



## Appendix D: Test Data for E-UTRA Band 2

**Product Name:** Smart phone

**Test Model:** Smooth 6.0

### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 23.8° C   |
| Relative Humidity: | 52.2%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Ling Zhu  |
| Supervised by:     | Li Huan   |



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Scan code to check authenticity



## D.1 Effective (Isotropic) Radiated Power Output Data

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | 21.32       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#2            | 21.42       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#5            | 21.29       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#0            | 21.41       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#1            | 21.43       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#3            | 21.41       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 20.90       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | 21.60       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#2            | 21.51       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#5            | 21.54       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#0            | 21.39       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#1            | 21.40       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#3            | 21.41       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 20.93       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | 21.41       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#2            | 21.42       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#5            | 21.40       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#0            | 21.47       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#1            | 21.54       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#3            | 21.46       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 21.01       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | 21.97       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#2            | 21.94       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#5            | 21.52       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#0            | 20.47       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#1            | 20.47       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#3            | 20.46       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 20.64       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | 22.00       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#2            | 22.09       | PASS    |



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Scan code to check authenticity



|       |        |       |       |        |       |      |
|-------|--------|-------|-------|--------|-------|------|
| Band2 | 1.4MHz | 16QAM | 18900 | 1RB#5  | 21.99 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 3RB#0  | 20.76 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 3RB#1  | 20.72 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 3RB#3  | 20.87 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 6RB#0  | 20.16 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#0  | 21.02 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#2  | 20.52 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#5  | 20.67 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#0  | 21.01 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#1  | 20.82 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#3  | 20.81 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0  | 20.04 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#0  | 21.43 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#8  | 21.51 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#14 | 21.40 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#0  | 21.02 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#4  | 21.03 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#7  | 20.99 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 15RB#0 | 21.03 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#0  | 21.36 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#8  | 21.40 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#14 | 21.40 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 8RB#0  | 21.02 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 8RB#4  | 21.03 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 8RB#7  | 21.09 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 15RB#0 | 20.95 | PASS |
| Band2 | 3MHz   | QPSK  | 19185 | 1RB#0  | 21.37 | PASS |
| Band2 | 3MHz   | QPSK  | 19185 | 1RB#8  | 21.42 | PASS |
| Band2 | 3MHz   | QPSK  | 19185 | 1RB#14 | 21.38 | PASS |
| Band2 | 3MHz   | QPSK  | 19185 | 8RB#0  | 21.00 | PASS |
| Band2 | 3MHz   | QPSK  | 19185 | 8RB#4  | 21.01 | PASS |
| Band2 | 3MHz   | QPSK  | 19185 | 8RB#7  | 21.00 | PASS |
| Band2 | 3MHz   | QPSK  | 19185 | 15RB#0 | 20.90 | PASS |
| Band2 | 3MHz   | 16QAM | 18615 | 1RB#0  | 20.33 | PASS |
| Band2 | 3MHz   | 16QAM | 18615 | 1RB#8  | 20.27 | PASS |





|       |      |       |       |         |       |      |
|-------|------|-------|-------|---------|-------|------|
| Band2 | 3MHz | 16QAM | 18615 | 1RB#14  | 20.82 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 8RB#0   | 20.54 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 8RB#4   | 20.60 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 8RB#7   | 20.20 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 15RB#0  | 20.34 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 1RB#0   | 20.91 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 1RB#8   | 21.06 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 1RB#14  | 20.96 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#0   | 20.13 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#4   | 20.14 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#7   | 20.22 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 15RB#0  | 20.02 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#0   | 20.90 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#8   | 20.84 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#14  | 20.25 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#0   | 20.25 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#4   | 20.26 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#7   | 20.26 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 15RB#0  | 19.97 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#0   | 21.48 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#12  | 21.42 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#24  | 21.54 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#0  | 21.09 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#6  | 21.10 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#13 | 20.92 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 25RB#0  | 20.84 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#0   | 21.45 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#12  | 21.55 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#24  | 21.46 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 12RB#0  | 21.04 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 12RB#6  | 21.03 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 12RB#13 | 21.13 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 25RB#0  | 21.00 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 1RB#0   | 21.49 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 1RB#12  | 21.47 | PASS |





|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band2 | 5MHz  | QPSK  | 19175 | 1RB#24  | 21.44 | PASS |
| Band2 | 5MHz  | QPSK  | 19175 | 12RB#0  | 21.05 | PASS |
| Band2 | 5MHz  | QPSK  | 19175 | 12RB#6  | 20.99 | PASS |
| Band2 | 5MHz  | QPSK  | 19175 | 12RB#13 | 20.95 | PASS |
| Band2 | 5MHz  | QPSK  | 19175 | 25RB#0  | 21.05 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 1RB#0   | 20.80 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 1RB#12  | 21.09 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 1RB#24  | 21.22 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 12RB#0  | 20.57 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 12RB#6  | 20.58 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 12RB#13 | 20.17 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 25RB#0  | 20.14 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#0   | 20.25 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#12  | 20.39 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#24  | 20.51 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#0  | 19.99 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#6  | 19.99 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#13 | 20.07 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 25RB#0  | 20.07 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#0   | 20.82 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#12  | 20.74 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#24  | 20.85 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#0  | 20.09 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#6  | 20.14 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#13 | 20.04 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 25RB#0  | 20.08 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#0   | 21.34 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#24  | 21.37 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#49  | 21.47 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#0  | 20.98 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#12 | 20.98 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#25 | 20.94 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 50RB#0  | 21.06 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#0   | 21.40 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#24  | 21.42 | PASS |





|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band2 | 10MHz | QPSK  | 18900 | 1RB#49  | 21.41 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#0  | 20.86 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#12 | 20.99 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#25 | 21.04 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 50RB#0  | 21.04 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#0   | 21.41 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#24  | 21.39 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#49  | 21.48 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#0  | 21.04 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#12 | 21.01 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#25 | 20.93 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 50RB#0  | 21.02 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#0   | 20.37 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#24  | 20.30 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#49  | 20.25 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#0  | 20.17 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#12 | 20.14 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#25 | 20.19 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 50RB#0  | 20.02 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#0   | 20.78 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#24  | 21.05 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#49  | 21.00 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#0  | 20.03 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#12 | 20.03 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#25 | 20.06 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 50RB#0  | 20.10 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#0   | 20.26 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#24  | 20.34 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#49  | 20.33 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#0  | 20.15 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#12 | 20.18 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#25 | 20.20 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 50RB#0  | 20.06 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#0   | 21.60 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#38  | 21.61 | PASS |





|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band2 | 15MHz | QPSK  | 18675 | 1RB#74  | 21.58 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#0  | 21.02 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#18 | 21.18 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#37 | 20.99 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 75RB#0  | 21.09 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#0   | 21.42 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#38  | 21.46 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#74  | 21.44 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#0  | 20.60 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#18 | 20.73 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#37 | 20.71 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 75RB#0  | 21.05 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#0   | 21.52 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#38  | 21.53 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#74  | 21.54 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#0  | 21.01 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#18 | 21.02 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#37 | 21.00 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 75RB#0  | 20.96 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#0   | 21.04 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#38  | 21.17 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#74  | 21.00 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#0  | 21.02 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#18 | 21.18 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#37 | 20.99 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 75RB#0  | 20.15 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#0   | 20.68 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#38  | 20.72 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#74  | 20.62 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#0  | 20.55 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#18 | 20.70 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#37 | 20.67 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0  | 20.05 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#0   | 21.03 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#38  | 21.03 | PASS |





|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band2 | 15MHz | 16QAM | 19125 | 1RB#74  | 20.99 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#0  | 21.00 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#18 | 21.02 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#37 | 21.05 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 75RB#0  | 20.08 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#0   | 21.45 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#49  | 21.47 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#99  | 21.55 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#0  | 20.98 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#25 | 20.99 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#50 | 21.10 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 100RB#0 | 21.09 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#0   | 21.43 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#49  | 21.47 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#99  | 21.52 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#0  | 20.94 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#25 | 21.04 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#50 | 20.97 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 100RB#0 | 21.10 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#0   | 21.58 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#49  | 21.55 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#99  | 21.63 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 50RB#0  | 21.04 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 50RB#25 | 20.86 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 50RB#50 | 20.94 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | 20.98 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#0   | 21.45 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#49  | 21.46 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#99  | 21.49 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 50RB#0  | 20.20 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 50RB#25 | 20.20 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 50RB#50 | 20.16 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | 20.12 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#0   | 21.13 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#49  | 21.16 | PASS |





|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band2 | 20MHz | 16QAM | 18900 | 1RB#99  | 21.13 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 50RB#0  | 20.23 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 50RB#25 | 20.23 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 50RB#50 | 20.13 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | 20.14 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#0   | 21.55 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#49  | 21.51 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#99  | 21.56 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 50RB#0  | 19.97 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 50RB#25 | 19.97 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 50RB#50 | 20.15 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | 20.18 | PASS |





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

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 5.33       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 5.24       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 5.00       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 5.93       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 6RB#0            | 5.99       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 6RB#0            | 5.69       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 15RB#0           | 5.32       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 15RB#0           | 5.37       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 15RB#0           | 5.06       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 15RB#0           | 6.08       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 15RB#0           | 6.04       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 15RB#0           | 5.80       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18625   | 25RB#0           | 5.34       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18900   | 25RB#0           | 5.31       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 19175   | 25RB#0           | 5.12       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 18625   | 25RB#0           | 6.03       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 18900   | 25RB#0           | 6.00       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 19175   | 25RB#0           | 5.81       | 13        | PASS    |
| Band2 | 10MHz     | QPSK       | 18650   | 50RB#0           | 5.39       | 13        | PASS    |
| Band2 | 10MHz     | QPSK       | 18900   | 50RB#0           | 5.30       | 13        | PASS    |
| Band2 | 10MHz     | QPSK       | 19150   | 50RB#0           | 5.14       | 13        | PASS    |
| Band2 | 10MHz     | 16QAM      | 18650   | 50RB#0           | 6.09       | 13        | PASS    |
| Band2 | 10MHz     | 16QAM      | 18900   | 50RB#0           | 6.05       | 13        | PASS    |
| Band2 | 10MHz     | 16QAM      | 19150   | 50RB#0           | 5.95       | 13        | PASS    |
| Band2 | 15MHz     | QPSK       | 18675   | 75RB#0           | 5.69       | 13        | PASS    |
| Band2 | 15MHz     | QPSK       | 18900   | 75RB#0           | 5.61       | 13        | PASS    |
| Band2 | 15MHz     | QPSK       | 19125   | 75RB#0           | 5.43       | 13        | PASS    |
| Band2 | 15MHz     | 16QAM      | 18675   | 75RB#0           | 6.16       | 13        | PASS    |
| Band2 | 15MHz     | 16QAM      | 18900   | 75RB#0           | 6.16       | 13        | PASS    |
| Band2 | 15MHz     | 16QAM      | 19125   | 75RB#0           | 5.95       | 13        | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0          | 5.47       | 13        | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 100RB#0          | 5.48       | 13        | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 100RB#0          | 5.32       | 13        | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 100RB#0          | 6.21       | 13        | PASS    |



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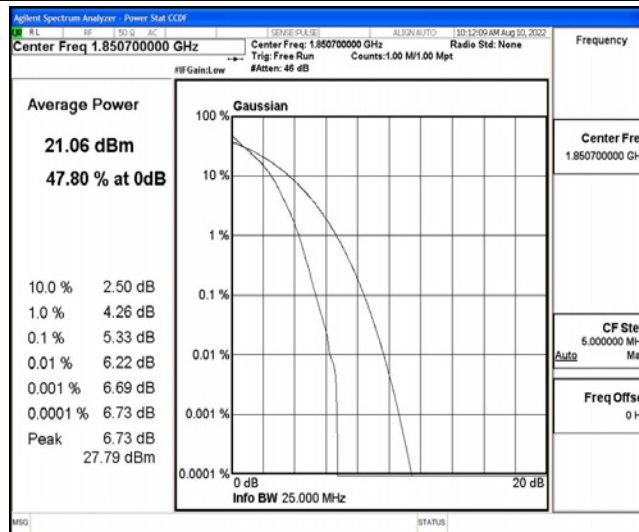
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| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | 6.21 | 13 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | 6.04 | 13 | PASS |



