



Appendix D: Test Data for E-UTRA Band 4

Product Name: TRACKER 4G LTE CAT 1

Test Model: SF iRF WG GL

Environmental Conditions

|                    |            |
|--------------------|------------|
| Temperature:       | 23.5°C     |
| Relative Humidity: | 52.3%      |
| ATM Pressure:      | 100.0 kPa  |
| Test Engineer:     | Paddi Chen |
| Supervised by:     | Nick Peng  |





## D.1 Conducted Power Output Data

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 20.75       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 20.64       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#2            | 20.75       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#2            | 20.60       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5            | 20.84       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#5            | 20.66       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#0            | 20.86       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#0            | 19.84       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#1            | 20.85       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#1            | 19.63       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 3RB#3            | 20.90       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 3RB#3            | 19.63       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 20.03       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 19.12       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 21.48       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 20.17       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#2            | 21.59       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#2            | 20.17       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#5            | 21.68       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#5            | 20.22       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#0            | 21.64       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#0            | 20.53       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#1            | 21.62       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#1            | 20.57       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 3RB#3            | 21.68       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 3RB#3            | 20.95       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 20.78       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 20.10       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 21.90       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | 21.22       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#2            | 21.99       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#2            | 21.26       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5            | 21.95       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#5            | 21.25       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 3RB#0            | 22.02       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 3RB#0            | 20.91       | PASS    |



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|       |        |       |       |        |       |      |
|-------|--------|-------|-------|--------|-------|------|
| Band4 | 1.4MHz | QPSK  | 20393 | 3RB#1  | 22.03 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#1  | 20.92 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 3RB#3  | 22.17 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3  | 21.02 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0  | 21.16 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | 20.19 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#0  | 23.08 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#0  | 22.24 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#8  | 23.09 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#8  | 22.26 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#14 | 23.02 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#14 | 22.28 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#0  | 22.40 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#0  | 21.71 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#4  | 22.42 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#4  | 21.71 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#7  | 22.33 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#7  | 21.77 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | 22.32 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | 21.55 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#0  | 23.23 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#0  | 21.83 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#8  | 23.12 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#8  | 21.80 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#14 | 23.21 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#14 | 21.84 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#0  | 22.41 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 8RB#0  | 21.77 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#4  | 22.40 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 8RB#4  | 21.76 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#7  | 22.40 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 8RB#7  | 21.73 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | 22.33 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 15RB#0 | 21.47 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#0  | 23.06 | PASS |
| Band4 | 3MHz   | 16QAM | 20385 | 1RB#0  | 22.36 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#8  | 23.11 | PASS |
| Band4 | 3MHz   | 16QAM | 20385 | 1RB#8  | 22.35 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#14 | 23.08 | PASS |
| Band4 | 3MHz   | 16QAM | 20385 | 1RB#14 | 22.33 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#0  | 22.34 | PASS |
| Band4 | 3MHz   | 16QAM | 20385 | 8RB#0  | 21.51 | PASS |



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|-------|------|-------|-------|---------|-------|------|
| Band4 | 3MHz | QPSK  | 20385 | 8RB#4   | 22.28 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4   | 21.52 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#7   | 22.25 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7   | 21.51 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0  | 22.24 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0  | 21.64 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#0   | 23.17 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0   | 21.83 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#12  | 23.11 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#12  | 21.82 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#24  | 23.17 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#24  | 21.80 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#0  | 22.31 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#0  | 21.42 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#6  | 22.32 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#6  | 21.51 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#13 | 22.27 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#13 | 21.47 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0  | 22.24 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0  | 21.61 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#0   | 23.06 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0   | 22.60 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#12  | 22.99 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#12  | 22.59 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#24  | 23.05 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#24  | 22.26 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#0  | 22.46 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#0  | 21.55 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#6  | 22.39 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#6  | 21.57 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#13 | 22.44 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#13 | 21.53 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0  | 22.41 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0  | 21.46 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#0   | 23.05 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#0   | 21.81 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#12  | 23.11 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#12  | 21.83 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#24  | 23.09 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#24  | 21.84 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#0  | 22.26 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#0  | 21.33 | PASS |



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|-------|-------|-------|-------|---------|-------|------|
| Band4 | 5MHz  | QPSK  | 20375 | 12RB#6  | 22.28 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#6  | 21.34 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 12RB#13 | 22.30 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#13 | 21.34 | PASS |
| Band4 | 5MHz  | QPSK  | 20375 | 25RB#0  | 22.21 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | 21.38 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 23.07 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 22.40 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#24  | 23.04 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24  | 22.33 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#49  | 23.08 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | 22.33 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#0  | 22.40 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0  | 21.49 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#12 | 22.42 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 21.49 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#25 | 22.27 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 21.45 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 22.29 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 21.57 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 23.20 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 22.34 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#24  | 23.21 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24  | 22.33 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#49  | 23.19 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49  | 22.26 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#0  | 22.43 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0  | 21.72 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#12 | 22.41 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 21.73 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#25 | 22.43 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 21.74 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 22.32 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 21.68 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 23.08 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 22.51 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#24  | 23.06 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24  | 22.47 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | 23.13 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | 22.47 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#0  | 22.29 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0  | 21.56 | PASS |



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|-------|-------|-------|-------|---------|-------|------|
| Band4 | 10MHz | QPSK  | 20350 | 25RB#12 | 22.31 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 21.57 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#25 | 22.27 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 21.45 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 22.32 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 21.51 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 23.05 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 22.36 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#38  | 23.02 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38  | 22.33 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | 23.03 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | 22.34 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#0  | 22.36 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#0  | 22.35 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#18 | 22.35 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#18 | 22.34 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#37 | 22.33 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#37 | 22.33 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 22.33 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 21.45 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 22.72 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 22.22 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#38  | 22.74 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38  | 22.37 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#74  | 22.82 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74  | 22.14 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#0  | 22.28 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#0  | 22.27 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#18 | 22.27 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#18 | 22.26 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#37 | 22.26 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#37 | 22.26 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 22.26 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 21.66 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 22.98 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 22.63 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#38  | 22.98 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38  | 22.57 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | 22.97 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | 22.48 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#0  | 22.34 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#0  | 22.35 | PASS |



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|-------|-------|-------|-------|---------|-------|------|
| Band4 | 15MHz | QPSK  | 20325 | 38RB#18 | 22.35 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#18 | 22.35 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#37 | 22.36 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#37 | 22.36 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 22.36 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 21.47 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 23.08 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 22.23 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#49  | 23.07 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49  | 22.08 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | 23.08 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | 22.07 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#0  | 22.32 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0  | 21.64 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#25 | 22.35 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 21.65 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#50 | 22.36 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 21.64 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 22.34 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 21.55 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 23.29 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 22.94 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#49  | 23.22 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49  | 22.96 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#99  | 23.29 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99  | 22.85 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#0  | 22.42 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0  | 21.61 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#25 | 22.39 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 21.60 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#50 | 22.45 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 21.60 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 22.46 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 21.71 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 23.27 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 22.02 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#49  | 23.16 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49  | 21.90 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | 23.22 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | 21.87 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#0  | 22.40 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0  | 21.66 | PASS |



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|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 20MHz | QPSK  | 20300 | 50RB#25 | 22.39 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 21.66 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#50 | 22.28 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 21.53 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 22.36 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 21.60 | PASS |



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## D.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            | 3.49       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 4.18       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 4.27       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 4.93       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 3.55       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 4.18       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 4.49       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 5.14       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 3.39       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | 4.02       | 13        | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 4.31       | 13        | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 5.00       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | 3.48       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | 4.25       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 4.28       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 4.99       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 1RB#0            | 3.64       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 1RB#0            | 4.49       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 4.46       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 5.21       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#0            | 3.42       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 1RB#0            | 4.29       | 13        | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 4.29       | 13        | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 5.00       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#0            | 3.55       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#0            | 4.37       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 4.85       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 5.41       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 1RB#0            | 3.76       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 1RB#0            | 4.69       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 4.96       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 5.55       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#0            | 3.41       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 1RB#0            | 4.35       | 13        | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 4.77       | 13        | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | 5.37       | 13        | PASS    |



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|-------|-------|-------|-------|---------|------|----|------|
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 3.49 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 4.20 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 4.94 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 5.55 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 3.85 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 4.58 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 4.93 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 5.62 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 3.10 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 4.17 | 13 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 4.76 | 13 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 5.40 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 3.48 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 4.22 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 5.21 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 5.69 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 4.03 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 4.55 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 5.22 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 5.70 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 3.37 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 4.09 | 13 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 4.98 | 13 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 5.45 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 3.23 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 4.08 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 4.99 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 5.63 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 3.93 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 4.57 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 4.94 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 5.62 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 3.29 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 3.95 | 13 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 4.72 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 5.37 | 13 | PASS |



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## Test Graphs

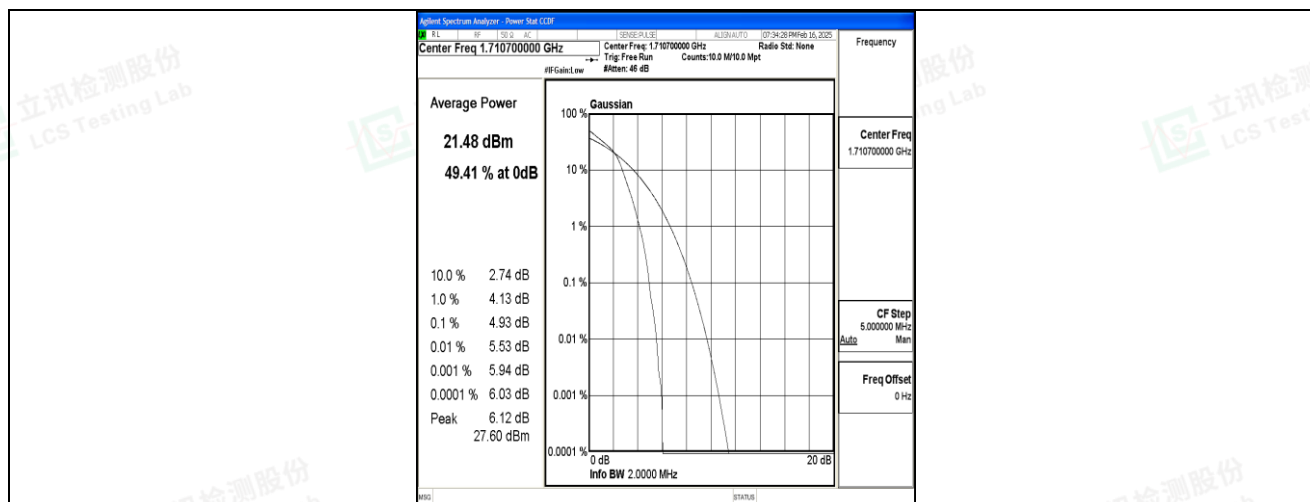


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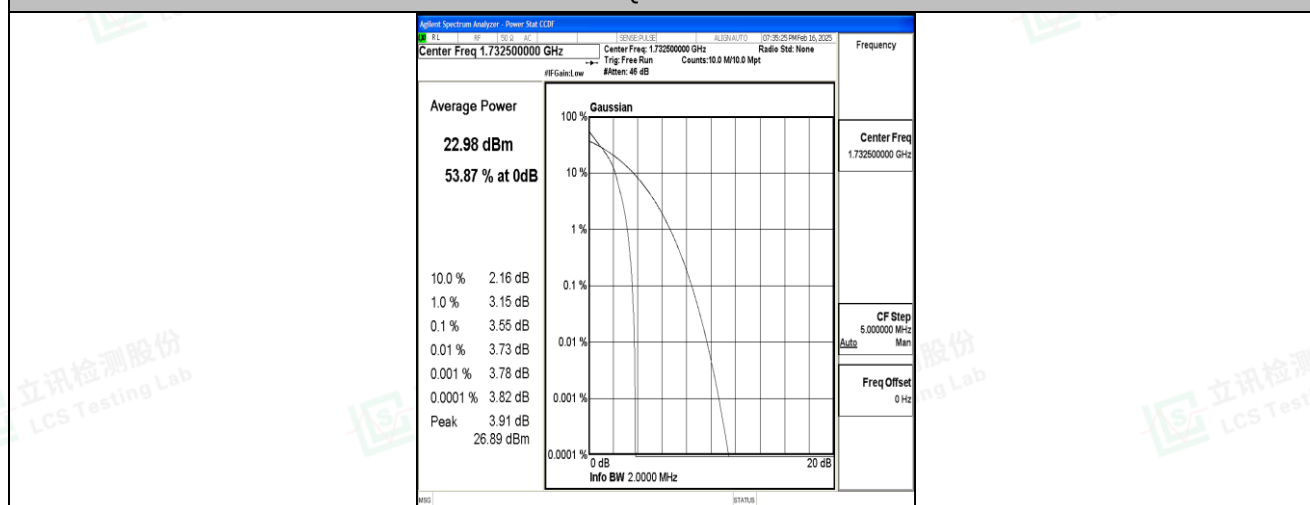
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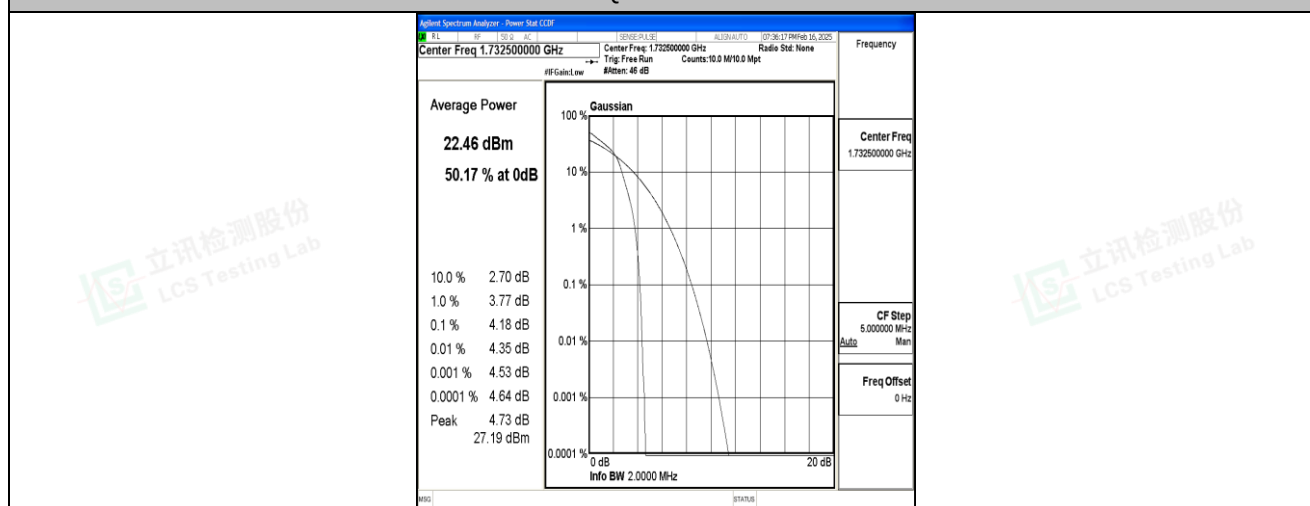
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## Band4-1.4MHz-16QAM-19957-6RB#0-PASS



## Band4-1.4MHz-QPSK-20175-1RB#0-PASS



## Band4-1.4MHz-16QAM-20175-1RB#0-PASS

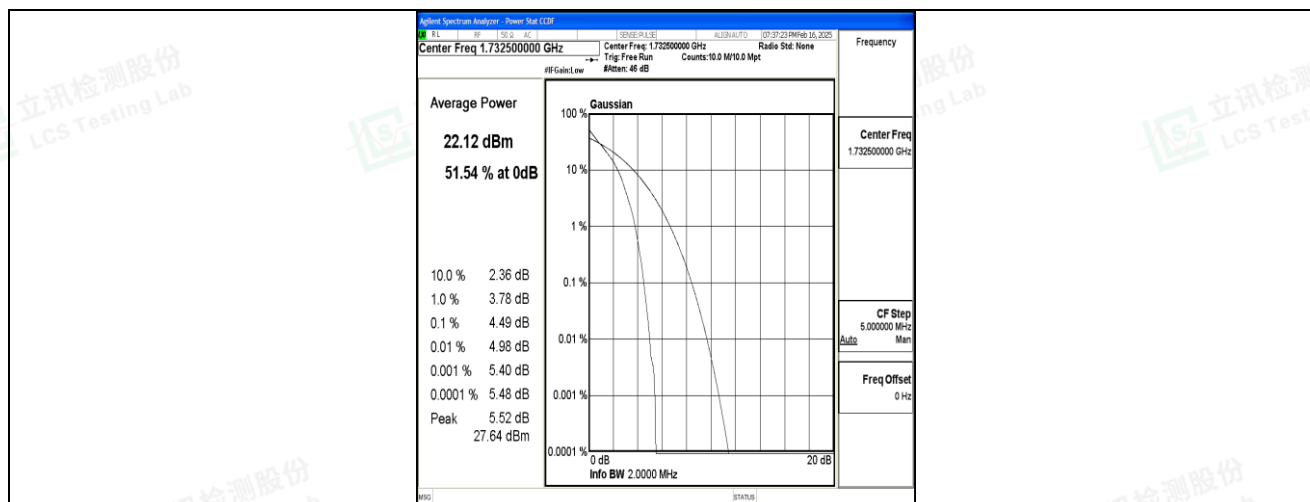


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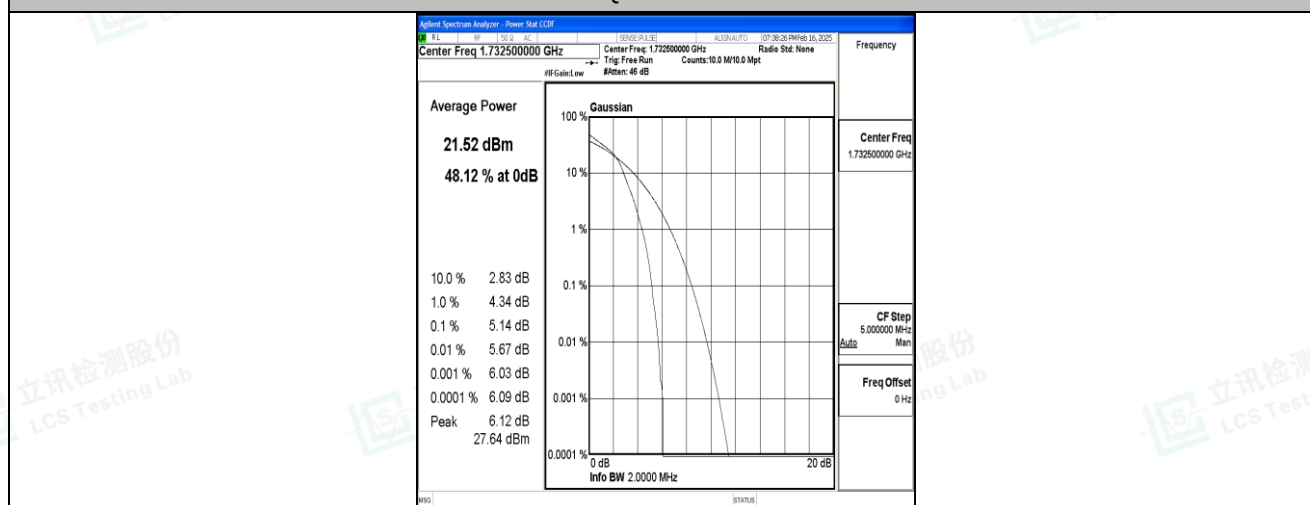
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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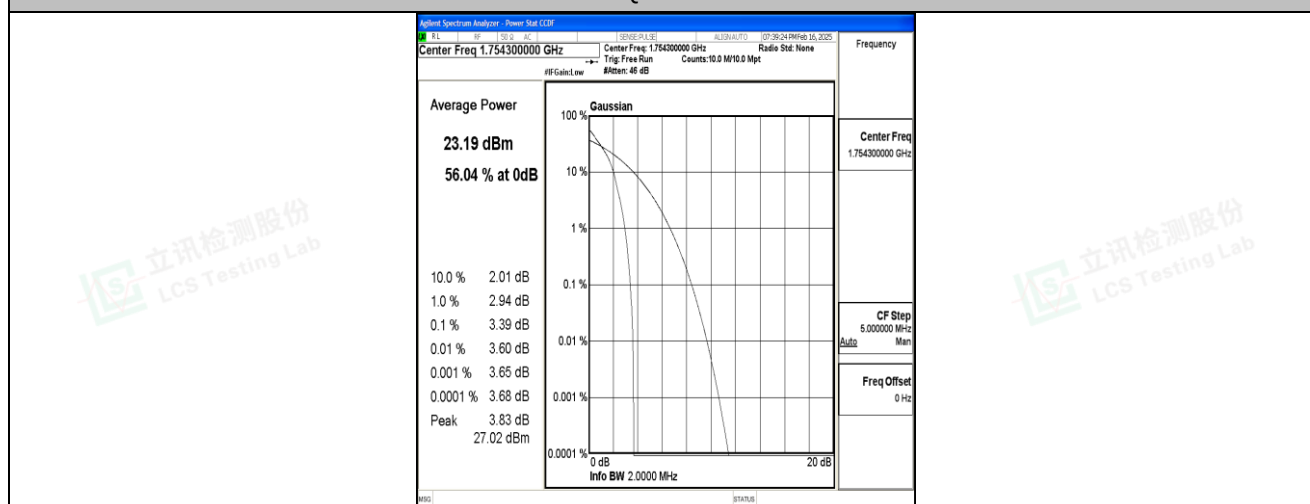
Scan code to check authenticity



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



## Band4-1.4MHz-16QAM-20175-6RB#0-PASS



## Band4-1.4MHz-QPSK-20393-1RB#0-PASS

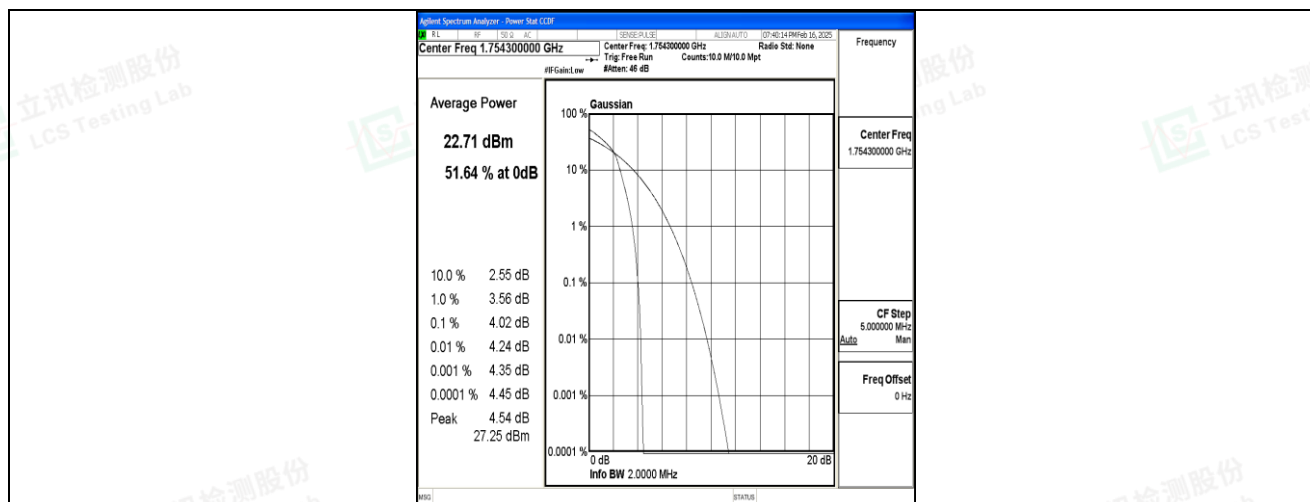


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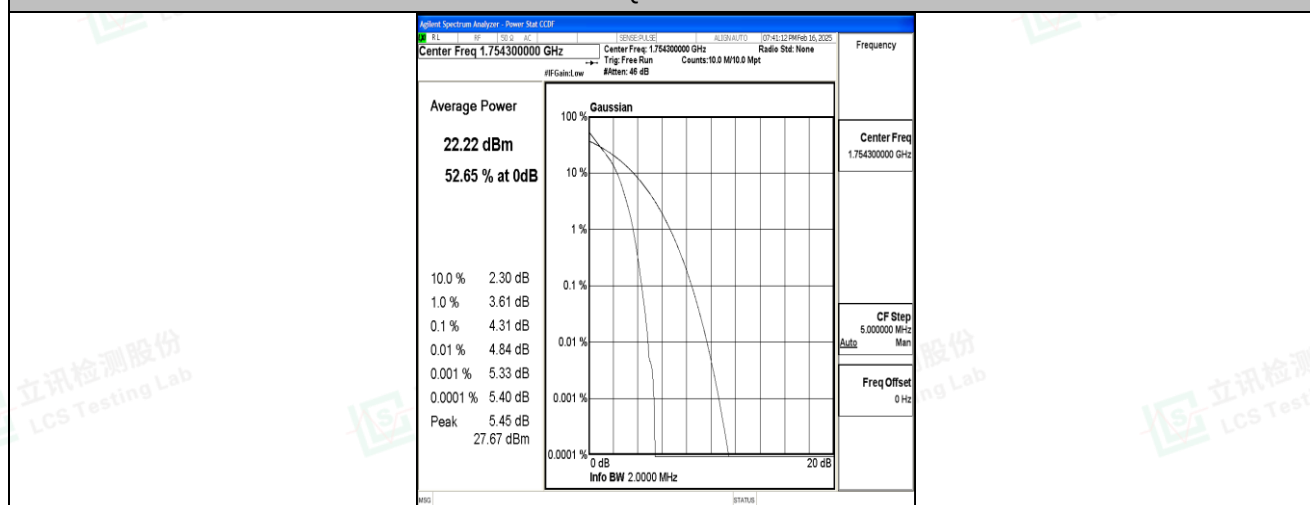
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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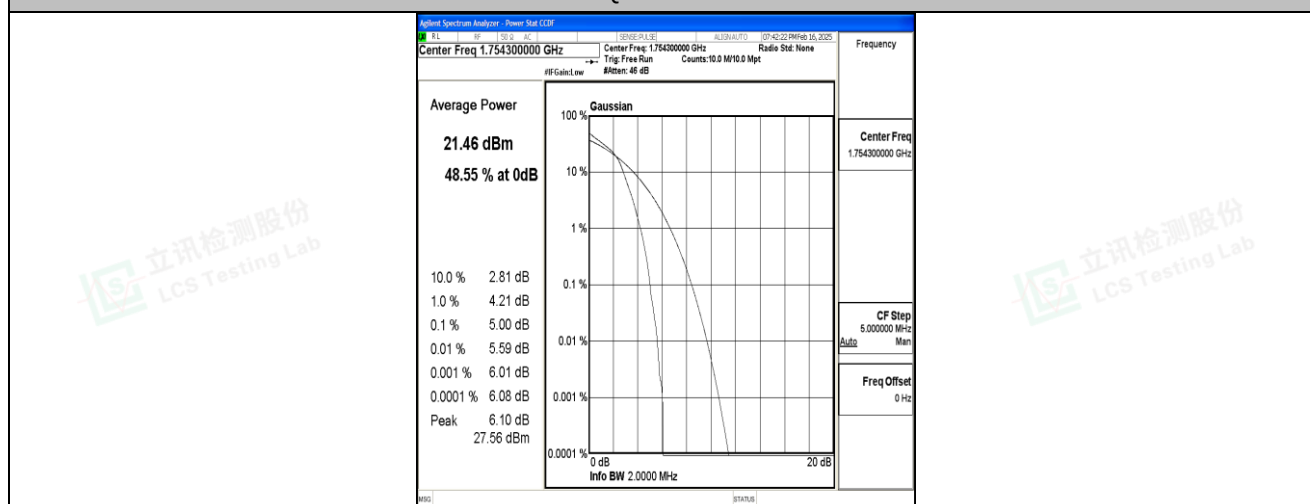
Scan code to check authenticity



