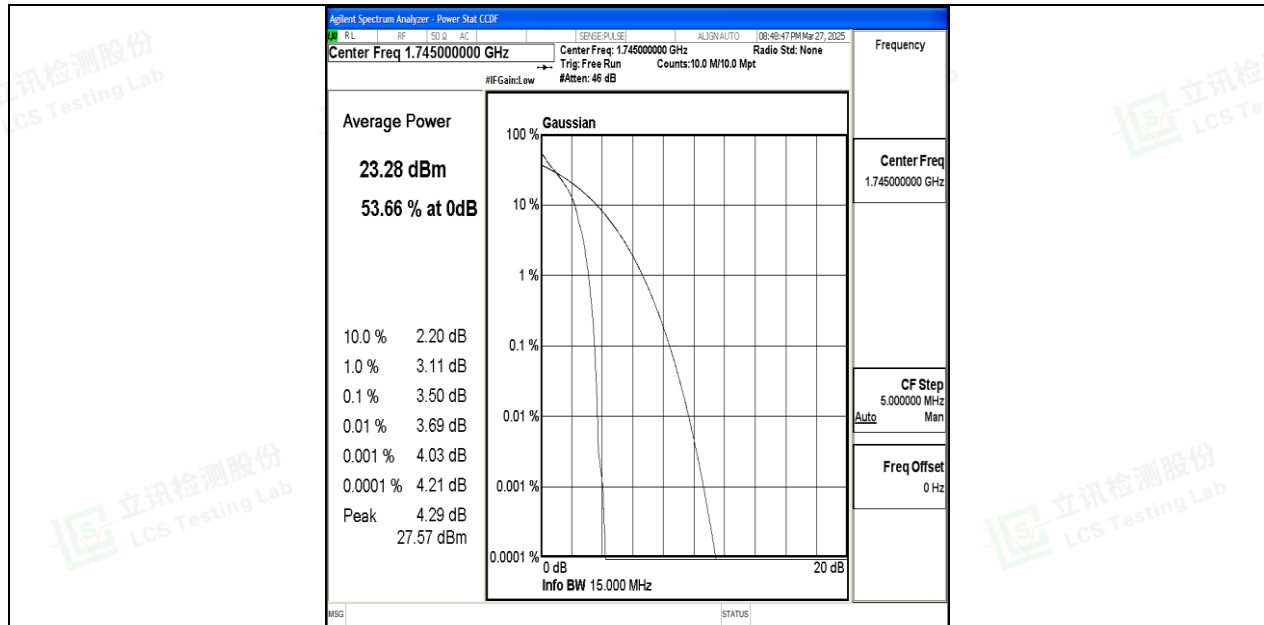


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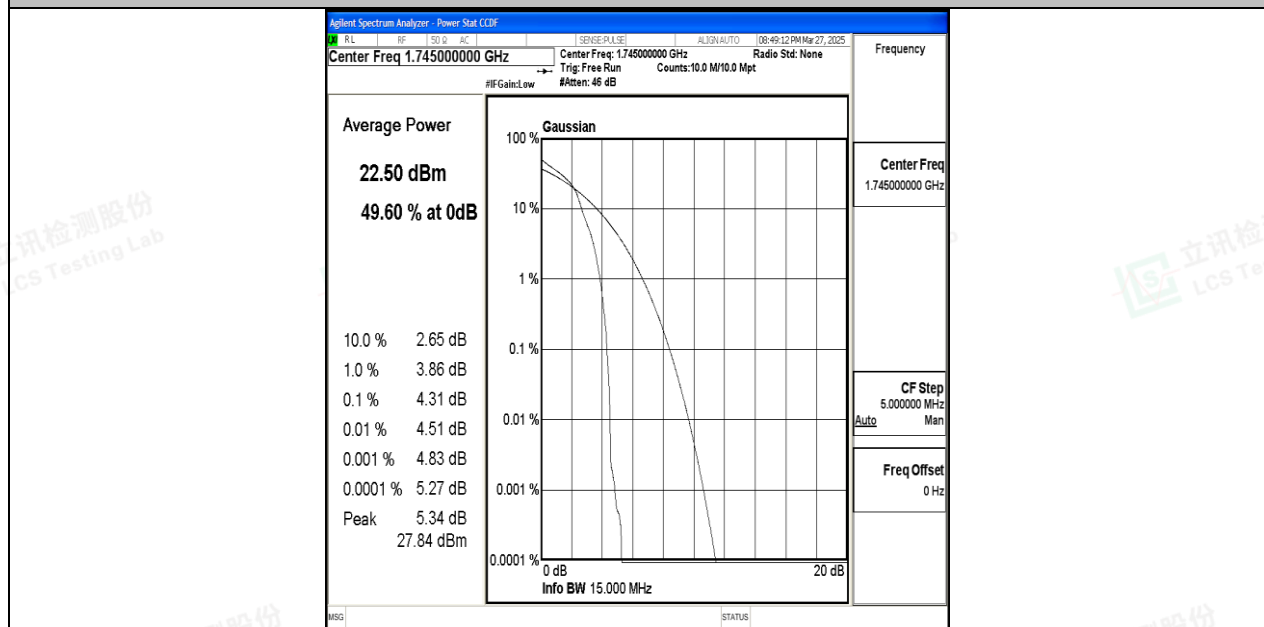
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## Band66-15MHz-QPSK-132322-1RB#0-PASS



## Band66-15MHz-16QAM-132322-1RB#0-PASS

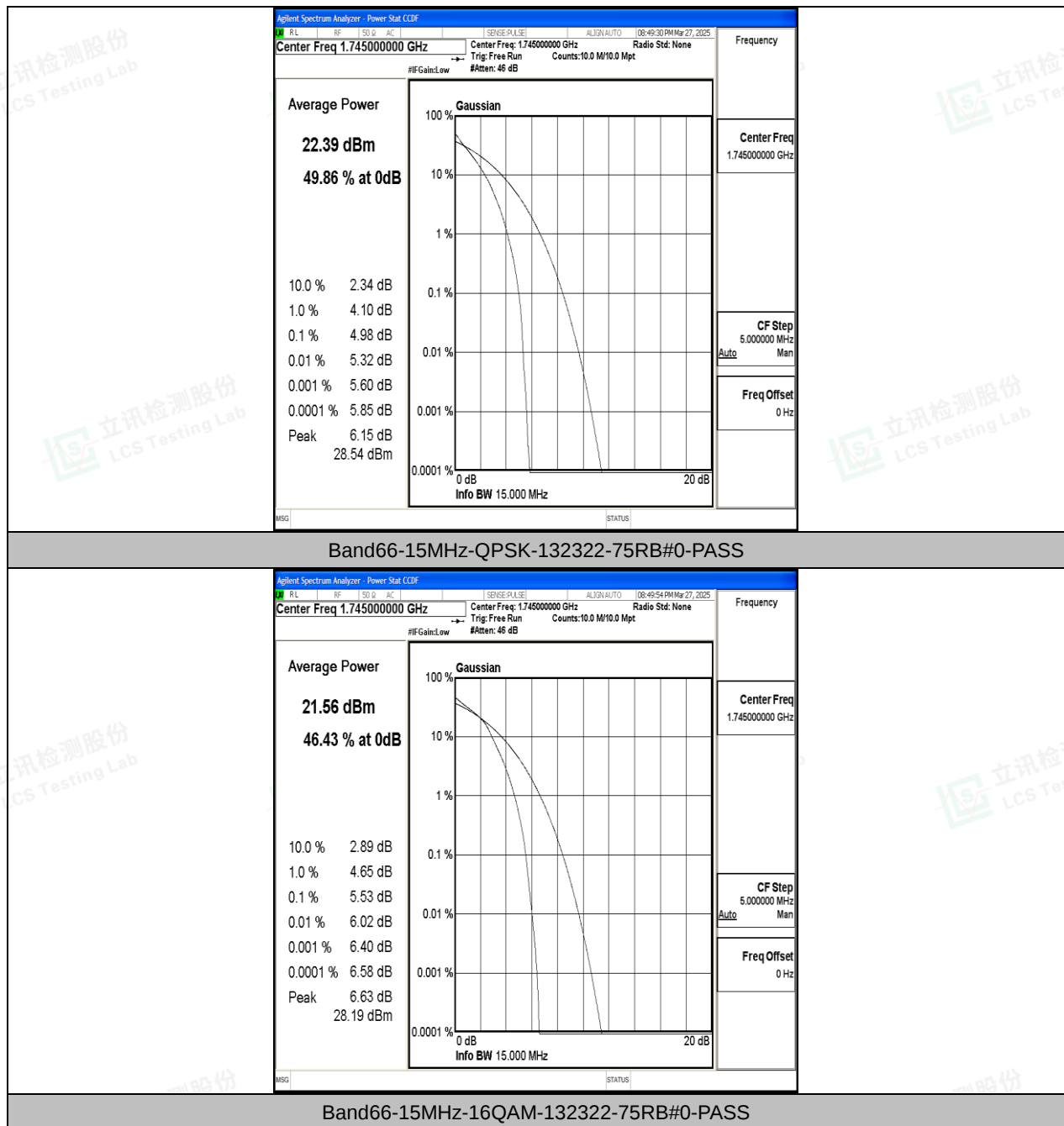


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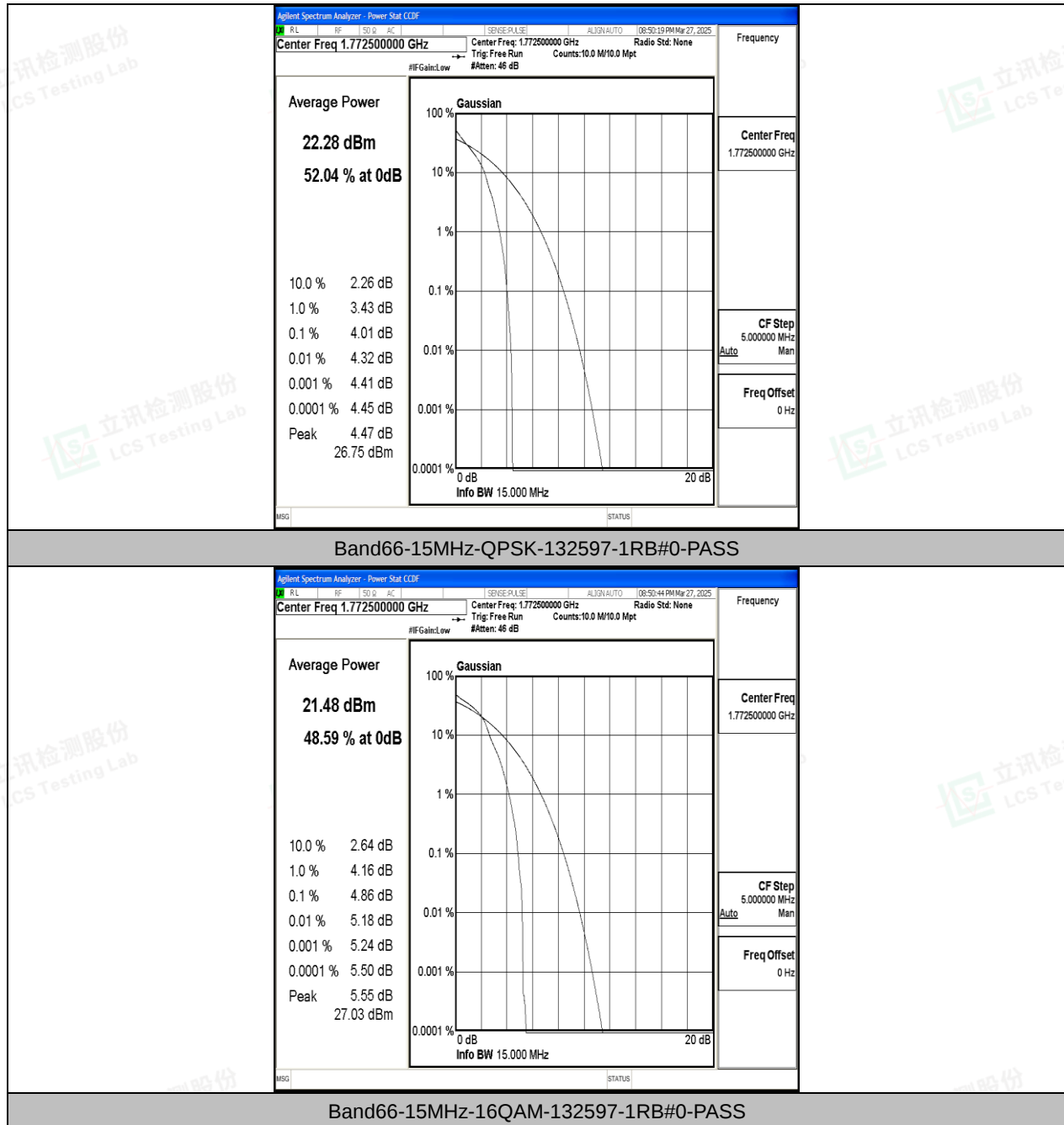