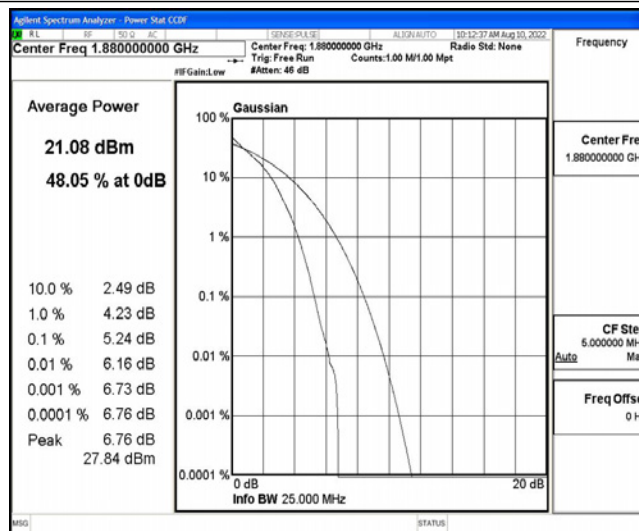


## Test Graphs

Band2-1.4MHz-QPSK-18607-6RB#0



Band2-1.4MHz-QPSK-18900-6RB#0



Band2-1.4MHz-QPSK-19193-6RB#0

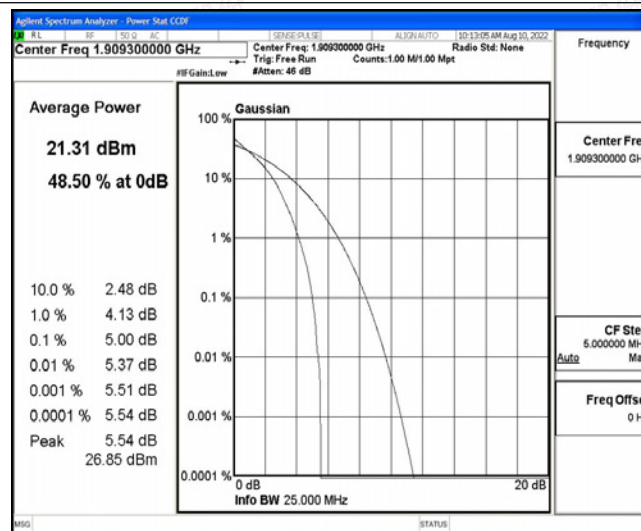


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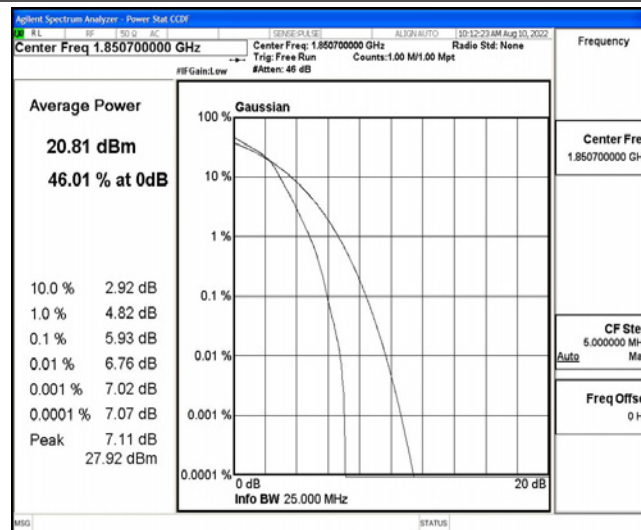
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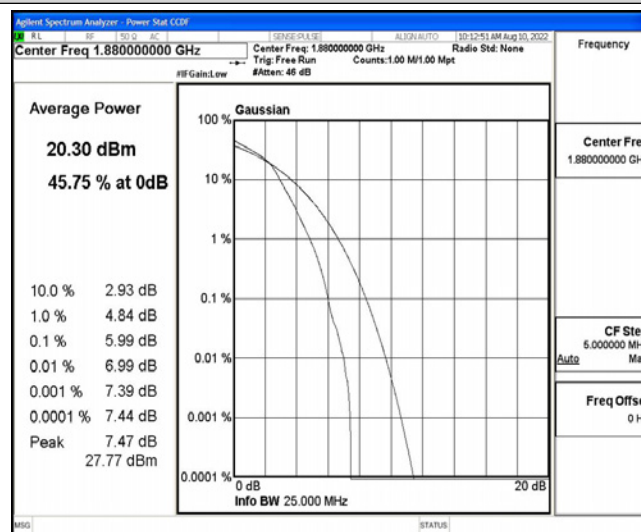
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Band2-1.4MHz-16QAM-18607-6RB#0



Band2-1.4MHz-16QAM-18900-6RB#0



Band2-1.4MHz-16QAM-19193-6RB#0

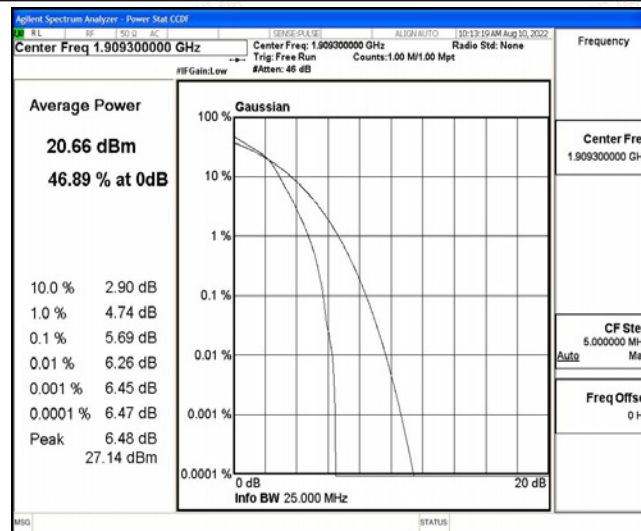


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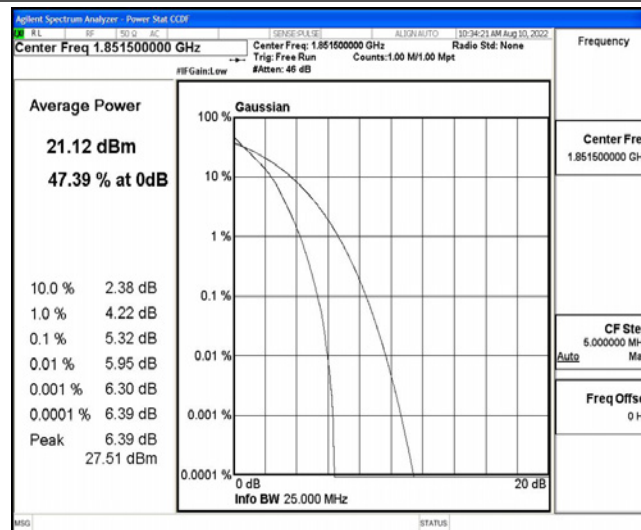
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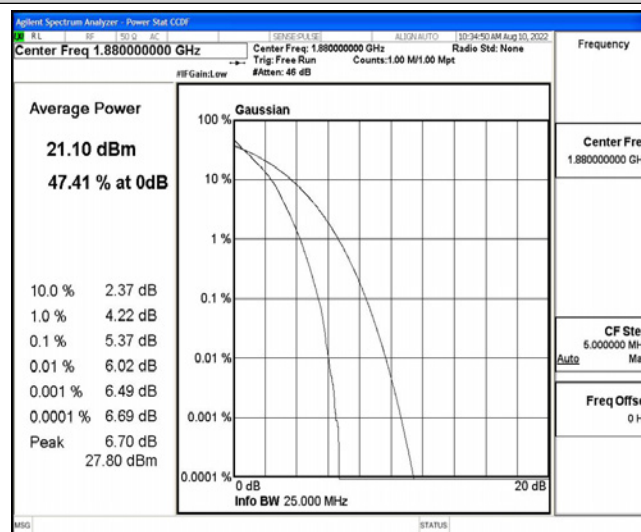
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Band2-3MHz-QPSK-18615-15RB#0



Band2-3MHz-QPSK-18900-15RB#0



Band2-3MHz-QPSK-19185-15RB#0

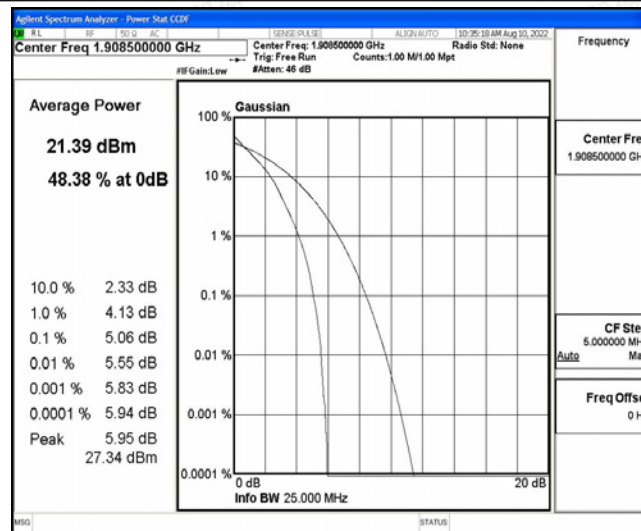


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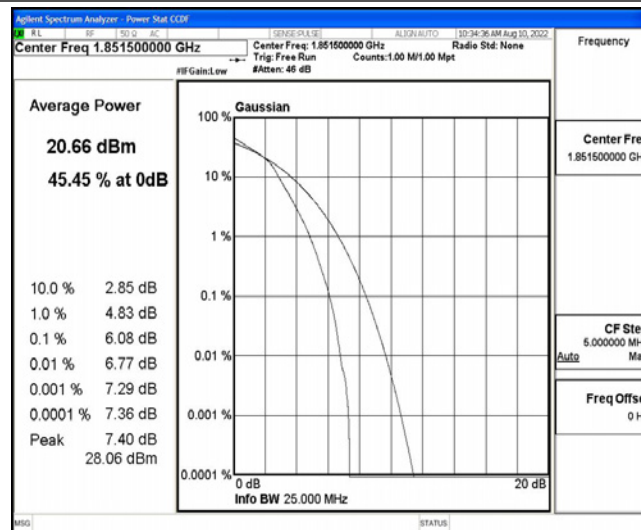
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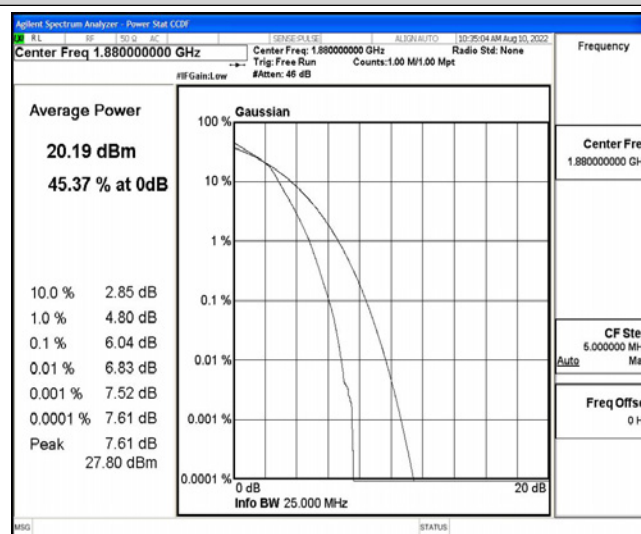
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Band2-3MHz-16QAM-18615-15RB#0



Band2-3MHz-16QAM-18900-15RB#0



Band2-3MHz-16QAM-19185-15RB#0

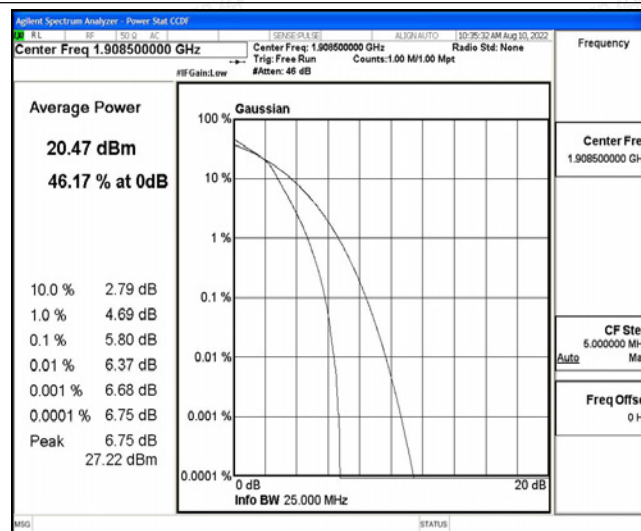


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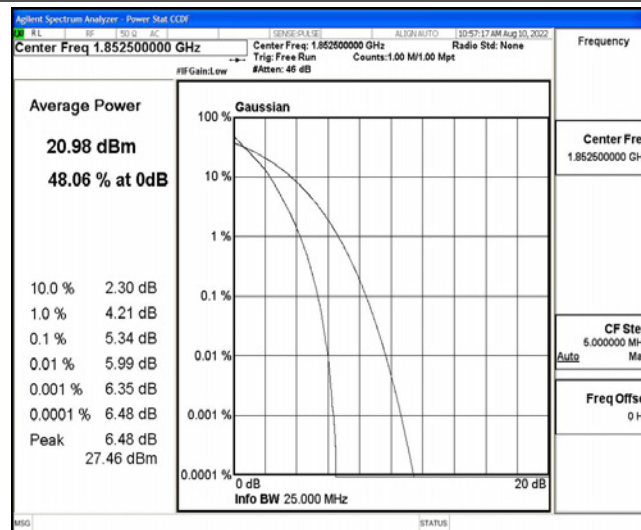
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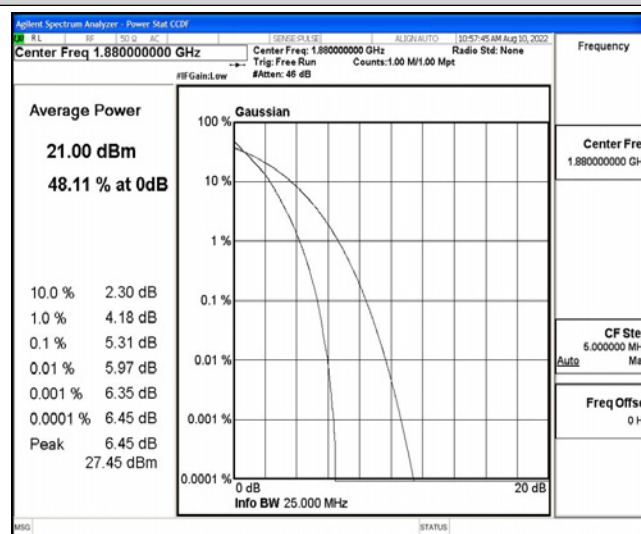
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Band2-5MHz-QPSK-18900-25RB#0



