



Appendix F: Test Data for E-UTRA Band 2

Product Name: SmartHub  
Test Model: SmartHub v2

Environmental Conditions

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





## F.1 Effective (Isotropic) Radiated Power Output Data for M1

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Size | RB Start | NBIndex | Result(dBm) | Verdict |
|-------|-----------|------------|---------|---------|----------|---------|-------------|---------|
| Band2 | 1.4MHz    | 18607      | QPSK    | 1       | 0        | Low     | 20.57       | PASS    |
| Band2 | 1.4MHz    | 18607      | QPSK    | 1       | 5        | Low     | 20.46       | PASS    |
| Band2 | 1.4MHz    | 18607      | QPSK    | 6       | 0        | Low     | 18.38       | PASS    |
| Band2 | 1.4MHz    | 18900      | QPSK    | 1       | 0        | Low     | 20.40       | PASS    |
| Band2 | 1.4MHz    | 18900      | QPSK    | 1       | 5        | Low     | 20.43       | PASS    |
| Band2 | 1.4MHz    | 18900      | QPSK    | 6       | 0        | Low     | 18.34       | PASS    |
| Band2 | 1.4MHz    | 19193      | QPSK    | 1       | 0        | High    | 20.47       | PASS    |
| Band2 | 1.4MHz    | 19193      | QPSK    | 1       | 5        | High    | 20.51       | PASS    |
| Band2 | 1.4MHz    | 19193      | QPSK    | 6       | 0        | High    | 18.46       | PASS    |
| Band2 | 1.4MHz    | 18607      | 16QAM   | 1       | 0        | Low     | 19.40       | PASS    |
| Band2 | 1.4MHz    | 18607      | 16QAM   | 1       | 5        | Low     | 19.22       | PASS    |
| Band2 | 1.4MHz    | 18607      | 16QAM   | 6       | 0        | Low     | 18.37       | PASS    |
| Band2 | 1.4MHz    | 18900      | 16QAM   | 1       | 0        | Low     | 19.42       | PASS    |
| Band2 | 1.4MHz    | 18900      | 16QAM   | 1       | 5        | Low     | 19.25       | PASS    |
| Band2 | 1.4MHz    | 18900      | 16QAM   | 6       | 0        | Low     | 18.33       | PASS    |
| Band2 | 1.4MHz    | 19193      | 16QAM   | 1       | 0        | High    | 19.53       | PASS    |
| Band2 | 1.4MHz    | 19193      | 16QAM   | 1       | 5        | High    | 19.49       | PASS    |
| Band2 | 1.4MHz    | 19193      | 16QAM   | 6       | 0        | High    | 18.46       | PASS    |
| Band2 | 3MHz      | 18615      | QPSK    | 1       | 0        | Low     | 20.78       | PASS    |
| Band2 | 3MHz      | 18615      | QPSK    | 1       | 5        | Low     | 20.59       | PASS    |
| Band2 | 3MHz      | 18615      | QPSK    | 6       | 0        | Low     | 18.42       | PASS    |
| Band2 | 3MHz      | 18900      | QPSK    | 1       | 0        | Low     | 20.59       | PASS    |
| Band2 | 3MHz      | 18900      | QPSK    | 1       | 5        | Low     | 20.46       | PASS    |
| Band2 | 3MHz      | 18900      | QPSK    | 6       | 0        | Low     | 18.37       | PASS    |
| Band2 | 3MHz      | 19185      | QPSK    | 1       | 0        | High    | 20.61       | PASS    |
| Band2 | 3MHz      | 19185      | QPSK    | 1       | 5        | High    | 20.60       | PASS    |
| Band2 | 3MHz      | 19185      | QPSK    | 6       | 0        | High    | 18.36       | PASS    |
| Band2 | 3MHz      | 18615      | 16QAM   | 1       | 0        | Low     | 19.57       | PASS    |
| Band2 | 3MHz      | 18615      | 16QAM   | 1       | 5        | Low     | 19.44       | PASS    |
| Band2 | 3MHz      | 18615      | 16QAM   | 6       | 0        | Low     | 18.44       | PASS    |
| Band2 | 3MHz      | 18900      | 16QAM   | 1       | 0        | Low     | 19.58       | PASS    |





|       |       |       |       |   |   |      |       |      |
|-------|-------|-------|-------|---|---|------|-------|------|
| Band2 | 3MHz  | 18900 | 16QAM | 1 | 5 | Low  | 19.32 | PASS |
| Band2 | 3MHz  | 18900 | 16QAM | 6 | 0 | Low  | 18.48 | PASS |
| Band2 | 3MHz  | 19185 | 16QAM | 1 | 0 | High | 19.62 | PASS |
| Band2 | 3MHz  | 19185 | 16QAM | 1 | 5 | High | 19.52 | PASS |
| Band2 | 3MHz  | 19185 | 16QAM | 6 | 0 | High | 18.45 | PASS |
| Band2 | 5MHz  | 18625 | QPSK  | 1 | 0 | Low  | 20.63 | PASS |
| Band2 | 5MHz  | 18625 | QPSK  | 1 | 5 | Low  | 20.71 | PASS |
| Band2 | 5MHz  | 18625 | QPSK  | 6 | 0 | Low  | 19.34 | PASS |
| Band2 | 5MHz  | 18900 | QPSK  | 1 | 0 | Low  | 20.56 | PASS |
| Band2 | 5MHz  | 18900 | QPSK  | 1 | 5 | Low  | 20.61 | PASS |
| Band2 | 5MHz  | 18900 | QPSK  | 6 | 0 | Low  | 19.34 | PASS |
| Band2 | 5MHz  | 19175 | QPSK  | 1 | 0 | High | 20.60 | PASS |
| Band2 | 5MHz  | 19175 | QPSK  | 1 | 5 | High | 20.76 | PASS |
| Band2 | 5MHz  | 19175 | QPSK  | 6 | 0 | High | 19.36 | PASS |
| Band2 | 5MHz  | 18625 | 16QAM | 1 | 0 | Low  | 20.84 | PASS |
| Band2 | 5MHz  | 18625 | 16QAM | 1 | 5 | Low  | 20.70 | PASS |
| Band2 | 5MHz  | 18625 | 16QAM | 6 | 0 | Low  | 19.34 | PASS |
| Band2 | 5MHz  | 18900 | 16QAM | 1 | 0 | Low  | 20.89 | PASS |
| Band2 | 5MHz  | 18900 | 16QAM | 1 | 5 | Low  | 20.77 | PASS |
| Band2 | 5MHz  | 18900 | 16QAM | 6 | 0 | Low  | 19.35 | PASS |
| Band2 | 5MHz  | 19175 | 16QAM | 1 | 0 | High | 20.94 | PASS |
| Band2 | 5MHz  | 19175 | 16QAM | 1 | 5 | High | 20.86 | PASS |
| Band2 | 5MHz  | 19175 | 16QAM | 6 | 0 | High | 19.37 | PASS |
| Band2 | 10MHz | 18650 | QPSK  | 1 | 0 | Low  | 20.94 | PASS |
| Band2 | 10MHz | 18650 | QPSK  | 1 | 5 | Low  | 20.87 | PASS |
| Band2 | 10MHz | 18650 | QPSK  | 6 | 0 | Low  | 19.53 | PASS |
| Band2 | 10MHz | 18900 | QPSK  | 1 | 0 | Low  | 20.94 | PASS |
| Band2 | 10MHz | 18900 | QPSK  | 1 | 5 | Low  | 20.68 | PASS |
| Band2 | 10MHz | 18900 | QPSK  | 6 | 0 | Low  | 19.40 | PASS |
| Band2 | 10MHz | 19150 | QPSK  | 1 | 0 | High | 20.67 | PASS |
| Band2 | 10MHz | 19150 | QPSK  | 1 | 5 | High | 20.76 | PASS |
| Band2 | 10MHz | 19150 | QPSK  | 6 | 0 | High | 19.33 | PASS |
| Band2 | 10MHz | 18650 | 16QAM | 1 | 0 | Low  | 21.05 | PASS |
| Band2 | 10MHz | 18650 | 16QAM | 1 | 5 | Low  | 20.93 | PASS |
| Band2 | 10MHz | 18650 | 16QAM | 6 | 0 | Low  | 19.44 | PASS |
| Band2 | 10MHz | 18900 | 16QAM | 1 | 0 | Low  | 20.93 | PASS |
| Band2 | 10MHz | 18900 | 16QAM | 1 | 5 | Low  | 20.76 | PASS |
| Band2 | 10MHz | 18900 | 16QAM | 6 | 0 | Low  | 19.34 | PASS |
| Band2 | 10MHz | 19150 | 16QAM | 1 | 0 | High | 20.98 | PASS |
| Band2 | 10MHz | 19150 | 16QAM | 1 | 5 | High | 20.79 | PASS |



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|-------|-------|-------|-------|---|---|------|-------|------|
| Band2 | 10MHz | 19150 | 16QAM | 6 | 0 | High | 19.34 | PASS |
| Band2 | 15MHz | 18675 | QPSK  | 1 | 0 | Low  | 20.65 | PASS |
| Band2 | 15MHz | 18675 | QPSK  | 1 | 5 | Low  | 20.69 | PASS |
| Band2 | 15MHz | 18675 | QPSK  | 6 | 0 | Low  | 20.56 | PASS |
| Band2 | 15MHz | 18900 | QPSK  | 1 | 0 | Low  | 20.45 | PASS |
| Band2 | 15MHz | 18900 | QPSK  | 1 | 5 | Low  | 20.66 | PASS |
| Band2 | 15MHz | 18900 | QPSK  | 6 | 0 | Low  | 20.49 | PASS |
| Band2 | 15MHz | 19125 | QPSK  | 1 | 0 | High | 20.71 | PASS |
| Band2 | 15MHz | 19125 | QPSK  | 1 | 5 | High | 20.71 | PASS |
| Band2 | 15MHz | 19125 | QPSK  | 6 | 0 | High | 20.54 | PASS |
| Band2 | 15MHz | 18675 | 16QAM | 1 | 0 | Low  | 20.95 | PASS |
| Band2 | 15MHz | 18675 | 16QAM | 1 | 5 | Low  | 20.80 | PASS |
| Band2 | 15MHz | 18675 | 16QAM | 6 | 0 | Low  | 20.51 | PASS |
| Band2 | 15MHz | 18900 | 16QAM | 1 | 0 | Low  | 20.86 | PASS |
| Band2 | 15MHz | 18900 | 16QAM | 1 | 5 | Low  | 20.78 | PASS |
| Band2 | 15MHz | 18900 | 16QAM | 6 | 0 | Low  | 20.49 | PASS |
| Band2 | 15MHz | 19125 | 16QAM | 1 | 0 | High | 20.93 | PASS |
| Band2 | 15MHz | 19125 | 16QAM | 1 | 5 | High | 20.86 | PASS |
| Band2 | 15MHz | 19125 | 16QAM | 6 | 0 | High | 20.53 | PASS |
| Band2 | 20MHz | 18700 | QPSK  | 1 | 0 | Low  | 21.02 | PASS |
| Band2 | 20MHz | 18700 | QPSK  | 1 | 5 | Low  | 20.93 | PASS |
| Band2 | 20MHz | 18700 | QPSK  | 6 | 0 | Low  | 20.62 | PASS |
| Band2 | 20MHz | 18900 | QPSK  | 1 | 0 | Low  | 20.65 | PASS |
| Band2 | 20MHz | 18900 | QPSK  | 1 | 5 | Low  | 20.71 | PASS |
| Band2 | 20MHz | 18900 | QPSK  | 6 | 0 | Low  | 20.47 | PASS |
| Band2 | 20MHz | 19100 | QPSK  | 1 | 0 | High | 20.61 | PASS |
| Band2 | 20MHz | 19100 | QPSK  | 1 | 5 | High | 20.75 | PASS |
| Band2 | 20MHz | 19100 | QPSK  | 6 | 0 | High | 20.50 | PASS |
| Band2 | 20MHz | 18700 | 16QAM | 1 | 0 | Low  | 21.08 | PASS |
| Band2 | 20MHz | 18700 | 16QAM | 1 | 5 | Low  | 20.93 | PASS |
| Band2 | 20MHz | 18700 | 16QAM | 6 | 0 | Low  | 20.61 | PASS |
| Band2 | 20MHz | 18900 | 16QAM | 1 | 0 | Low  | 20.90 | PASS |
| Band2 | 20MHz | 18900 | 16QAM | 1 | 5 | Low  | 20.80 | PASS |
| Band2 | 20MHz | 18900 | 16QAM | 6 | 0 | Low  | 20.49 | PASS |
| Band2 | 20MHz | 19100 | 16QAM | 1 | 0 | High | 21.04 | PASS |
| Band2 | 20MHz | 19100 | 16QAM | 1 | 5 | High | 20.90 | PASS |
| Band2 | 20MHz | 19100 | 16QAM | 6 | 0 | High | 20.49 | PASS |



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## F.2 Peak-to-Average Ratio(CCDF) for M1

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Size | RB Start | NBIndex | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|---------|----------|---------|------------|-----------|---------|
| Band2 | 1.4MHz    | 18607      | QPSK    | 6       | 0        | Low     | 10.92      | <=13      | PASS    |
| Band2 | 1.4MHz    | 18900      | QPSK    | 6       | 0        | Low     | 10.63      | <=13      | PASS    |
| Band2 | 1.4MHz    | 19193      | QPSK    | 6       | 0        | High    | 9.18       | <=13      | PASS    |
| Band2 | 1.4MHz    | 18607      | 16QAM   | 6       | 0        | Low     | 10.38      | <=13      | PASS    |
| Band2 | 1.4MHz    | 18900      | 16QAM   | 6       | 0        | Low     | 10.39      | <=13      | PASS    |
| Band2 | 1.4MHz    | 19193      | 16QAM   | 6       | 0        | High    | 9.69       | <=13      | PASS    |
| Band2 | 3MHz      | 18615      | QPSK    | 6       | 0        | Low     | 9.22       | <=13      | PASS    |
| Band2 | 3MHz      | 18900      | QPSK    | 6       | 0        | Low     | 9.87       | <=13      | PASS    |
| Band2 | 3MHz      | 19185      | QPSK    | 6       | 0        | High    | 8.55       | <=13      | PASS    |
| Band2 | 3MHz      | 18615      | 16QAM   | 6       | 0        | Low     | 9.08       | <=13      | PASS    |
| Band2 | 3MHz      | 18900      | 16QAM   | 6       | 0        | Low     | 9.30       | <=13      | PASS    |
| Band2 | 3MHz      | 19185      | 16QAM   | 6       | 0        | High    | 9.97       | <=13      | PASS    |
| Band2 | 5MHz      | 18625      | QPSK    | 6       | 0        | Low     | 9.95       | <=13      | PASS    |
| Band2 | 5MHz      | 18900      | QPSK    | 6       | 0        | Low     | 11.79      | <=13      | PASS    |
| Band2 | 5MHz      | 19175      | QPSK    | 6       | 0        | High    | 8.38       | <=13      | PASS    |
| Band2 | 5MHz      | 18625      | 16QAM   | 6       | 0        | Low     | 9.82       | <=13      | PASS    |
| Band2 | 5MHz      | 18900      | 16QAM   | 6       | 0        | Low     | 7.53       | <=13      | PASS    |
| Band2 | 5MHz      | 19175      | 16QAM   | 6       | 0        | High    | 9.83       | <=13      | PASS    |
| Band2 | 10MHz     | 18650      | QPSK    | 6       | 0        | Low     | 10.43      | <=13      | PASS    |
| Band2 | 10MHz     | 18900      | QPSK    | 6       | 0        | Low     | 8.73       | <=13      | PASS    |
| Band2 | 10MHz     | 19150      | QPSK    | 6       | 0        | High    | 8.75       | <=13      | PASS    |
| Band2 | 10MHz     | 18650      | 16QAM   | 6       | 0        | Low     | 9.84       | <=13      | PASS    |
| Band2 | 10MHz     | 18900      | 16QAM   | 6       | 0        | Low     | 10.08      | <=13      | PASS    |
| Band2 | 10MHz     | 19150      | 16QAM   | 6       | 0        | High    | 10.30      | <=13      | PASS    |
| Band2 | 15MHz     | 18675      | QPSK    | 6       | 0        | Low     | 10.85      | <=13      | PASS    |
| Band2 | 15MHz     | 18900      | QPSK    | 6       | 0        | Low     | 8.24       | <=13      | PASS    |
| Band2 | 15MHz     | 19125      | QPSK    | 6       | 0        | High    | 9.47       | <=13      | PASS    |
| Band2 | 15MHz     | 18675      | 16QAM   | 6       | 0        | Low     | 8.94       | <=13      | PASS    |
| Band2 | 15MHz     | 18900      | 16QAM   | 6       | 0        | Low     | 9.62       | <=13      | PASS    |
| Band2 | 15MHz     | 19125      | 16QAM   | 6       | 0        | High    | 10.40      | <=13      | PASS    |
| Band2 | 20MHz     | 18700      | QPSK    | 6       | 0        | Low     | 8.68       | <=13      | PASS    |
| Band2 | 20MHz     | 18900      | QPSK    | 6       | 0        | Low     | 9.13       | <=13      | PASS    |



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Scan code to check authenticity



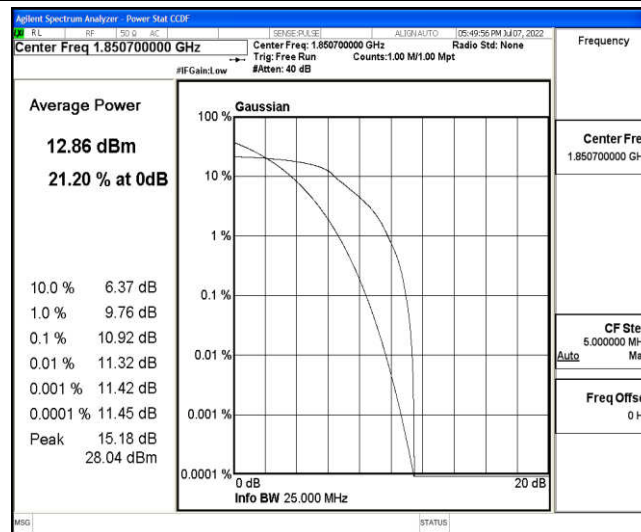
|       |       |       |       |   |   |      |      |      |      |
|-------|-------|-------|-------|---|---|------|------|------|------|
| Band2 | 20MHz | 19100 | QPSK  | 6 | 0 | High | 7.30 | <=13 | PASS |
| Band2 | 20MHz | 18700 | 16QAM | 6 | 0 | Low  | 9.69 | <=13 | PASS |
| Band2 | 20MHz | 18900 | 16QAM | 6 | 0 | Low  | 9.04 | <=13 | PASS |
| Band2 | 20MHz | 19100 | 16QAM | 6 | 0 | High | 9.88 | <=13 | PASS |



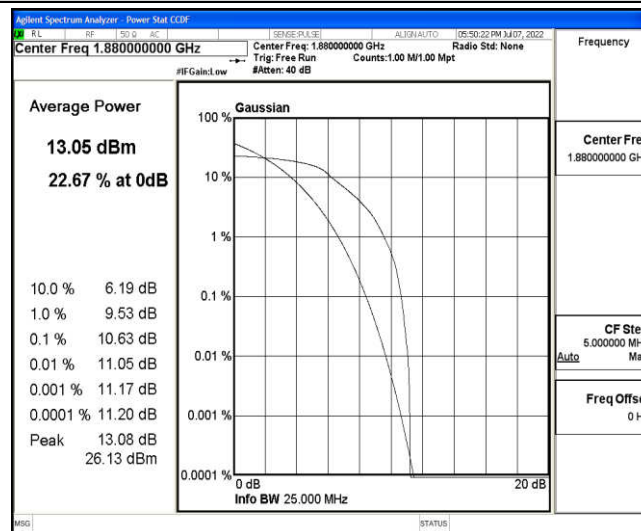
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## Test Graphs

