



## Appendix M: Test Data for NB1 Band 2

Product Name: IoTgo Track-Solar iot

Test Model: iot

### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 23.8°C    |
| Relative Humidity: | 52.1%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Can Kun   |
| Supervised by:     | Nick Peng |



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## M.1 Conducted Output Power Data for NB1

### Test Result

| Band  | OpMode      | SCS     | BW  | Modu | Channel | Tones | Result (dBm) | Limit (dBm) | Verdict |
|-------|-------------|---------|-----|------|---------|-------|--------------|-------------|---------|
| Band2 | Stand-Alone | 3.75kHz | NaN | BPSK | 18601   | 1@0   | 19.38        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | BPSK | 18601   | 1@47  | 19.17        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | BPSK | 18876   | 1@0   | 20.19        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | BPSK | 18876   | 1@47  | 20.12        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | BPSK | 19199   | 1@0   | 20.80        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | BPSK | 19199   | 1@47  | 20.74        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18601   | 1@0   | 19.29        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18601   | 1@47  | 19.27        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18876   | 1@0   | 20.29        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18876   | 1@47  | 20.12        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 19199   | 1@0   | 20.87        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 19199   | 1@47  | 20.71        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18601   | 1@0   | 19.17        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18601   | 1@11  | 19.08        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18601   | 3@3   | 19.06        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18876   | 1@0   | 20.03        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18876   | 1@11  | 19.92        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18876   | 3@3   | 20.09        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 19199   | 1@0   | 21.21        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 19199   | 1@11  | 20.99        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 19199   | 3@3   | 21.13        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 18601   | 1@0   | 19.31        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 18601   | 1@11  | 19.18        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 18601   | 3@3   | 19.08        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 18876   | 1@0   | 20.13        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 18876   | 1@11  | 20.03        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 18876   | 3@3   | 20.10        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 19199   | 1@0   | 21.31        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 19199   | 1@11  | 21.11        | -999 To 33  | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 19199   | 3@3   | 21.17        | -999 To 33  | PASS    |



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## M.2 Peak-to-Average Ratio(CCDF) for NB1

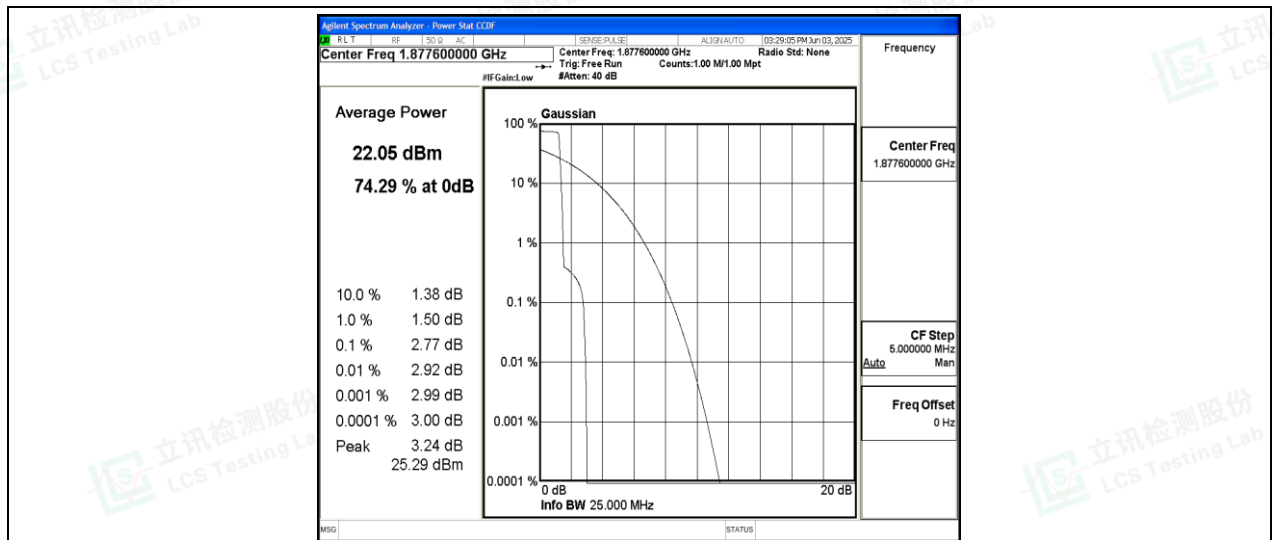
### Test Result

| Band  | OpMode      | SCS     | BW  | Modu | Channel | Tones | Result (dBm) | Limit (dBm) | Verdict |
|-------|-------------|---------|-----|------|---------|-------|--------------|-------------|---------|
| Band2 | Stand-Alone | 3.75kHz | NaN | BPSK | 18876   | 1@0   | 2.77         | <=13        | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | BPSK | 18876   | 1@47  | 2.81         | <=13        | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18876   | 1@0   | 3.69         | <=13        | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18876   | 1@47  | 3.05         | <=13        | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18876   | 1@0   | 5.34         | <=13        | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18876   | 1@11  | 4.84         | <=13        | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18876   | 3@3   | 11.57        | <=13        | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 18876   | 1@0   | 7.24         | <=13        | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 18876   | 1@11  | 5.45         | <=13        | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 18876   | 3@3   | 11.04        | <=13        | PASS    |