Band2-5MHz-QPSK-19175-25RB#0

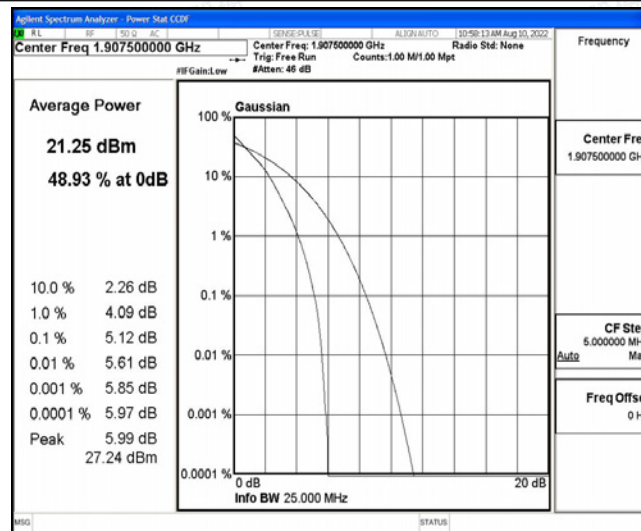


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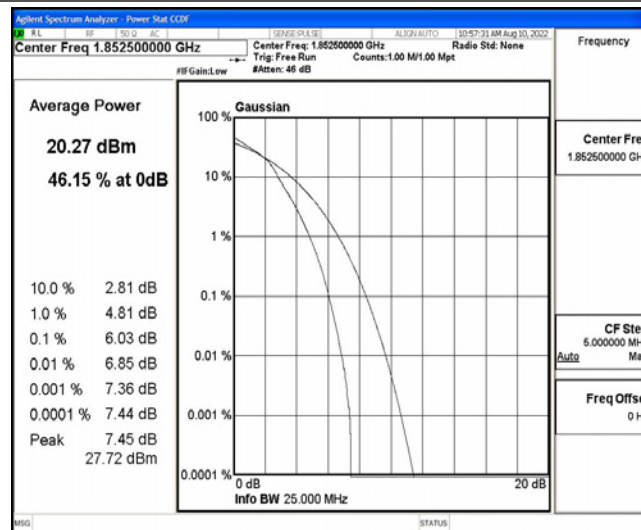
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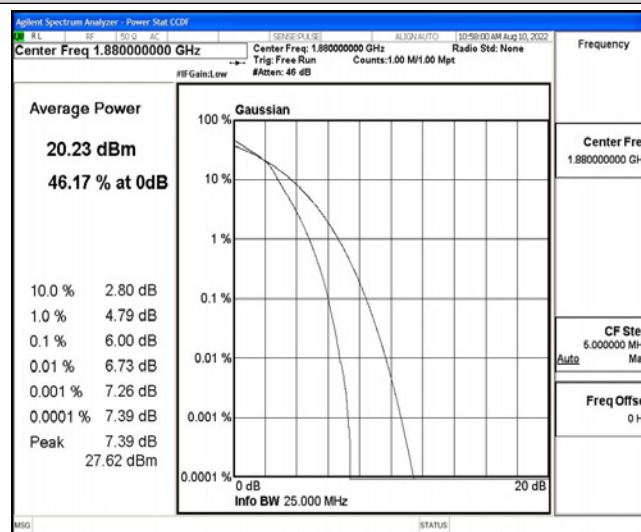
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Band2-5MHz-16QAM-18900-25RB#0



Band2-5MHz-16QAM-19175-25RB#0

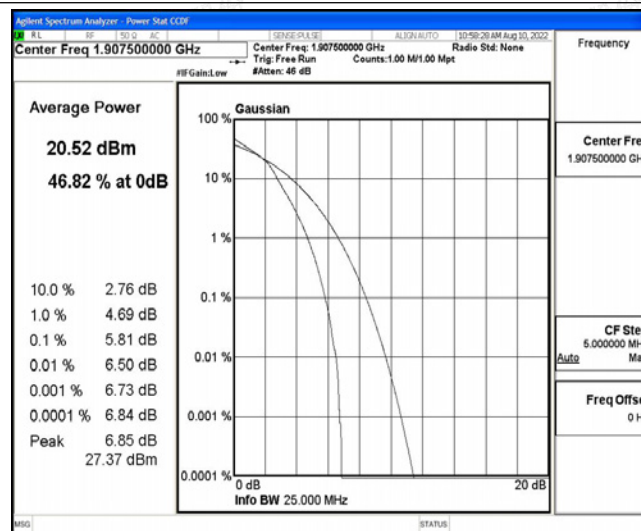


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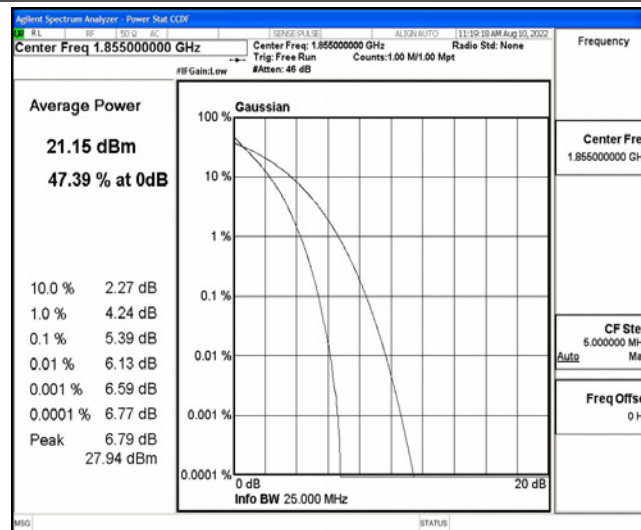
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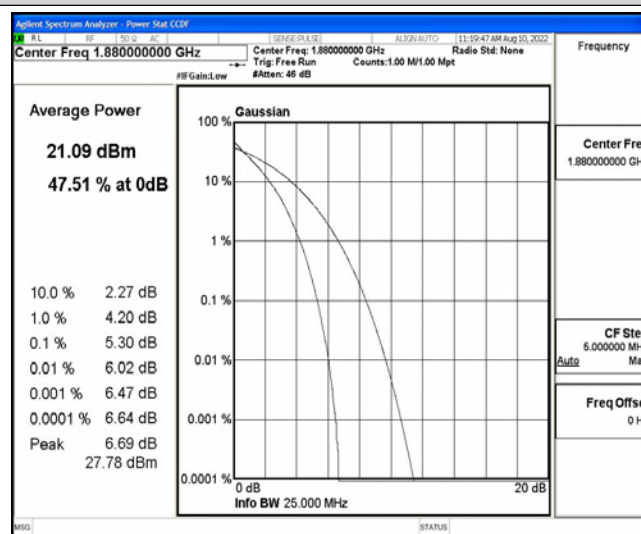
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Band2-10MHz-QPSK-18900-50RB#0



Band2-10MHz-QPSK-19150-50RB#0

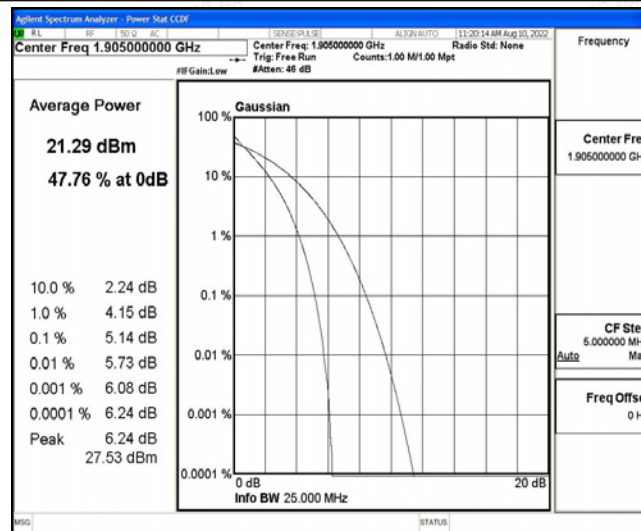


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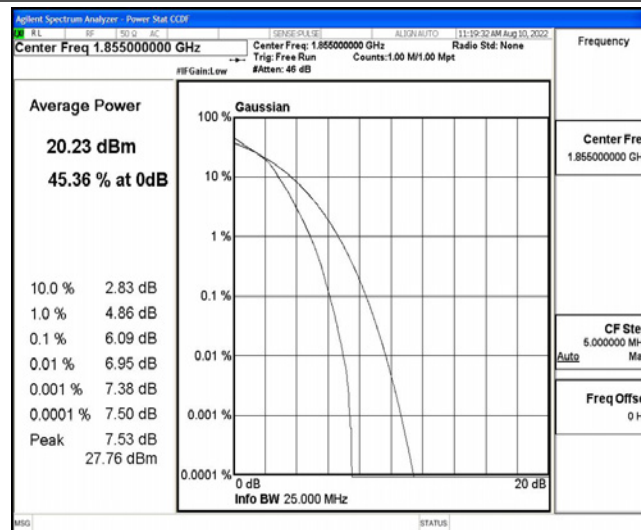
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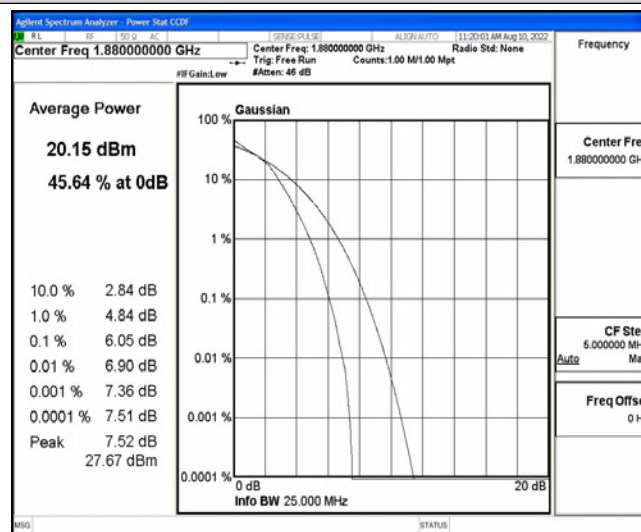
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Band2-10MHz-16QAM-18900-50RB#0



Band2-10MHz-16QAM-19150-50RB#0

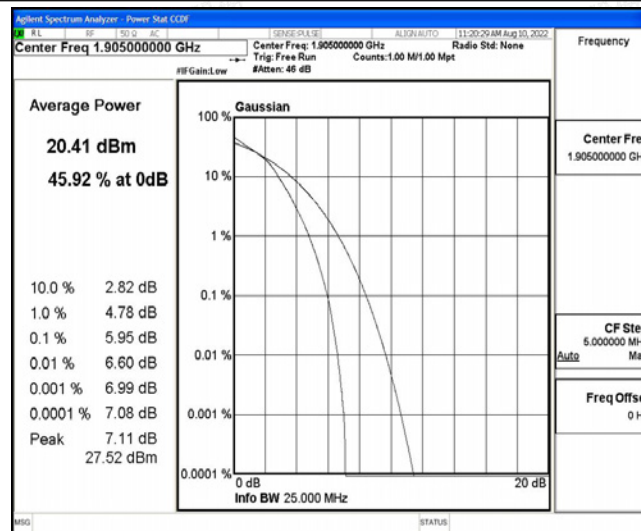


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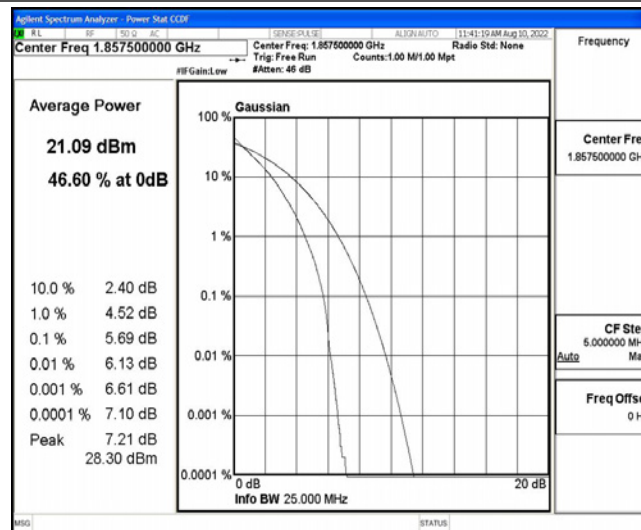
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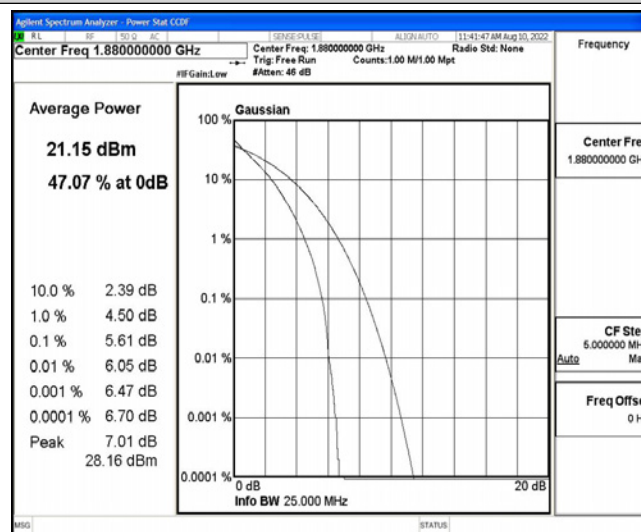
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Band2-15MHz-QPSK-18675-75RB#0