## Band4-1.4MHz-16QAM-20393-1RB#0-PASS



## Band4-1.4MHz-QPSK-20393-6RB#0-PASS



## Band4-1.4MHz-16QAM-20393-6RB#0-PASS

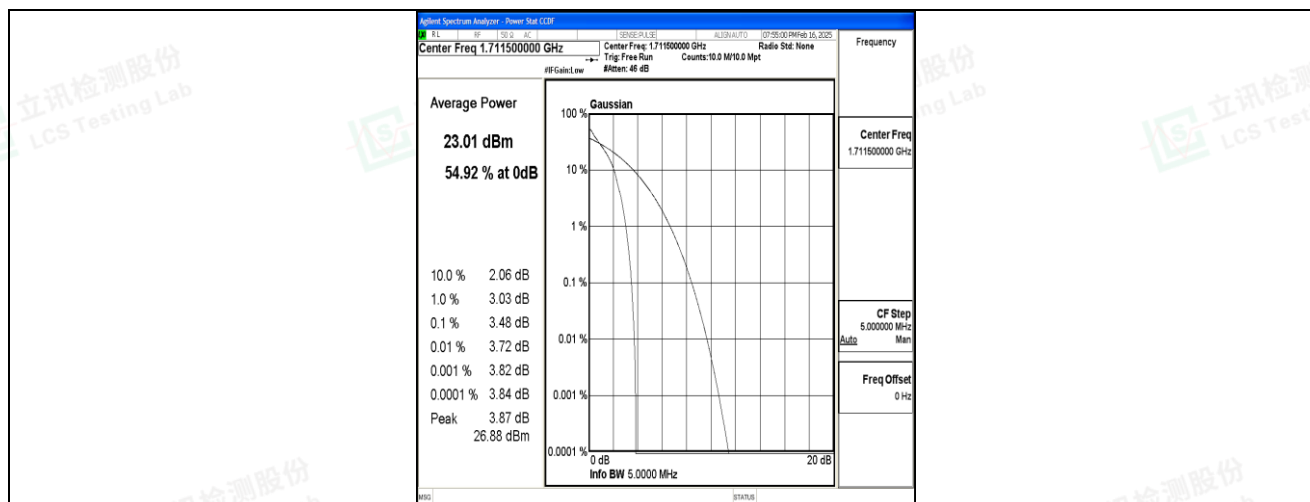


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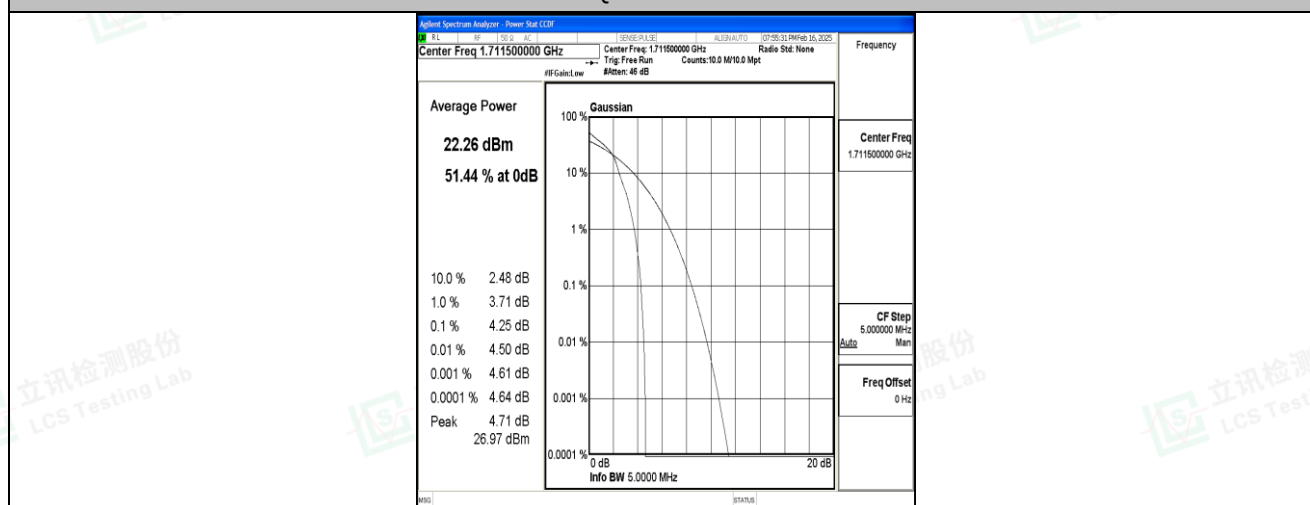
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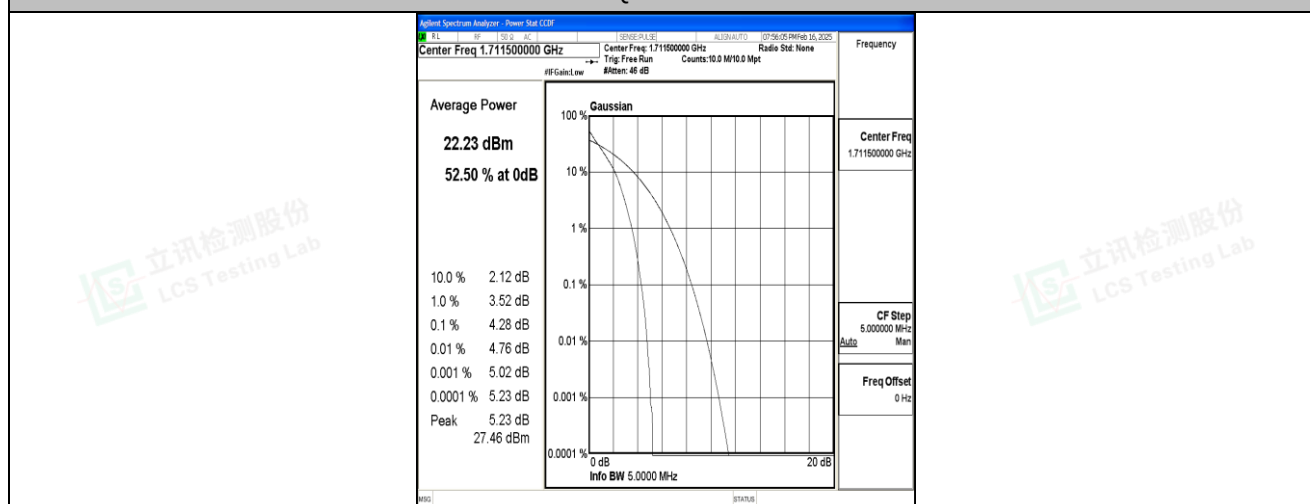
Scan code to check authenticity



## Band4-3MHz-QPSK-19965-1RB#0-PASS



## Band4-3MHz-16QAM-19965-1RB#0-PASS



## Band4-3MHz-QPSK-19965-15RB#0-PASS

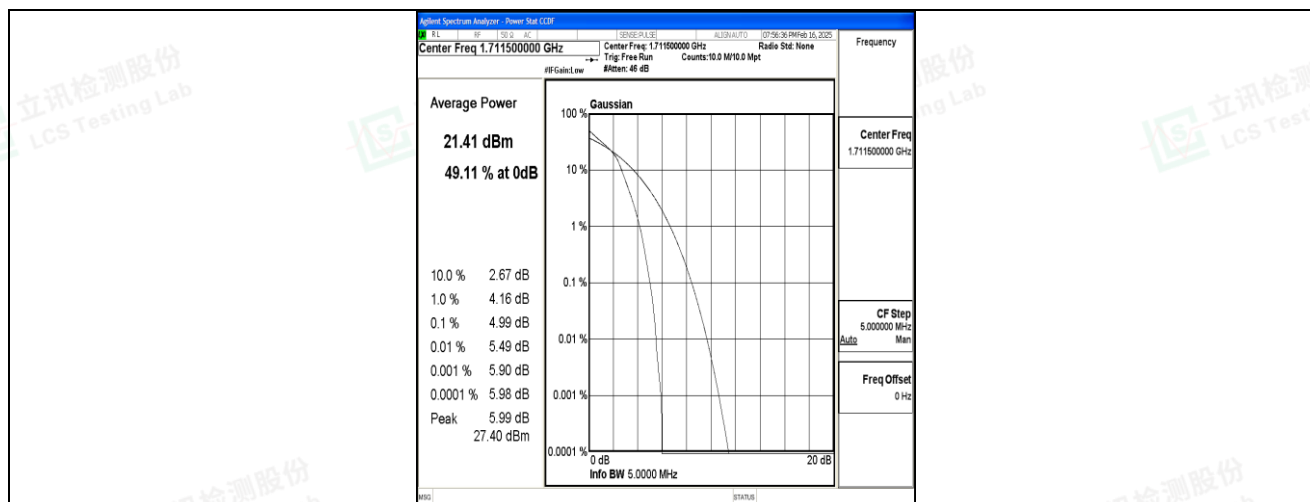


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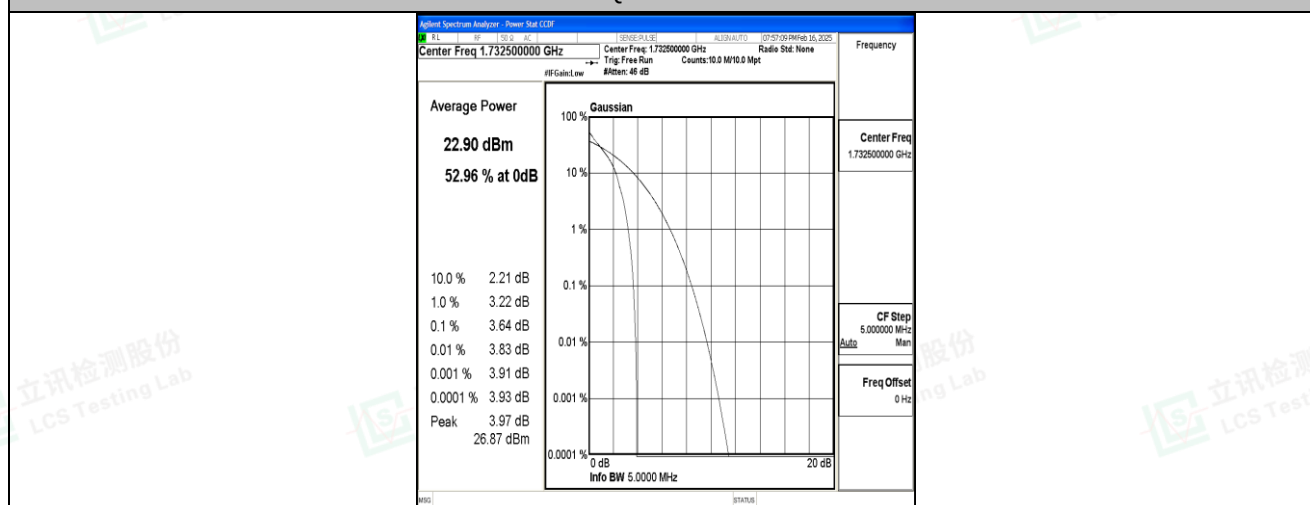
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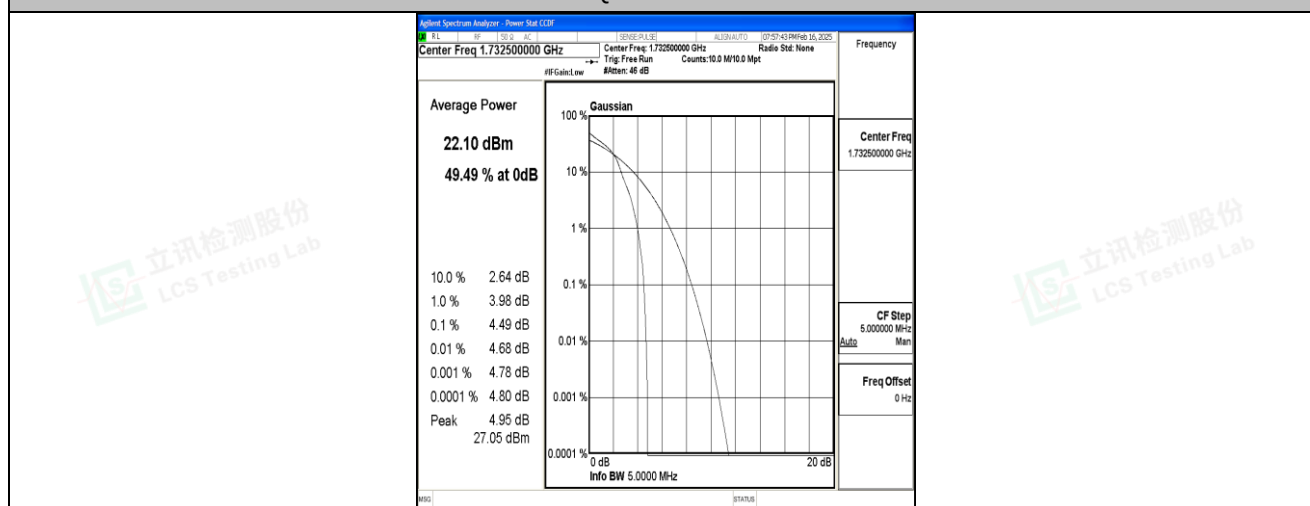
Scan code to check authenticity



## Band4-3MHz-16QAM-19965-15RB#0-PASS



## Band4-3MHz-QPSK-20175-1RB#0-PASS



## Band4-3MHz-16QAM-20175-1RB#0-PASS

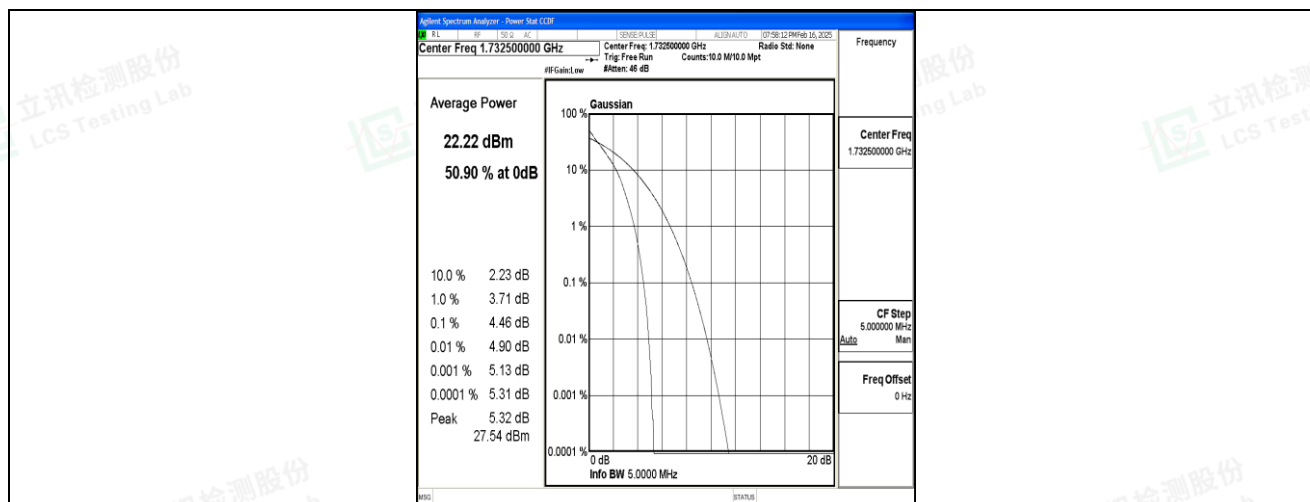


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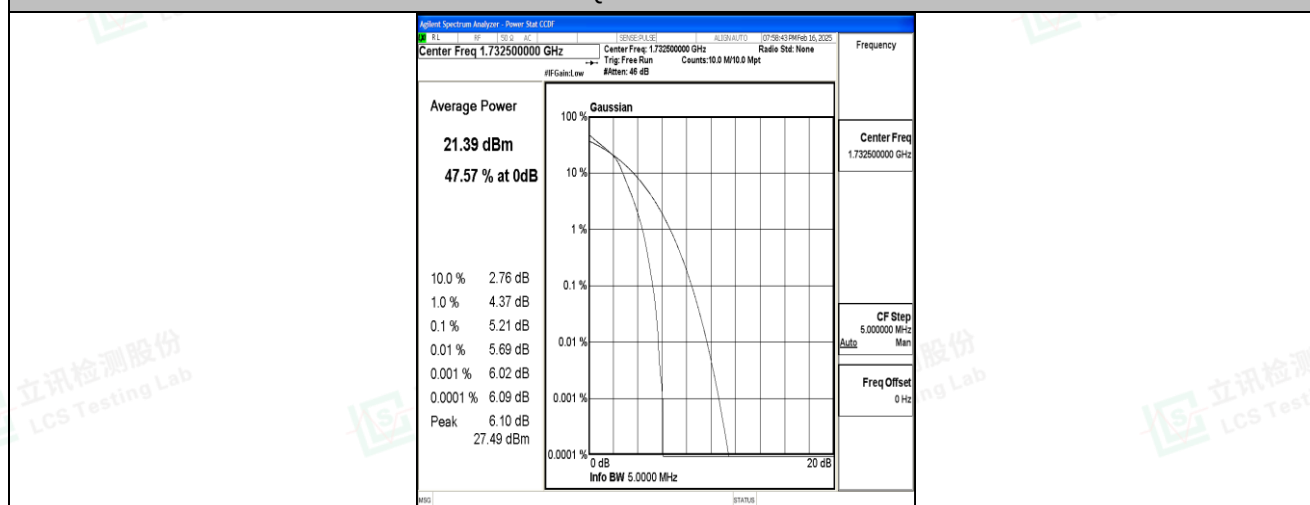
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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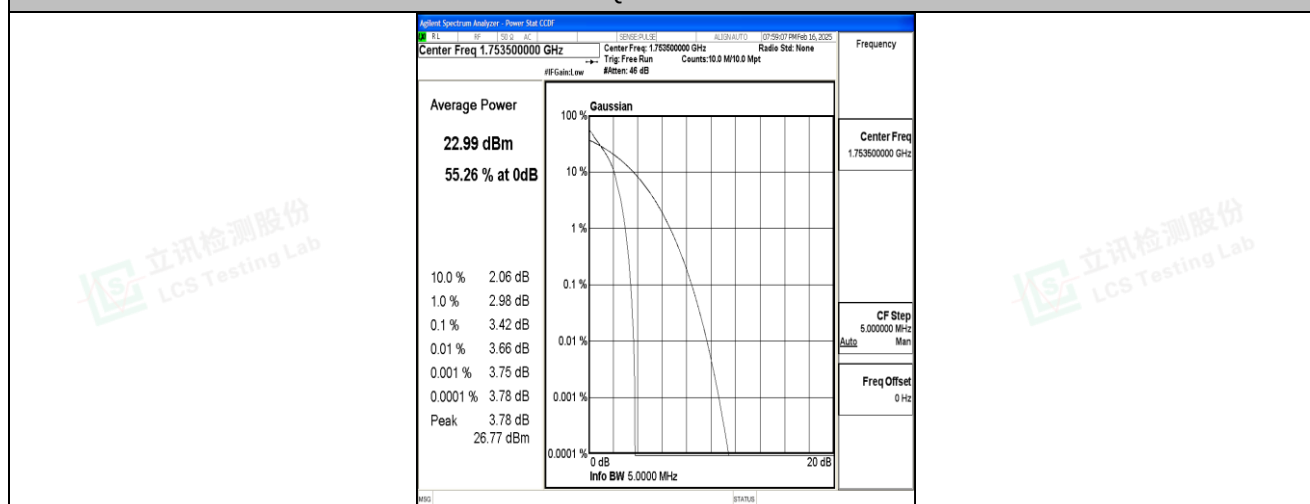
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## Band4-3MHz-QPSK-20175-15RB#0-PASS