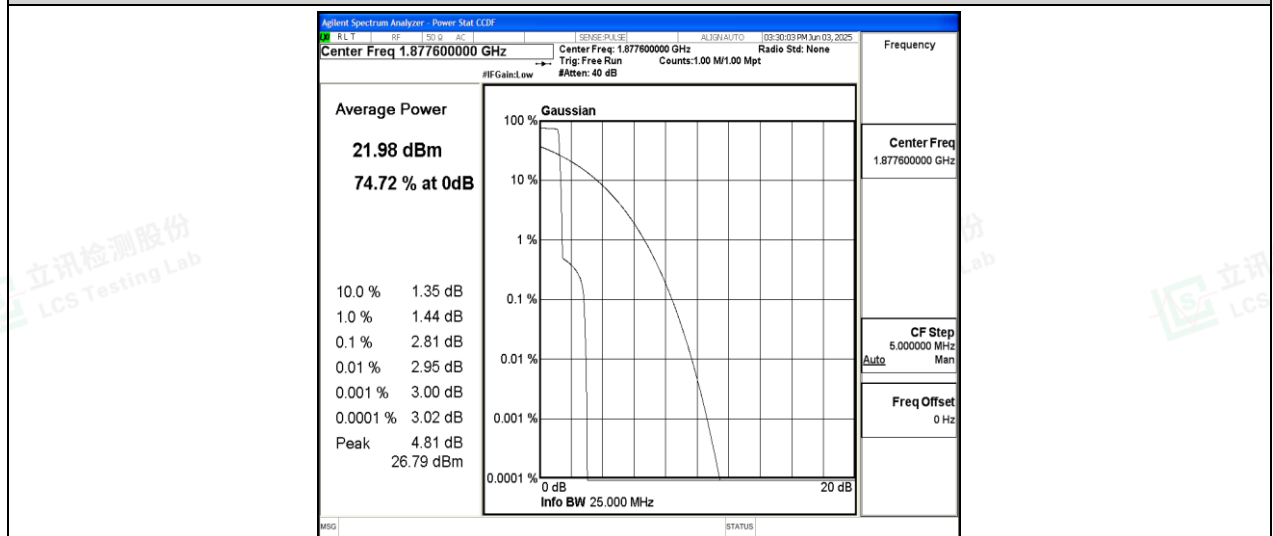




## Test Graphs

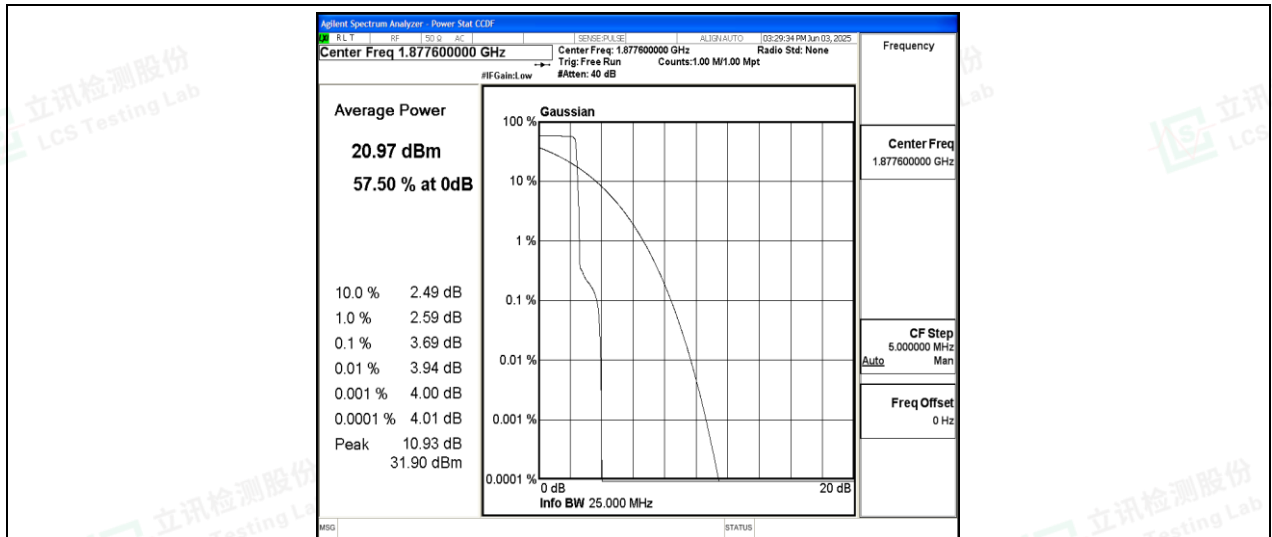


Band2-Stand-Alone-NaN-BPSK-18876-1@0-3.75kHz-2.77-<=13-PASS

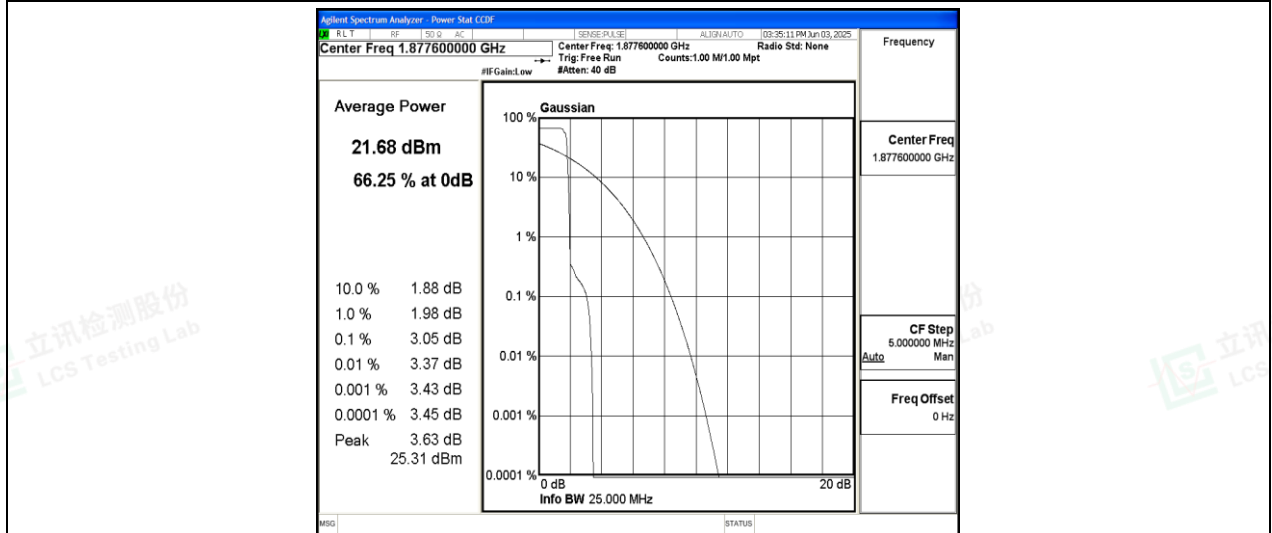


Band2-Stand-Alone-NaN-BPSK-18876-1@47-3.75kHz-2.81-<=13-PASS

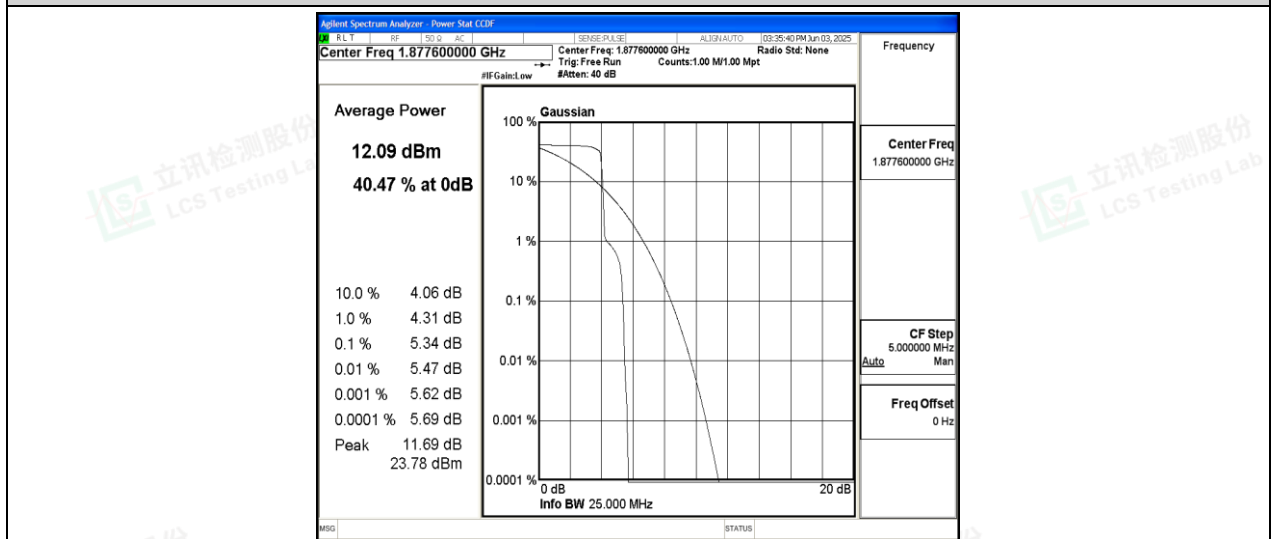




Band2-Stand-Alone-NaN-QPSK-18876-1@0-3.75kHz-3.69-&lt;=13-PASS

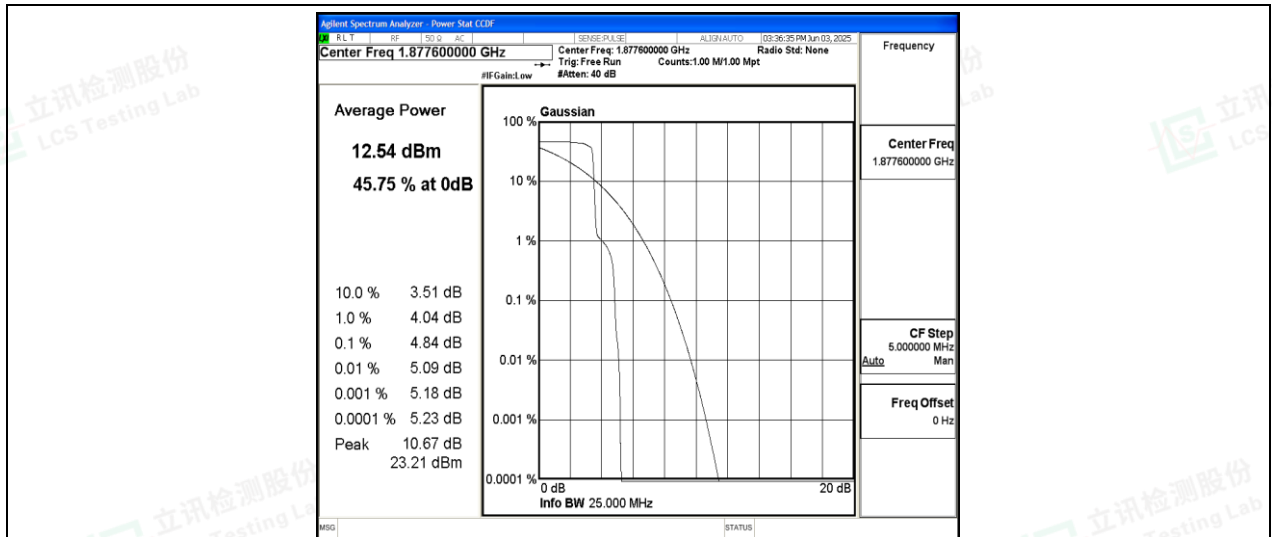


Band2-Stand-Alone-NaN-QPSK-18876-1@47-3.75kHz-3.05-&lt;=13-PASS

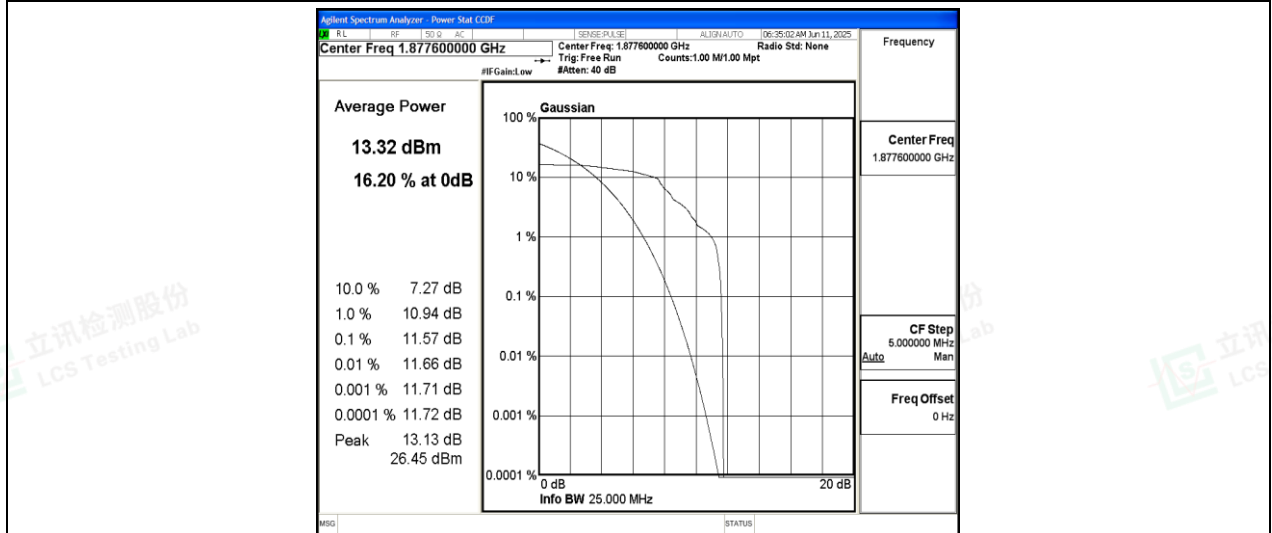


Band2-Stand-Alone-NaN-BPSK-18876-1@0-15kHz-5.34-&lt;=13-PASS

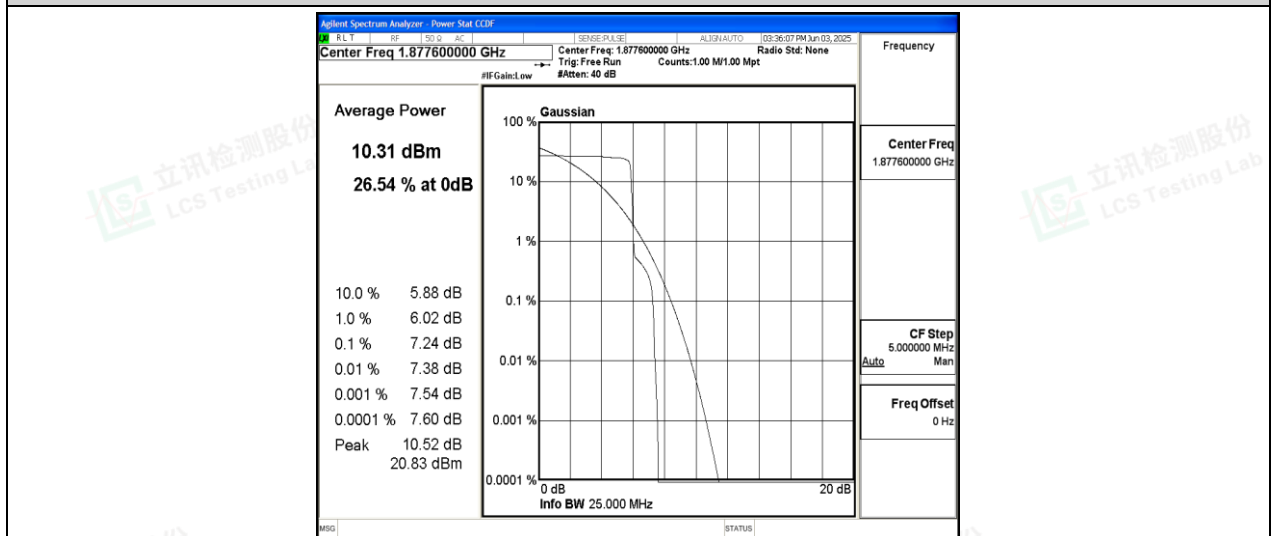




Band2-Stand-Alone-NaN-BPSK-18876-1@11-15kHz-4.84-≤13-PASS

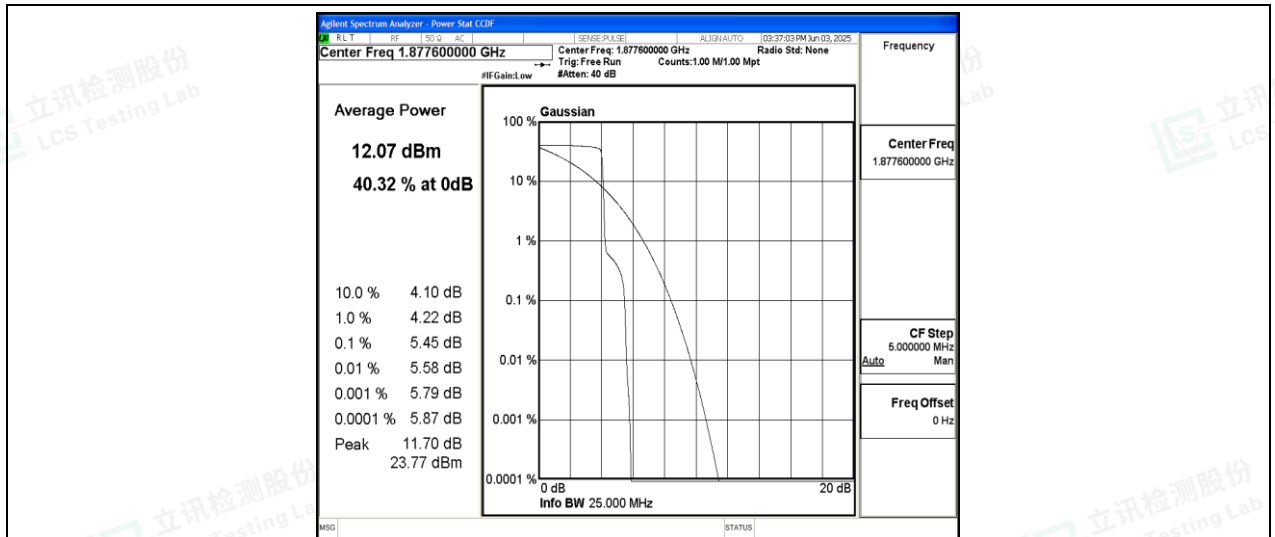


Band2-Stand-Alone-NaN-BPSK-18876-3@3-15kHz-11.57-≤13-PASS

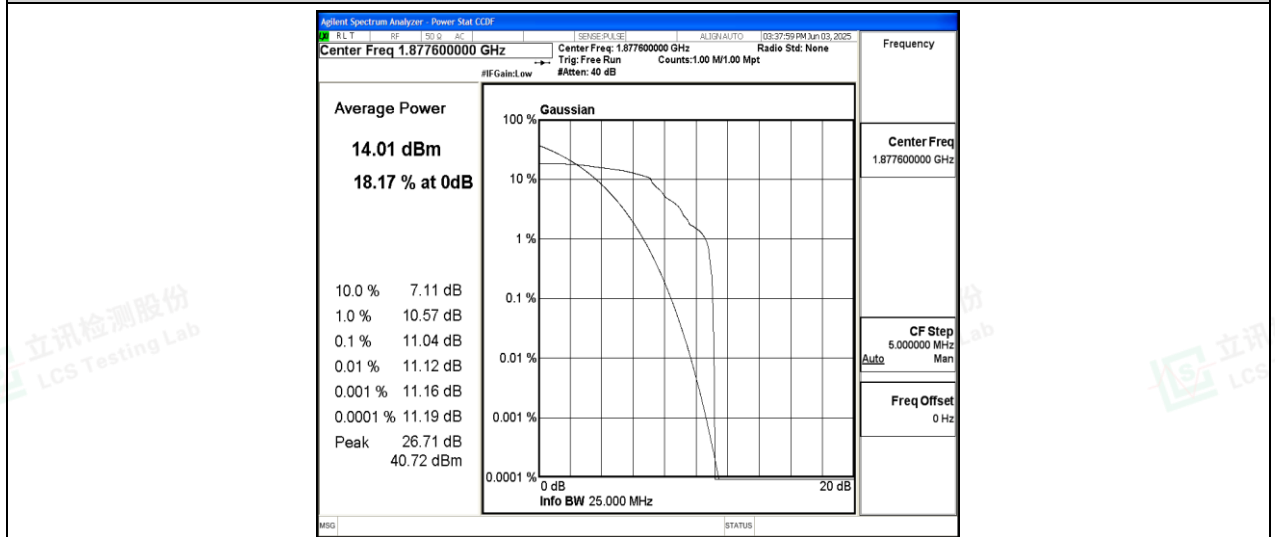


Band2-Stand-Alone-NaN-QPSK-18876-1@0-15kHz-7.24-≤13-PASS





Band2-Stand-Alone-NaN-QPSK-18876-1@11-15kHz-5.45-13-PASS



Band2-Stand-Alone-NaN-QPSK-18876-3@3-15kHz-11.04-13-PASS





### M.3 Emission Bandwidth for NB1

#### Test Result

| Band  | OpMode      | SCS     | BW  | Modu | Channel | Tones | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-------------|---------|-----|------|---------|-------|--------------------------|----------------------|---------|
| Band2 | Stand-Alone | 3.75kHz | NaN | BPSK | 18601   | 1@0   | 0.0688                   | 0.0493               | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | BPSK | 18876   | 1@0   | 0.0681                   | 0.0486               | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | BPSK | 19199   | 1@0   | 0.0673                   | 0.0484               | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18601   | 1@0   | 0.0769                   | 0.0505               | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18876   | 1@0   | 0.0770                   | 0.0505               | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 19199   | 1@0   | 0.0767                   | 0.0505               | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18601   | 1@0   | 0.1277                   | 0.1134               | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18601   | 12@0  | 0.1905                   | 0.2624               | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18876   | 1@0   | 0.1271                   | 0.1130               | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18876   | 12@0  | 0.1876                   | 0.2464               | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 19199   | 1@0   | 0.1253                   | 0.1053               | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 19199   | 12@0  | 0.1878                   | 0.2381               | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 18601   | 1@0   | 0.1263                   | 0.1151               | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 18601   | 12@0  | 0.1880                   | 0.2590               | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 18876   | 1@0   | 0.1226                   | 0.1169               | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 18876   | 12@0  | 0.1845                   | 0.2610               | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 19199   | 1@0   | 0.1259                   | 0.1293               | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 19199   | 12@0  | 0.1916                   | 0.2479               | PASS    |