Band2-15MHz-QPSK-18900-75RB#0



Band2-15MHz-QPSK-19125-75RB#0

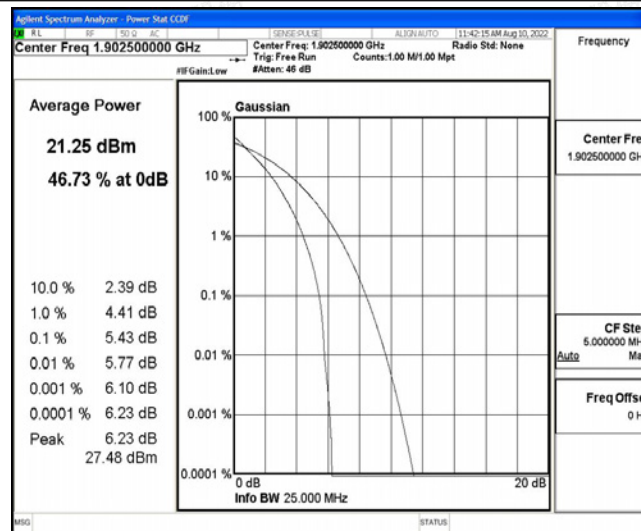


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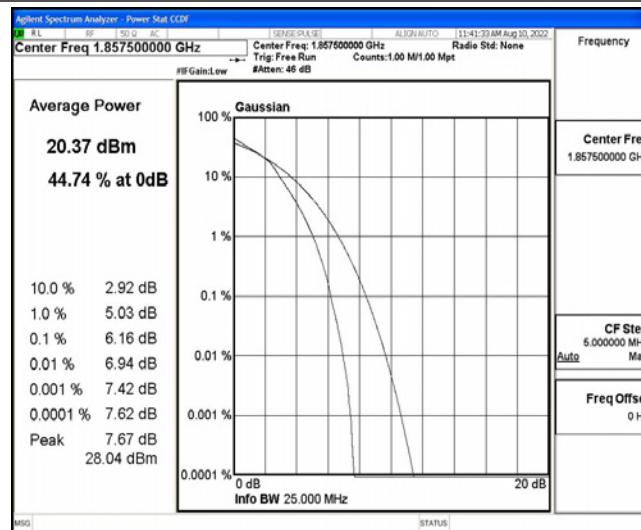
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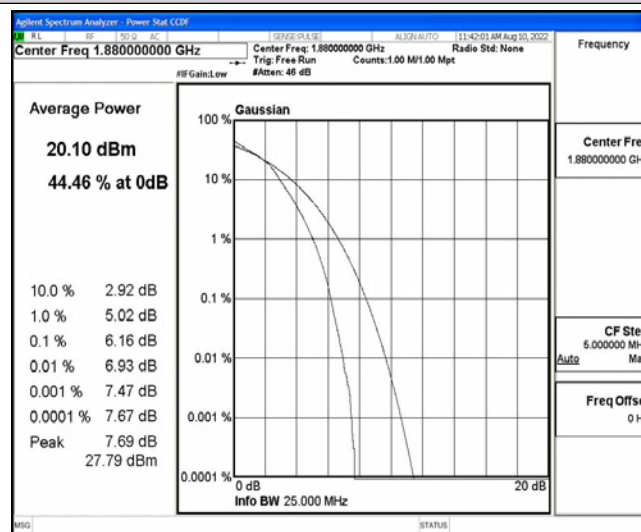
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Band2-15MHz-16QAM-18675-75RB#0



Band2-15MHz-16QAM-18900-75RB#0



Band2-15MHz-16QAM-19125-75RB#0

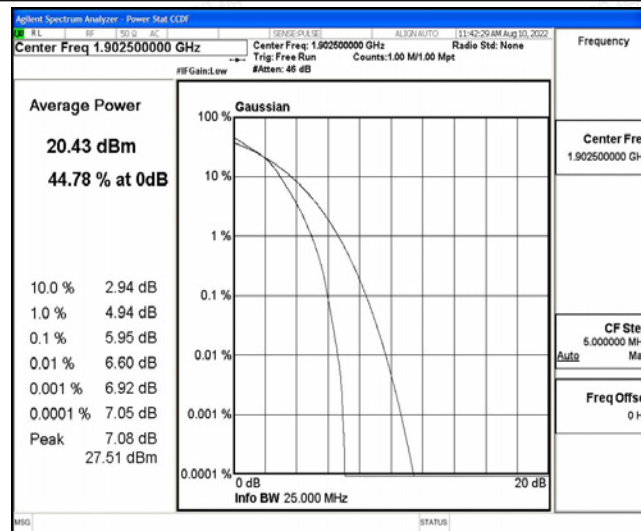


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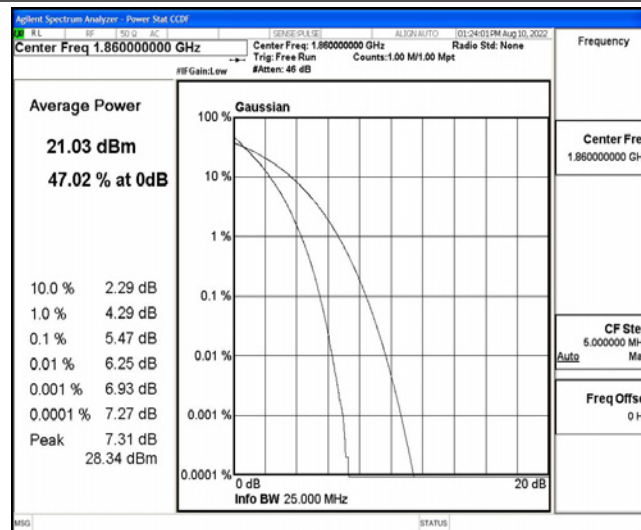
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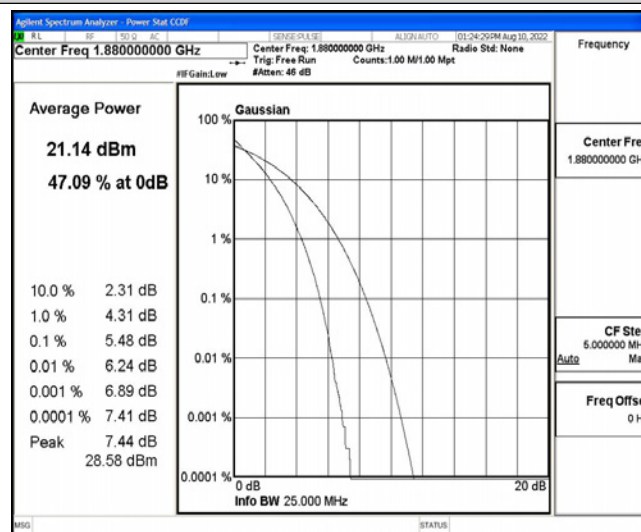
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Band2-20MHz-QPSK-18700-100RB#0



Band2-20MHz-QPSK-18900-100RB#0



Band2-20MHz-QPSK-19100-100RB#0

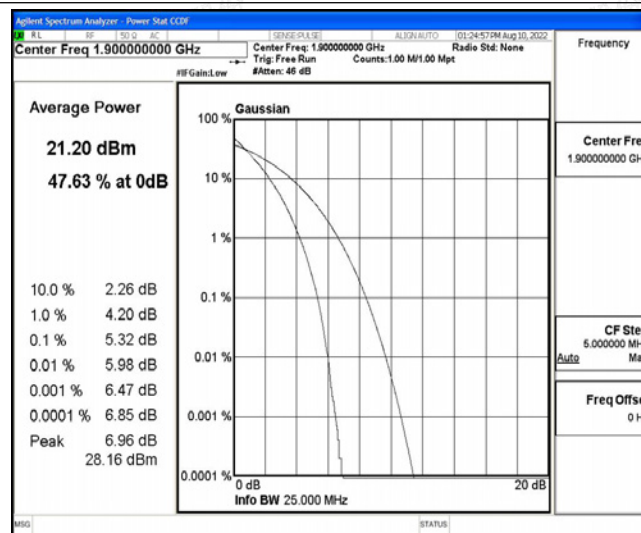


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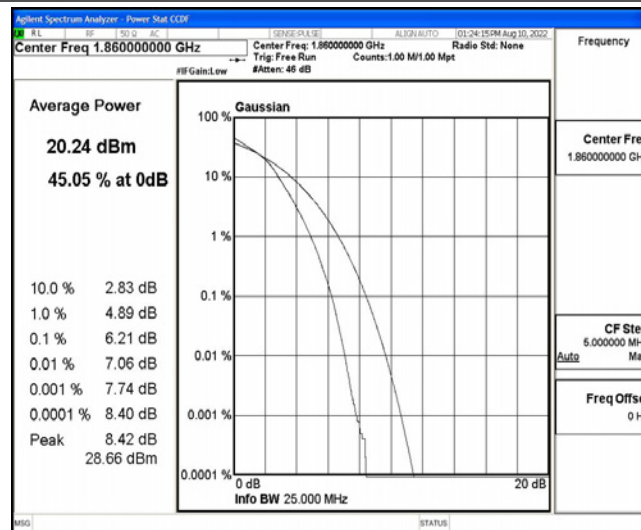
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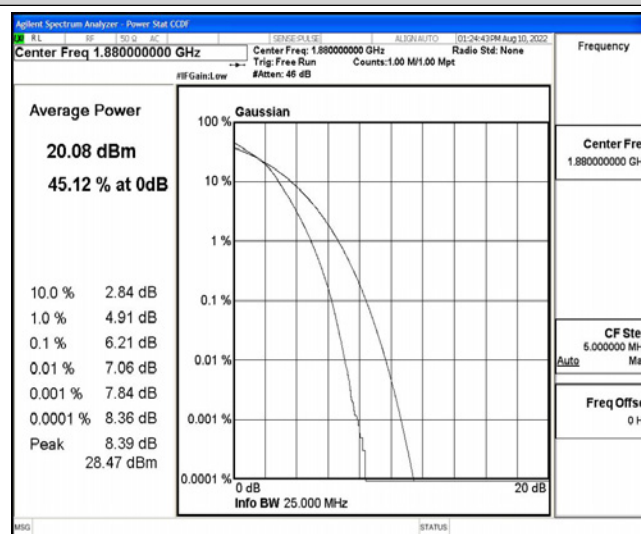
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Band2-20MHz-16QAM-18700-100RB#0



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Band2-20MHz-16QAM-19100-100RB#0

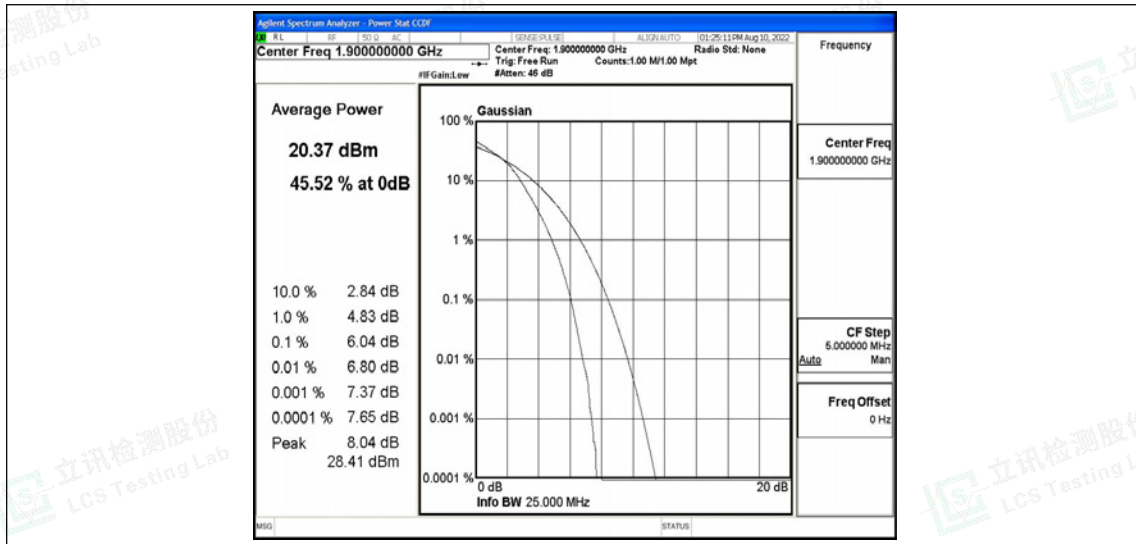


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## D.3 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 1.0884                   | 1.242                | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 1.0908                   | 1.245                | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 1.0933                   | 1.243                | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 1.0990                   | 1.254                | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 6RB#0            | 1.1012                   | 1.246                | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 6RB#0            | 1.0998                   | 1.248                | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 15RB#0           | 2.7098                   | 3.040                | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 15RB#0           | 2.7093                   | 3.024                | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 15RB#0           | 2.6989                   | 3.003                | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 15RB#0           | 2.7013                   | 2.997                | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 15RB#0           | 2.6972                   | 2.998                | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 15RB#0           | 2.7064                   | 3.028                | PASS    |
| Band2 | 5MHz      | QPSK       | 18625   | 25RB#0           | 4.5108                   | 4.964                | PASS    |
| Band2 | 5MHz      | QPSK       | 18900   | 25RB#0           | 4.5098                   | 4.987                | PASS    |
| Band2 | 5MHz      | QPSK       | 19175   | 25RB#0           | 4.4947                   | 4.964                | PASS    |
| Band2 | 5MHz      | 16QAM      | 18625   | 25RB#0           | 4.4983                   | 4.964                | PASS    |
| Band2 | 5MHz      | 16QAM      | 18900   | 25RB#0           | 4.5029                   | 4.954                | PASS    |
| Band2 | 5MHz      | 16QAM      | 19175   | 25RB#0           | 4.5113                   | 4.984                | PASS    |
| Band2 | 10MHz     | QPSK       | 18650   | 50RB#0           | 9.0015                   | 9.908                | PASS    |
| Band2 | 10MHz     | QPSK       | 18900   | 50RB#0           | 8.9944                   | 9.940                | PASS    |
| Band2 | 10MHz     | QPSK       | 19150   | 50RB#0           | 8.9918                   | 9.891                | PASS    |
| Band2 | 10MHz     | 16QAM      | 18650   | 50RB#0           | 8.9770                   | 9.873                | PASS    |
| Band2 | 10MHz     | 16QAM      | 18900   | 50RB#0           | 8.9914                   | 9.917                | PASS    |
| Band2 | 10MHz     | 16QAM      | 19150   | 50RB#0           | 9.0036                   | 9.933                | PASS    |
| Band2 | 15MHz     | QPSK       | 18675   | 75RB#0           | 13.498                   | 14.97                | PASS    |
| Band2 | 15MHz     | QPSK       | 18900   | 75RB#0           | 13.500                   | 14.85                | PASS    |
| Band2 | 15MHz     | QPSK       | 19125   | 75RB#0           | 13.482                   | 14.97                | PASS    |
| Band2 | 15MHz     | 16QAM      | 18675   | 75RB#0           | 13.498                   | 14.80                | PASS    |
| Band2 | 15MHz     | 16QAM      | 18900   | 75RB#0           | 13.468                   | 14.89                | PASS    |
| Band2 | 15MHz     | 16QAM      | 19125   | 75RB#0           | 13.490                   | 14.82                | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0          | 17.929                   | 19.42                | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 100RB#0          | 17.889                   | 19.33                | PASS    |