## Band4-3MHz-16QAM-20175-15RB#0-PASS



## Band4-3MHz-QPSK-20385-1RB#0-PASS

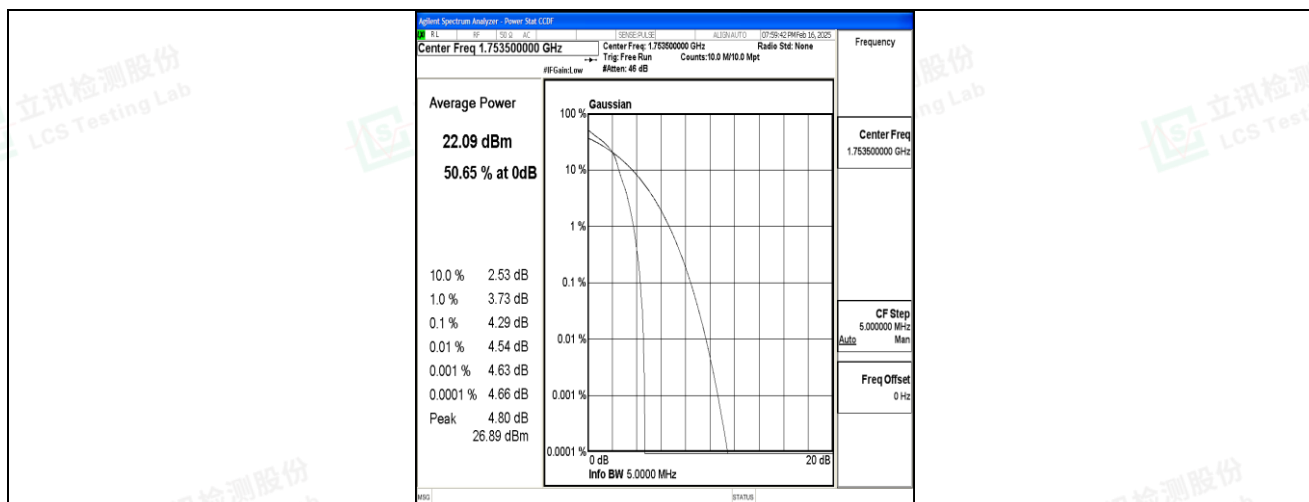


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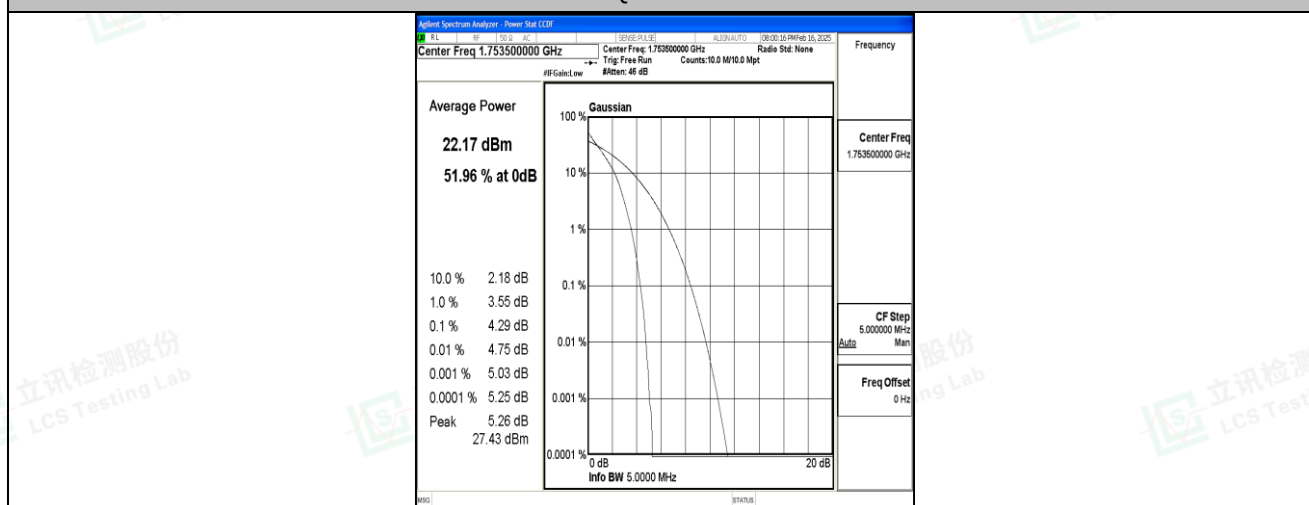
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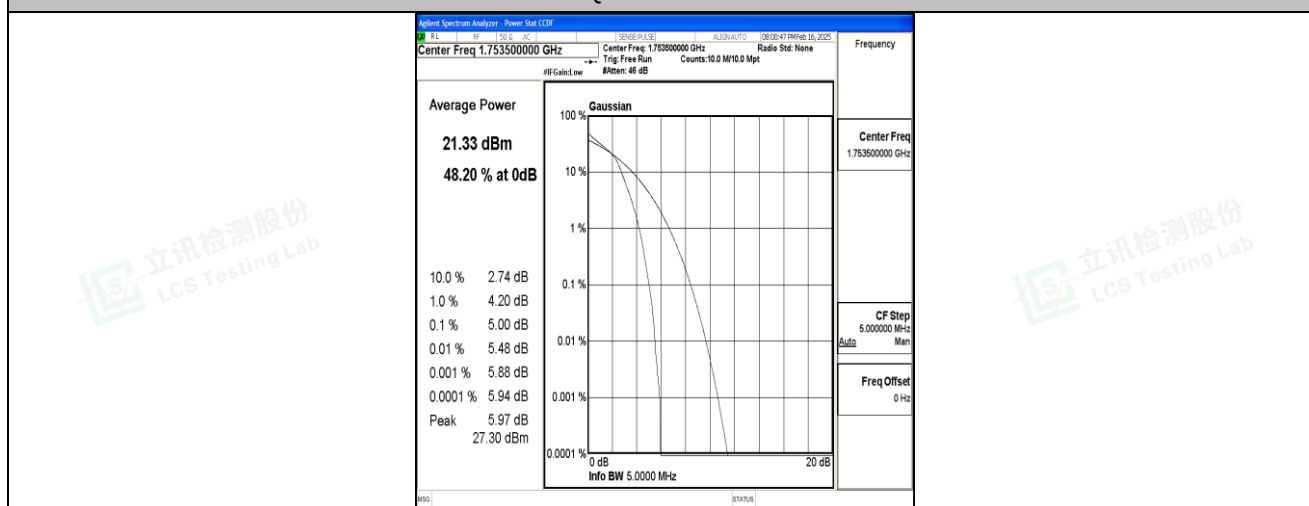
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## Band4-3MHz-16QAM-20385-1RB#0-PASS



## Band4-3MHz-QPSK-20385-15RB#0-PASS



## Band4-3MHz-16QAM-20385-15RB#0-PASS



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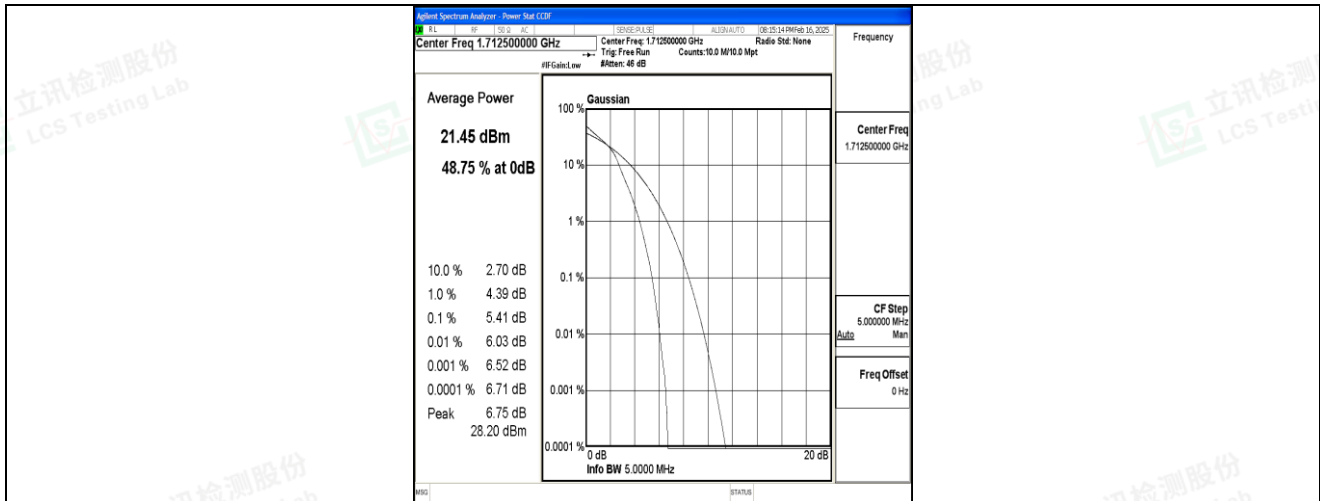


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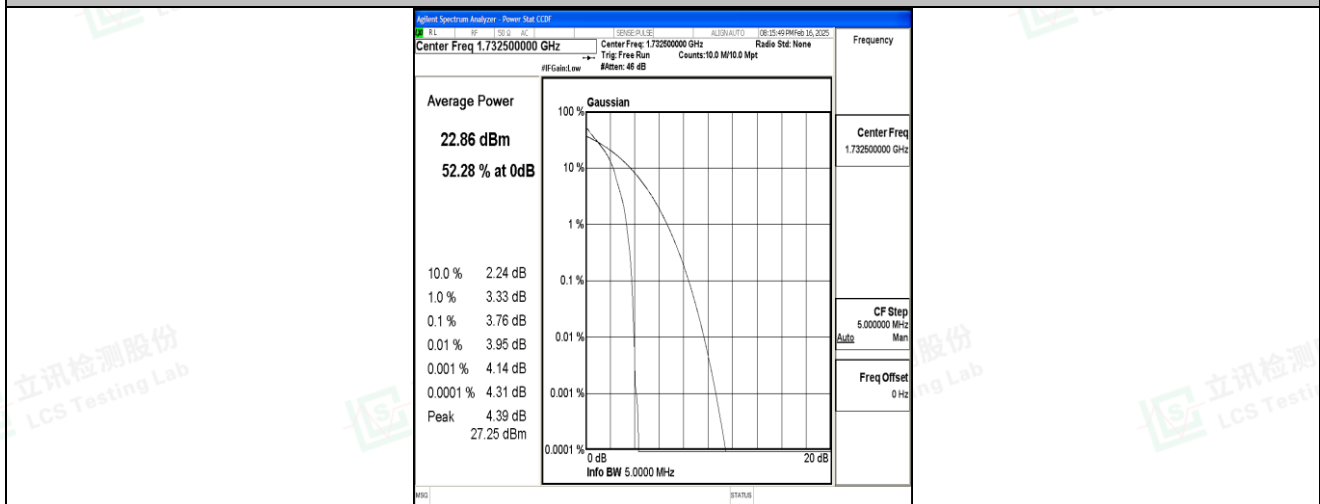
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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## Band4-5MHz-16QAM-19975-25RB#0-PASS



## Band4-5MHz-QPSK-20175-1RB#0-PASS



## Band4-5MHz-16QAM-20175-1RB#0-PASS

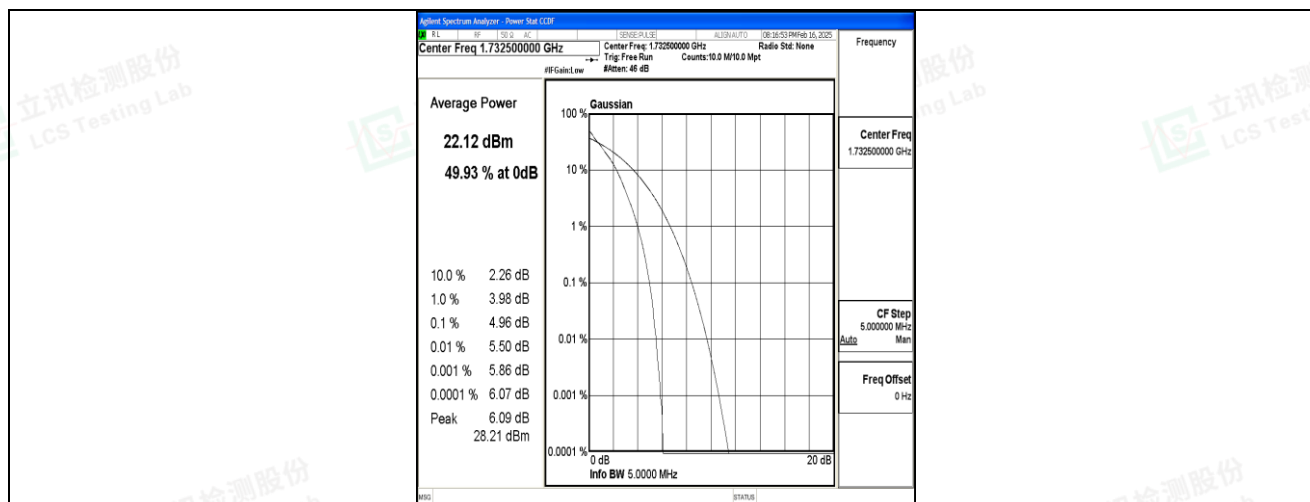


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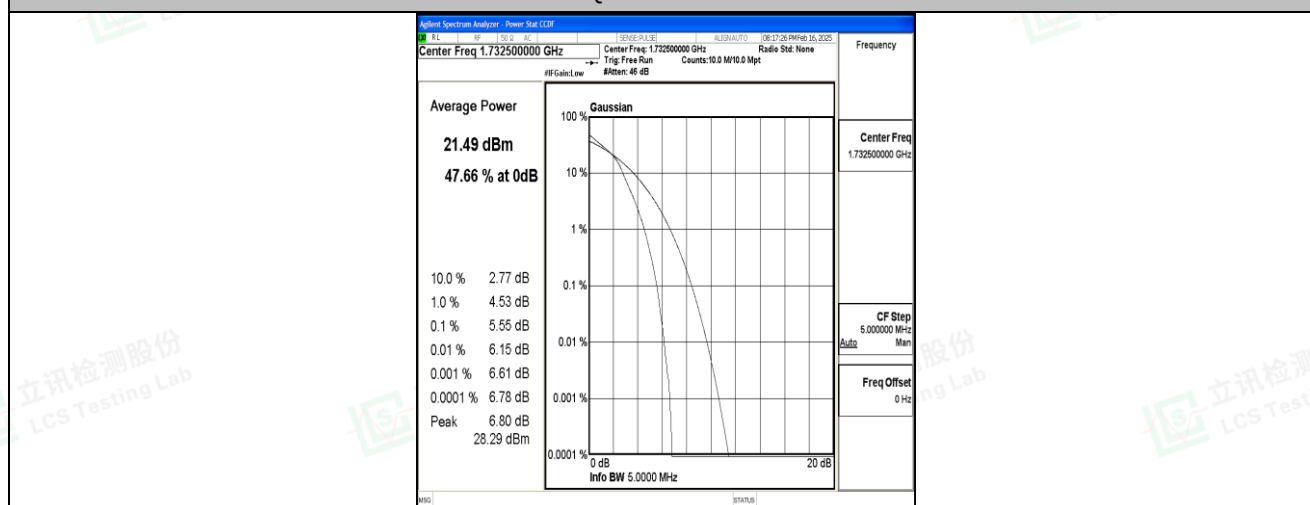
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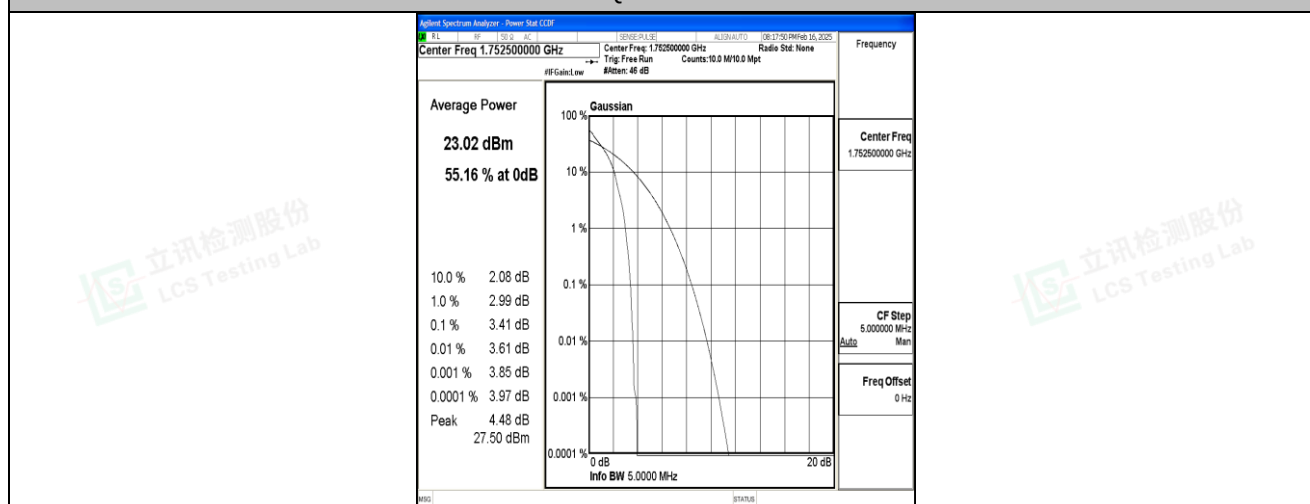
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## Band4-5MHz-QPSK-20175-25RB#0-PASS



## Band4-5MHz-16QAM-20175-25RB#0-PASS



## Band4-5MHz-QPSK-20375-1RB#0-PASS

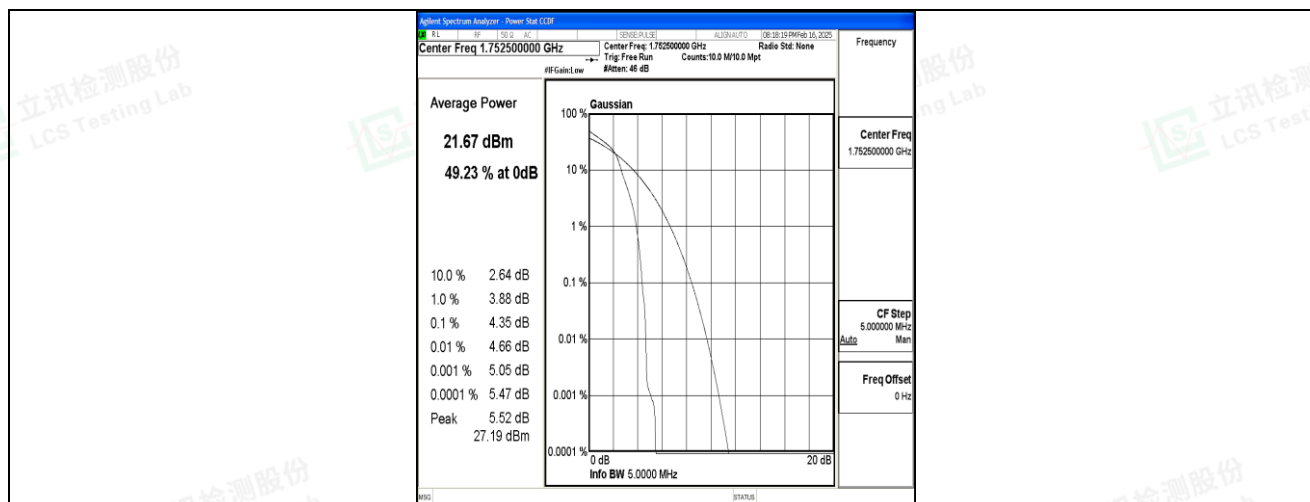


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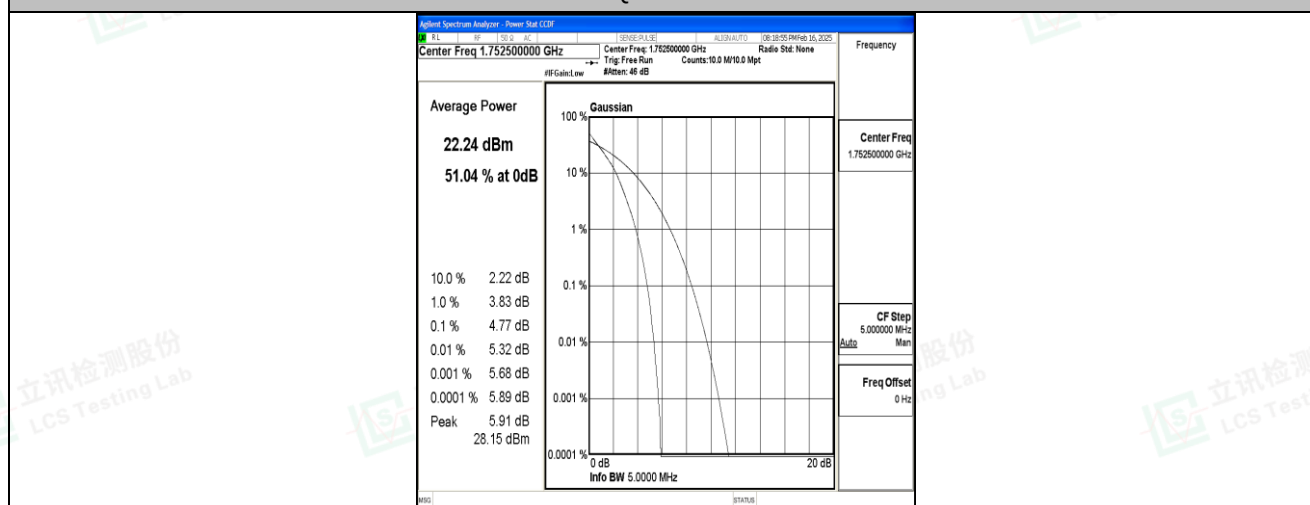
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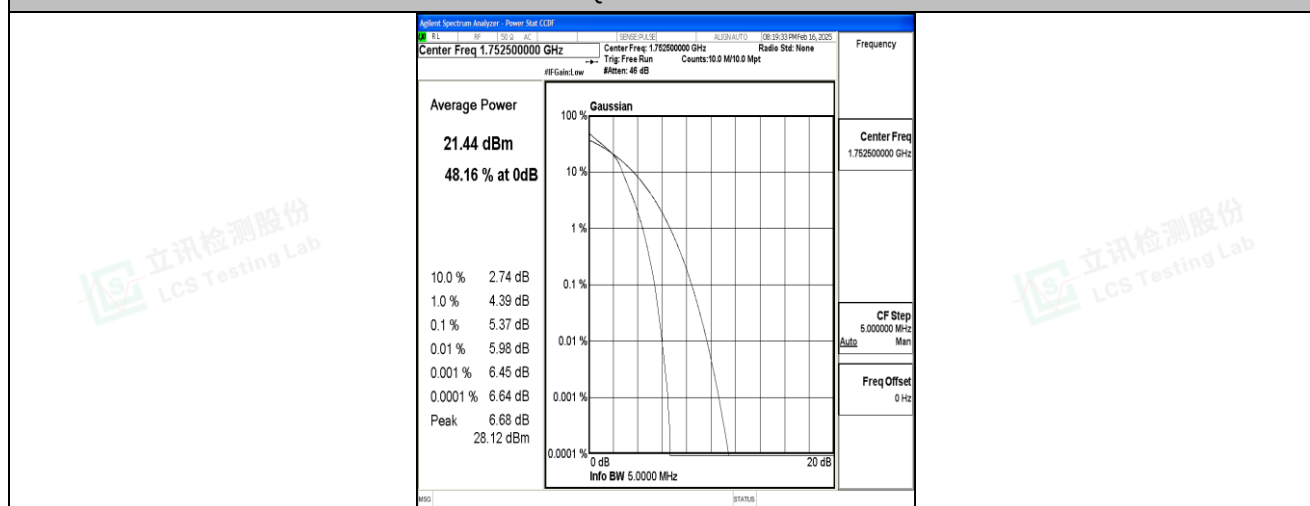
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## Band4-5MHz-16QAM-20375-1RB#0-PASS