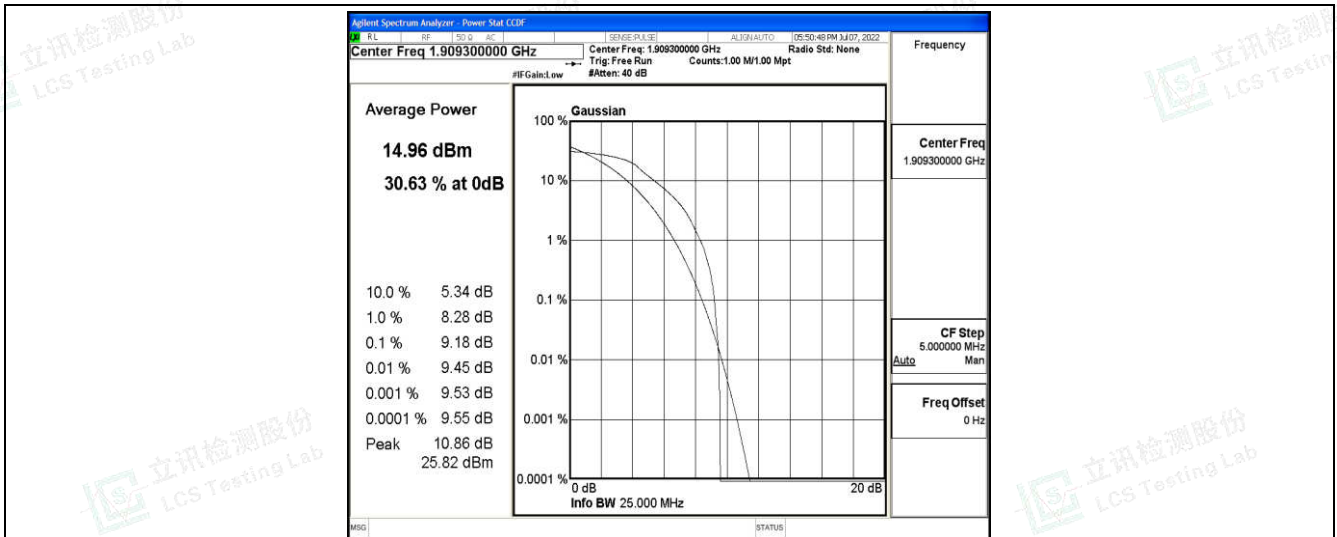


Band2-1.4MHz-QPSK-18607-6-0-Low-10.92-&lt;=13-PASS

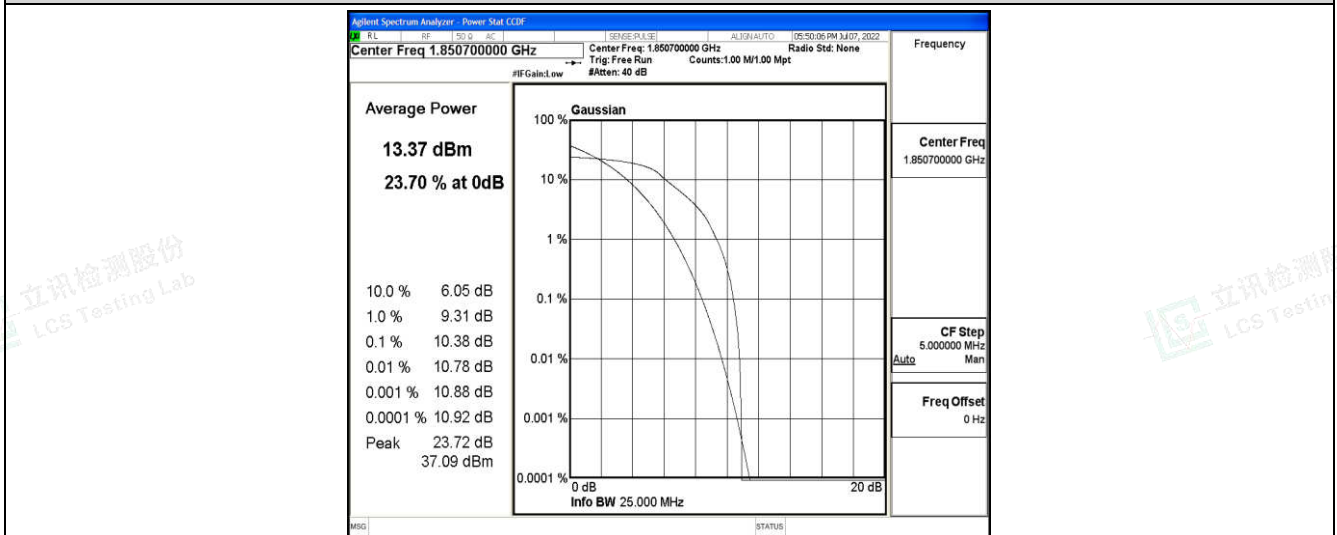


Band2-1.4MHz-QPSK-18900-6-0-Low-10.63-&lt;=13-PASS

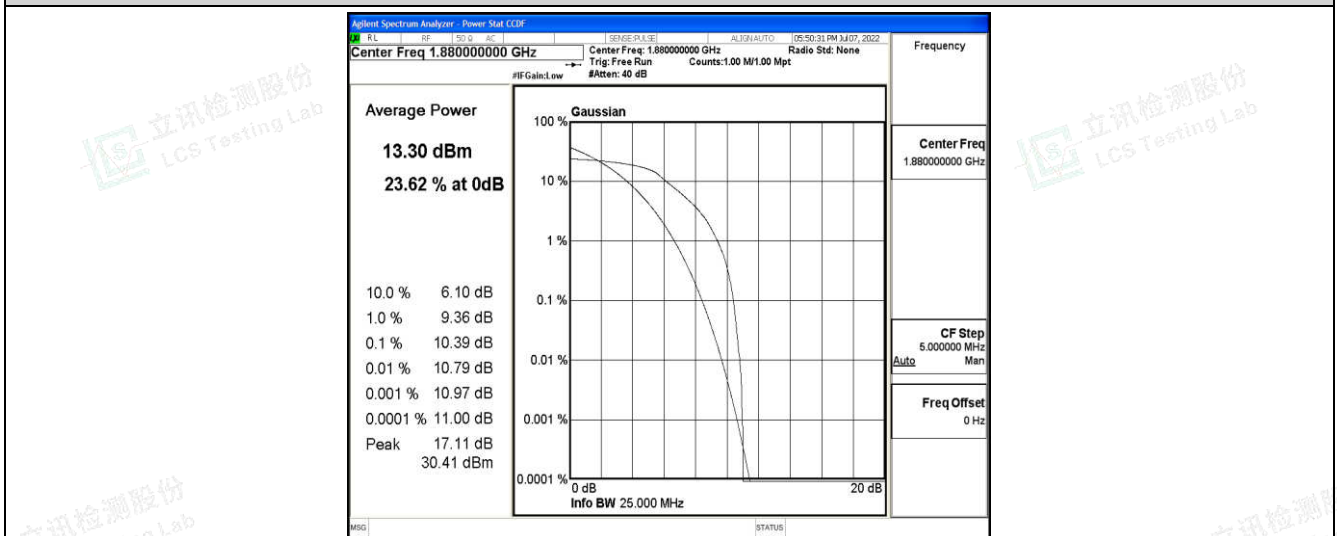




Band2-1.4MHz-QPSK-19193-6-0-High-9.18-&lt;=13-PASS



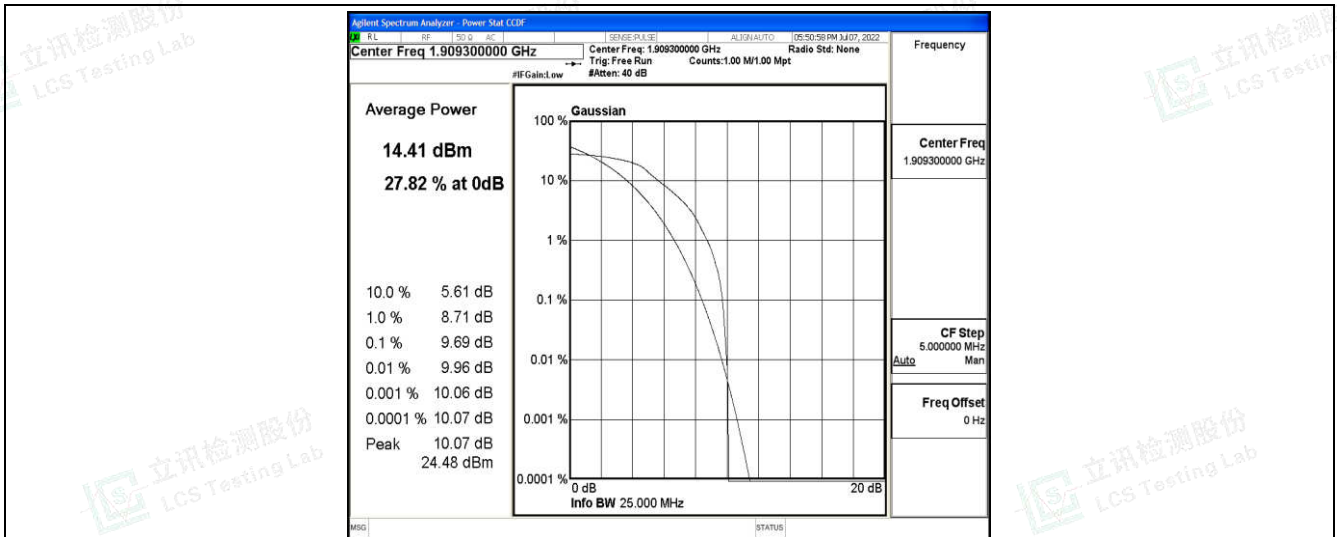
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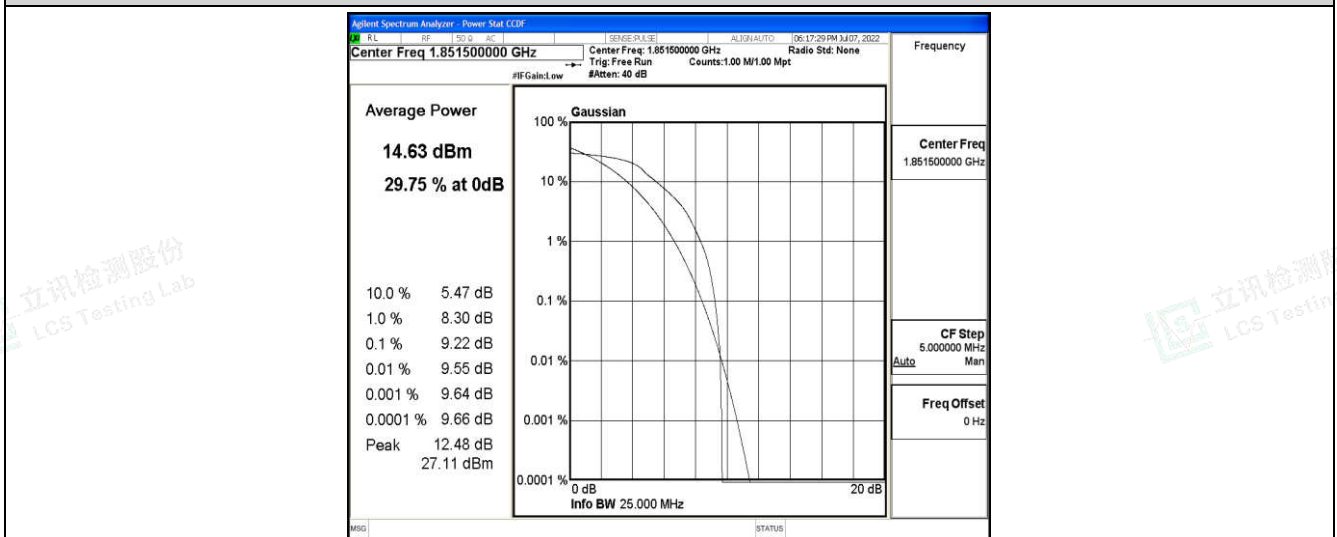
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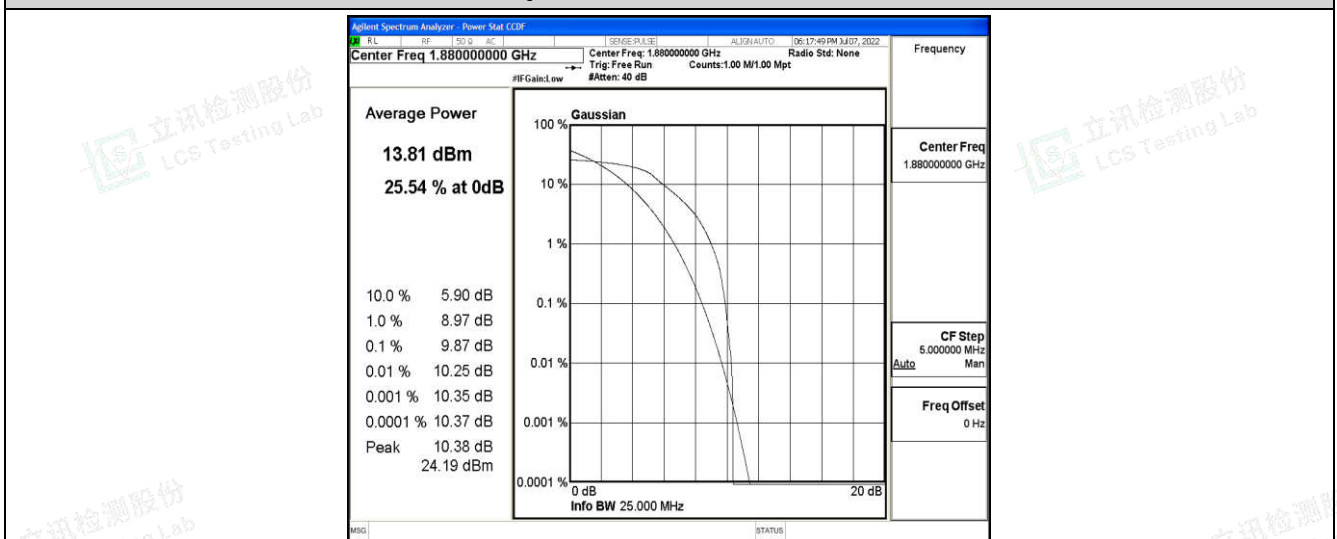
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Band2-1.4MHz-16QAM-19193-6-0-High-9.69-&lt;=13-PASS



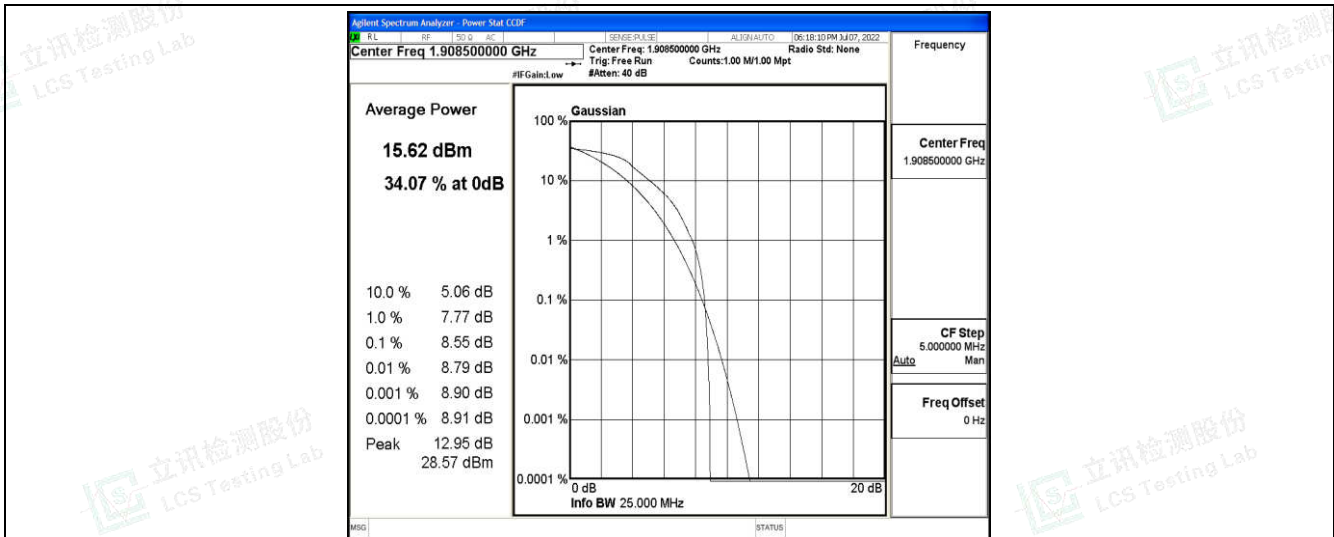
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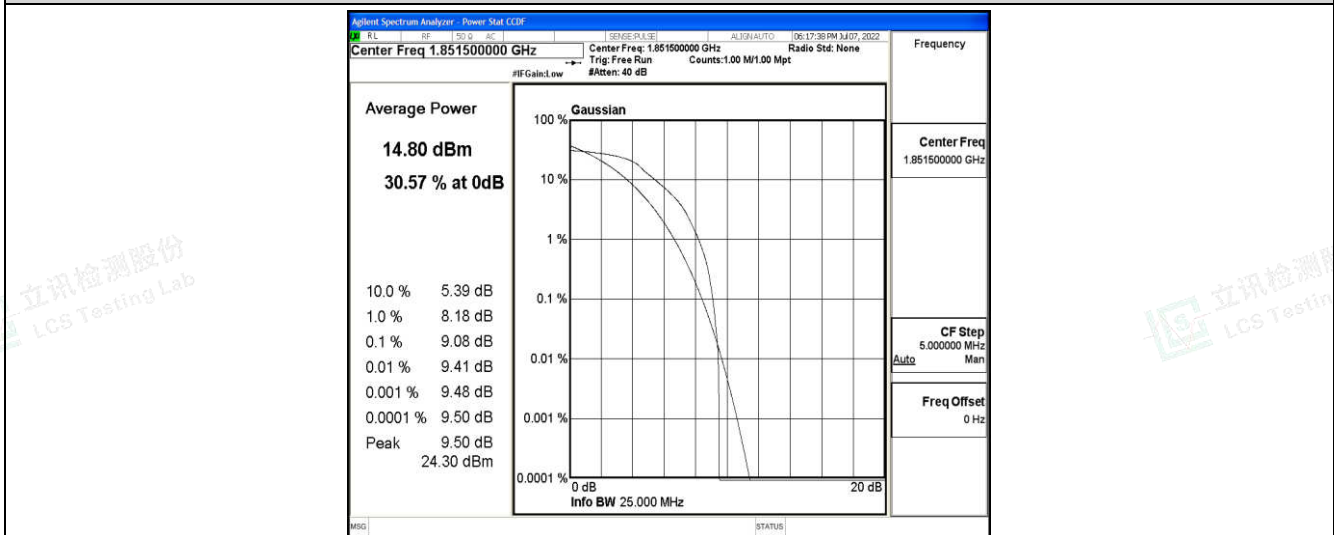
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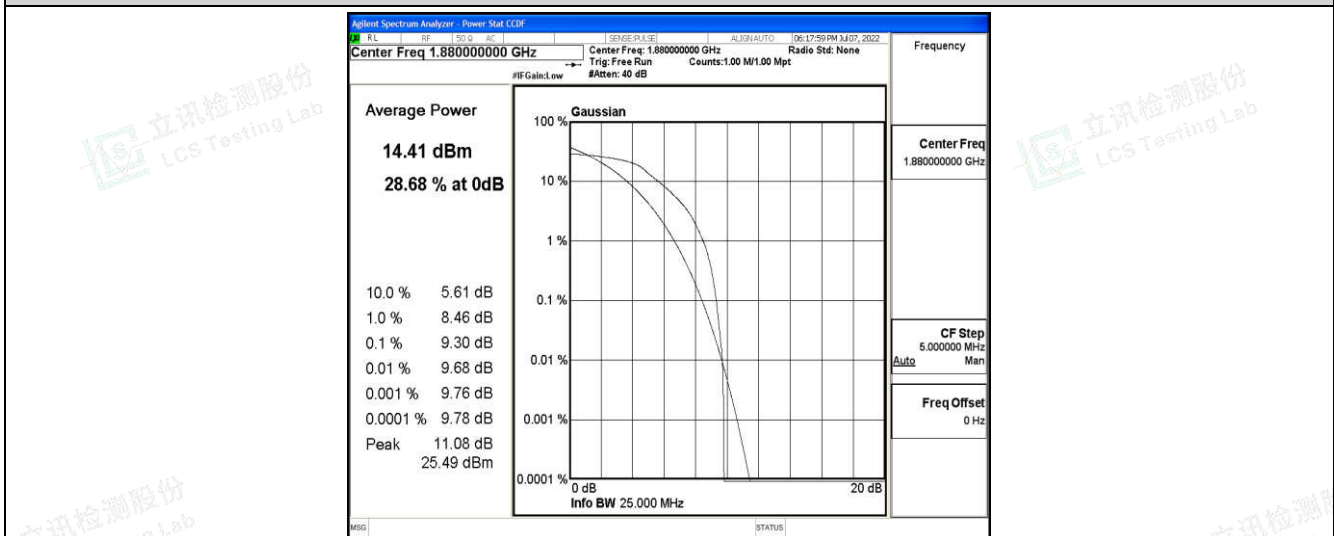
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## Band2-3MHz-QPSK-19185-6-0-High-8.55-&lt;=13-PASS

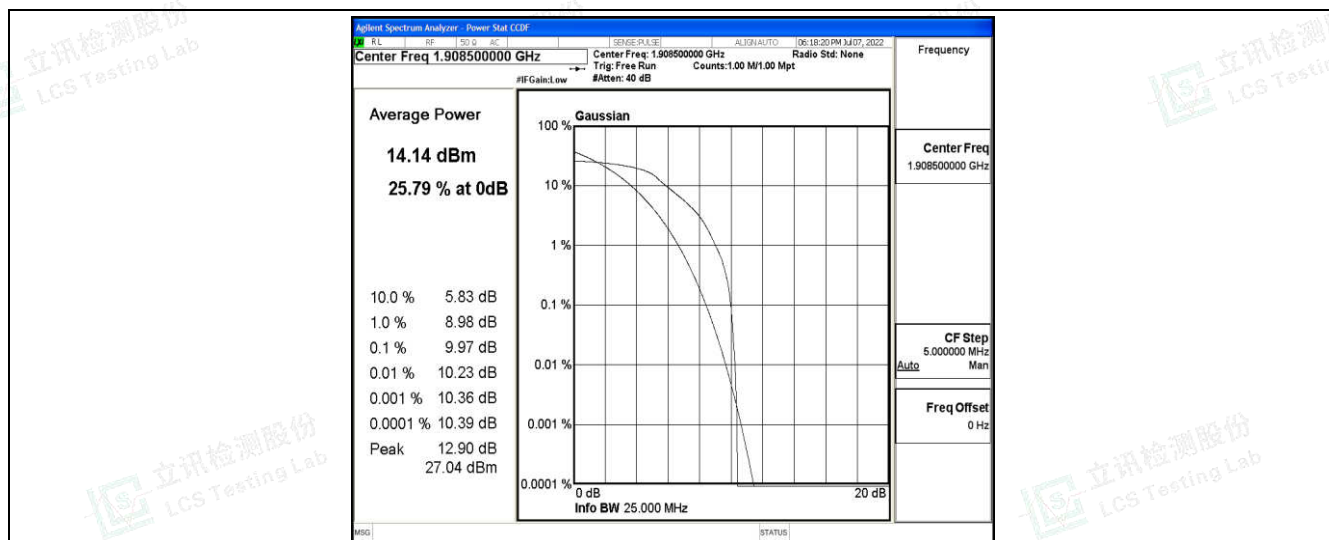


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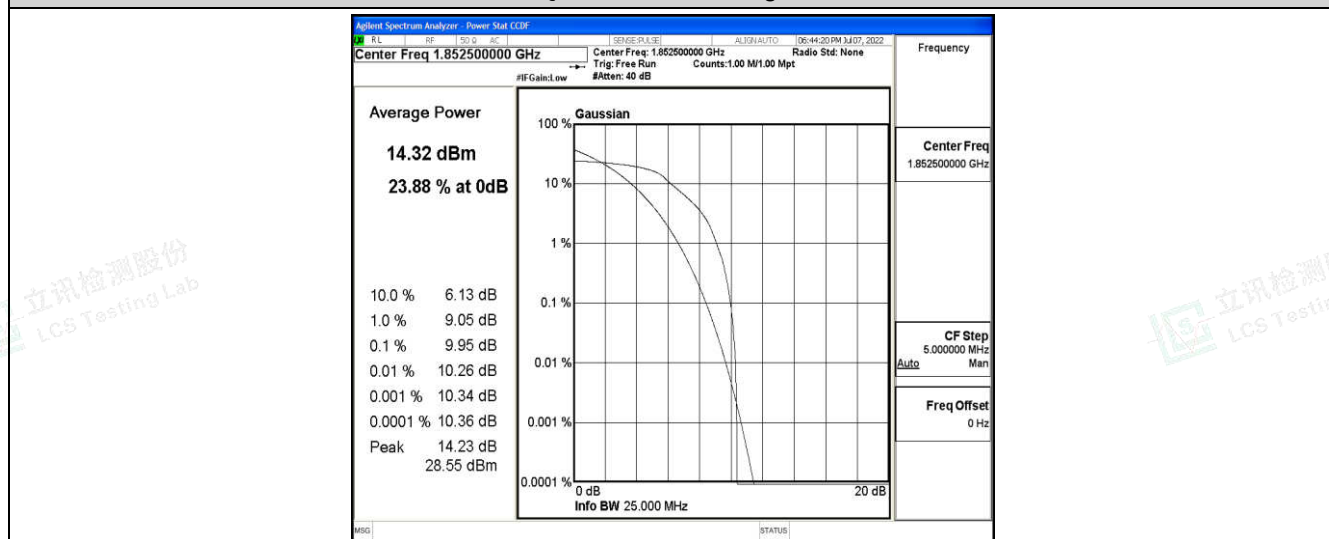


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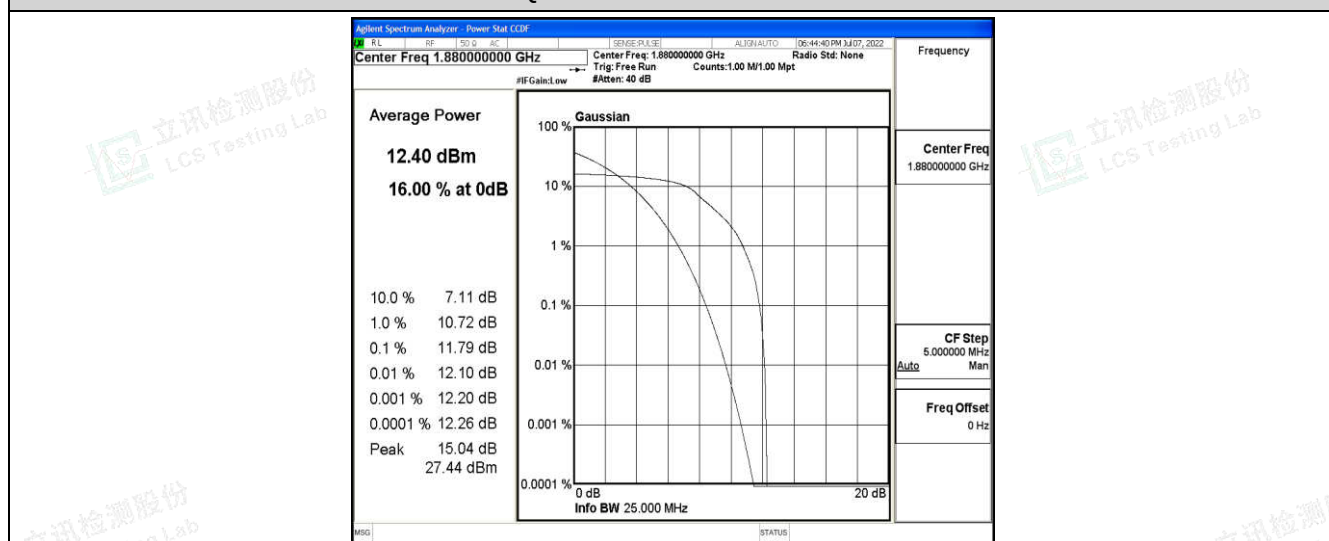




Band2-3MHz-16QAM-19185-6-0-High-9.97-&lt;=13-PASS

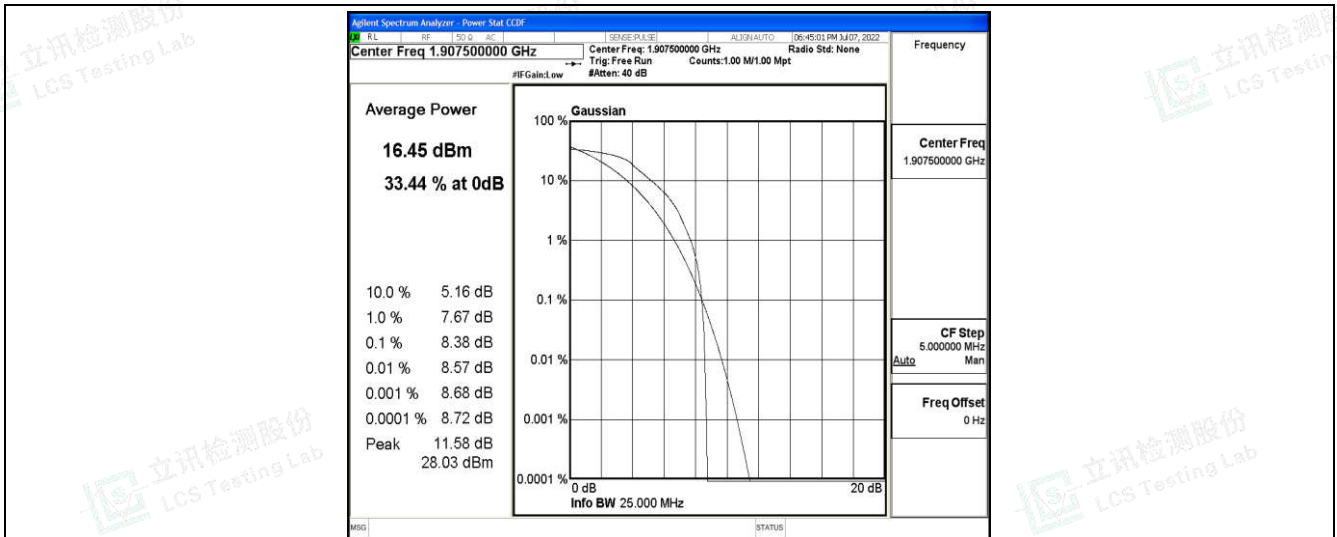


Band2-5MHz-QPSK-18625-6-0-Low-9.95-&lt;=13-PASS

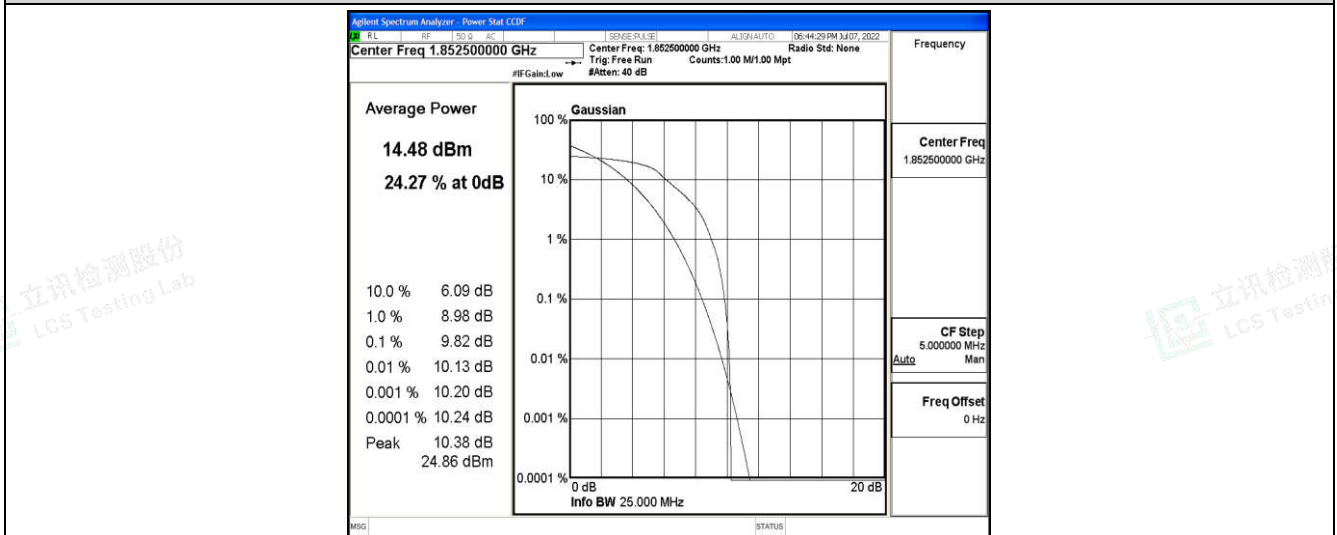


Band2-5MHz-QPSK-18900-6-0-Low-11.79-&lt;=13-PASS

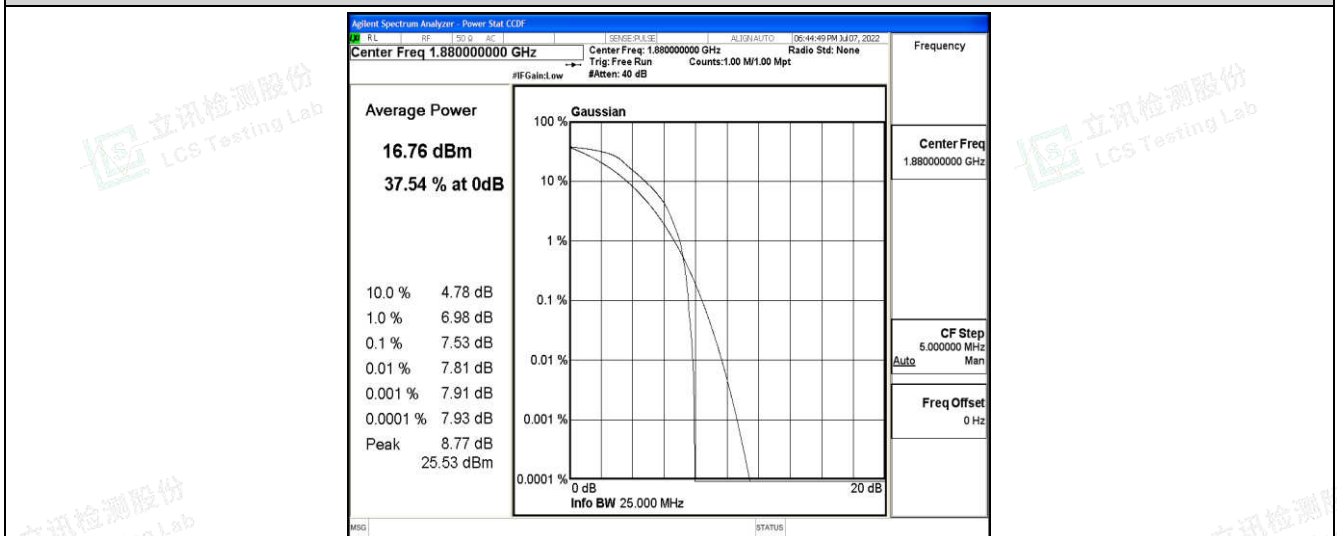




## Band2-5MHz-QPSK-19175-6-0-High-8.38-&lt;=13-PASS



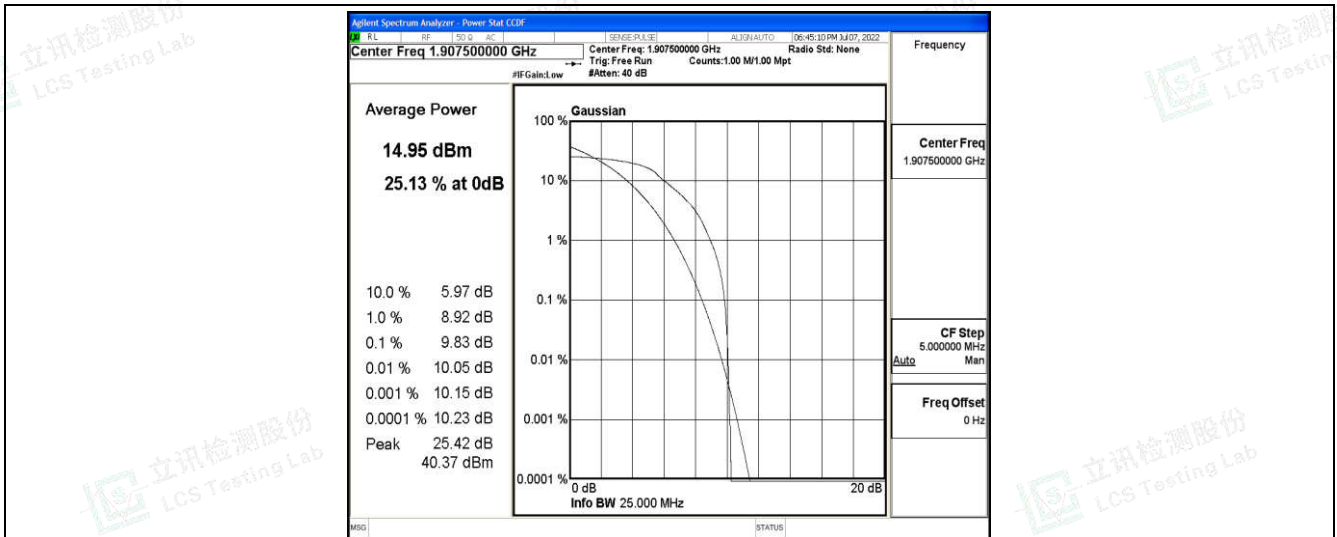
## Band2-5MHz-16QAM-18625-6-0-Low-9.82-&lt;=13-PASS