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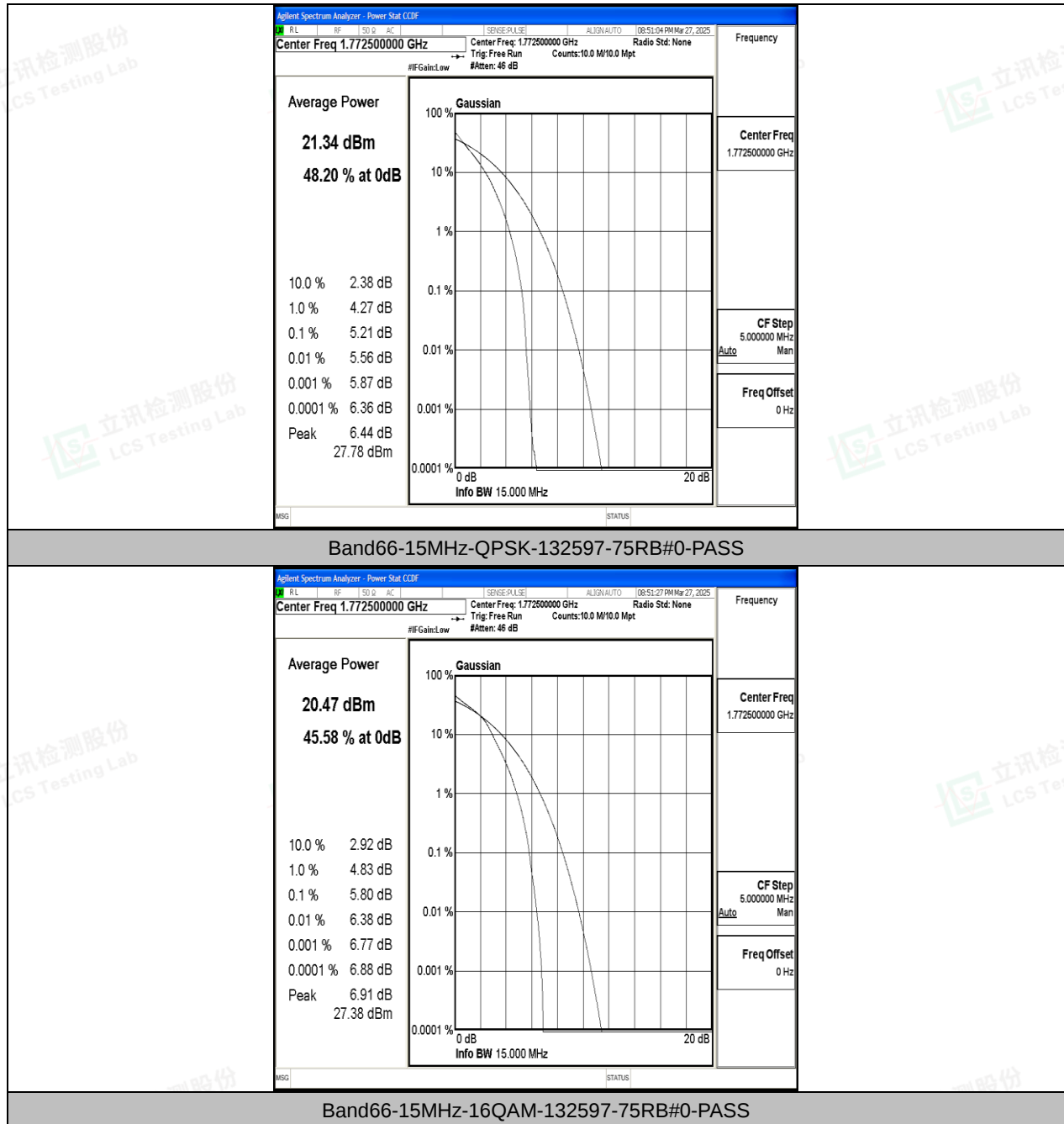


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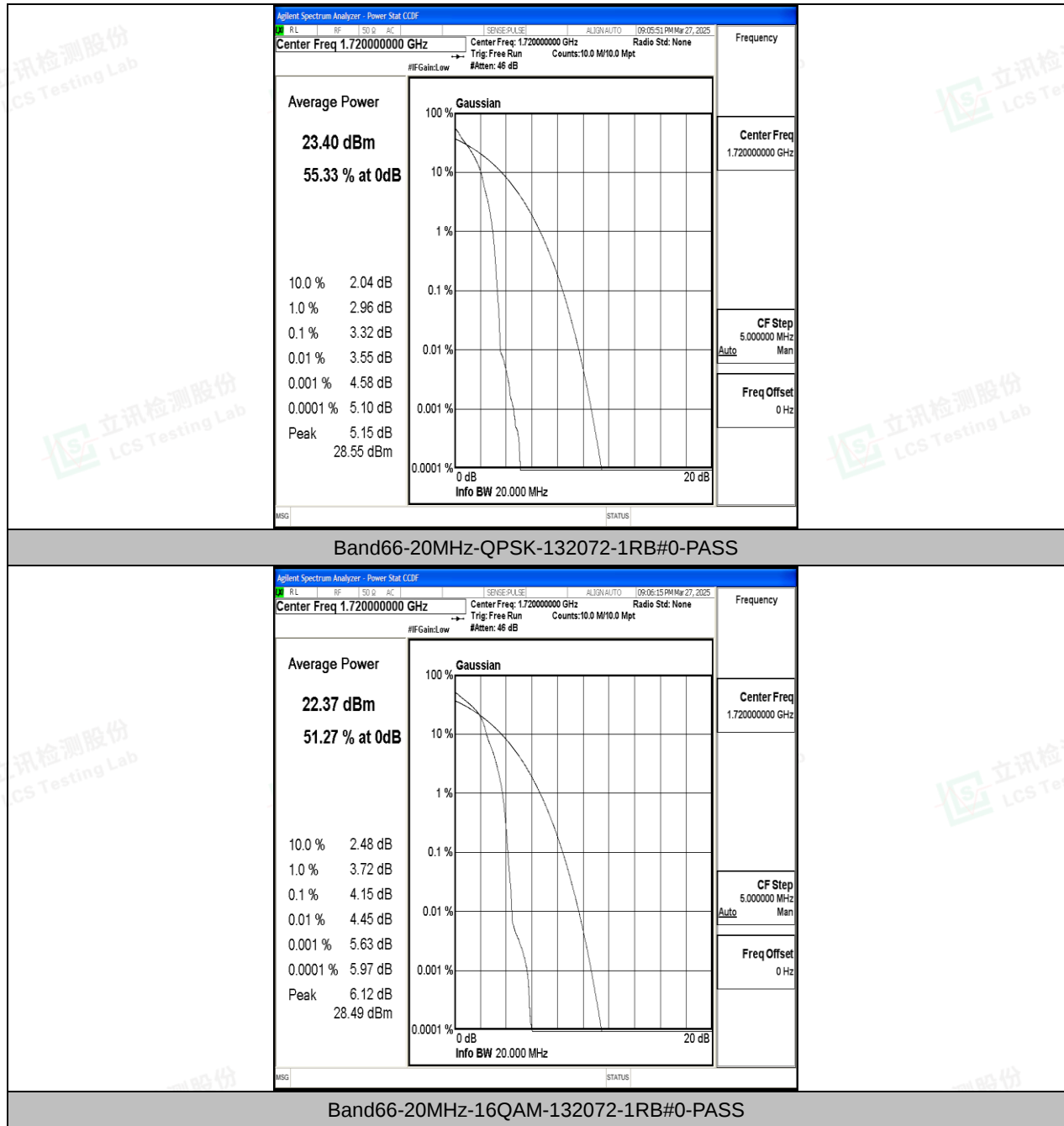


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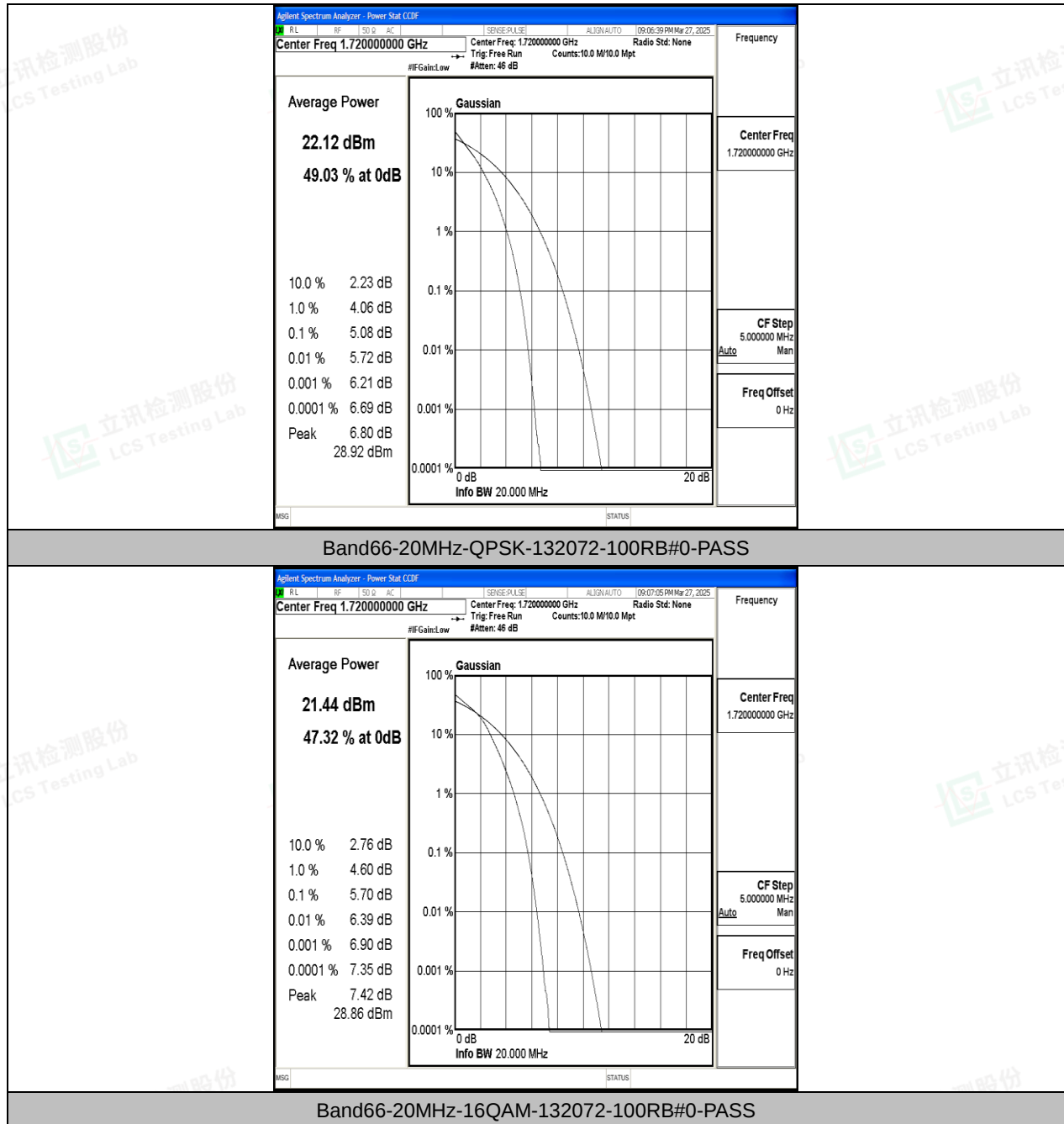


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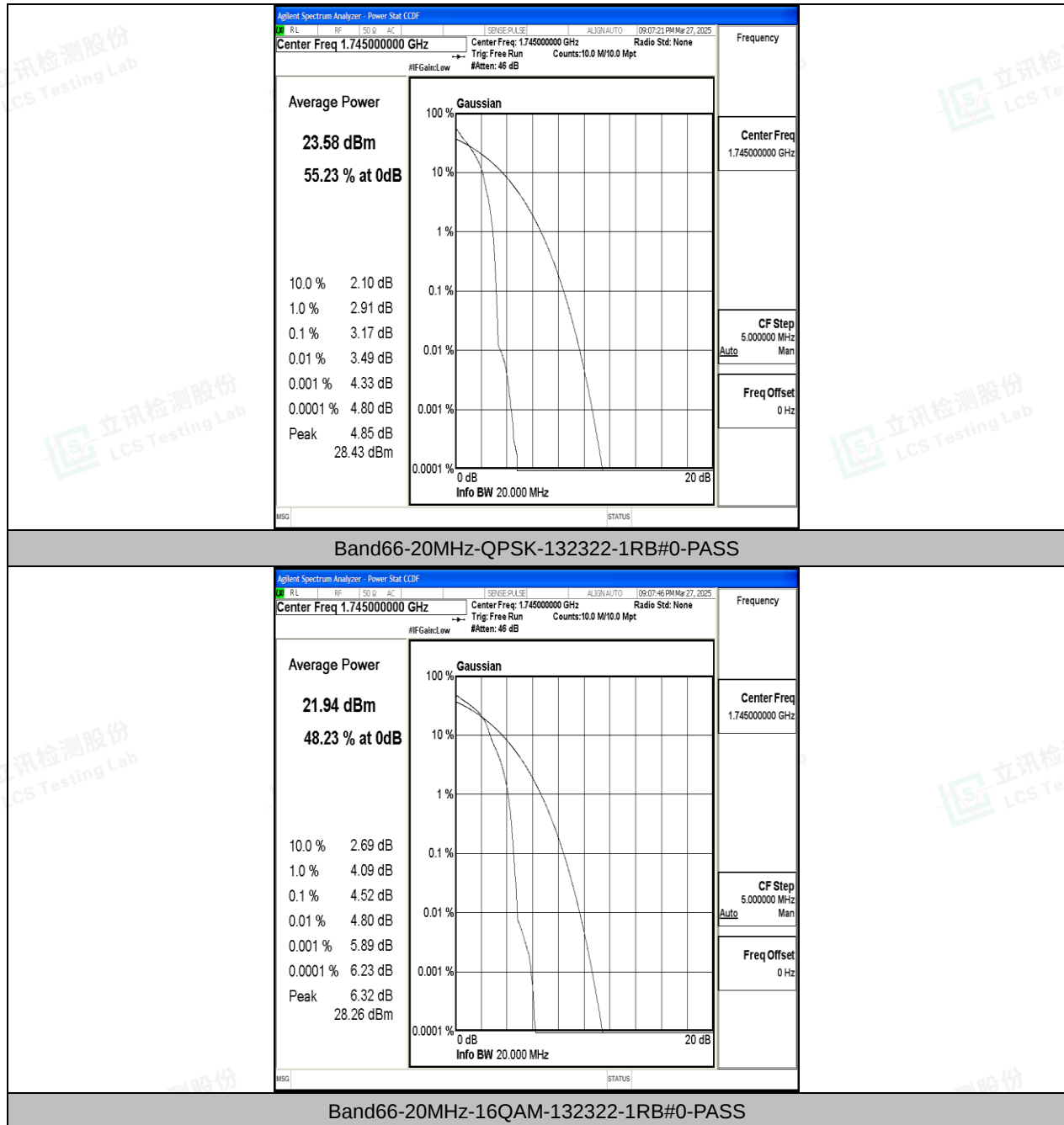