## Band4-5MHz-QPSK-20375-25RB#0-PASS



## Band4-5MHz-16QAM-20375-25RB#0-PASS

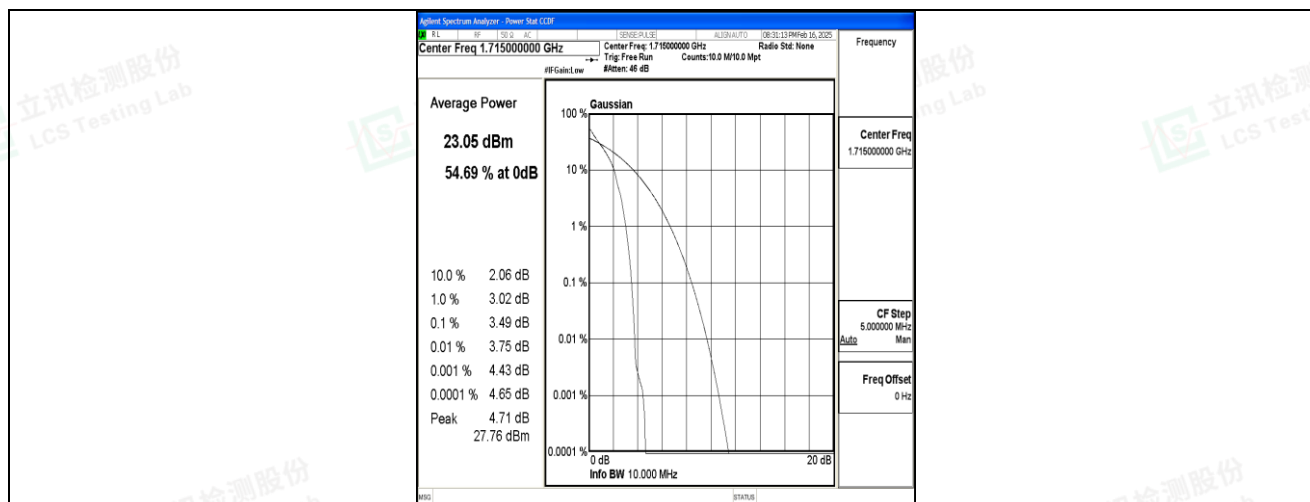


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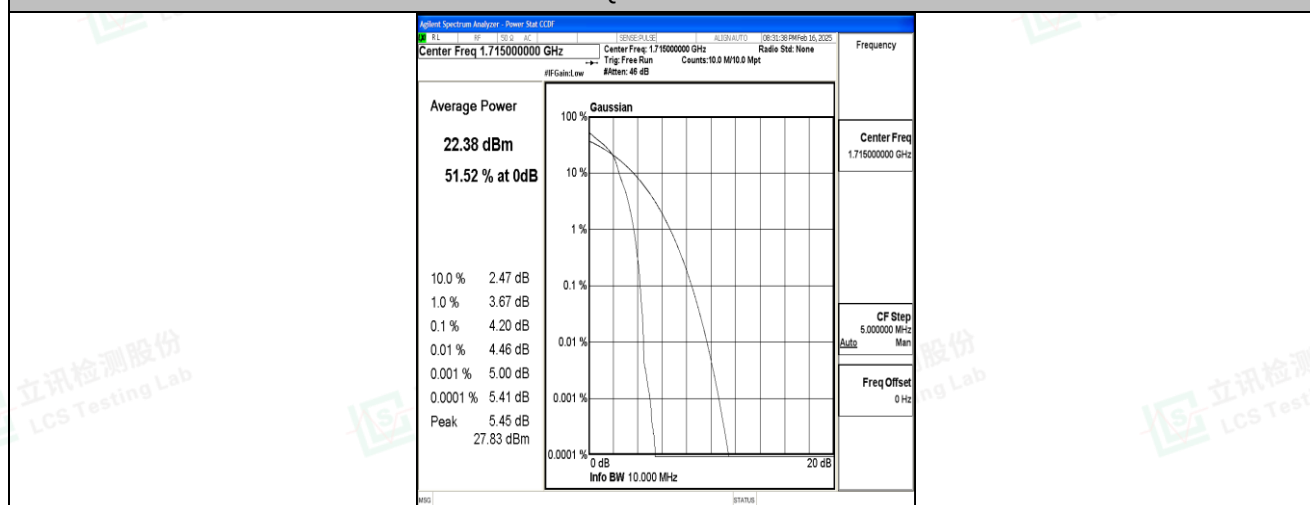
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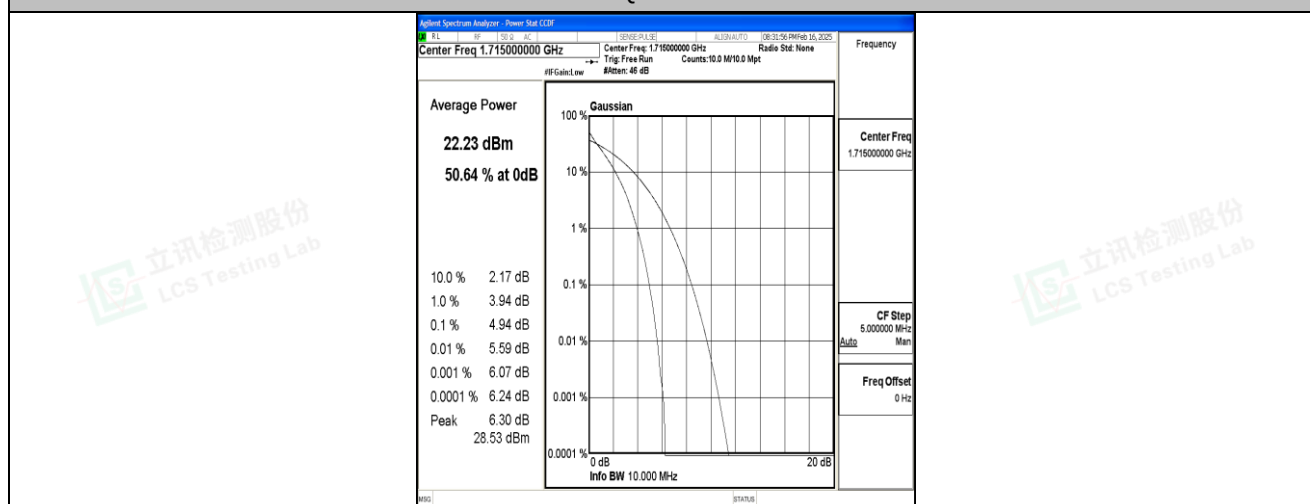
Scan code to check authenticity



## Band4-10MHz-QPSK-20000-1RB#0-PASS



## Band4-10MHz-16QAM-20000-1RB#0-PASS



## Band4-10MHz-QPSK-20000-50RB#0-PASS

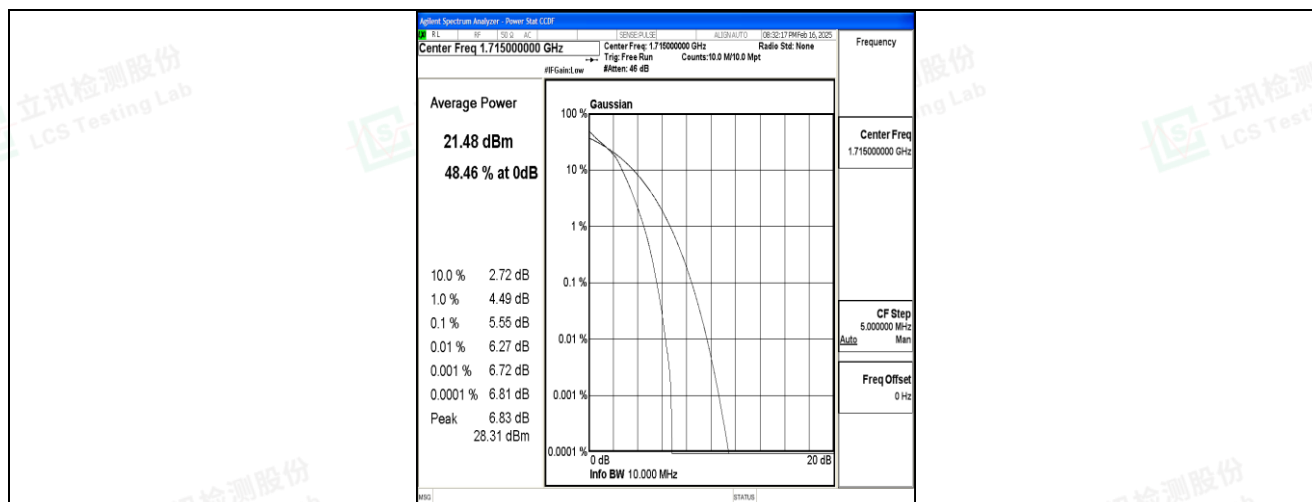


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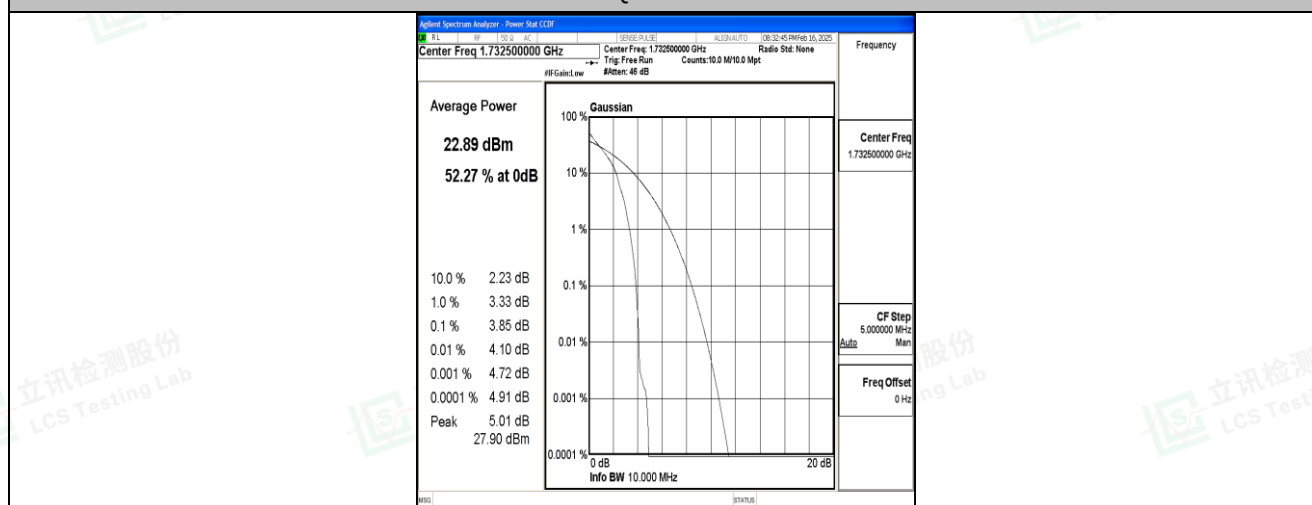
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

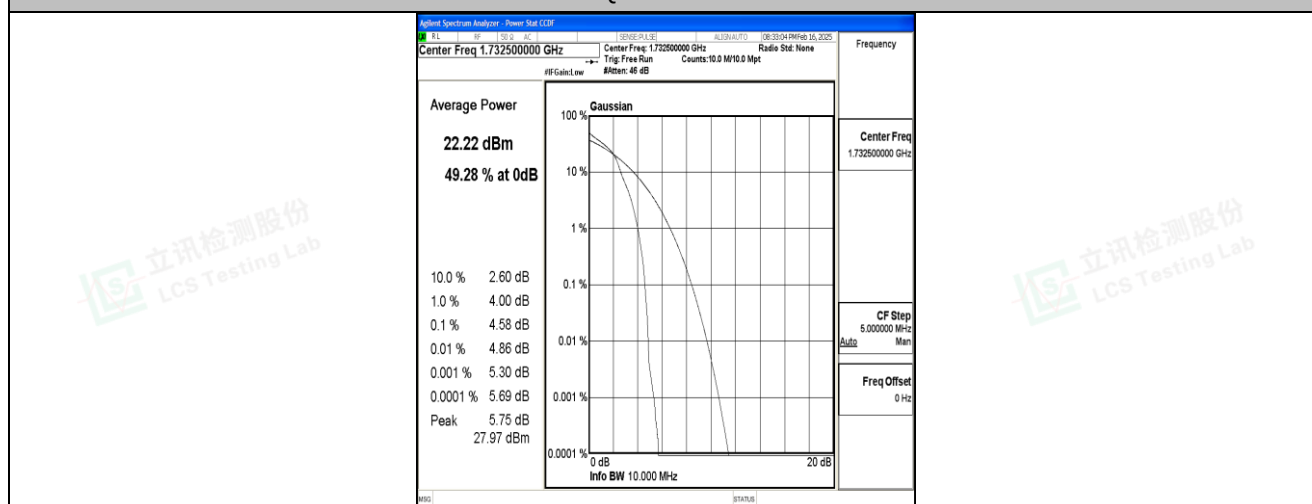
Scan code to check authenticity



## Band4-10MHz-16QAM-20000-50RB#0-PASS



## Band4-10MHz-QPSK-20175-1RB#0-PASS



## Band4-10MHz-16QAM-20175-1RB#0-PASS

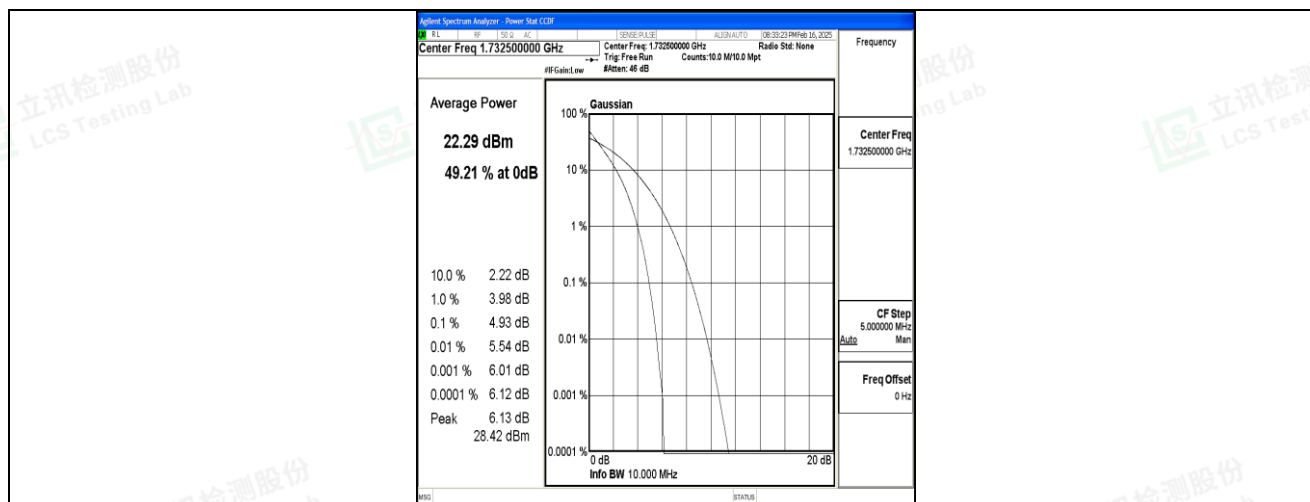


Shenzhen LCS Compliance Testing Laboratory Ltd.

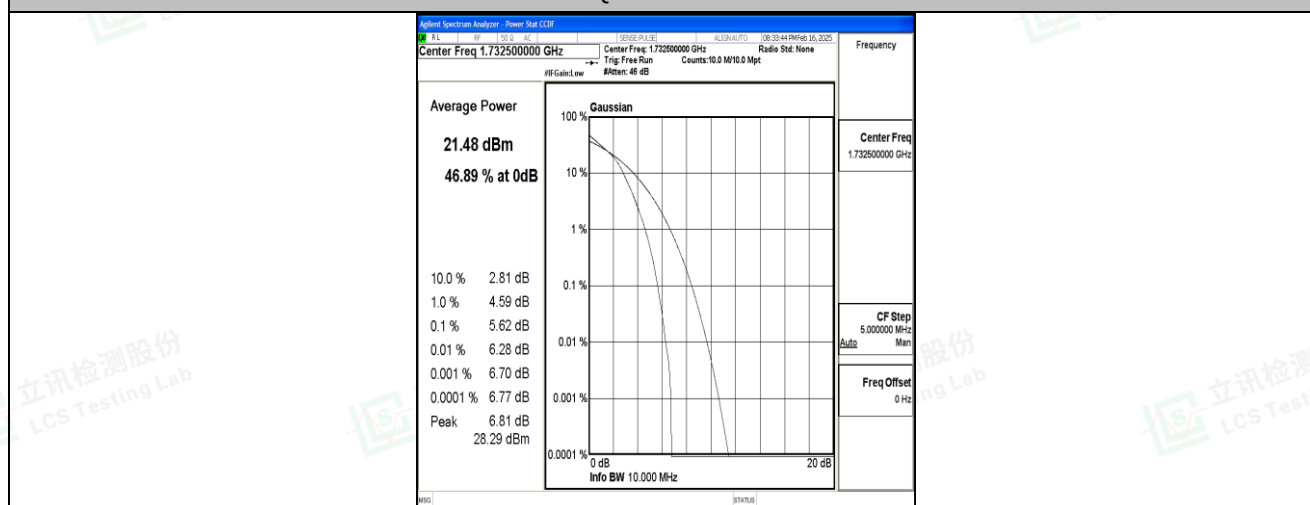
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

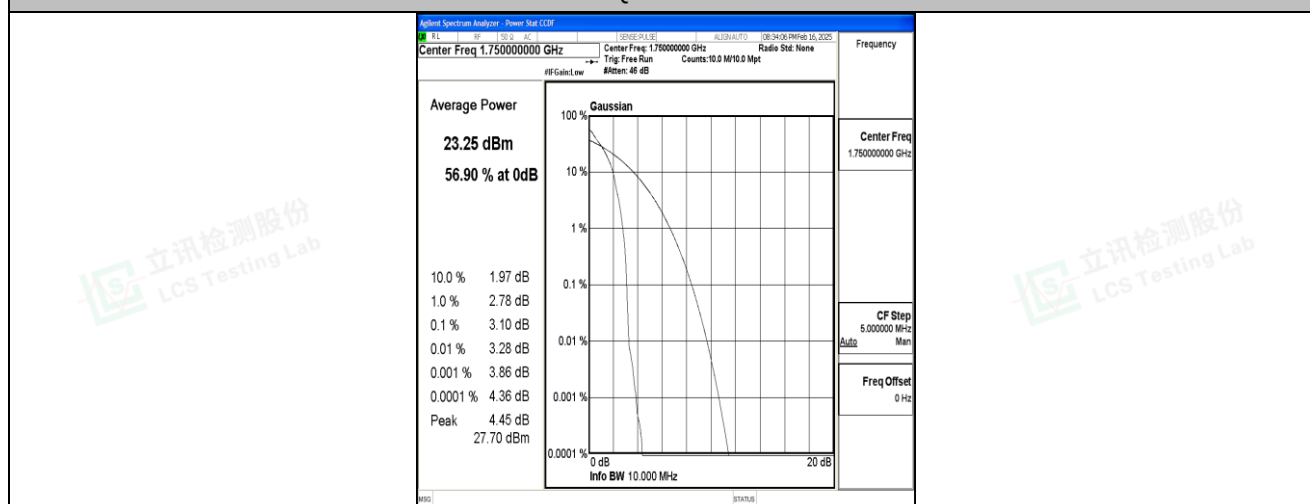
Scan code to check authenticity



## Band4-10MHz-QPSK-20175-50RB#0-PASS



## Band4-10MHz-16QAM-20175-50RB#0-PASS



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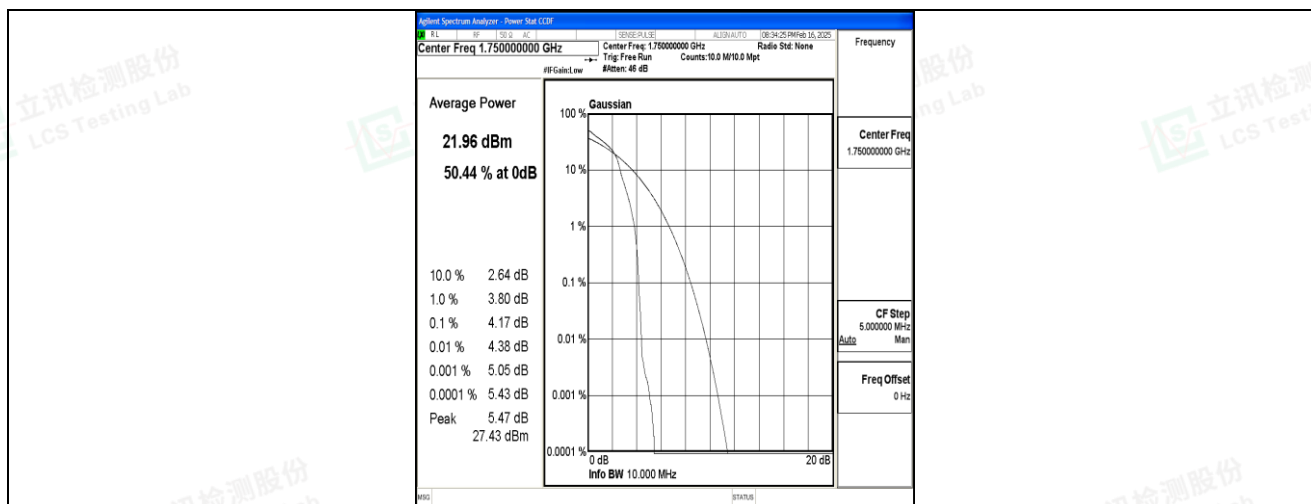


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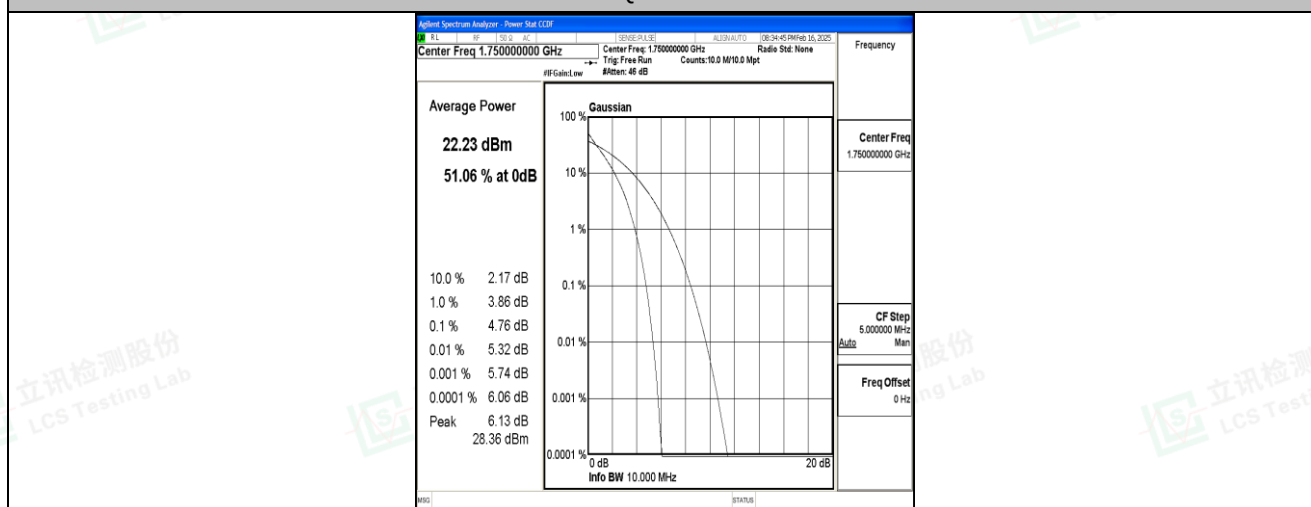
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

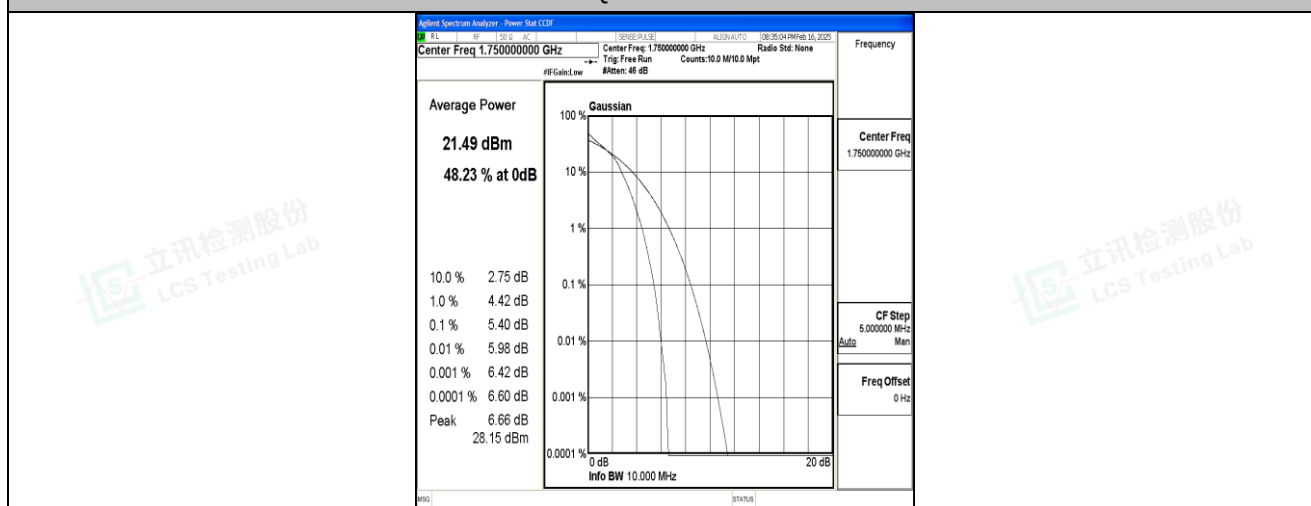
Scan code to check authenticity



## Band4-10MHz-16QAM-20350-1RB#0-PASS



## Band4-10MHz-QPSK-20350-50RB#0-PASS



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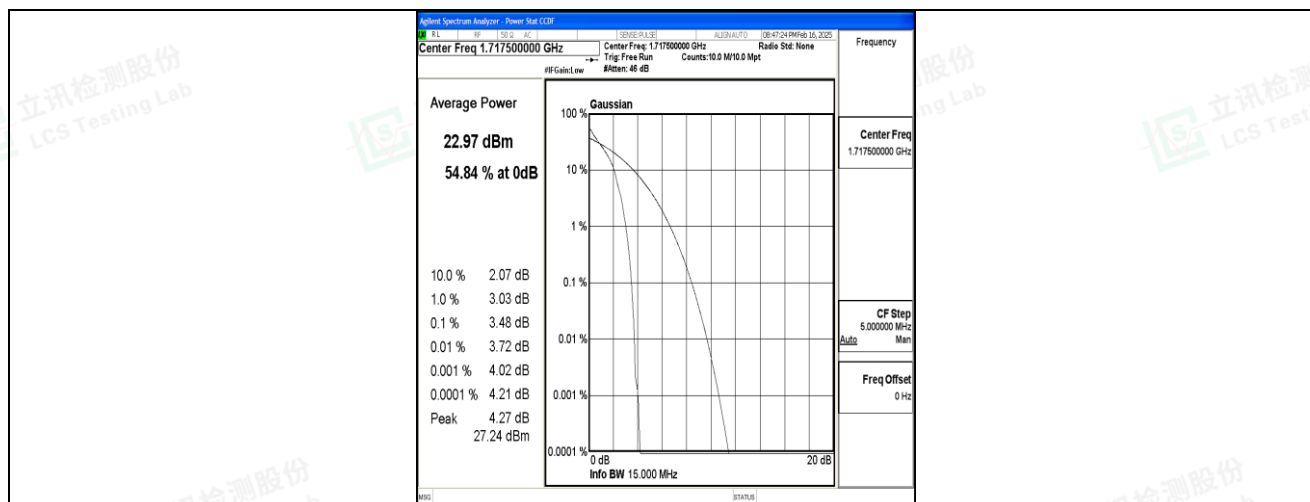


Shenzhen LCS Compliance Testing Laboratory Ltd.

