



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

**Product Name: Mobile phone**

**Test Model: F175**

### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 25.2°C    |
| Relative Humidity: | 54.8%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Jerry Chu |
| Supervised by:     | Can Kun   |



## H.1 Conducted Output Power Data

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 23.57       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#2            | 23.72       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5            | 23.63       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#0            | 23.77       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#1            | 23.75       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#3            | 23.77       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 22.68       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 22.48       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#2            | 23.05       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#5            | 22.52       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#0            | 22.58       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#1            | 22.75       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#3            | 22.56       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 21.74       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 23.27       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#2            | 23.38       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#5            | 23.22       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#0            | 23.37       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#1            | 23.31       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#3            | 23.38       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 22.20       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 22.42       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#2            | 22.59       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#5            | 22.35       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#0            | 22.27       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#1            | 22.45       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#3            | 22.22       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 21.40       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 23.25       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#2            | 23.44       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5            | 23.26       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#0            | 23.40       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#1            | 23.35       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#3            | 23.44       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 22.32       | PASS    |



|       |        |       |       |        |       |      |
|-------|--------|-------|-------|--------|-------|------|
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0  | 22.42 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#2  | 22.84 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5  | 22.40 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#0  | 22.29 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#1  | 22.39 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3  | 22.37 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | 21.26 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#0  | 23.72 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#8  | 23.64 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#14 | 23.69 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#0  | 22.72 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#4  | 22.66 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#7  | 22.67 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | 22.62 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#0  | 22.63 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#8  | 22.92 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#14 | 22.54 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#0  | 21.77 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#4  | 21.73 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#7  | 21.73 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | 21.61 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#0  | 23.26 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#8  | 23.25 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#14 | 23.25 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#0  | 22.27 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#4  | 22.29 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#7  | 22.33 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | 22.30 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#0  | 22.52 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#8  | 22.58 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#14 | 22.50 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 8RB#0  | 21.43 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 8RB#4  | 21.48 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 8RB#7  | 21.43 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 15RB#0 | 21.37 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#0  | 23.32 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#8  | 23.35 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#14 | 23.25 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#0  | 22.33 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#4  | 22.36 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#7  | 22.30 | PASS |



|       |      |       |       |         |       |      |
|-------|------|-------|-------|---------|-------|------|
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0  | 22.34 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0   | 22.49 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#8   | 22.68 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14  | 22.45 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#0   | 21.43 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4   | 21.39 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7   | 21.39 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0  | 21.31 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#0   | 23.66 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#12  | 23.86 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#24  | 23.62 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#0  | 22.77 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#6  | 22.73 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#13 | 22.58 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0  | 22.70 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0   | 22.71 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#12  | 23.13 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#24  | 22.61 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#0  | 21.84 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#6  | 21.77 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#13 | 21.69 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0  | 21.83 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#0   | 23.30 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#12  | 23.51 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#24  | 23.26 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#0  | 22.34 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#6  | 22.39 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#13 | 22.37 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0  | 22.38 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0   | 22.33 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#12  | 22.89 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#24  | 22.27 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#0  | 21.31 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#6  | 21.48 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#13 | 21.45 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0  | 21.46 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#0   | 23.29 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#12  | 23.63 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#24  | 23.31 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#0  | 22.35 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#6  | 22.43 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 5MHz  | QPSK  | 20375 | 12RB#13 | 22.29 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0  | 22.35 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0   | 22.55 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#12  | 22.87 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#24  | 22.47 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#0  | 21.41 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#6  | 21.52 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#13 | 21.32 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | 21.38 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 23.66 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#24  | 23.77 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#49  | 23.49 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#0  | 22.75 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#12 | 22.64 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#25 | 22.57 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 22.62 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 22.57 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24  | 23.11 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | 22.44 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0  | 21.87 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 21.66 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 21.71 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 21.73 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 23.27 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#24  | 23.38 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#49  | 23.27 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#0  | 22.26 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#12 | 22.33 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#25 | 22.43 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 22.39 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 22.55 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24  | 22.69 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49  | 22.42 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0  | 21.42 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 21.43 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 21.50 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 21.48 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 23.38 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#24  | 23.46 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | 23.28 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#0  | 22.40 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 10MHz | QPSK  | 20350 | 25RB#12 | 22.39 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#25 | 22.38 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 22.35 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 22.55 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24  | 22.88 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | 22.41 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0  | 21.52 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 21.46 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 21.42 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 21.46 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 23.60 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#38  | 23.64 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | 23.28 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#0  | 22.71 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#18 | 22.65 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#37 | 22.47 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 22.61 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 22.48 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38  | 22.87 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | 22.16 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#0  | 21.75 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#18 | 21.65 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#37 | 21.51 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 21.68 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 23.21 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#38  | 23.26 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#74  | 23.13 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#0  | 22.34 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#18 | 22.33 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#37 | 22.45 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 22.38 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 22.49 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38  | 22.60 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74  | 22.35 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#0  | 21.31 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#18 | 21.35 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#37 | 21.41 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 21.44 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 23.28 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#38  | 23.44 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | 23.18 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 15MHz | QPSK  | 20325 | 38RB#0  | 22.43 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#18 | 22.50 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#37 | 22.39 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 22.44 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 22.59 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38  | 22.72 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | 22.46 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#0  | 21.46 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#18 | 21.50 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#37 | 21.43 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 21.50 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 23.37 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#49  | 23.59 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | 23.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#0  | 22.68 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#25 | 22.54 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#50 | 22.43 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 22.58 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 22.51 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49  | 22.93 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | 22.12 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0  | 21.83 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 21.66 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 21.57 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 21.69 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 23.30 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#49  | 23.53 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#99  | 23.18 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#0  | 22.29 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#25 | 22.39 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#50 | 22.49 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 22.38 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 22.24 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49  | 22.74 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99  | 22.20 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0  | 21.38 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 21.39 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 21.51 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 21.41 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 23.15 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#49  | 23.61 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | 23.11 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#0  | 22.25 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#25 | 22.41 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#50 | 22.37 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 22.29 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 22.34 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49  | 22.97 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | 22.28 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0  | 21.35 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 21.51 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 21.44 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 21.35 | PASS |



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

### Test Result

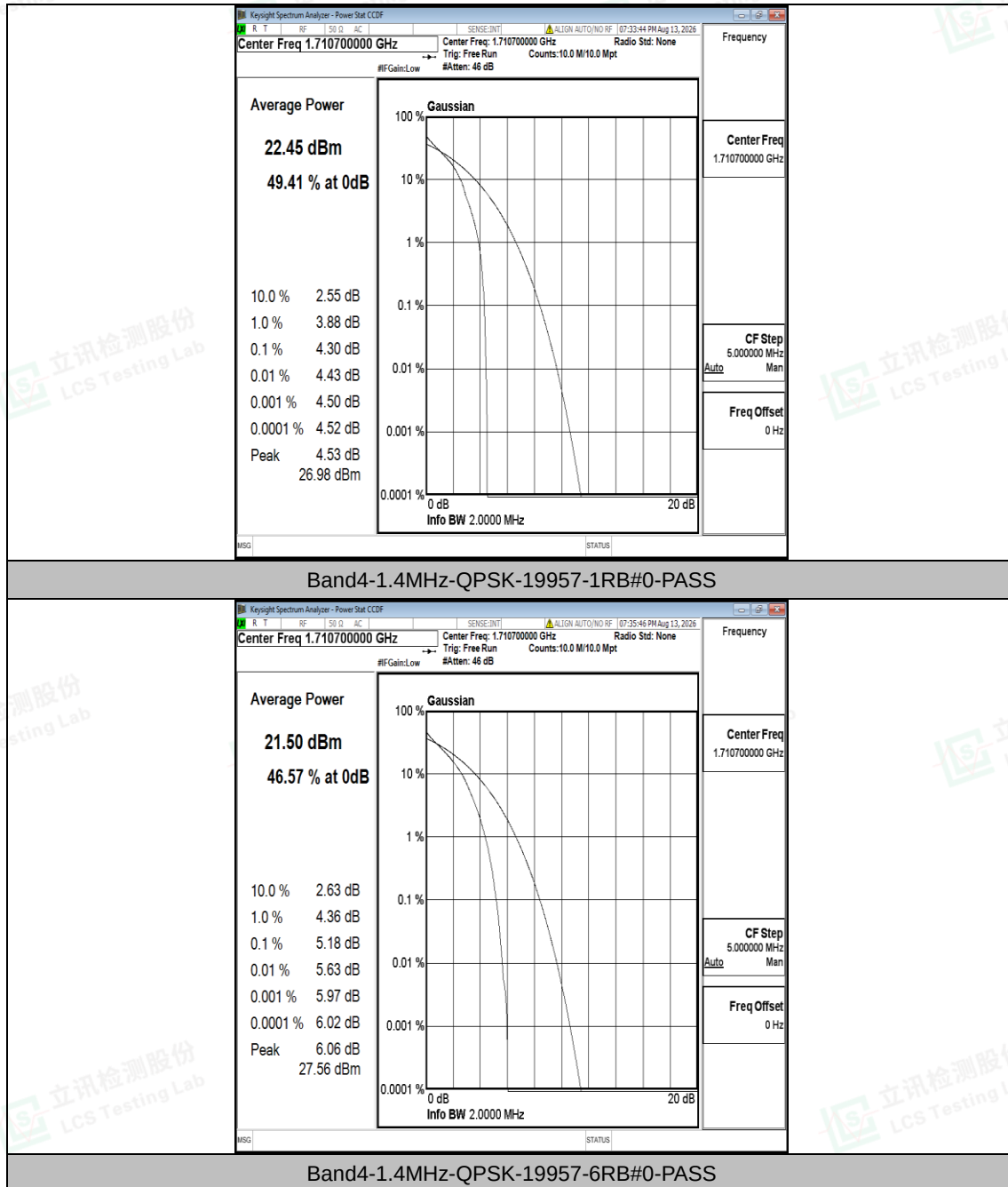
| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 4.30       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 5.18       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 5.21       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 5.92       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 4.71       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 5.43       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 5.62       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 6.18       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 4.67       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 5.33       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | 5.58       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 6.10       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | 4.21       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 5.35       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | 5.04       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 6.16       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 1RB#0            | 4.73       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 5.53       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 1RB#0            | 5.59       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 6.35       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#0            | 4.52       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 5.40       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 1RB#0            | 5.34       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 6.22       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#0            | 4.41       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 5.61       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#0            | 5.11       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 6.28       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 1RB#0            | 5.00       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 5.66       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 1RB#0            | 5.64       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 6.35       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#0            | 4.56       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 5.53       | 13        | PASS    |

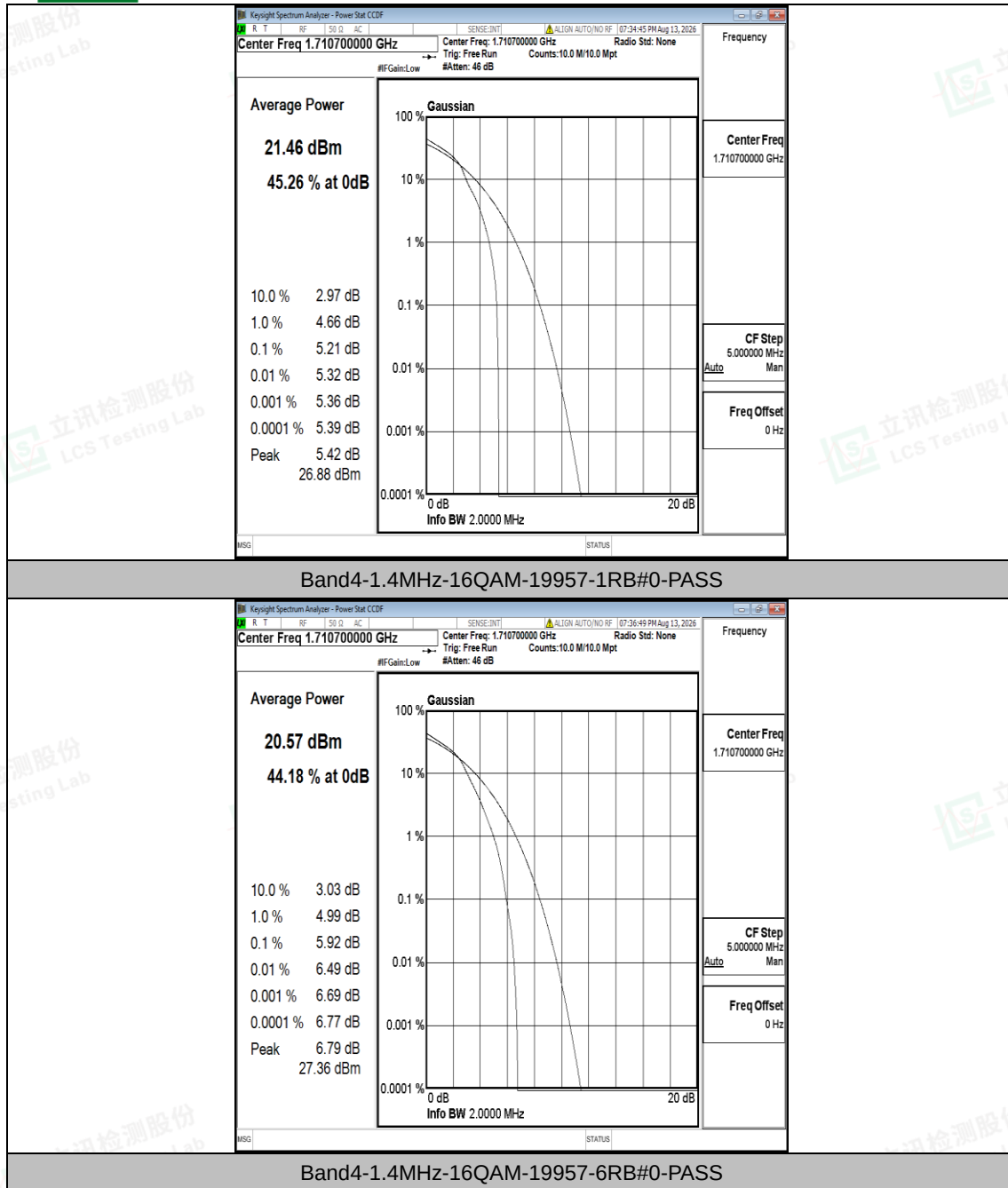


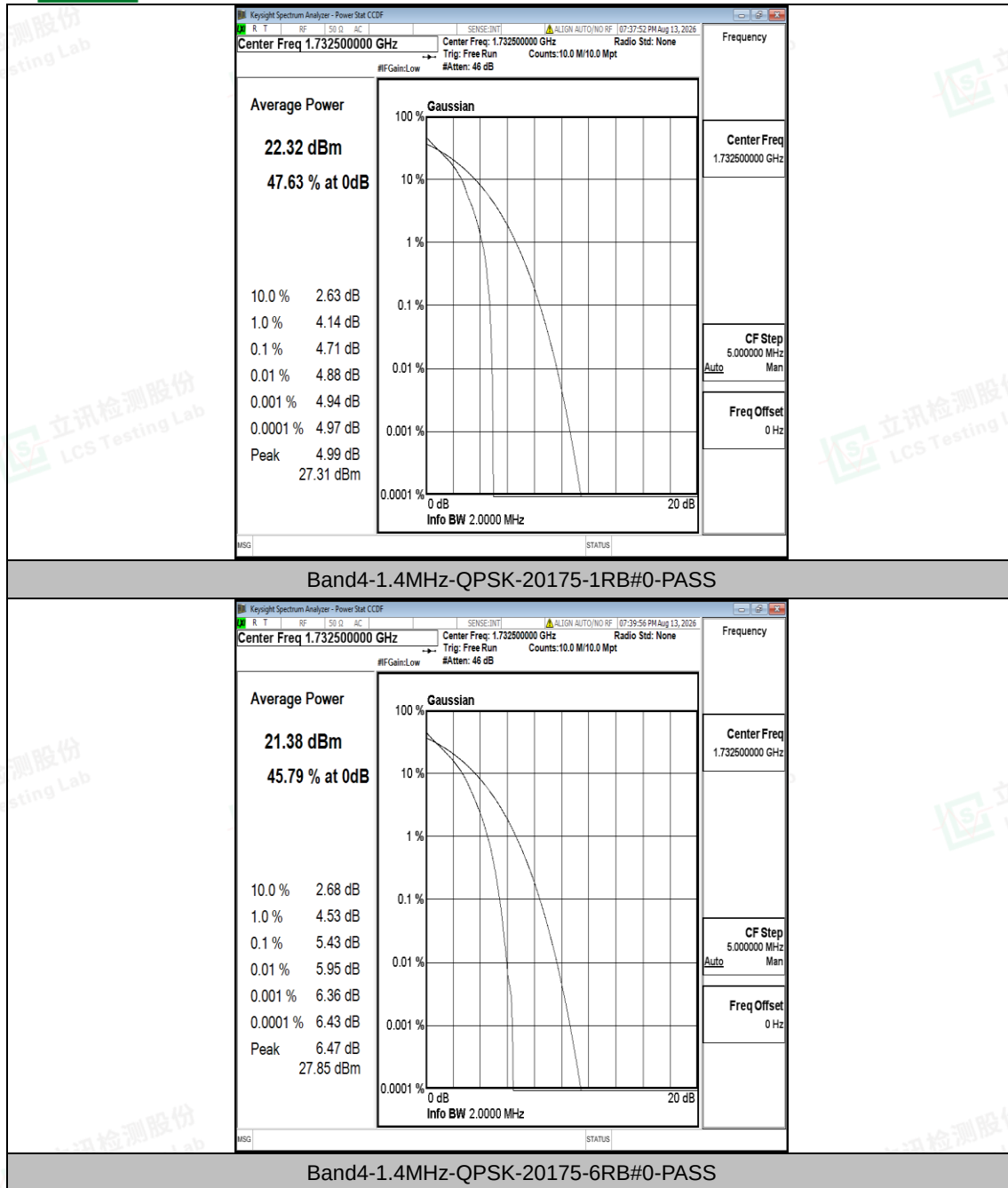
|       |       |       |       |         |      |    |      |
|-------|-------|-------|-------|---------|------|----|------|
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0   | 5.26 | 13 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | 6.22 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 4.27 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 5.68 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 5.12 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 6.40 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 4.87 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 5.63 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 5.73 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 6.37 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 4.02 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 5.40 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 4.84 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 6.18 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 4.59 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 5.51 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 5.44 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 6.29 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 5.05 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 5.46 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 5.97 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 6.26 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 4.77 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 5.21 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 5.29 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 6.06 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 4.47 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 5.71 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 5.12 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 6.48 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 4.92 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 5.59 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 5.56 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 6.38 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 4.62 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 5.41 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 5.64 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 6.15 | 13 | PASS |