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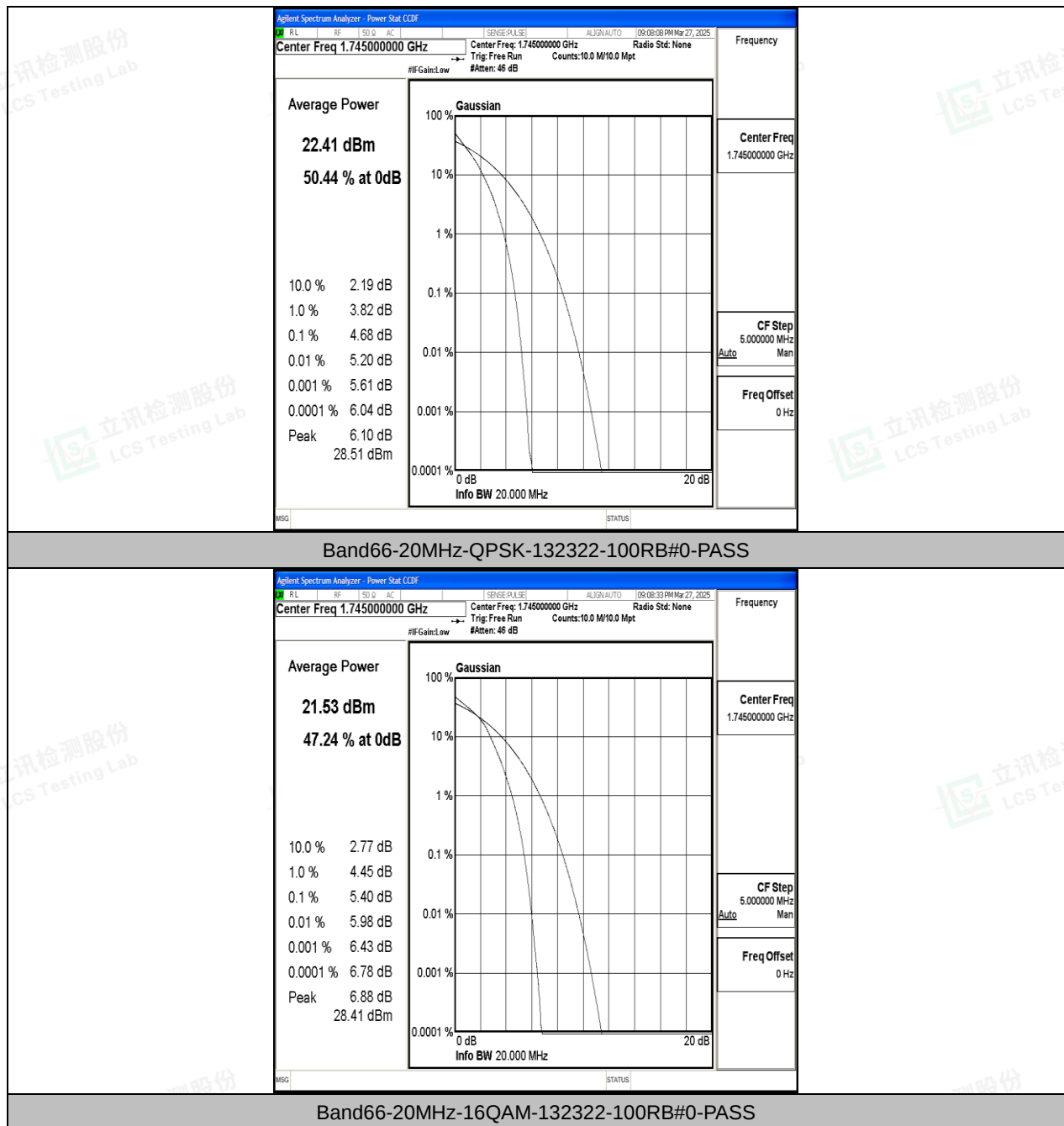


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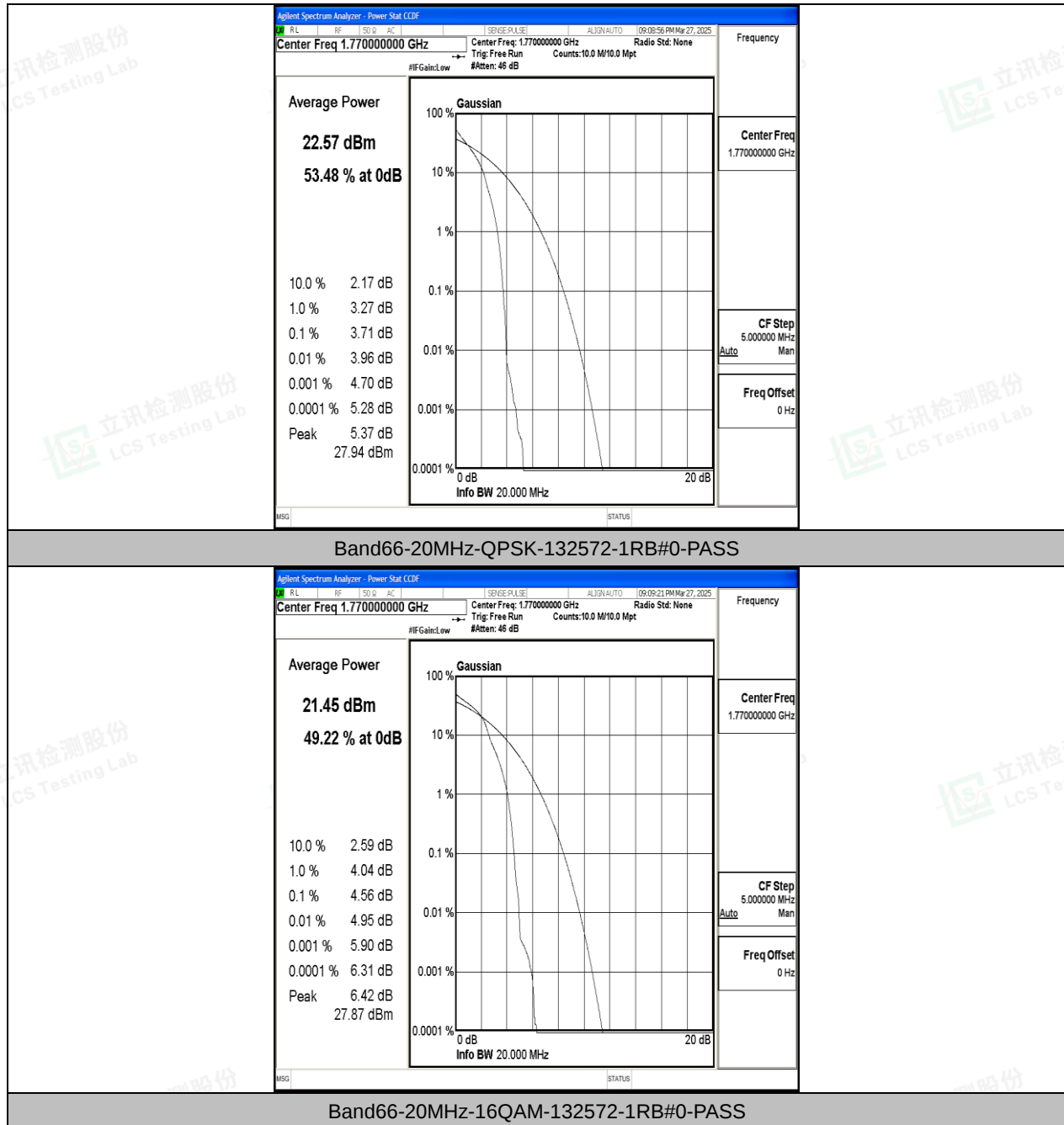


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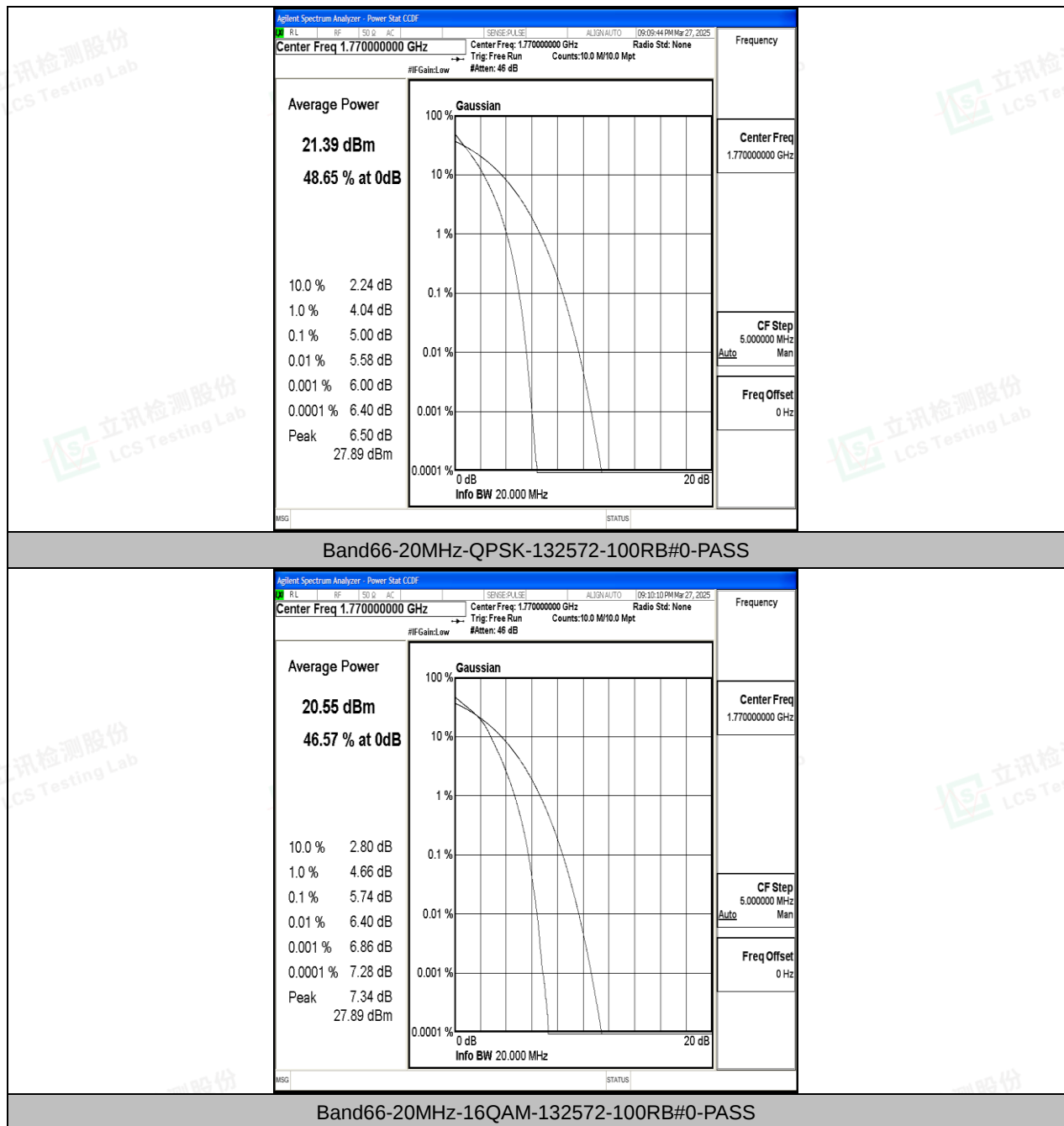


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### O.3 26dB Bandwidth and Occupied Bandwidth

#### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band66 | 1.4MHz    | QPSK       | 131979  | 6RB#0            | 1.0972                   | 1.318                | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 6RB#0            | 1.1117                   | 1.375                | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 6RB#0            | 1.0974                   | 1.460                | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 6RB#0            | 1.1080                   | 1.378                | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 6RB#0            | 1.0994                   | 1.472                | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 6RB#0            | 1.1100                   | 1.484                | PASS    |
| Band66 | 3MHz      | QPSK       | 131987  | 15RB#0           | 2.7256                   | 3.158                | PASS    |
| Band66 | 3MHz      | 16QAM      | 131987  | 15RB#0           | 2.7040                   | 3.124                | PASS    |
| Band66 | 3MHz      | QPSK       | 132322  | 15RB#0           | 2.7157                   | 3.185                | PASS    |
| Band66 | 3MHz      | 16QAM      | 132322  | 15RB#0           | 2.7028                   | 3.138                | PASS    |
| Band66 | 3MHz      | QPSK       | 132657  | 15RB#0           | 2.7181                   | 3.311                | PASS    |
| Band66 | 3MHz      | 16QAM      | 132657  | 15RB#0           | 2.7124                   | 3.146                | PASS    |
| Band66 | 5MHz      | QPSK       | 131997  | 25RB#0           | 4.5187                   | 5.453                | PASS    |
| Band66 | 5MHz      | 16QAM      | 131997  | 25RB#0           | 4.5394                   | 5.417                | PASS    |
| Band66 | 5MHz      | QPSK       | 132322  | 25RB#0           | 4.5316                   | 5.317                | PASS    |
| Band66 | 5MHz      | 16QAM      | 132322  | 25RB#0           | 4.5256                   | 5.273                | PASS    |
| Band66 | 5MHz      | QPSK       | 132647  | 25RB#0           | 4.5215                   | 5.335                | PASS    |
| Band66 | 5MHz      | 16QAM      | 132647  | 25RB#0           | 4.5342                   | 5.302                | PASS    |
| Band66 | 10MHz     | QPSK       | 132022  | 50RB#0           | 9.0276                   | 10.09                | PASS    |
| Band66 | 10MHz     | 16QAM      | 132022  | 50RB#0           | 9.0074                   | 9.948                | PASS    |
| Band66 | 10MHz     | QPSK       | 132322  | 50RB#0           | 9.0063                   | 10.09                | PASS    |
| Band66 | 10MHz     | 16QAM      | 132322  | 50RB#0           | 8.9927                   | 10.31                | PASS    |
| Band66 | 10MHz     | QPSK       | 132622  | 50RB#0           | 9.0051                   | 10.00                | PASS    |
| Band66 | 10MHz     | 16QAM      | 132622  | 50RB#0           | 9.0031                   | 10.12                | PASS    |
| Band66 | 15MHz     | QPSK       | 132047  | 75RB#0           | 13.517                   | 15.57                | PASS    |
| Band66 | 15MHz     | 16QAM      | 132047  | 75RB#0           | 13.532                   | 14.81                | PASS    |
| Band66 | 15MHz     | QPSK       | 132322  | 75RB#0           | 13.480                   | 15.39                | PASS    |
| Band66 | 15MHz     | 16QAM      | 132322  | 75RB#0           | 13.482                   | 14.98                | PASS    |
| Band66 | 15MHz     | QPSK       | 132597  | 75RB#0           | 13.511                   | 15.35                | PASS    |
| Band66 | 15MHz     | 16QAM      | 132597  | 75RB#0           | 13.518                   | 15.03                | PASS    |
| Band66 | 20MHz     | QPSK       | 132072  | 100RB#0          | 18.033                   | 20.31                | PASS    |
| Band66 | 20MHz     | 16QAM      | 132072  | 100RB#0          | 18.106                   | 20.12                | PASS    |
| Band66 | 20MHz     | QPSK       | 132322  | 100RB#0          | 17.959                   | 19.93                | PASS    |
| Band66 | 20MHz     | 16QAM      | 132322  | 100RB#0          | 17.972                   | 20.07                | PASS    |



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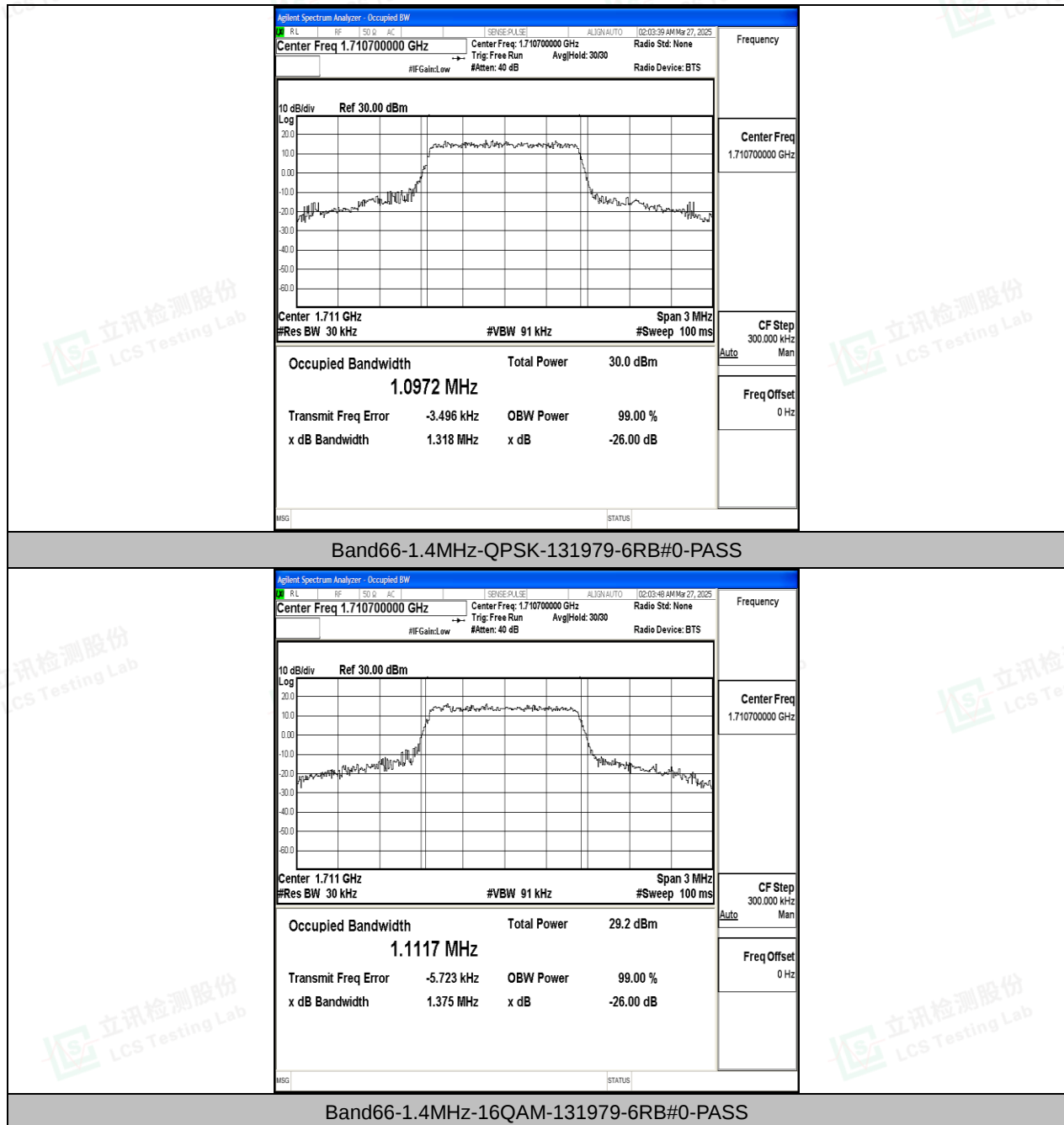
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|--------|-------|-------|--------|---------|--------|-------|------|
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| Band66 | 20MHz | 16QAM | 132572 | 100RB#0 | 18.084 | 20.22 | PASS |



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## Test Graphs

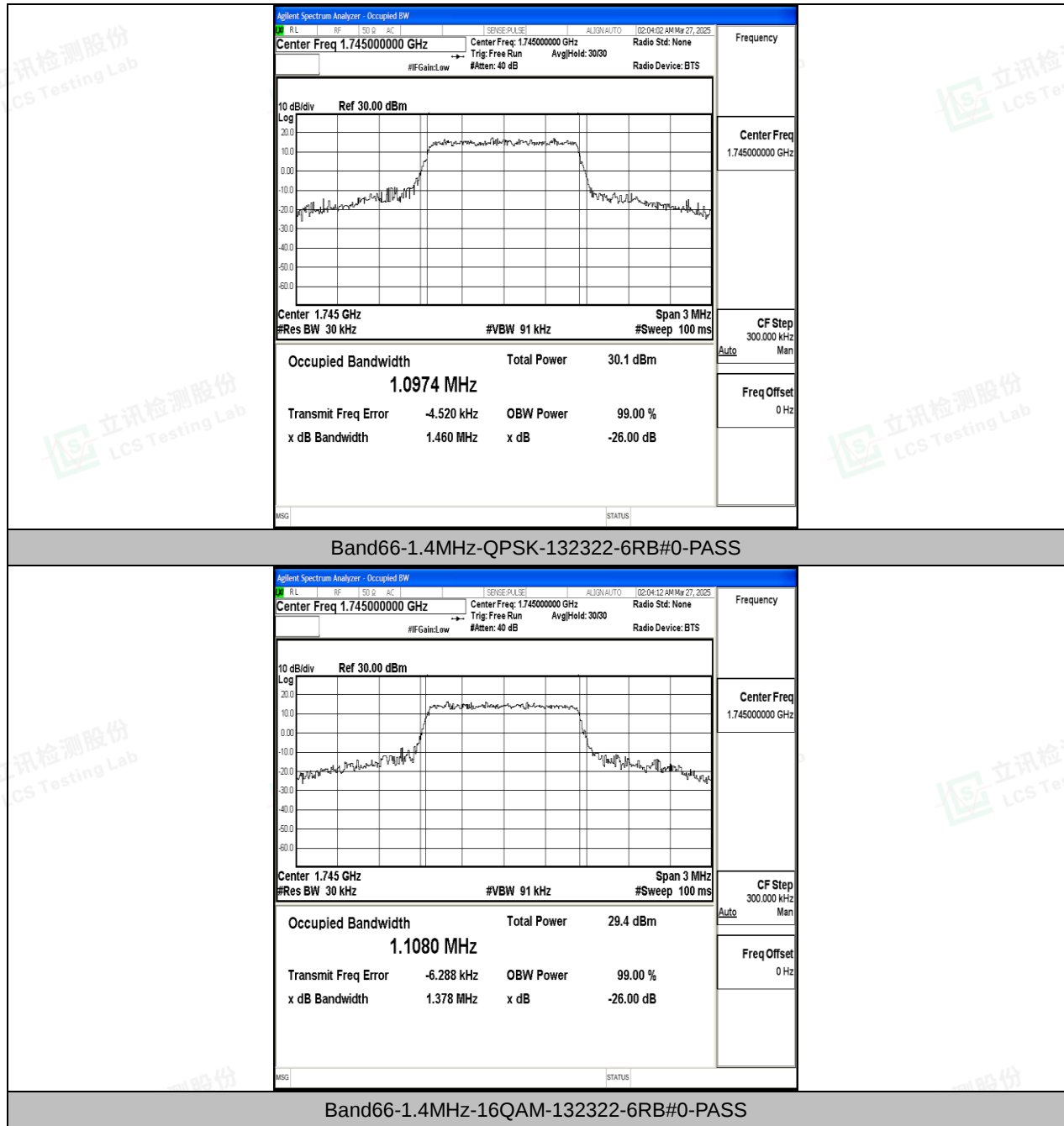


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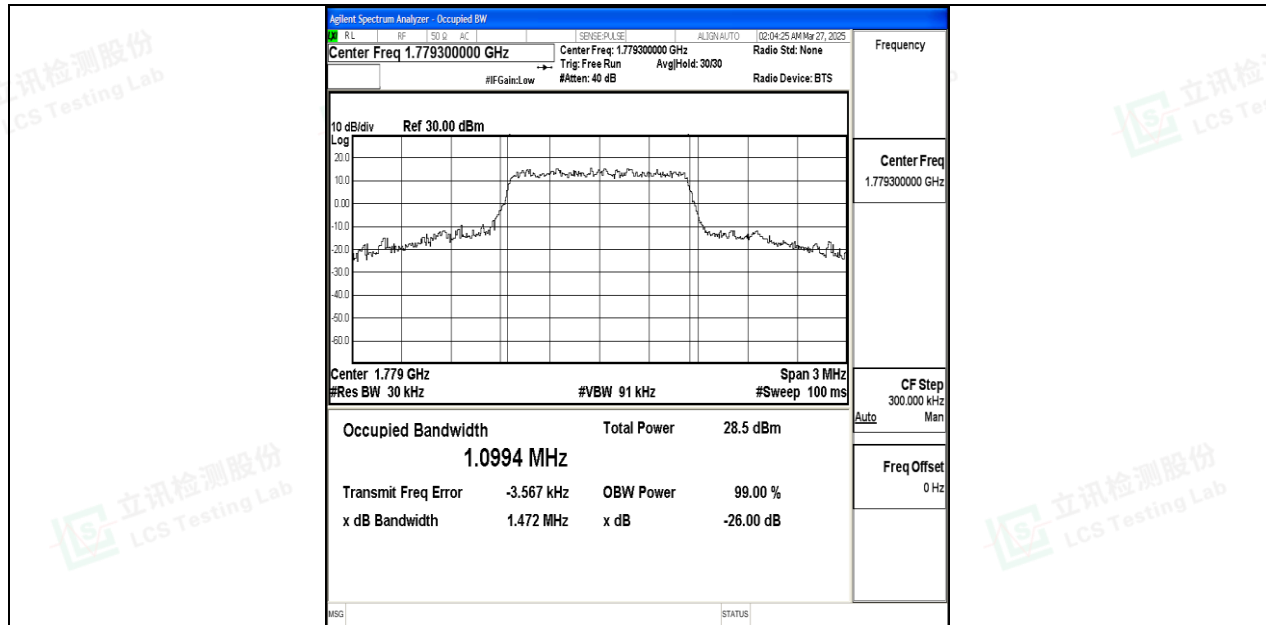