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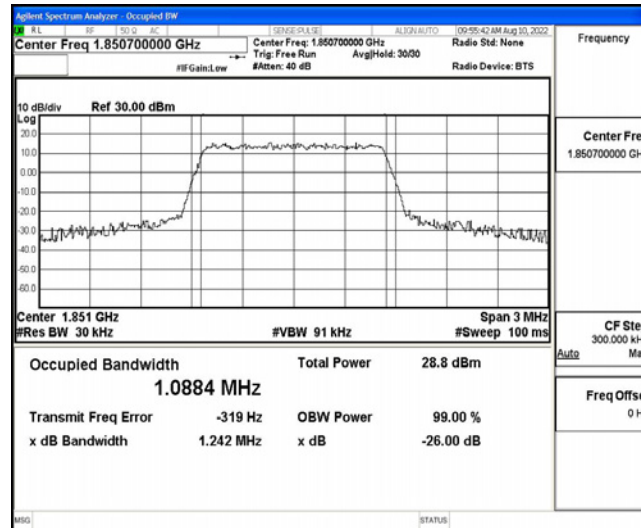
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|-------|-------|-------|-------|---------|--------|-------|------|
| Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | 17.987 | 19.55 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | 17.906 | 19.39 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | 17.866 | 19.35 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | 17.947 | 19.46 | PASS |



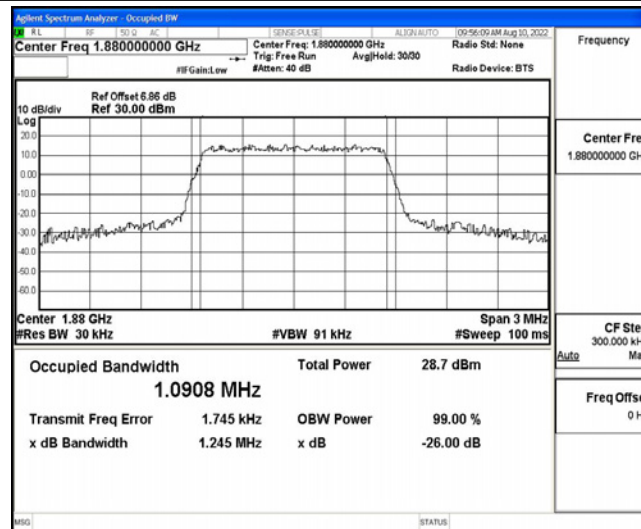


## Test Graphs

Band2-1.4MHz-QPSK-18607-6RB#0

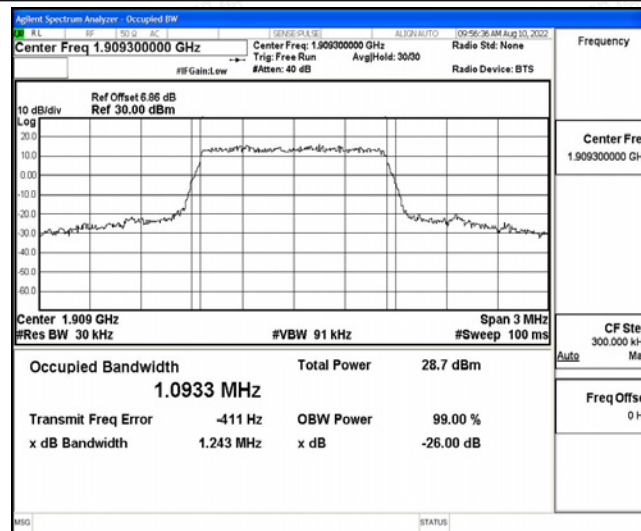


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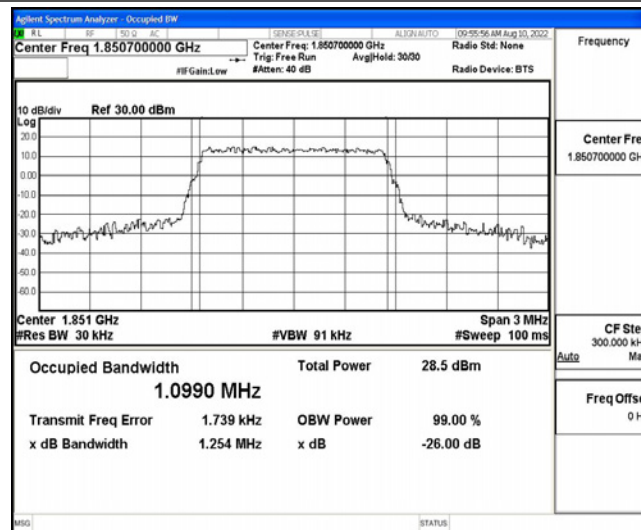


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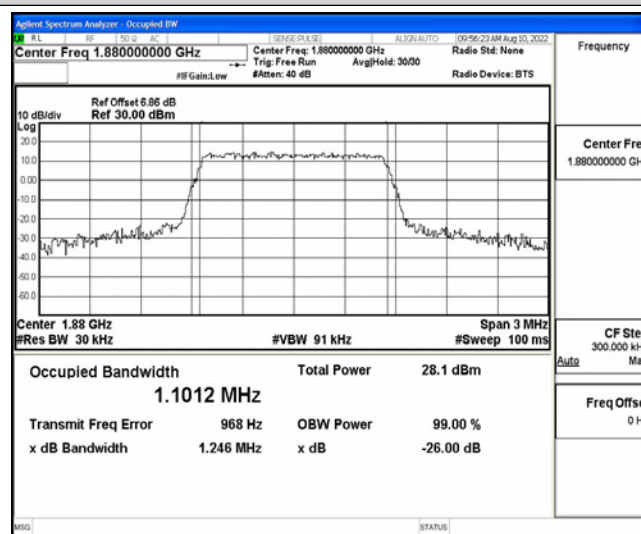




Band2-1.4MHz-16QAM-18607-6RB#0



Band2-1.4MHz-16QAM-18900-6RB#0



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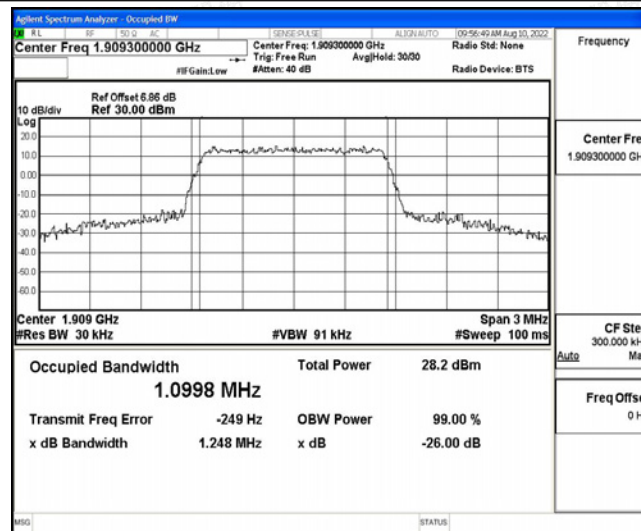


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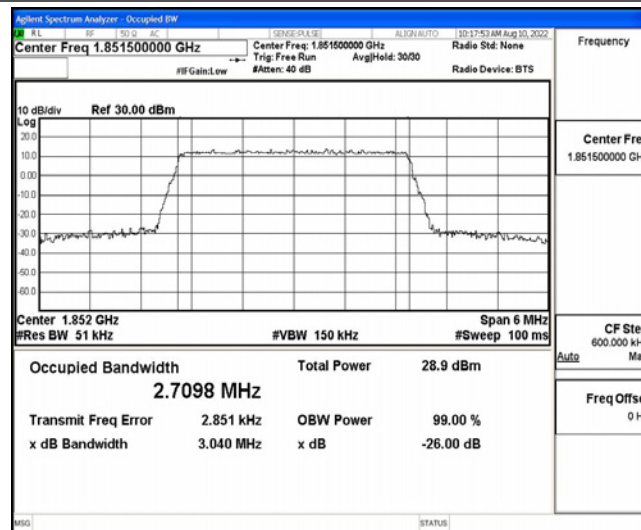
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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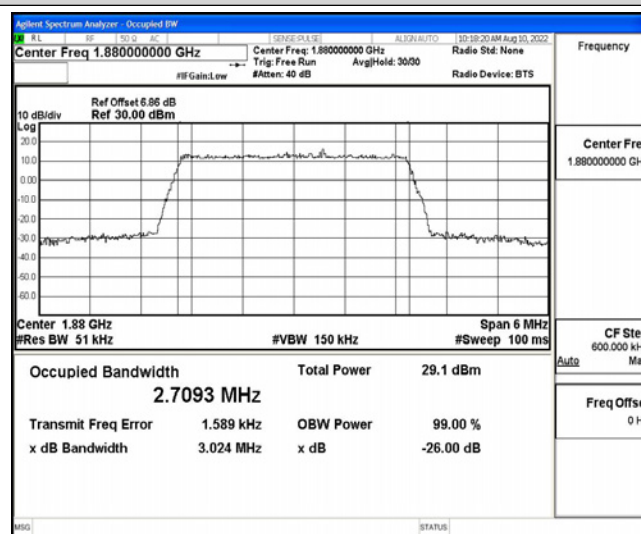
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Band2-3MHz-QPSK-18615-15RB#0



Band2-3MHz-QPSK-18900-15RB#0



Band2-3MHz-QPSK-19185-15RB#0

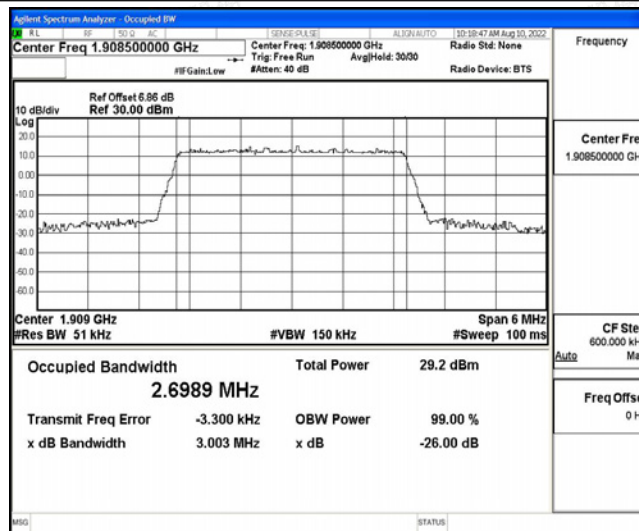


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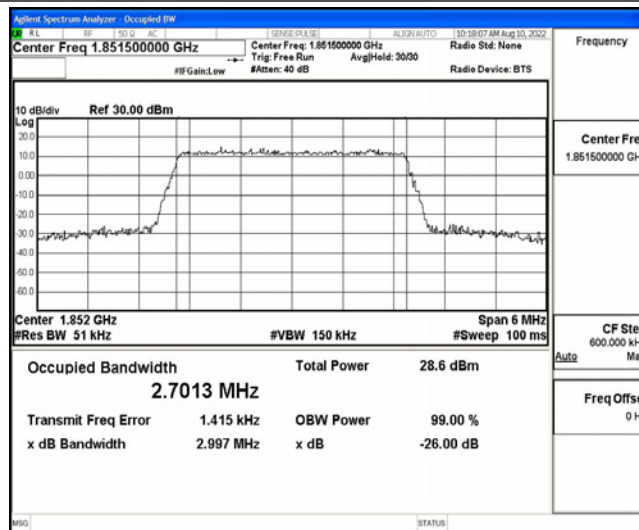
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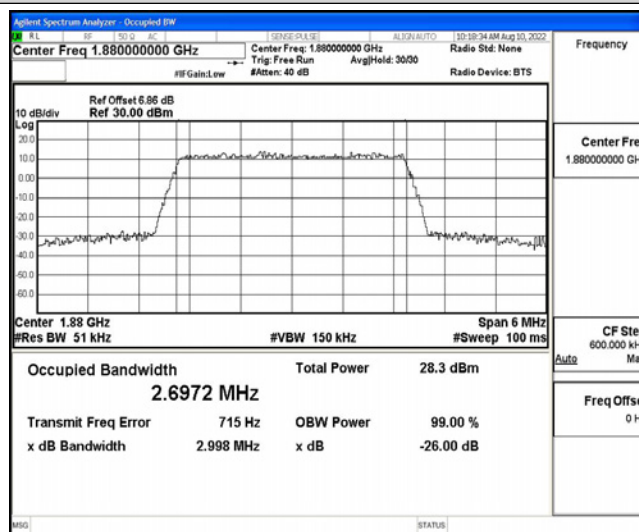
Scan code to check authenticity