## Test Graphs

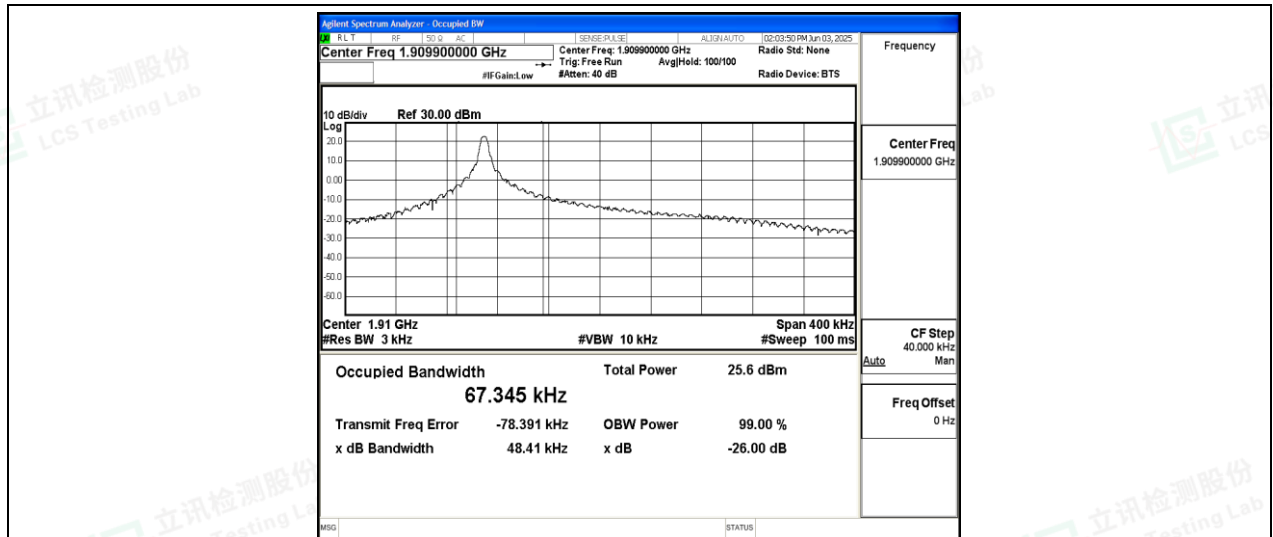


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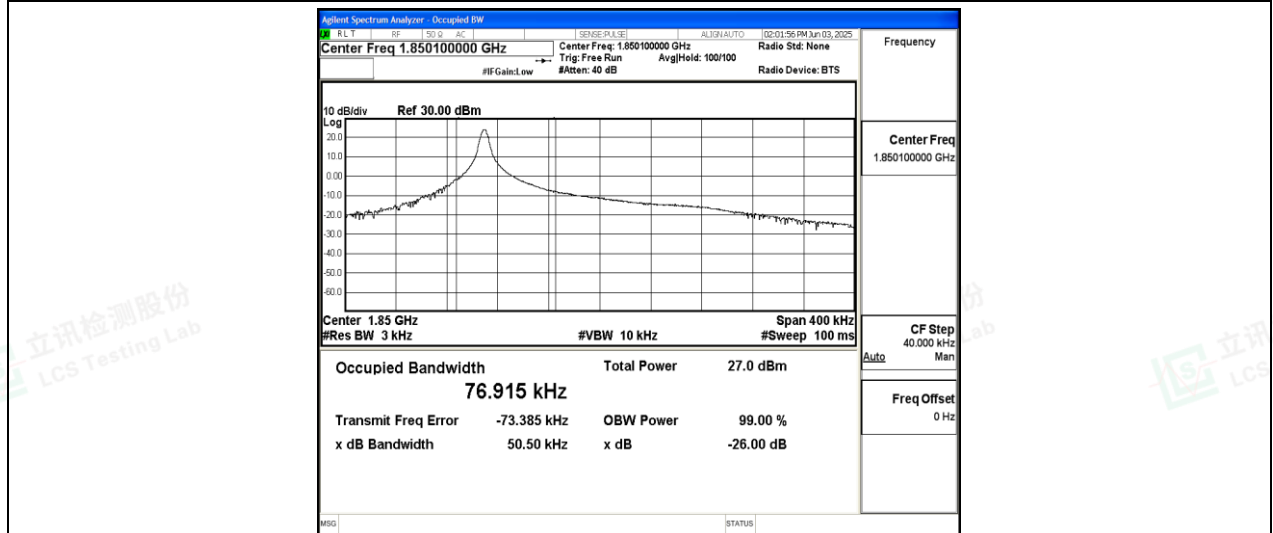
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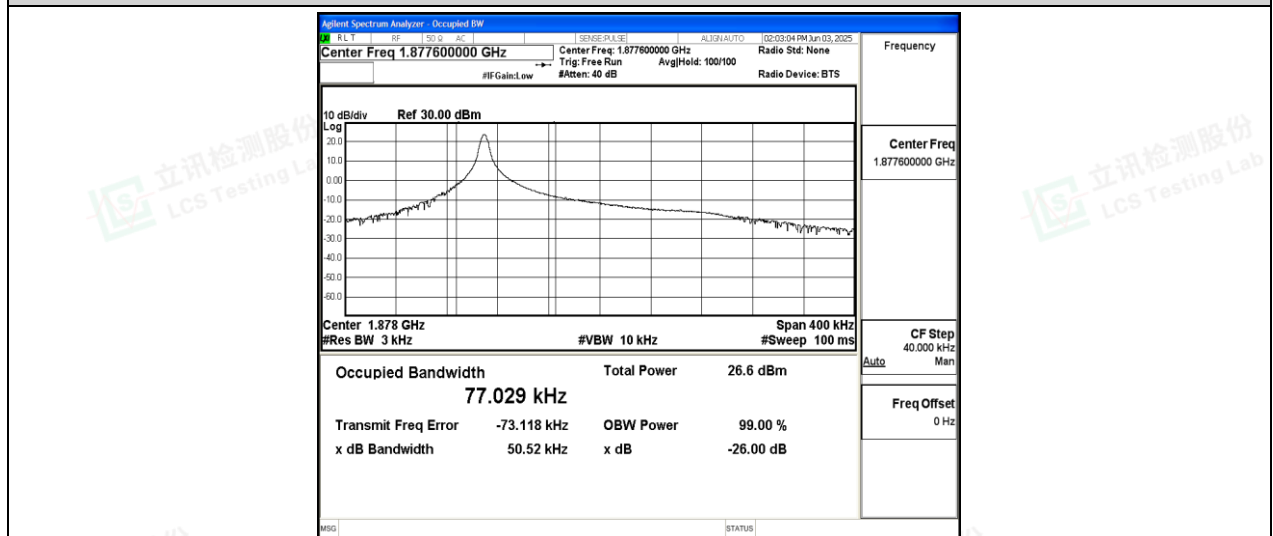
Scan code to check authenticity