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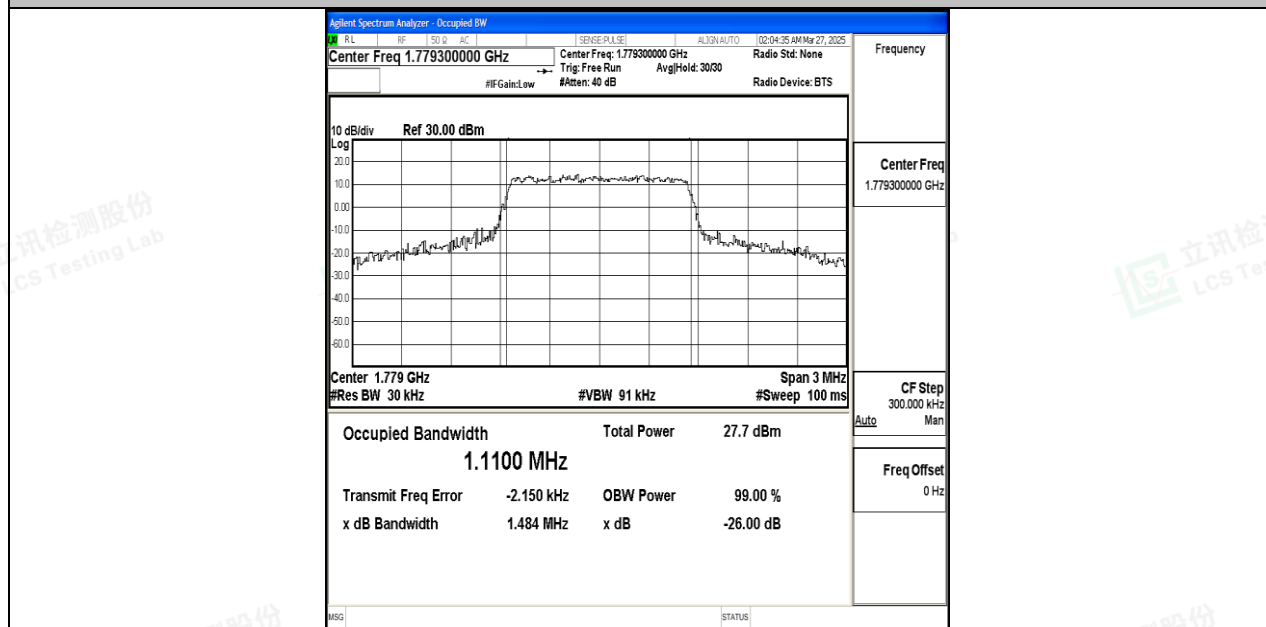
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## Band66-1.4MHz-QPSK-132665-6RB#0-PASS



## Band66-1.4MHz-16QAM-132665-6RB#0-PASS

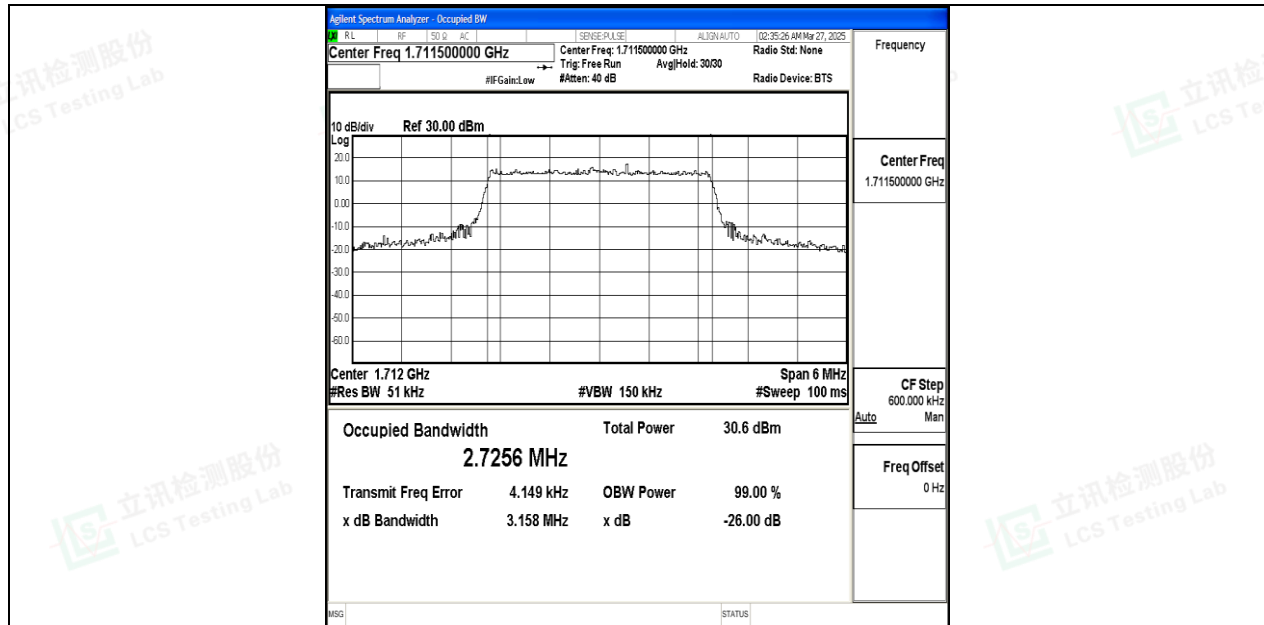


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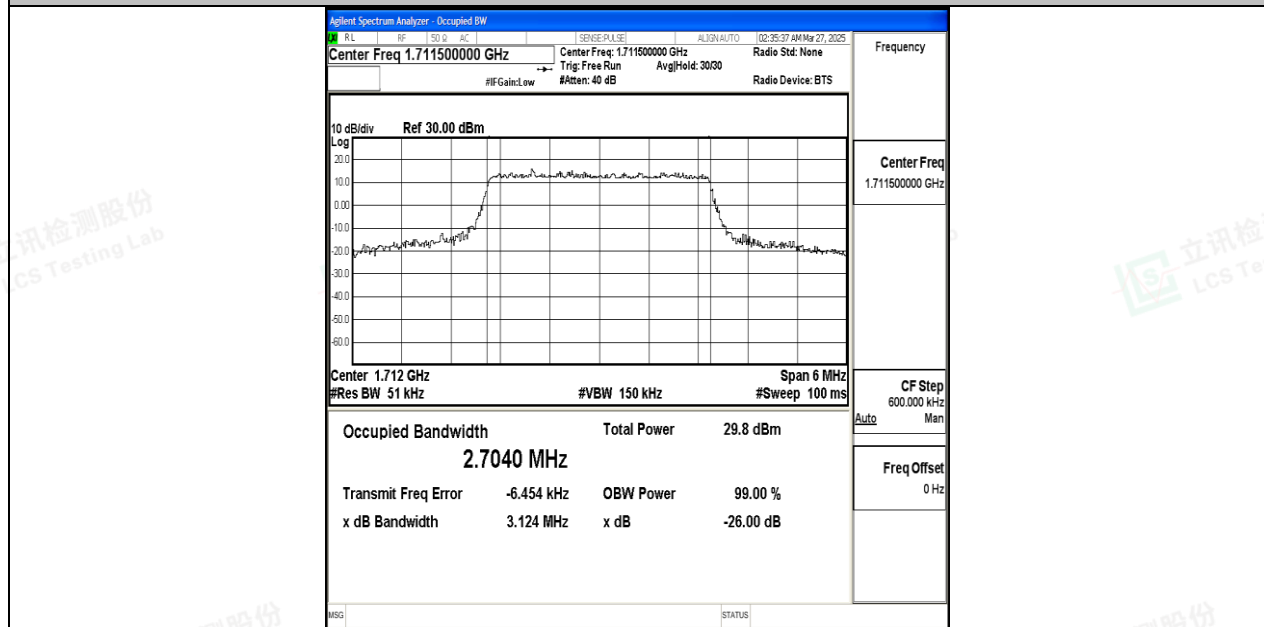
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## Band66-3MHz-QPSK-131987-15RB#0-PASS



## Band66-3MHz-16QAM-131987-15RB#0-PASS

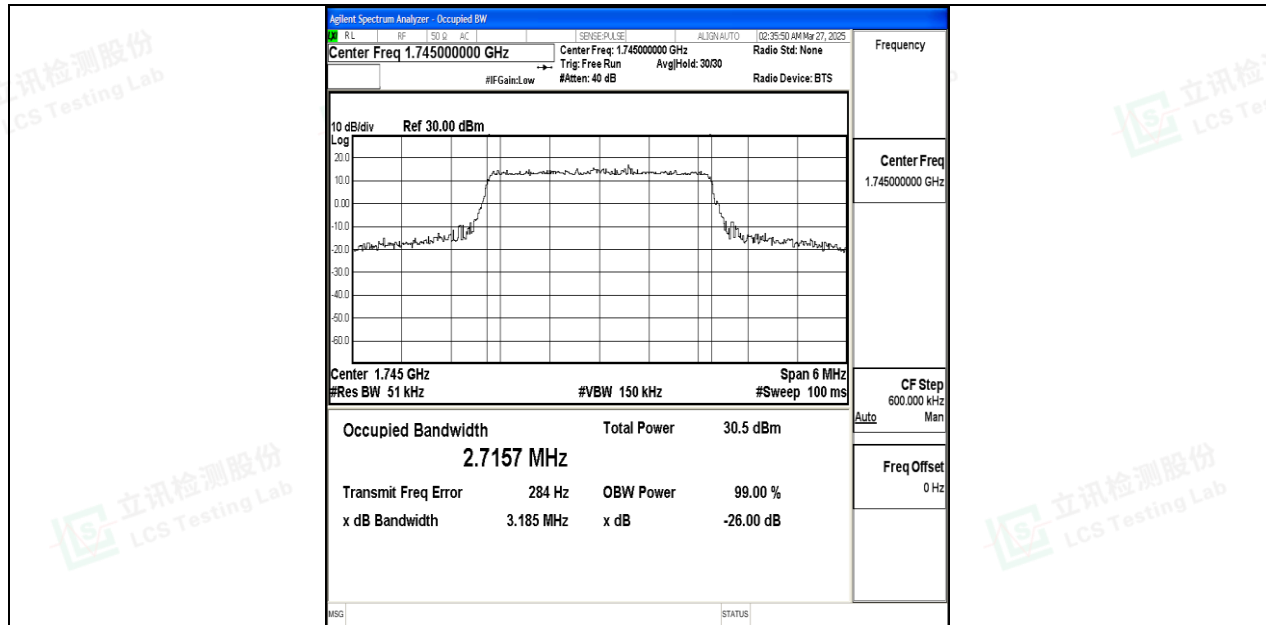


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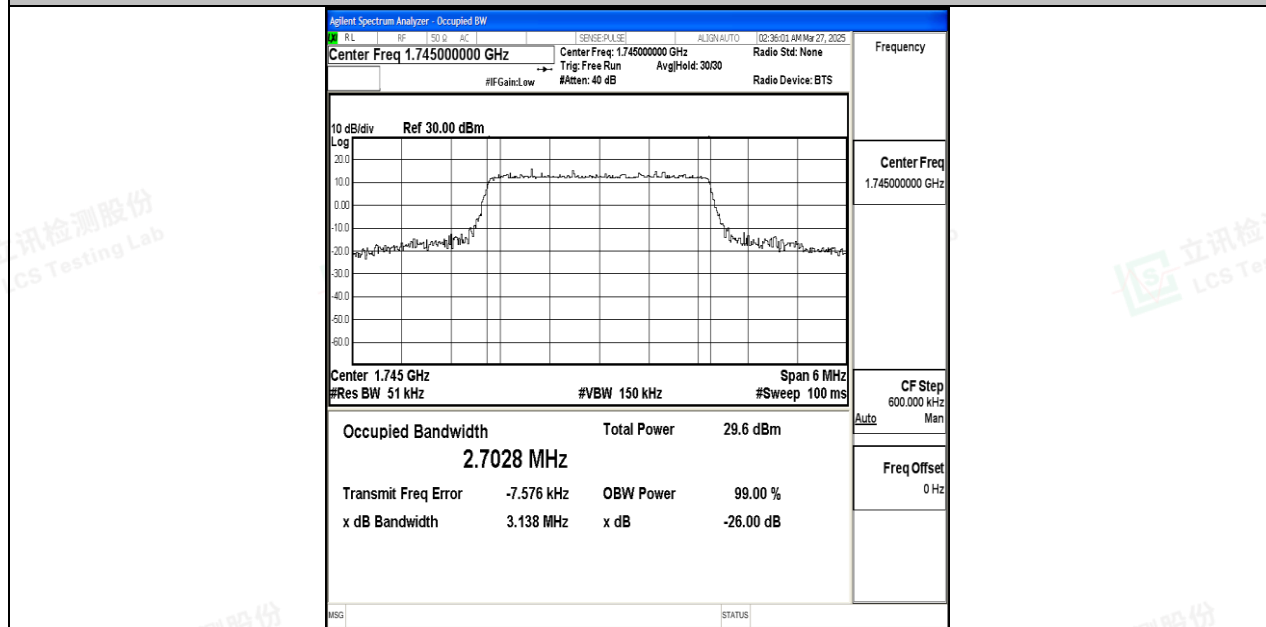
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## Band66-3MHz-QPSK-132322-15RB#0-PASS