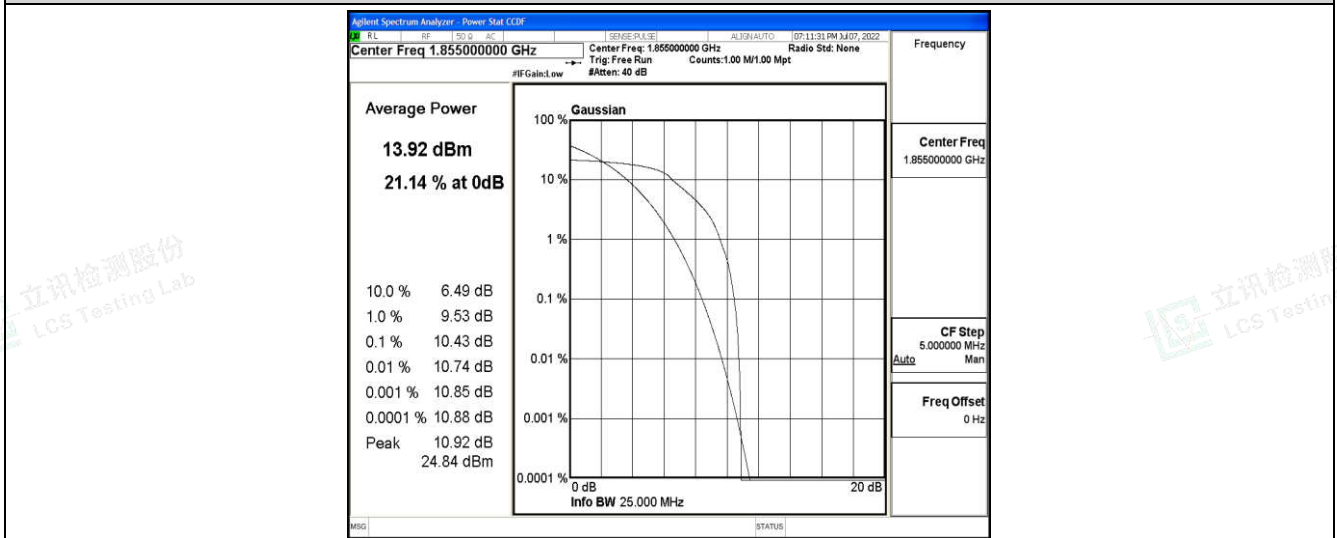
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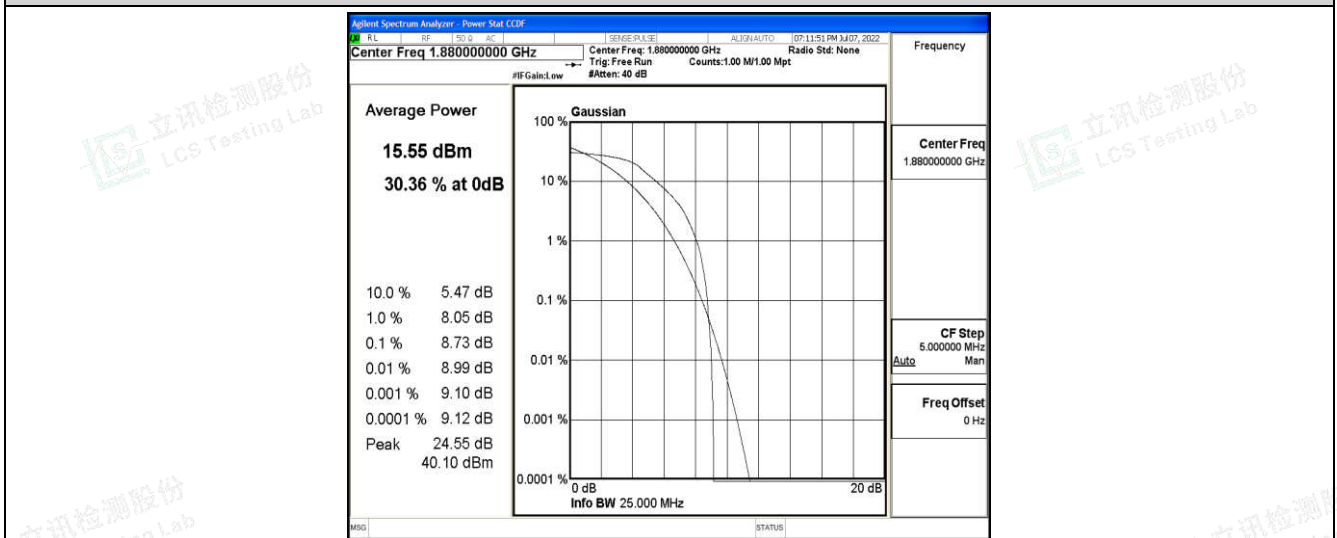
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Band2-5MHz-16QAM-19175-6-0-High-9.83-&lt;=13-PASS

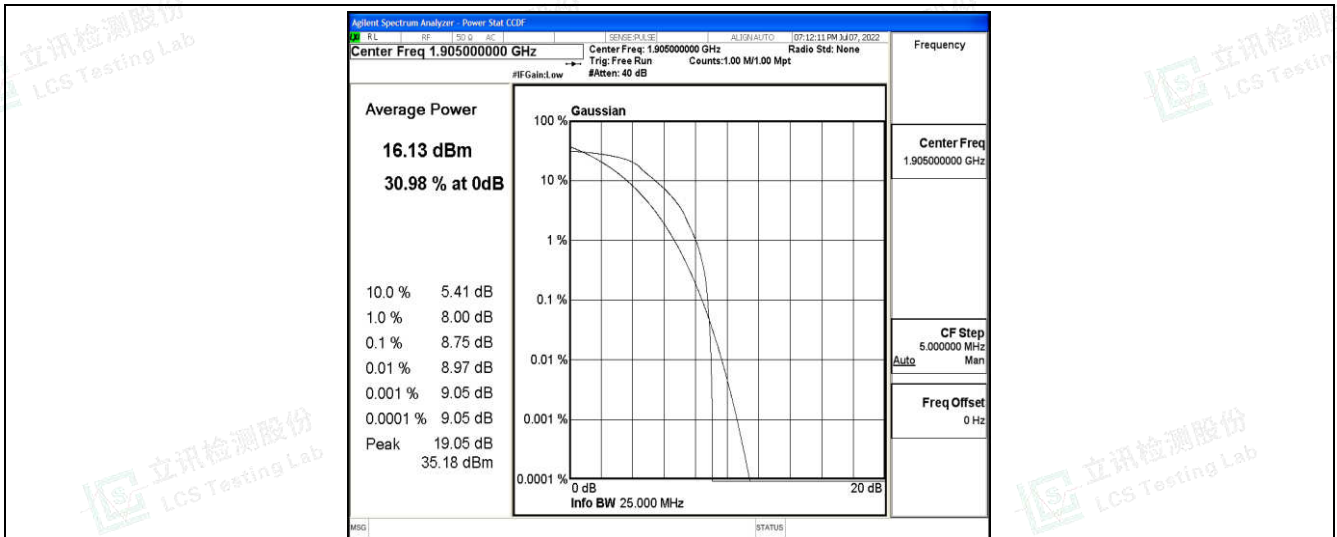


Band2-10MHz-QPSK-18650-6-0-Low-10.43-&lt;=13-PASS

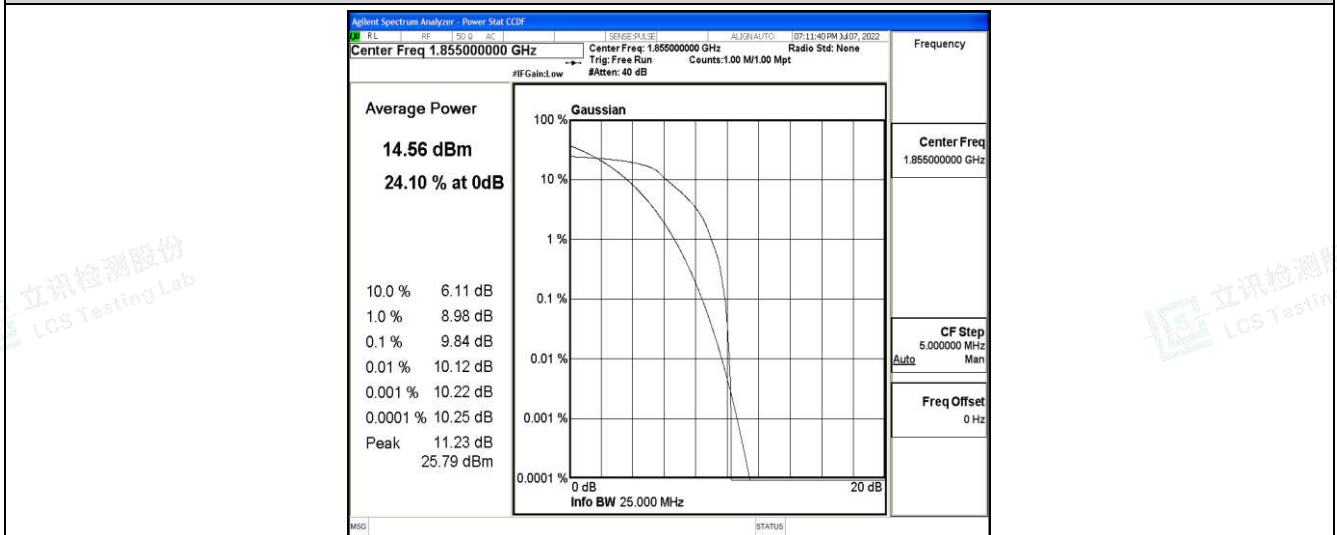


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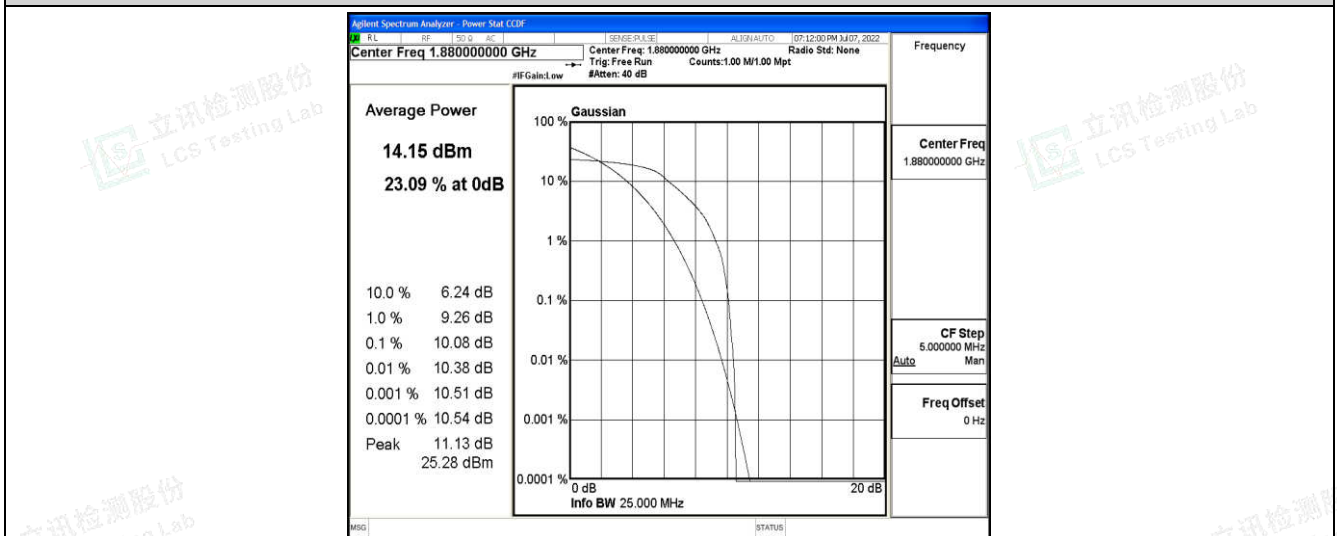




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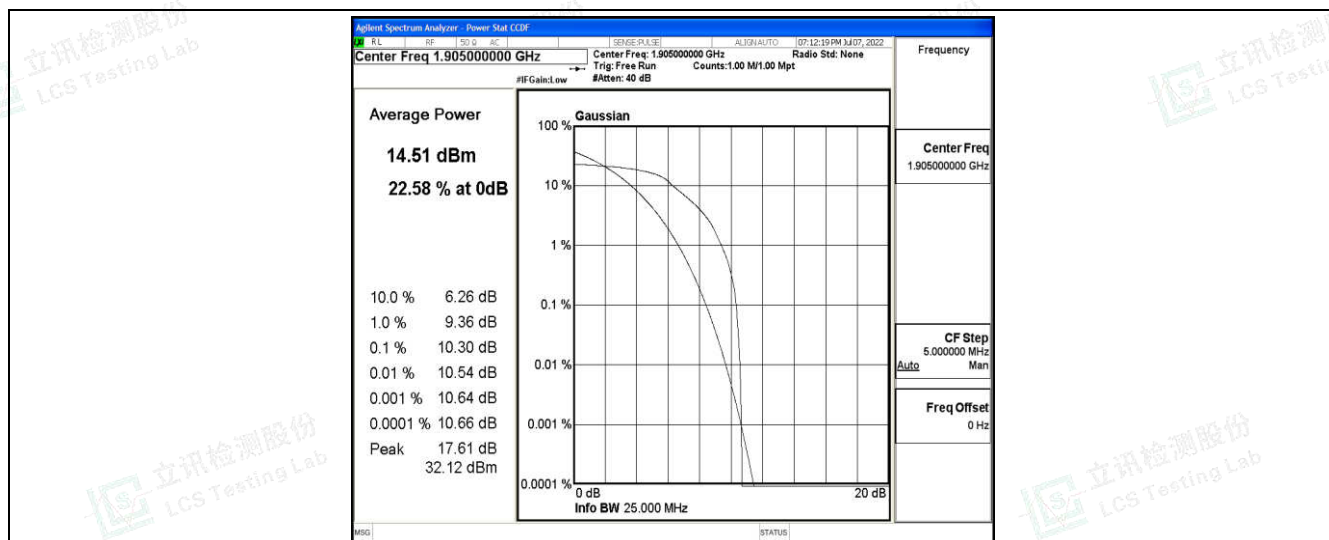


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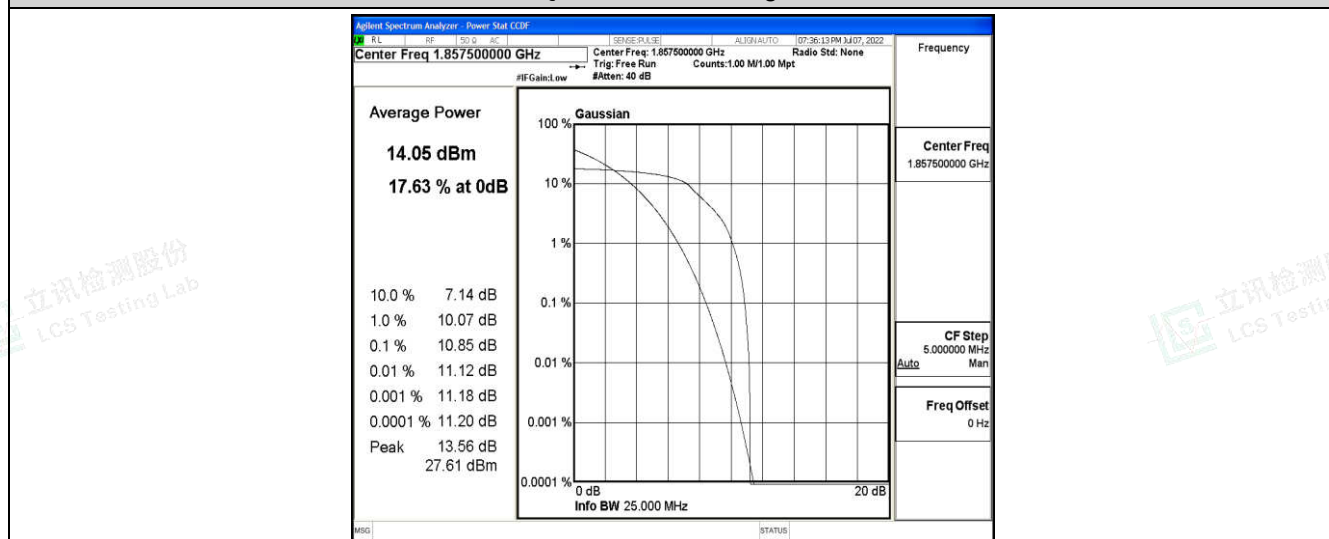


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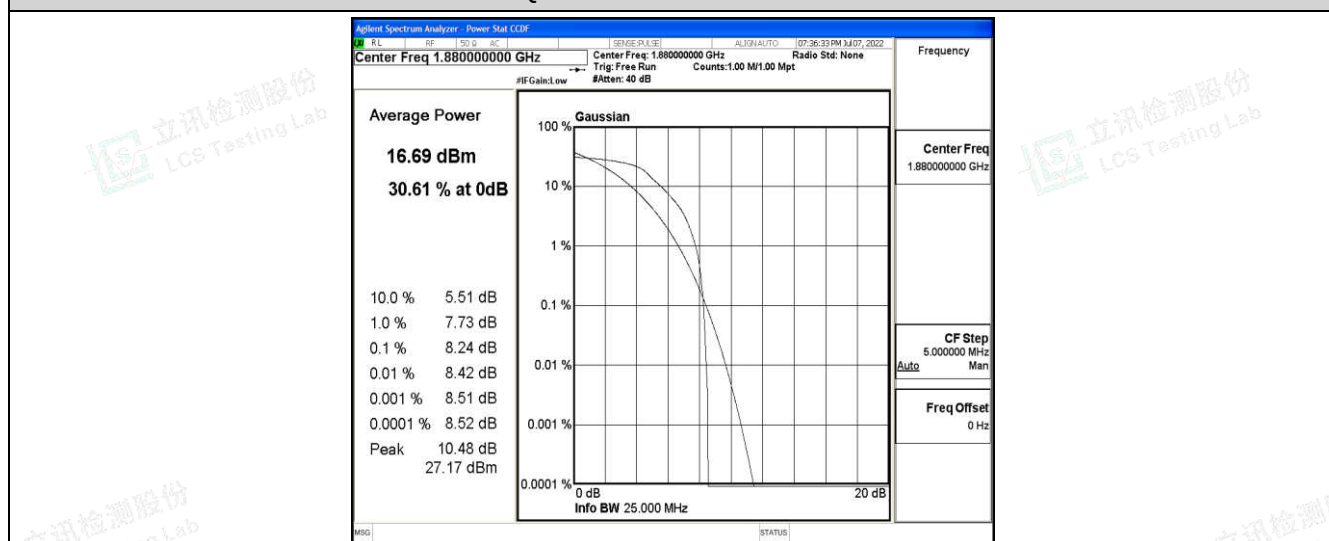




Band2-10MHz-16QAM-19150-6-0-High-10.30-&lt;=13-PASS

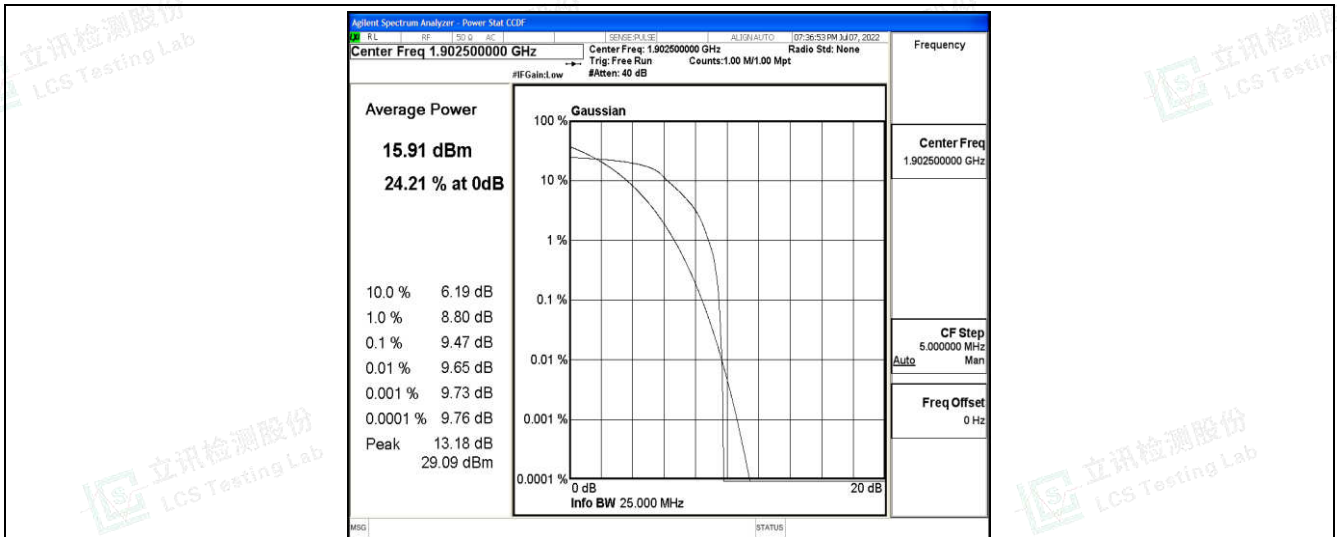


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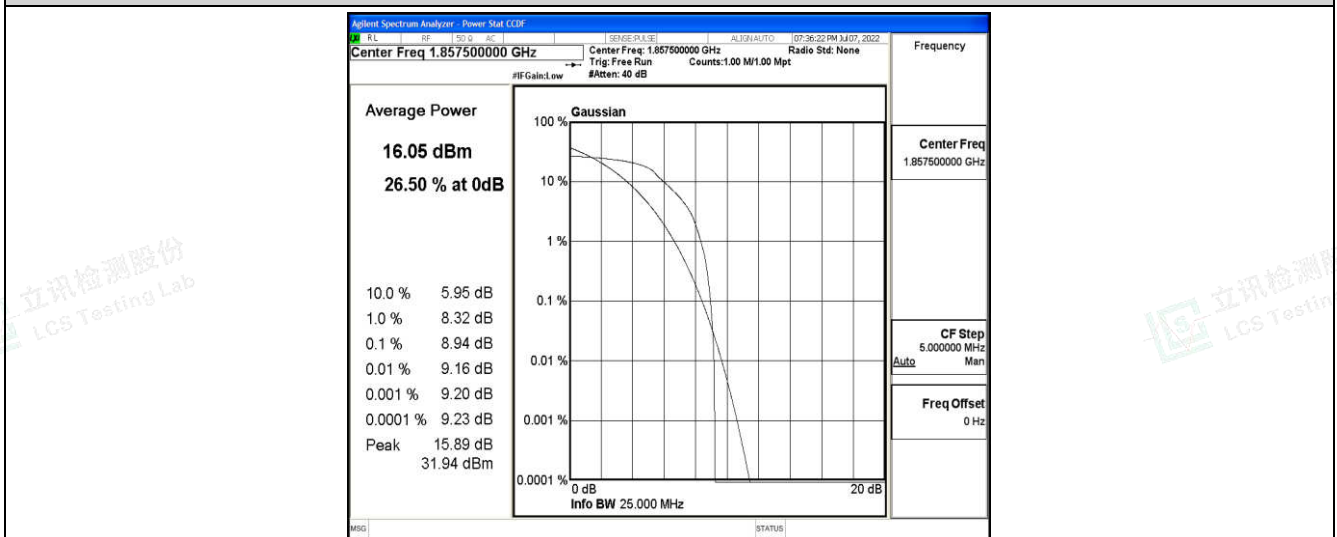


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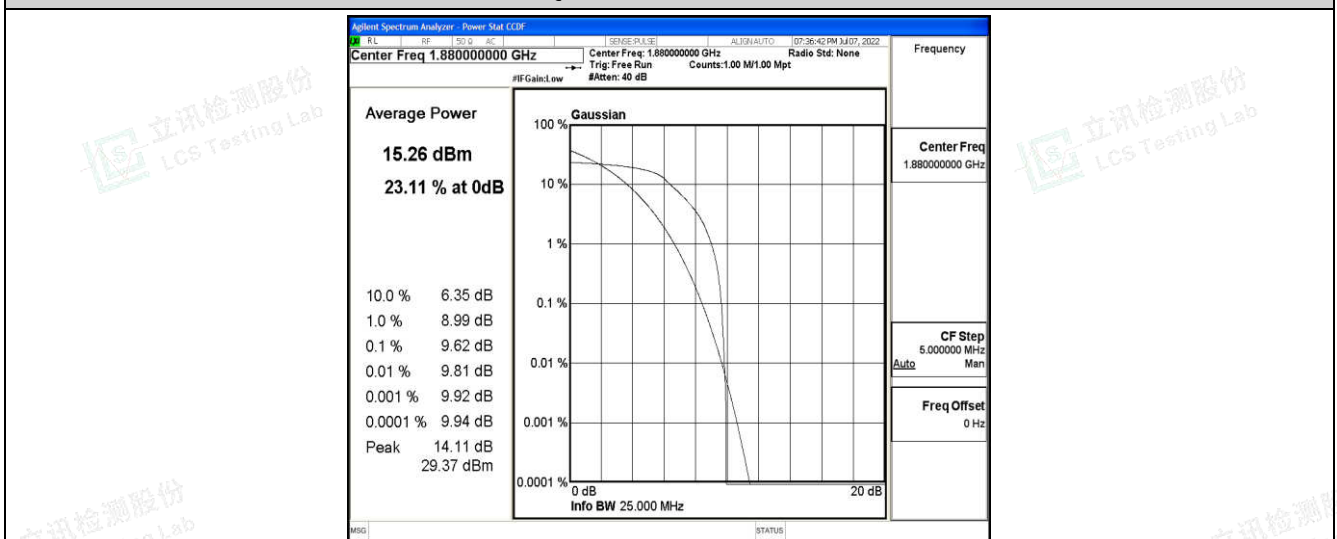




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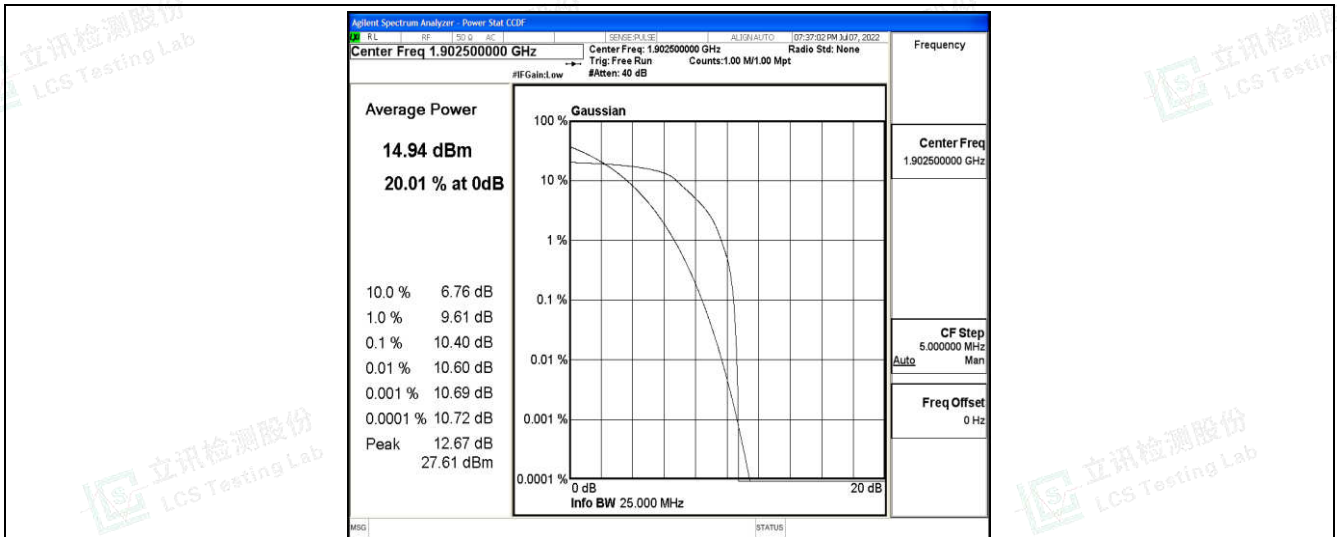