Band2-Stand-Alone-NaN-BPSK-19199-1@0-3.75kHz-0.0484-PASS

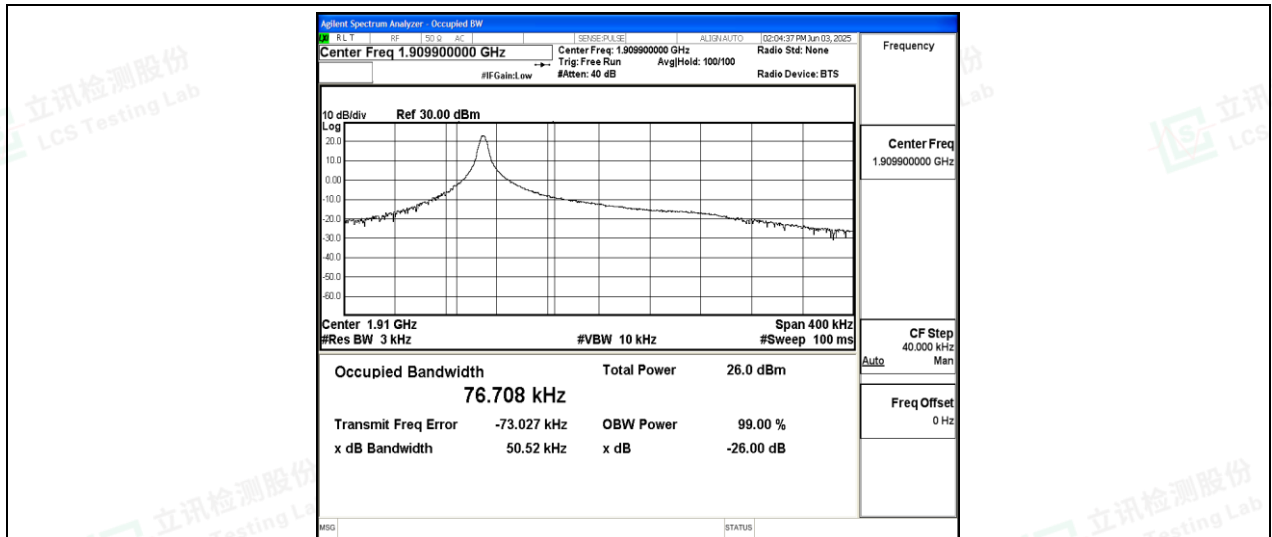


Band2-Stand-Alone-NaN-QPSK-18601-1@0-3.75kHz-0.0505-PASS

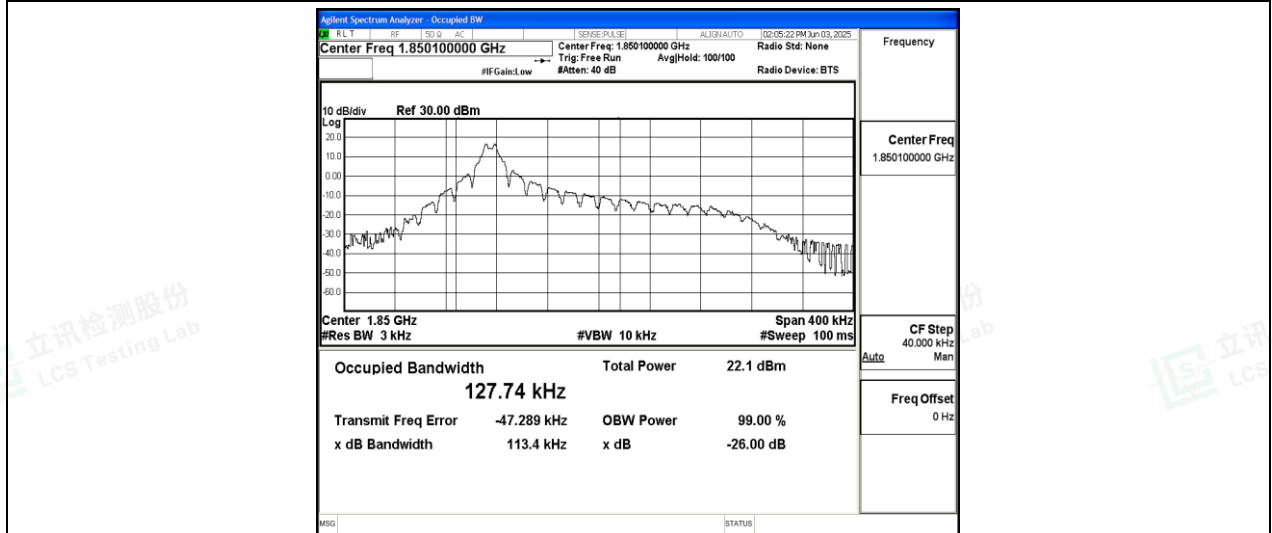


Band2-Stand-Alone-NaN-QPSK-18876-1@0-3.75kHz-0.0505-PASS

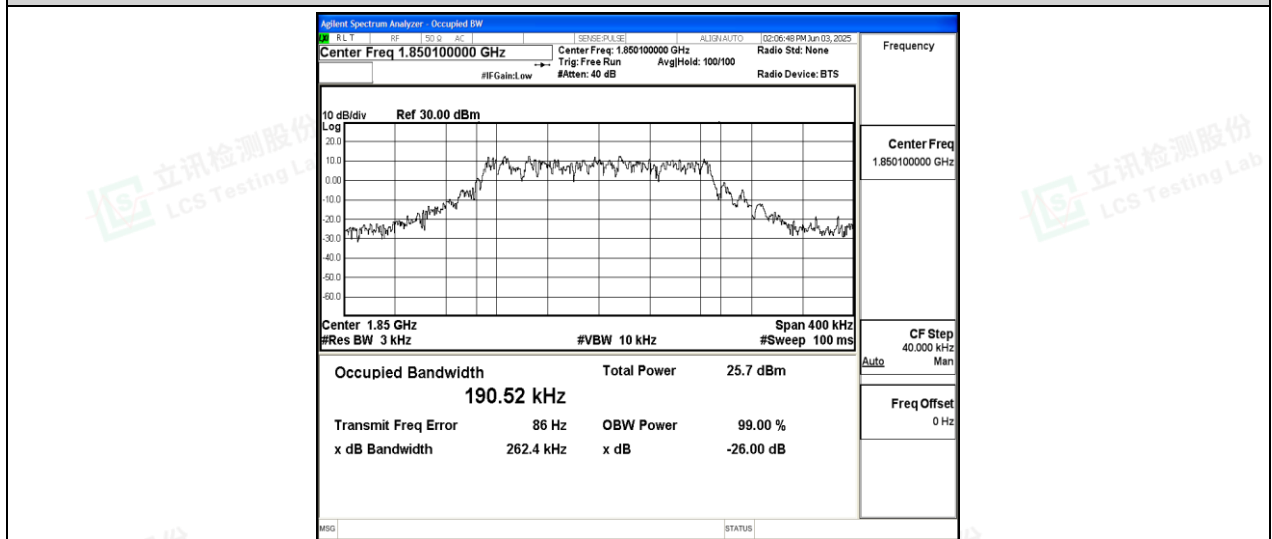




Band2-Stand-Alone-NaN-QPSK-19199-1@0-3.75kHz-0.0505-PASS

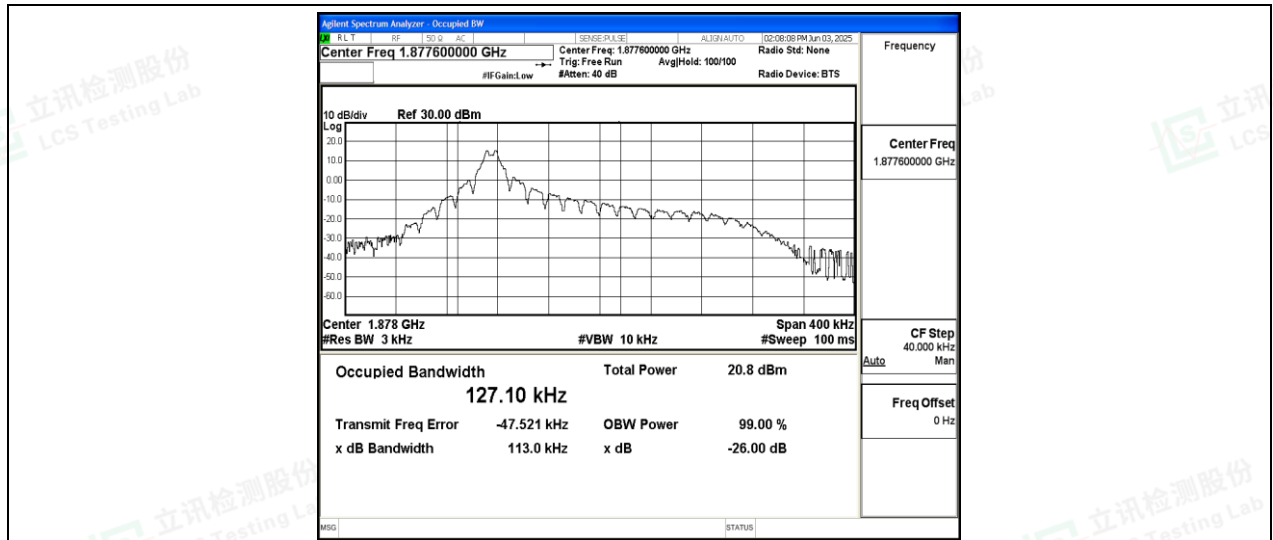


Band2-Stand-Alone-NaN-BPSK-18601-1@0-15kHz-0.1134-PASS

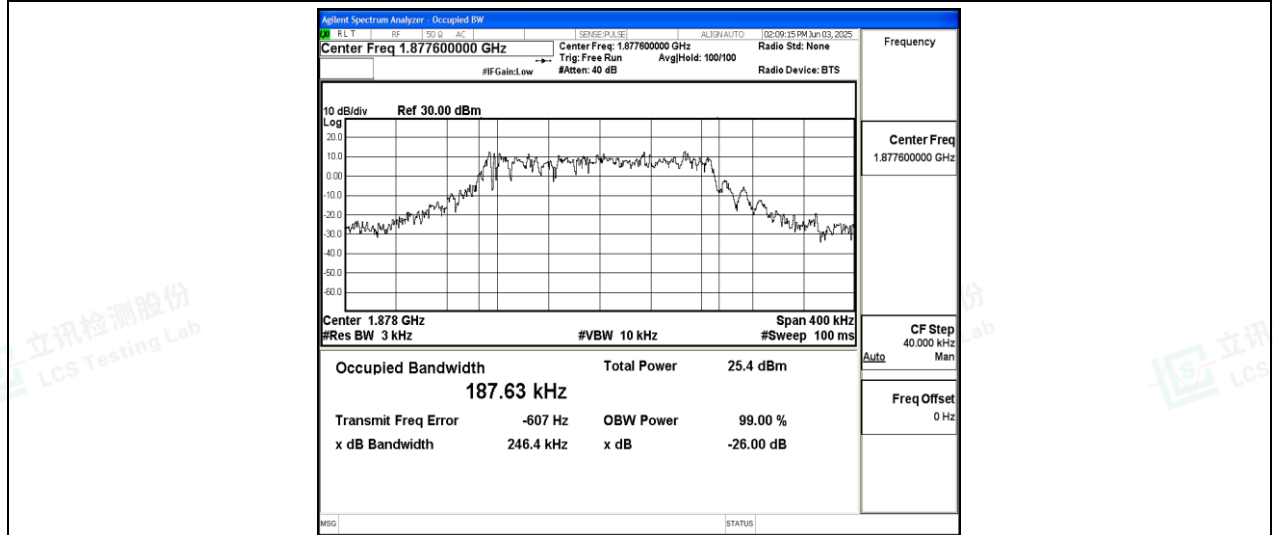


Band2-Stand-Alone-NaN-BPSK-18601-12@0-15kHz-0.2624-PASS

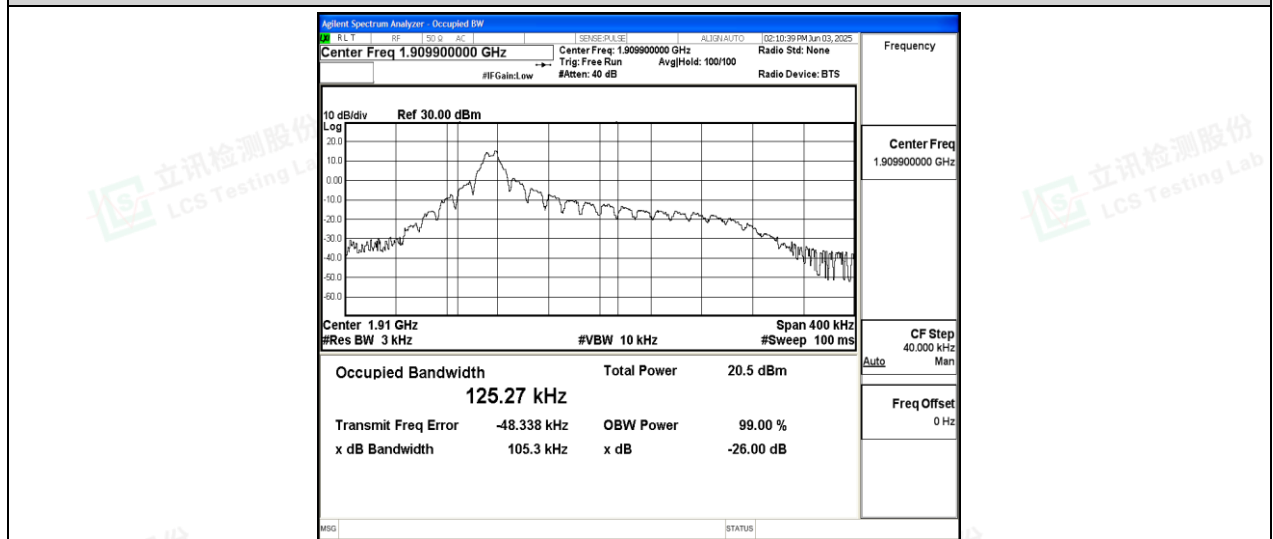




Band2-Stand-Alone-NaN-BPSK-18876-1@0-15kHz-0.1130-PASS

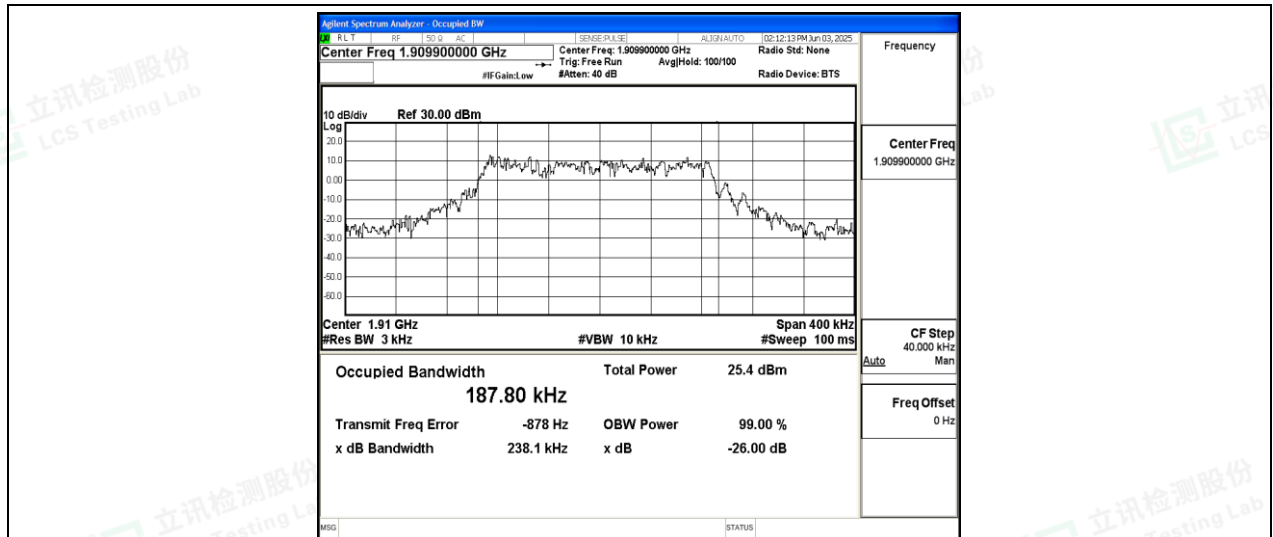


Band2-Stand-Alone-NaN-BPSK-18876-12@0-15kHz-0.2464-PASS

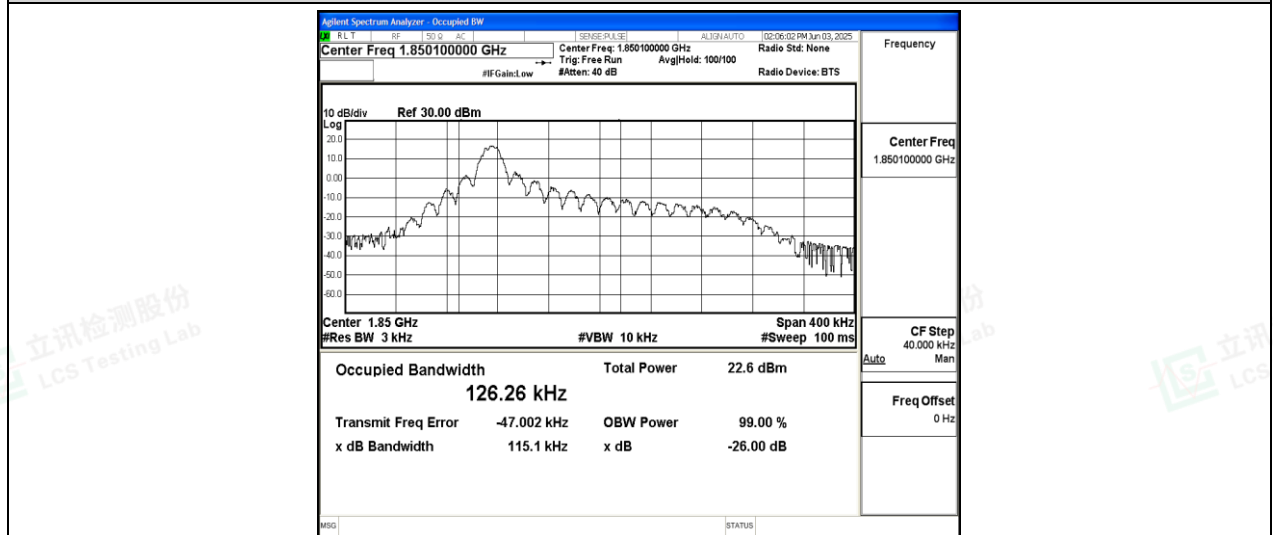


Band2-Stand-Alone-NaN-BPSK-19199-1@0-15kHz-0.1053-PASS

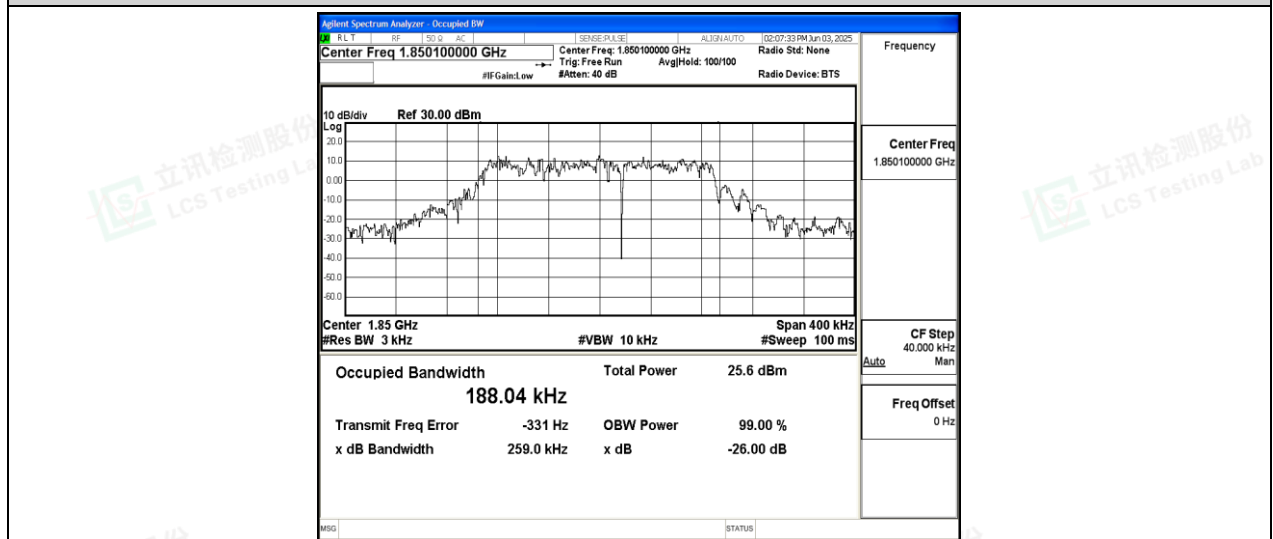




Band2-Stand-Alone-NaN-BPSK-19199-12@0-15kHz-0.2381-PASS

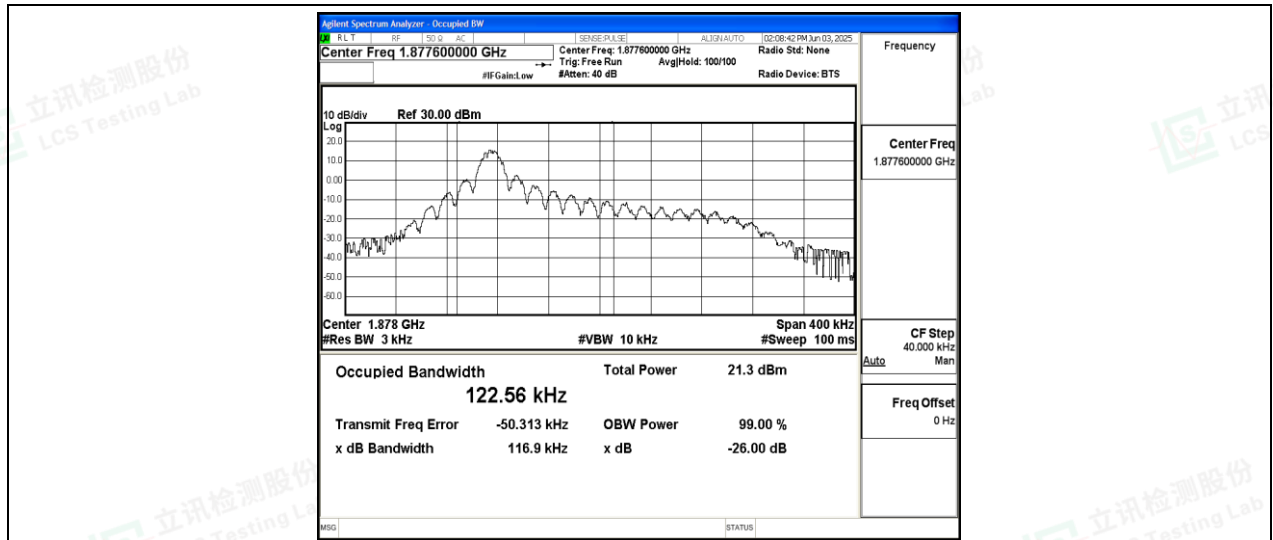


Band2-Stand-Alone-NaN-QPSK-18601-1@0-15kHz-0.1151-PASS

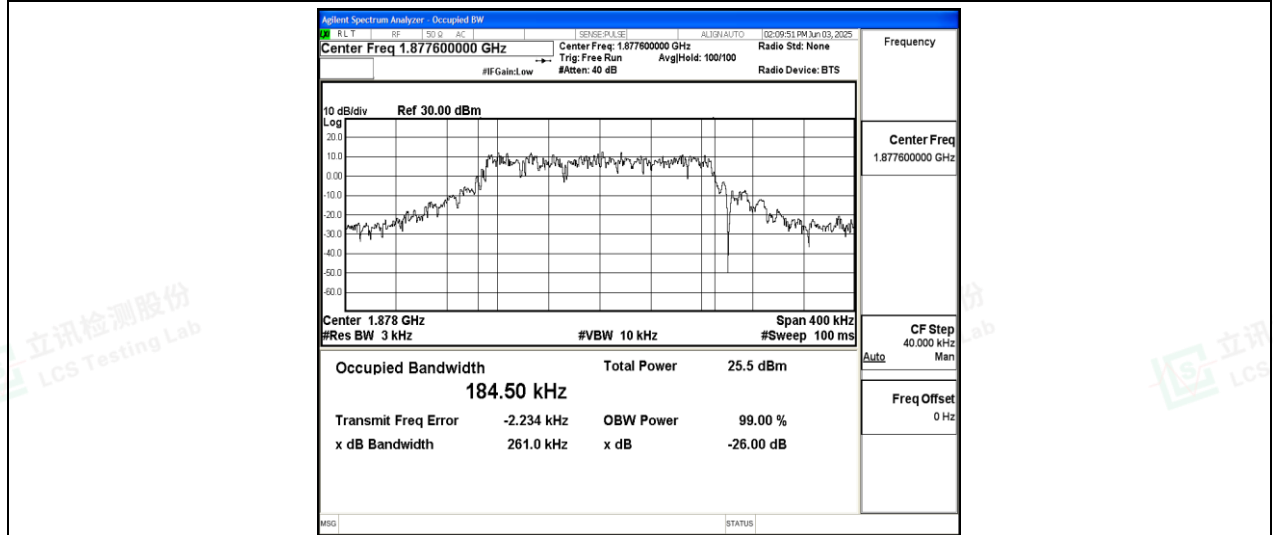


Band2-Stand-Alone-NaN-QPSK-18601-12@0-15kHz-0.2590-PASS

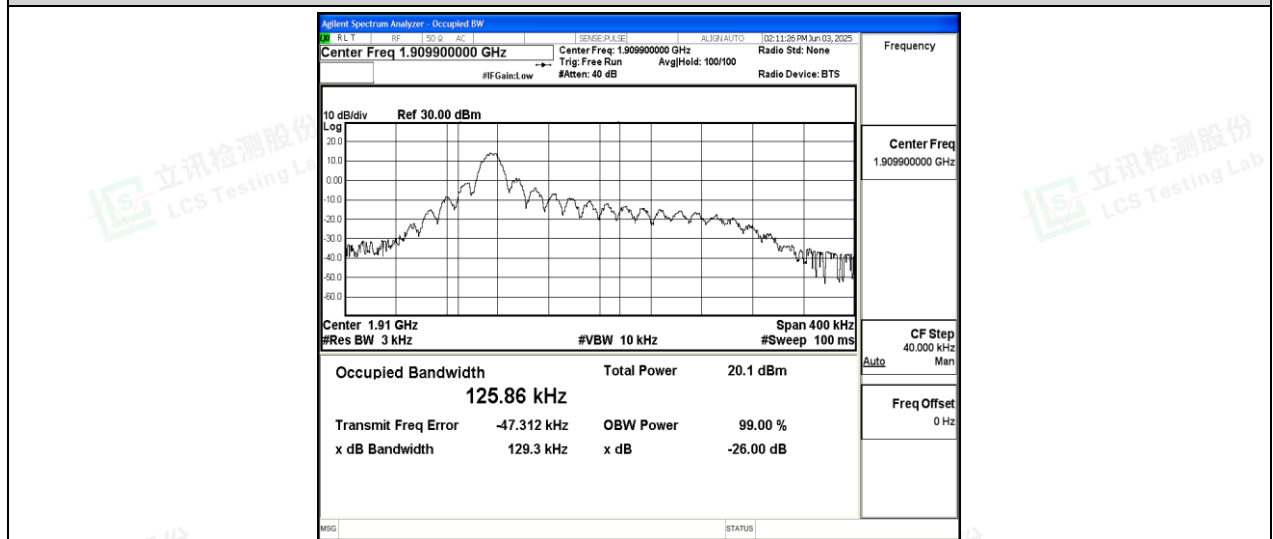




Band2-Stand-Alone-NaN-QPSK-18876-1@0-15kHz-0.1169-PASS

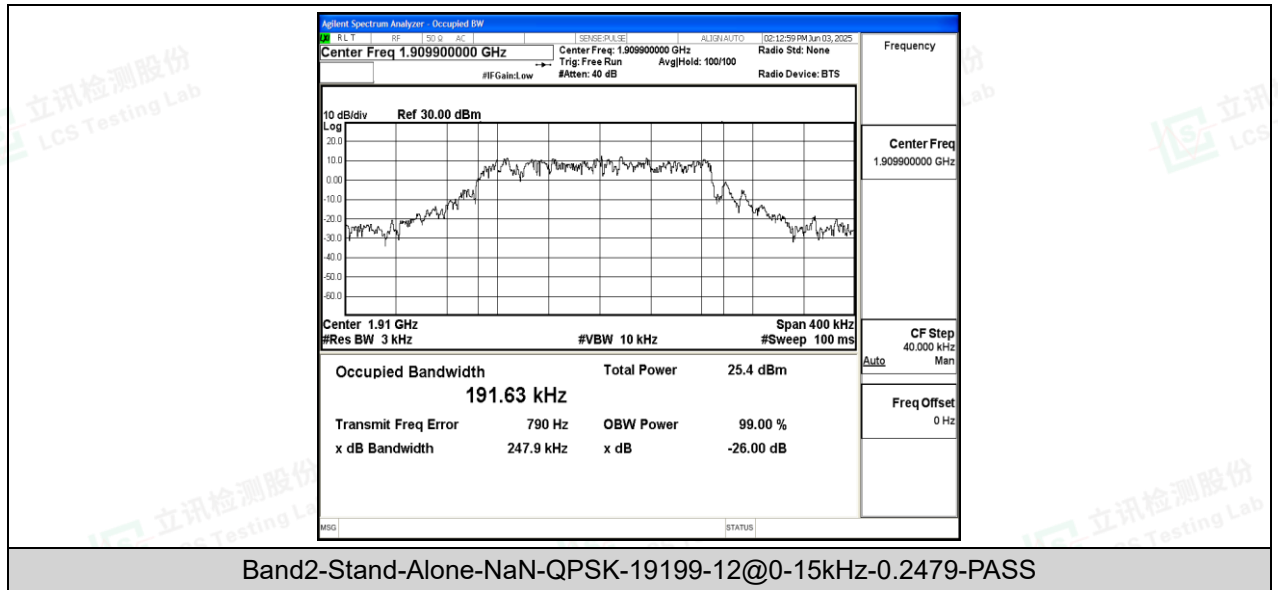


Band2-Stand-Alone-NaN-QPSK-18876-12@0-15kHz-0.2610-PASS



Band2-Stand-Alone-NaN-QPSK-19199-1@0-15kHz-0.1293-PASS





Band2-Stand-Alone-NaN-QPSK-19199-12@0-15kHz-0.2479-PASS





## M.4 Band Edge for NB1

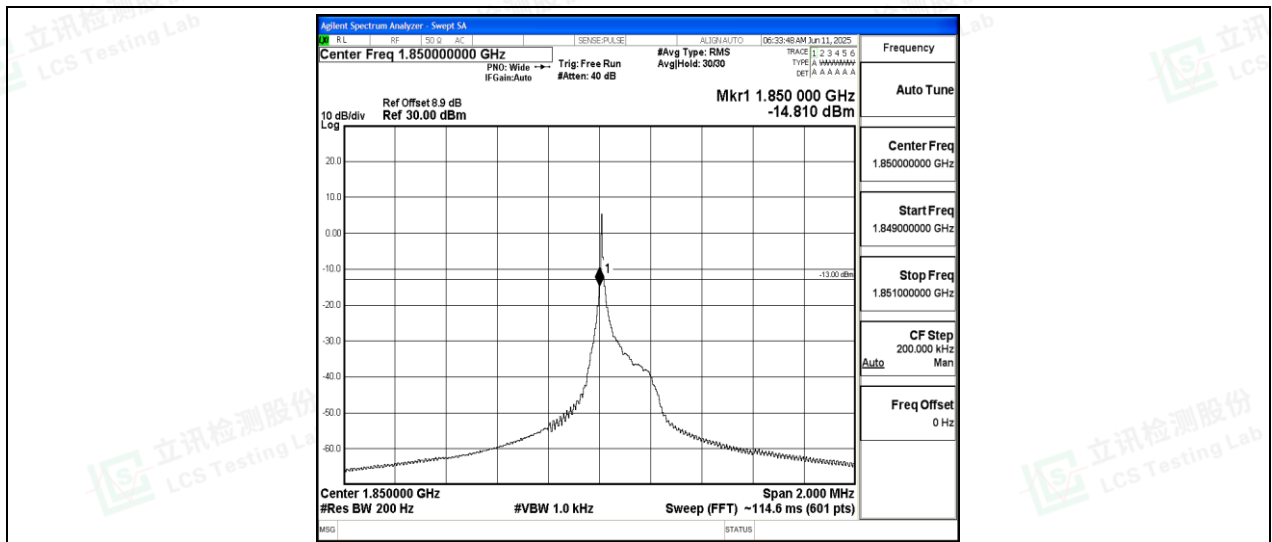
### Test Result

| Band  | OpMode      | SCS     | BW  | Modu | Channel | Tones | Result (dBm) | Verdict |
|-------|-------------|---------|-----|------|---------|-------|--------------|---------|
| Band2 | Stand-Alone | 3.75kHz | NaN | BPSK | 18601   | 1@0   | -14.85       | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | BPSK | 18601   | 1@47  | -33.87       | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | BPSK | 19199   | 1@0   | -36.43       | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | BPSK | 19199   | 1@47  | -17.28       | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18601   | 1@0   | -15.70       | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18601   | 1@47  | -35.12       | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 19199   | 1@0   | -38.13       | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 19199   | 1@47  | -18.41       | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18601   | 1@0   | -18.70       | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18601   | 1@11  | -38.48       | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18601   | 12@0  | -38.36       | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 19199   | 1@0   | -40.95       | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 19199   | 1@11  | -21.10       | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 19199   | 12@0  | -29.25       | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 18601   | 1@0   | -20.47       | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 18601   | 1@11  | -39.39       | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 18601   | 12@0  | -36.99       | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 19199   | 1@0   | -43.08       | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 19199   | 1@11  | -22.83       | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | QPSK | 19199   | 12@0  | -30.04       | PASS    |