## Band66-3MHz-16QAM-132322-15RB#0-PASS

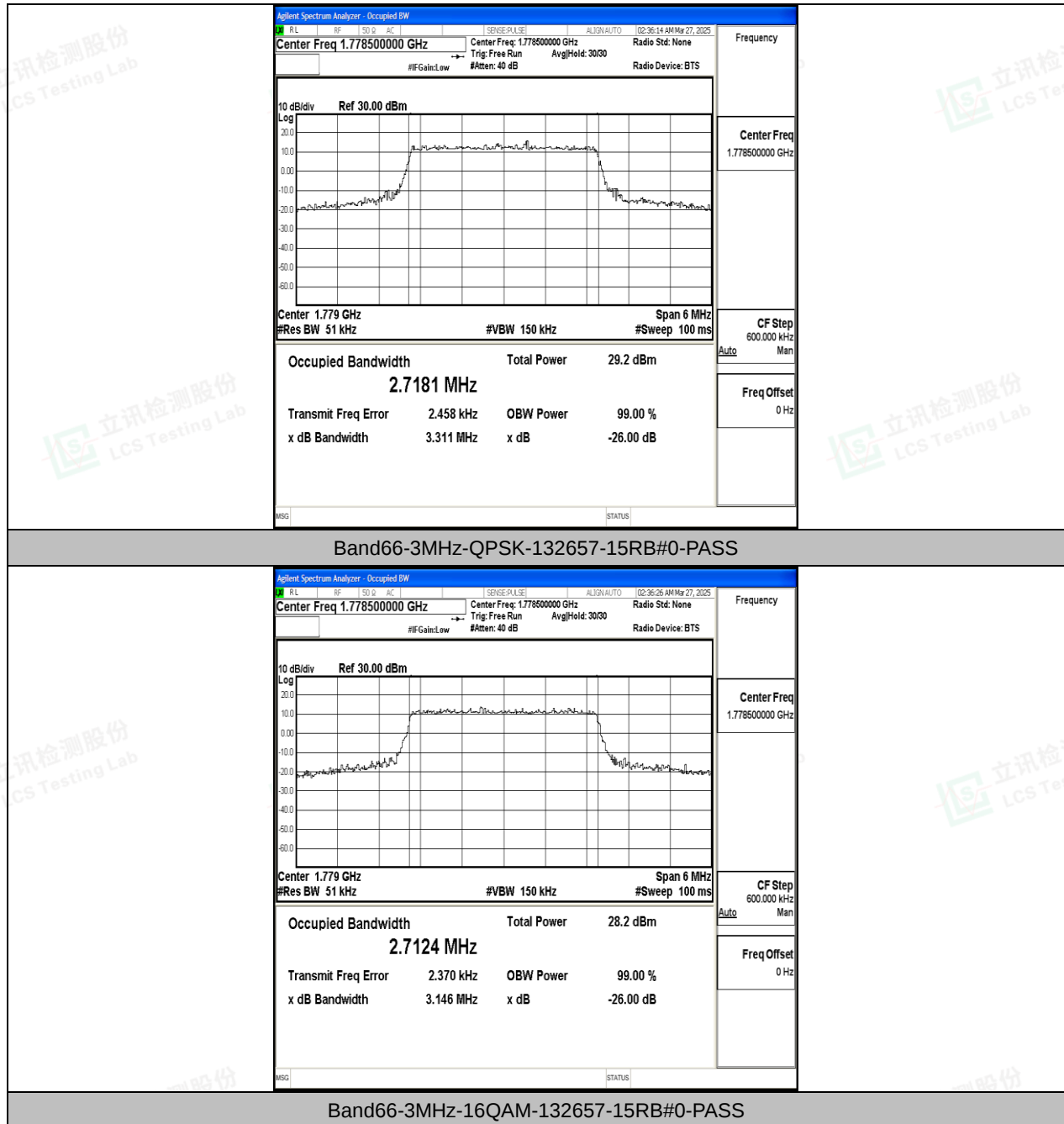


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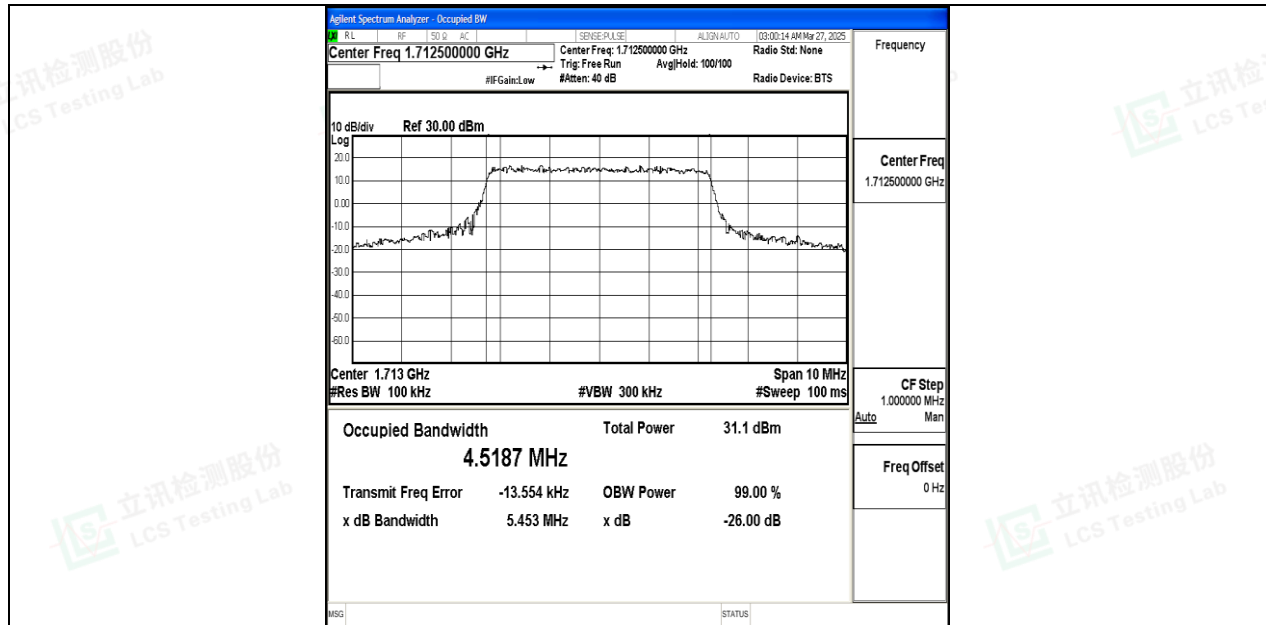


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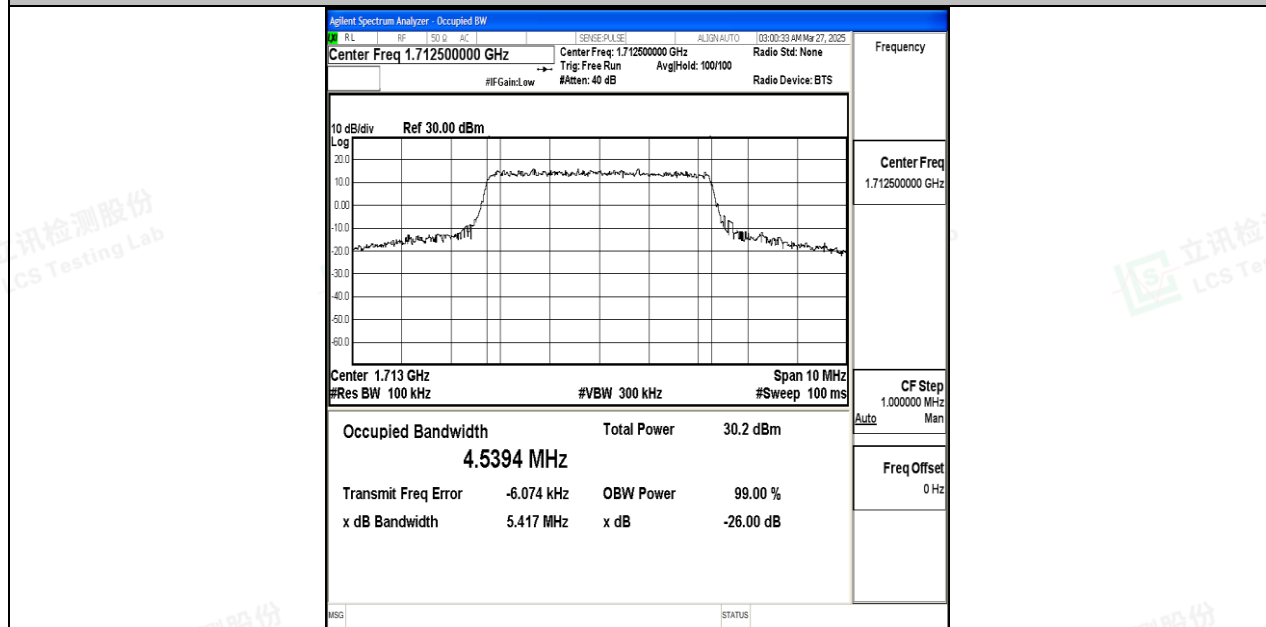
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## Band66-5MHz-QPSK-131997-25RB#0-PASS