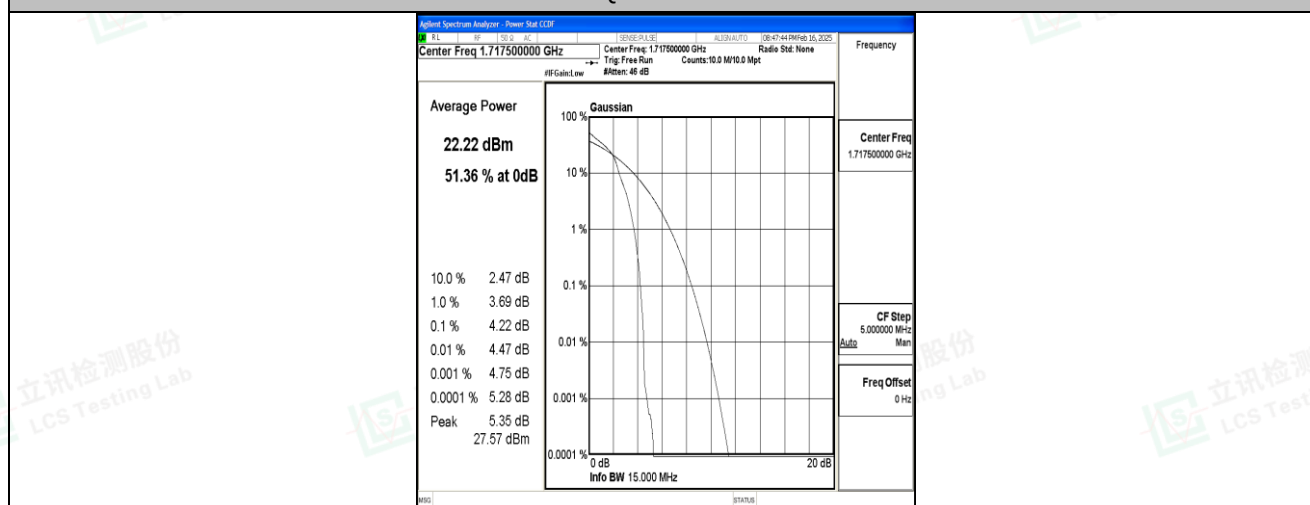
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

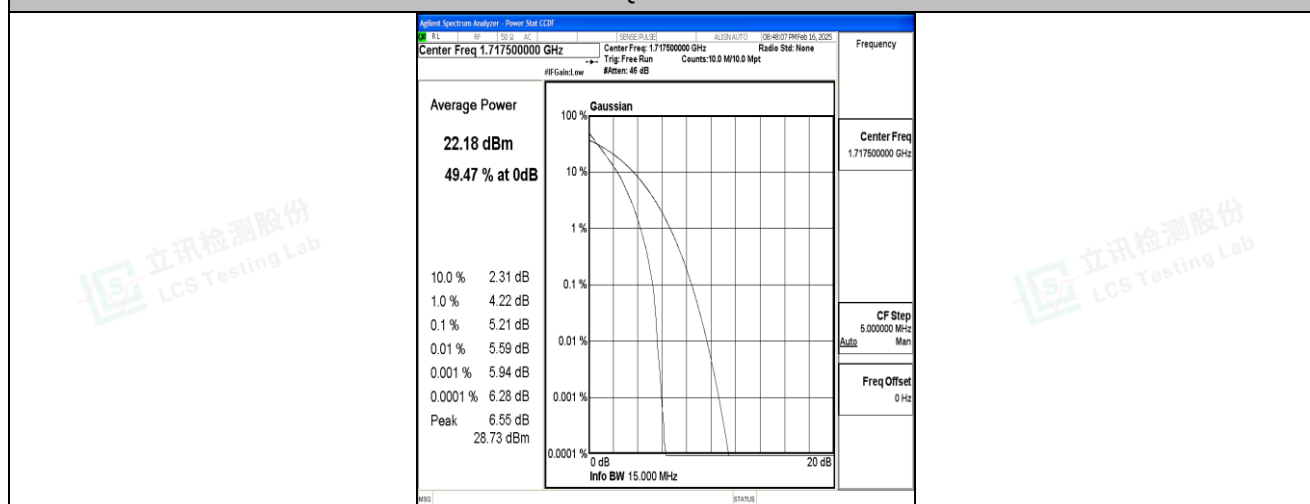
Scan code to check authenticity



## Band4-15MHz-QPSK-20025-1RB#0-PASS



## Band4-15MHz-16QAM-20025-1RB#0-PASS



## Band4-15MHz-QPSK-20025-75RB#0-PASS

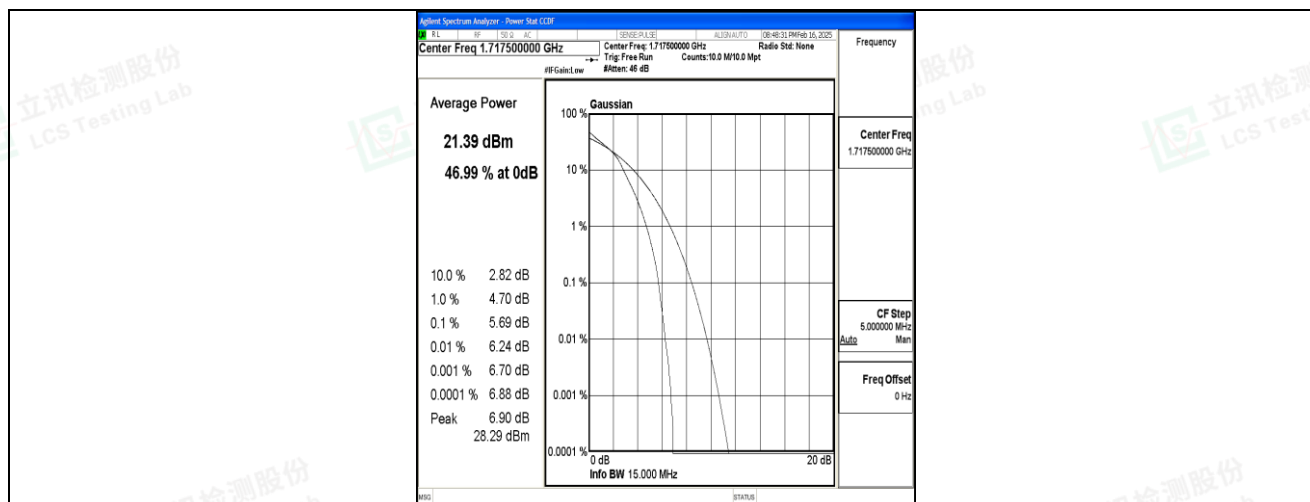


Shenzhen LCS Compliance Testing Laboratory Ltd.

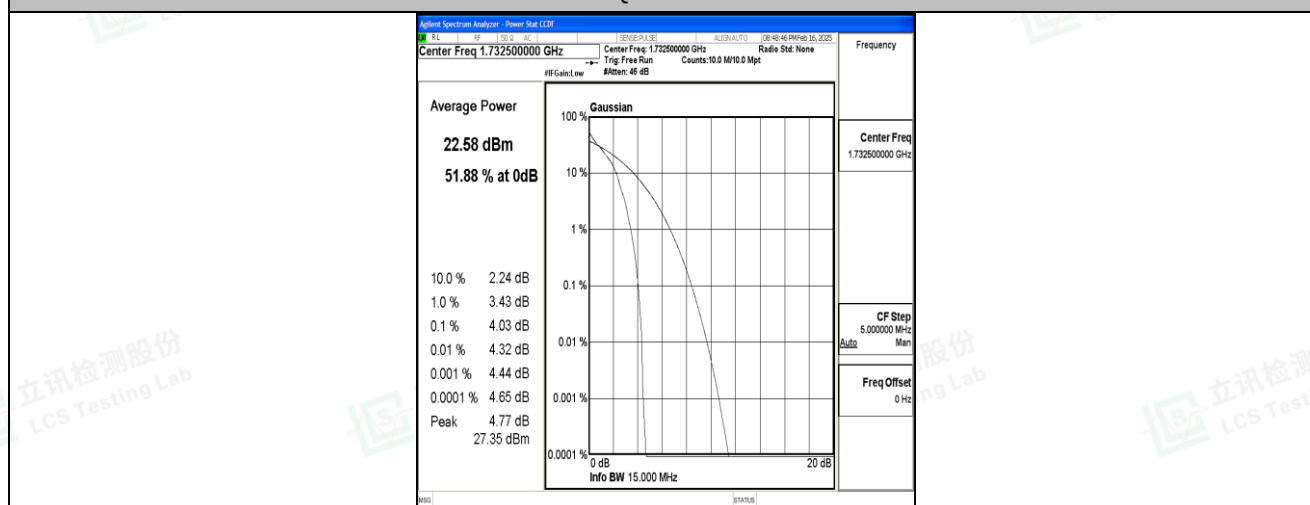
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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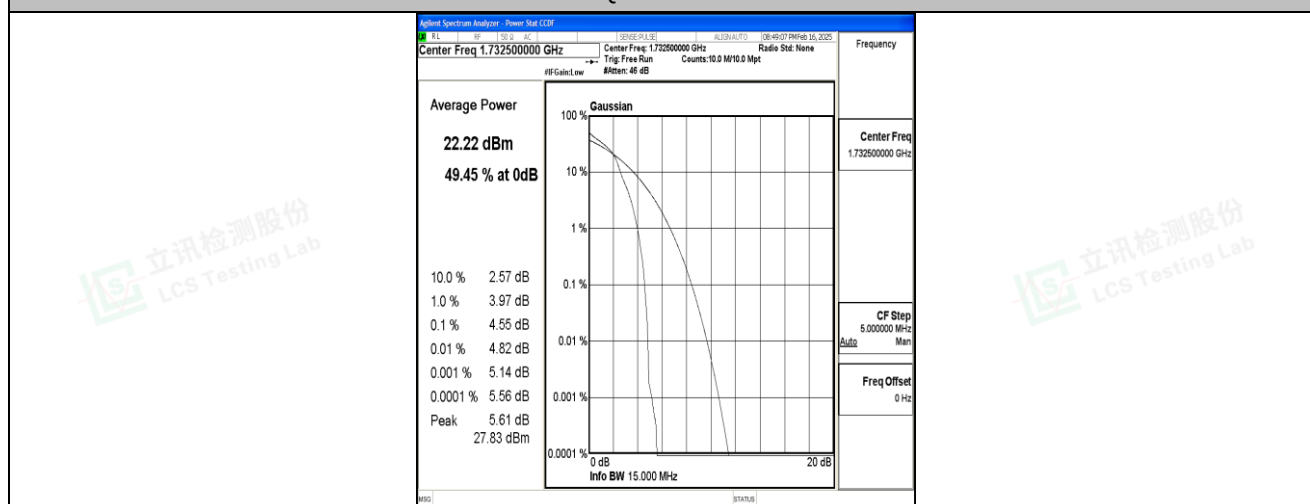
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## Band4-15MHz-16QAM-20025-75RB#0-PASS



## Band4-15MHz-QPSK-20175-1RB#0-PASS



## Band4-15MHz-16QAM-20175-1RB#0-PASS

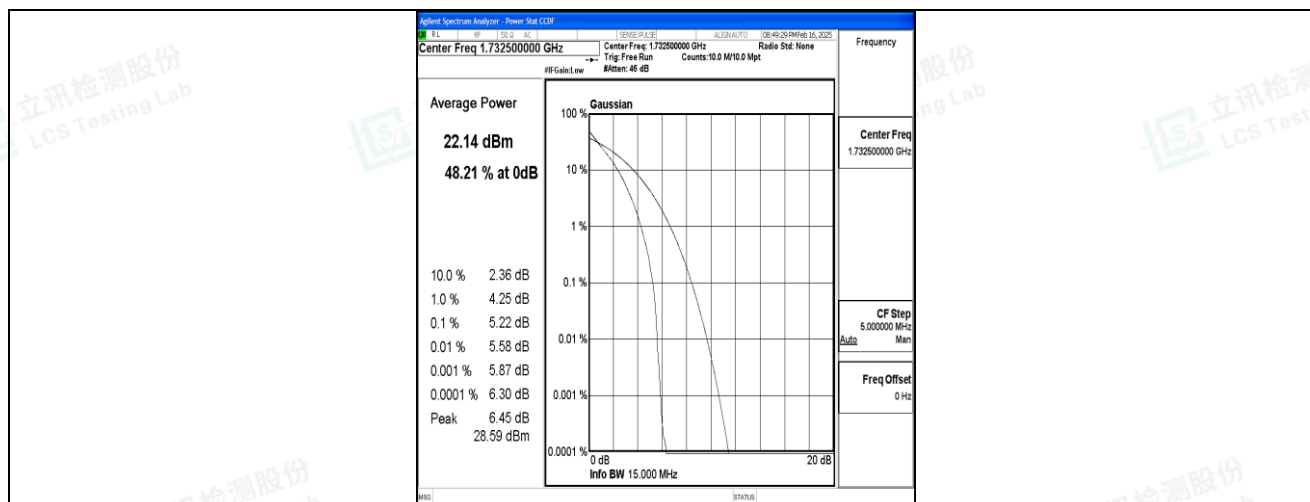


Shenzhen LCS Compliance Testing Laboratory Ltd.

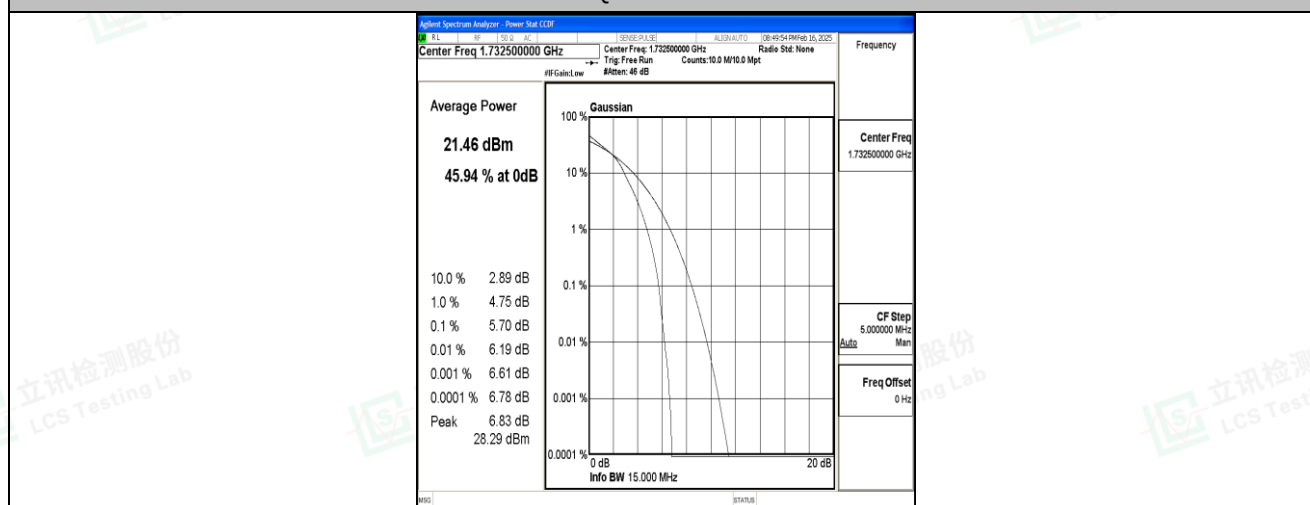
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

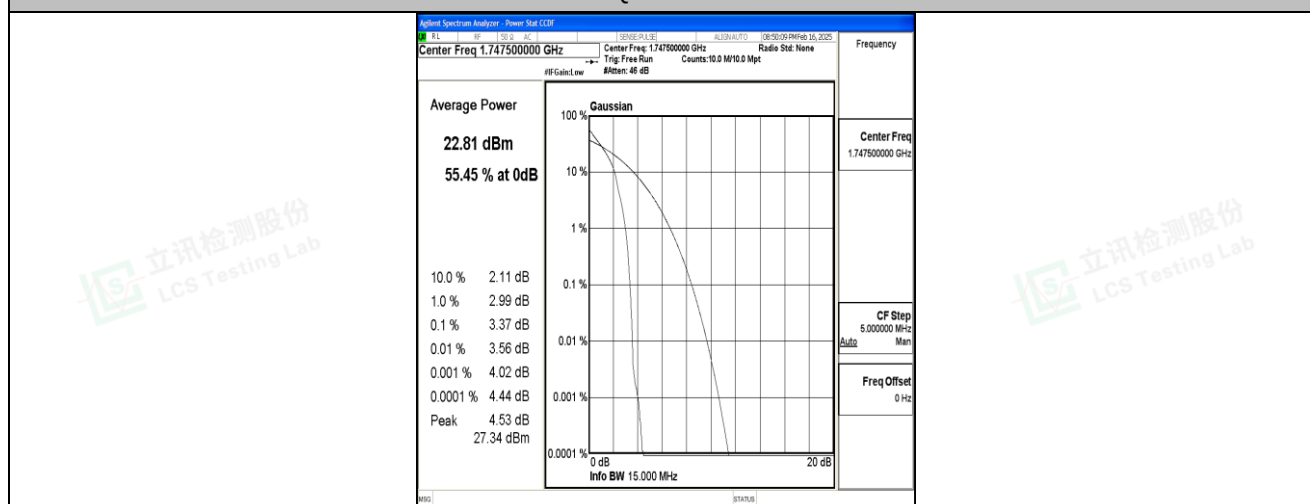
Scan code to check authenticity



## Band4-15MHz-QPSK-20175-75RB#0-PASS



## Band4-15MHz-16QAM-20175-75RB#0-PASS



## Band4-15MHz-QPSK-20325-1RB#0-PASS

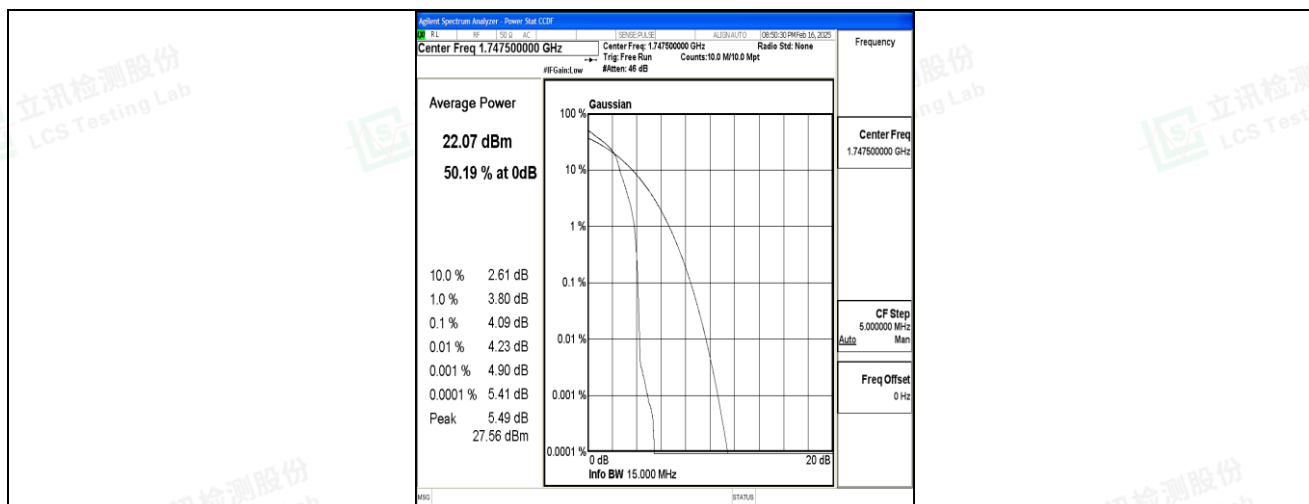


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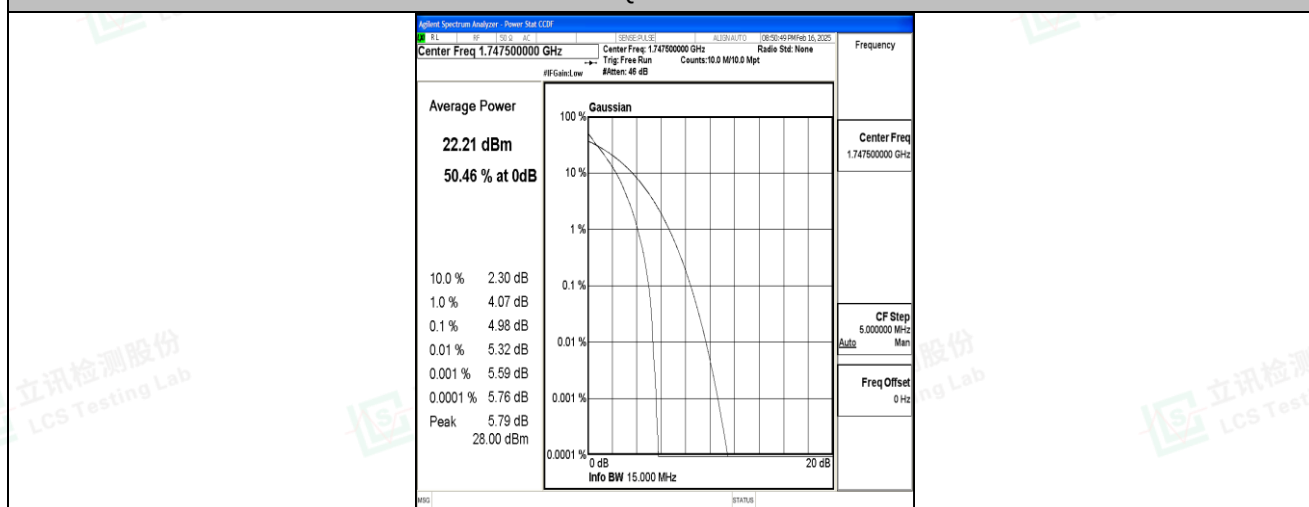
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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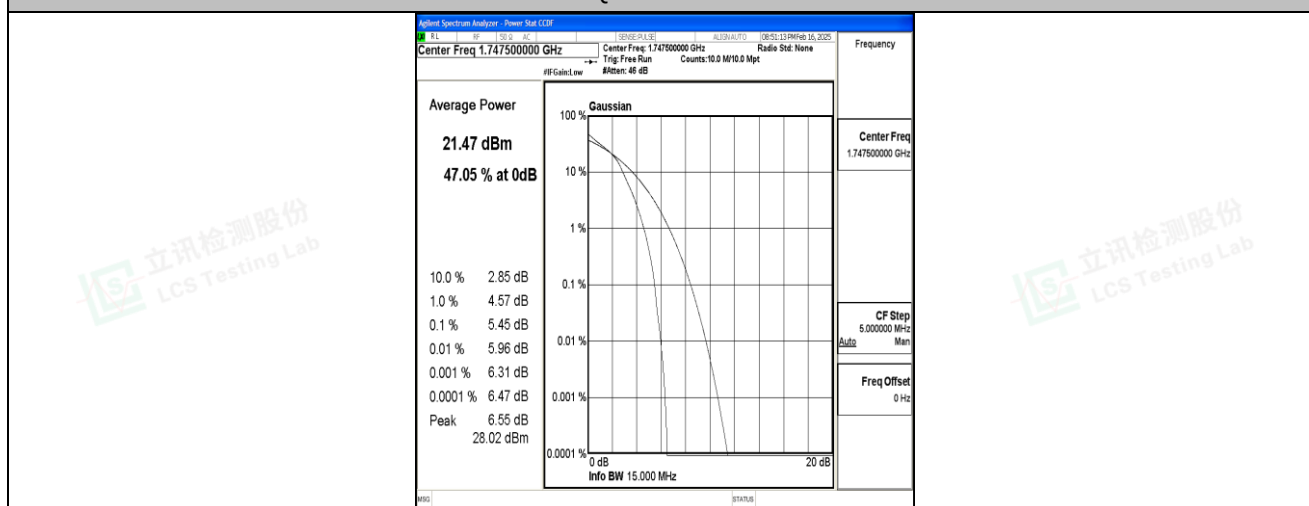
Scan code to check authenticity



## Band4-15MHz-16QAM-20325-1RB#0-PASS



## Band4-15MHz-QPSK-20325-75RB#0-PASS



## Band4-15MHz-16QAM-20325-75RB#0-PASS

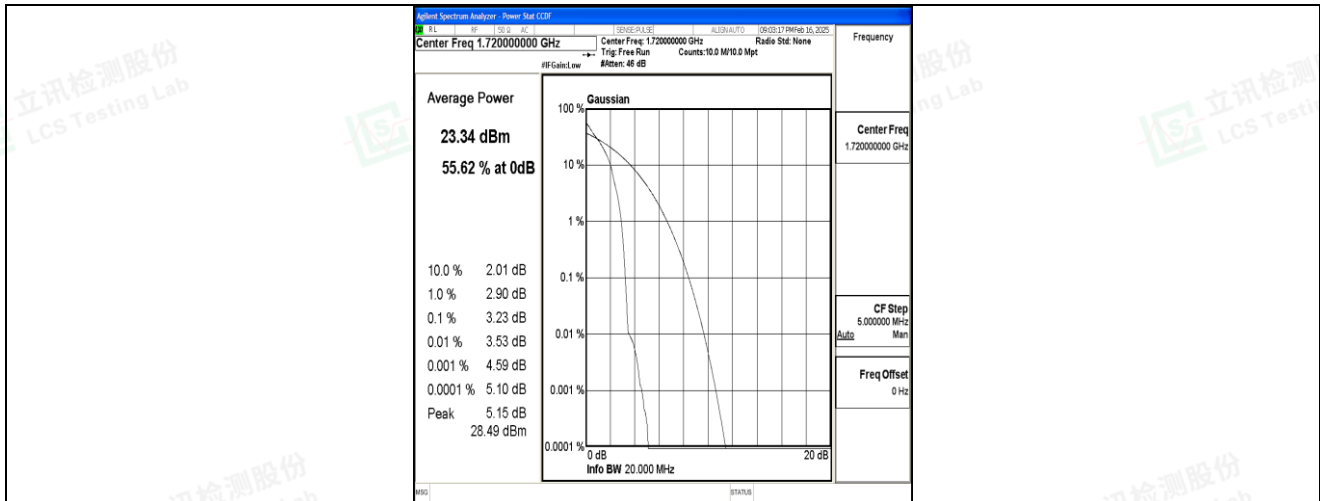


Shenzhen LCS Compliance Testing Laboratory Ltd.