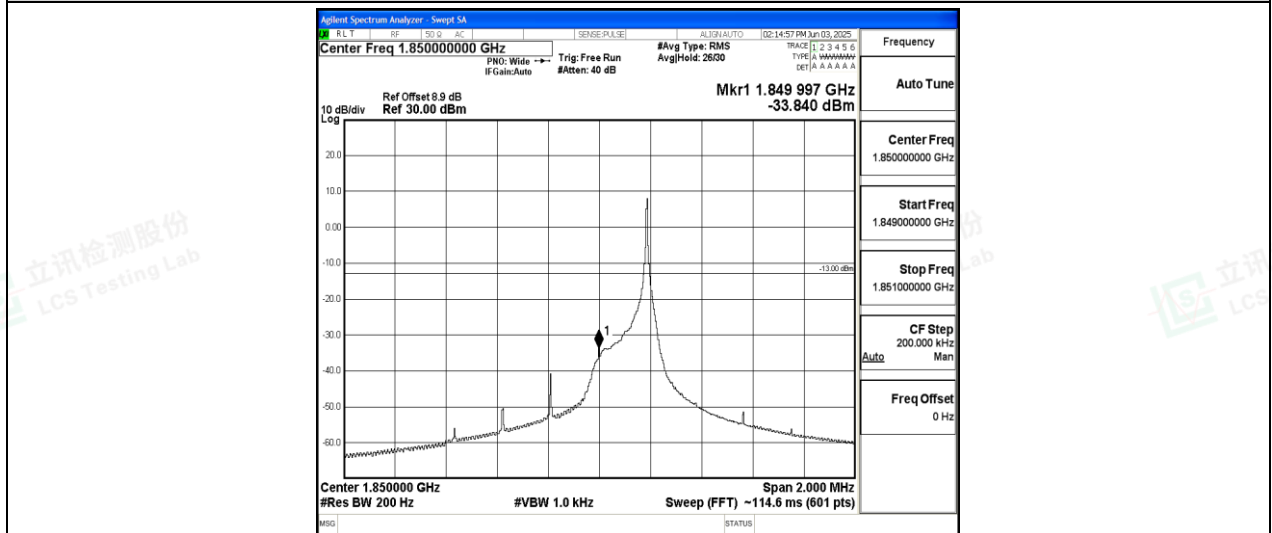




## Test Graphs

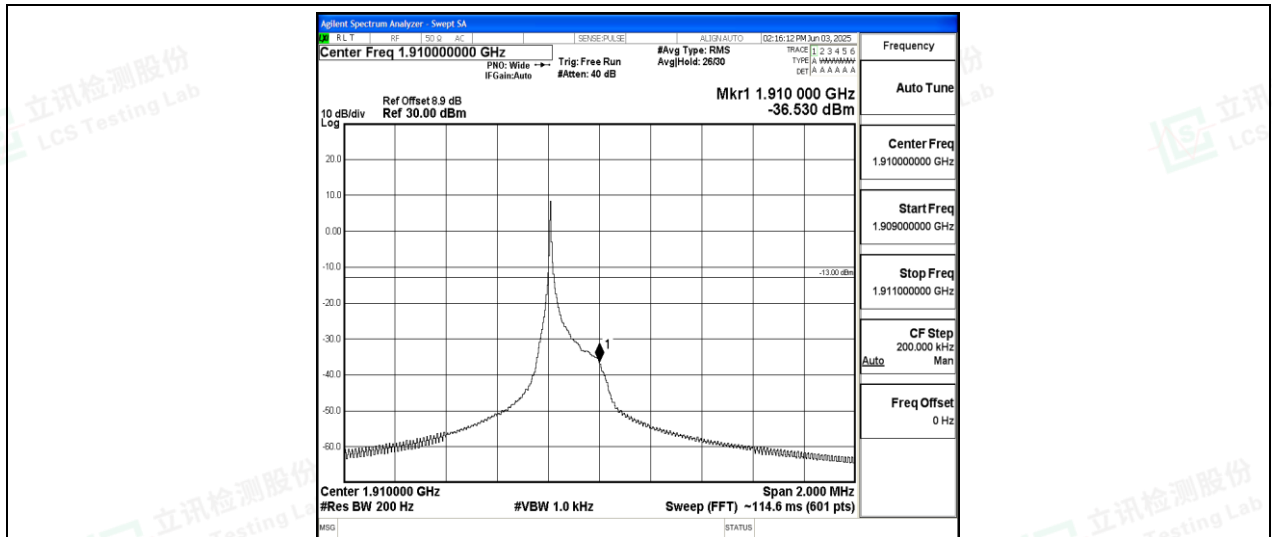


Band2-Stand-Alone-NaN-BPSK-18601-1@0-3.75kHz--14.85-PASS

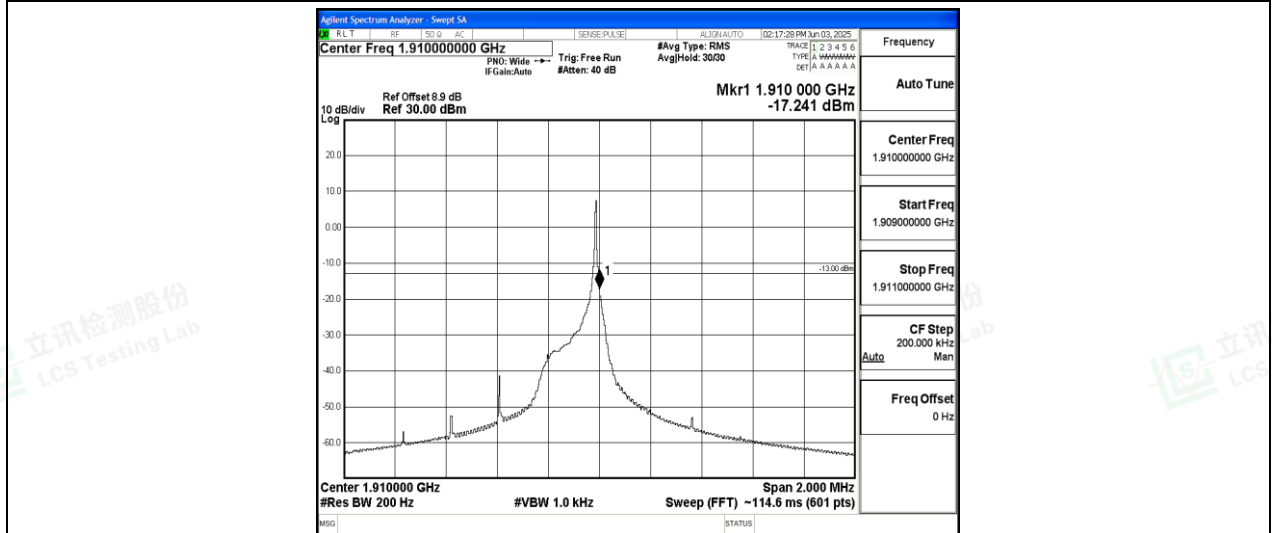


Band2-Stand-Alone-NaN-BPSK-18601-1@47-3.75kHz--33.87-PASS

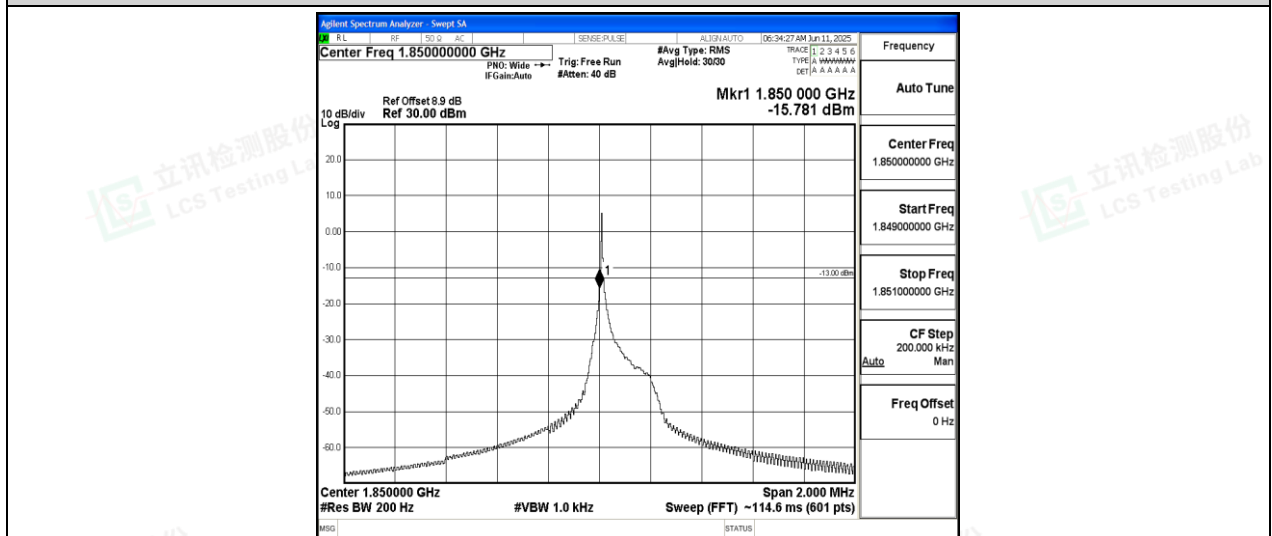




Band2-Stand-Alone-NaN-BPSK-19199-1@0-3.75kHz--36.43-PASS

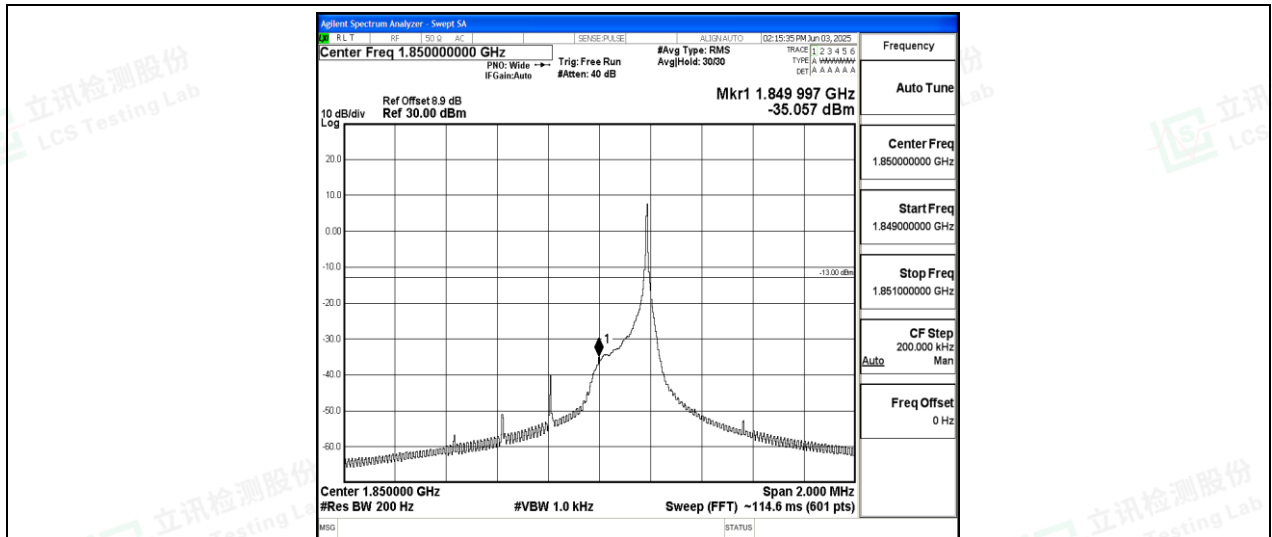


Band2-Stand-Alone-NaN-BPSK-19199-1@47-3.75kHz--17.28-PASS

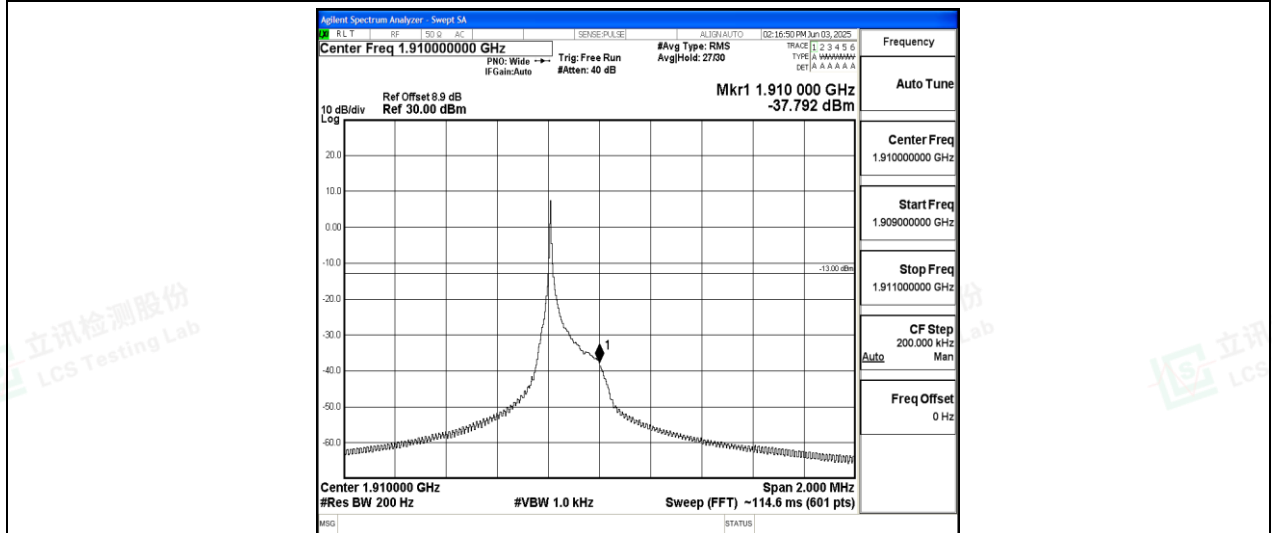


Band2-Stand-Alone-NaN-QPSK-18601-1@0-3.75kHz--15.70-PASS