## Band66-5MHz-16QAM-131997-25RB#0-PASS

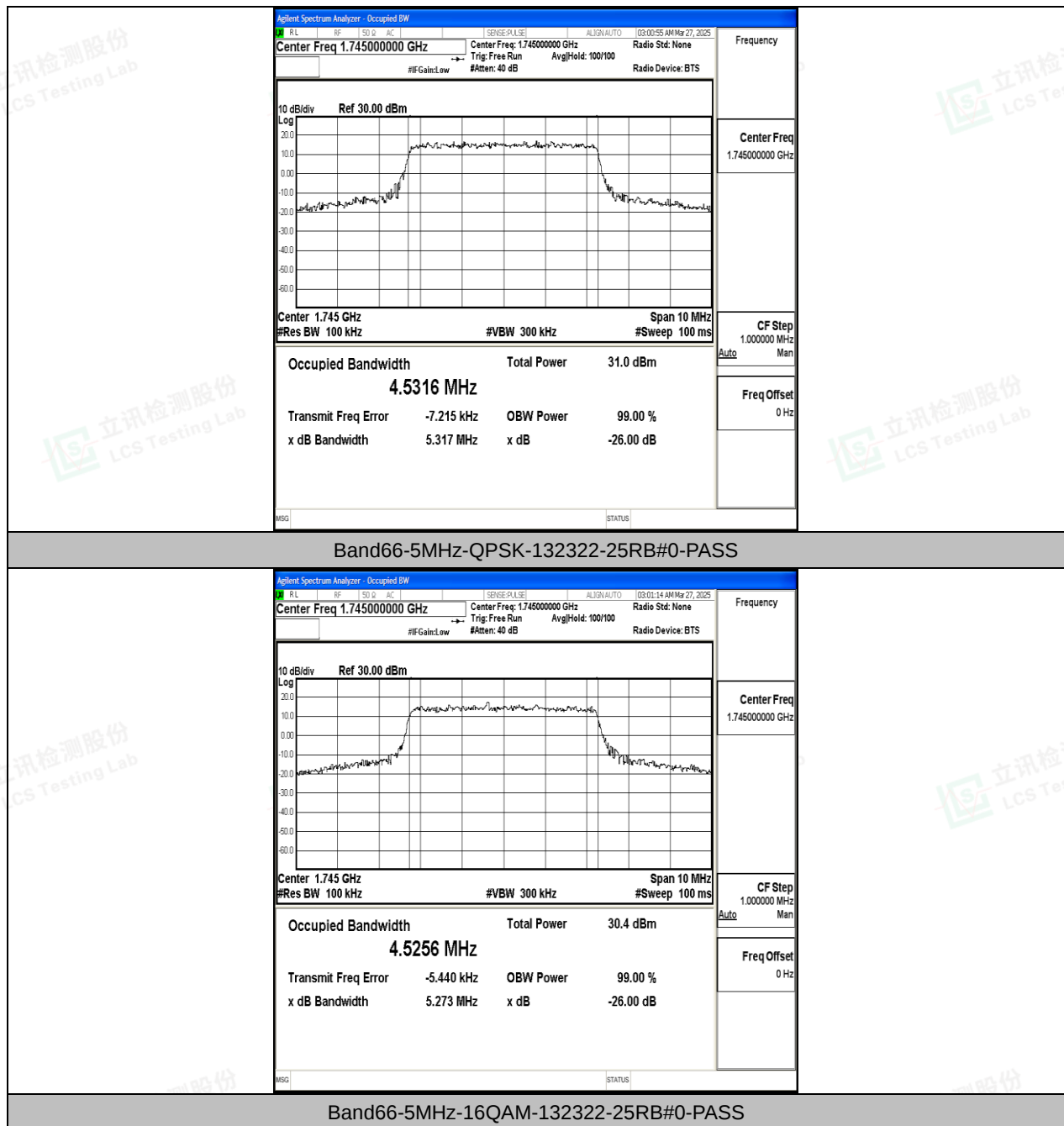


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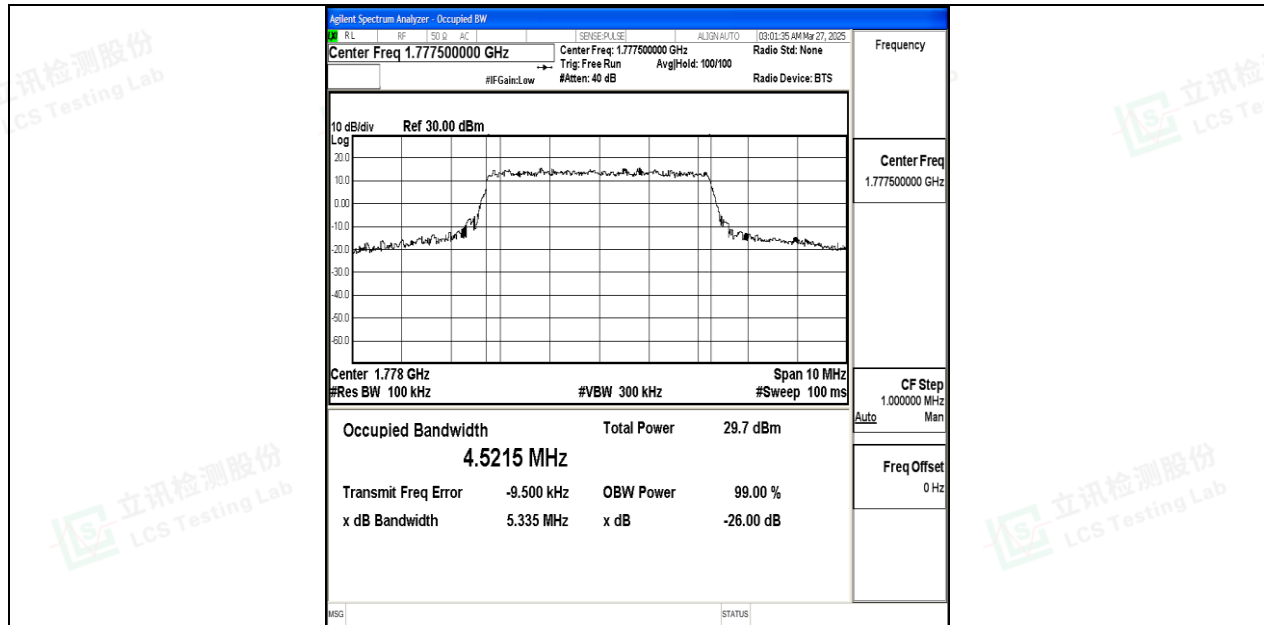


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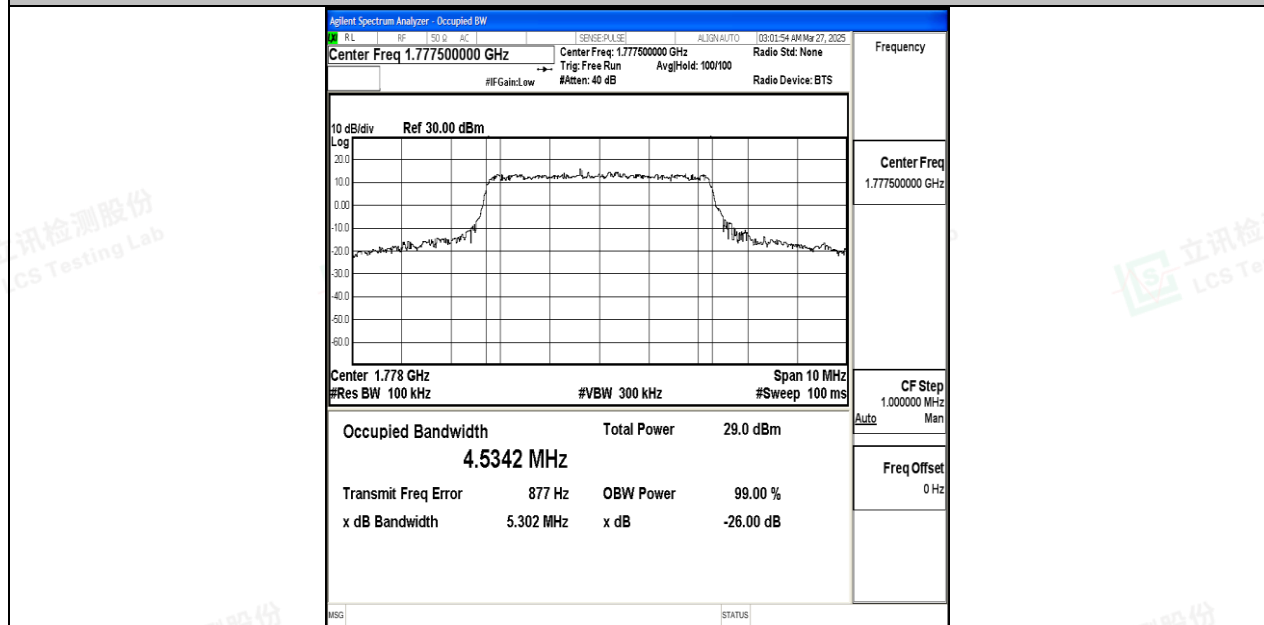
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## Band66-5MHz-QPSK-132647-25RB#0-PASS



## Band66-5MHz-16QAM-132647-25RB#0-PASS

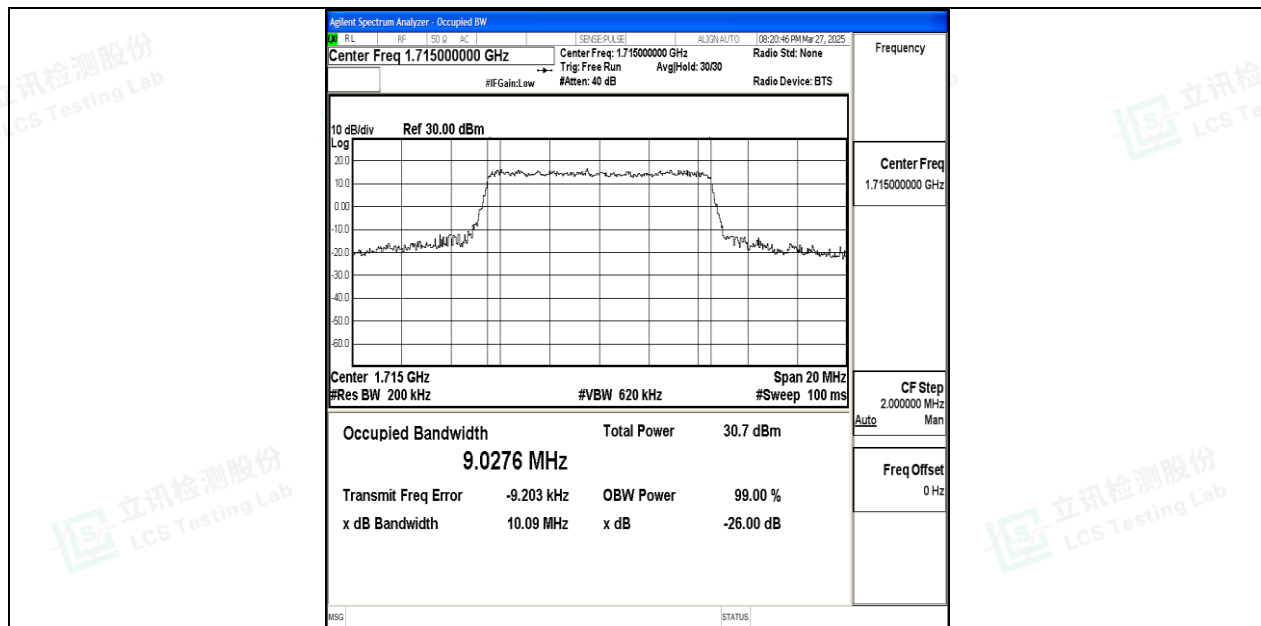


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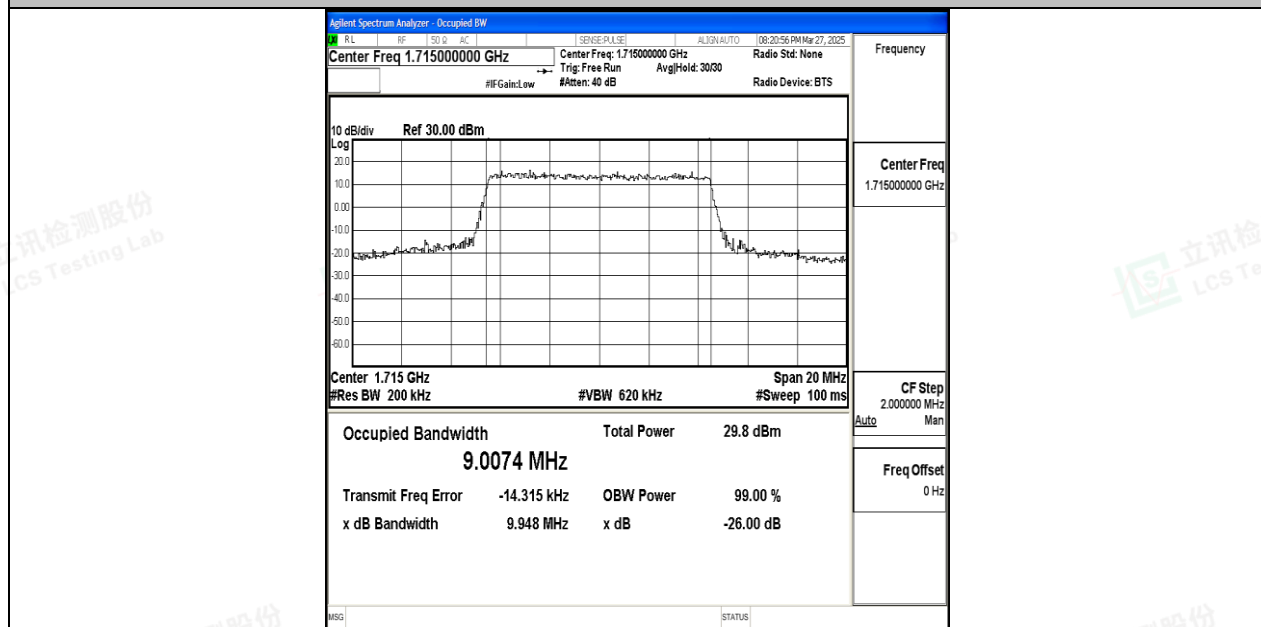
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## Band66-10MHz-QPSK-132022-50RB#0-PASS