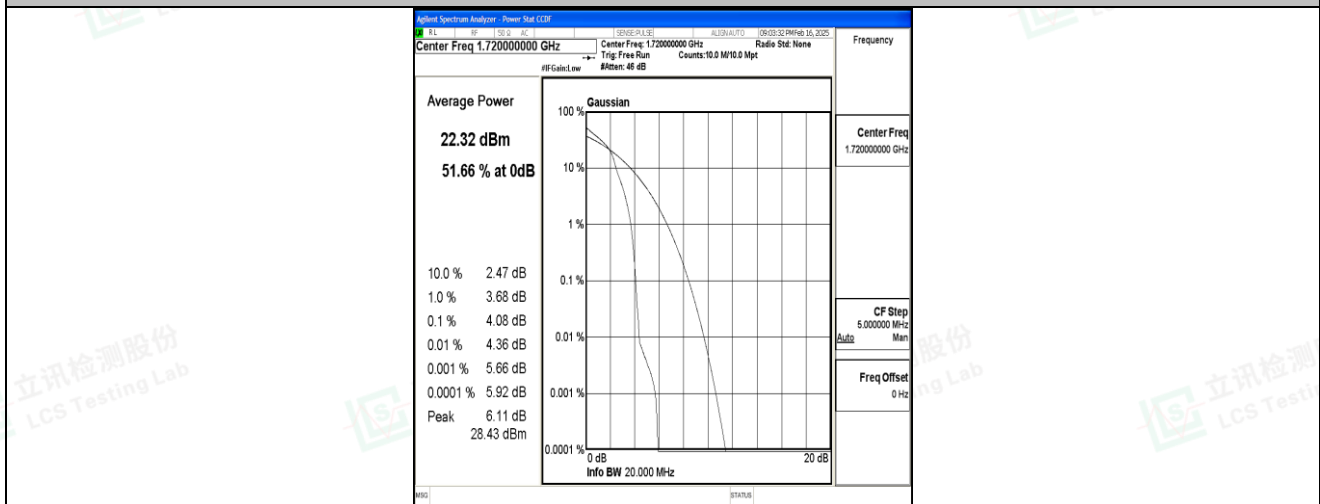
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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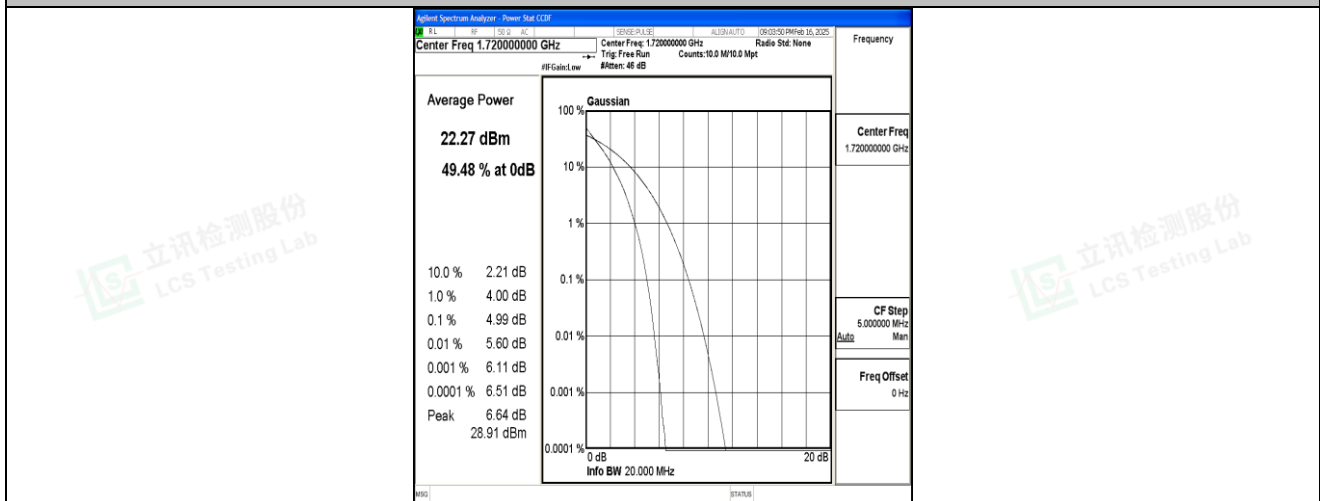
Scan code to check authenticity



## Band4-20MHz-QPSK-20050-1RB#0-PASS



## Band4-20MHz-16QAM-20050-1RB#0-PASS



## Band4-20MHz-QPSK-20050-100RB#0-PASS



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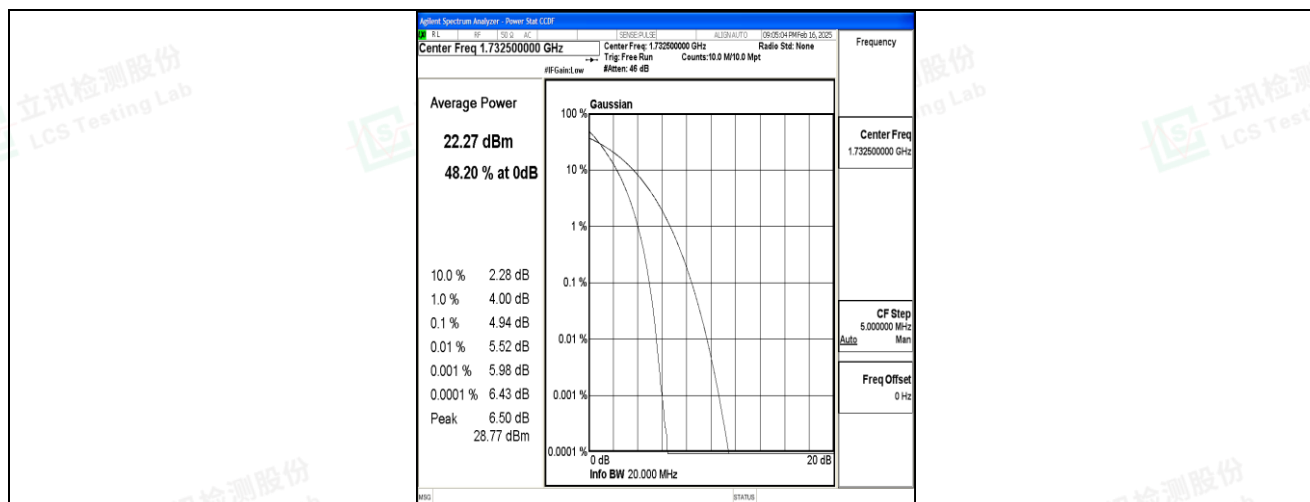


Shenzhen LCS Compliance Testing Laboratory Ltd.

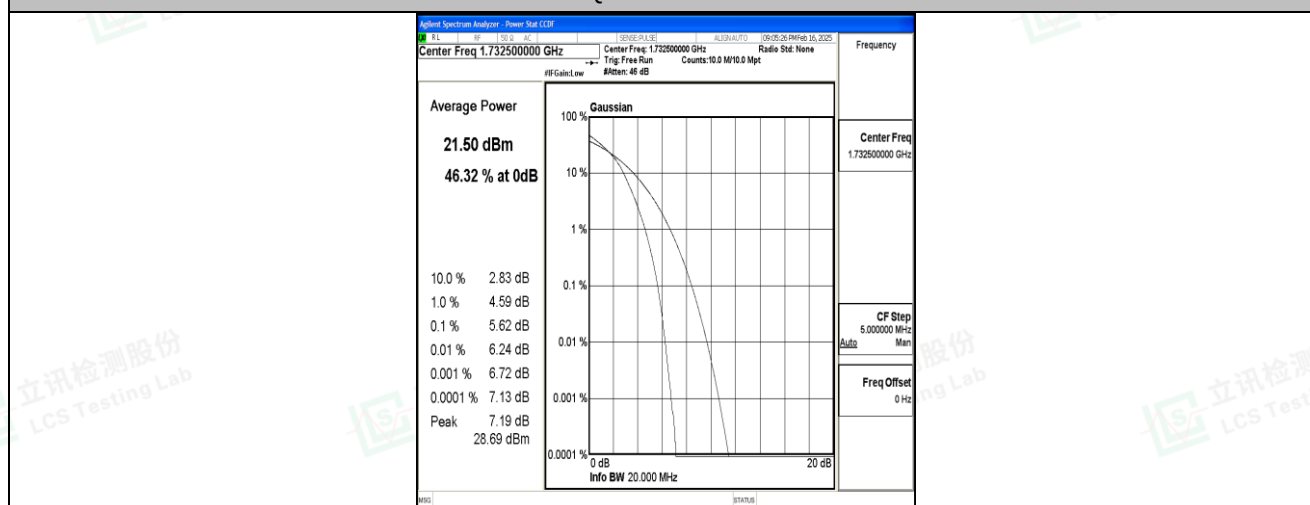
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

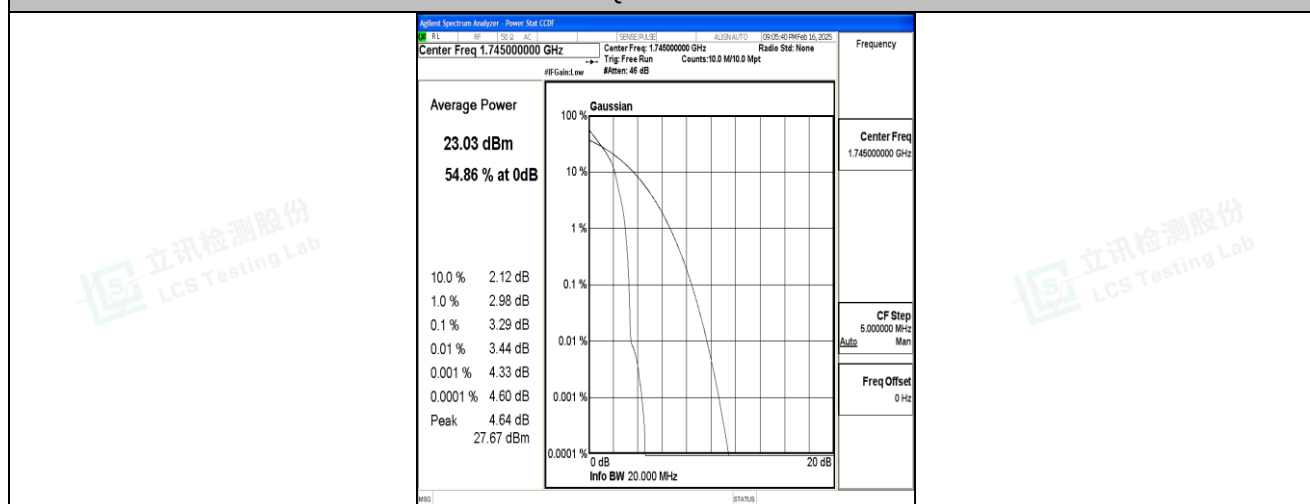
Scan code to check authenticity



## Band4-20MHz-QPSK-20175-100RB#0-PASS



## Band4-20MHz-16QAM-20175-100RB#0-PASS



## Band4-20MHz-QPSK-20300-1RB#0-PASS

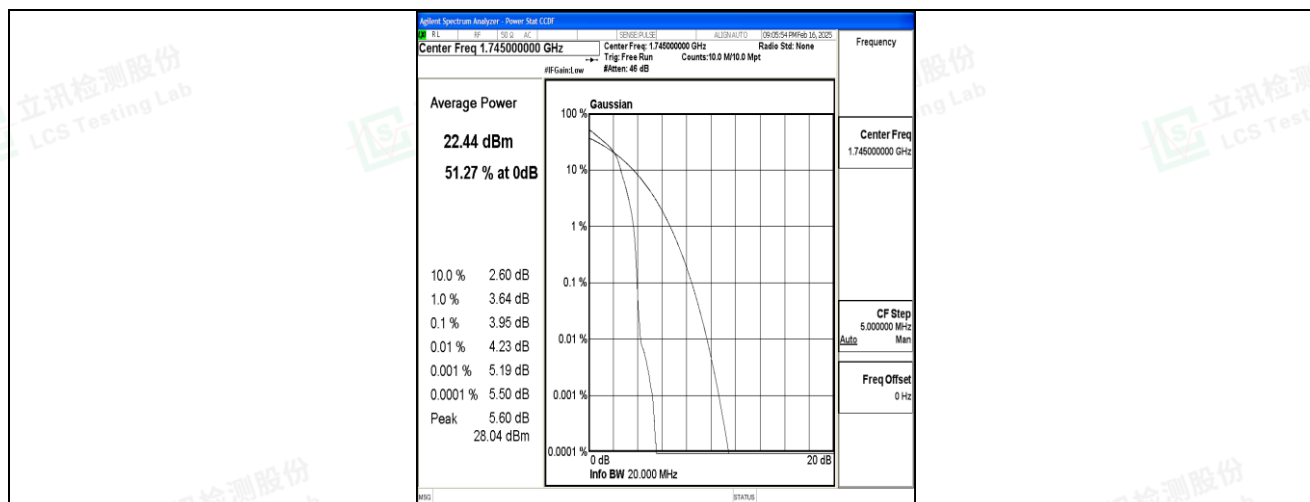


Shenzhen LCS Compliance Testing Laboratory Ltd.

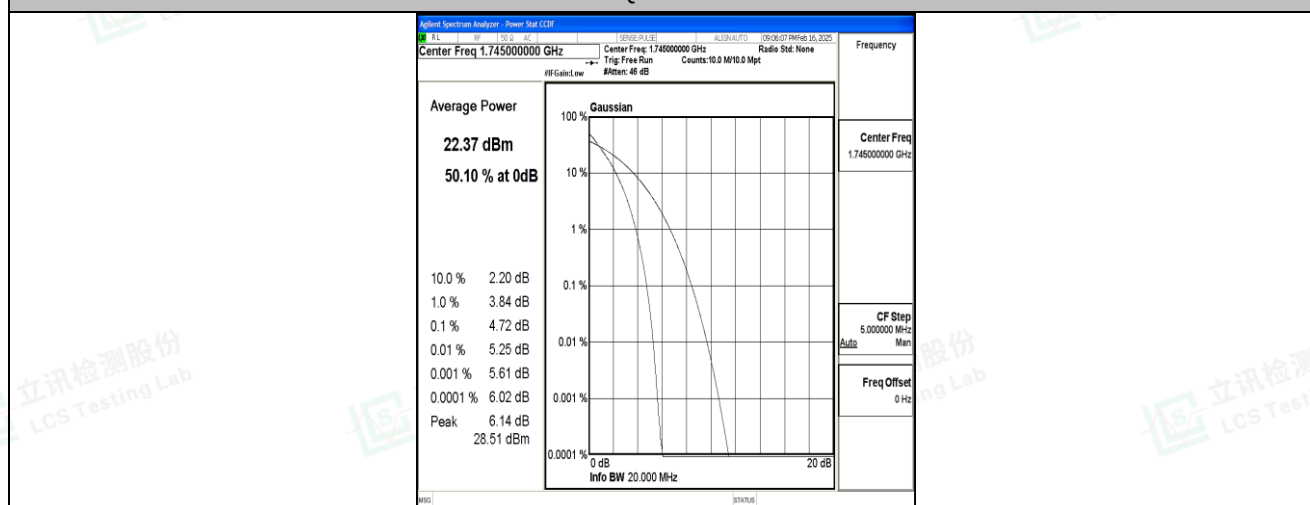
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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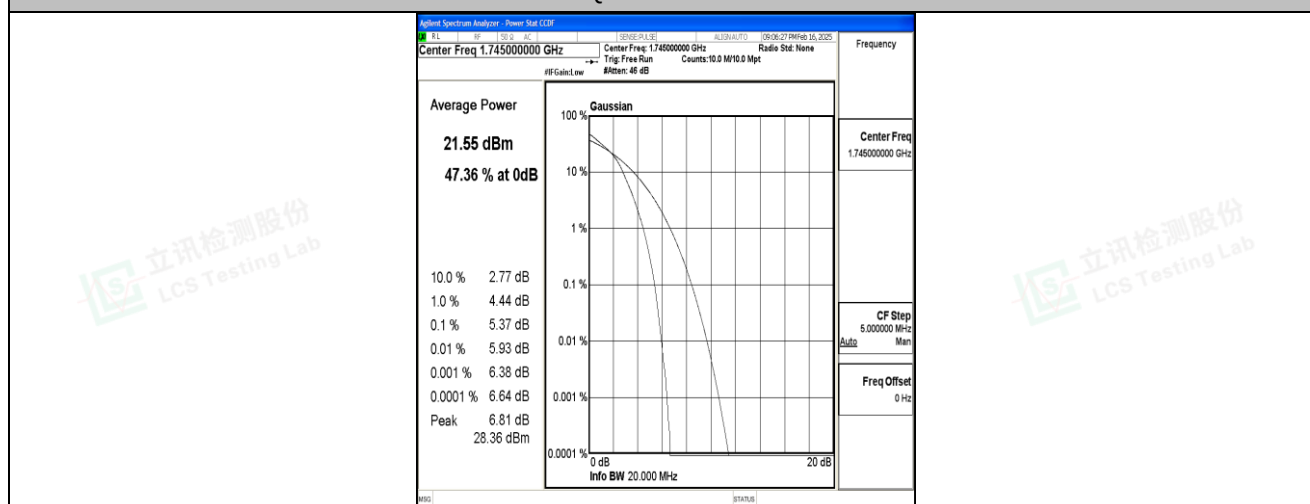
Scan code to check authenticity



## Band4-20MHz-16QAM-20300-1RB#0-PASS



## Band4-20MHz-QPSK-20300-100RB#0-PASS



## Band4-20MHz-16QAM-20300-100RB#0-PASS



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### D.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            | 1.0970                   | 1.490                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 1.1059                   | 1.472                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 1.0975                   | 1.333                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 1.1029                   | 1.376                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 1.0997                   | 1.448                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 1.1054                   | 1.379                | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 2.7675                   | 3.484                | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 2.7527                   | 3.453                | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 2.7675                   | 3.396                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 2.7595                   | 3.331                | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 2.7755                   | 3.428                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 2.7580                   | 3.319                | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 4.5426                   | 5.355                | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 4.5265                   | 5.384                | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 4.5234                   | 5.354                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 4.5199                   | 5.307                | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 4.5255                   | 5.365                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | 4.5262                   | 5.193                | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | 9.0197                   | 10.39                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 50RB#0           | 9.0274                   | 10.31                | PASS    |
| Band4 | 10MHz     | QPSK       | 20175   | 50RB#0           | 9.0052                   | 10.00                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20175   | 50RB#0           | 9.0050                   | 9.966                | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 50RB#0           | 9.0255                   | 10.14                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20350   | 50RB#0           | 9.0108                   | 10.82                | PASS    |
| Band4 | 15MHz     | QPSK       | 20025   | 75RB#0           | 13.539                   | 15.89                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20025   | 75RB#0           | 13.516                   | 15.26                | PASS    |
| Band4 | 15MHz     | QPSK       | 20175   | 75RB#0           | 13.520                   | 15.22                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20175   | 75RB#0           | 13.518                   | 15.13                | PASS    |
| Band4 | 15MHz     | QPSK       | 20325   | 75RB#0           | 13.554                   | 17.28                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20325   | 75RB#0           | 13.484                   | 14.91                | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0          | 18.028                   | 20.21                | PASS    |
| Band4 | 20MHz     | 16QAM      | 20050   | 100RB#0          | 18.071                   | 20.03                | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0          | 18.020                   | 19.98                | PASS    |
| Band4 | 20MHz     | 16QAM      | 20175   | 100RB#0          | 18.022                   | 20.02                | PASS    |



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|       |       |       |       |         |        |       |      |
|-------|-------|-------|-------|---------|--------|-------|------|
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 18.017 | 20.48 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 18.010 | 20.40 | PASS |





## Test Graphs

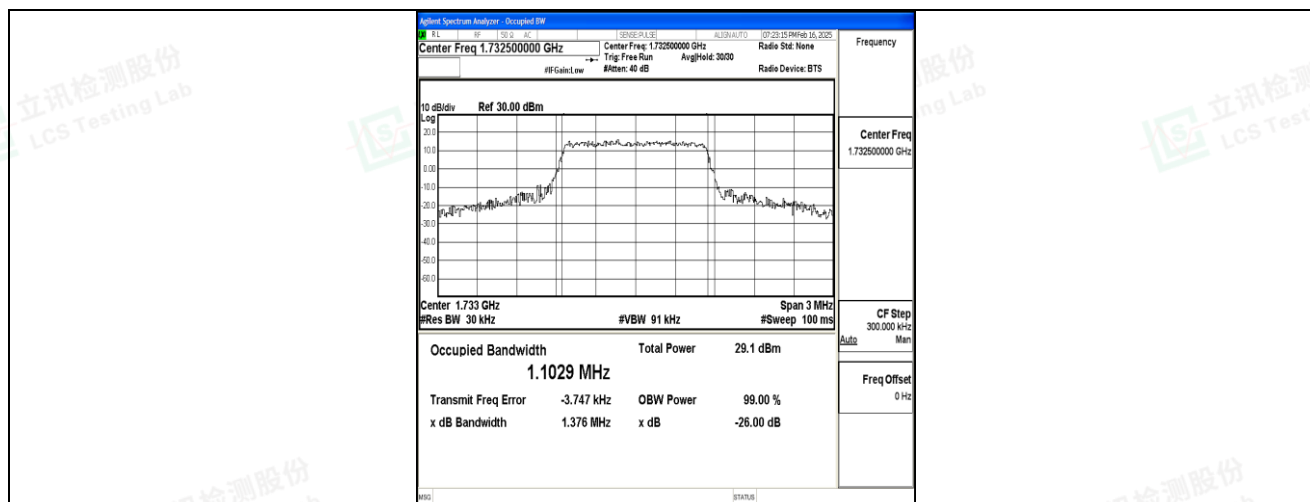


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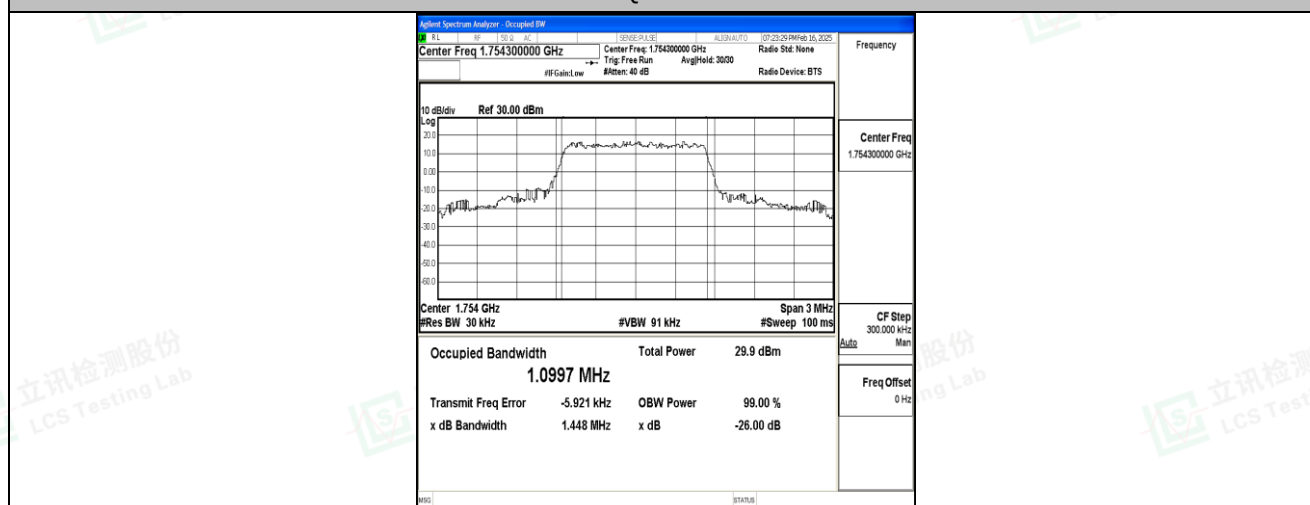
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