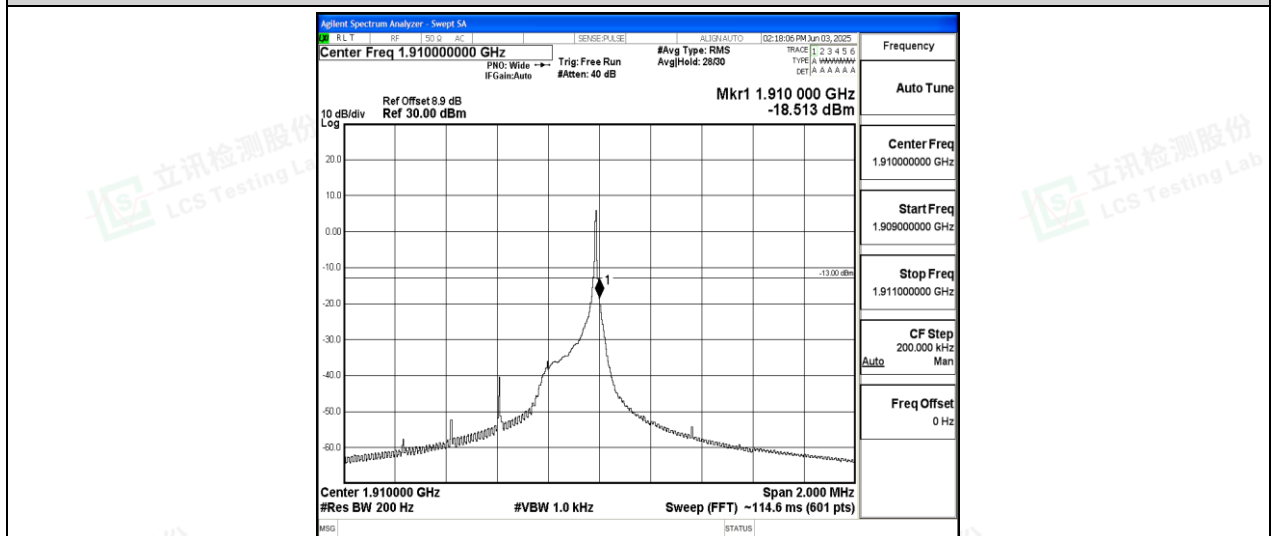




Band2-Stand-Alone-NaN-QPSK-18601-1@47-3.75kHz--35.12-PASS

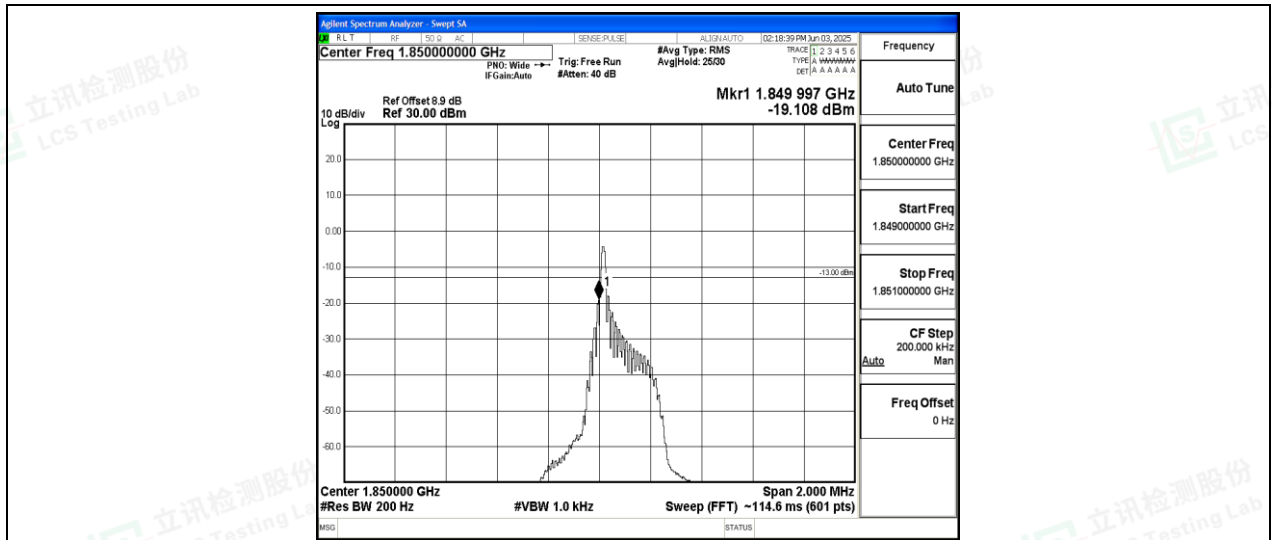


Band2-Stand-Alone-NaN-QPSK-19199-1@0-3.75kHz--38.13-PASS

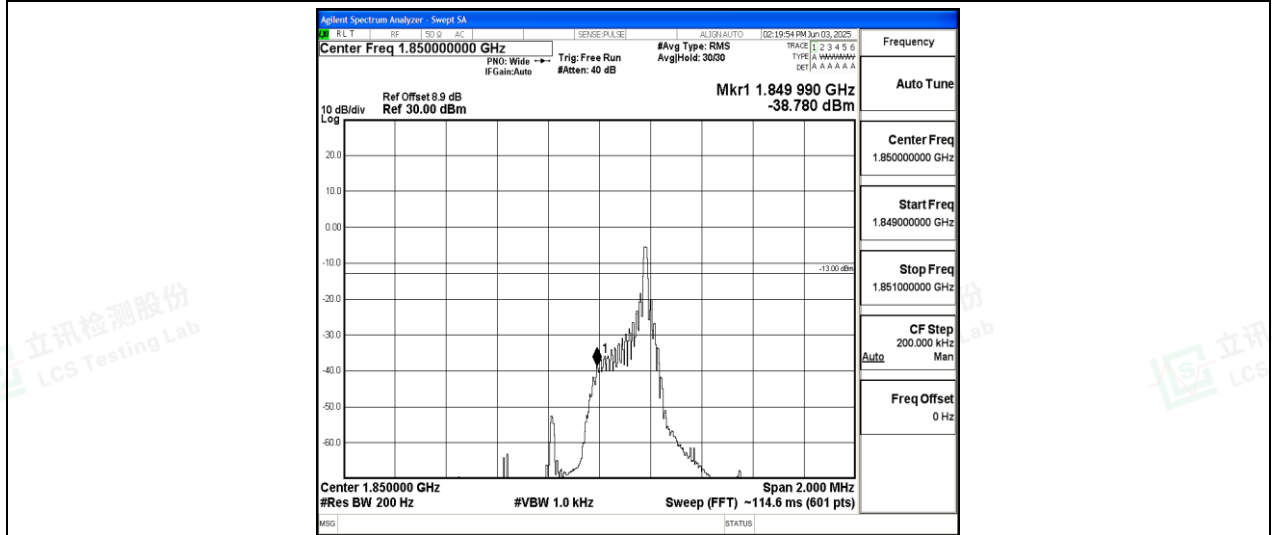


Band2-Stand-Alone-NaN-QPSK-19199-1@47-3.75kHz--18.41-PASS

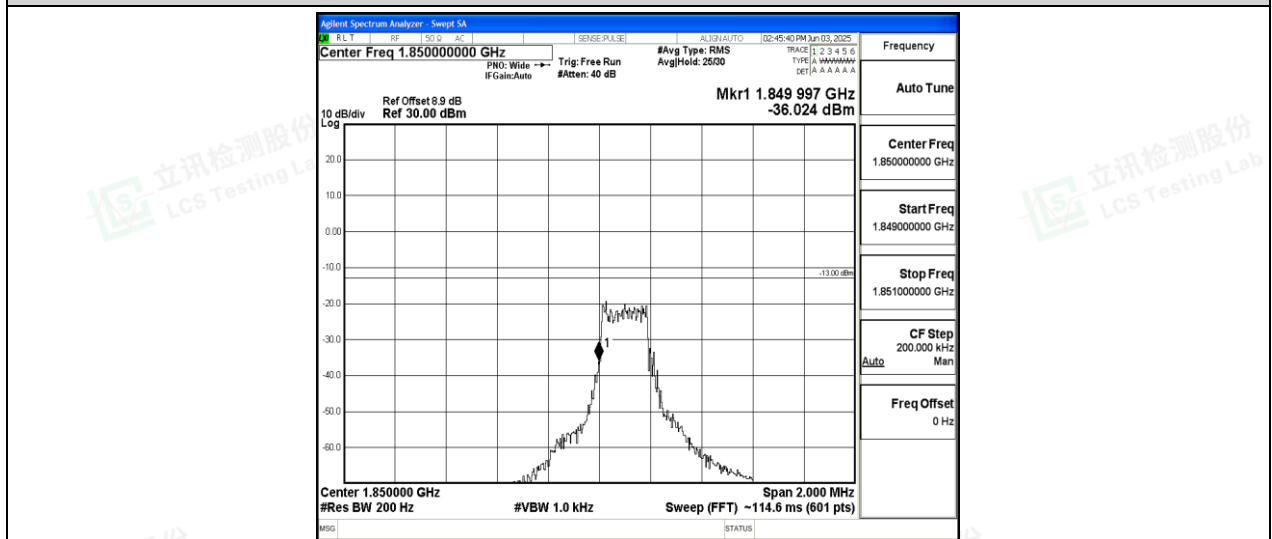




Band2-Stand-Alone-NaN-BPSK-18601-1@0-15kHz--18.70-PASS

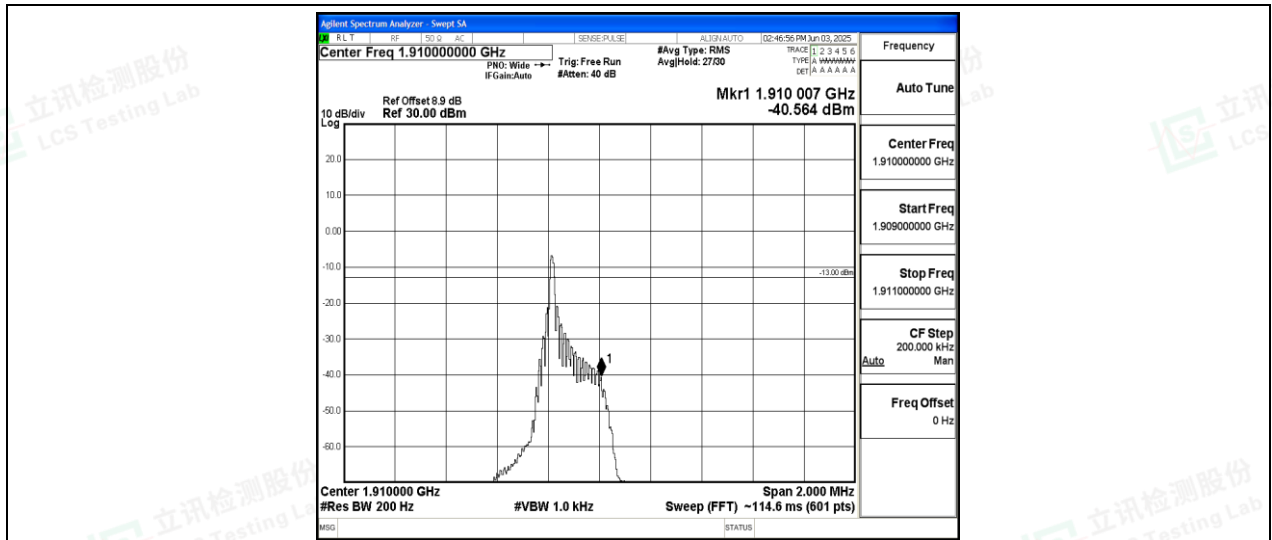


Band2-Stand-Alone-NaN-BPSK-18601-1@11-15kHz--38.48-PASS

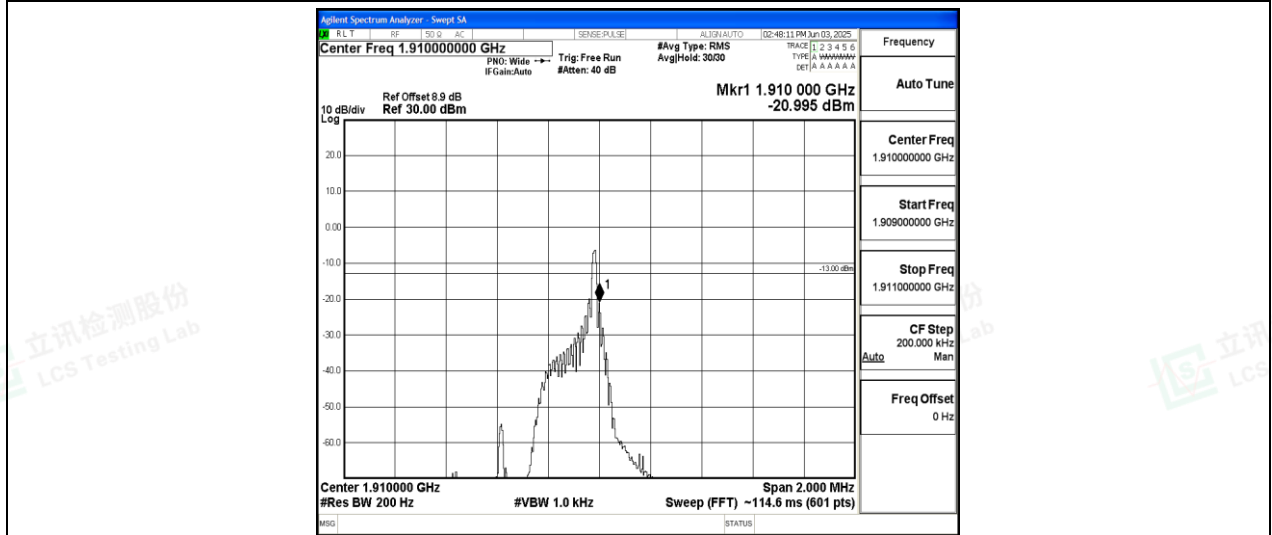