Band2-15MHz-16QAM-18675-6-0-Low-8.94-&lt;=13-PASS

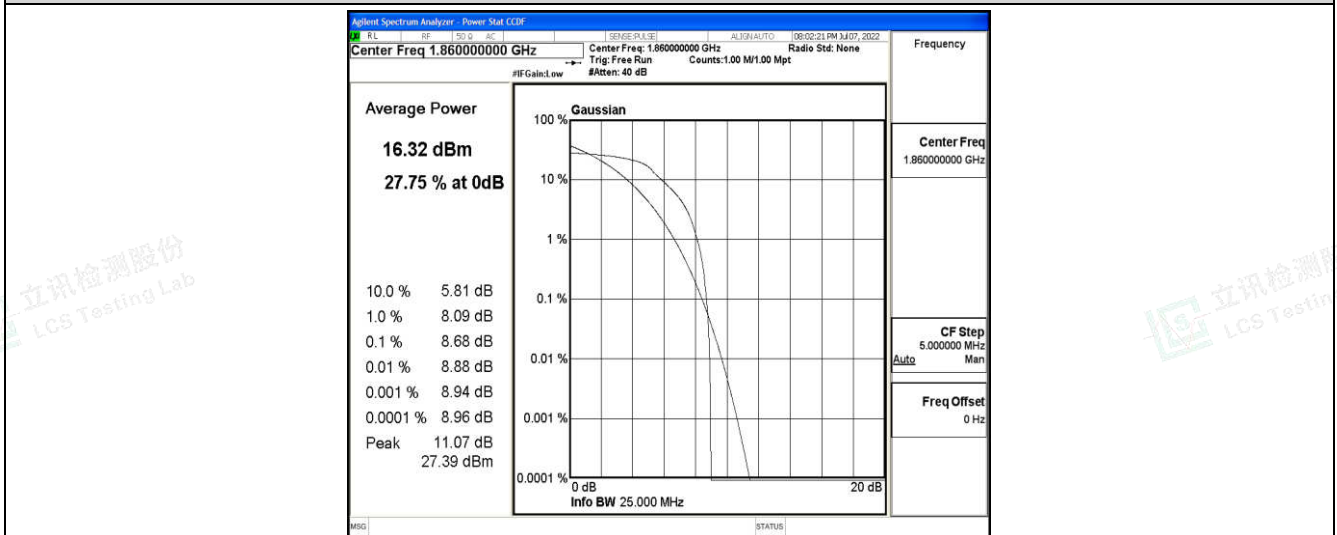


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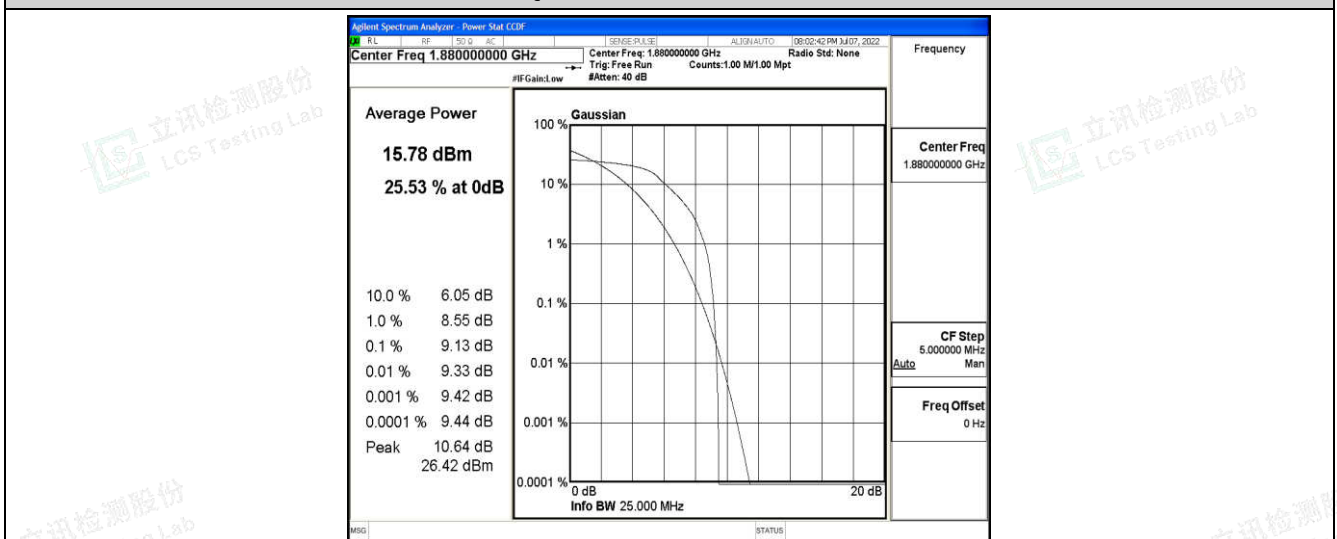




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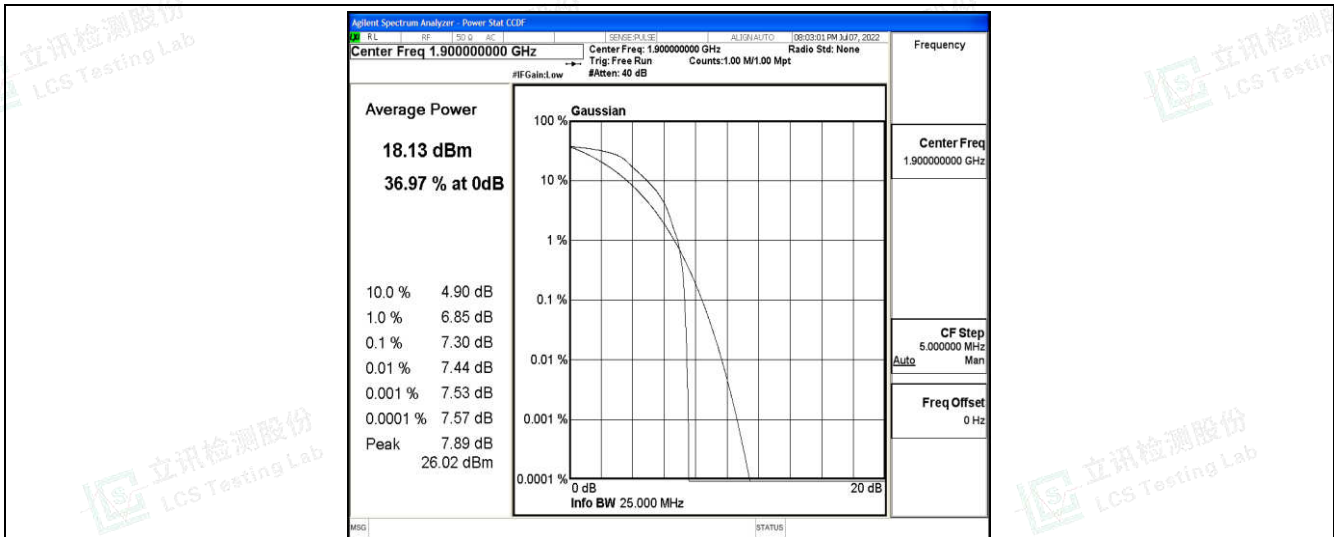


Band2-20MHz-QPSK-18700-6-0-Low-8.68-&lt;=13-PASS

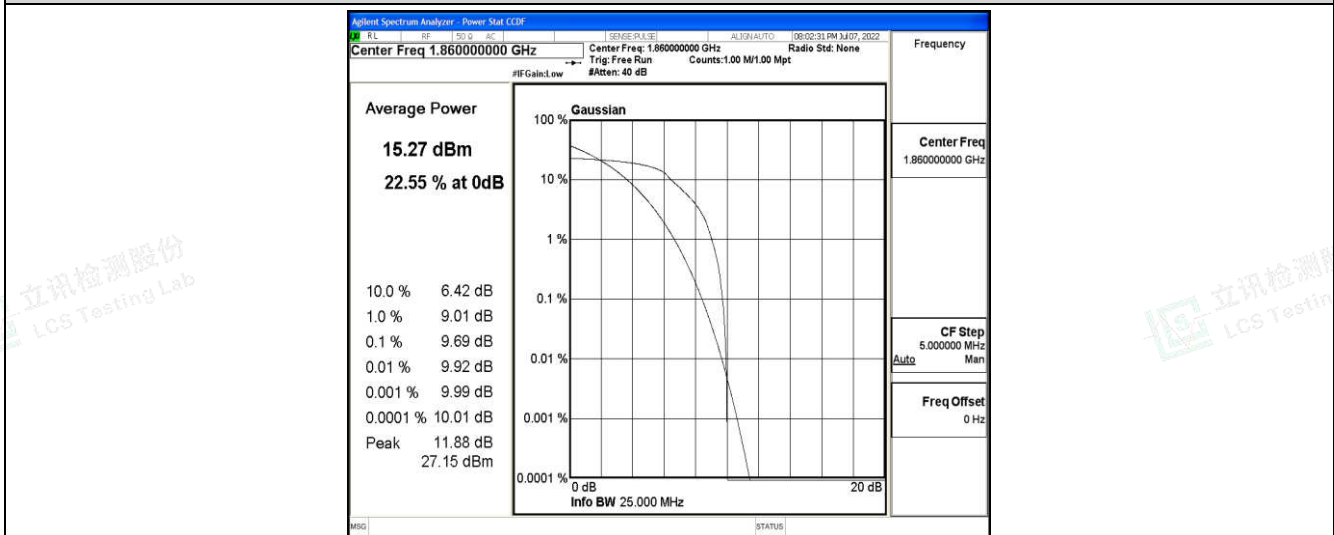


Band2-20MHz-QPSK-18900-6-0-Low-9.13-&lt;=13-PASS

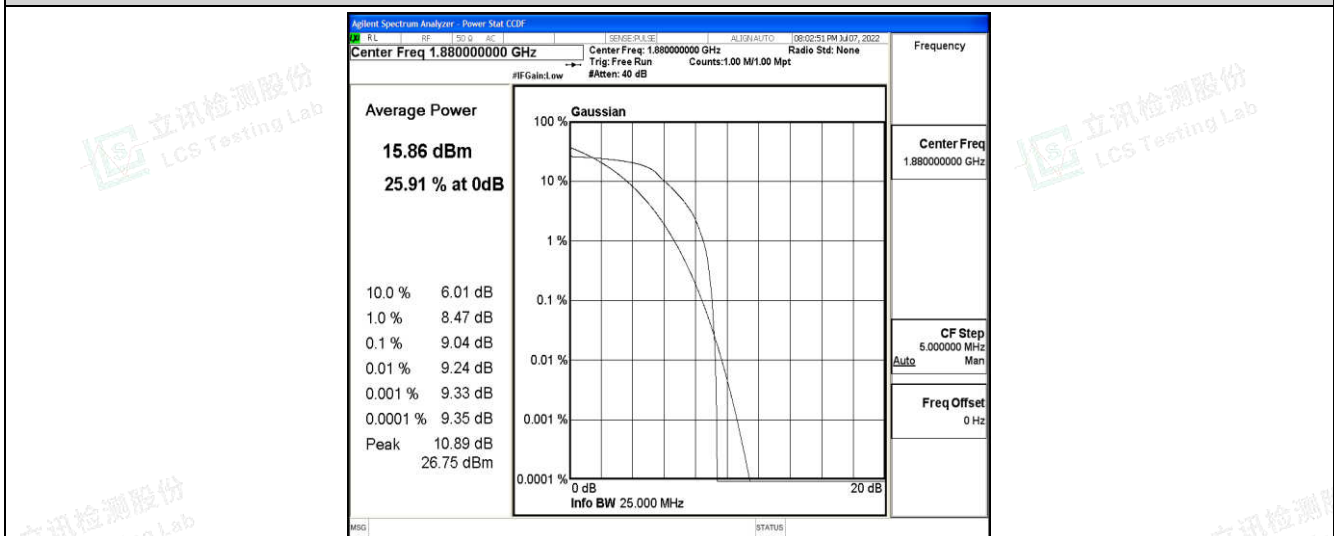




Band2-20MHz-QPSK-19100-6-0-High-7.30-&lt;=13-PASS

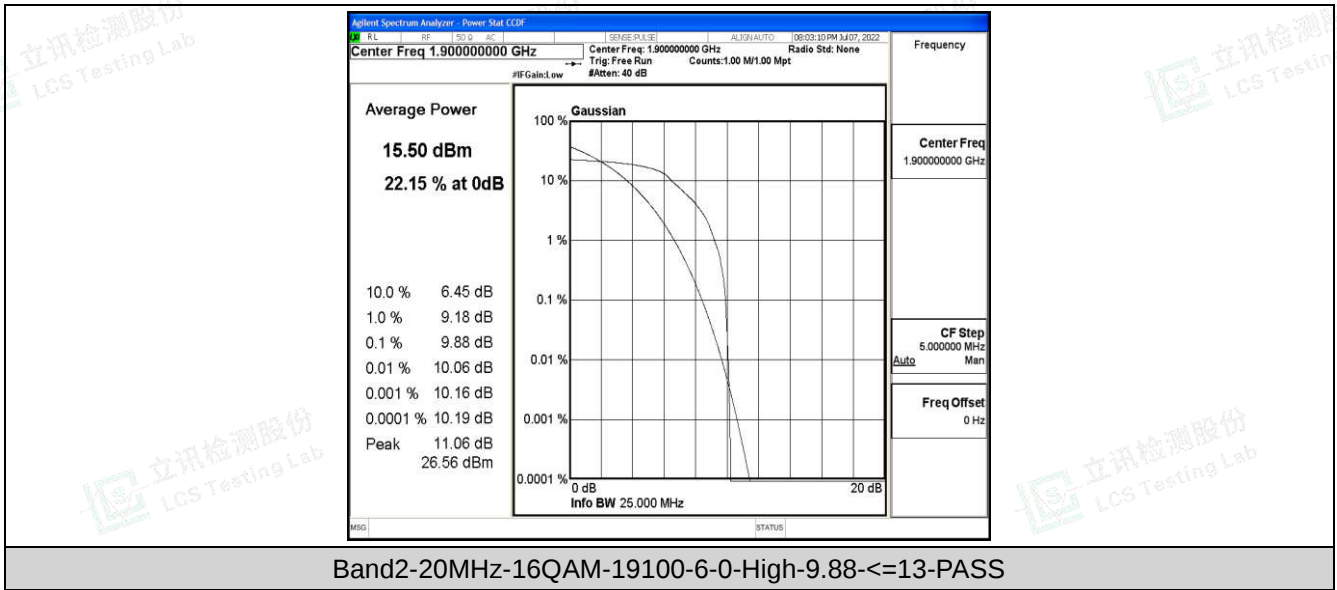


Band2-20MHz-16QAM-18700-6-0-Low-9.69-&lt;=13-PASS



Band2-20MHz-16QAM-18900-6-0-Low-9.04-&lt;=13-PASS







### F.3 26dB Bandwidth and Occupied Bandwidth for M1

#### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Size | RB Start | NB Index | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|---------|----------|----------|--------------------------|----------------------|---------|
| Band2 | 1.4MHz    | 18607      | QPSK    | 6       | 0        | Low      | 1.0906                   | 1.263                | PASS    |
| Band2 | 1.4MHz    | 18900      | QPSK    | 6       | 0        | Low      | 1.0881                   | 1.261                | PASS    |
| Band2 | 1.4MHz    | 19193      | QPSK    | 6       | 0        | High     | 1.0976                   | 1.289                | PASS    |
| Band2 | 1.4MHz    | 18607      | 16QAM   | 6       | 0        | Low      | 1.0919                   | 1.280                | PASS    |
| Band2 | 1.4MHz    | 18900      | 16QAM   | 6       | 0        | Low      | 1.0854                   | 1.268                | PASS    |
| Band2 | 1.4MHz    | 19193      | 16QAM   | 6       | 0        | High     | 1.0946                   | 1.277                | PASS    |
| Band2 | 3MHz      | 18615      | QPSK    | 6       | 0        | Low      | 1.1095                   | 1.372                | PASS    |
| Band2 | 3MHz      | 18900      | QPSK    | 6       | 0        | Low      | 1.1082                   | 1.320                | PASS    |
| Band2 | 3MHz      | 19185      | QPSK    | 6       | 0        | High     | 1.1178                   | 1.403                | PASS    |
| Band2 | 3MHz      | 18615      | 16QAM   | 6       | 0        | Low      | 1.1035                   | 1.328                | PASS    |
| Band2 | 3MHz      | 18900      | 16QAM   | 6       | 0        | Low      | 1.1044                   | 1.310                | PASS    |
| Band2 | 3MHz      | 19185      | 16QAM   | 6       | 0        | High     | 1.1115                   | 1.372                | PASS    |
| Band2 | 5MHz      | 18625      | QPSK    | 6       | 0        | Low      | 1.1795                   | 1.542                | PASS    |
| Band2 | 5MHz      | 18900      | QPSK    | 6       | 0        | Low      | 1.1784                   | 1.578                | PASS    |
| Band2 | 5MHz      | 19175      | QPSK    | 6       | 0        | High     | 1.1755                   | 1.494                | PASS    |
| Band2 | 5MHz      | 18625      | 16QAM   | 6       | 0        | Low      | 1.1806                   | 1.641                | PASS    |
| Band2 | 5MHz      | 18900      | 16QAM   | 6       | 0        | Low      | 1.1672                   | 1.605                | PASS    |
| Band2 | 5MHz      | 19175      | 16QAM   | 6       | 0        | High     | 1.1785                   | 1.435                | PASS    |
| Band2 | 10MHz     | 18650      | QPSK    | 6       | 0        | Low      | 1.3564                   | 2.907                | PASS    |
| Band2 | 10MHz     | 18900      | QPSK    | 6       | 0        | Low      | 1.3611                   | 2.387                | PASS    |
| Band2 | 10MHz     | 19150      | QPSK    | 6       | 0        | High     | 1.3620                   | 1.778                | PASS    |
| Band2 | 10MHz     | 18650      | 16QAM   | 6       | 0        | Low      | 1.4008                   | 2.984                | PASS    |
| Band2 | 10MHz     | 18900      | 16QAM   | 6       | 0        | Low      | 1.3703                   | 2.228                | PASS    |
| Band2 | 10MHz     | 19150      | 16QAM   | 6       | 0        | High     | 1.3517                   | 1.827                | PASS    |
| Band2 | 15MHz     | 18675      | QPSK    | 6       | 0        | Low      | 1.6252                   | 3.830                | PASS    |
| Band2 | 15MHz     | 18900      | QPSK    | 6       | 0        | Low      | 1.5474                   | 3.459                | PASS    |
| Band2 | 15MHz     | 19125      | QPSK    | 6       | 0        | High     | 1.5565                   | 3.010                | PASS    |
| Band2 | 15MHz     | 18675      | 16QAM   | 6       | 0        | Low      | 1.6062                   | 3.948                | PASS    |
| Band2 | 15MHz     | 18900      | 16QAM   | 6       | 0        | Low      | 1.5508                   | 3.260                | PASS    |
| Band2 | 15MHz     | 19125      | 16QAM   | 6       | 0        | High     | 1.5316                   | 2.428                | PASS    |
| Band2 | 20MHz     | 18700      | QPSK    | 6       | 0        | Low      | 2.0832                   | 5.056                | PASS    |



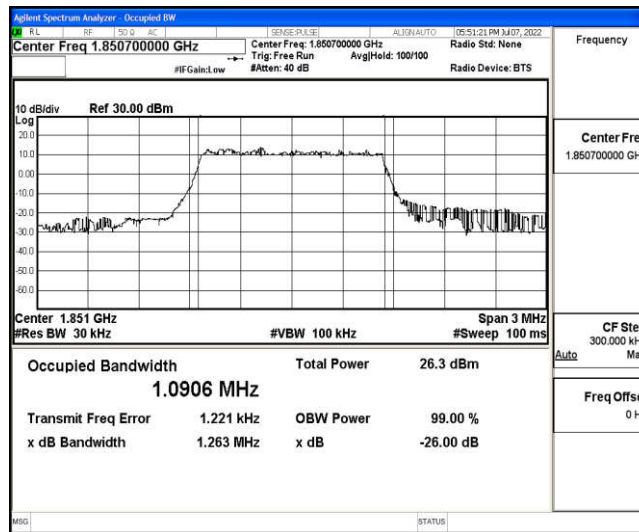


|       |       |       |       |   |   |      |        |       |      |
|-------|-------|-------|-------|---|---|------|--------|-------|------|
| Band2 | 20MHz | 18900 | QPSK  | 6 | 0 | Low  | 2.0778 | 4.569 | PASS |
| Band2 | 20MHz | 19100 | QPSK  | 6 | 0 | High | 2.0013 | 4.286 | PASS |
| Band2 | 20MHz | 18700 | 16QAM | 6 | 0 | Low  | 2.0712 | 5.090 | PASS |
| Band2 | 20MHz | 18900 | 16QAM | 6 | 0 | Low  | 2.3267 | 4.618 | PASS |
| Band2 | 20MHz | 19100 | 16QAM | 6 | 0 | High | 1.9649 | 4.017 | PASS |

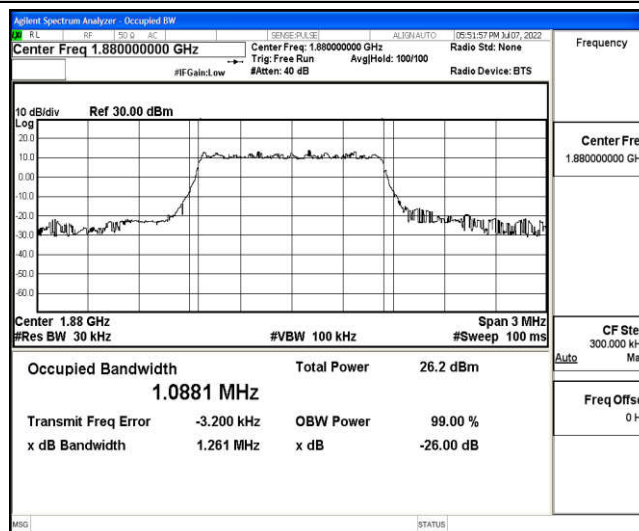




## Test Graphs

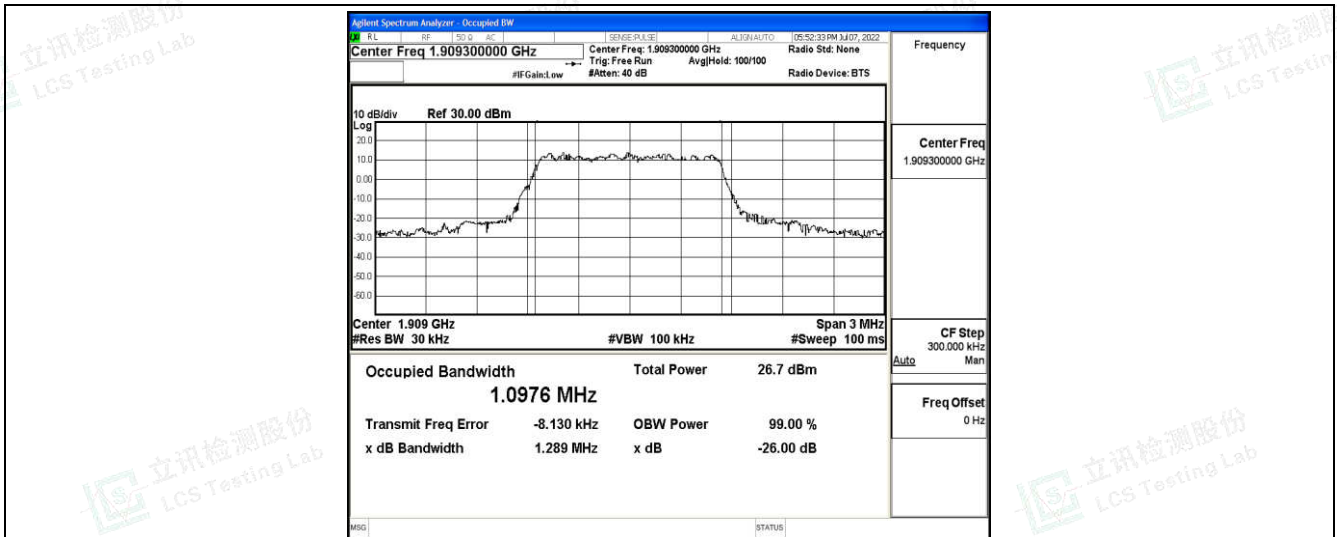


Band2-1.4MHz-QPSK-18607-6-0-Low-1.0906-1.263-PASS

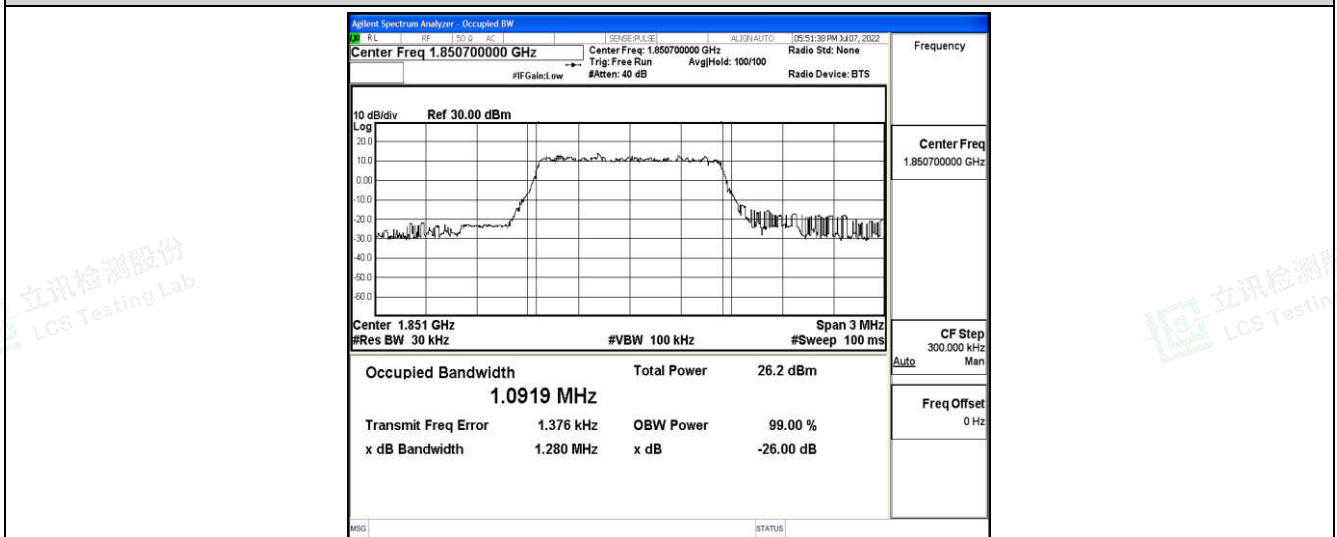


Band2-1.4MHz-QPSK-18900-6-0-Low-1.0881-1.261-PASS

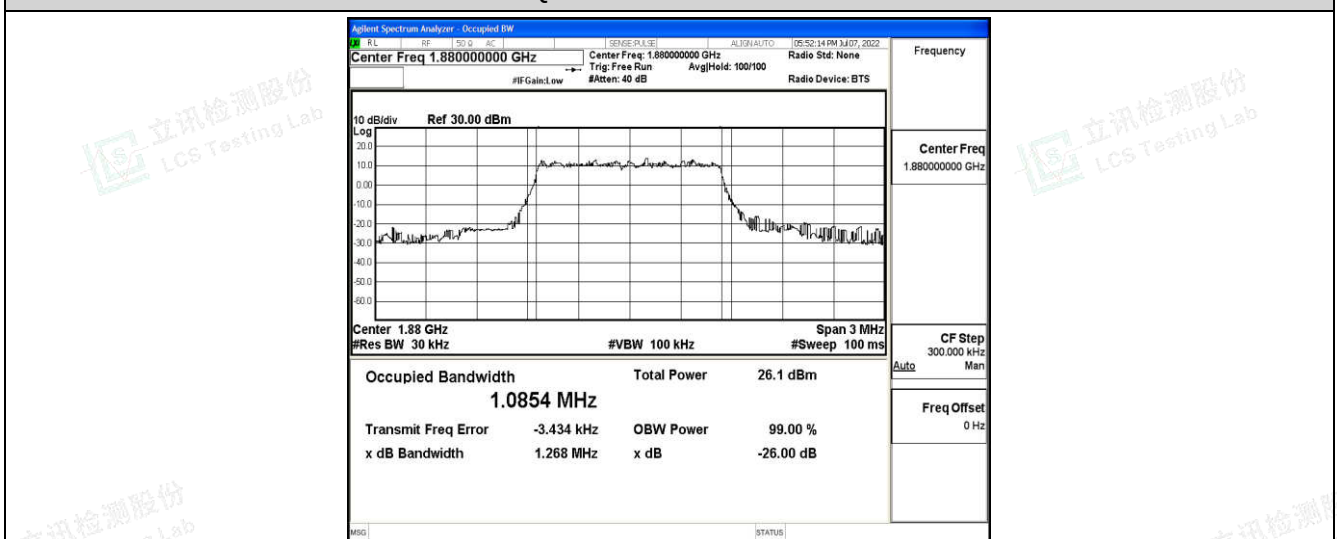




Band2-1.4MHz-QPSK-19193-6-0-High-1.0976-1.289-PASS

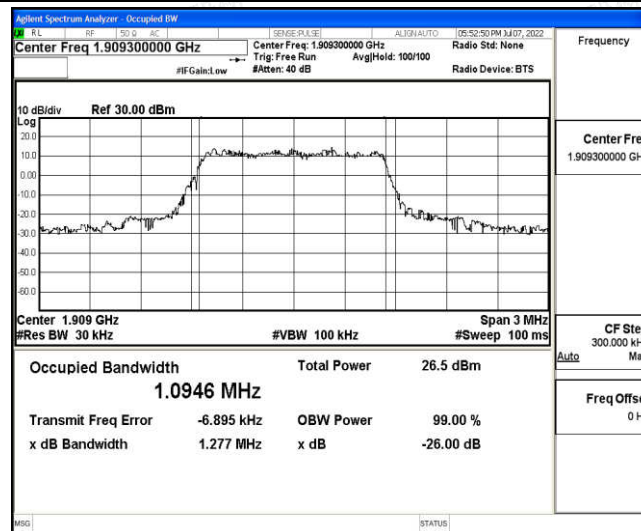


Band2-1.4MHz-16QAM-18607-6-0-Low-1.0919-1.280-PASS

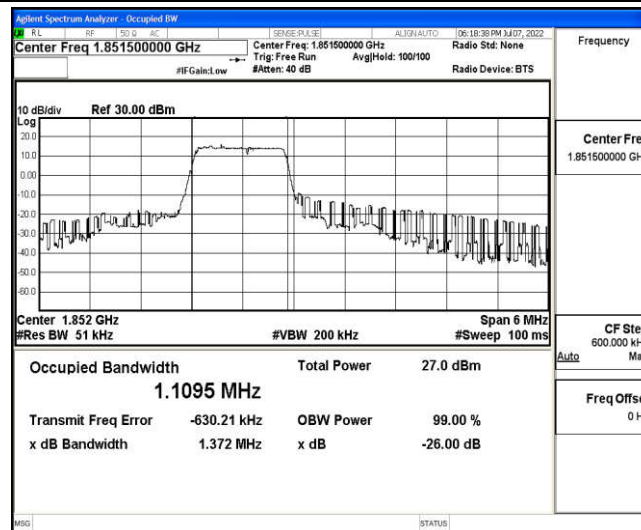


Band2-1.4MHz-16QAM-18900-6-0-Low-1.0854-1.268-PASS

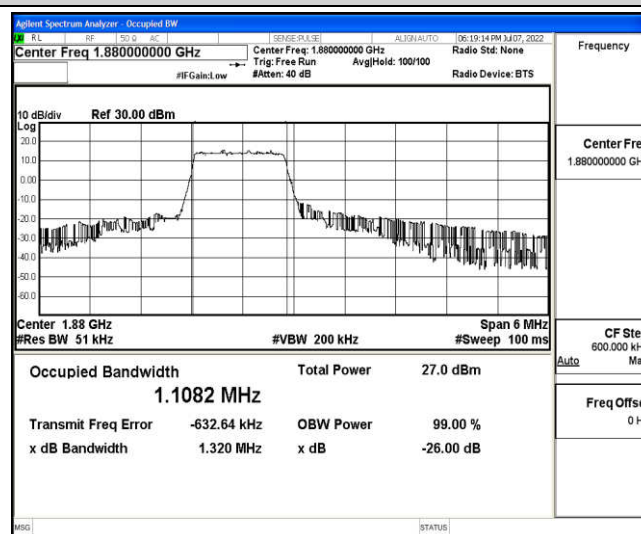




Band2-1.4MHz-16QAM-19193-6-0-High-1.0946-1.277-PASS



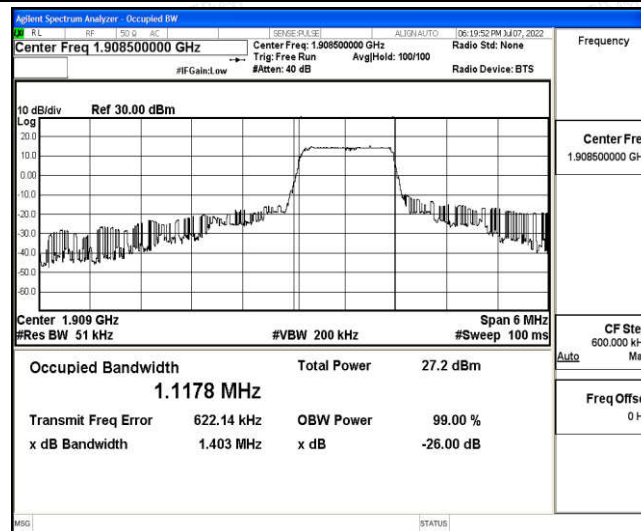
Band2-3MHz-QPSK-18615-6-0-Low-1.1095-1.372-PASS