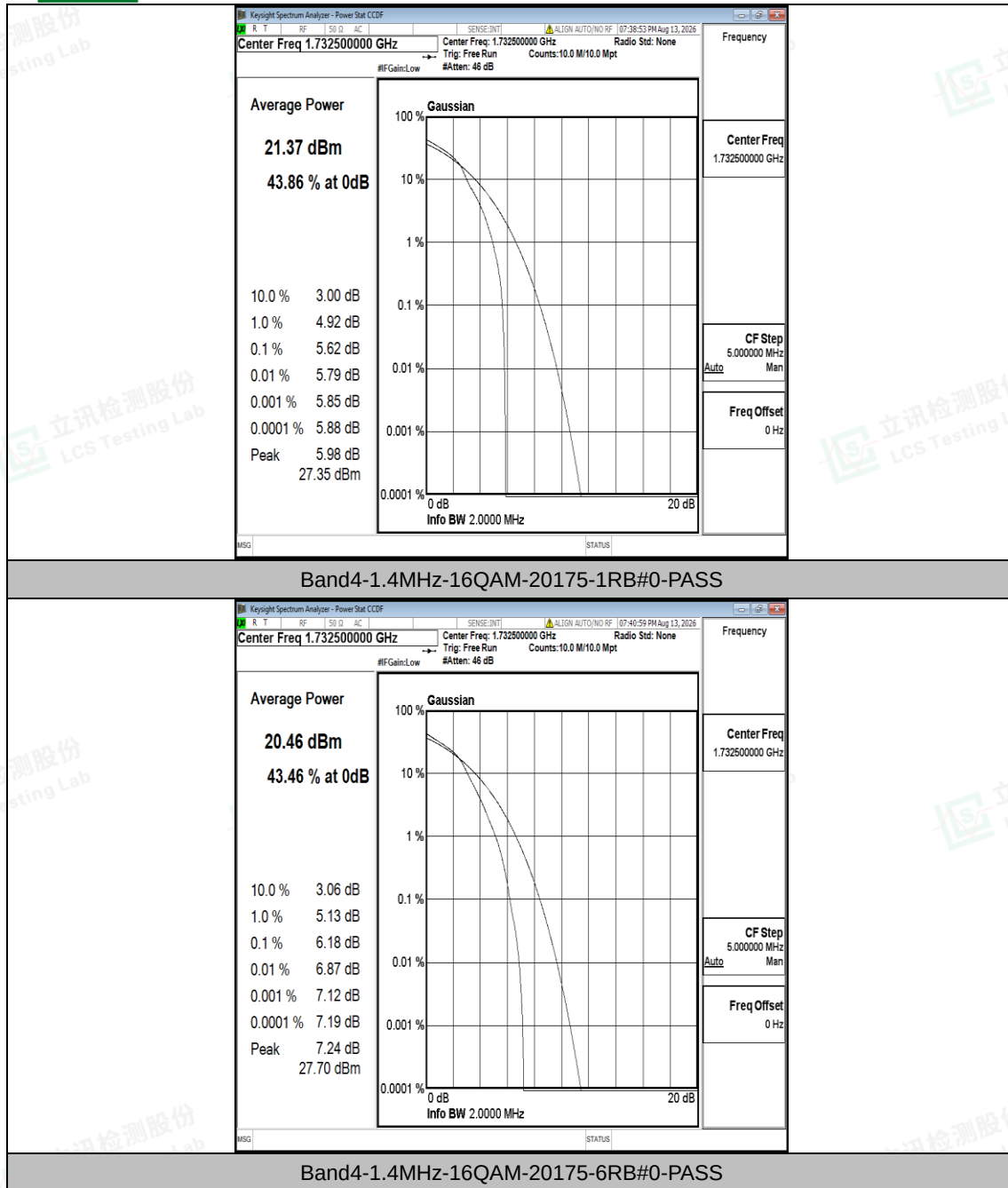


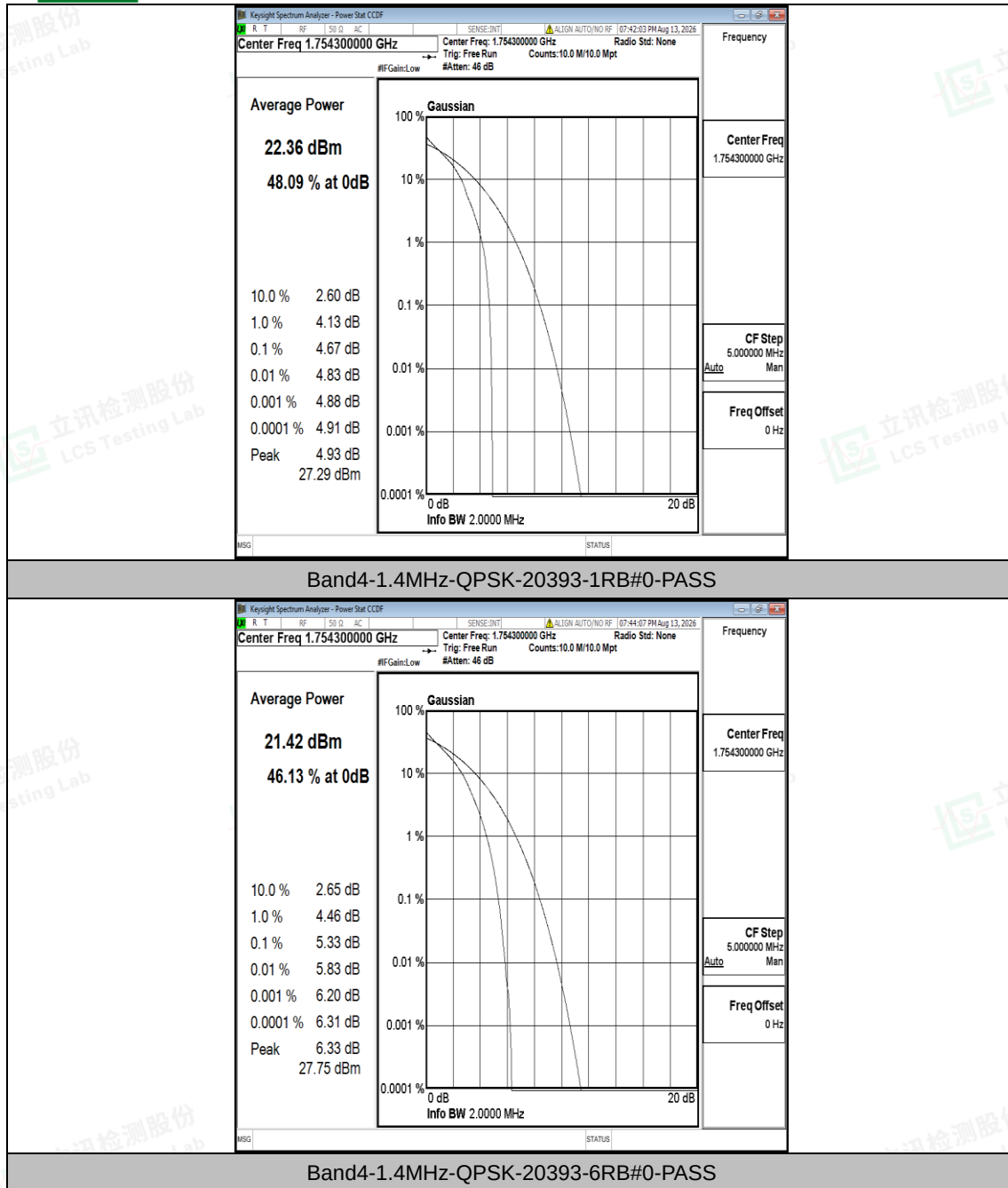
## Test Graphs

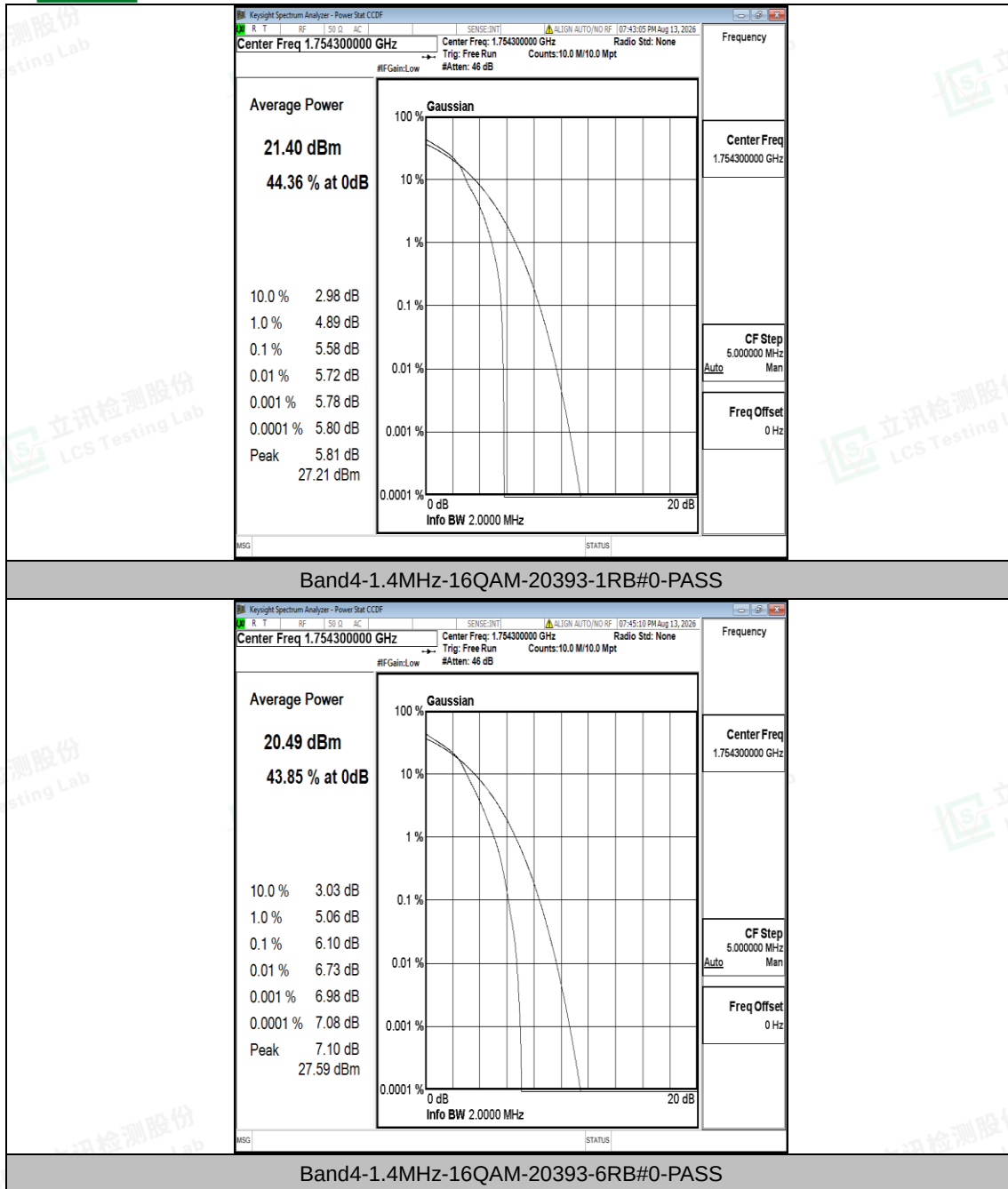


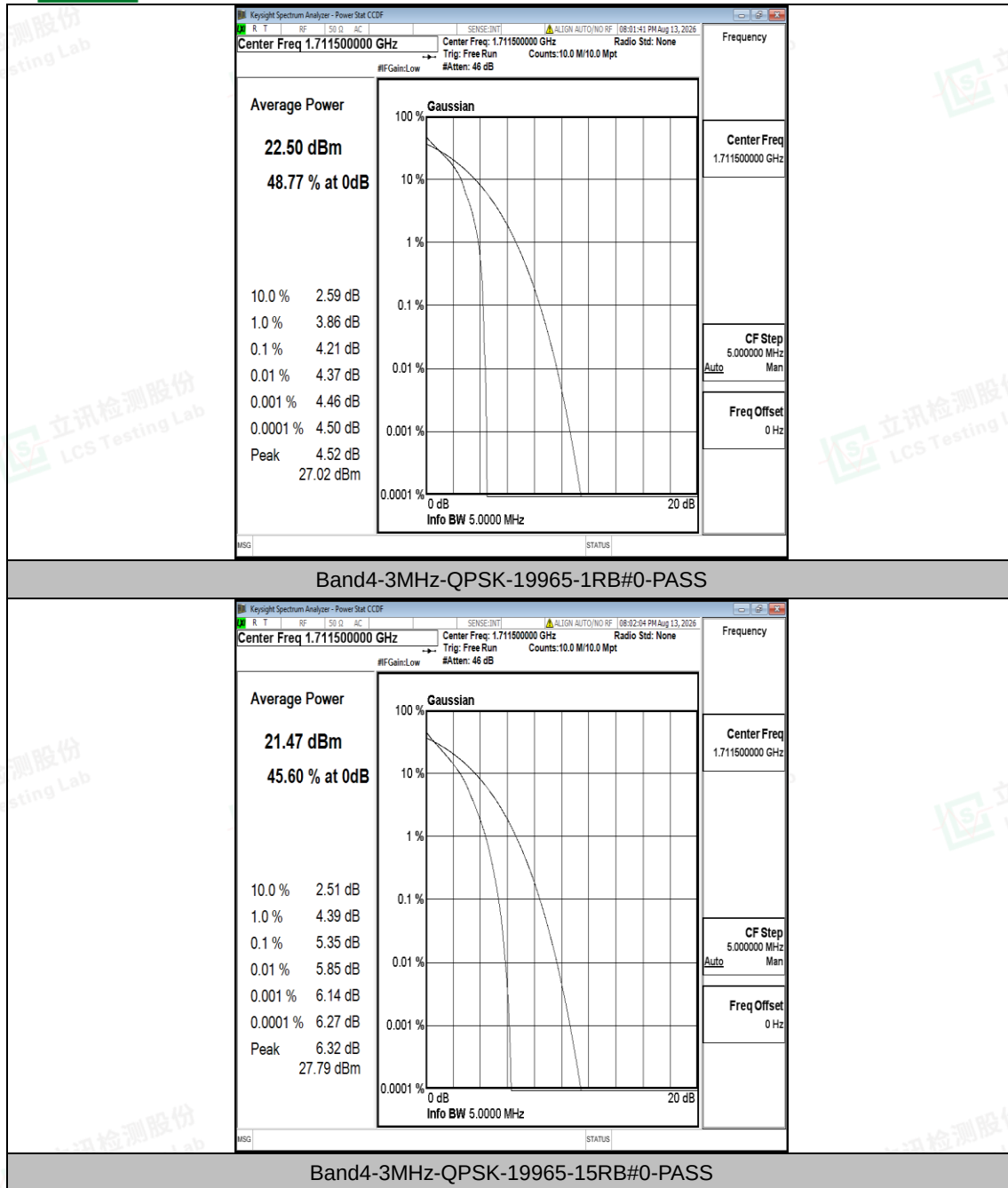


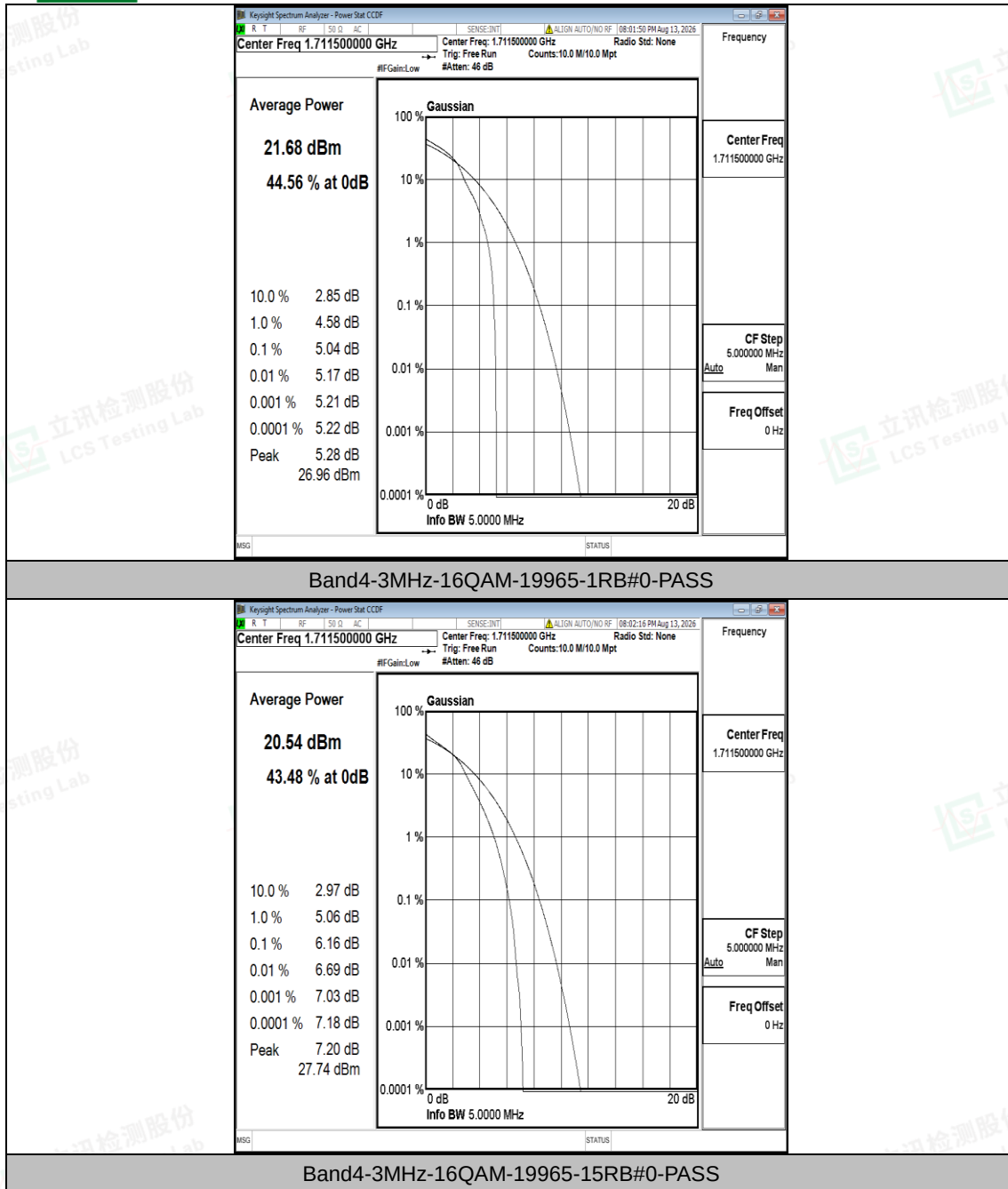


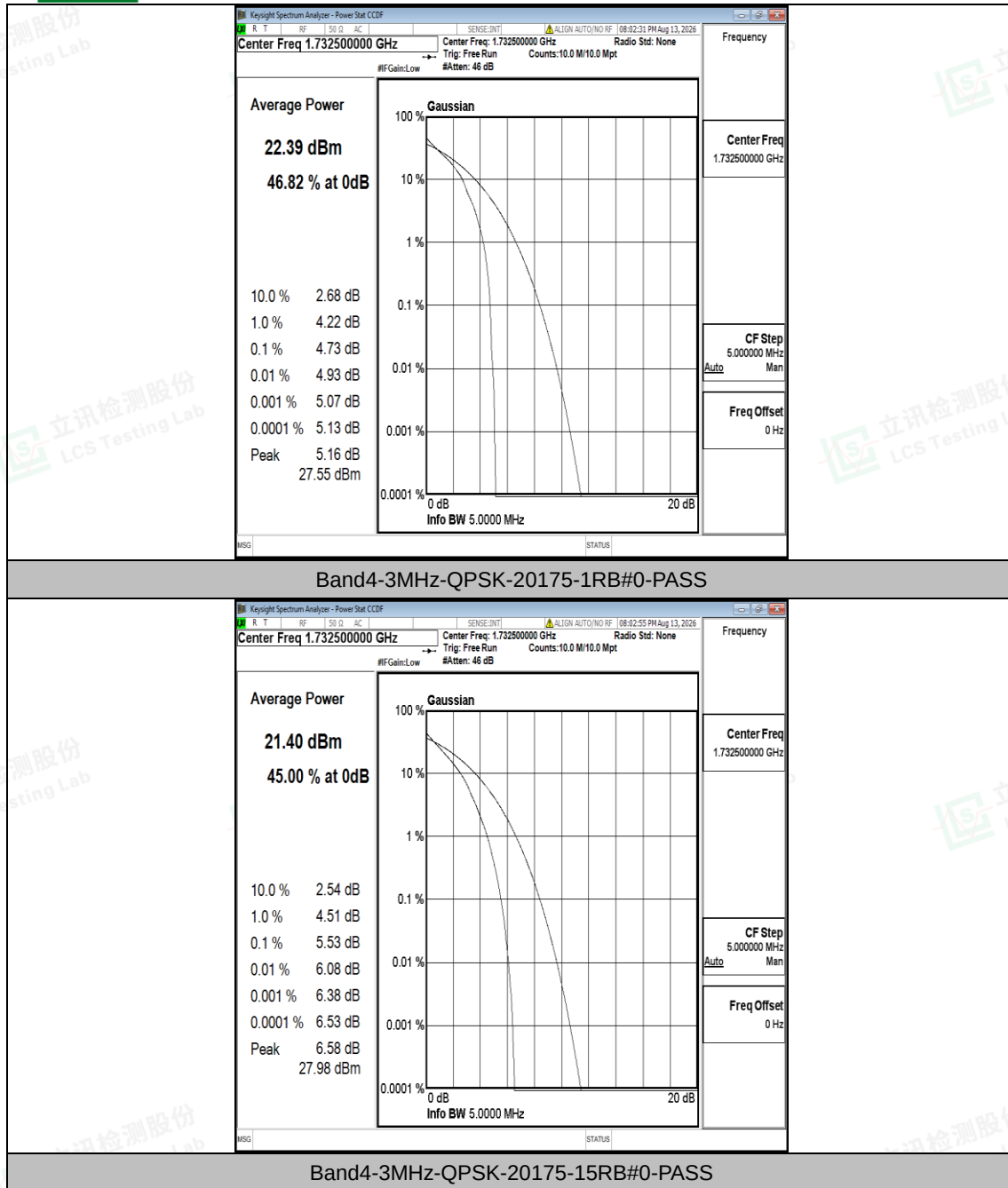


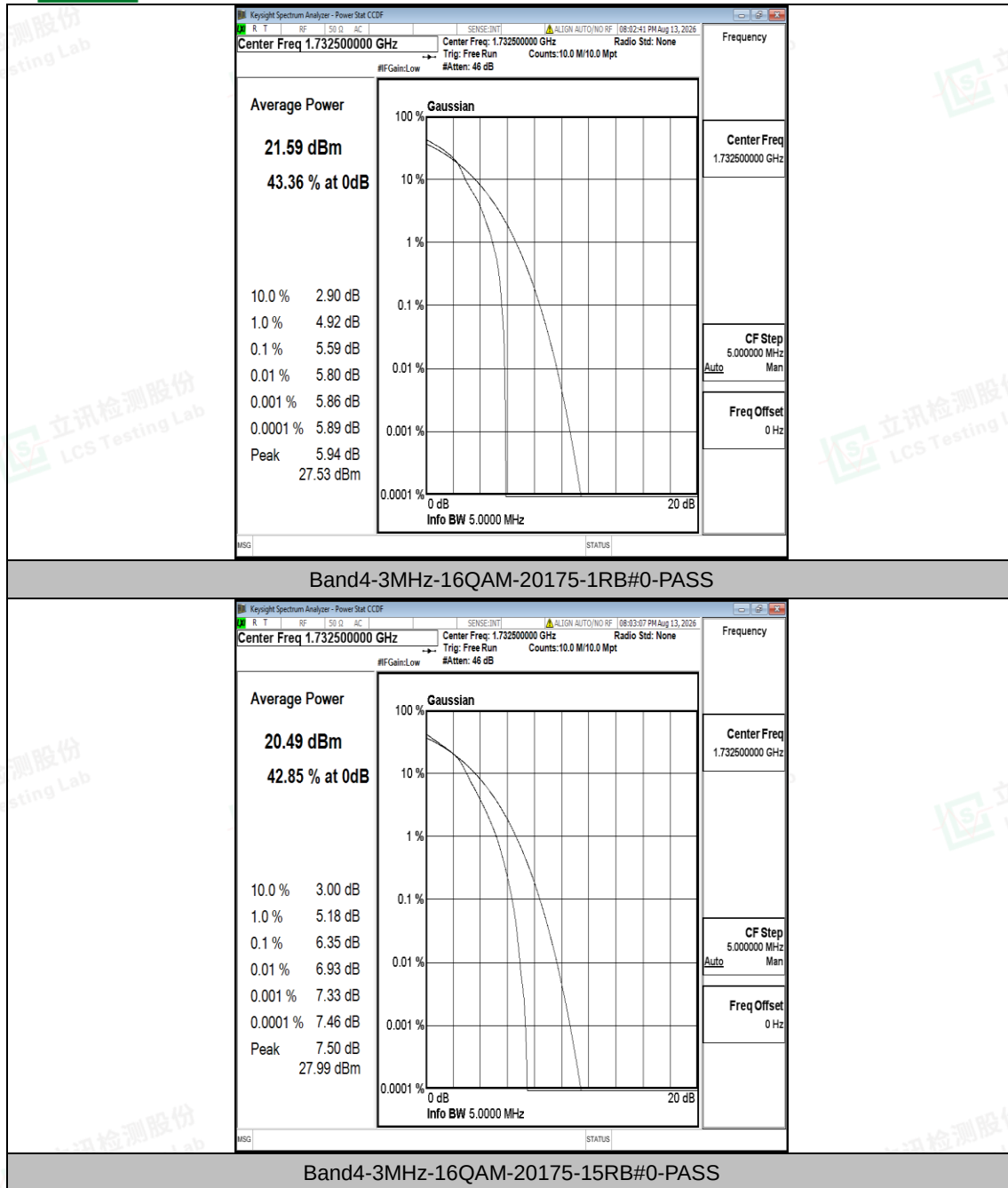


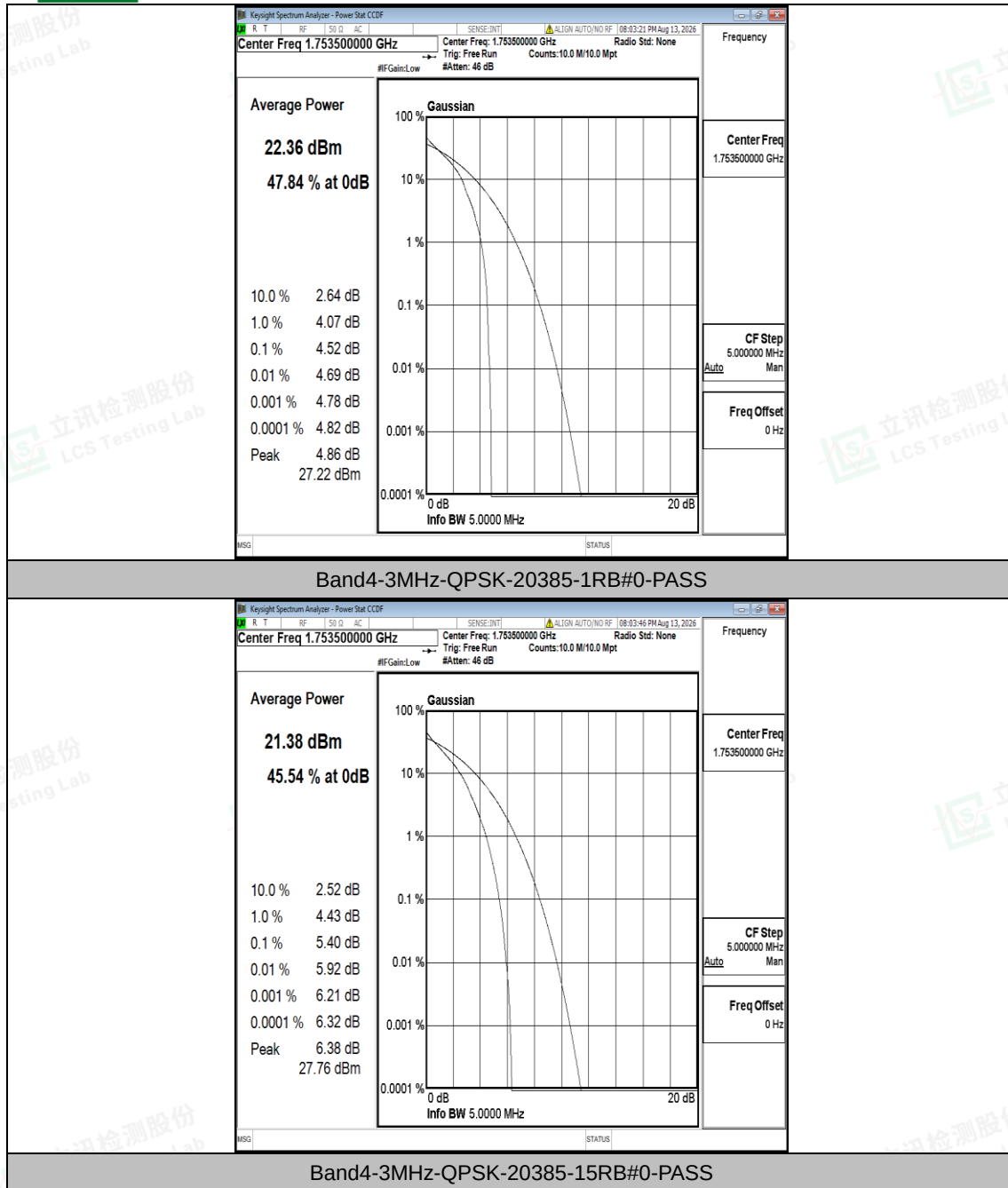


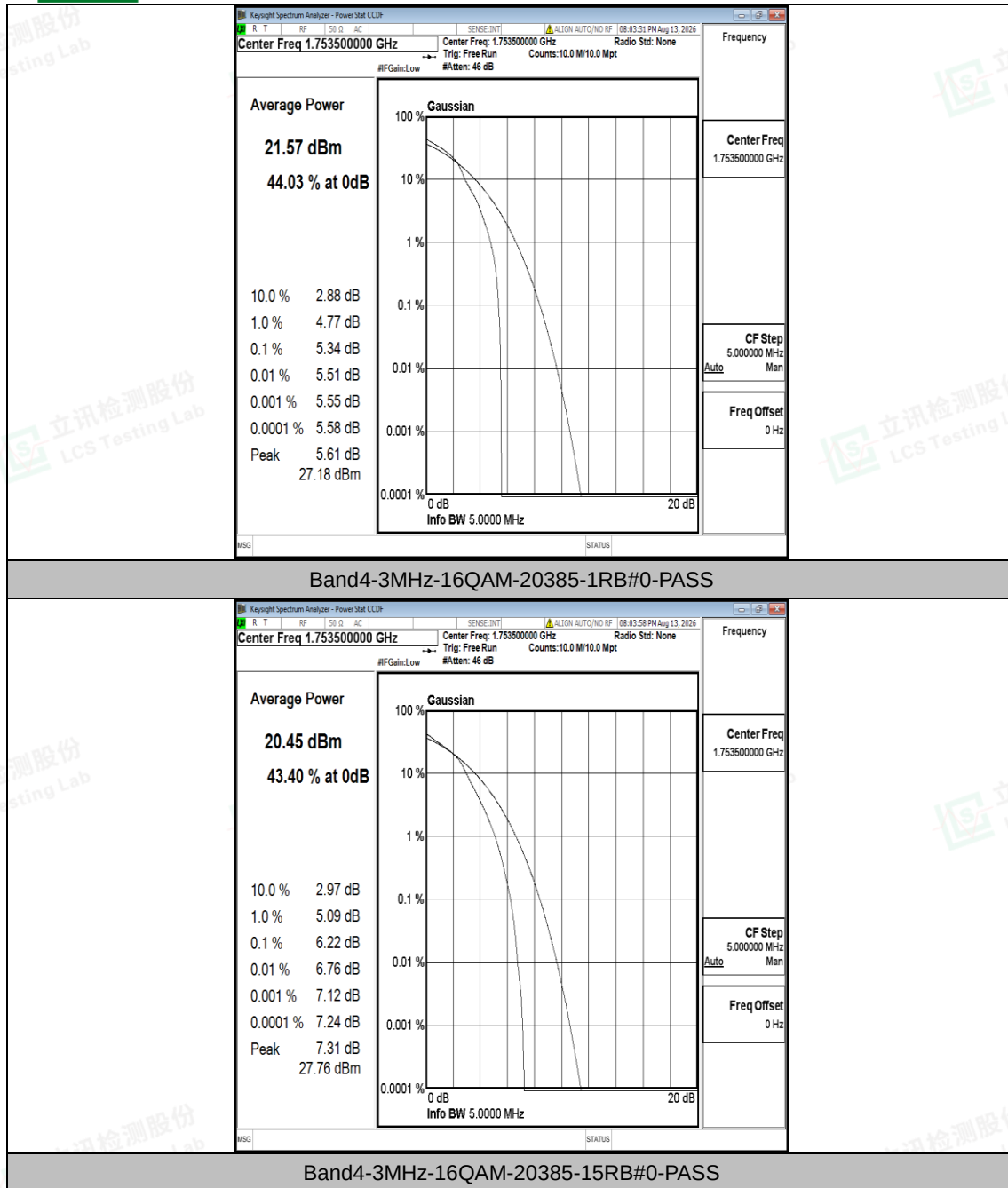


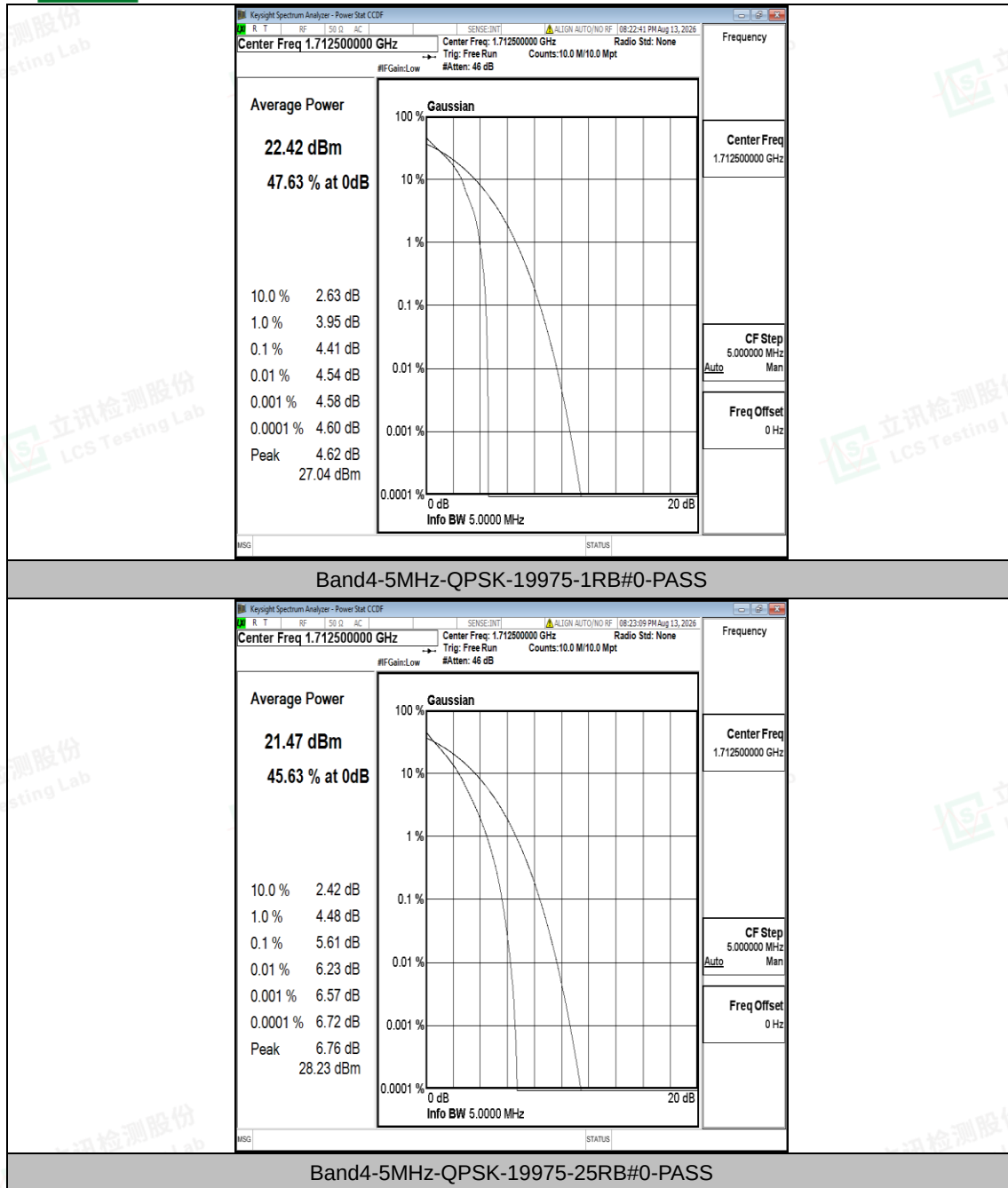


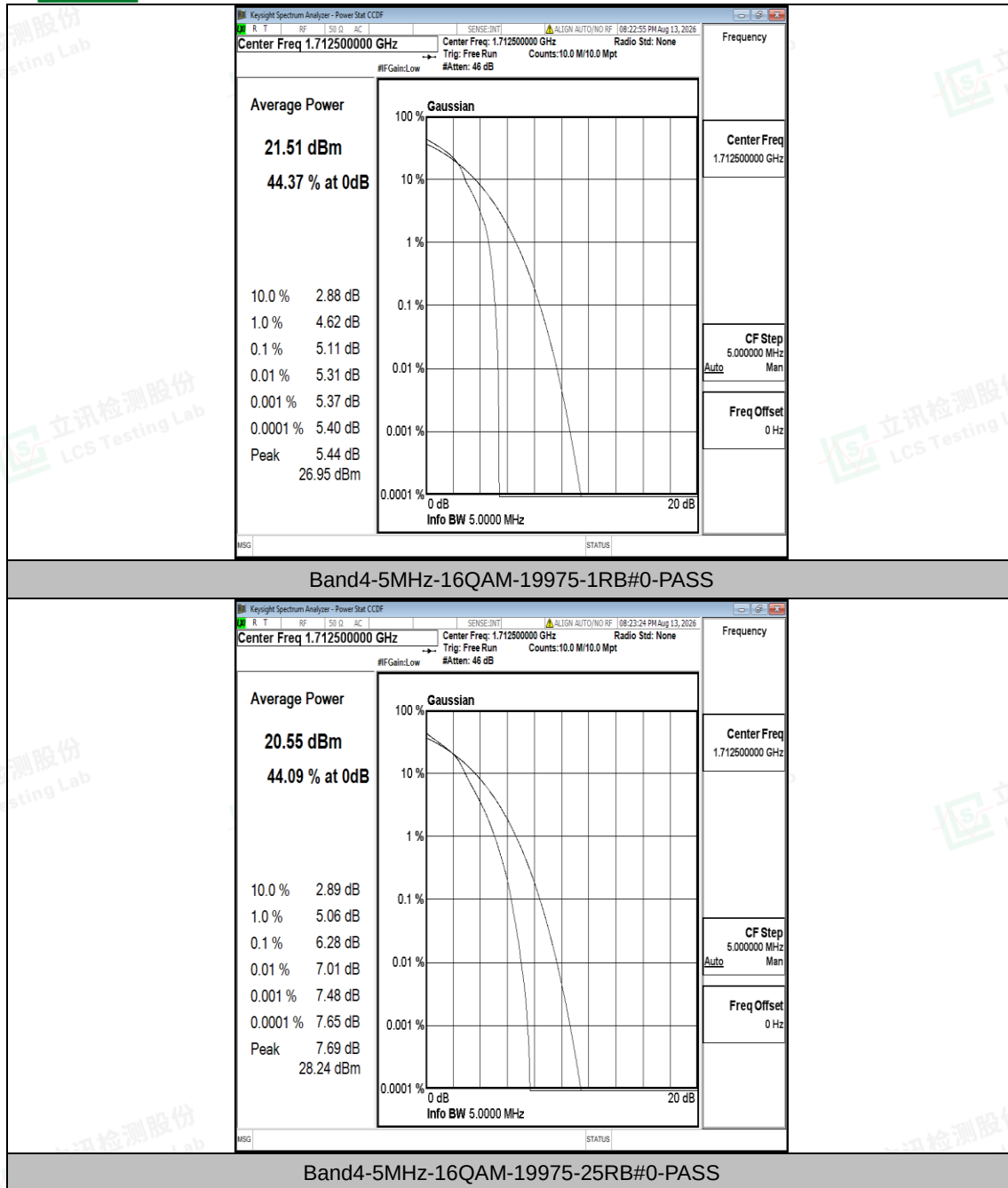


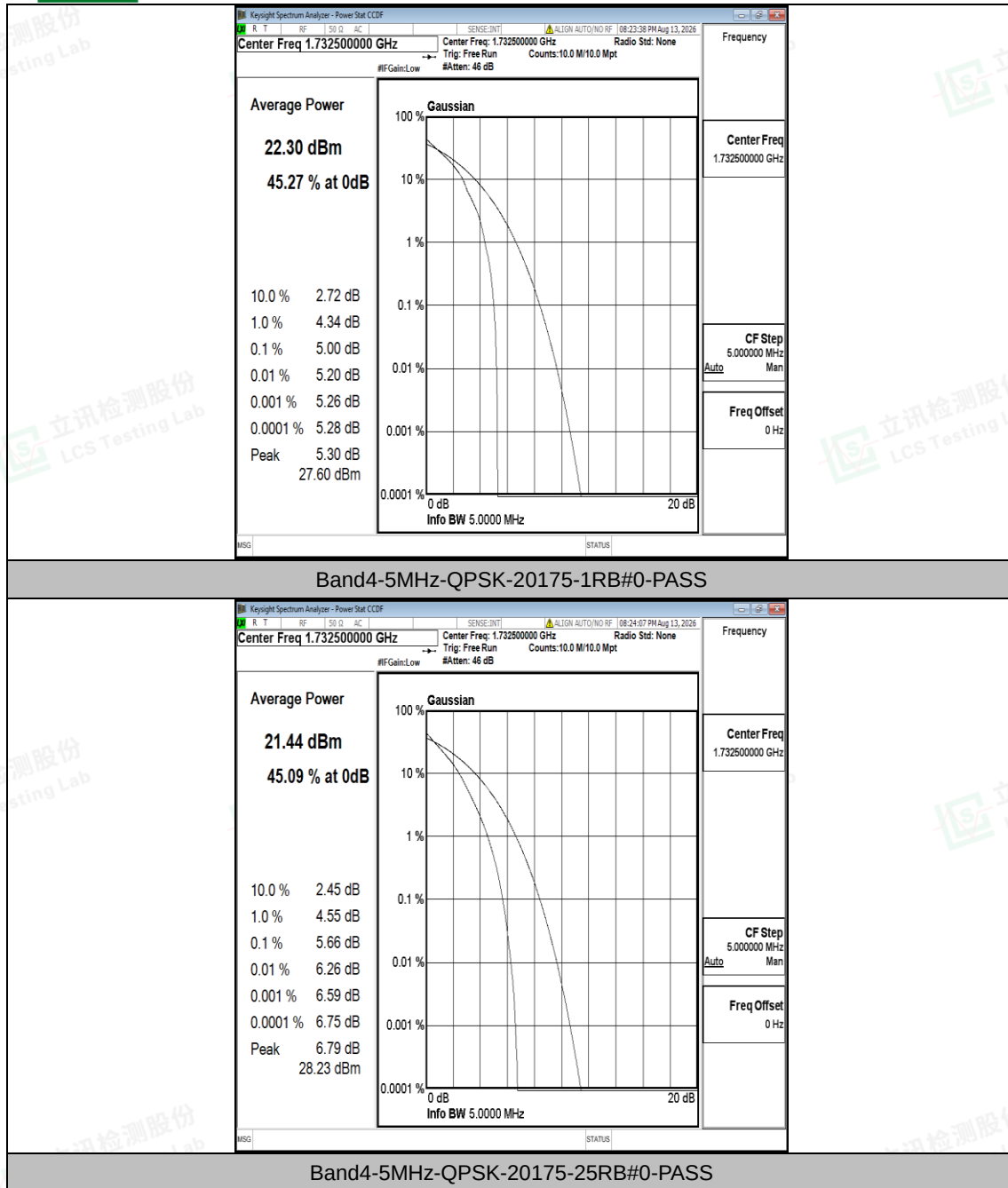


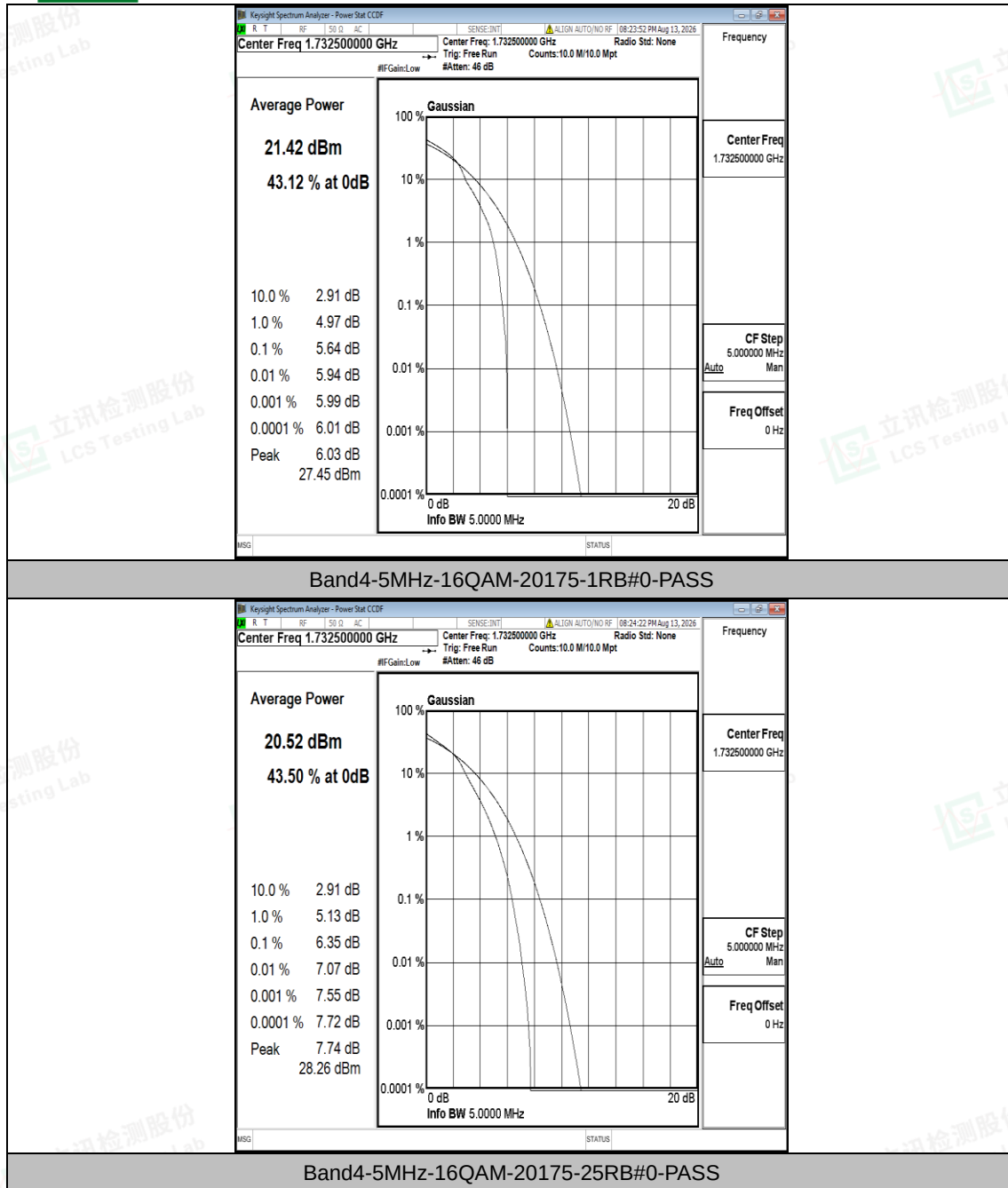


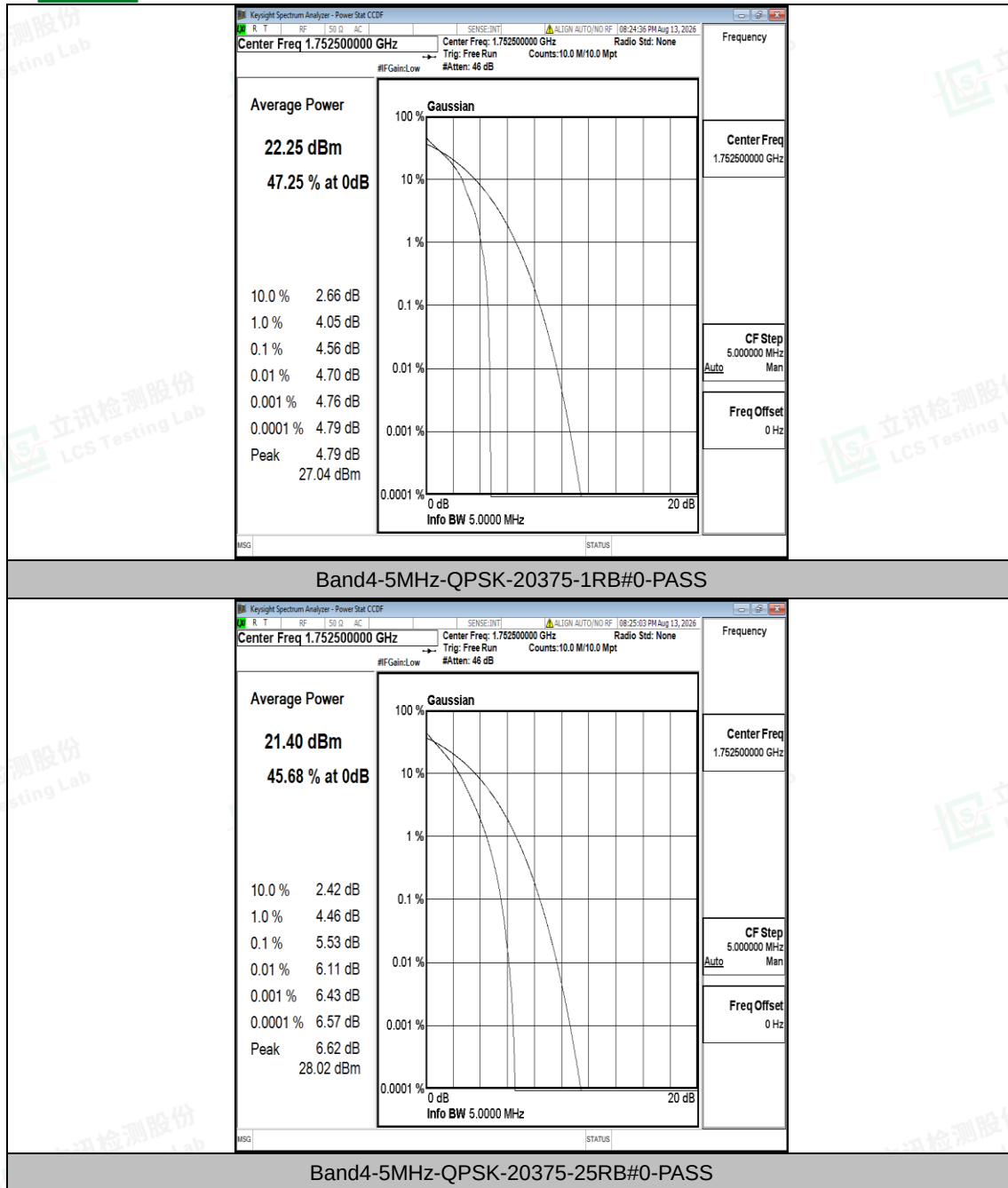


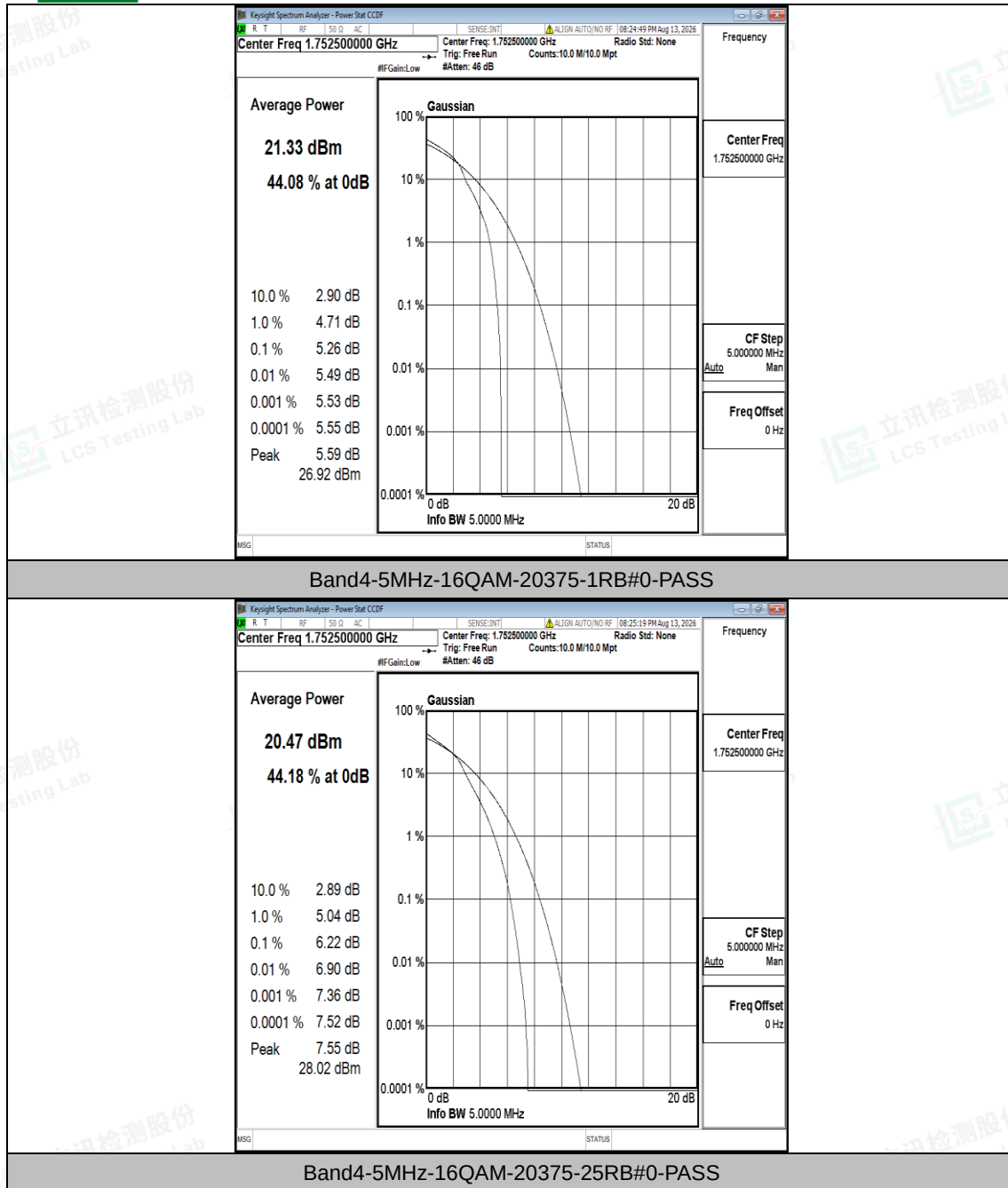


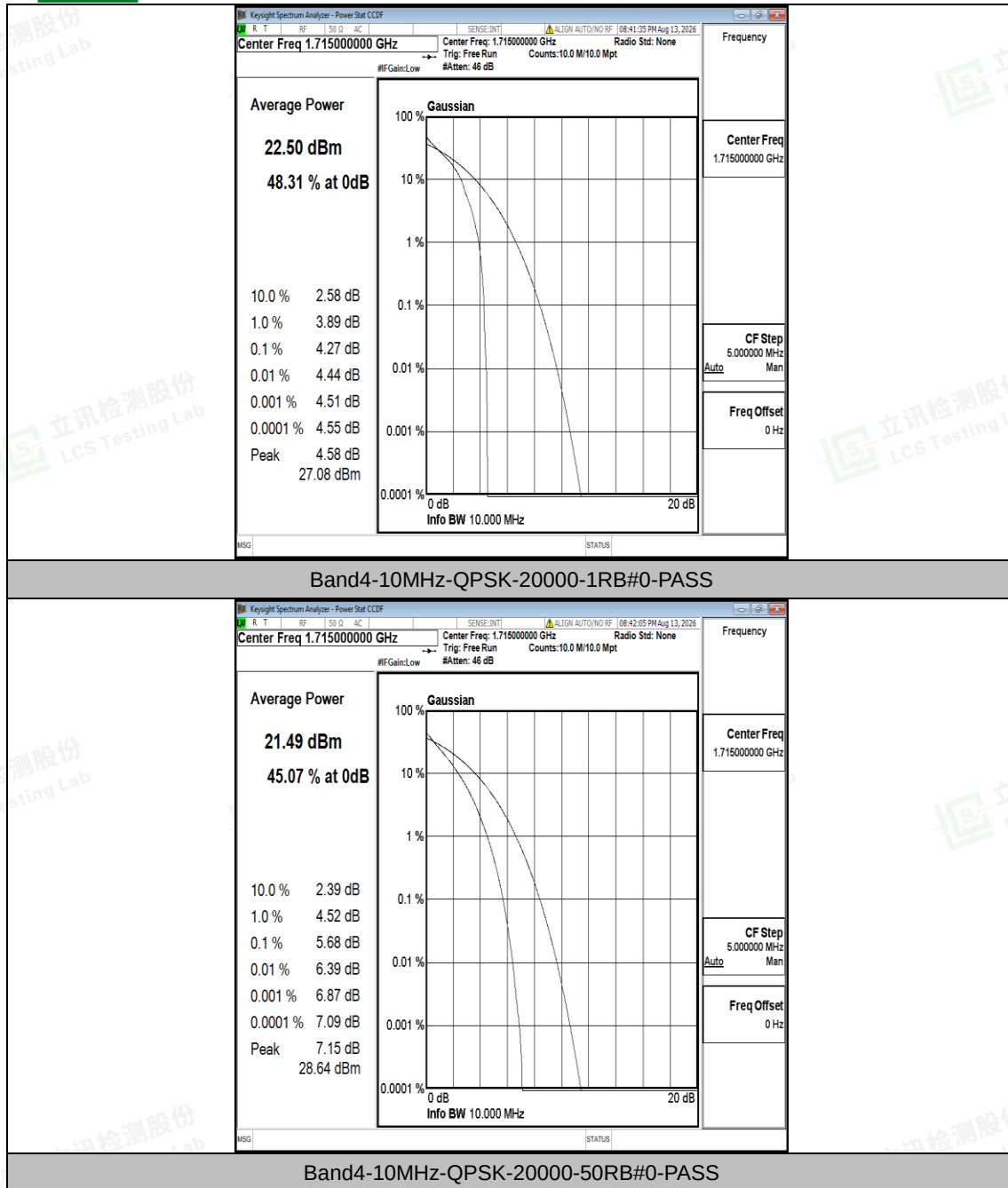


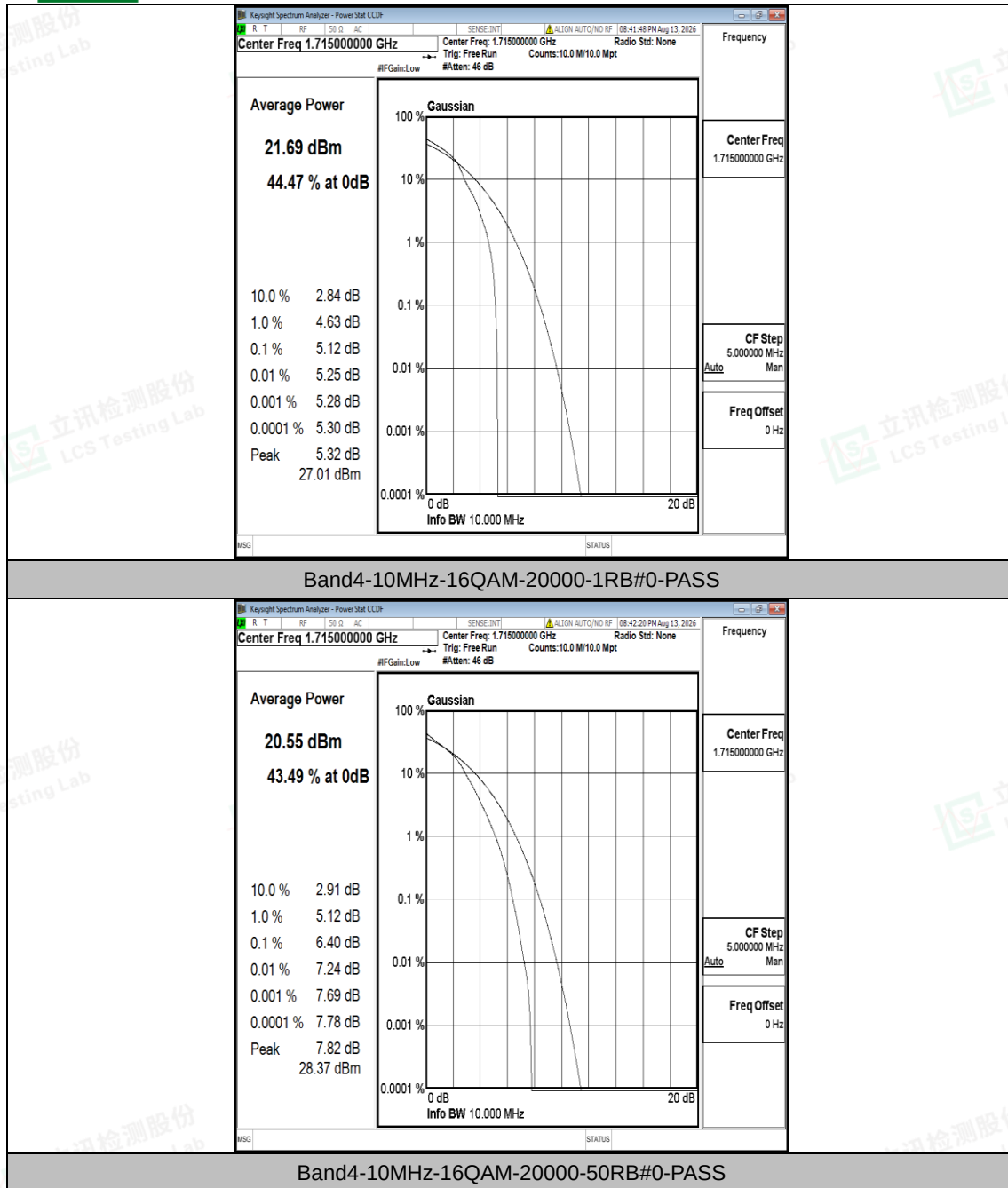


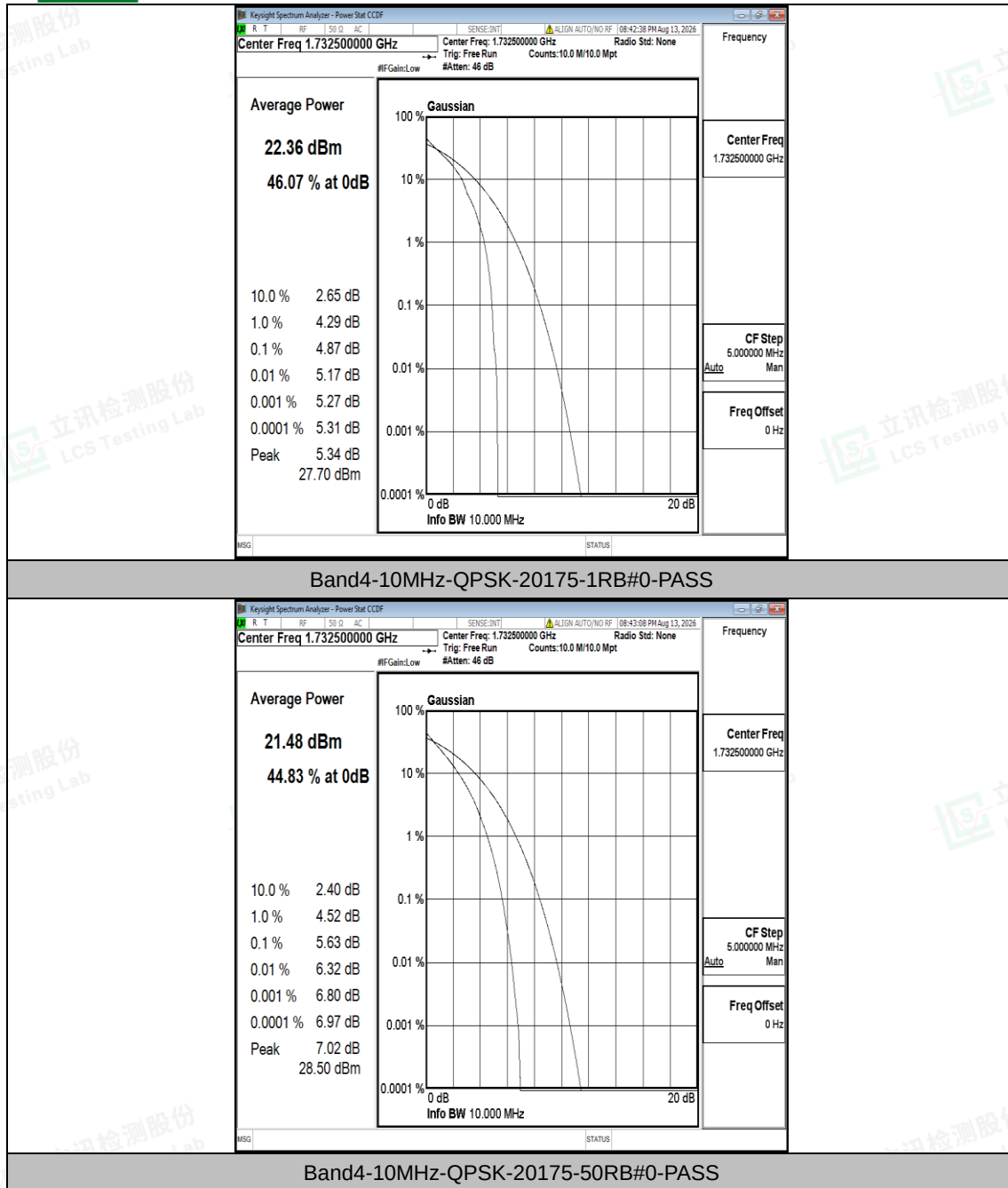