Band2-3MHz-16QAM-18615-15RB#0



Band2-3MHz-16QAM-18900-15RB#0



Band2-3MHz-16QAM-19185-15RB#0

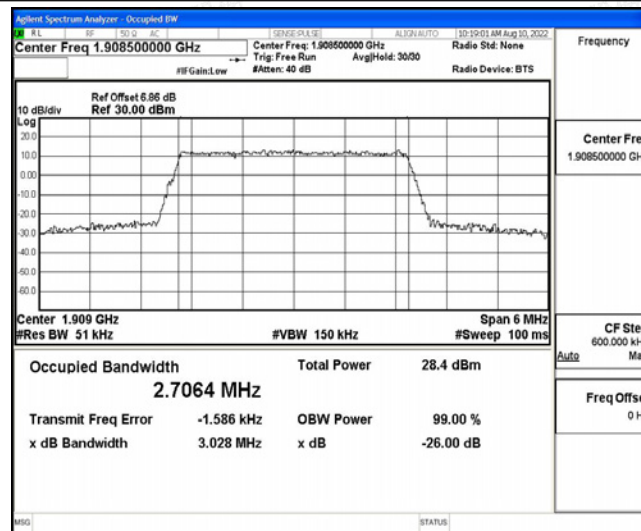


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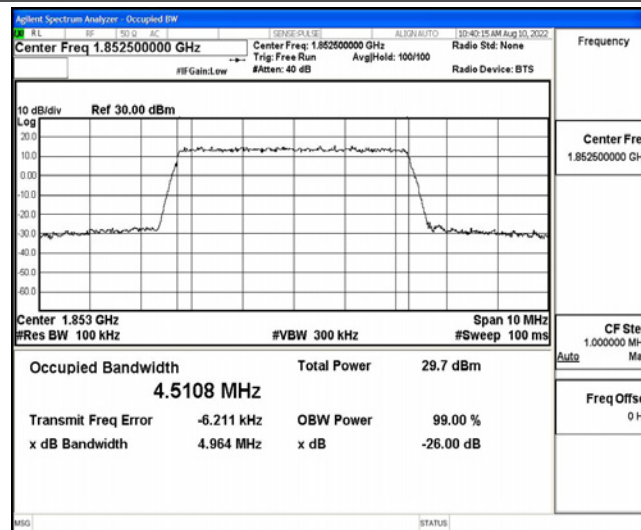
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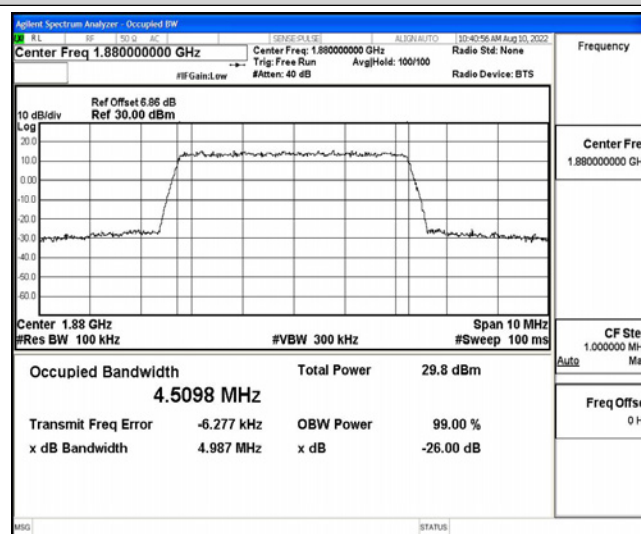
Scan code to check authenticity



Band2-5MHz-QPSK-18625-25RB#0



Band2-5MHz-QPSK-18900-25RB#0



Band2-5MHz-QPSK-19175-25RB#0

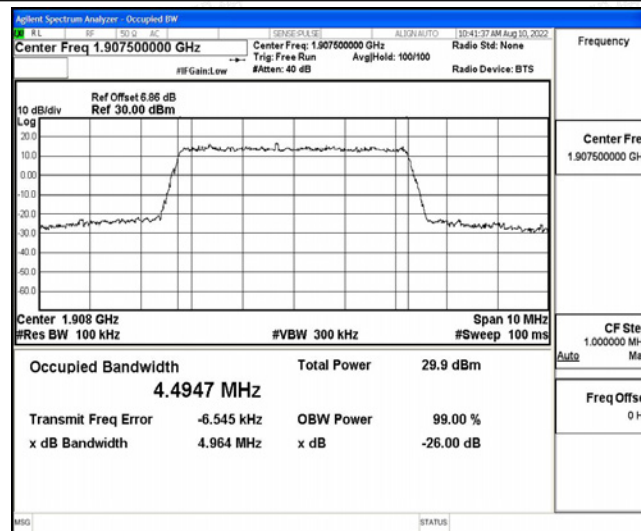


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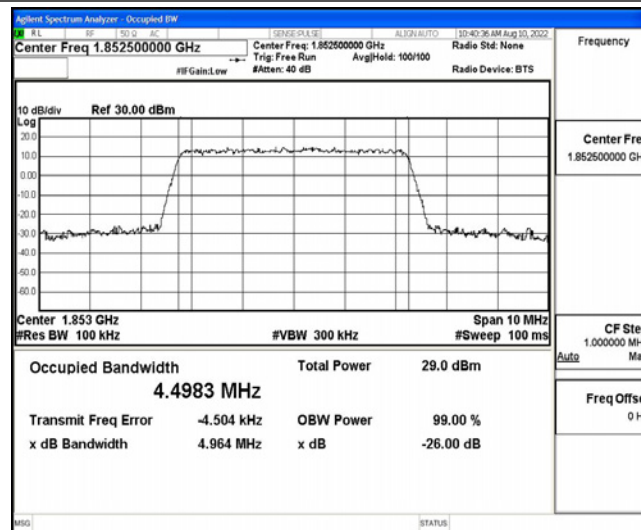
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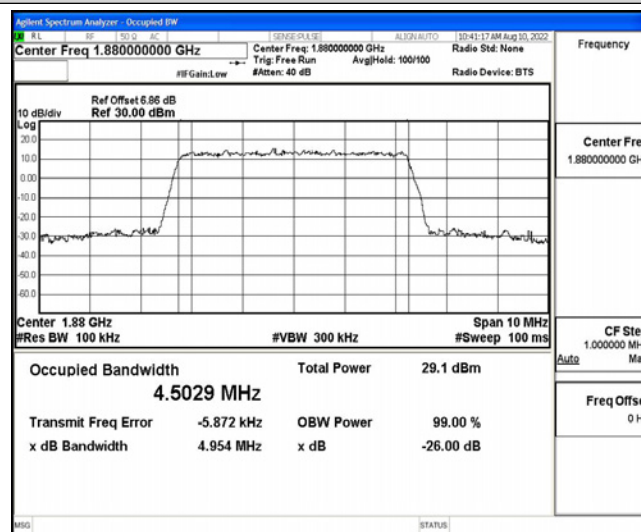
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Band2-5MHz-16QAM-18625-25RB#0



Band2-5MHz-16QAM-18900-25RB#0



Band2-5MHz-16QAM-19175-25RB#0

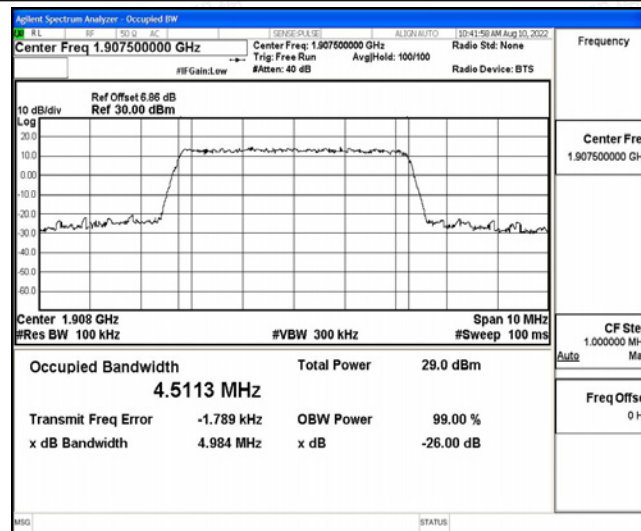


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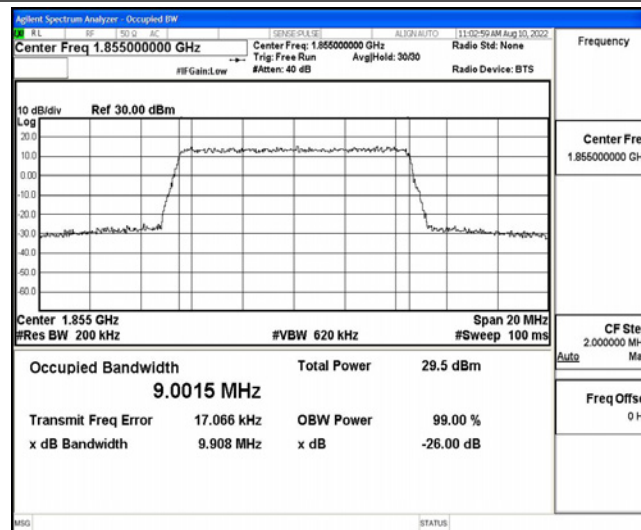
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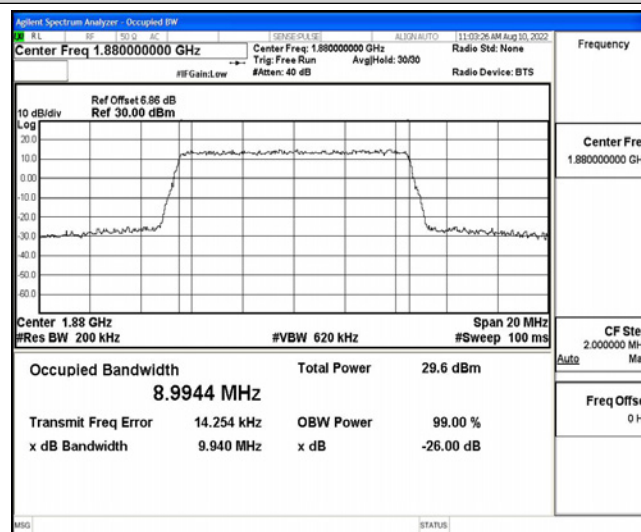
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Band2-10MHz-QPSK-18650-50RB#0



Band2-10MHz-QPSK-18900-50RB#0



Band2-10MHz-QPSK-19150-50RB#0

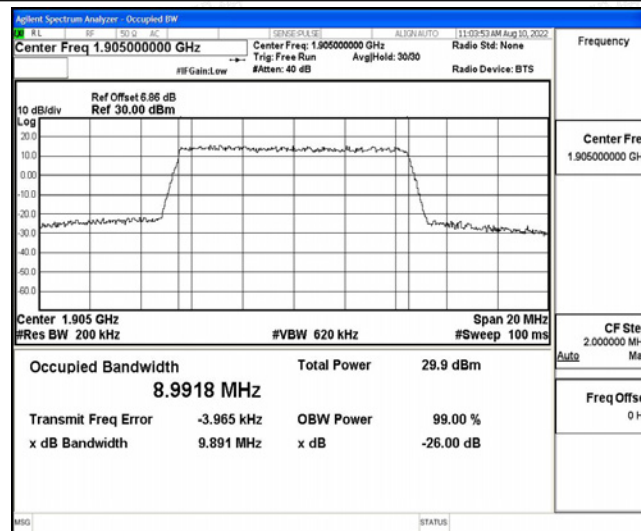


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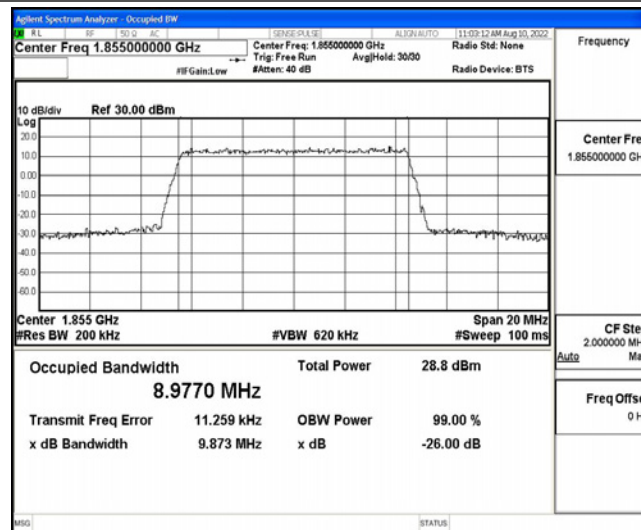
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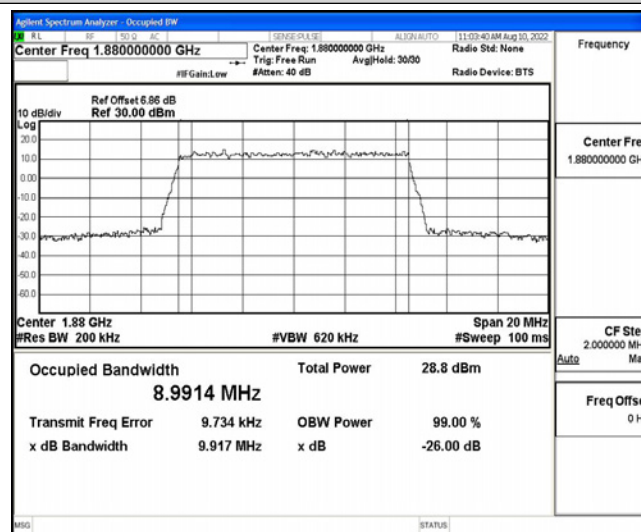
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Band2-10MHz-16QAM-18900-50RB#0