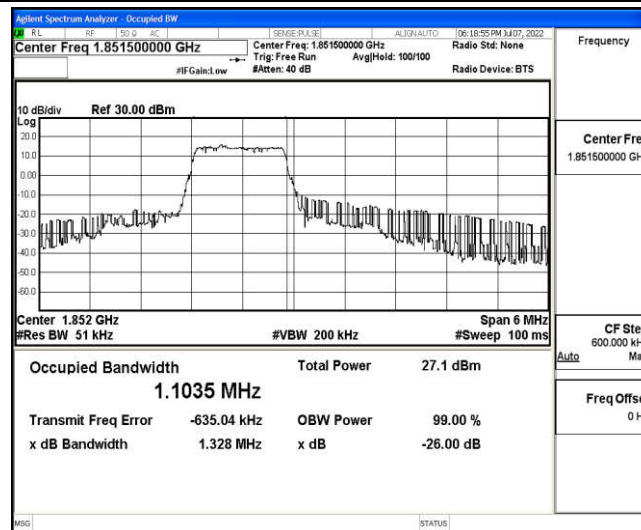
Band2-3MHz-QPSK-18900-6-0-Low-1.1082-1.320-PASS



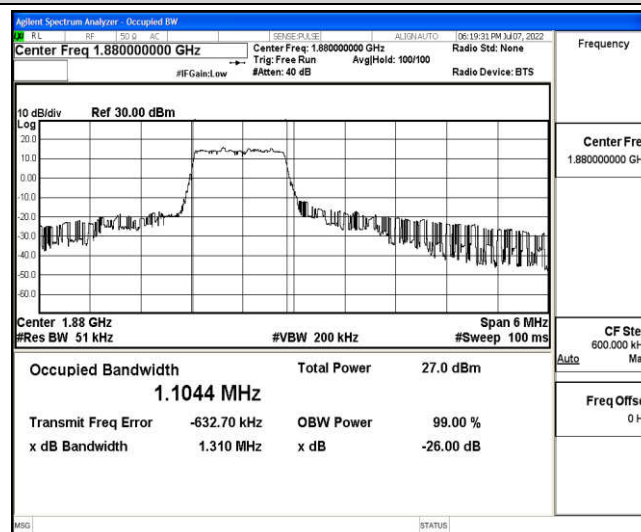
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Band2-3MHz-QPSK-19185-6-0-High-1.1178-1.403-PASS

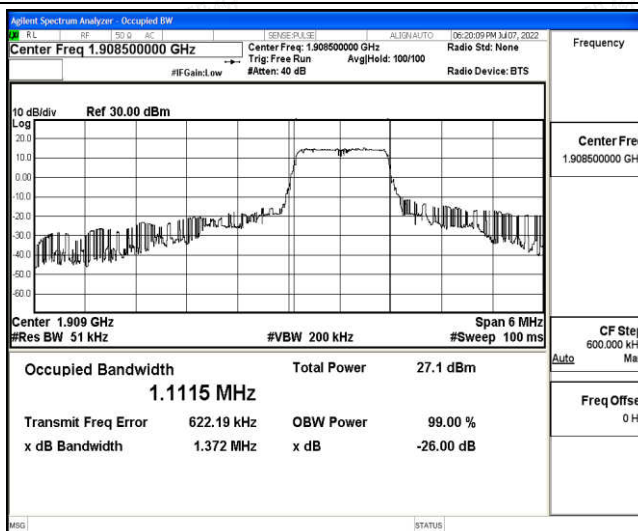


Band2-3MHz-16QAM-18615-6-0-Low-1.1035-1.328-PASS

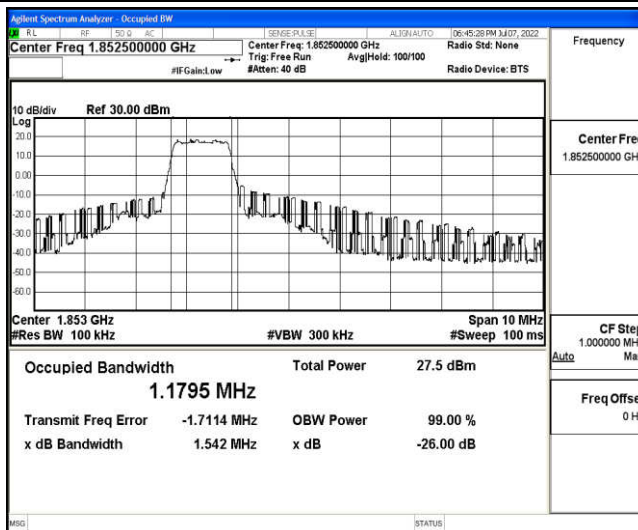


Band2-3MHz-16QAM-18900-6-0-Low-1.1044-1.310-PASS

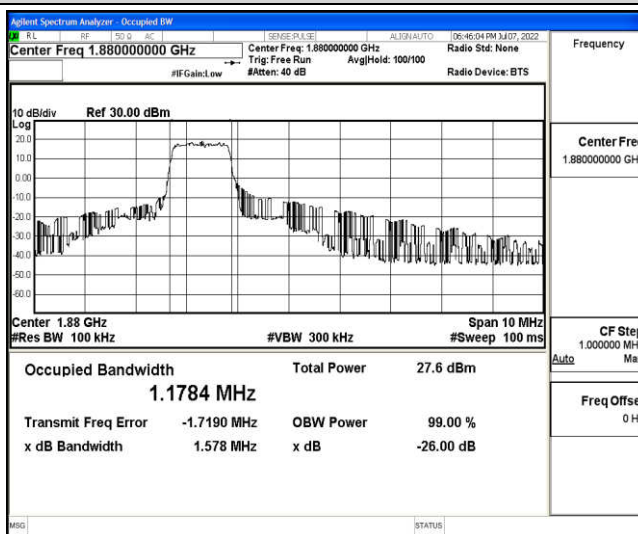




Band2-3MHz-16QAM-19185-6-0-High-1.1115-1.372-PASS

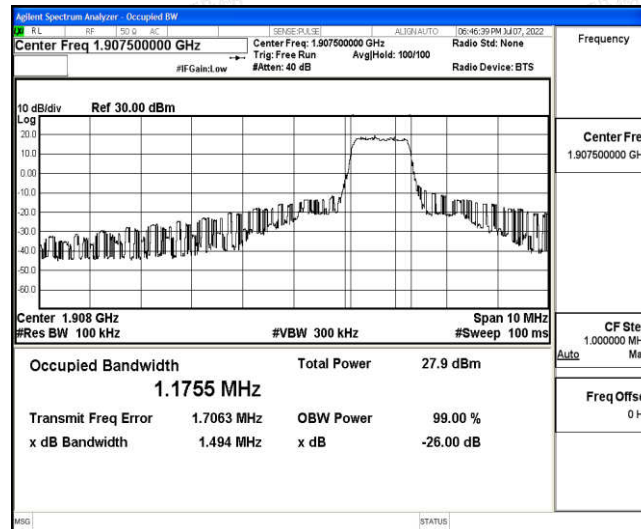


Band2-5MHz-QPSK-18625-6-0-Low-1.1795-1.542-PASS

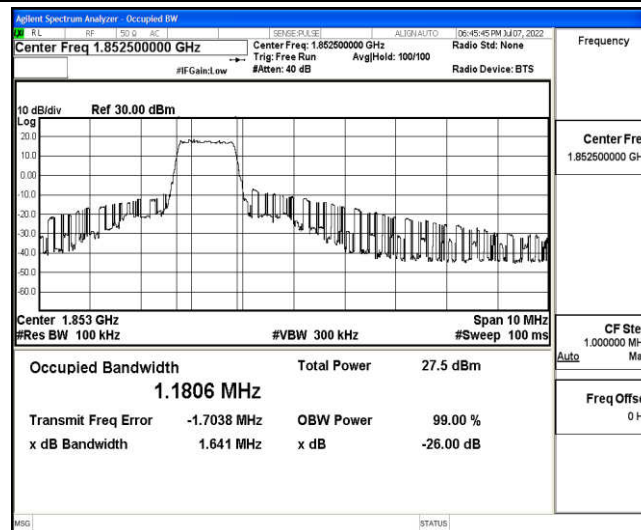


Band2-5MHz-QPSK-18900-6-0-Low-1.1784-1.578-PASS

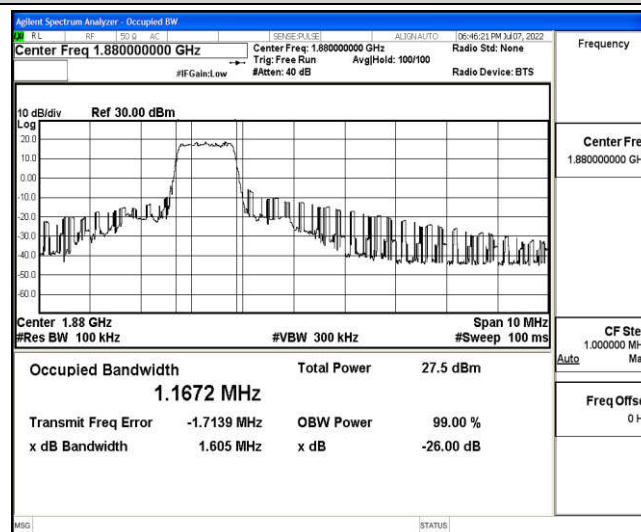




Band2-5MHz-QPSK-19175-6-0-High-1.1755-1.494-PASS



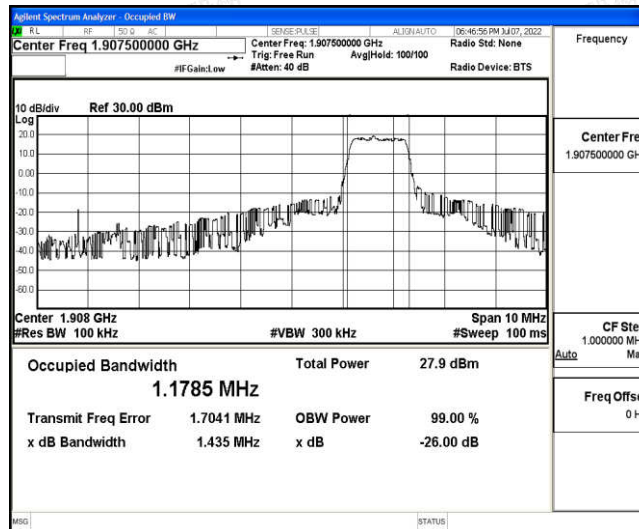
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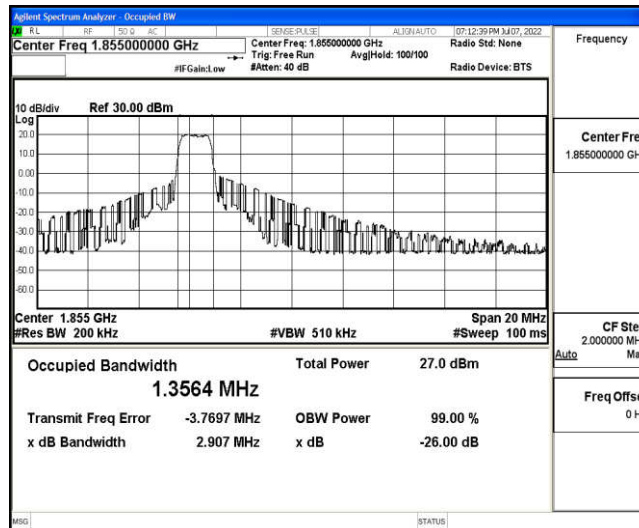
Band2-5MHz-16QAM-18900-6-0-Low-1.1672-1.605-PASS



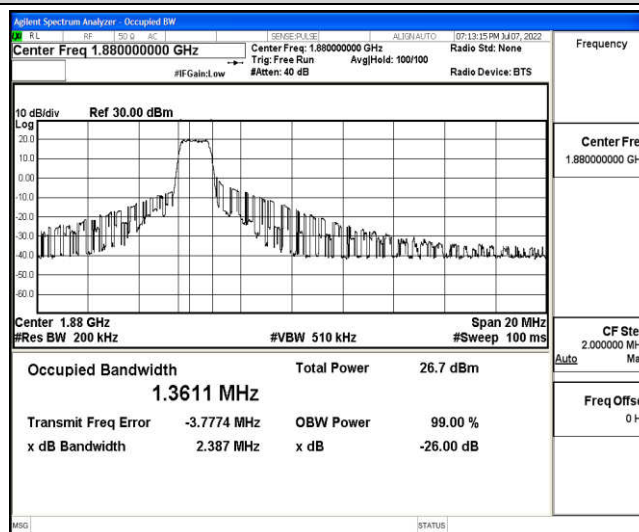
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Band2-5MHz-16QAM-19175-6-0-High-1.1785-1.435-PASS