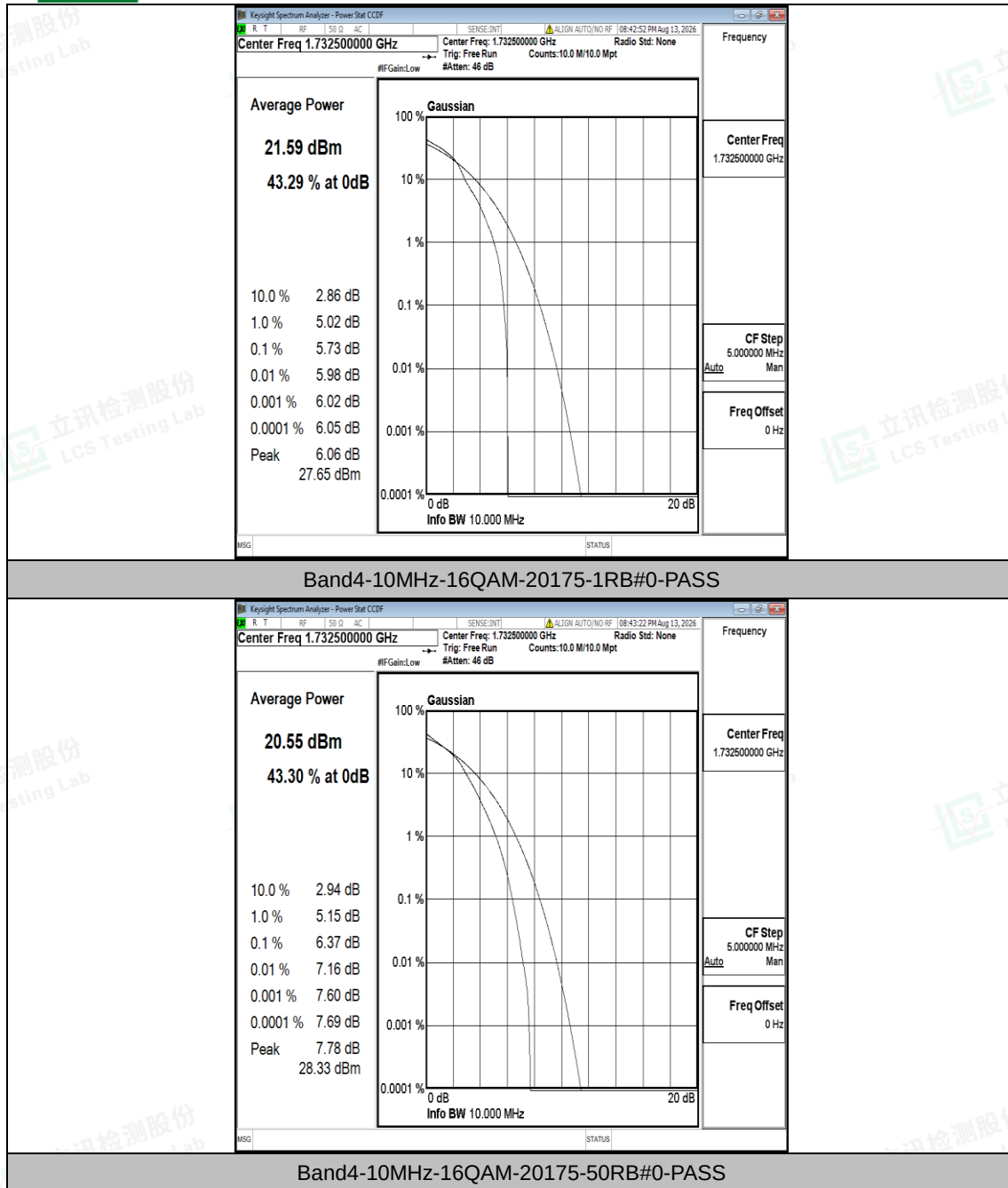


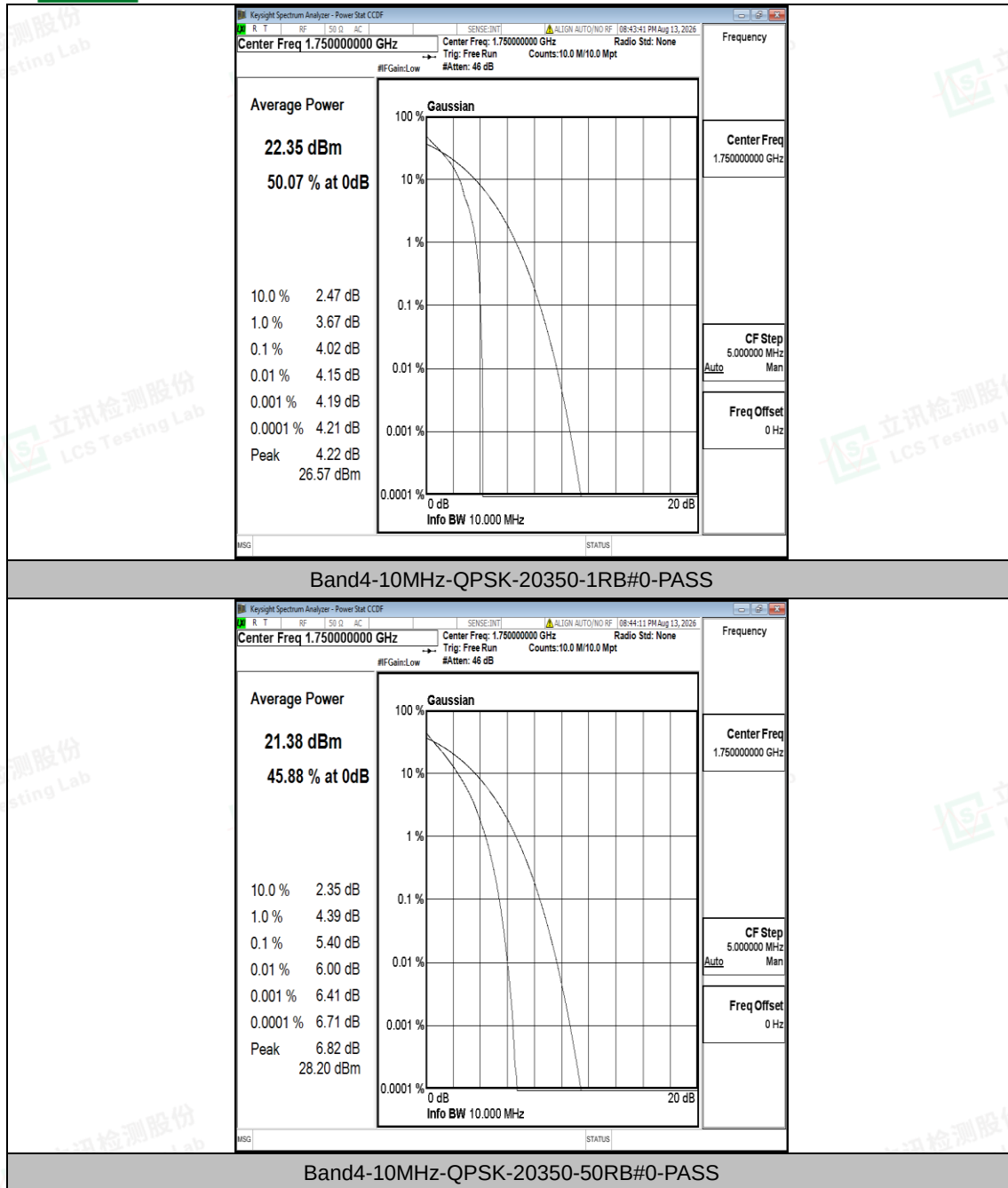


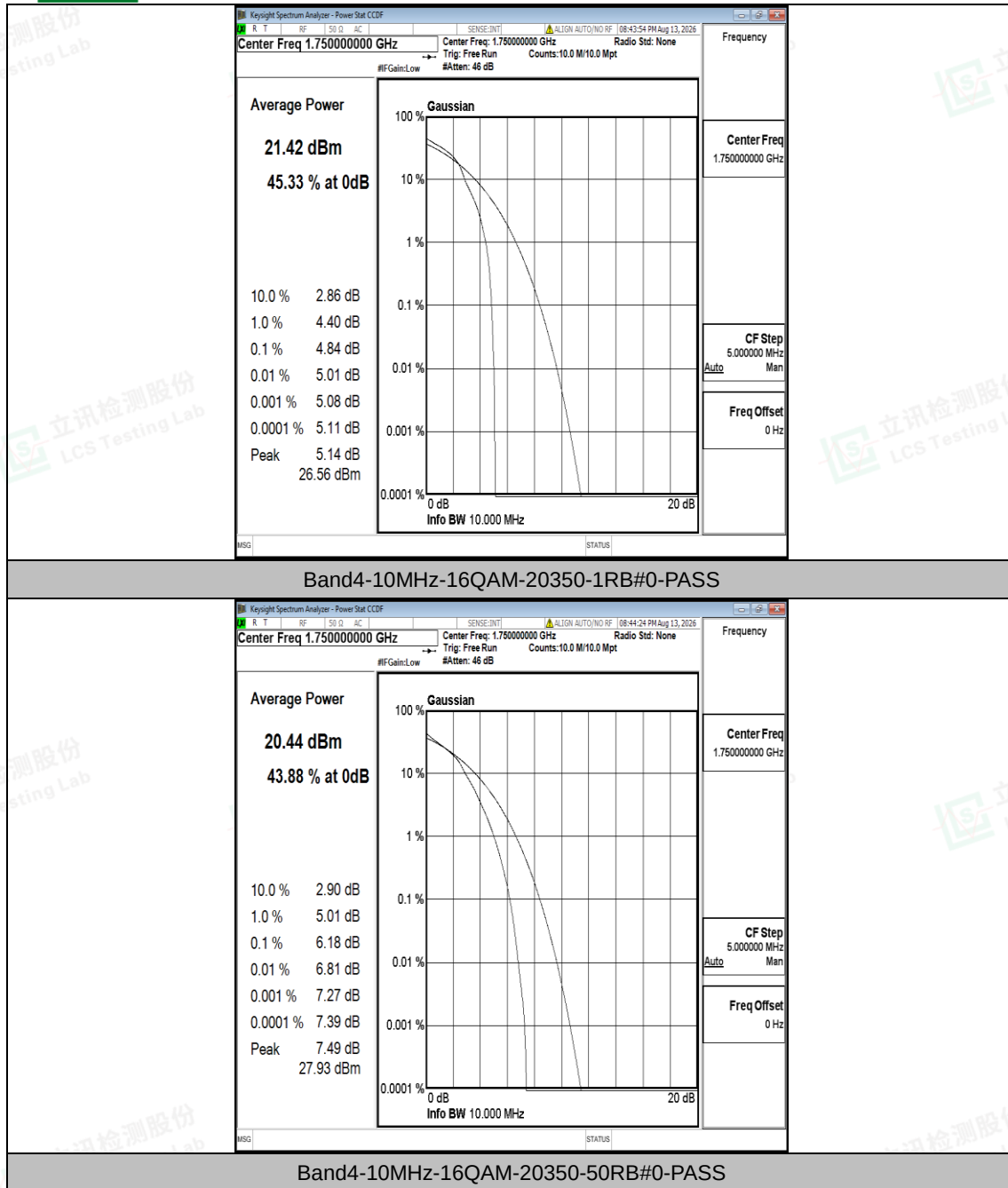


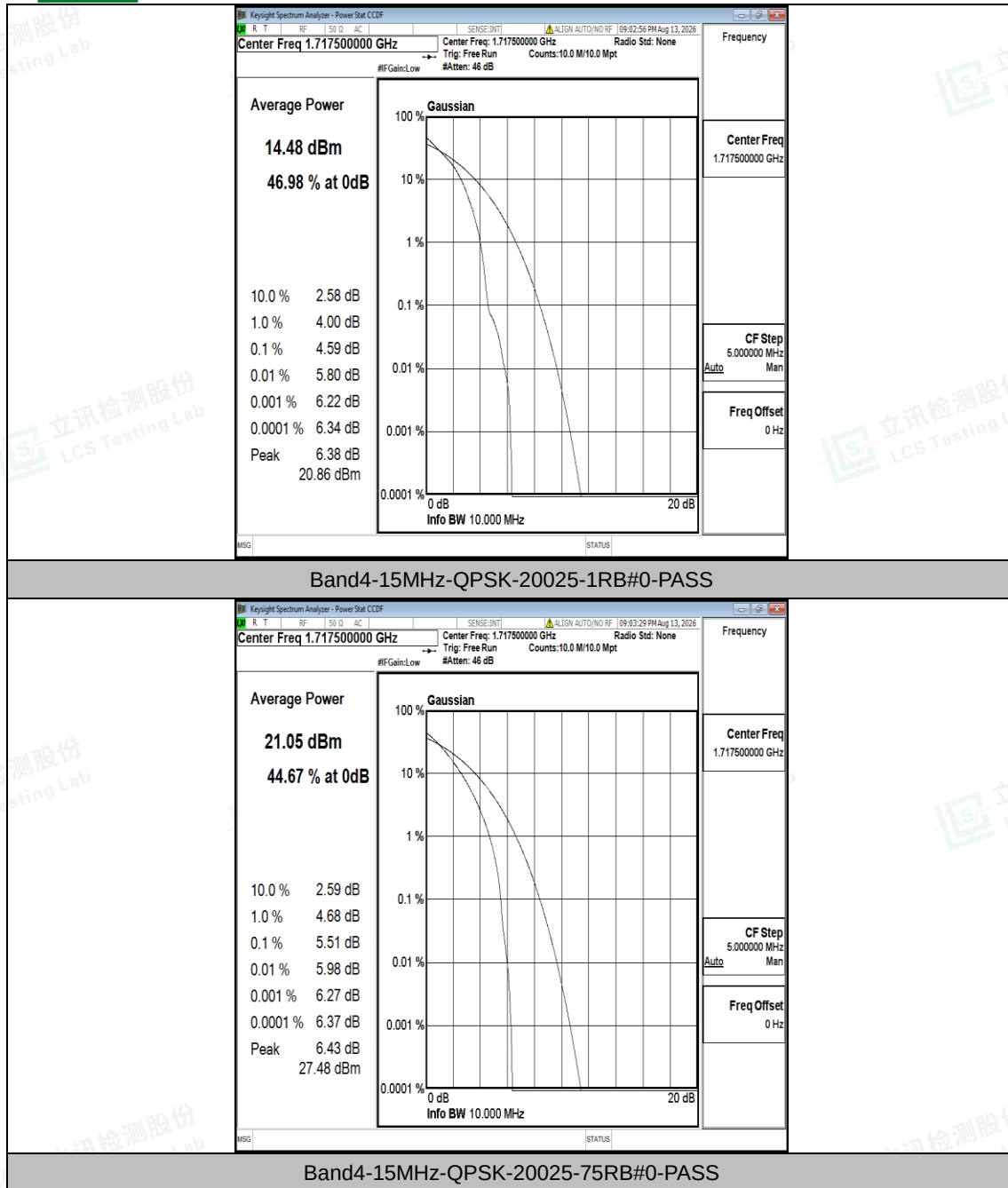


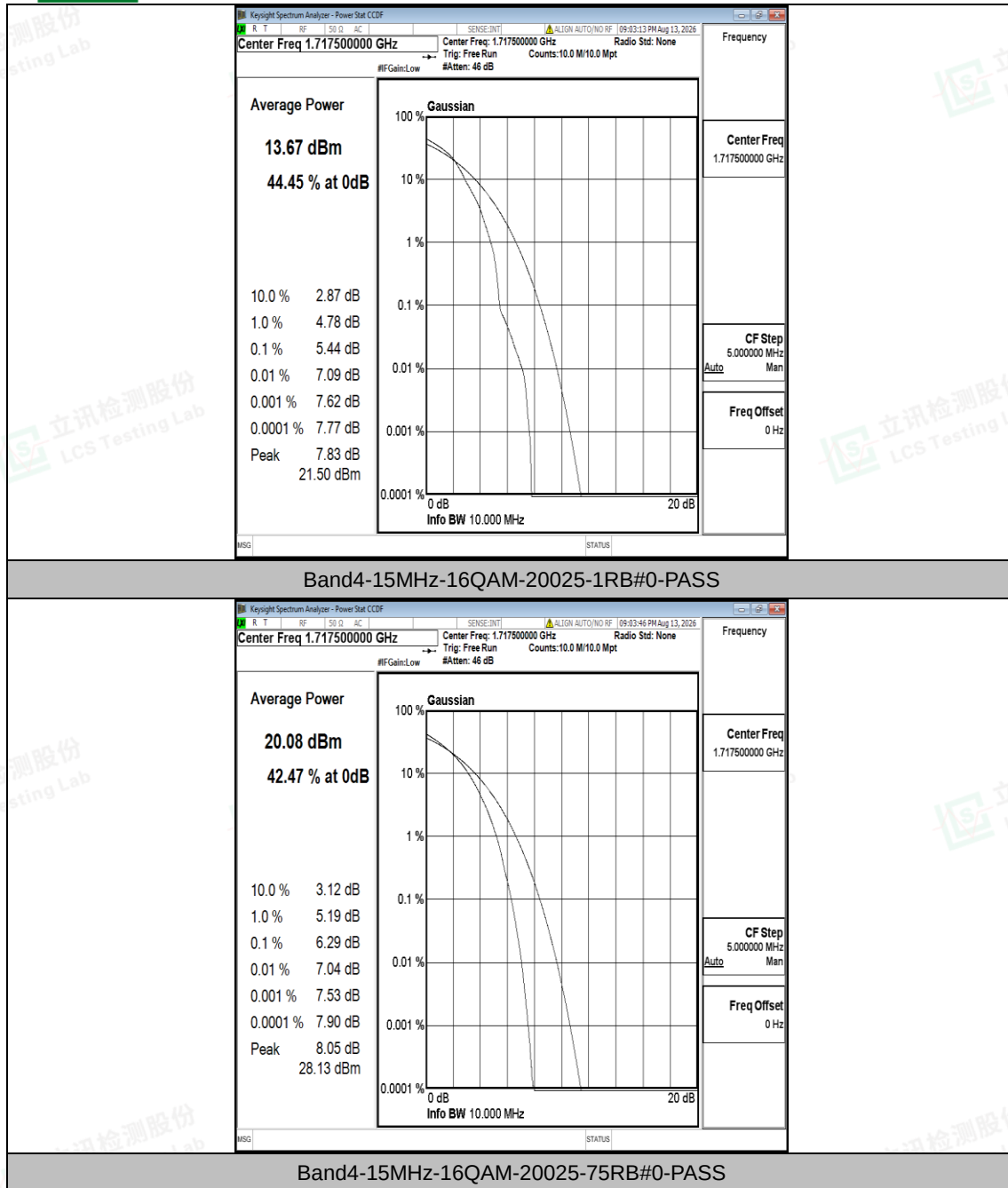


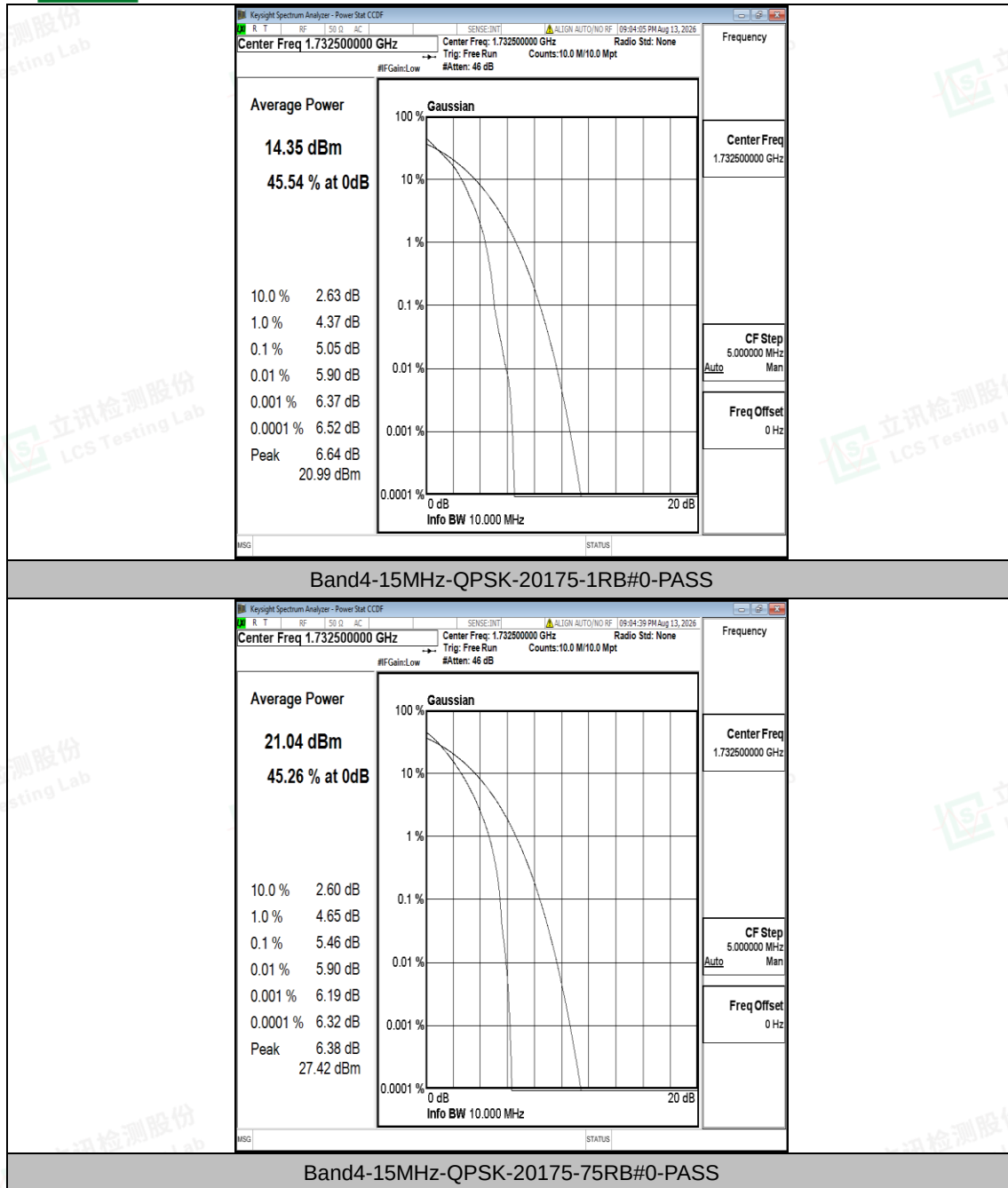


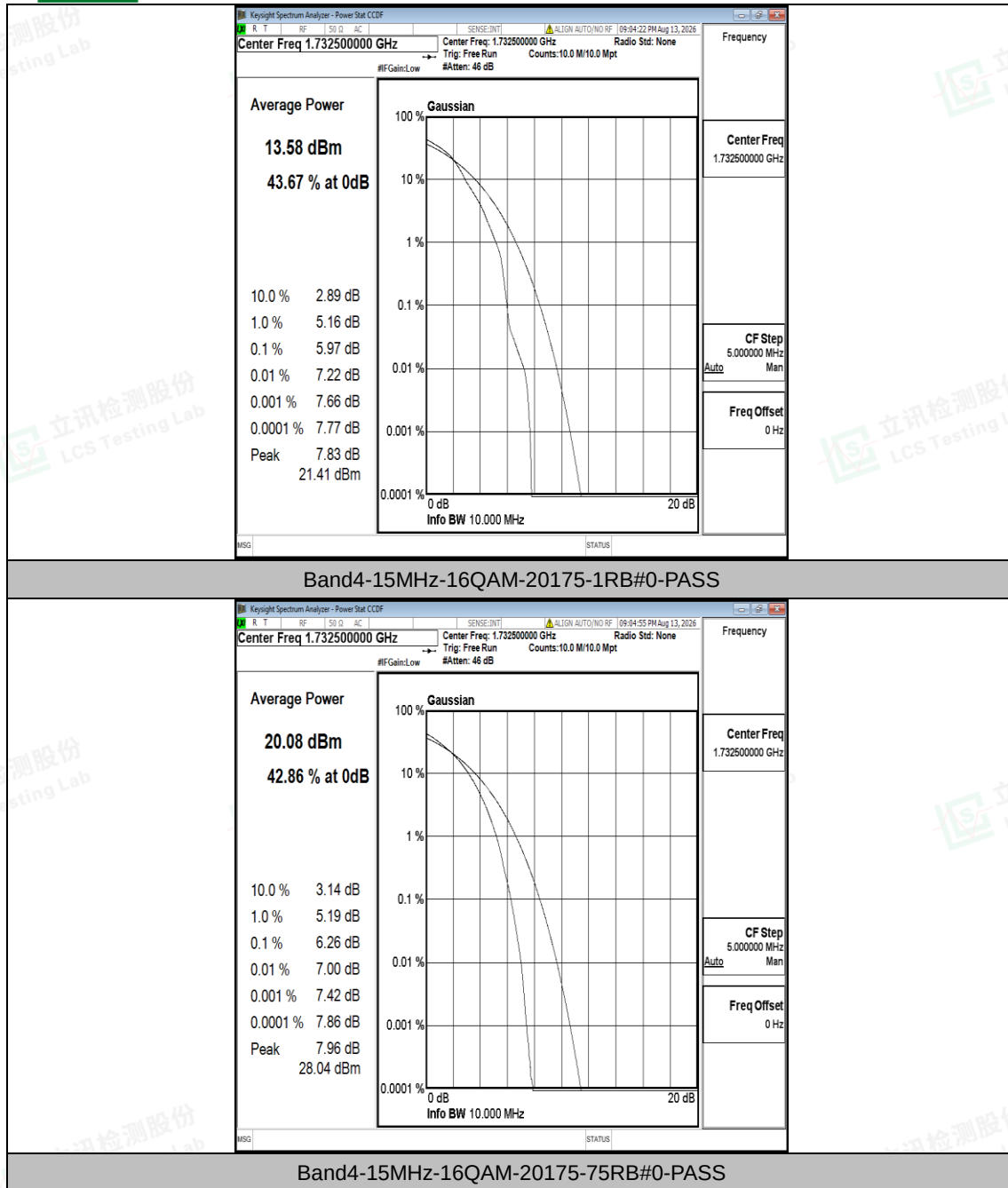


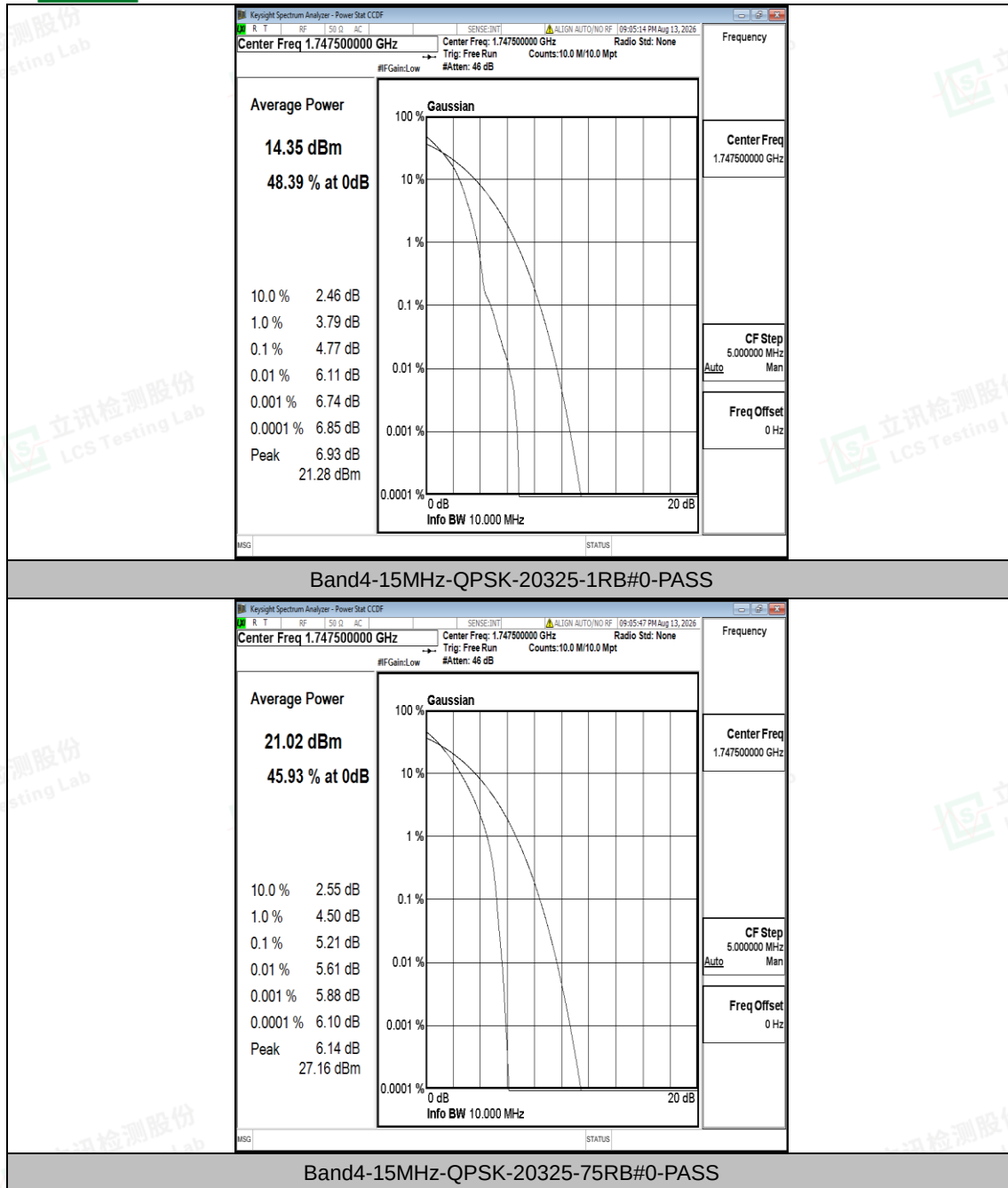


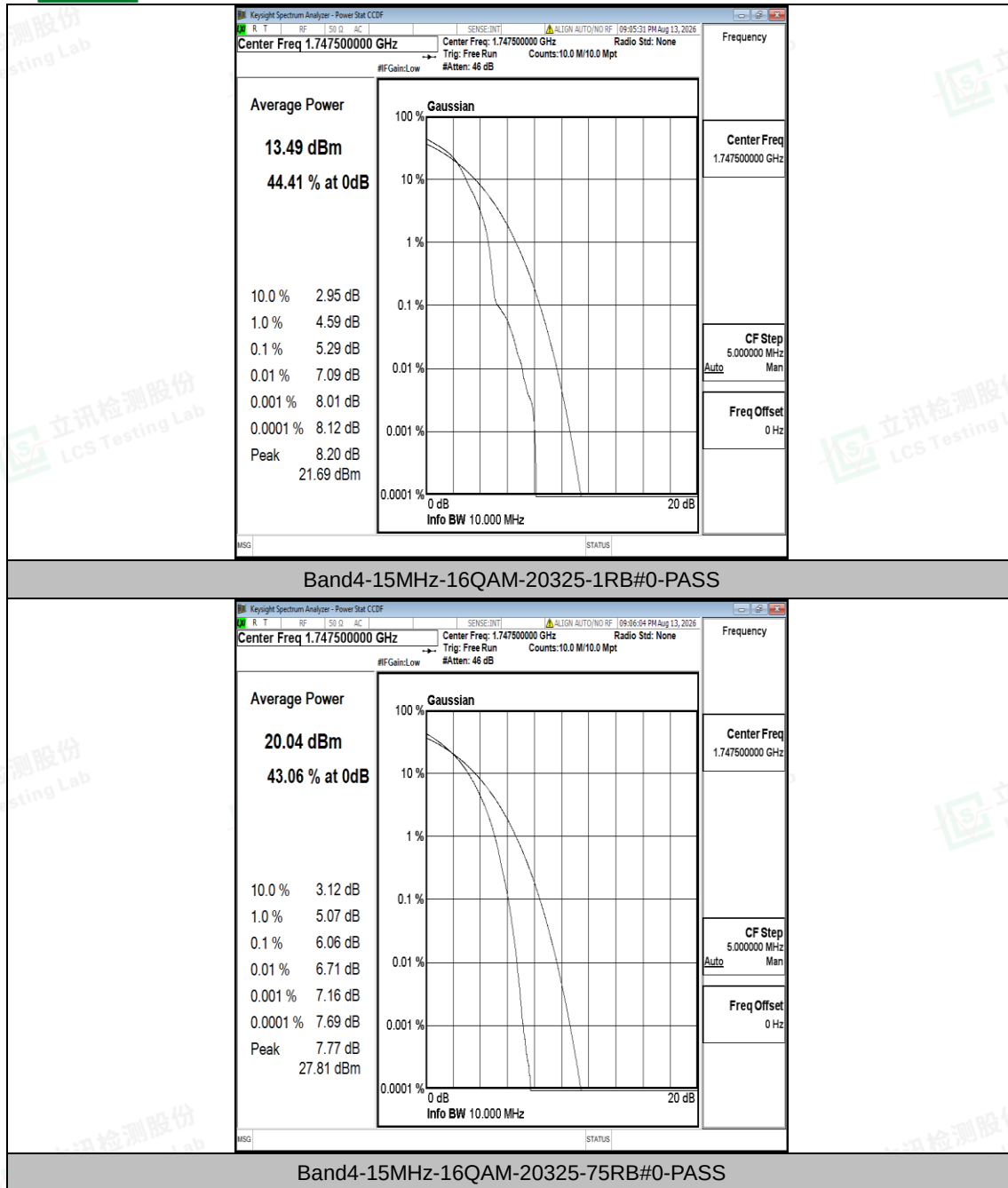


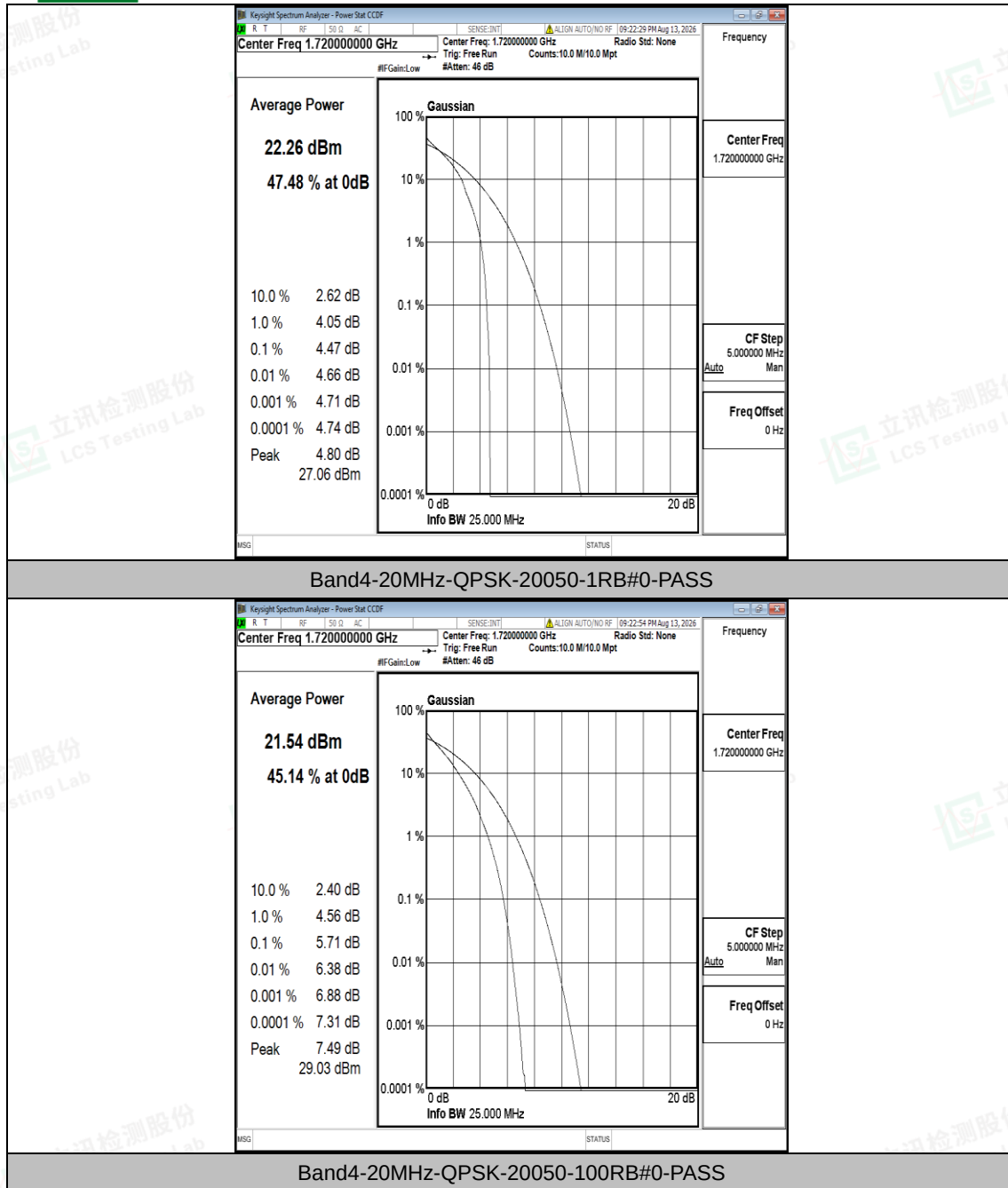


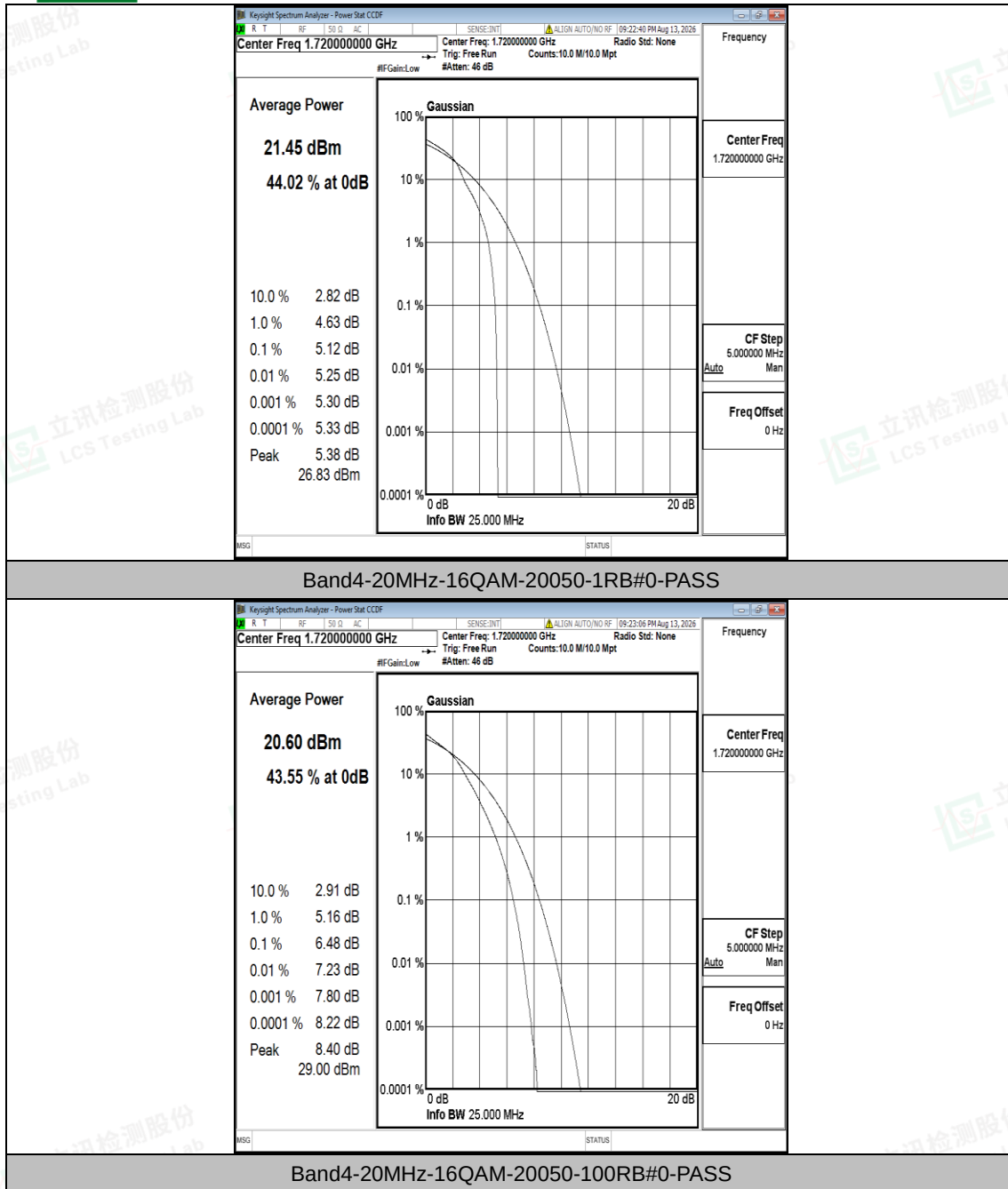


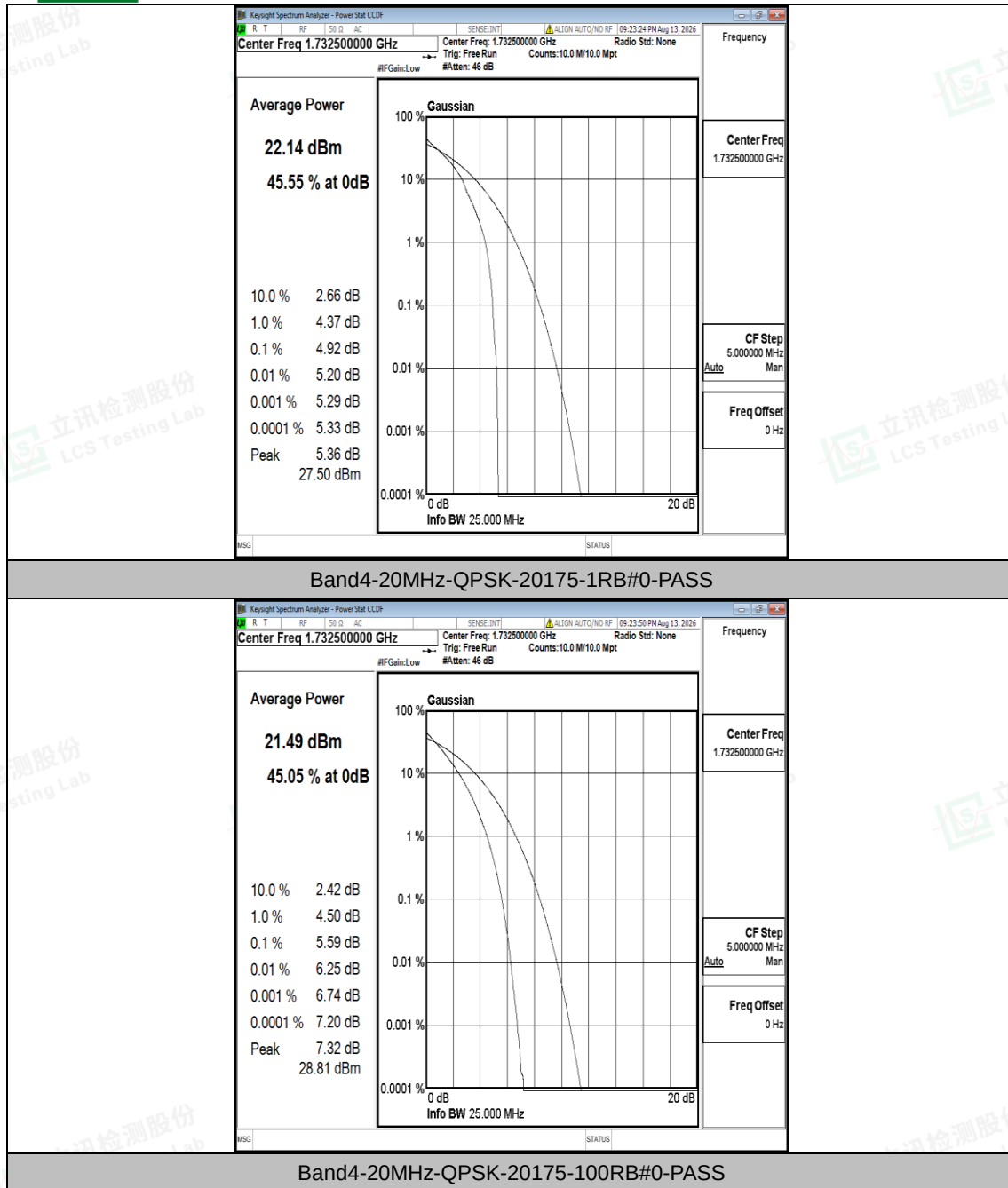


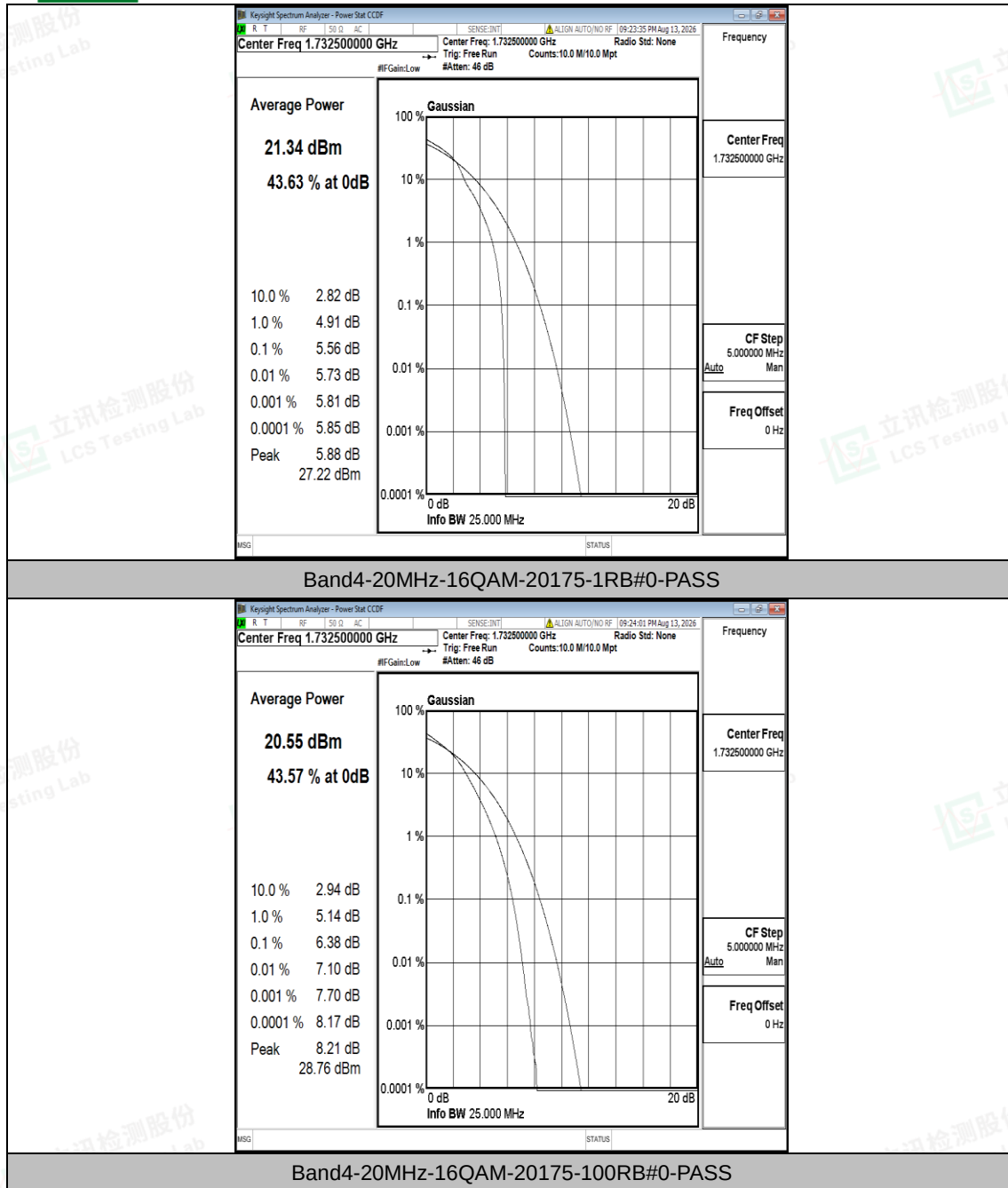


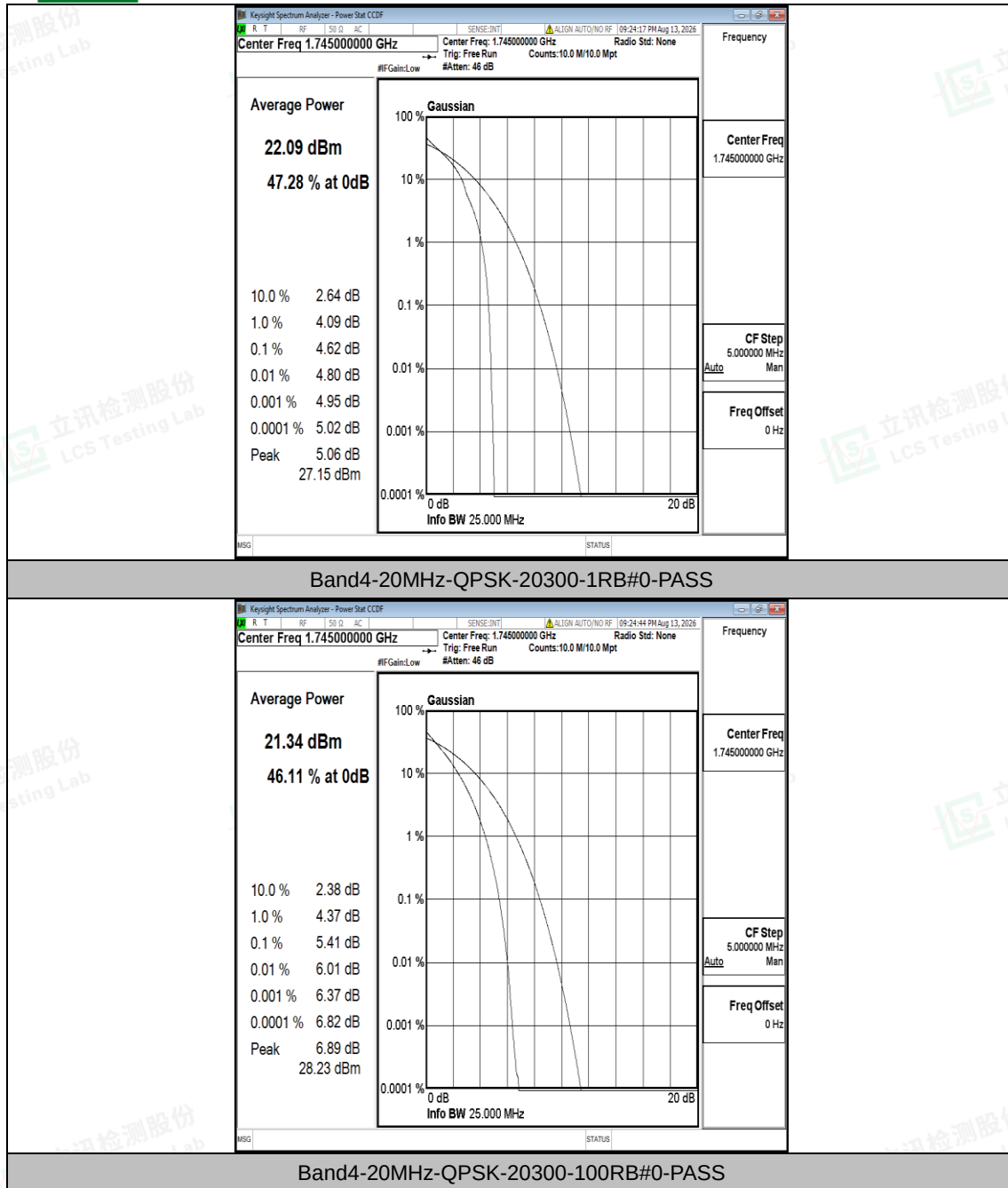


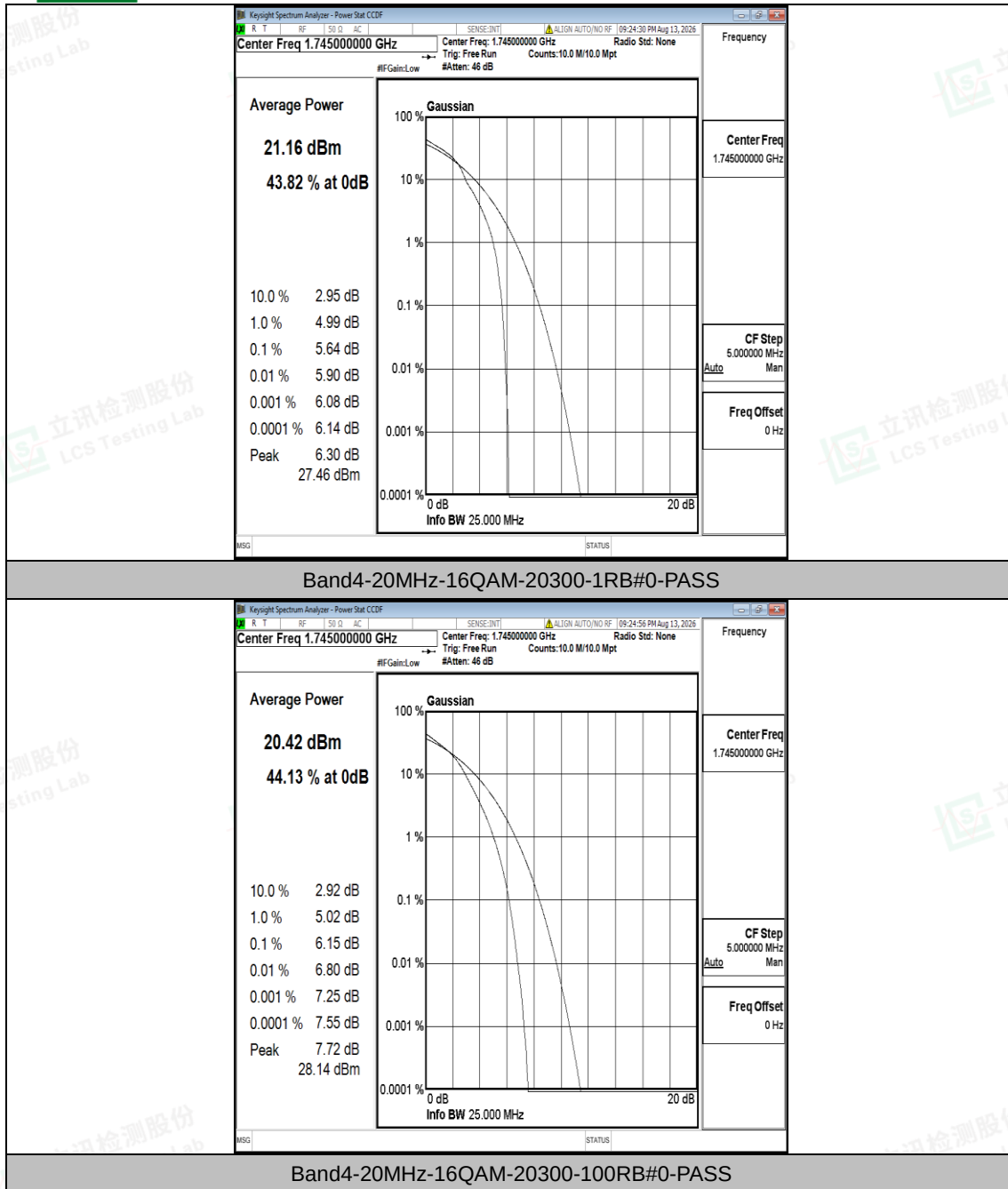














## H.3 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 1.0918                   | 1.282                