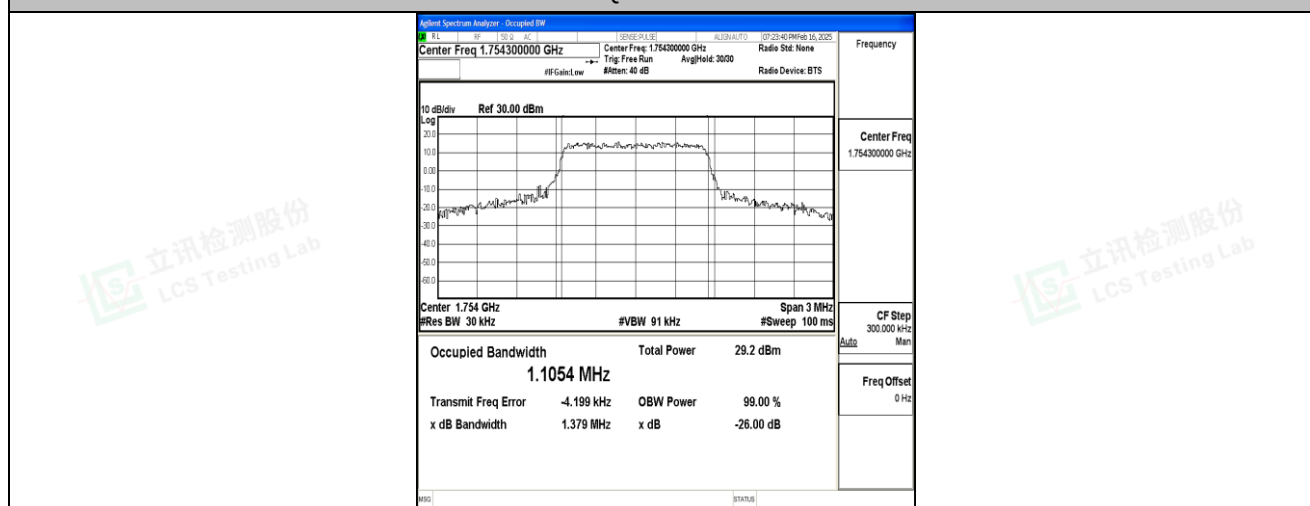
Scan code to check authenticity



## Band4-1.4MHz-16QAM-20175-6RB#0-PASS



## Band4-1.4MHz-QPSK-20393-6RB#0-PASS



## Band4-1.4MHz-16QAM-20393-6RB#0-PASS

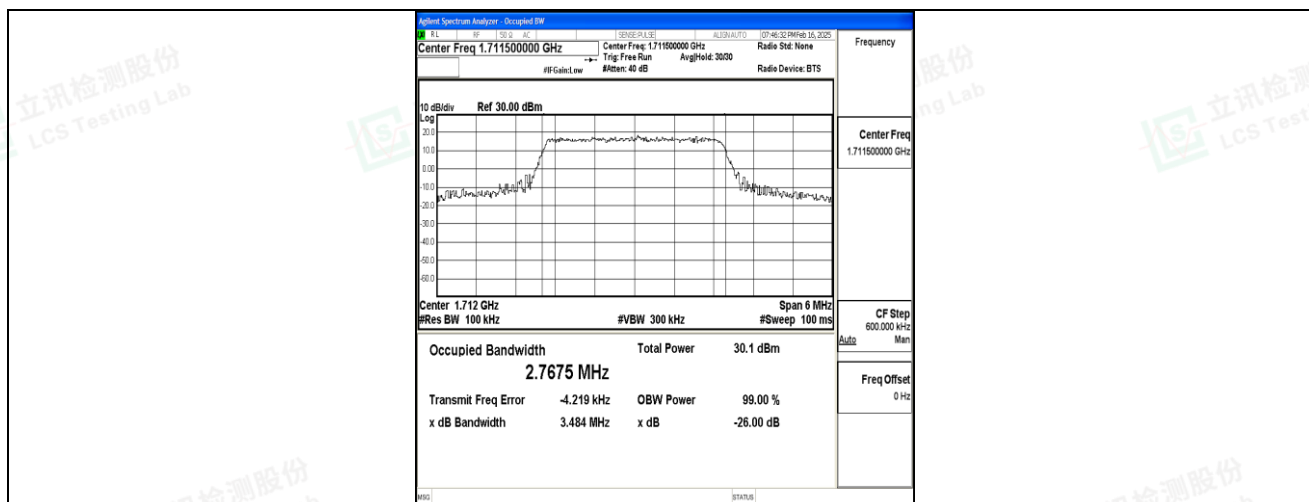


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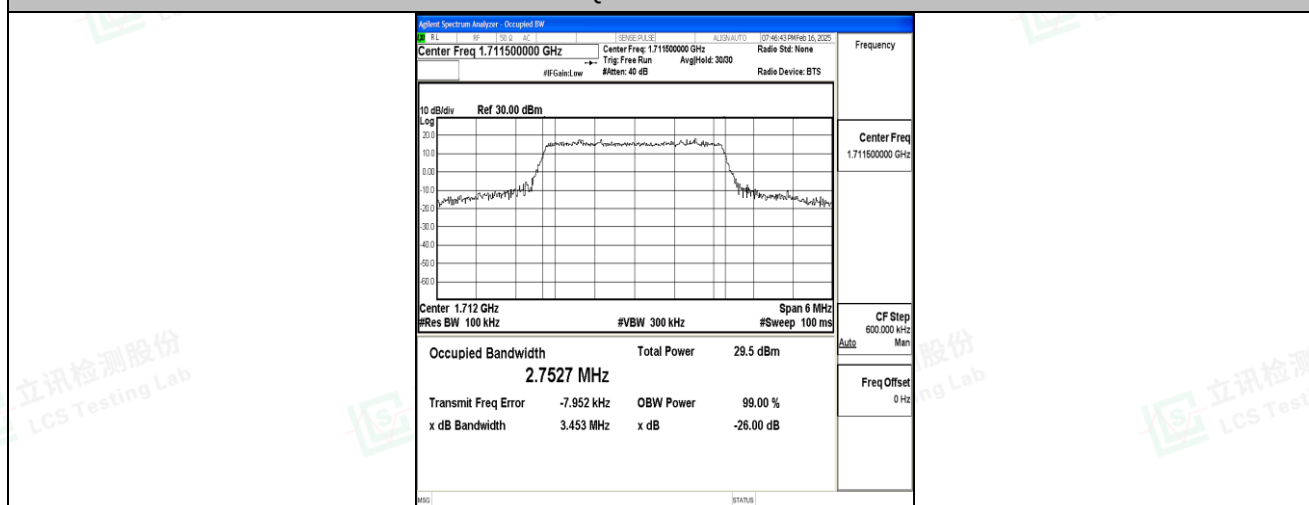
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: + (86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

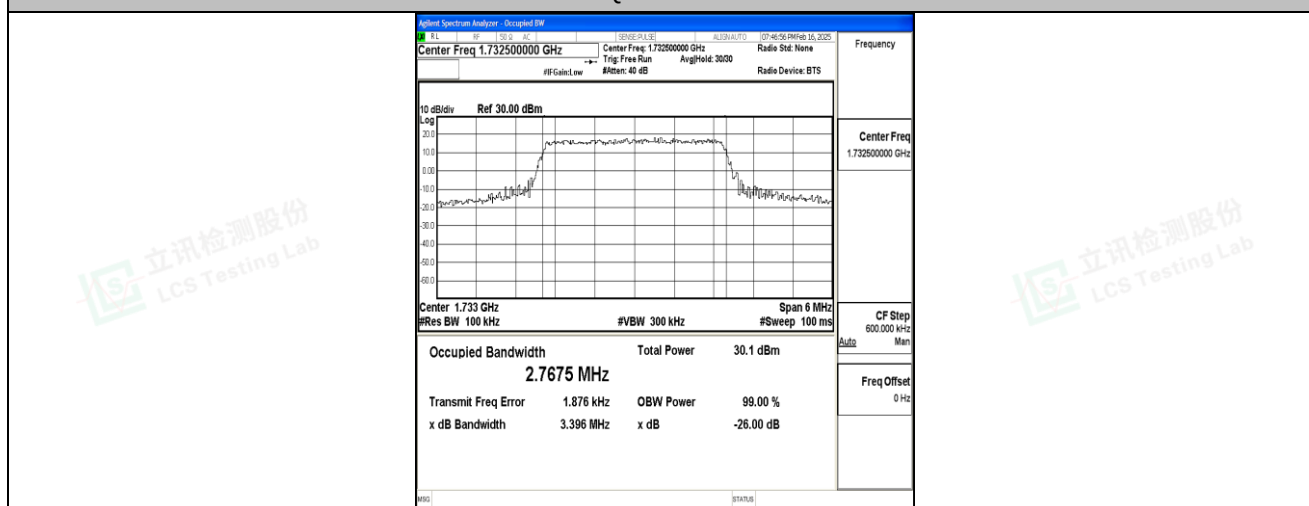
Scan code to check authenticity



## Band4-3MHz-QPSK-19965-15RB#0-PASS



## Band4-3MHz-16QAM-19965-15RB#0-PASS



## Band4-3MHz-QPSK-20175-15RB#0-PASS

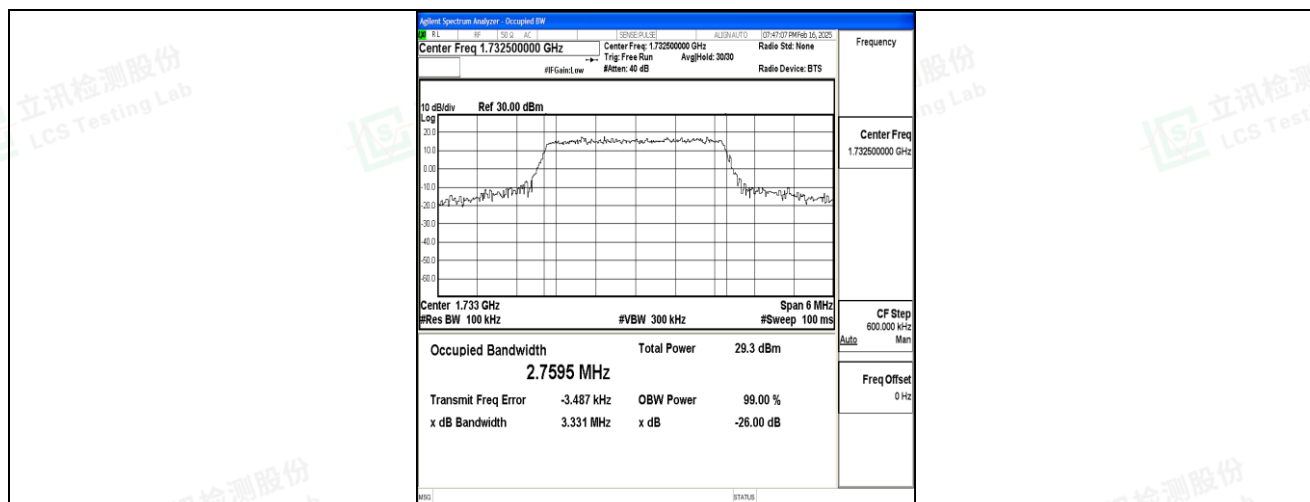


Shenzhen LCS Compliance Testing Laboratory Ltd.

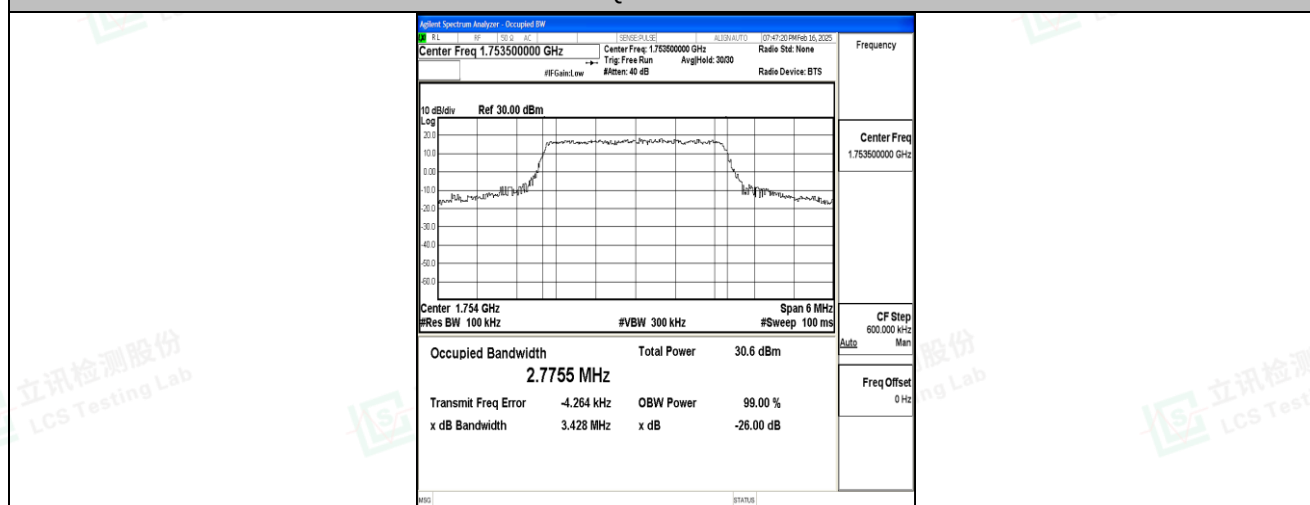
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

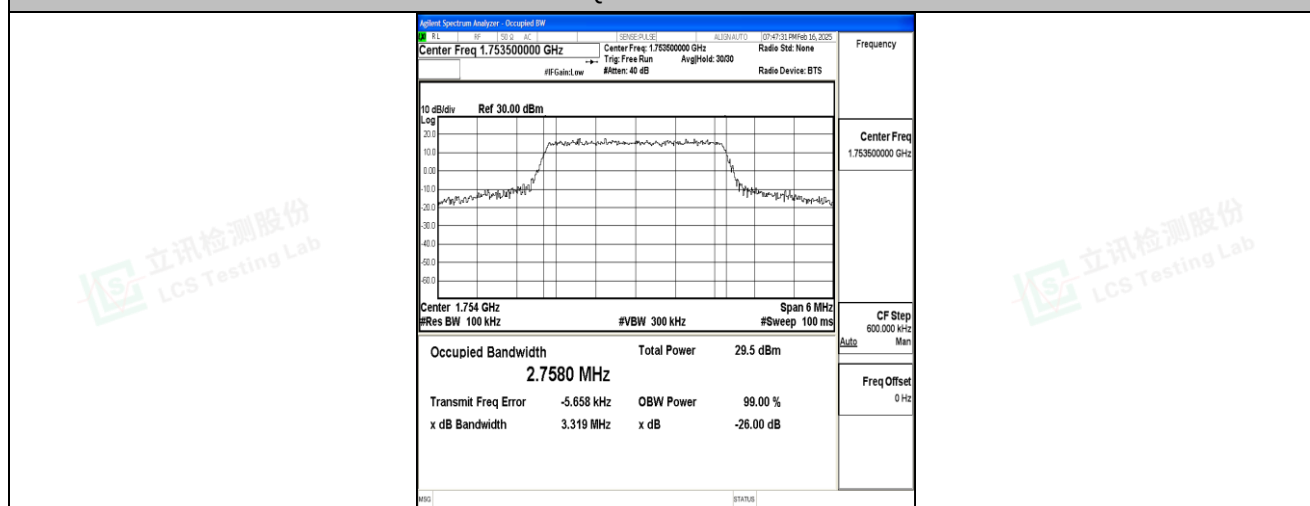
Scan code to check authenticity



## Band4-3MHz-16QAM-20175-15RB#0-PASS



## Band4-3MHz-QPSK-20385-15RB#0-PASS



## Band4-3MHz-16QAM-20385-15RB#0-PASS

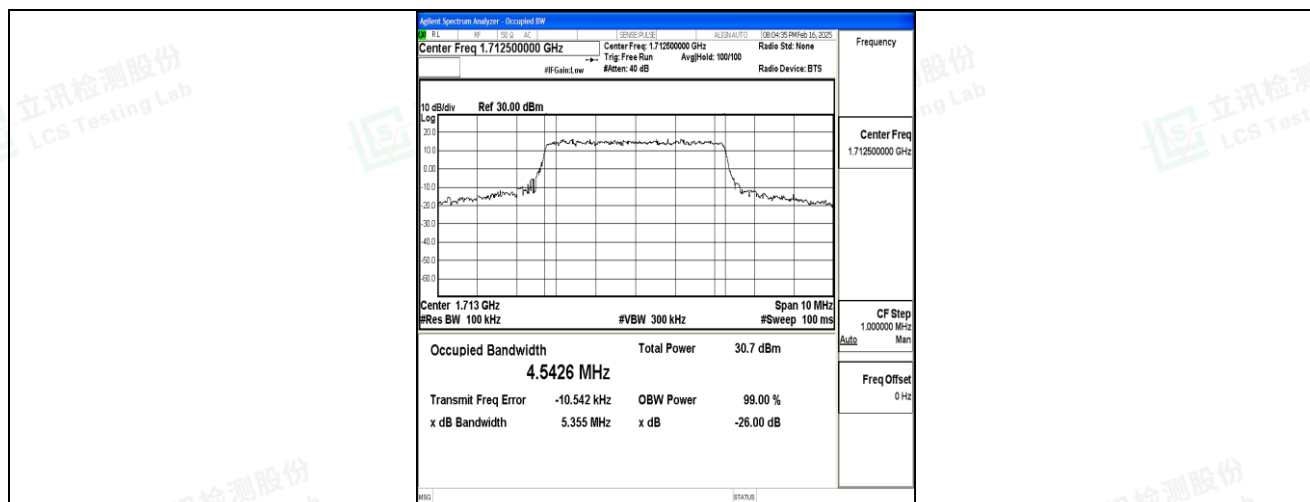


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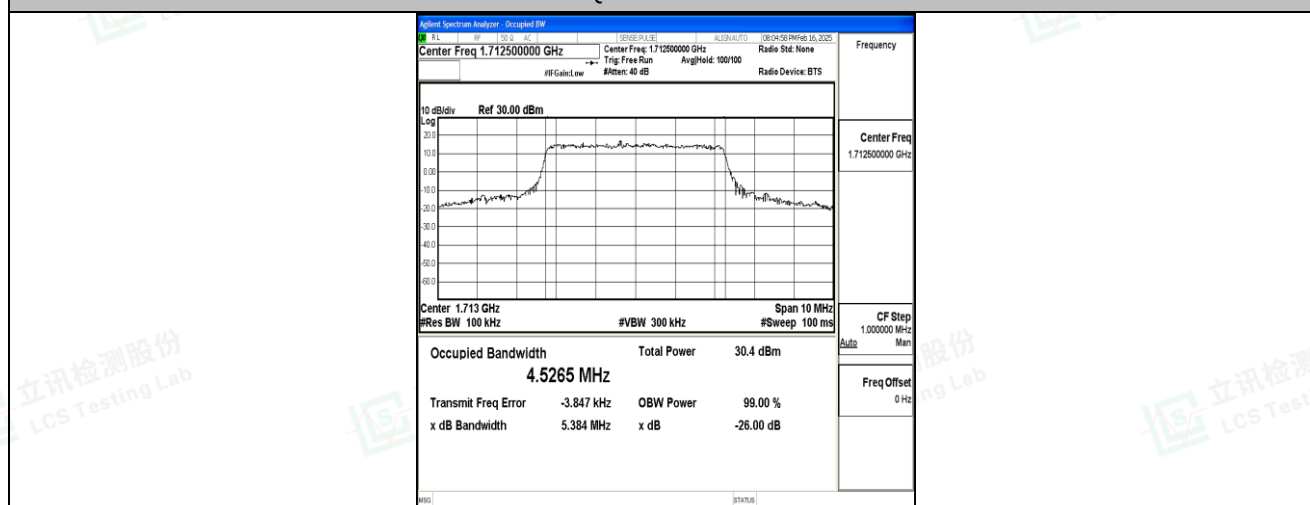
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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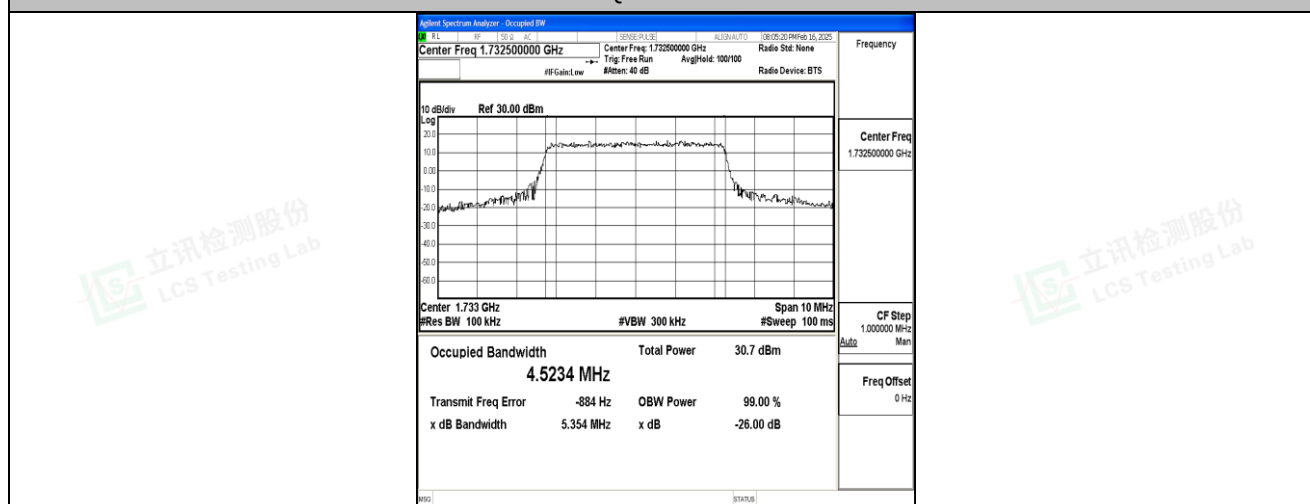
Scan code to check authenticity