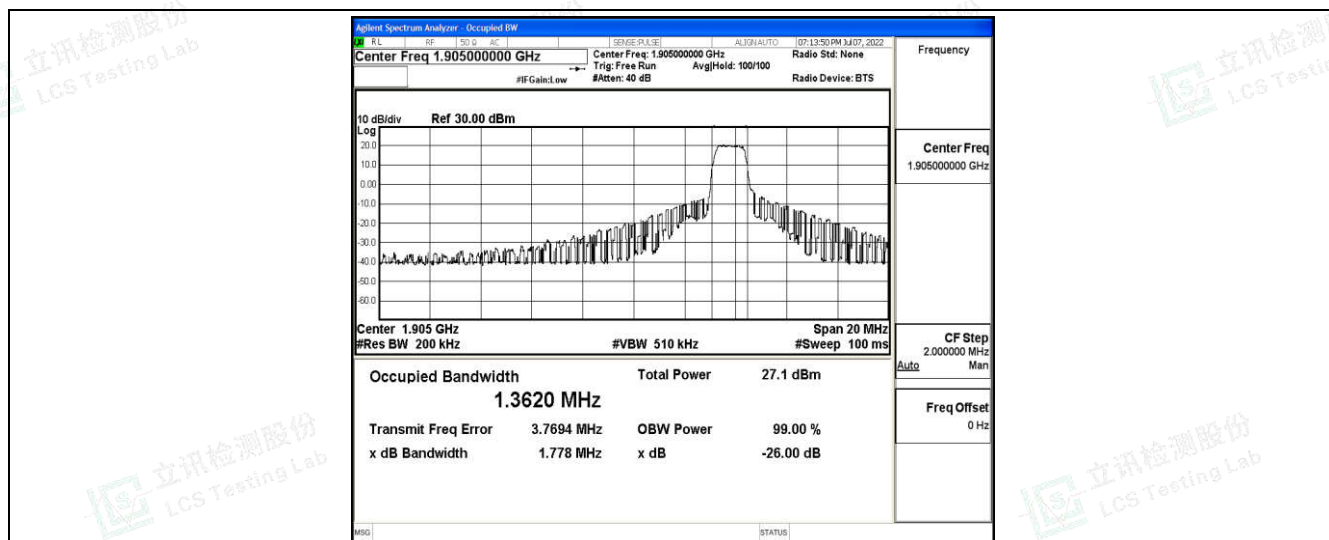


Band2-10MHz-QPSK-18650-6-0-Low-1.3564-2.907-PASS

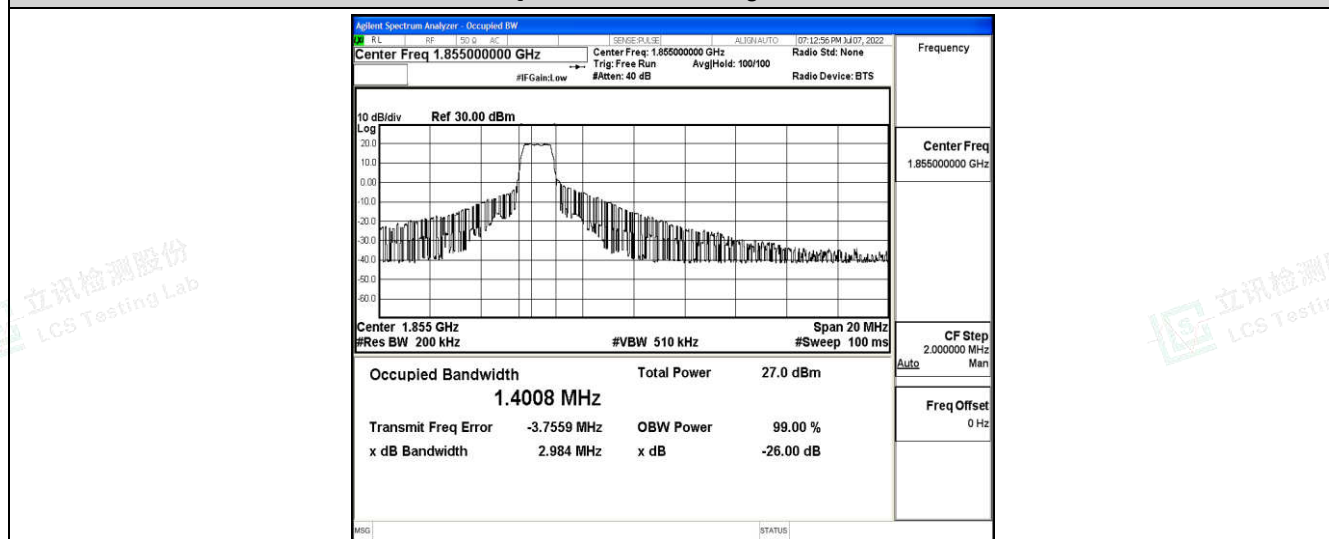


Band2-10MHz-QPSK-18900-6-0-Low-1.3611-2.387-PASS

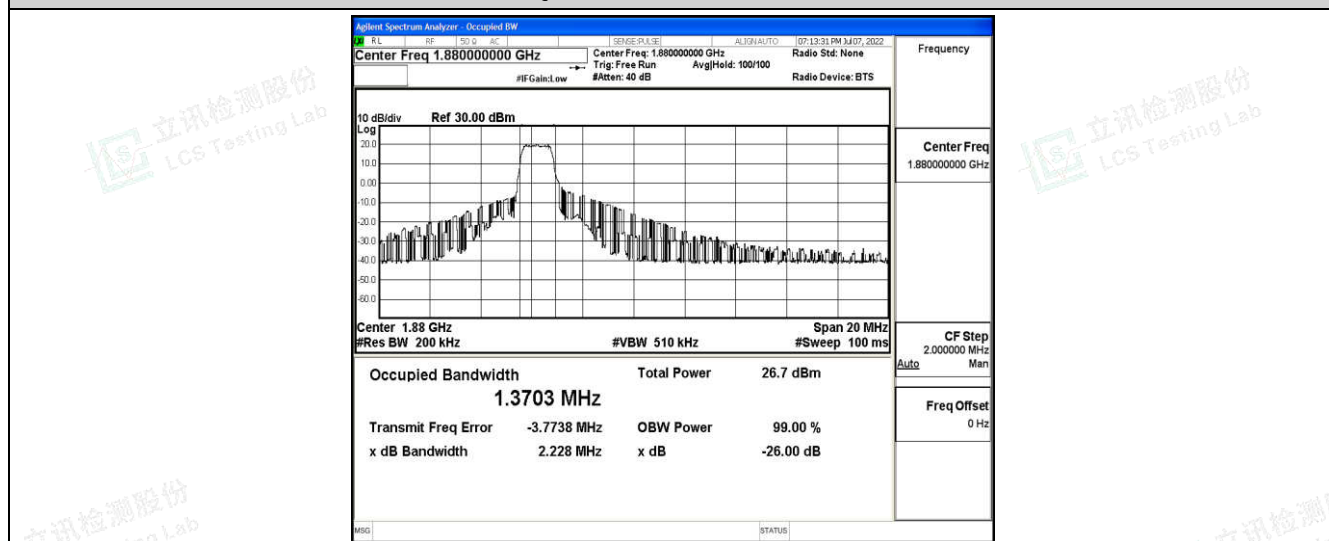




Band2-10MHz-QPSK-19150-6-0-High-1.3620-1.778-PASS

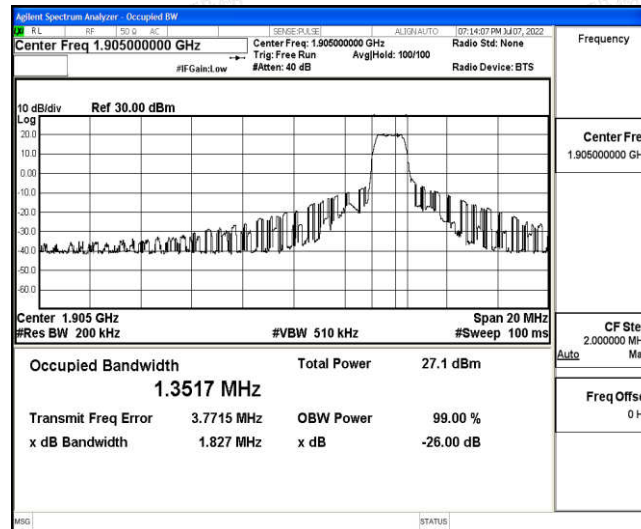


Band2-10MHz-16QAM-18650-6-0-Low-1.4008-2.984-PASS

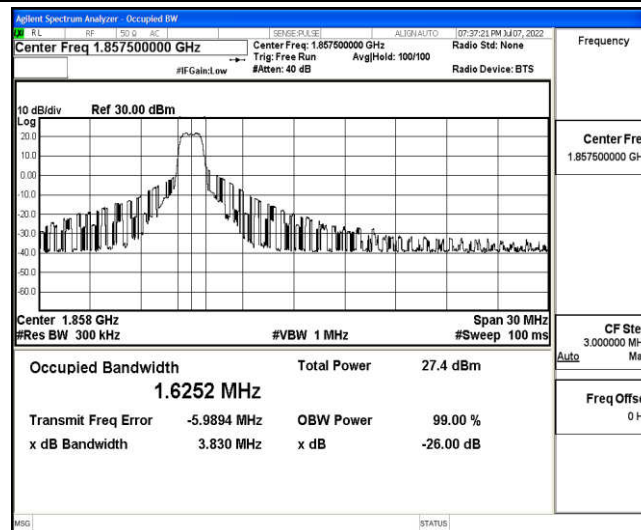


Band2-10MHz-16QAM-18900-6-0-Low-1.3703-2.228-PASS

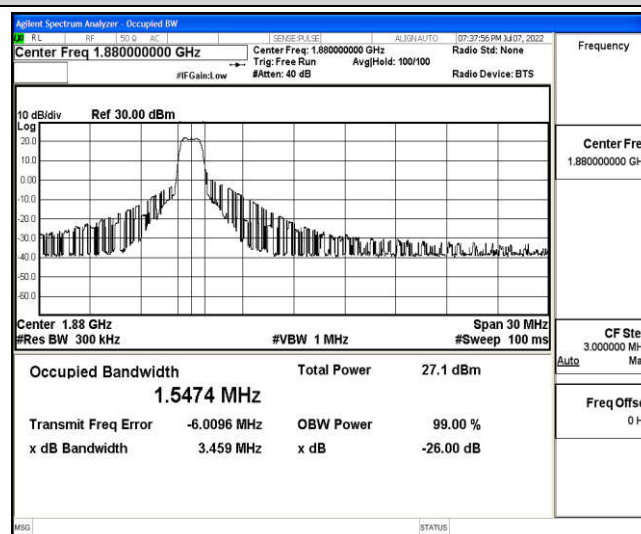




Band2-10MHz-16QAM-19150-6-0-High-1.3517-1.827-PASS



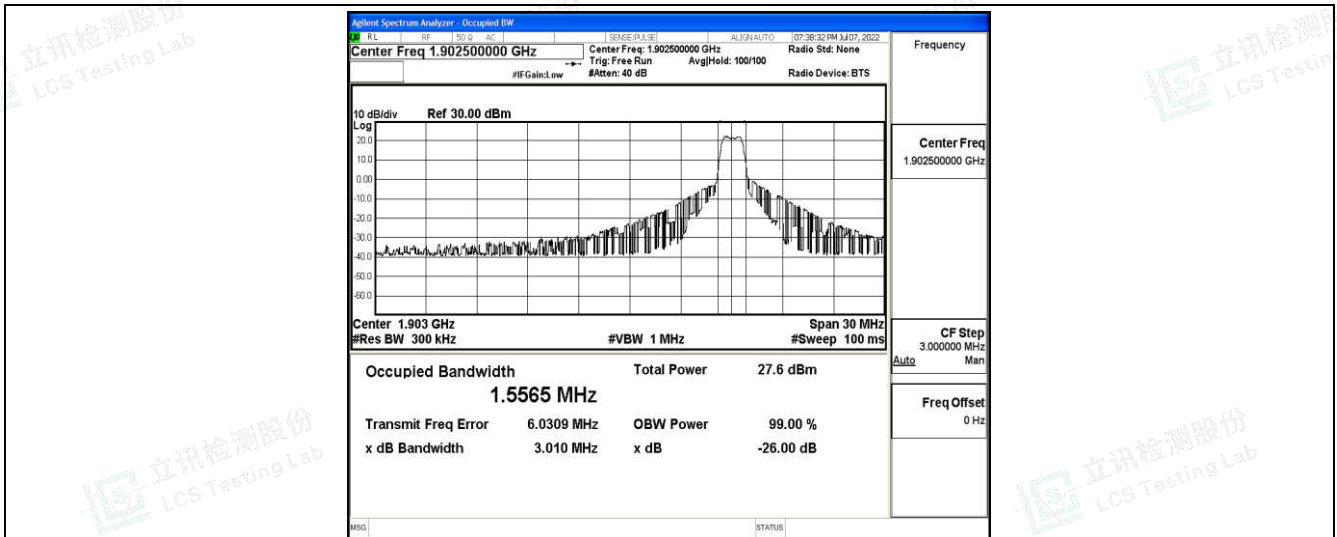
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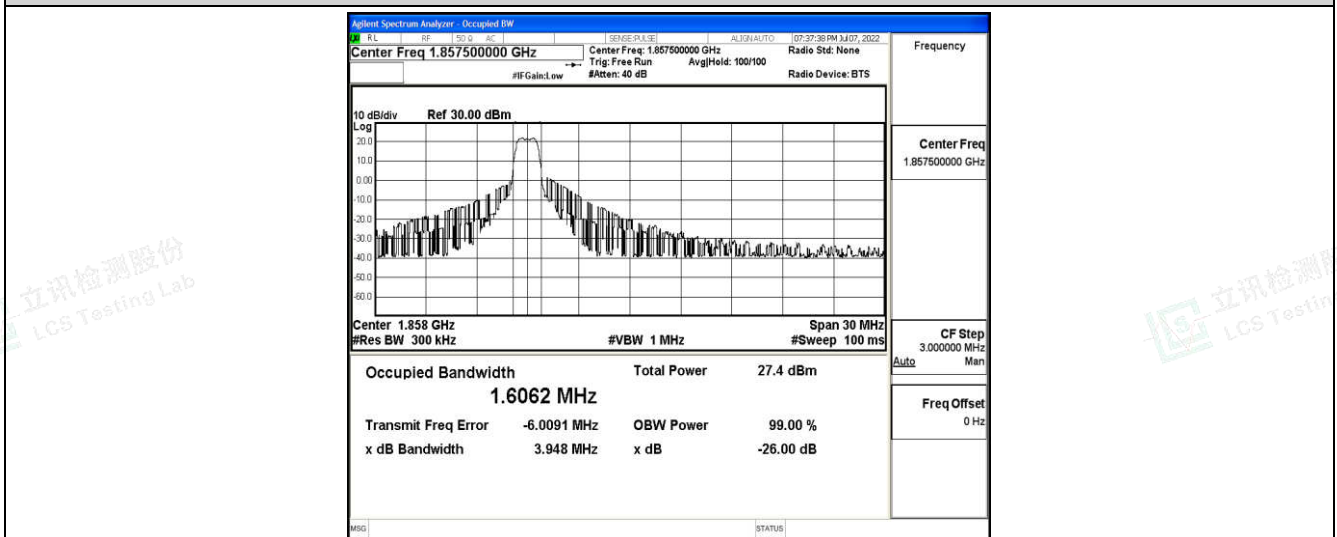
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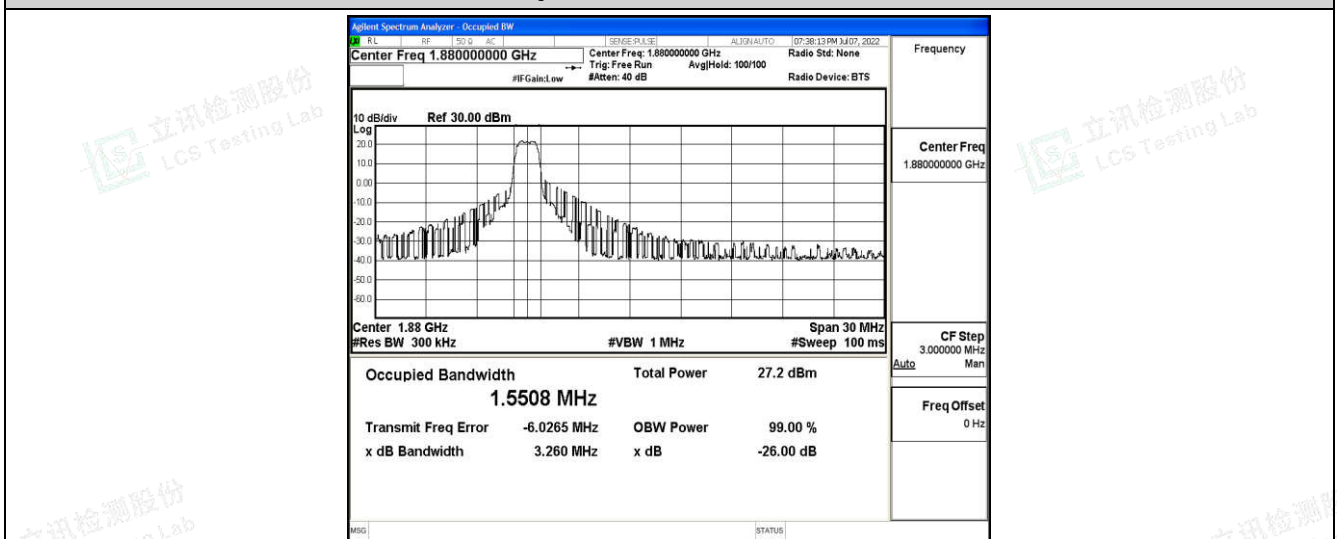
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Band2-15MHz-QPSK-19125-6-0-High-1.5565-3.010-PASS



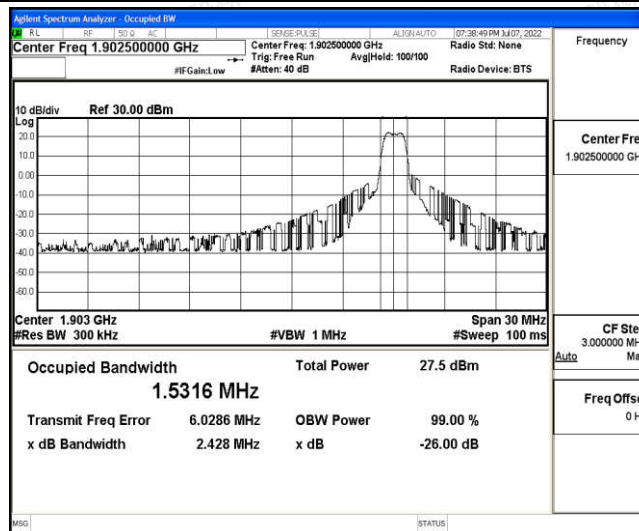
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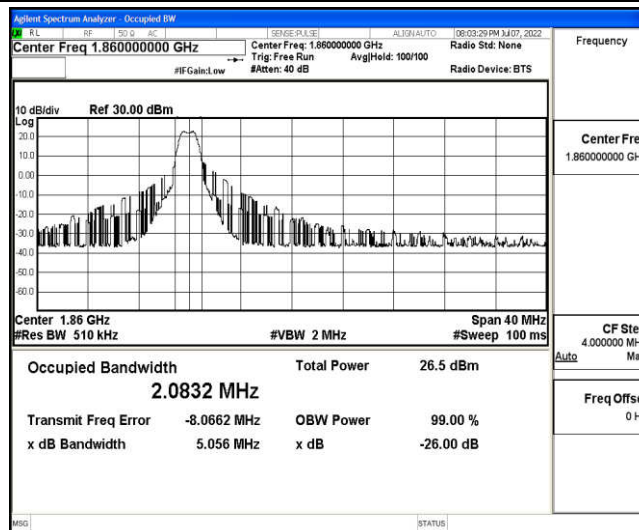
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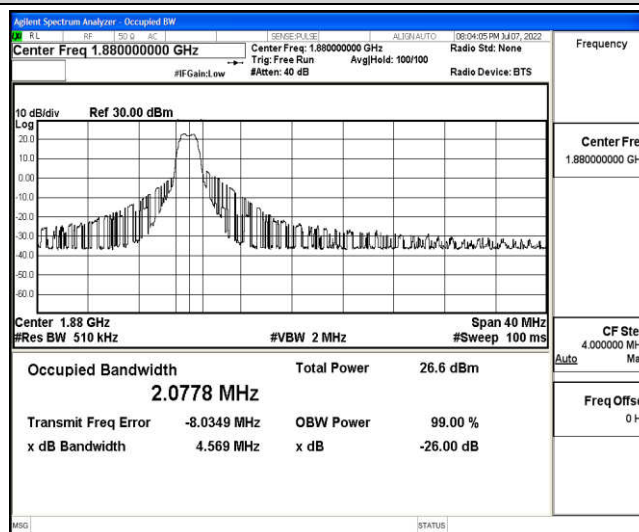
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Band2-15MHz-16QAM-19125-6-0-High-1.5316-2.428-PASS



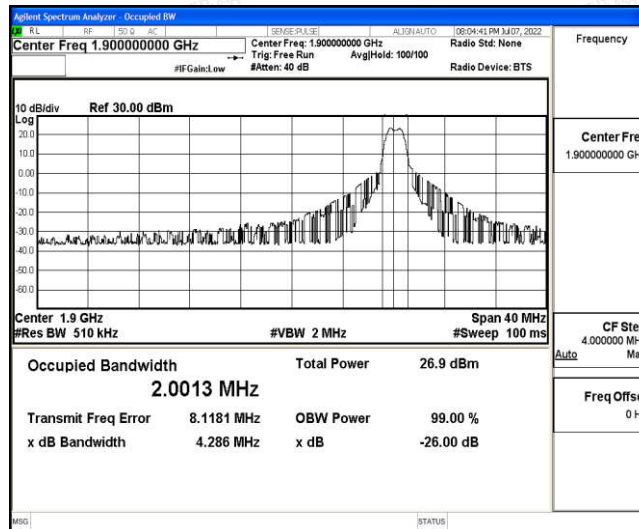
Band2-20MHz-QPSK-18700-6-0-Low-2.0832-5.056-PASS



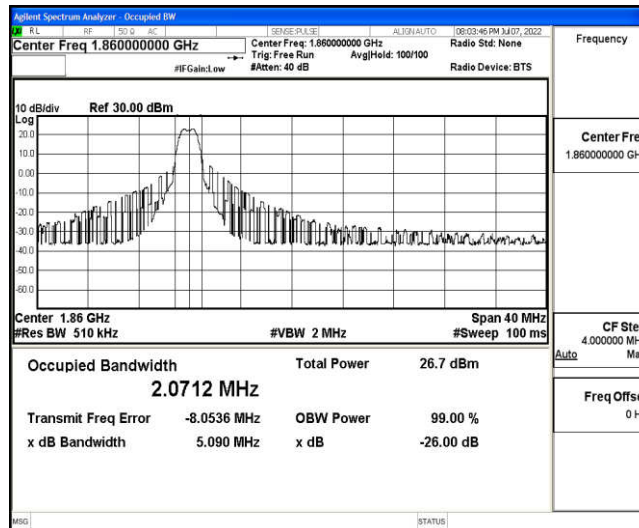
Band2-20MHz-QPSK-18900-6-0-Low-2.0778-4.569-PASS



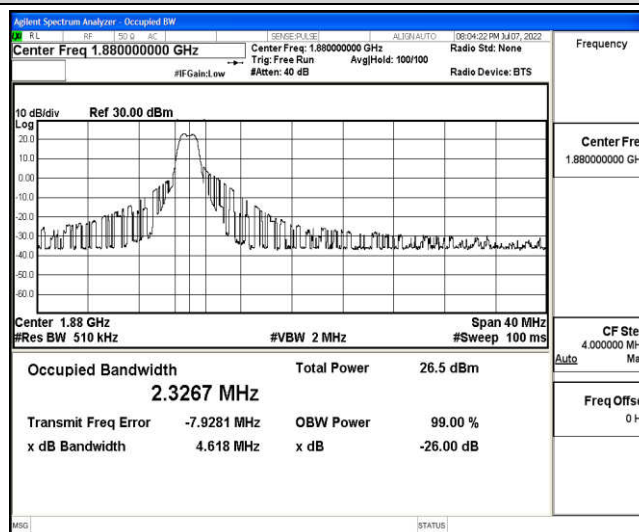
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Band2-20MHz-QPSK-19100-6-0-High-2.0013-4.286-PASS



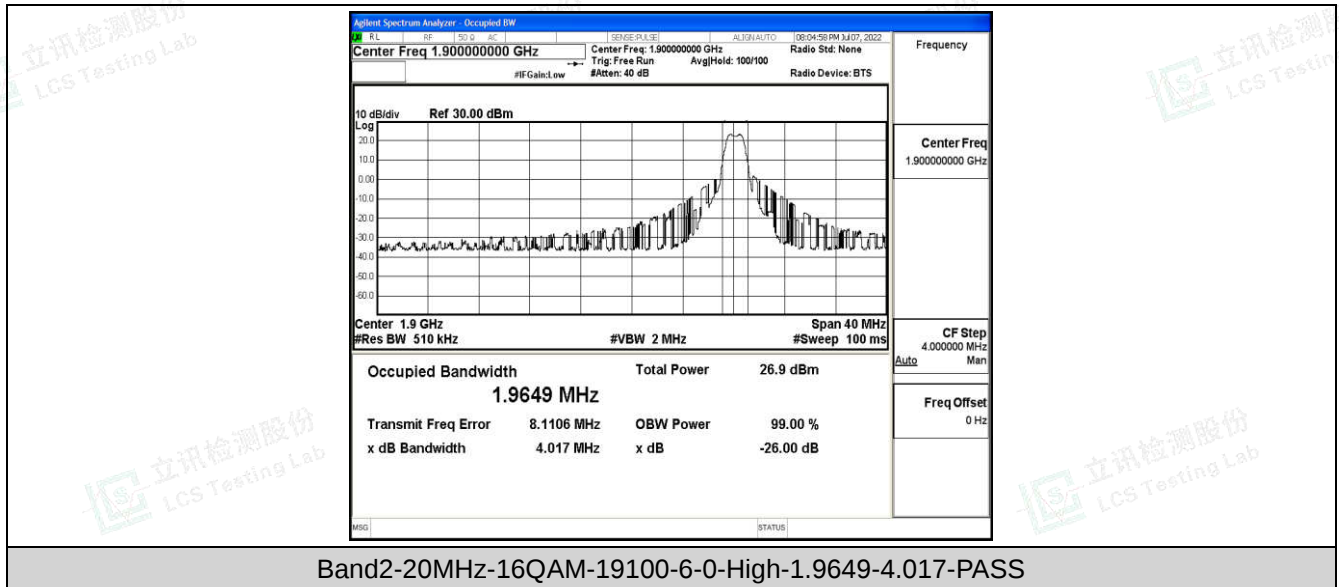
Band2-20MHz-16QAM-18700-6-0-Low-2.0712-5.090-PASS



Band2-20MHz-16QAM-18900-6-0-Low-2.3267-4.618-PASS



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## F.4 Band Edge for M1

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Size | RB Start | NB Index | Result(dBm) | Verdict |
|-------|-----------|------------|---------|---------|----------|----------|-------------|---------|
| Band2 | 1.4MHz    | 18607      | QPSK    | 6       | 0        | Low      | -34.27      | PASS    |
| Band2 | 1.4MHz    | 19193      | QPSK    | 6       | 0        | High     | -33.27      | PASS    |
| Band2 | 1.4MHz    | 18607      | 16QAM   | 6       | 0        | Low      | -33.92      | PASS    |
| Band2 | 1.4MHz    | 19193      | 16QAM   | 6       | 0        | High     | -33.47      | PASS    |
| Band2 | 3MHz      | 18615      | QPSK    | 6       | 0        | Low      | -35.65      | PASS    |
| Band2 | 3MHz      | 19185      | QPSK    | 6       | 0        | High     | -34.33      | PASS    |
| Band2 | 3MHz      | 18615      | 16QAM   | 6       | 0        | Low      | -35.49      | PASS    |
| Band2 | 3MHz      | 19185      | 16QAM   | 6       | 0        | High     | -33.31      | PASS    |
| Band2 | 5MHz      | 18625      | QPSK    | 6       | 0        | Low      | -32.09      | PASS    |
| Band2 | 5MHz      | 19175      | QPSK    | 6       | 0        | High     | -31.41      | PASS    |
| Band2 | 5MHz      | 18625      | 16QAM   | 6       | 0        | Low      | -31.66      | PASS    |
| Band2 | 5MHz      | 19175      | 16QAM   | 6       | 0        | High     | -31.75      | PASS    |
| Band2 | 10MHz     | 18650      | QPSK    | 6       | 0        | Low      | -30.07      | PASS    |
| Band2 | 10MHz     | 19150      | QPSK    | 6       | 0        | High     | -28.96      | PASS    |
| Band2 | 10MHz     | 18650      | 16QAM   | 6       | 0        | Low      | -30.41      | PASS    |
| Band2 | 10MHz     | 19150      | 16QAM   | 6       | 0        | High     | -28.66      | PASS    |
| Band2 | 15MHz     | 18675      | QPSK    | 6       | 0        | Low      | -26.06      | PASS    |
| Band2 | 15MHz     | 19125      | QPSK    | 6       | 0        | High     | -27.61      | PASS    |
| Band2 | 15MHz     | 18675      | 16QAM   | 6       | 0        | Low      | -28.62      | PASS    |
| Band2 | 15MHz     | 19125      | 16QAM   | 6       | 0        | High     | -25.74      | PASS    |
| Band2 | 20MHz     | 18700      | QPSK    | 6       | 0        | Low      | -30.54      | PASS    |
| Band2 | 20MHz     | 19100      | QPSK    | 6       | 0        | High     | -30.92      | PASS    |
| Band2 | 20MHz     | 18700      | 16QAM   | 6       | 0        | Low      | -30.59      | PASS    |
| Band2 | 20MHz     | 19100      | 16QAM   | 6       | 0        | High     | -28.83      | PASS    |

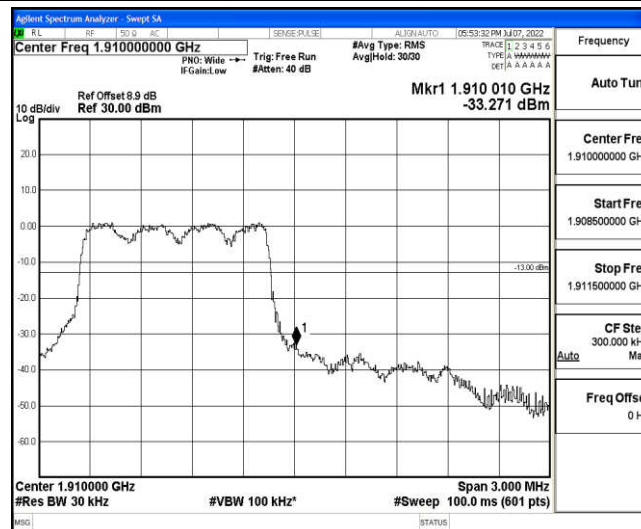




## Test Graphs

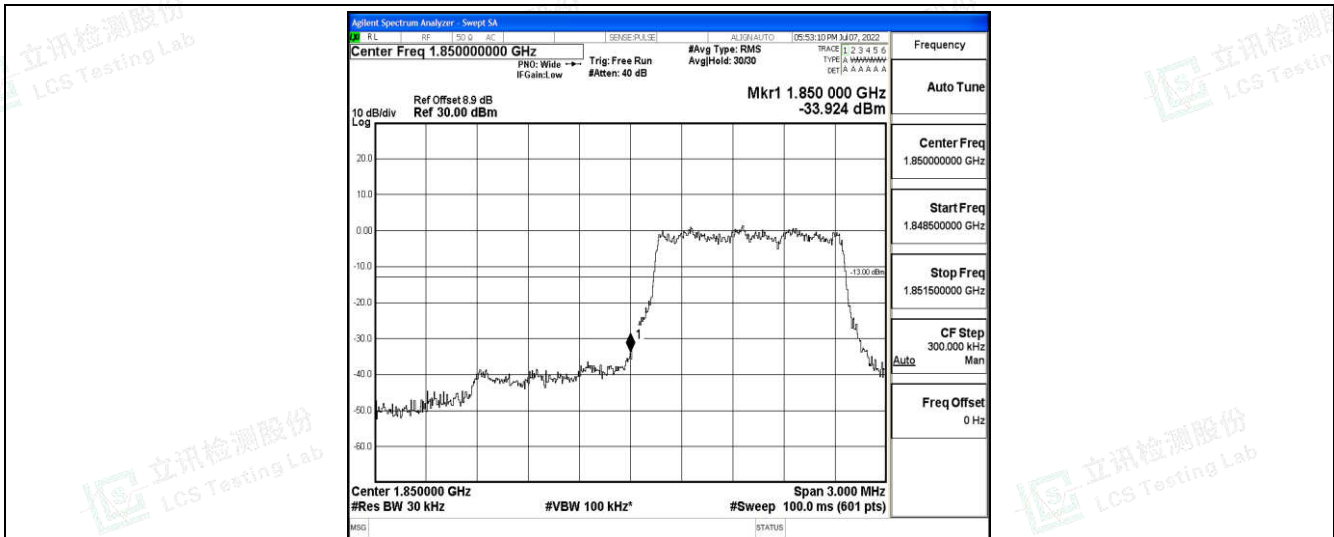


Band2-1.4MHz-QPSK-18607-6-0-Low--34.27-PASS

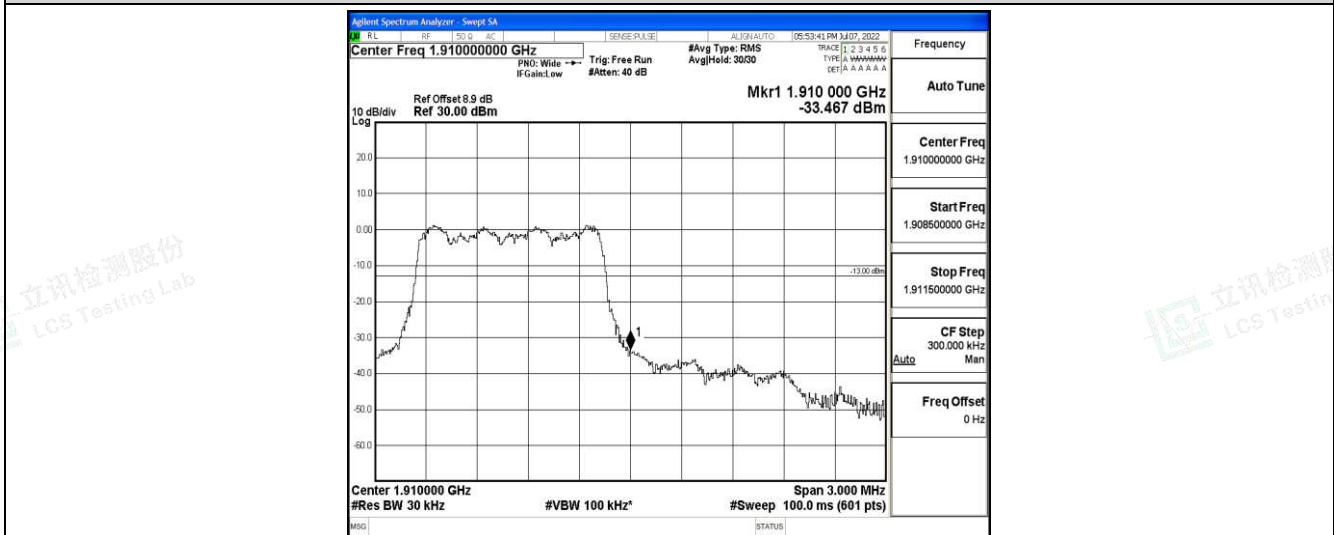


Band2-1.4MHz-QPSK-19193-6-0-High--33.27-PASS

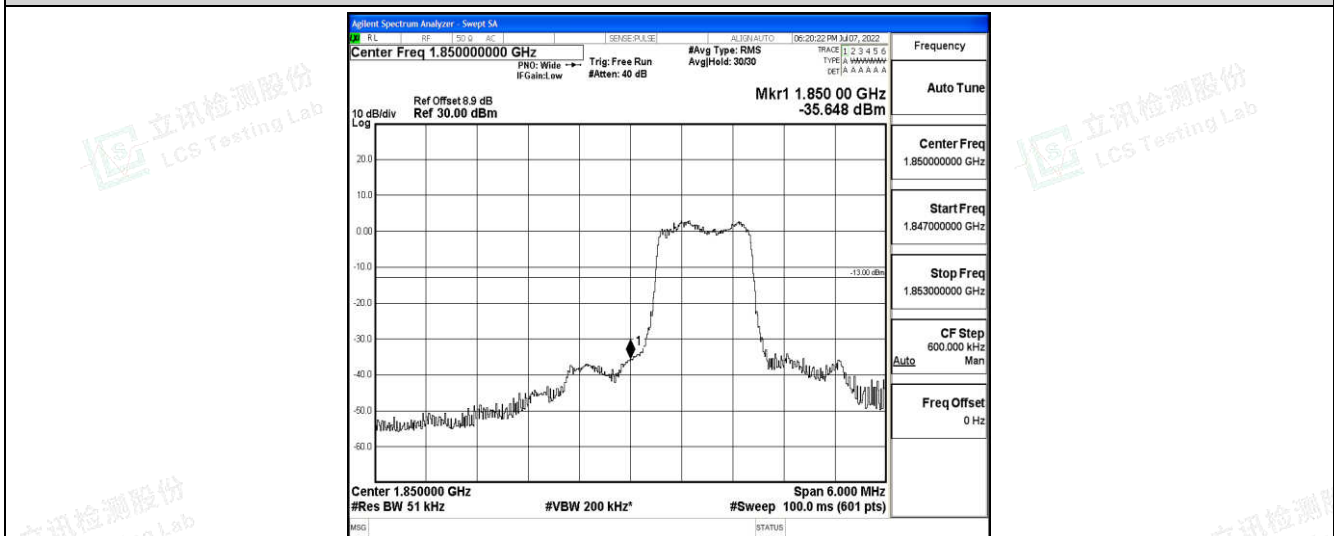




Band2-1.4MHz-16QAM-18607-6-0-Low--33.92-PASS



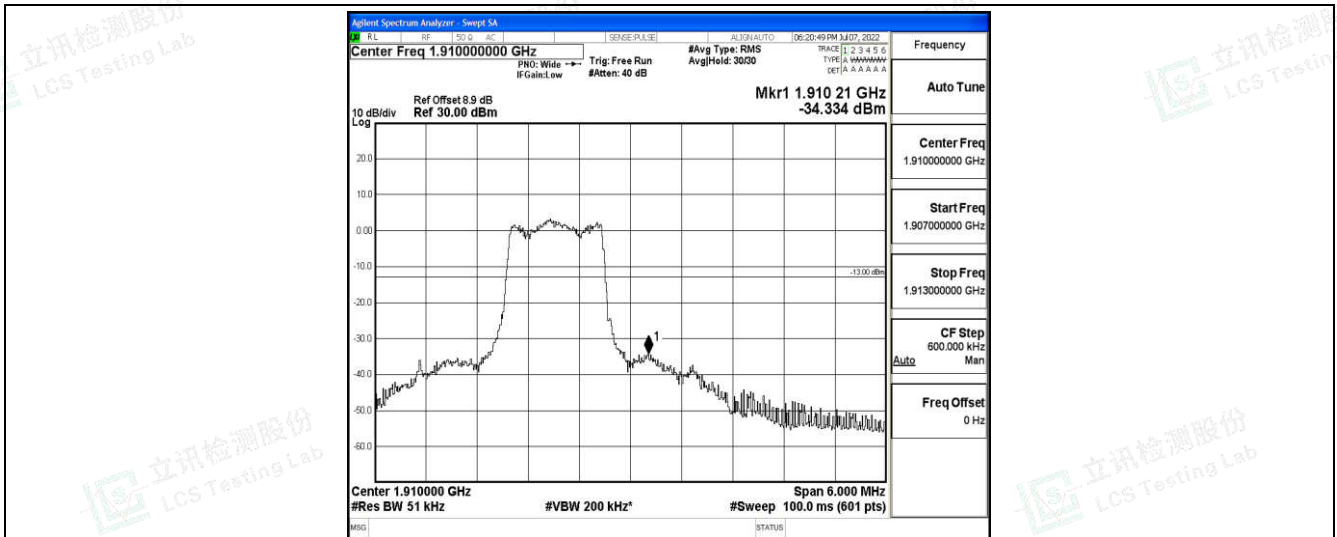
Band2-1.4MHz-16QAM-19193-6-0-High--33.47-PASS



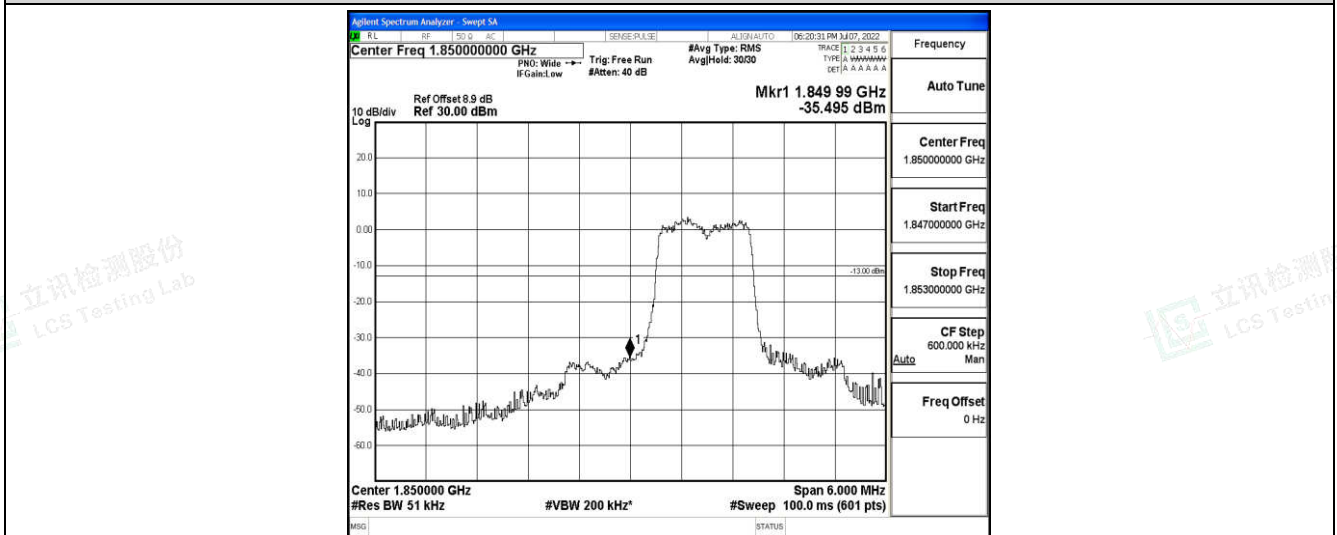
Band2-3MHz-QPSK-18615-6-0-Low--35.65-PASS