## Band66-10MHz-16QAM-132022-50RB#0-PASS

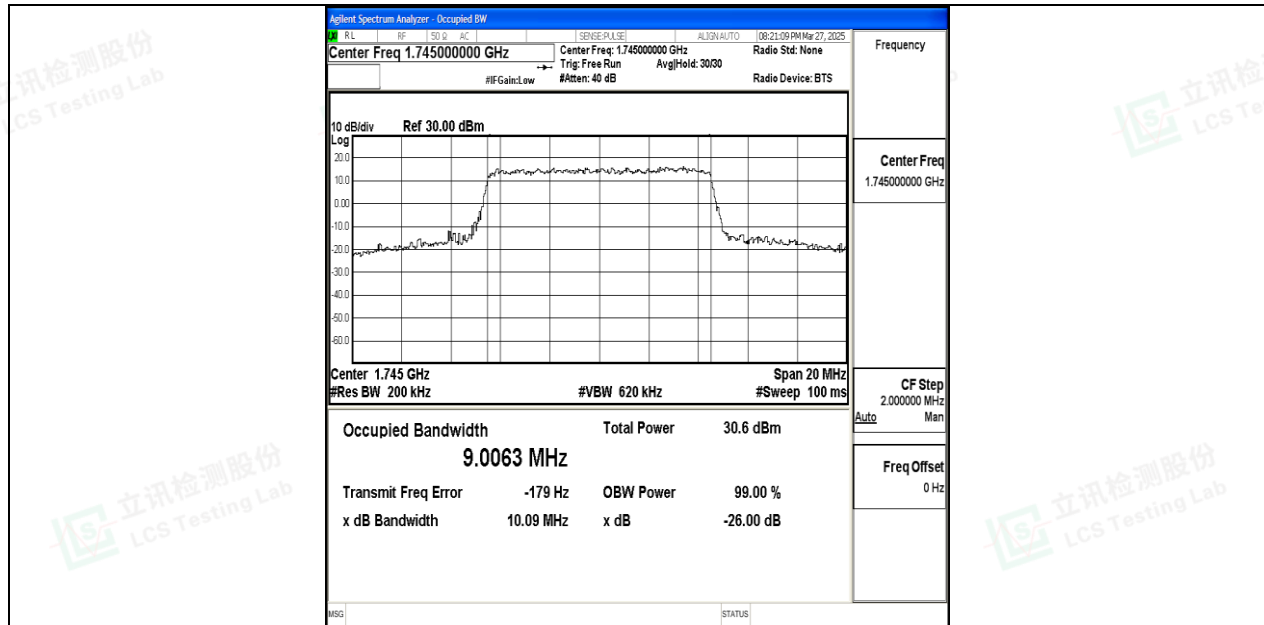


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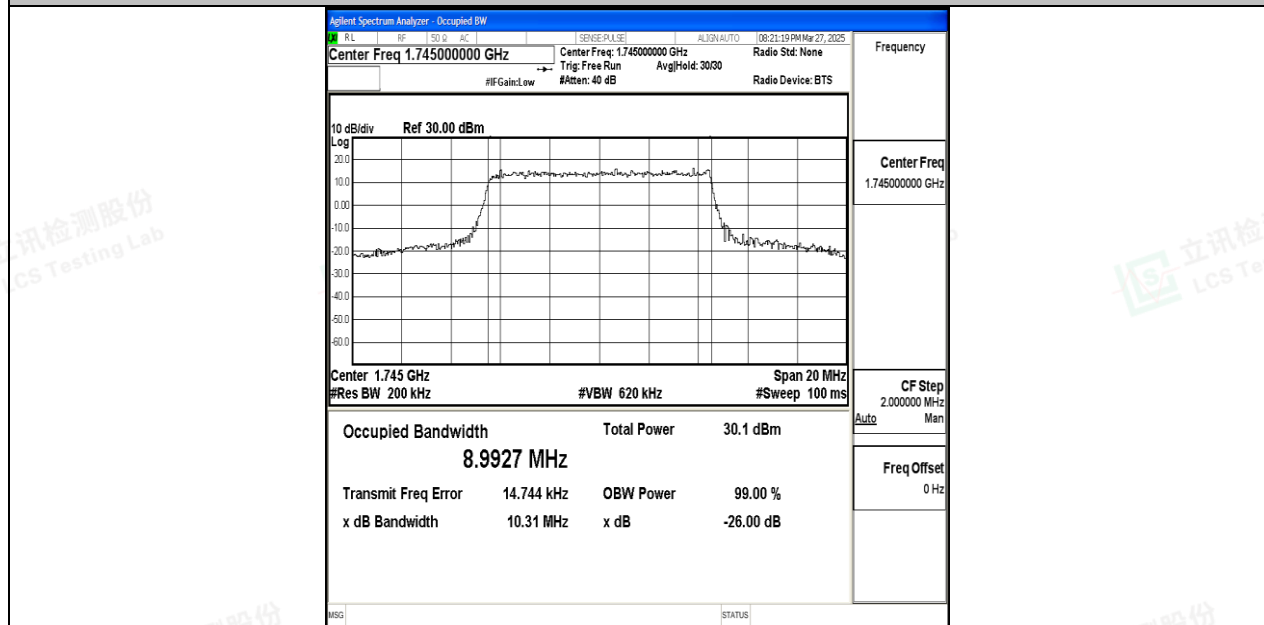
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## Band66-10MHz-QPSK-132322-50RB#0-PASS



## Band66-10MHz-16QAM-132322-50RB#0-PASS

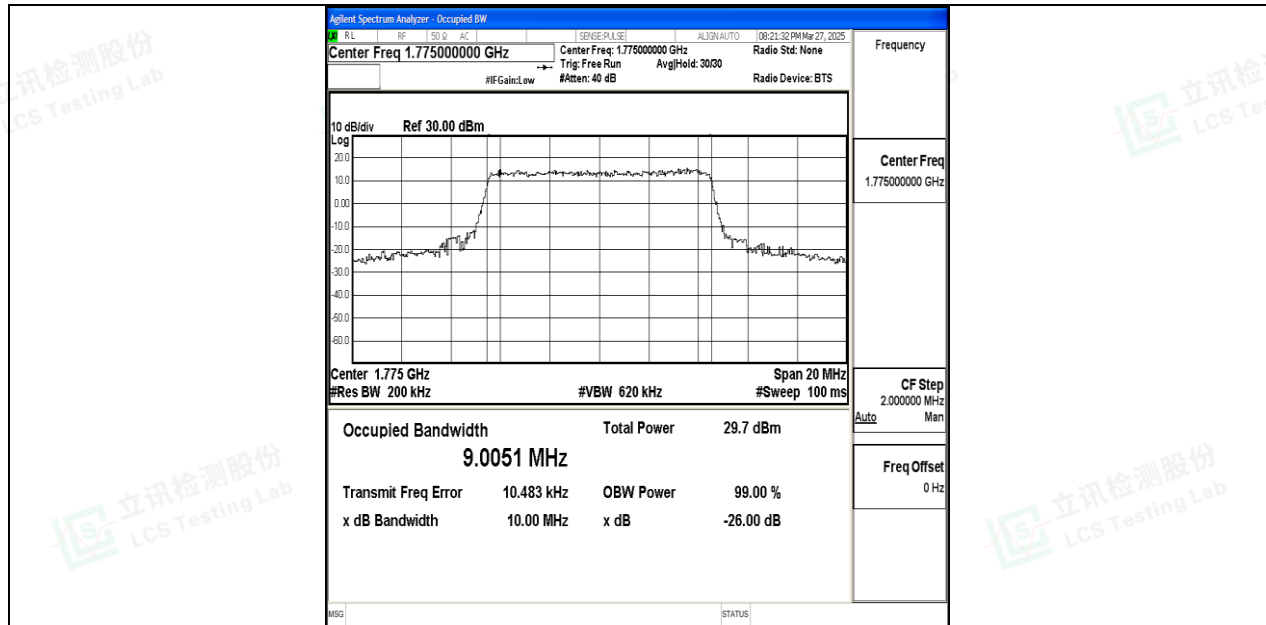


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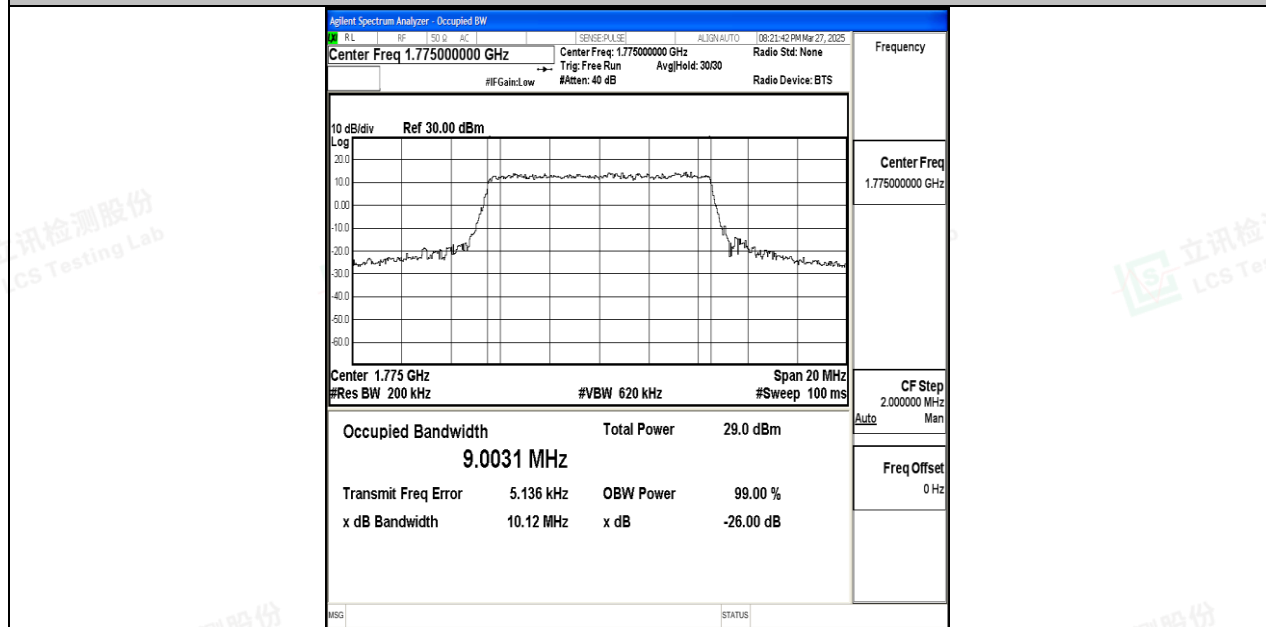
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## Band66-10MHz-QPSK-132622-50RB#0-PASS



## Band66-10MHz-16QAM-132622-50RB#0-PASS

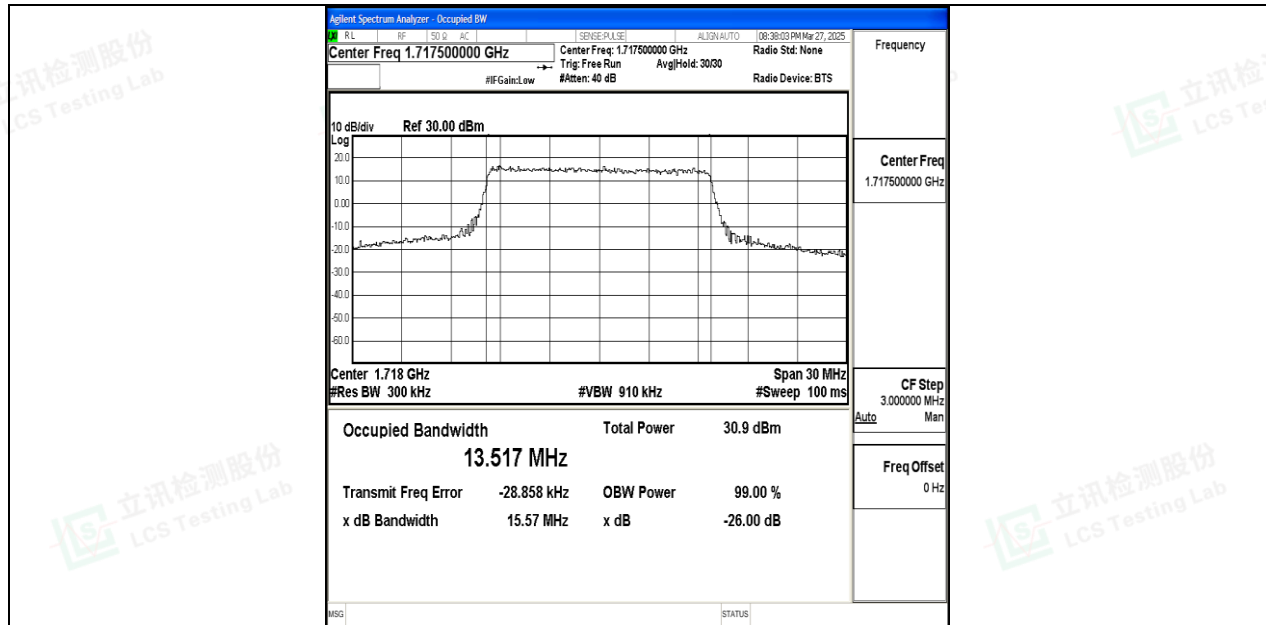


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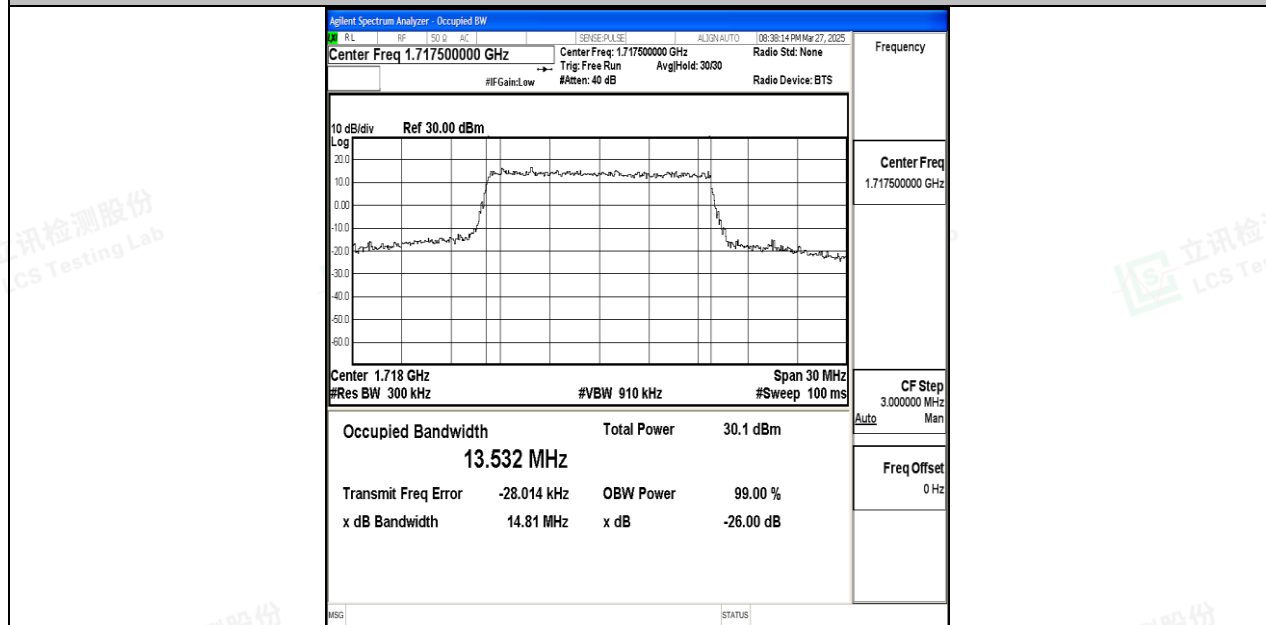
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## Band66-15MHz-QPSK-132047-75RB#0-PASS



## Band66-15MHz-16QAM-132047-75RB#0-PASS



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