## Band4-5MHz-QPSK-19975-25RB#0-PASS



## Band4-5MHz-16QAM-19975-25RB#0-PASS



## Band4-5MHz-QPSK-20175-25RB#0-PASS

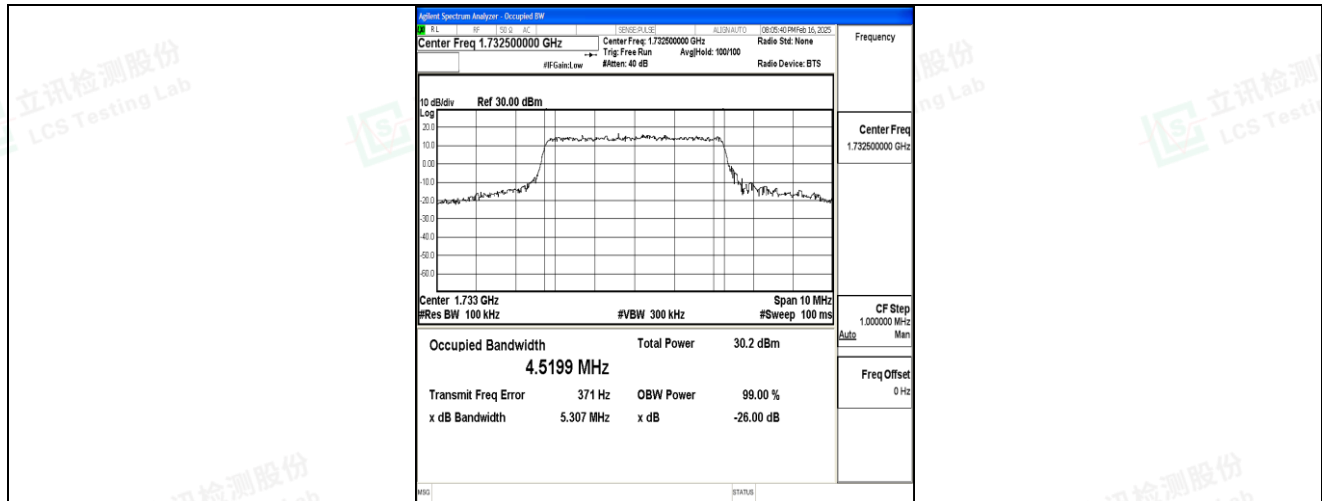


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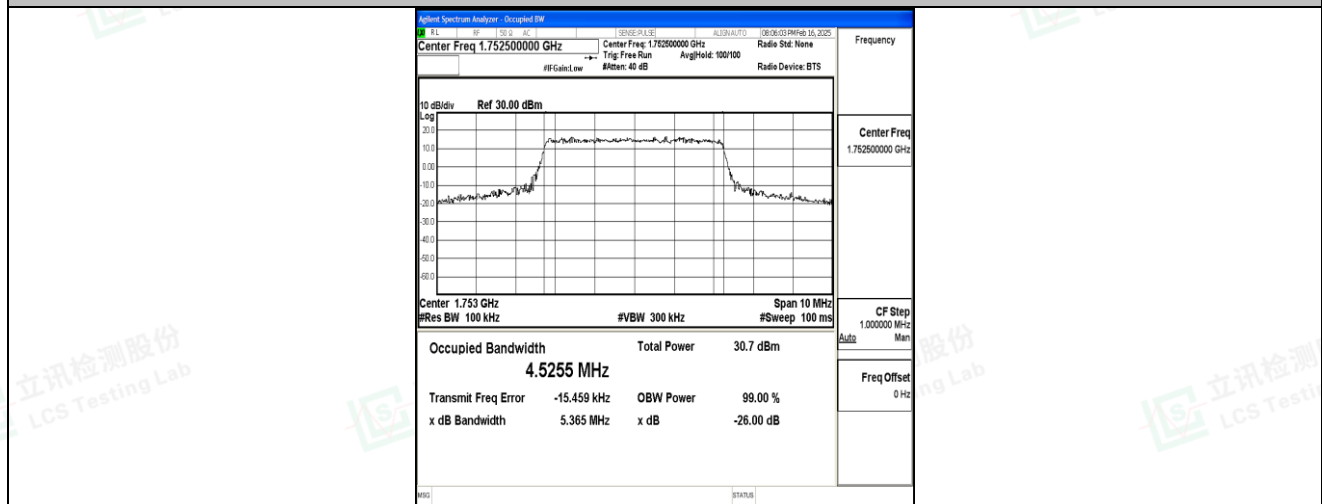
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

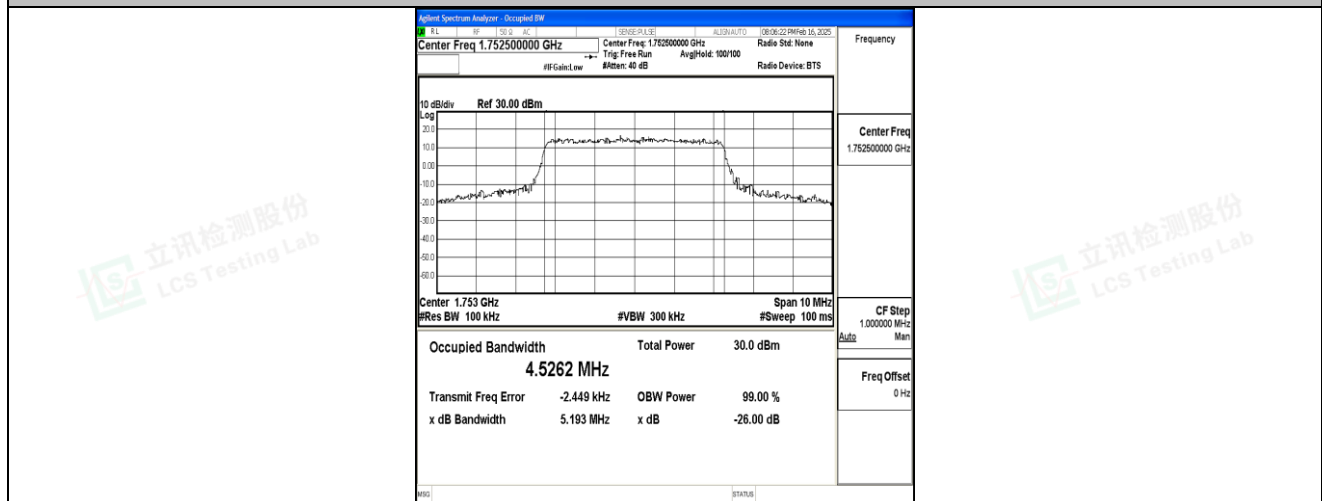
Scan code to check authenticity



## Band4-5MHz-16QAM-20175-25RB#0-PASS



## Band4-5MHz-QPSK-20375-25RB#0-PASS



## Band4-5MHz-16QAM-20375-25RB#0-PASS

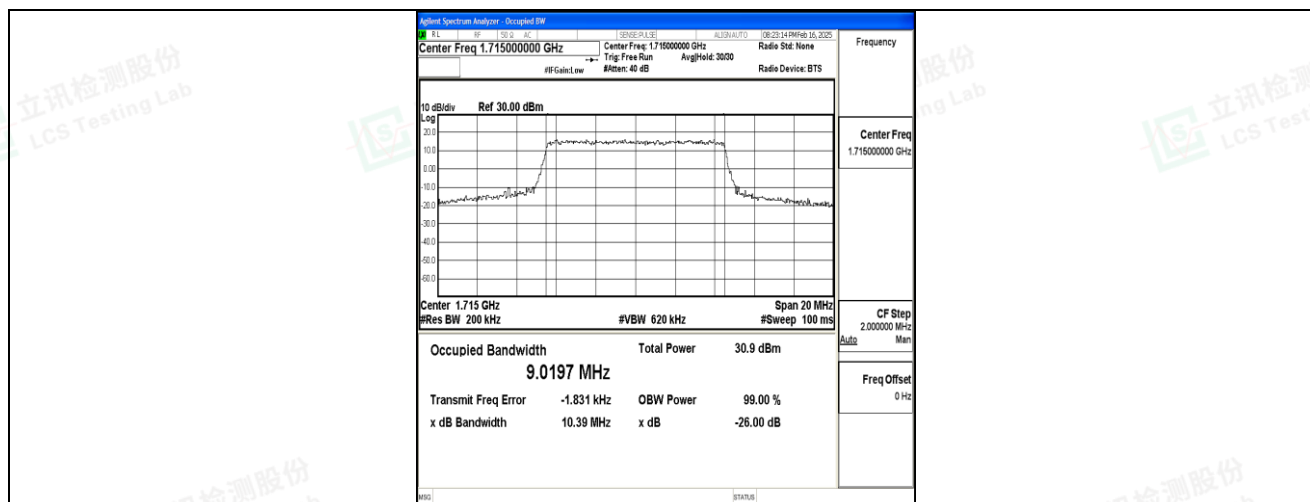


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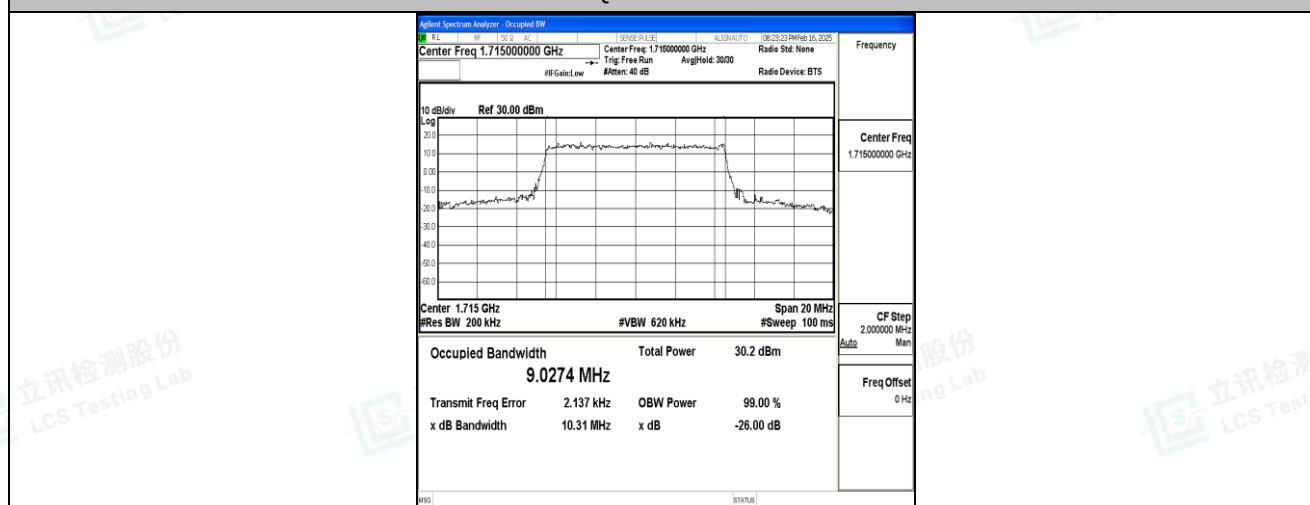
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: + (86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

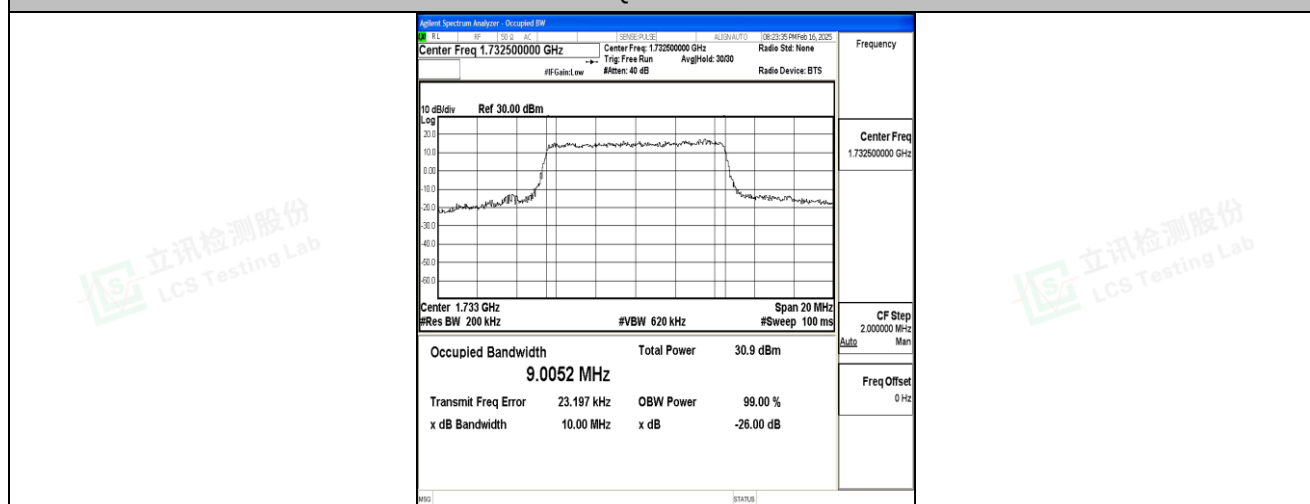
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## Band4-10MHz-QPSK-20000-50RB#0-PASS



## Band4-10MHz-16QAM-20000-50RB#0-PASS



## Band4-10MHz-QPSK-20175-50RB#0-PASS

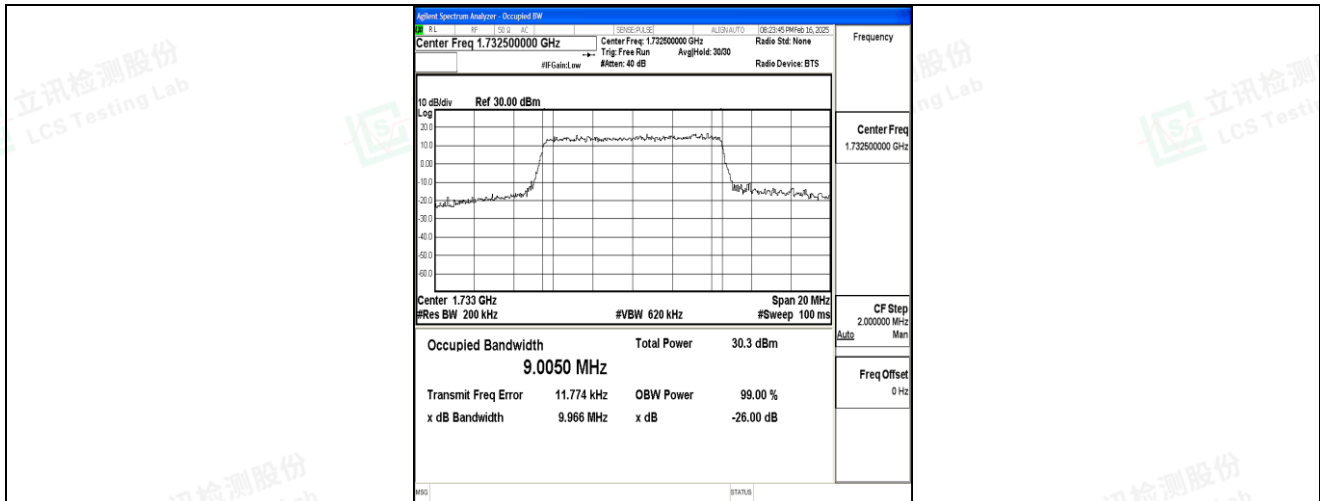


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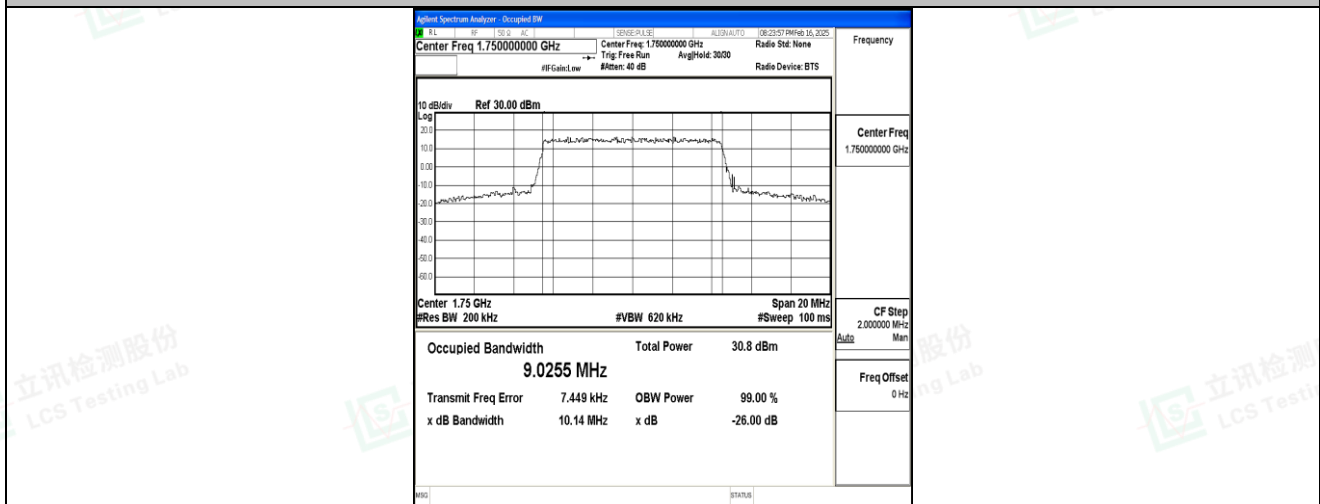
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

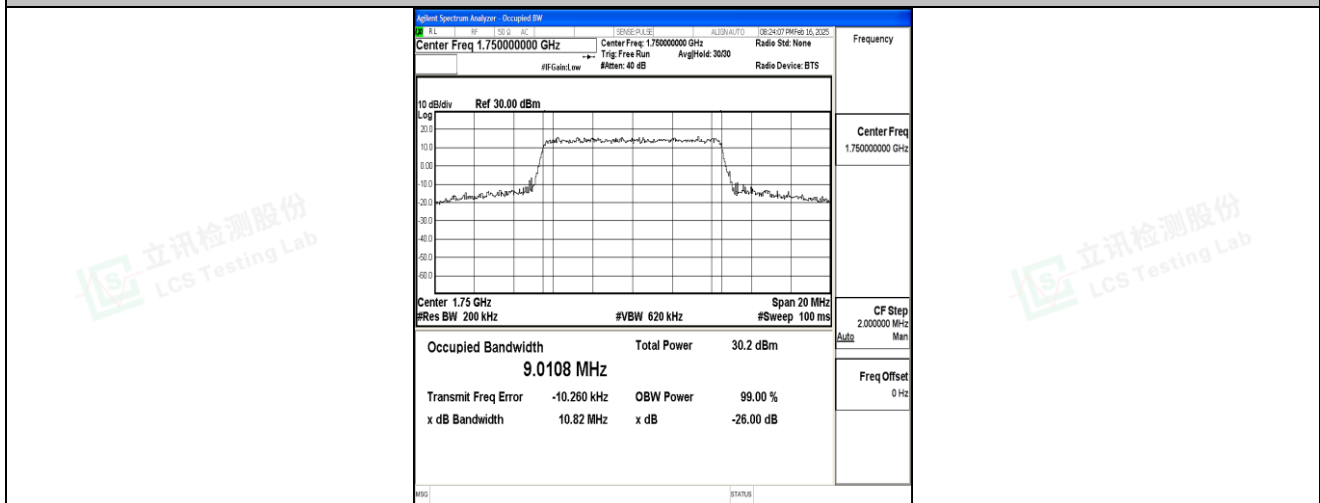
Scan code to check authenticity



## Band4-10MHz-16QAM-20175-50RB#0-PASS



## Band4-10MHz-QPSK-20350-50RB#0-PASS



## Band4-10MHz-16QAM-20350-50RB#0-PASS

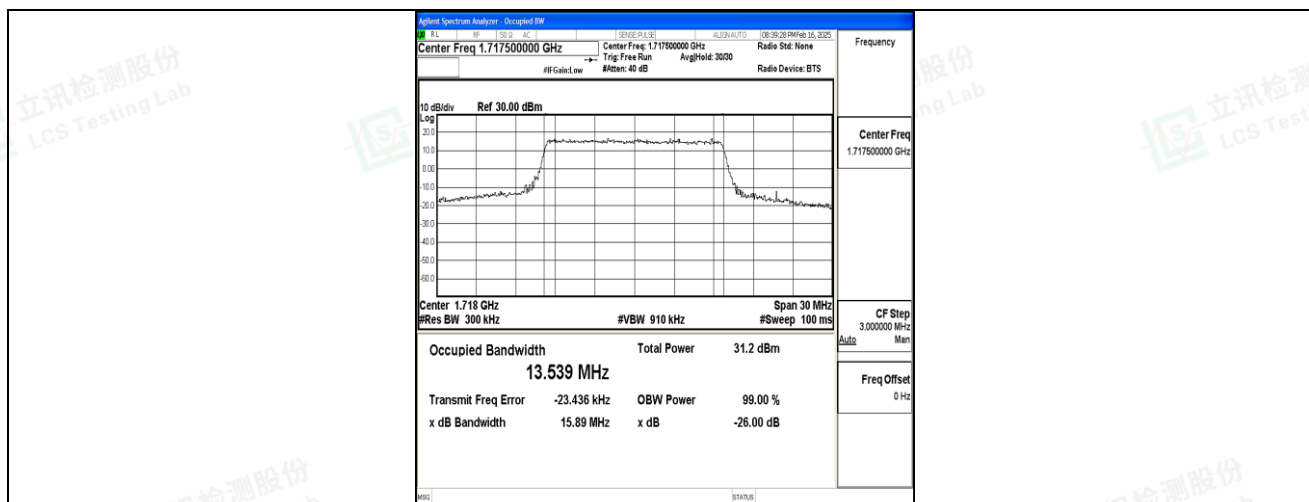


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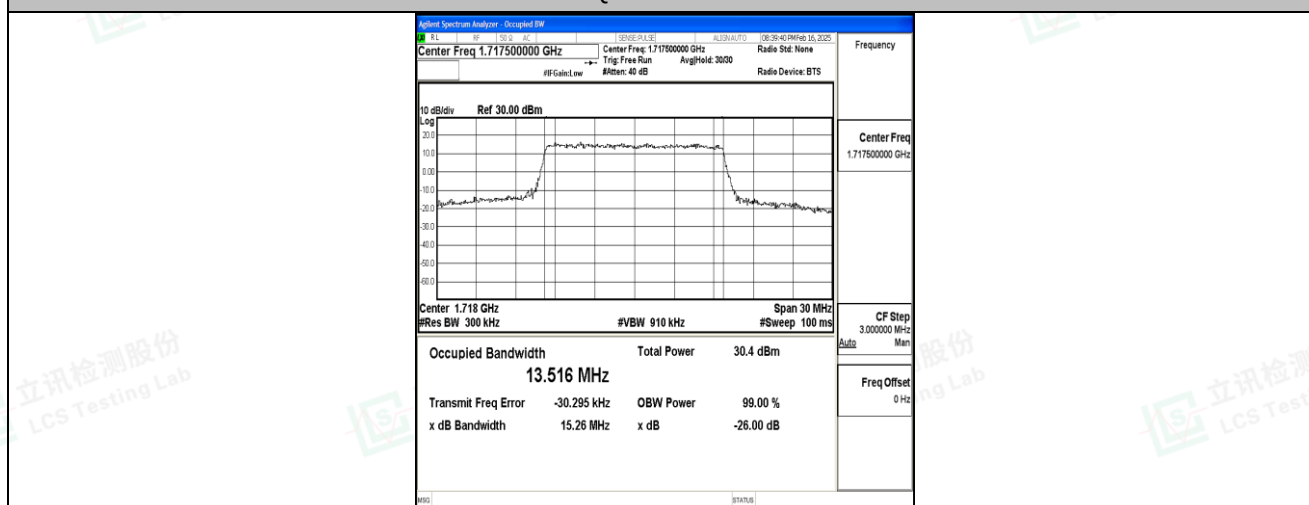
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

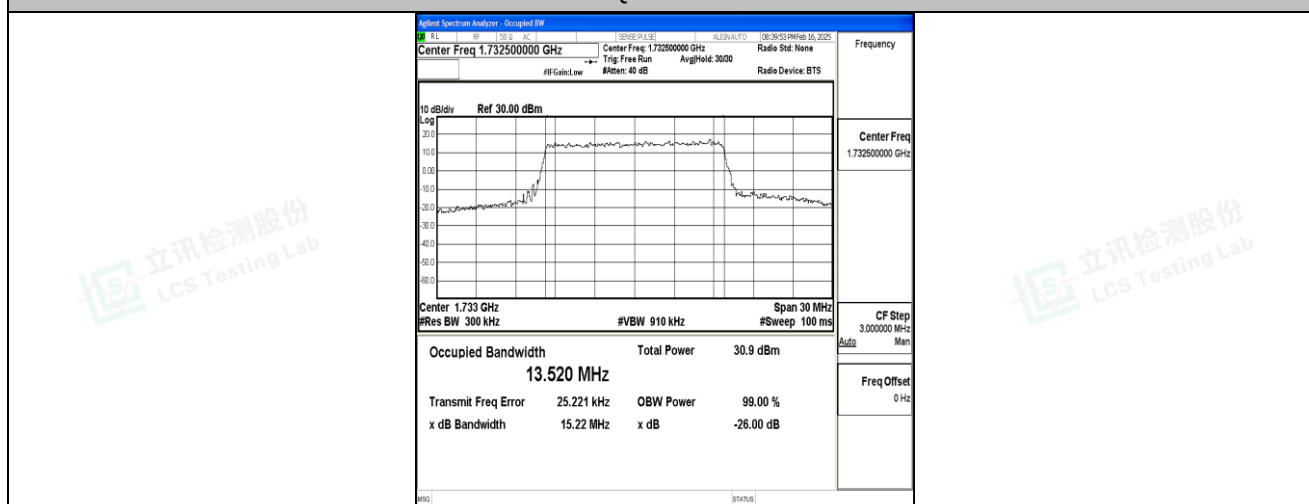
Scan code to check authenticity



## Band4-15MHz-QPSK-20025-75RB#0-PASS



## Band4-15MHz-16QAM-20025-75RB#0-PASS



## Band4-15MHz-QPSK-20175-75RB#0-PASS



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