Band2-10MHz-16QAM-19150-50RB#0

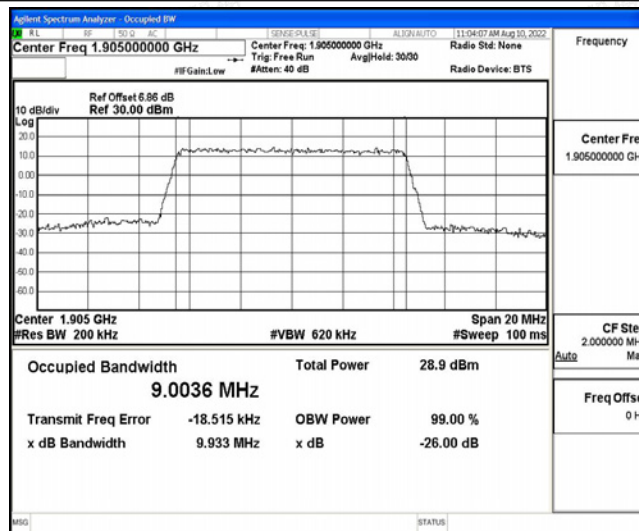


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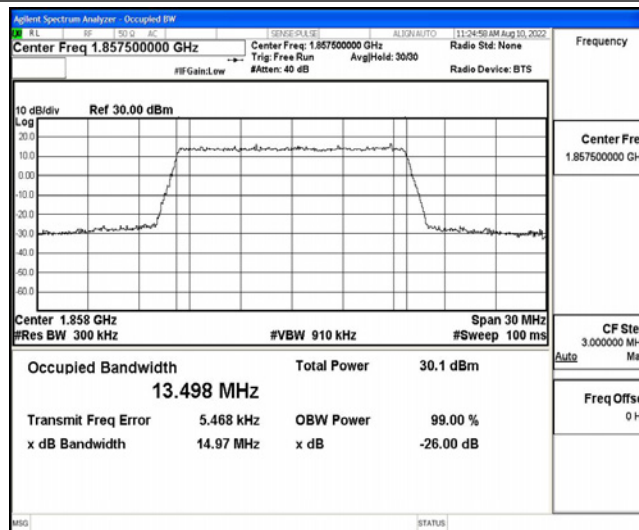
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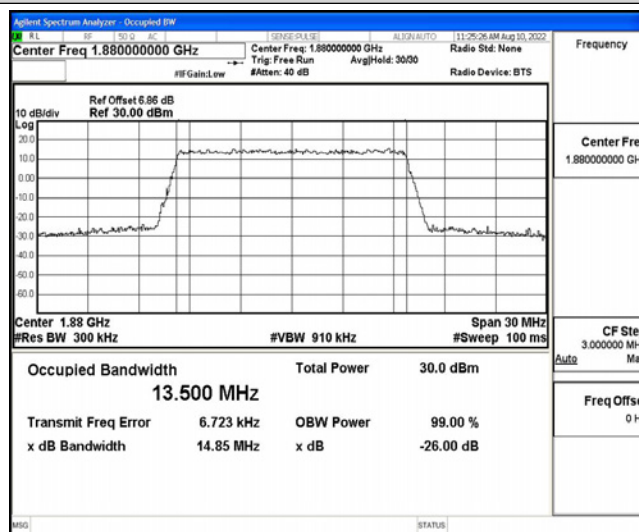
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Band2-15MHz-QPSK-18900-75RB#0



Band2-15MHz-QPSK-19125-75RB#0

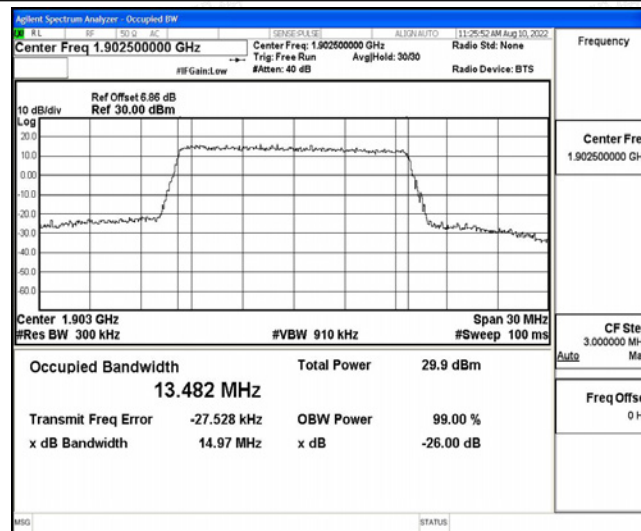


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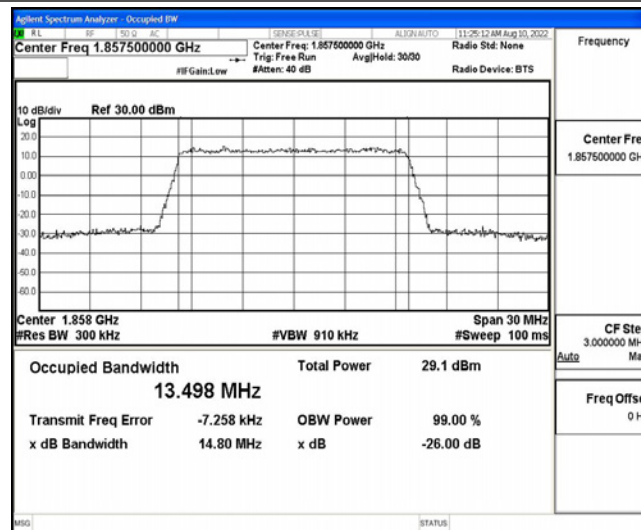
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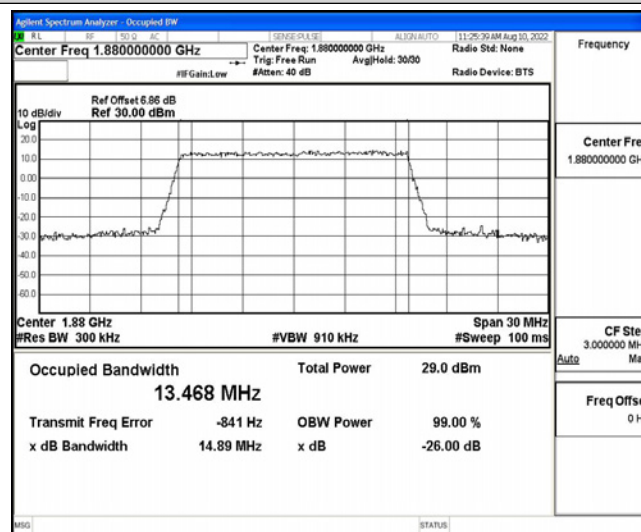
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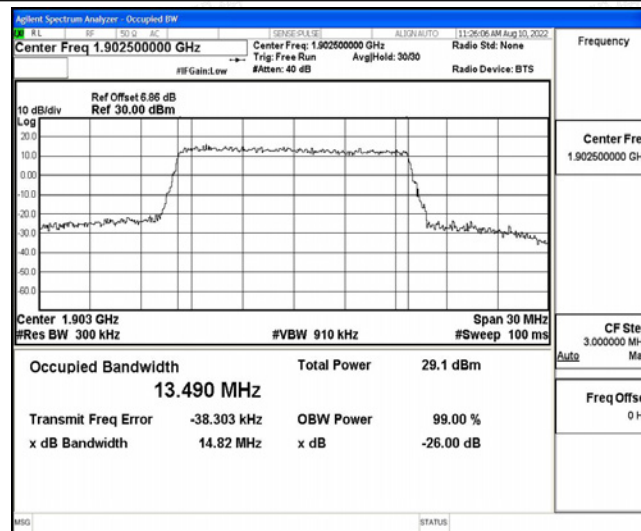


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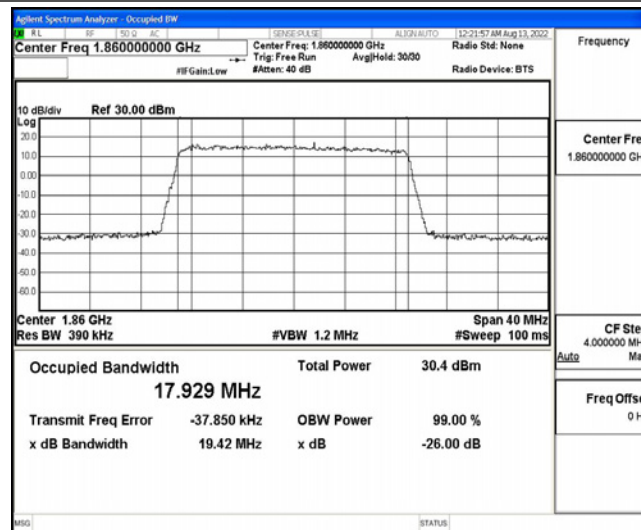
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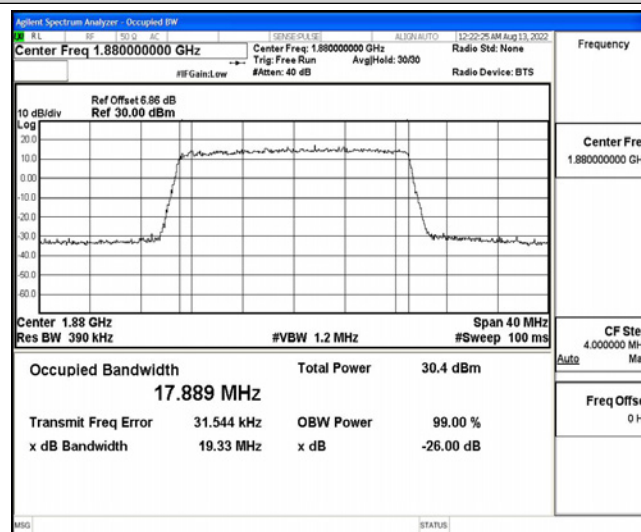
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Band2-20MHz-QPSK-18700-100RB#0



Band2-20MHz-QPSK-18900-100RB#0



Band2-20MHz-QPSK-19100-100RB#0

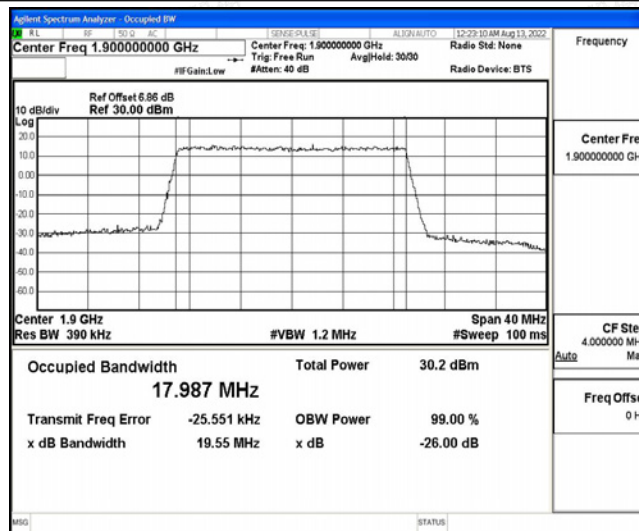


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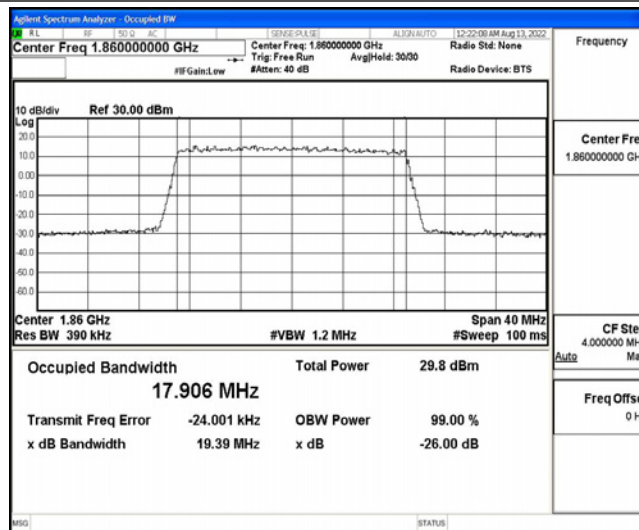
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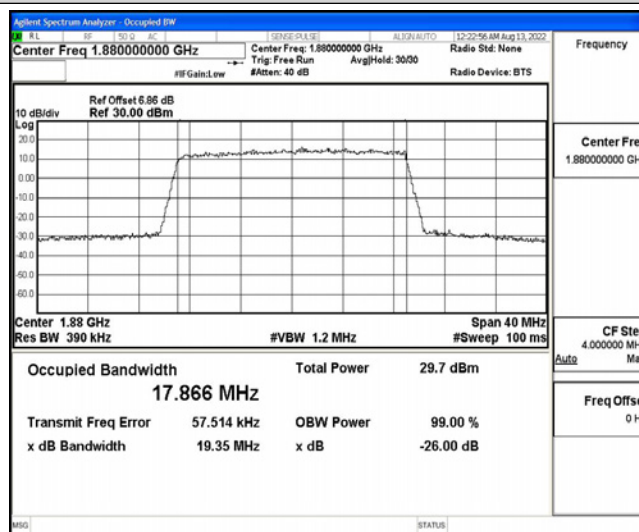
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Band2-20MHz-16QAM-18700-100RB#0