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 1.1002                   | 1.311                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 1.0916                   | 1.278                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 1.0980                   | 1.315                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 1.0901                   | 1.289                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 1.0986                   | 1.308                | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 2.7217                   | 3.004                | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 2.7109                   | 3.002                | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 2.7203                   | 2.996                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 2.7159                   | 2.998                | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 2.7194                   | 3.001                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 2.7139                   | 2.985                | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 4.5071                   | 4.948                | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 4.4851                   | 4.921                | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 4.5037                   | 4.947                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 4.4883                   | 4.917                | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 4.5015                   | 4.946                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | 4.4873                   | 4.914                | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | 8.9955                   | 9.834                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 50RB#0           | 8.9941                   | 9.734                | PASS    |
| Band4 | 10MHz     | QPSK       | 20175   | 50RB#0           | 8.9900                   | 9.830                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20175   | 50RB#0           | 8.9824                   | 9.736                | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 50RB#0           | 8.9863                   | 9.794                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20350   | 50RB#0           | 8.9755                   | 9.808                | PASS    |
| Band4 | 15MHz     | QPSK       | 20025   | 75RB#0           | 13.489                   | 14.75                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20025   | 75RB#0           | 13.497                   | 14.65                | PASS    |
| Band4 | 15MHz     | QPSK       | 20175   | 75RB#0           | 13.504                   | 14.60                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20175   | 75RB#0           | 13.473                   | 14.62                | PASS    |
| Band4 | 15MHz     | QPSK       | 20325   | 75RB#0           | 13.463                   | 14.74                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20325   | 75RB#0           | 13.455                   | 14.64                | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0          | 17.971                   | 19.38                | PASS    |
| Band4 | 20MHz     | 16QAM      | 20050   | 100RB#0          | 17.988                   | 19.36                | PASS    |



|       |       |       |       |         |        |       |      |
|-------|-------|-------|-------|---------|--------|-------|------|
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 17.974 | 19.31 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 17.952 | 19.38 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 17.947 | 19.53 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 17.913 | 19.32 | PASS |



## Test Graphs