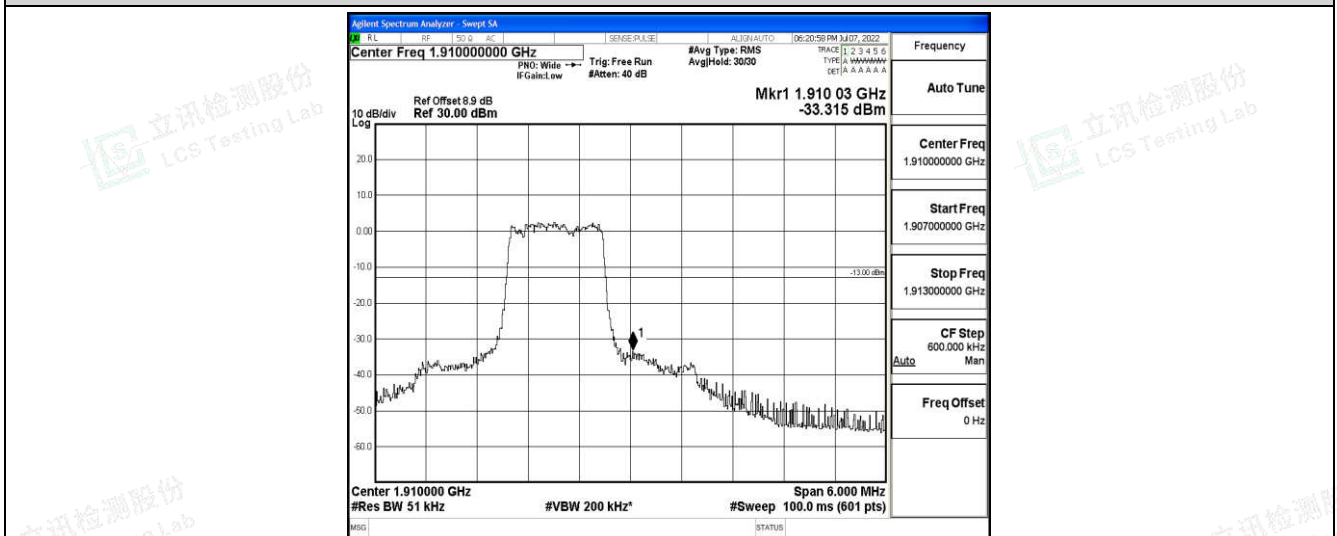
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Band2-3MHz-QPSK-19185-6-0-High--34.33-PASS



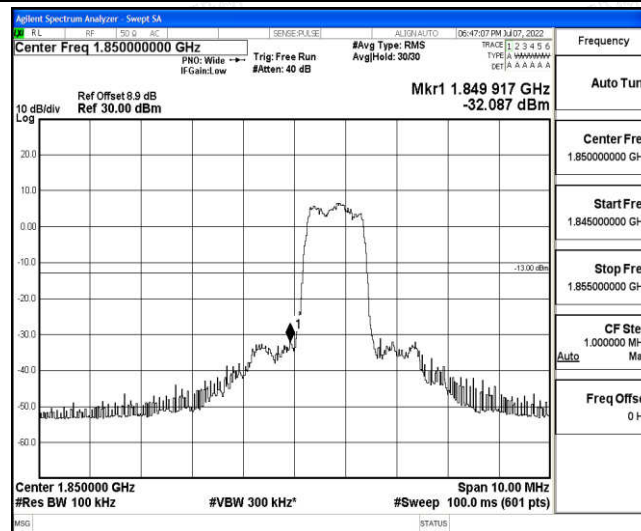
Band2-3MHz-16QAM-18615-6-0-Low--35.49-PASS



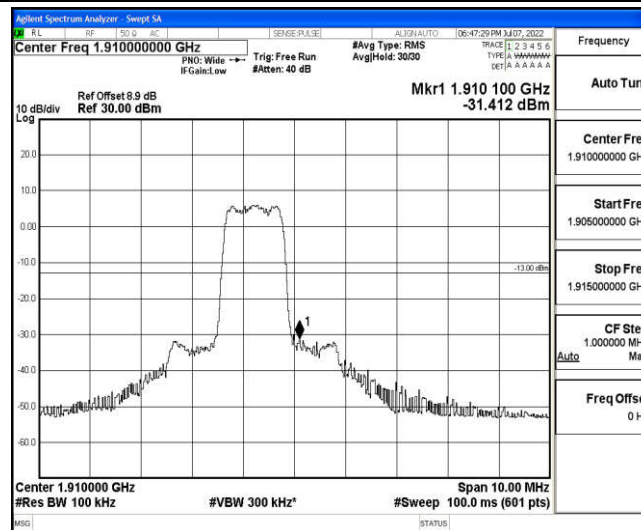
Band2-3MHz-16QAM-19185-6-0-High--33.31-PASS



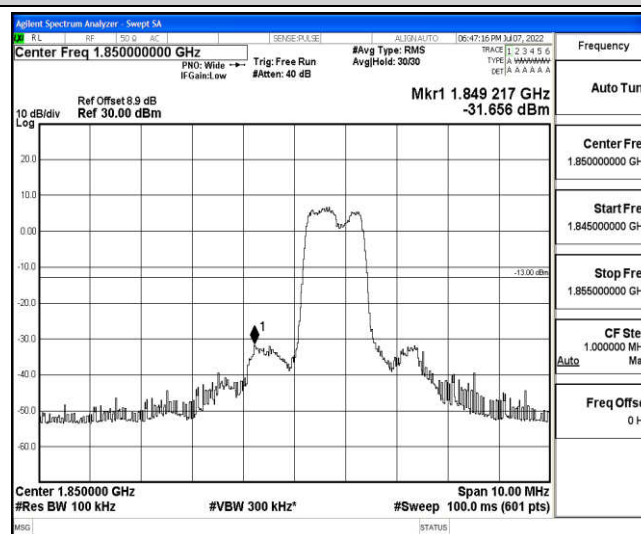
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Band2-5MHz-QPSK-18625-6-0-Low--32.09-PASS



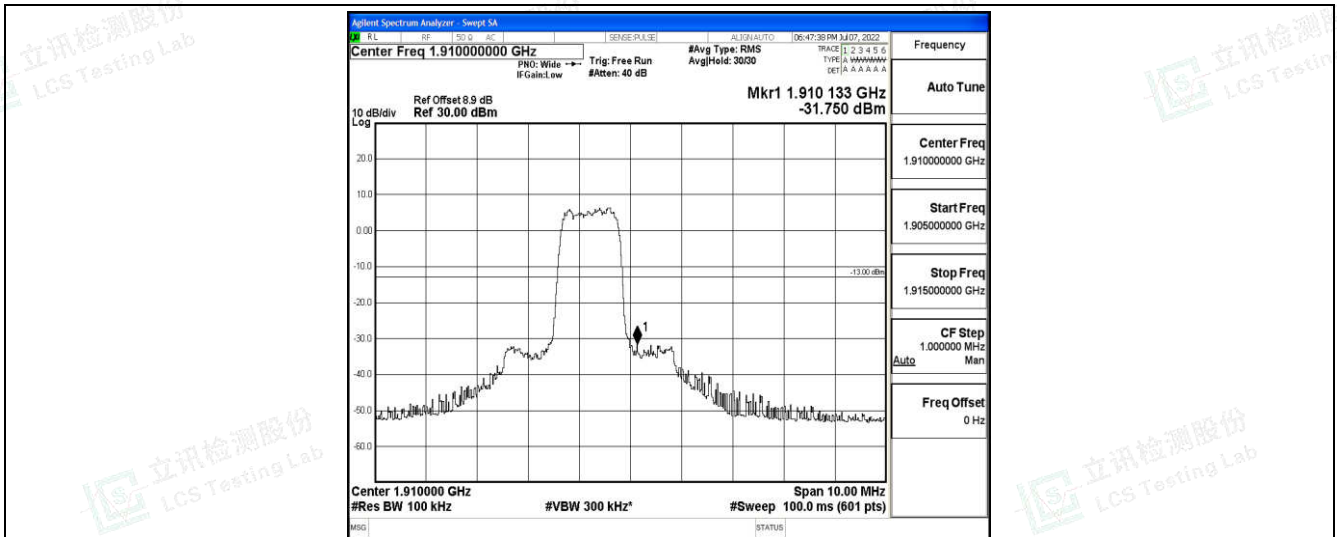
Band2-5MHz-QPSK-19175-6-0-High--31.41-PASS



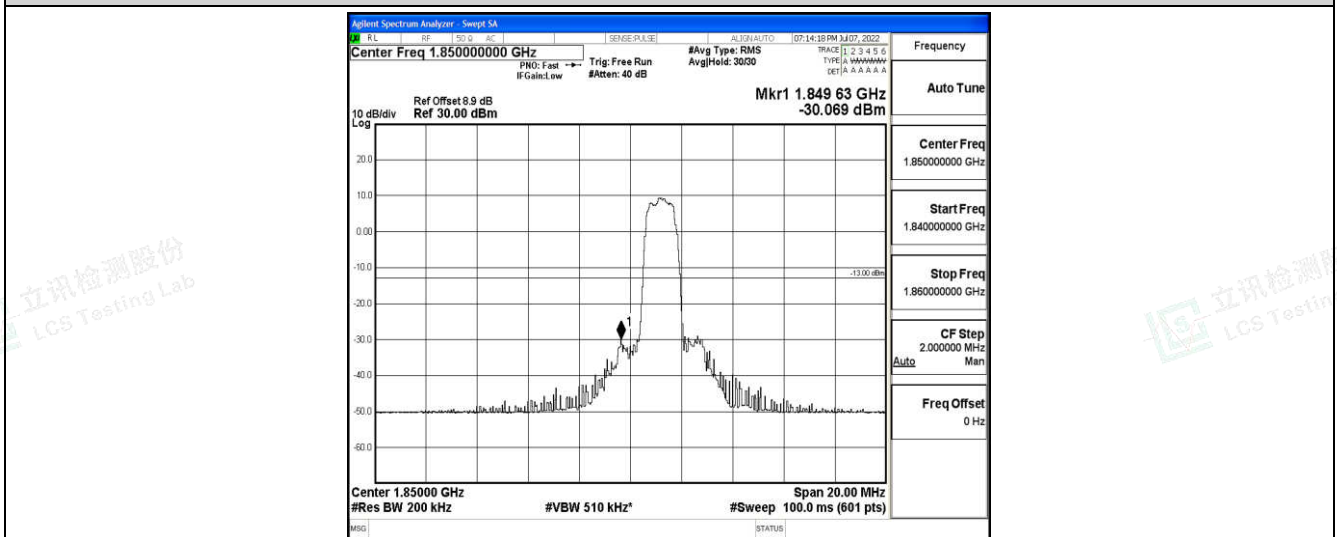
Band2-5MHz-16QAM-18625-6-0-Low--31.66-PASS



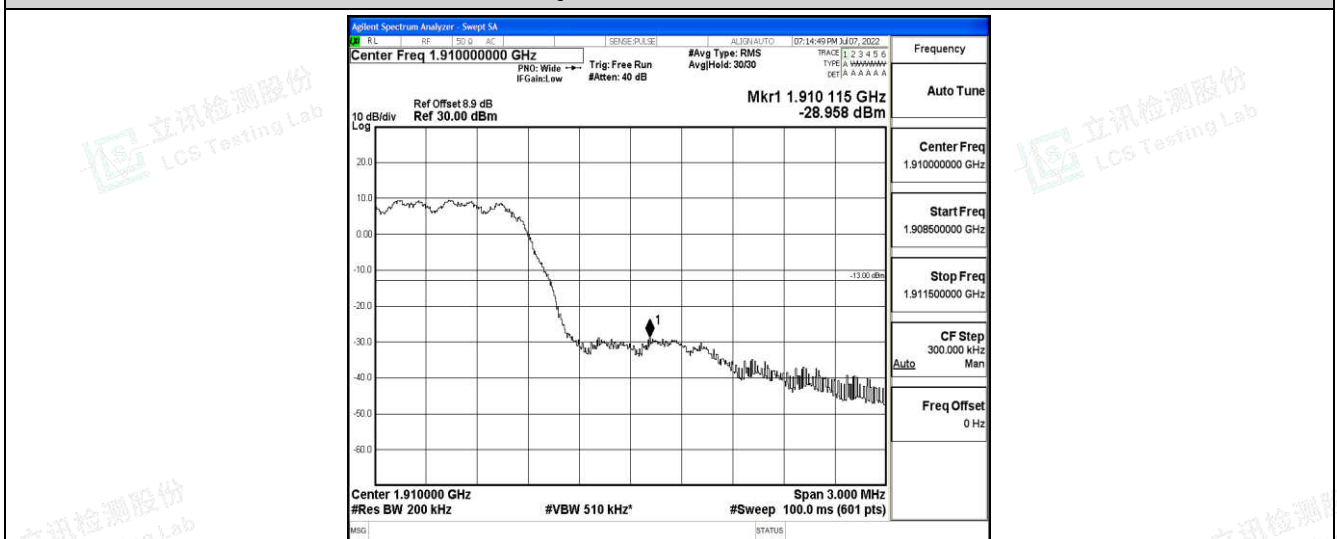
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Band2-5MHz-16QAM-19175-6-0-High--31.75-PASS



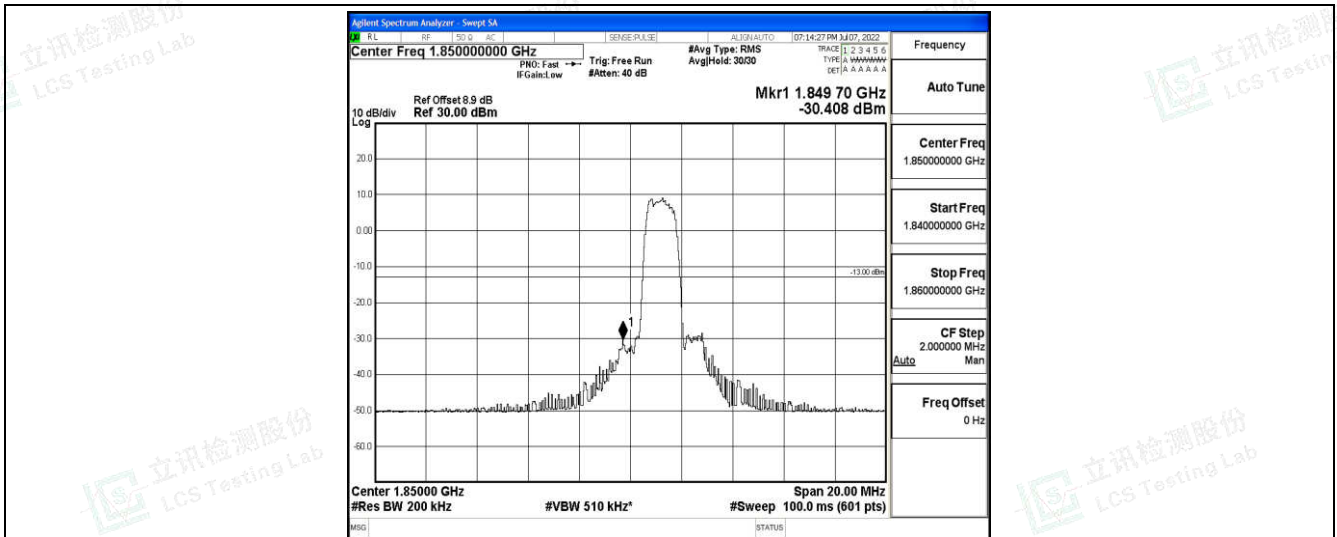
Band2-10MHz-QPSK-18650-6-0-Low--30.07-PASS



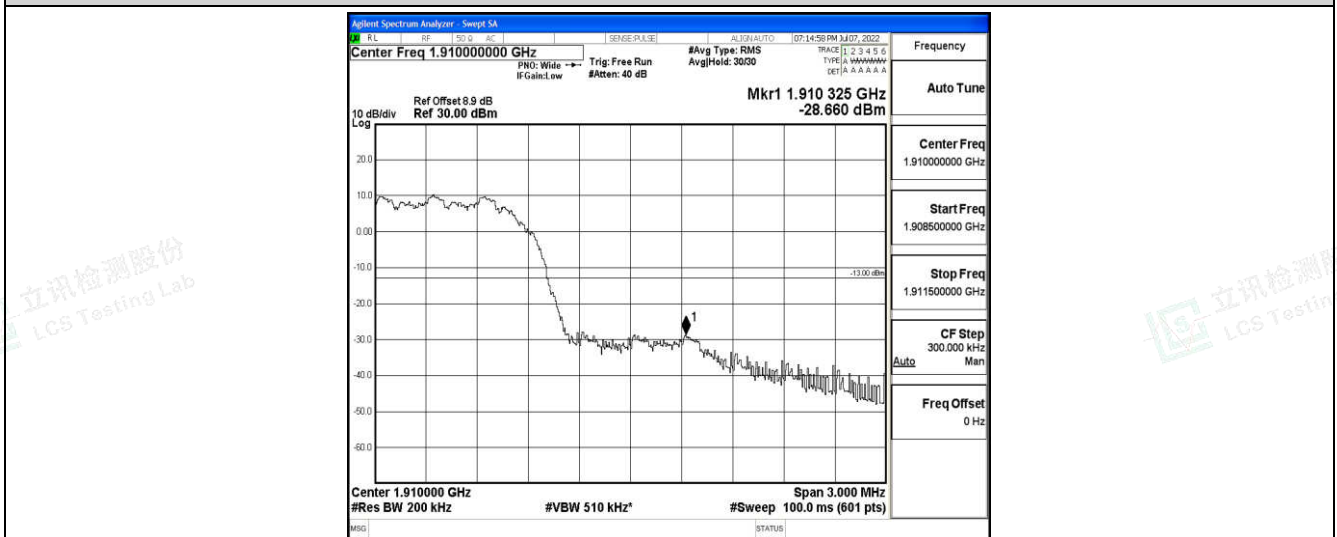
Band2-10MHz-QPSK-19150-6-0-High--28.96-PASS



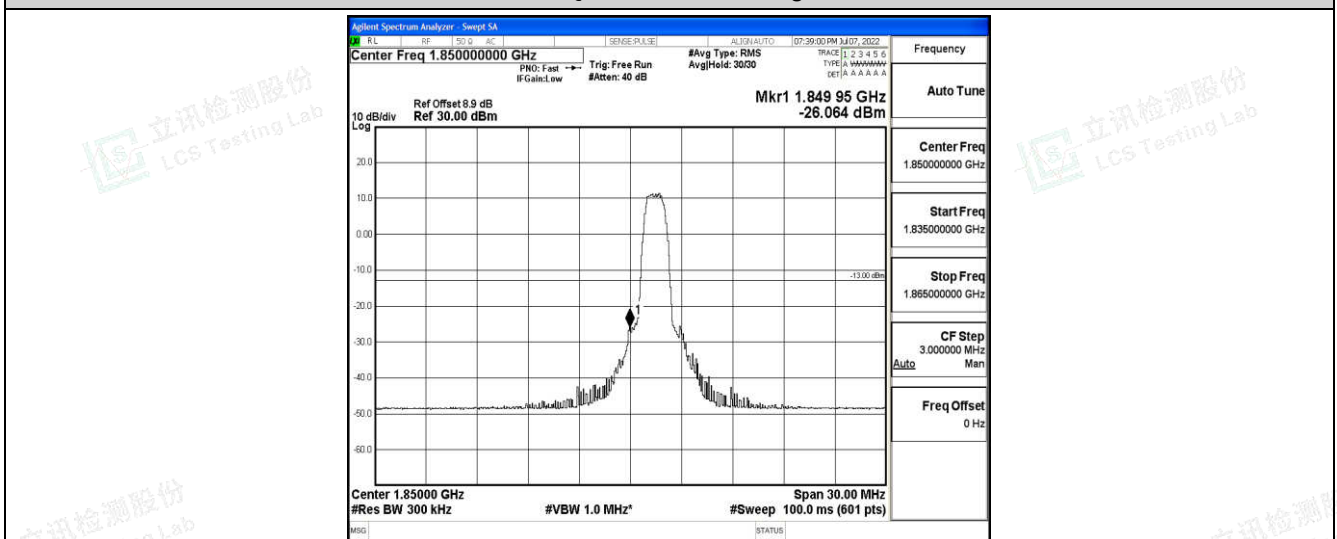
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Band2-10MHz-16QAM-18650-6-0-Low--30.41-PASS



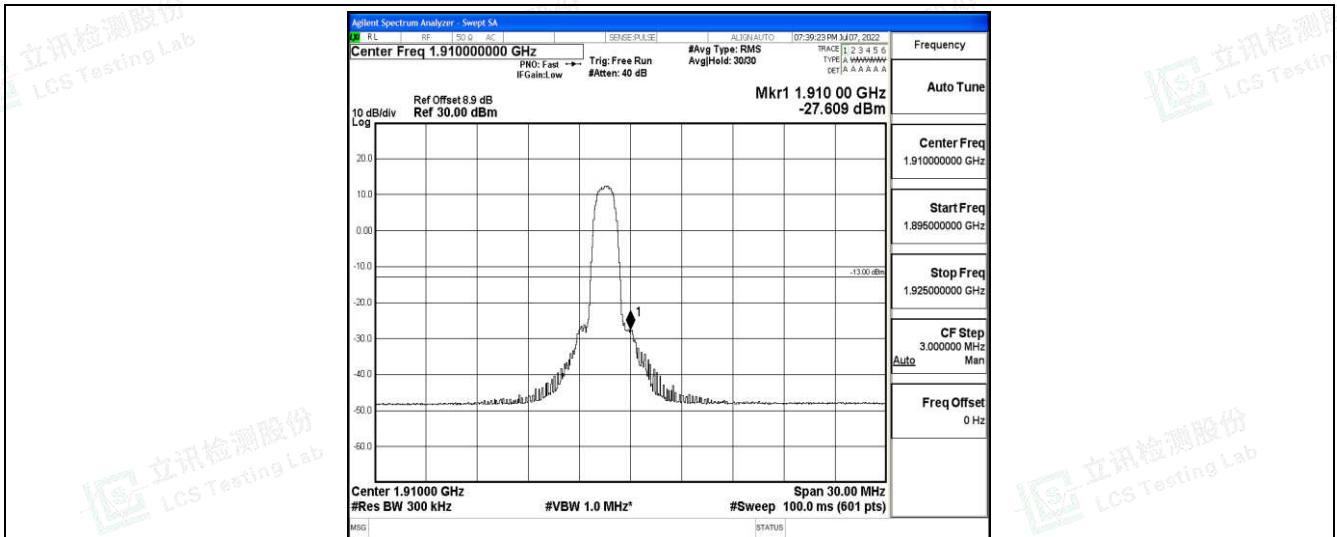
Band2-10MHz-16QAM-19150-6-0-High--28.66-PASS



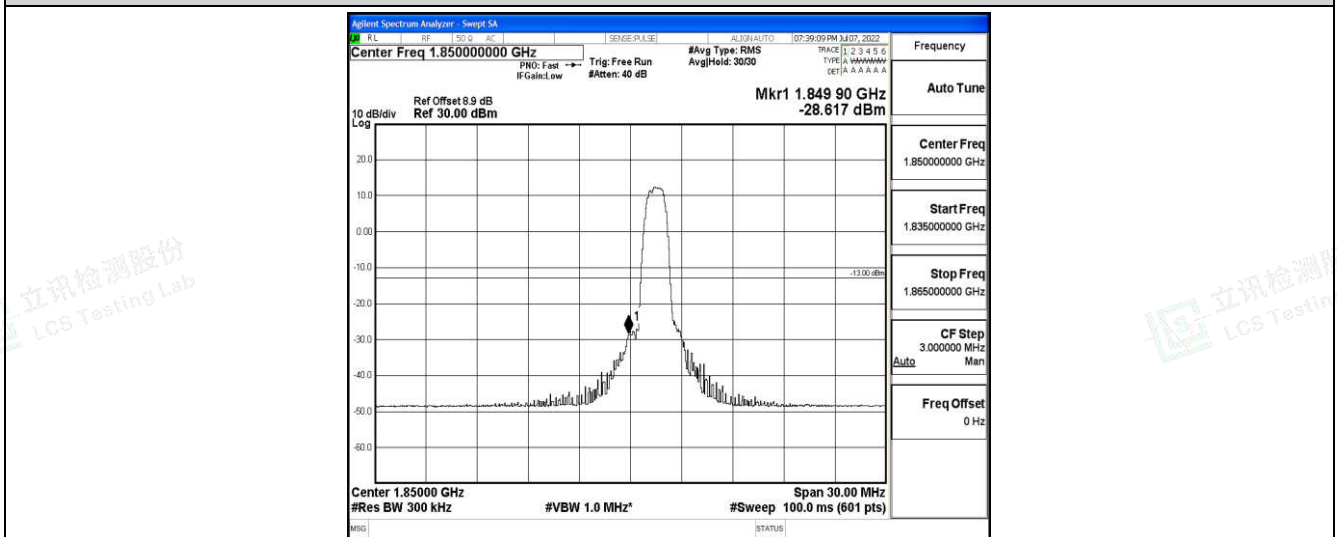
Band2-15MHz-QPSK-18675-6-0-Low--26.06-PASS



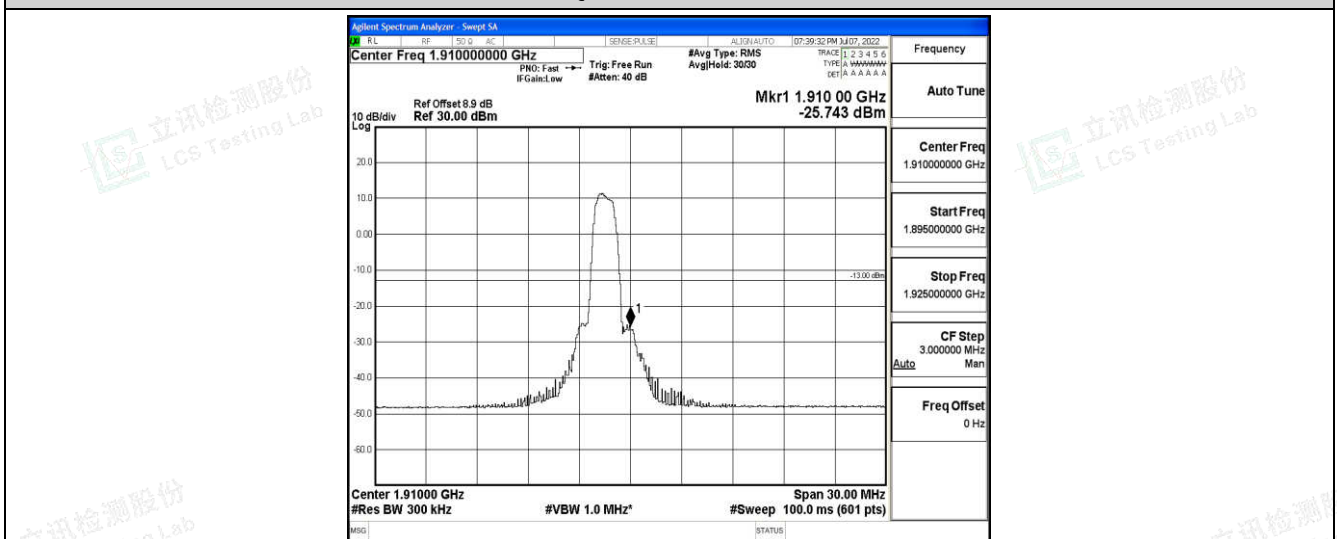
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Band2-15MHz-QPSK-19125-6-0-High--27.61-PASS