Band2-20MHz-16QAM-18900-100RB#0



Band2-20MHz-16QAM-19100-100RB#0

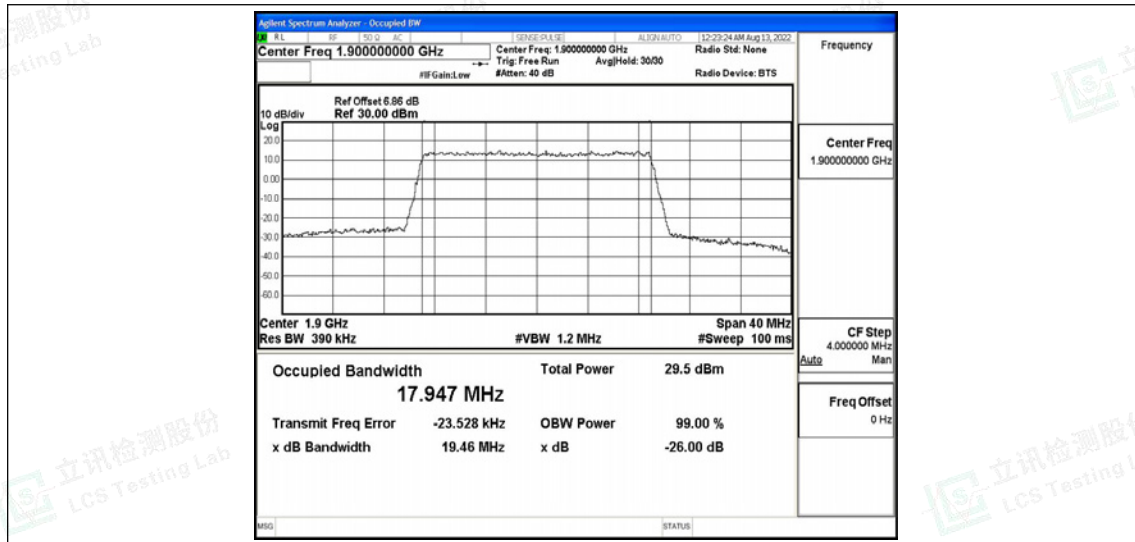


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## D.4 Band Edge

### Test Result

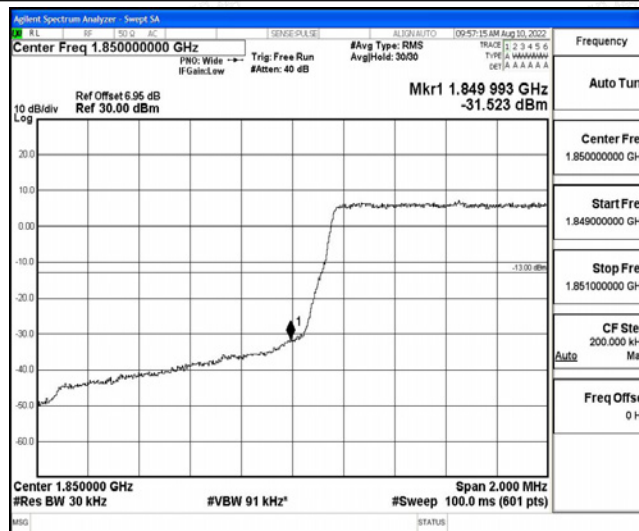
| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | -31.52      | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | -28.60      | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | -31.84      | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 6RB#0            | -29.98      | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 15RB#0           | -23.25      | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 15RB#0           | -23.34      | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 15RB#0           | -24.45      | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 15RB#0           | -24.30      | PASS    |
| Band2 | 5MHz      | QPSK       | 18625   | 25RB#0           | -26.71      | PASS    |
| Band2 | 5MHz      | QPSK       | 19175   | 25RB#0           | -27.92      | PASS    |
| Band2 | 5MHz      | 16QAM      | 18625   | 25RB#0           | -29.00      | PASS    |
| Band2 | 5MHz      | 16QAM      | 19175   | 25RB#0           | -28.88      | PASS    |
| Band2 | 10MHz     | QPSK       | 18650   | 50RB#0           | -30.96      | PASS    |
| Band2 | 10MHz     | QPSK       | 19150   | 50RB#0           | -30.99      | PASS    |
| Band2 | 10MHz     | 16QAM      | 18650   | 50RB#0           | -32.74      | PASS    |
| Band2 | 10MHz     | 16QAM      | 19150   | 50RB#0           | -31.69      | PASS    |
| Band2 | 15MHz     | QPSK       | 18675   | 75RB#0           | -30.80      | PASS    |
| Band2 | 15MHz     | QPSK       | 19125   | 75RB#0           | -31.16      | PASS    |
| Band2 | 15MHz     | 16QAM      | 18675   | 75RB#0           | -32.11      | PASS    |
| Band2 | 15MHz     | 16QAM      | 19125   | 75RB#0           | -32.71      | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0          | -33.58      | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 100RB#0          | -34.01      | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 100RB#0          | -35.04      | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 100RB#0          | -35.41      | PASS    |

### Test Graphs

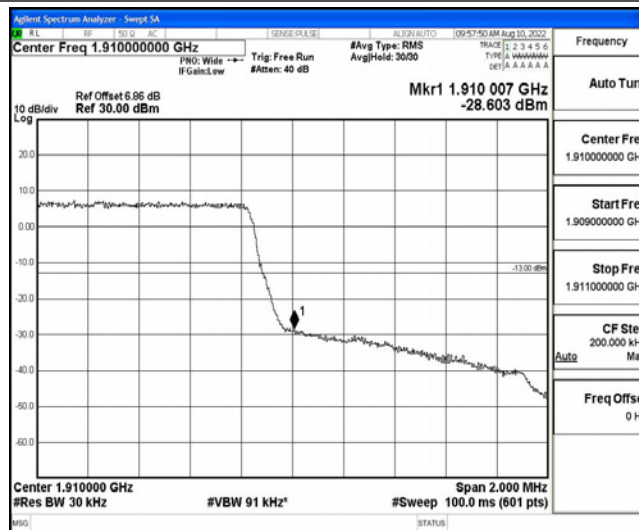
Band2-1.4MHz-QPSK-18607-6RB#0



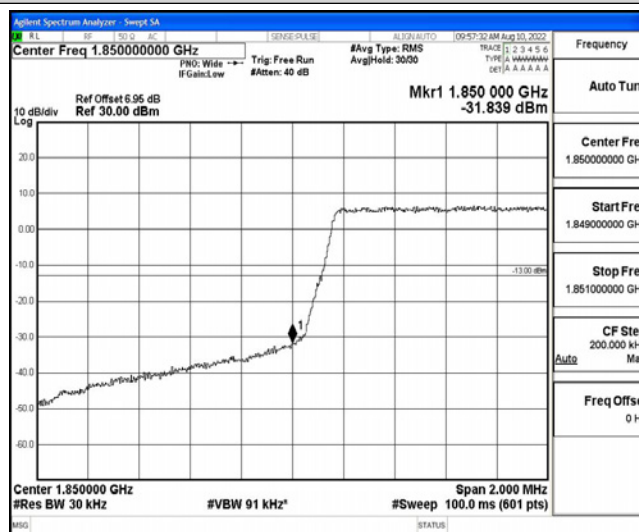
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Band2-1.4MHz-QPSK-19193-6RB#0



Band2-1.4MHz-16QAM-18607-6RB#0



Band2-1.4MHz-16QAM-19193-6RB#0

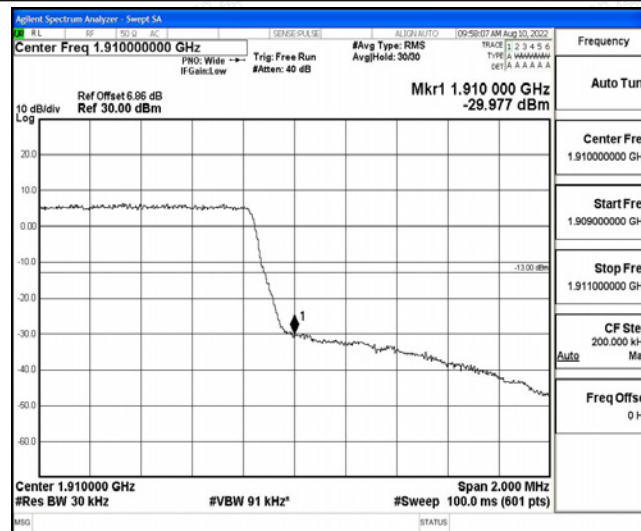


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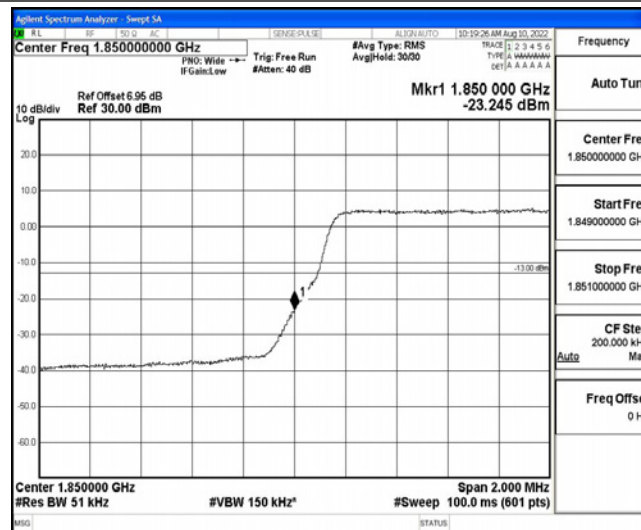
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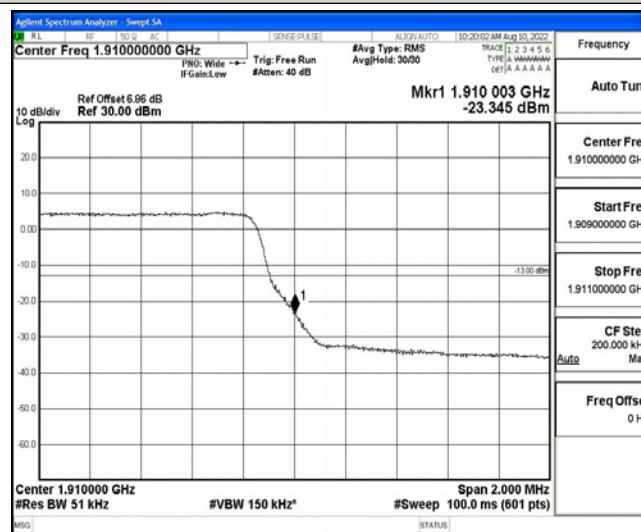
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Band2-3MHz-QPSK-18615-15RB#0



Band2-3MHz-QPSK-19185-15RB#0



Band2-3MHz-16QAM-18615-15RB#0

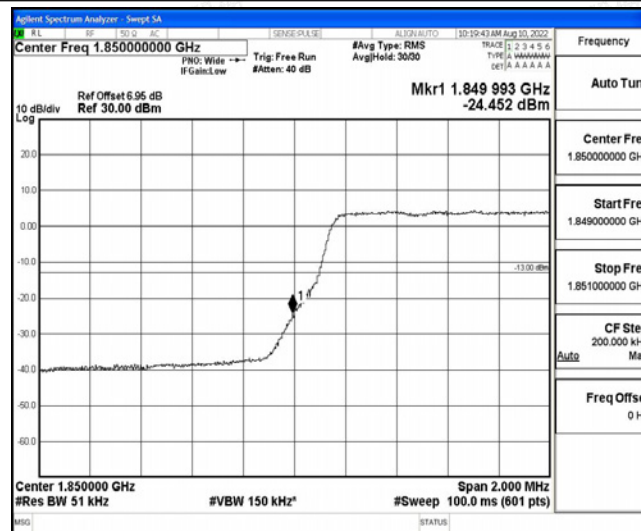


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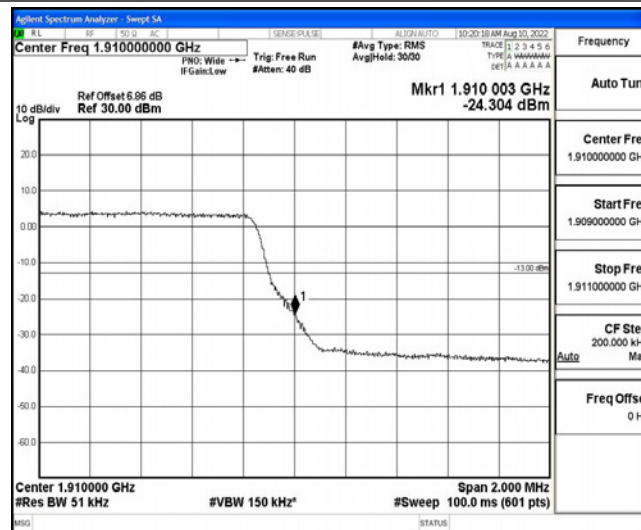
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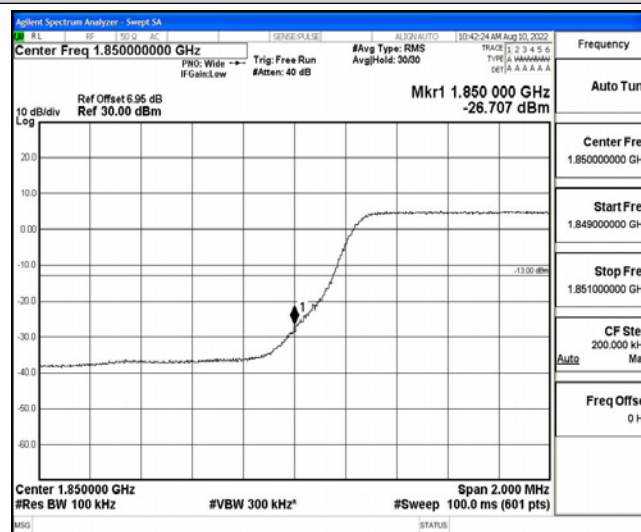
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Band2-3MHz-16QAM-19185-15RB#0



Band2-5MHz-QPSK-18625-25RB#0



Band2-5MHz-QPSK-19175-25RB#0



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