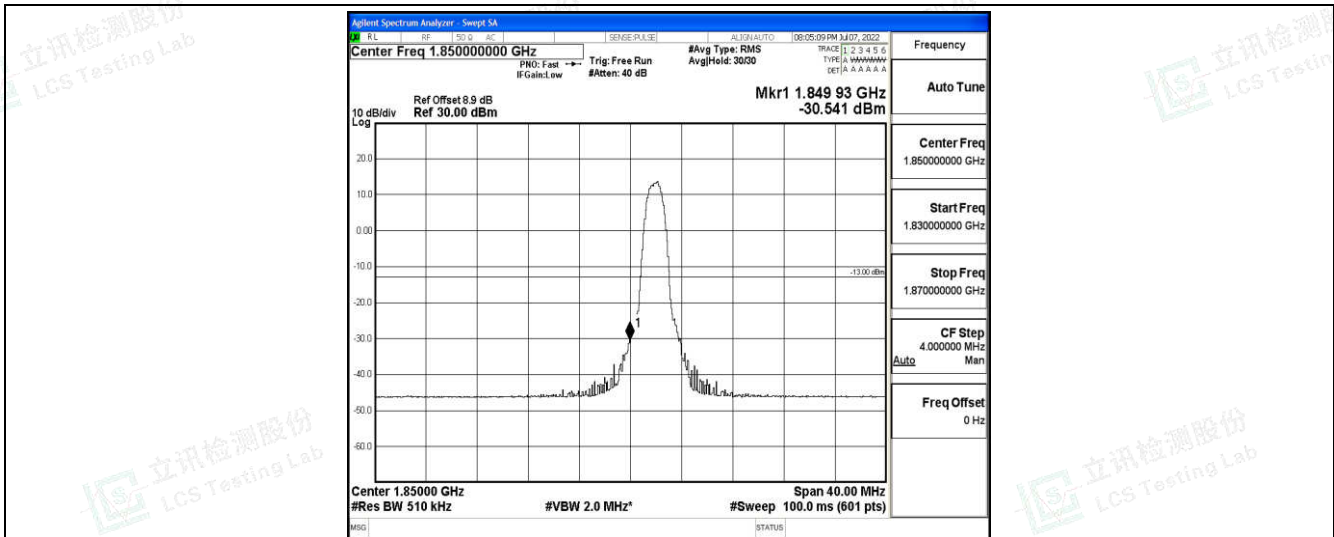
Band2-15MHz-16QAM-18675-6-0-Low--28.62-PASS



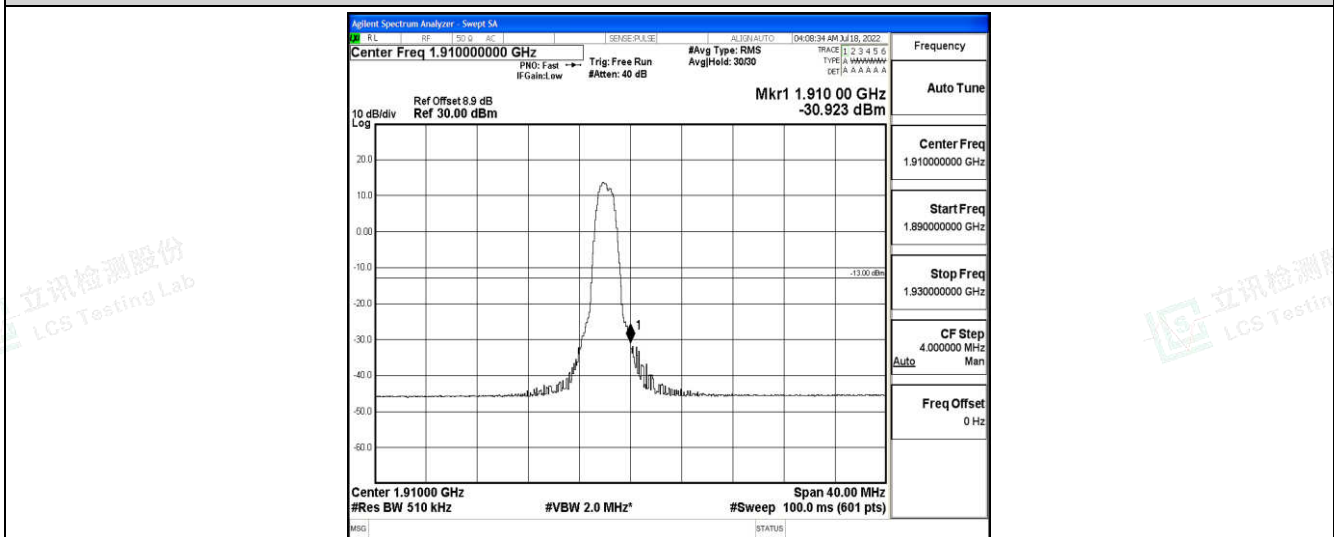
Band2-15MHz-16QAM-19125-6-0-High--25.74-PASS



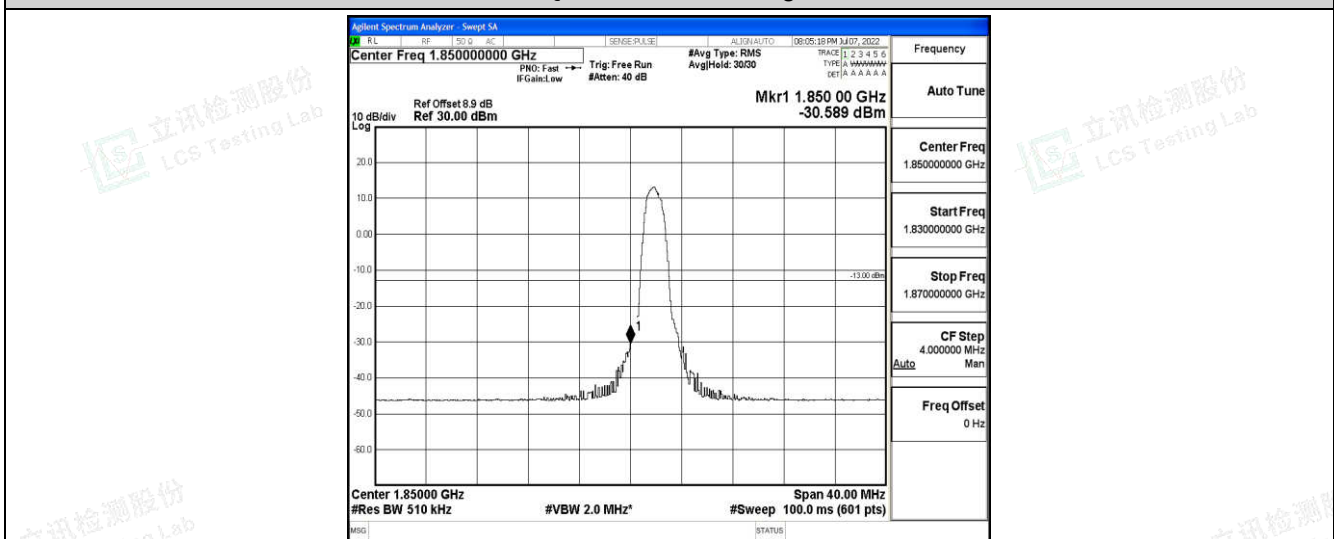
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Band2-20MHz-QPSK-18700-6-0-Low--30.54-PASS



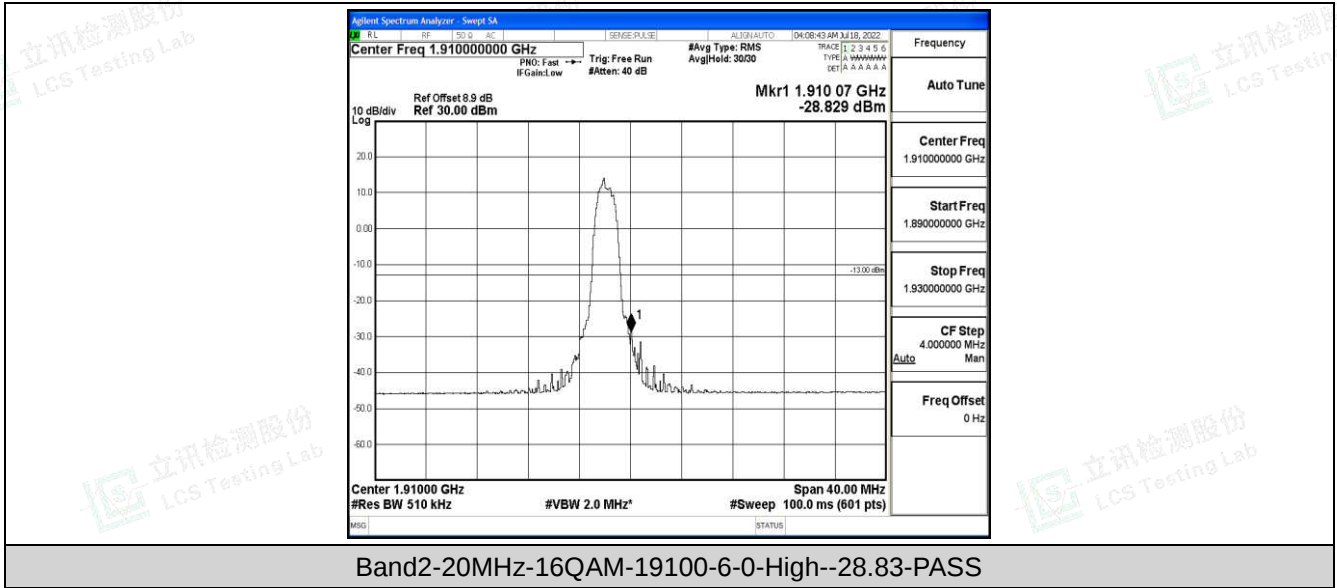
Band2-20MHz-QPSK-19100-6-0-High--30.92-PASS



Band2-20MHz-16QAM-18700-6-0-Low--30.59-PASS



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## F.5 Conducted Spurious Emission for M1

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Size | RB Start | NB Index | Start Freq | Stop Freq | Result (dBm) | Verdict |
|-------|-----------|------------|---------|---------|----------|----------|------------|-----------|--------------|---------|
| Band2 | 1.4MHz    | 18607      | QPSK    | 1       | 0        | Low      | 30         | 1000      | -35.89       | PASS    |
| Band2 | 1.4MHz    | 18607      | QPSK    | 1       | 0        | Low      | 1000       | 5000      | -39.48       | PASS    |
| Band2 | 1.4MHz    | 18607      | QPSK    | 1       | 0        | Low      | 5000       | 12000     | -57.53       | PASS    |
| Band2 | 1.4MHz    | 18607      | QPSK    | 1       | 0        | Low      | 12000      | 26500     | -42.64       | PASS    |
| Band2 | 1.4MHz    | 18900      | QPSK    | 1       | 0        | Low      | 30         | 1000      | -35.05       | PASS    |
| Band2 | 1.4MHz    | 18900      | QPSK    | 1       | 0        | Low      | 1000       | 5000      | -41.26       | PASS    |
| Band2 | 1.4MHz    | 18900      | QPSK    | 1       | 0        | Low      | 5000       | 12000     | -57.53       | PASS    |
| Band2 | 1.4MHz    | 18900      | QPSK    | 1       | 0        | Low      | 12000      | 26500     | -42.53       | PASS    |
| Band2 | 1.4MHz    | 19193      | QPSK    | 1       | 0        | High     | 30         | 1000      | -35.89       | PASS    |
| Band2 | 1.4MHz    | 19193      | QPSK    | 1       | 0        | High     | 1000       | 5000      | -39.71       | PASS    |
| Band2 | 1.4MHz    | 19193      | QPSK    | 1       | 0        | High     | 5000       | 12000     | -57.43       | PASS    |
| Band2 | 1.4MHz    | 19193      | QPSK    | 1       | 0        | High     | 12000      | 26500     | -42.67       | PASS    |
| Band2 | 1.4MHz    | 18607      | 16QAM   | 1       | 0        | Low      | 30         | 1000      | -35.51       | PASS    |
| Band2 | 1.4MHz    | 18607      | 16QAM   | 1       | 0        | Low      | 1000       | 5000      | -39.73       | PASS    |
| Band2 | 1.4MHz    | 18607      | 16QAM   | 1       | 0        | Low      | 5000       | 12000     | -57.37       | PASS    |
| Band2 | 1.4MHz    | 18607      | 16QAM   | 1       | 0        | Low      | 12000      | 26500     | -42.57       | PASS    |
| Band2 | 1.4MHz    | 18900      | 16QAM   | 1       | 0        | Low      | 30         | 1000      | -35.37       | PASS    |
| Band2 | 1.4MHz    | 18900      | 16QAM   | 1       | 0        | Low      | 1000       | 5000      | -40.43       | PASS    |
| Band2 | 1.4MHz    | 18900      | 16QAM   | 1       | 0        | Low      | 5000       | 12000     | -57.31       | PASS    |
| Band2 | 1.4MHz    | 18900      | 16QAM   | 1       | 0        | Low      | 12000      | 26500     | -42.47       | PASS    |
| Band2 | 1.4MHz    | 19193      | 16QAM   | 1       | 0        | High     | 30         | 1000      | -35.16       | PASS    |
| Band2 | 1.4MHz    | 19193      | 16QAM   | 1       | 0        | High     | 1000       | 5000      | -41.21       | PASS    |
| Band2 | 1.4MHz    | 19193      | 16QAM   | 1       | 0        | High     | 5000       | 12000     | -57.54       | PASS    |
| Band2 | 1.4MHz    | 19193      | 16QAM   | 1       | 0        | High     | 12000      | 26500     | -42.75       | PASS    |
| Band2 | 3MHz      | 18615      | QPSK    | 1       | 0        | Low      | 30         | 1000      | -35.41       | PASS    |
| Band2 | 3MHz      | 18615      | QPSK    | 1       | 0        | Low      | 1000       | 5000      | -39.06       | PASS    |
| Band2 | 3MHz      | 18615      | QPSK    | 1       | 0        | Low      | 5000       | 12000     | -57.46       | PASS    |
| Band2 | 3MHz      | 18615      | QPSK    | 1       | 0        | Low      | 12000      | 26500     | -42.48       | PASS    |
| Band2 | 3MHz      | 18900      | QPSK    | 1       | 0        | Low      | 30         | 1000      | -35.77       | PASS    |
| Band2 | 3MHz      | 18900      | QPSK    | 1       | 0        | Low      | 1000       | 5000      | -39.05       | PASS    |
| Band2 | 3MHz      | 18900      | QPSK    | 1       | 0        | Low      | 5000       | 12000     | -57.35       | PASS    |
| Band2 | 3MHz      | 18900      | QPSK    | 1       | 0        | Low      | 12000      | 26500     | -42.74       | PASS    |
| Band2 | 3MHz      | 19185      | QPSK    | 1       | 0        | High     | 30         | 1000      | -34.92       | PASS    |



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|       |       |       |       |   |   |      |       |       |        |      |
|-------|-------|-------|-------|---|---|------|-------|-------|--------|------|
| Band2 | 3MHz  | 19185 | QPSK  | 1 | 0 | High | 1000  | 5000  | -39.31 | PASS |
| Band2 | 3MHz  | 19185 | QPSK  | 1 | 0 | High | 5000  | 12000 | -57.51 | PASS |
| Band2 | 3MHz  | 19185 | QPSK  | 1 | 0 | High | 12000 | 26500 | -42.54 | PASS |
| Band2 | 3MHz  | 18615 | 16QAM | 1 | 0 | Low  | 30    | 1000  | -35.59 | PASS |
| Band2 | 3MHz  | 18615 | 16QAM | 1 | 0 | Low  | 1000  | 5000  | -39.82 | PASS |
| Band2 | 3MHz  | 18615 | 16QAM | 1 | 0 | Low  | 5000  | 12000 | -57.38 | PASS |
| Band2 | 3MHz  | 18615 | 16QAM | 1 | 0 | Low  | 12000 | 26500 | -42.72 | PASS |
| Band2 | 3MHz  | 18900 | 16QAM | 1 | 0 | Low  | 30    | 1000  | -35.72 | PASS |
| Band2 | 3MHz  | 18900 | 16QAM | 1 | 0 | Low  | 1000  | 5000  | -40.35 | PASS |
| Band2 | 3MHz  | 18900 | 16QAM | 1 | 0 | Low  | 5000  | 12000 | -57.39 | PASS |
| Band2 | 3MHz  | 18900 | 16QAM | 1 | 0 | Low  | 12000 | 26500 | -42.74 | PASS |
| Band2 | 3MHz  | 19185 | 16QAM | 1 | 0 | High | 30    | 1000  | -35.53 | PASS |
| Band2 | 3MHz  | 19185 | 16QAM | 1 | 0 | High | 1000  | 5000  | -40.12 | PASS |
| Band2 | 3MHz  | 19185 | 16QAM | 1 | 0 | High | 5000  | 12000 | -57.47 | PASS |
| Band2 | 3MHz  | 19185 | 16QAM | 1 | 0 | High | 12000 | 26500 | -42.55 | PASS |
| Band2 | 5MHz  | 18625 | QPSK  | 1 | 0 | Low  | 30    | 1000  | -36.03 | PASS |
| Band2 | 5MHz  | 18625 | QPSK  | 1 | 0 | Low  | 1000  | 5000  | -39.42 | PASS |
| Band2 | 5MHz  | 18625 | QPSK  | 1 | 0 | Low  | 5000  | 12000 | -57.4  | PASS |
| Band2 | 5MHz  | 18625 | QPSK  | 1 | 0 | Low  | 12000 | 26500 | -42.61 | PASS |
| Band2 | 5MHz  | 18900 | QPSK  | 1 | 0 | Low  | 30    | 1000  | -35.75 | PASS |
| Band2 | 5MHz  | 18900 | QPSK  | 1 | 0 | Low  | 1000  | 5000  | -38.98 | PASS |
| Band2 | 5MHz  | 18900 | QPSK  | 1 | 0 | Low  | 5000  | 12000 | -57.43 | PASS |
| Band2 | 5MHz  | 18900 | QPSK  | 1 | 0 | Low  | 12000 | 26500 | -42.52 | PASS |
| Band2 | 5MHz  | 19175 | QPSK  | 1 | 0 | High | 30    | 1000  | -35.36 | PASS |
| Band2 | 5MHz  | 19175 | QPSK  | 1 | 0 | High | 1000  | 5000  | -39.19 | PASS |
| Band2 | 5MHz  | 19175 | QPSK  | 1 | 0 | High | 5000  | 12000 | -57.49 | PASS |
| Band2 | 5MHz  | 19175 | QPSK  | 1 | 0 | High | 12000 | 26500 | -42.62 | PASS |
| Band2 | 5MHz  | 18625 | 16QAM | 1 | 0 | Low  | 30    | 1000  | -35.65 | PASS |
| Band2 | 5MHz  | 18625 | 16QAM | 1 | 0 | Low  | 1000  | 5000  | -39.02 | PASS |
| Band2 | 5MHz  | 18625 | 16QAM | 1 | 0 | Low  | 5000  | 12000 | -57.25 | PASS |
| Band2 | 5MHz  | 18625 | 16QAM | 1 | 0 | Low  | 12000 | 26500 | -42.55 | PASS |
| Band2 | 5MHz  | 18900 | 16QAM | 1 | 0 | Low  | 30    | 1000  | -35.7  | PASS |
| Band2 | 5MHz  | 18900 | 16QAM | 1 | 0 | Low  | 1000  | 5000  | -39.27 | PASS |
| Band2 | 5MHz  | 18900 | 16QAM | 1 | 0 | Low  | 5000  | 12000 | -57.54 | PASS |
| Band2 | 5MHz  | 18900 | 16QAM | 1 | 0 | Low  | 12000 | 26500 | -42.48 | PASS |
| Band2 | 5MHz  | 19175 | 16QAM | 1 | 0 | High | 30    | 1000  | -35.26 | PASS |
| Band2 | 5MHz  | 19175 | 16QAM | 1 | 0 | High | 1000  | 5000  | -39.85 | PASS |
| Band2 | 5MHz  | 19175 | 16QAM | 1 | 0 | High | 5000  | 12000 | -57.49 | PASS |
| Band2 | 5MHz  | 19175 | 16QAM | 1 | 0 | High | 12000 | 26500 | -42.58 | PASS |
| Band2 | 10MHz | 18650 | QPSK  | 1 | 0 | Low  | 30    | 1000  | -35.13 | PASS |



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|       |       |       |       |   |   |      |       |       |        |      |
|-------|-------|-------|-------|---|---|------|-------|-------|--------|------|
| Band2 | 10MHz | 18650 | QPSK  | 1 | 0 | Low  | 1000  | 5000  | -39.42 | PASS |
| Band2 | 10MHz | 18650 | QPSK  | 1 | 0 | Low  | 5000  | 12000 | -57.57 | PASS |
| Band2 | 10MHz | 18650 | QPSK  | 1 | 0 | Low  | 12000 | 26500 | -42.65 | PASS |
| Band2 | 10MHz | 18900 | QPSK  | 1 | 0 | Low  | 30    | 1000  | -35.82 | PASS |
| Band2 | 10MHz | 18900 | QPSK  | 1 | 0 | Low  | 1000  | 5000  | -39.55 | PASS |
| Band2 | 10MHz | 18900 | QPSK  | 1 | 0 | Low  | 5000  | 12000 | -57.56 | PASS |
| Band2 | 10MHz | 18900 | QPSK  | 1 | 0 | Low  | 12000 | 26500 | -42.53 | PASS |
| Band2 | 10MHz | 19150 | QPSK  | 1 | 0 | High | 30    | 1000  | -35.17 | PASS |
| Band2 | 10MHz | 19150 | QPSK  | 1 | 0 | High | 1000  | 5000  | -39.22 | PASS |
| Band2 | 10MHz | 19150 | QPSK  | 1 | 0 | High | 5000  | 12000 | -57.49 | PASS |
| Band2 | 10MHz | 19150 | QPSK  | 1 | 0 | High | 12000 | 26500 | -42.46 | PASS |
| Band2 | 10MHz | 18650 | 16QAM | 1 | 0 | Low  | 30    | 1000  | -35.5  | PASS |
| Band2 | 10MHz | 18650 | 16QAM | 1 | 0 | Low  | 1000  | 5000  | -39.44 | PASS |
| Band2 | 10MHz | 18650 | 16QAM | 1 | 0 | Low  | 5000  | 12000 | -57.53 | PASS |
| Band2 | 10MHz | 18650 | 16QAM | 1 | 0 | Low  | 12000 | 26500 | -42.59 | PASS |
| Band2 | 10MHz | 18900 | 16QAM | 1 | 0 | Low  | 30    | 1000  | -35.74 | PASS |
| Band2 | 10MHz | 18900 | 16QAM | 1 | 0 | Low  | 1000  | 5000  | -41.09 | PASS |
| Band2 | 10MHz | 18900 | 16QAM | 1 | 0 | Low  | 5000  | 12000 | -57.51 | PASS |
| Band2 | 10MHz | 18900 | 16QAM | 1 | 0 | Low  | 12000 | 26500 | -42.63 | PASS |
| Band2 | 10MHz | 19150 | 16QAM | 1 | 0 | High | 30    | 1000  | -35.2  | PASS |
| Band2 | 10MHz | 19150 | 16QAM | 1 | 0 | High | 1000  | 5000  | -39.73 | PASS |
| Band2 | 10MHz | 19150 | 16QAM | 1 | 0 | High | 5000  | 12000 | -57.47 | PASS |
| Band2 | 10MHz | 19150 | 16QAM | 1 | 0 | High | 12000 | 26500 | -42.73 | PASS |
| Band2 | 15MHz | 18675 | QPSK  | 1 | 0 | Low  | 30    | 1000  | -35.14 | PASS |
| Band2 | 15MHz | 18675 | QPSK  | 1 | 0 | Low  | 1000  | 5000  | -39.3  | PASS |
| Band2 | 15MHz | 18675 | QPSK  | 1 | 0 | Low  | 5000  | 12000 | -57.61 | PASS |
| Band2 | 15MHz | 18675 | QPSK  | 1 | 0 | Low  | 12000 | 26500 | -42.65 | PASS |
| Band2 | 15MHz | 18900 | QPSK  | 1 | 0 | Low  | 30    | 1000  | -35.31 | PASS |
| Band2 | 15MHz | 18900 | QPSK  | 1 | 0 | Low  | 1000  | 5000  | -39.46 | PASS |
| Band2 | 15MHz | 18900 | QPSK  | 1 | 0 | Low  | 5000  | 12000 | -57.36 | PASS |
| Band2 | 15MHz | 18900 | QPSK  | 1 | 0 | Low  | 12000 | 26500 | -42.73 | PASS |
| Band2 | 15MHz | 19125 | QPSK  | 1 | 0 | High | 30    | 1000  | -35.4  | PASS |
| Band2 | 15MHz | 19125 | QPSK  | 1 | 0 | High | 1000  | 5000  | -39.56 | PASS |
| Band2 | 15MHz | 19125 | QPSK  | 1 | 0 | High | 5000  | 12000 | -57.49 | PASS |
| Band2 | 15MHz | 19125 | QPSK  | 1 | 0 | High | 12000 | 26500 | -42.62 | PASS |
| Band2 | 15MHz | 18675 | 16QAM | 1 | 0 | Low  | 30    | 1000  | -35.36 | PASS |
| Band2 | 15MHz | 18675 | 16QAM | 1 | 0 | Low  | 1000  | 5000  | -38.88 | PASS |
| Band2 | 15MHz | 18675 | 16QAM | 1 | 0 | Low  | 5000  | 12000 | -57.46 | PASS |
| Band2 | 15MHz | 18675 | 16QAM | 1 | 0 | Low  | 12000 | 26500 | -42.67 | PASS |
| Band2 | 15MHz | 18900 | 16QAM | 1 | 0 | Low  | 30    | 1000  | -35.81 | PASS |



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|       |       |       |       |   |   |      |       |       |        |      |
|-------|-------|-------|-------|---|---|------|-------|-------|--------|------|
| Band2 | 15MHz | 18900 | 16QAM | 1 | 0 | Low  | 1000  | 5000  | -38.55 | PASS |
| Band2 | 15MHz | 18900 | 16QAM | 1 | 0 | Low  | 5000  | 12000 | -57.48 | PASS |
| Band2 | 15MHz | 18900 | 16QAM | 1 | 0 | Low  | 12000 | 26500 | -42.63 | PASS |
| Band2 | 15MHz | 19125 | 16QAM | 1 | 0 | High | 30    | 1000  | -35.58 | PASS |
| Band2 | 15MHz | 19125 | 16QAM | 1 | 0 | High | 1000  | 5000  | -39.54 | PASS |
| Band2 | 15MHz | 19125 | 16QAM | 1 | 0 | High | 5000  | 12000 | -57.49 | PASS |
| Band2 | 15MHz | 19125 | 16QAM | 1 | 0 | High | 12000 | 26500 | -42.75 | PASS |
| Band2 | 20MHz | 18700 | QPSK  | 1 | 0 | Low  | 30    | 1000  | -35.34 | PASS |
| Band2 | 20MHz | 18700 | QPSK  | 1 | 0 | Low  | 1000  | 5000  | -40.14 | PASS |
| Band2 | 20MHz | 18700 | QPSK  | 1 | 0 | Low  | 5000  | 12000 | -57.35 | PASS |
| Band2 | 20MHz | 18700 | QPSK  | 1 | 0 | Low  | 12000 | 26500 | -42.63 | PASS |
| Band2 | 20MHz | 18900 | QPSK  | 1 | 0 | Low  | 30    | 1000  | -35.86 | PASS |
| Band2 | 20MHz | 18900 | QPSK  | 1 | 0 | Low  | 1000  | 5000  | -38.99 | PASS |
| Band2 | 20MHz | 18900 | QPSK  | 1 | 0 | Low  | 5000  | 12000 | -57.59 | PASS |
| Band2 | 20MHz | 18900 | QPSK  | 1 | 0 | Low  | 12000 | 26500 | -42.66 | PASS |
| Band2 | 20MHz | 19100 | QPSK  | 1 | 0 | High | 30    | 1000  | -35.39 | PASS |
| Band2 | 20MHz | 19100 | QPSK  | 1 | 0 | High | 1000  | 5000  | -39.46 | PASS |
| Band2 | 20MHz | 19100 | QPSK  | 1 | 0 | High | 5000  | 12000 | -57.42 | PASS |
| Band2 | 20MHz | 19100 | QPSK  | 1 | 0 | High | 12000 | 26500 | -42.57 | PASS |
| Band2 | 20MHz | 18700 | 16QAM | 1 | 0 | Low  | 30    | 1000  | -35.66 | PASS |
| Band2 | 20MHz | 18700 | 16QAM | 1 | 0 | Low  | 1000  | 5000  | -39.06 | PASS |
| Band2 | 20MHz | 18700 | 16QAM | 1 | 0 | Low  | 5000  | 12000 | -57.46 | PASS |
| Band2 | 20MHz | 18700 | 16QAM | 1 | 0 | Low  | 12000 | 26500 | -42.65 | PASS |
| Band2 | 20MHz | 18900 | 16QAM | 1 | 0 | Low  | 30    | 1000  | -34.33 | PASS |
| Band2 | 20MHz | 18900 | 16QAM | 1 | 0 | Low  | 1000  | 5000  | -39.09 | PASS |
| Band2 | 20MHz | 18900 | 16QAM | 1 | 0 | Low  | 5000  | 12000 | -57.51 | PASS |
| Band2 | 20MHz | 18900 | 16QAM | 1 | 0 | Low  | 12000 | 26500 | -42.66 | PASS |
| Band2 | 20MHz | 19100 | 16QAM | 1 | 0 | High | 30    | 1000  | -34.99 | PASS |
| Band2 | 20MHz | 19100 | 16QAM | 1 | 0 | High | 1000  | 5000  | -39.67 | PASS |
| Band2 | 20MHz | 19100 | 16QAM | 1 | 0 | High | 5000  | 12000 | -57.36 | PASS |
| Band2 | 20MHz | 19100 | 16QAM | 1 | 0 | High | 12000 | 26500 | -42.72 | PASS |



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