Band2-Stand-Alone-NaN-BPSK-18601-12@0-15kHz--38.36-PASS

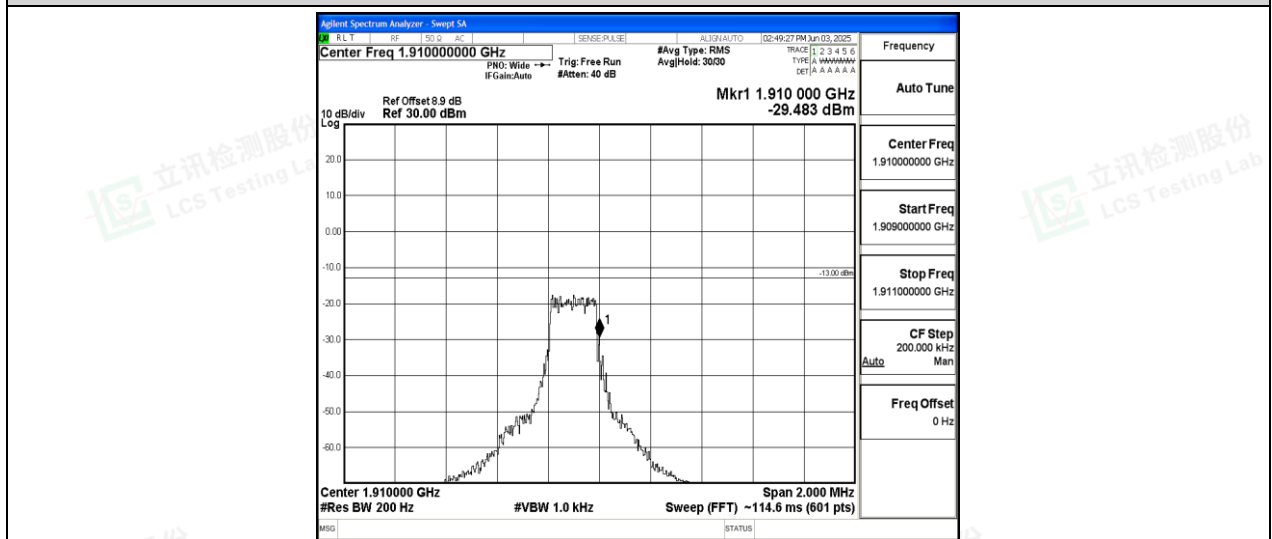




Band2-Stand-Alone-NaN-BPSK-19199-1@0-15kHz--40.95-PASS

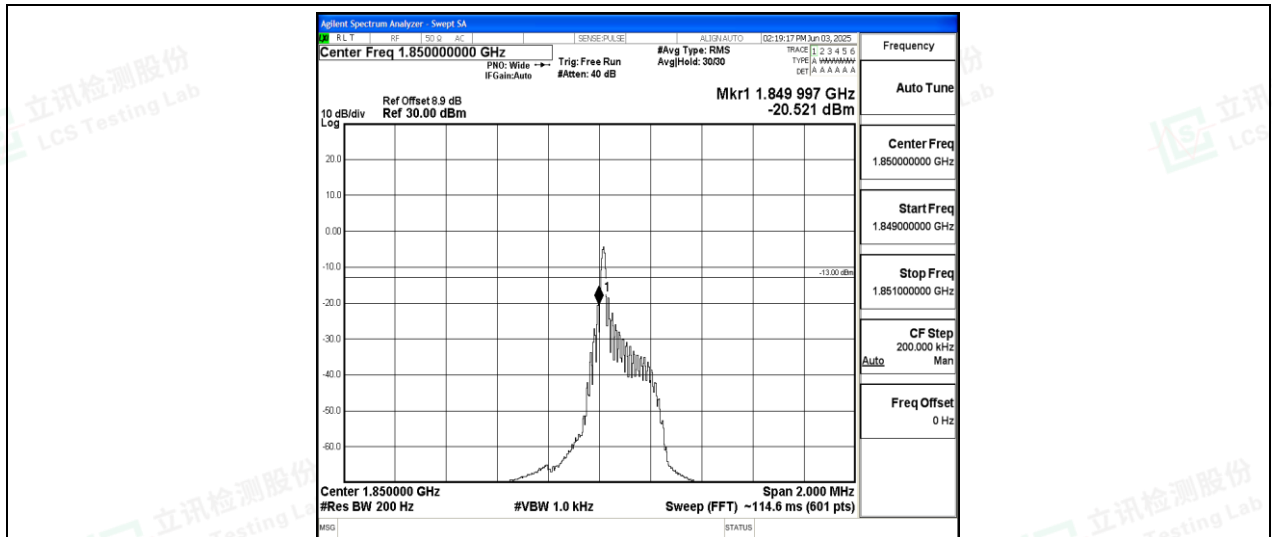


Band2-Stand-Alone-NaN-BPSK-19199-1@11-15kHz--21.10-PASS

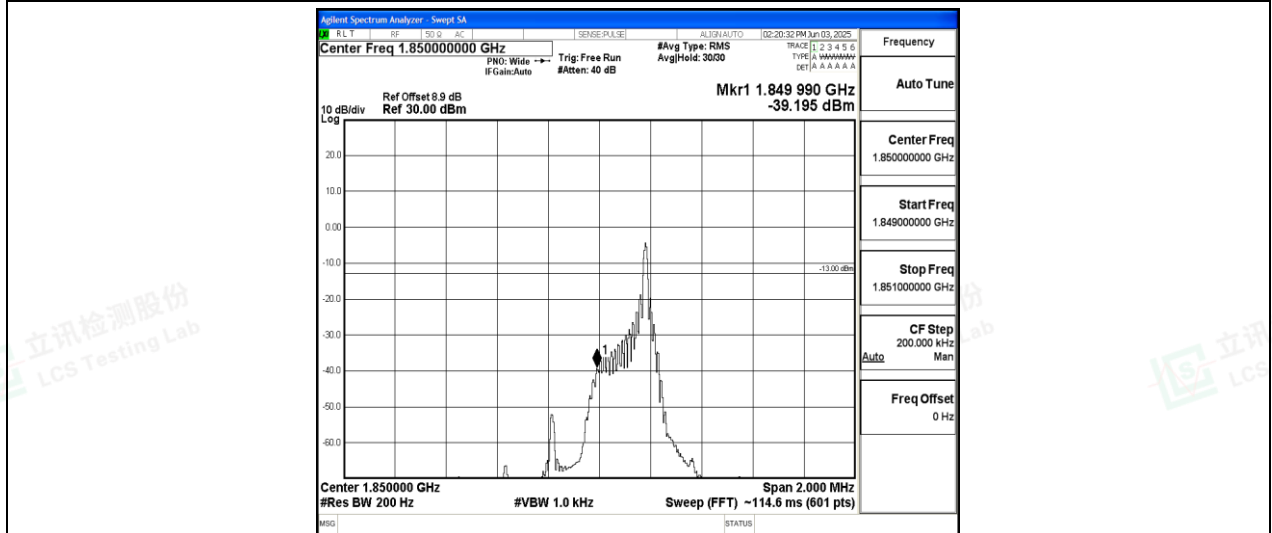


Band2-Stand-Alone-NaN-BPSK-19199-12@0-15kHz--29.25-PASS

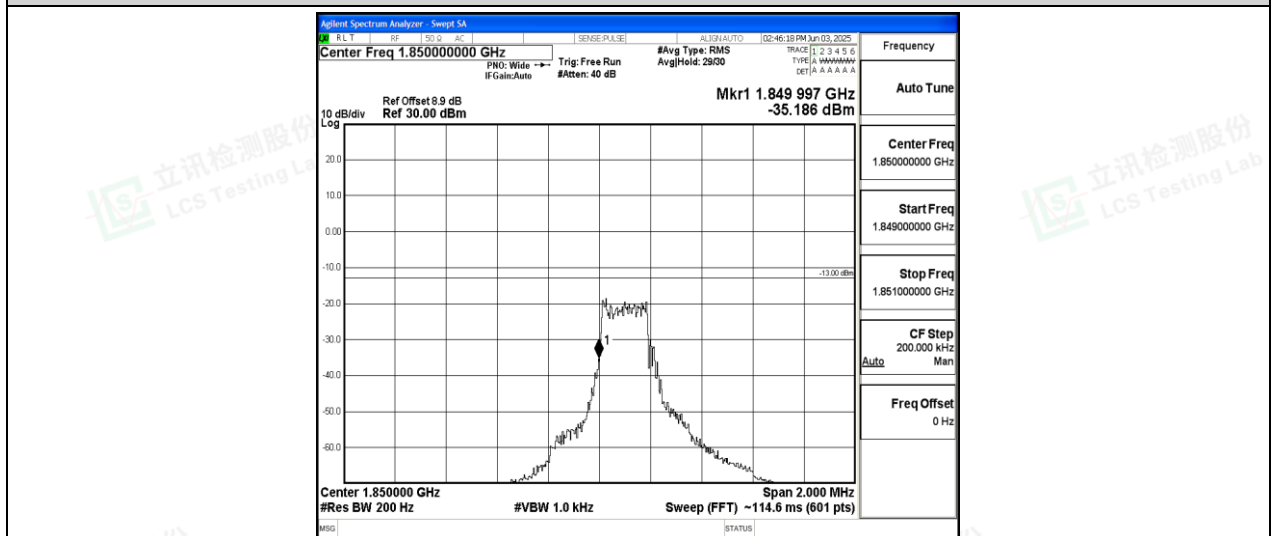




Band2-Stand-Alone-NaN-QPSK-18601-1@0-15kHz--20.47-PASS

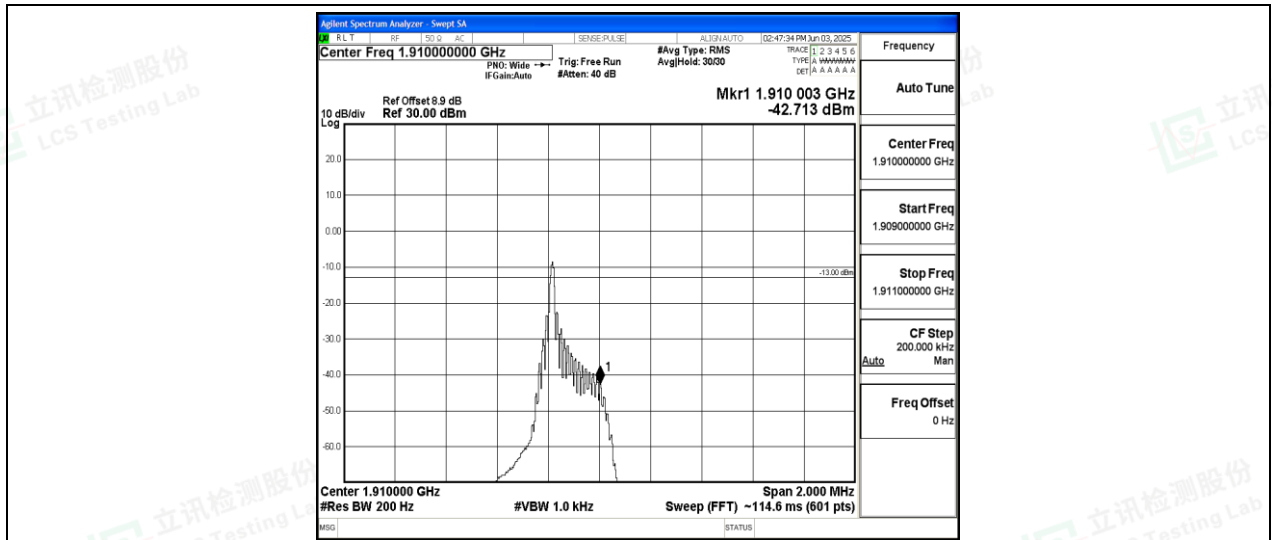


Band2-Stand-Alone-NaN-QPSK-18601-1@11-15kHz--39.39-PASS

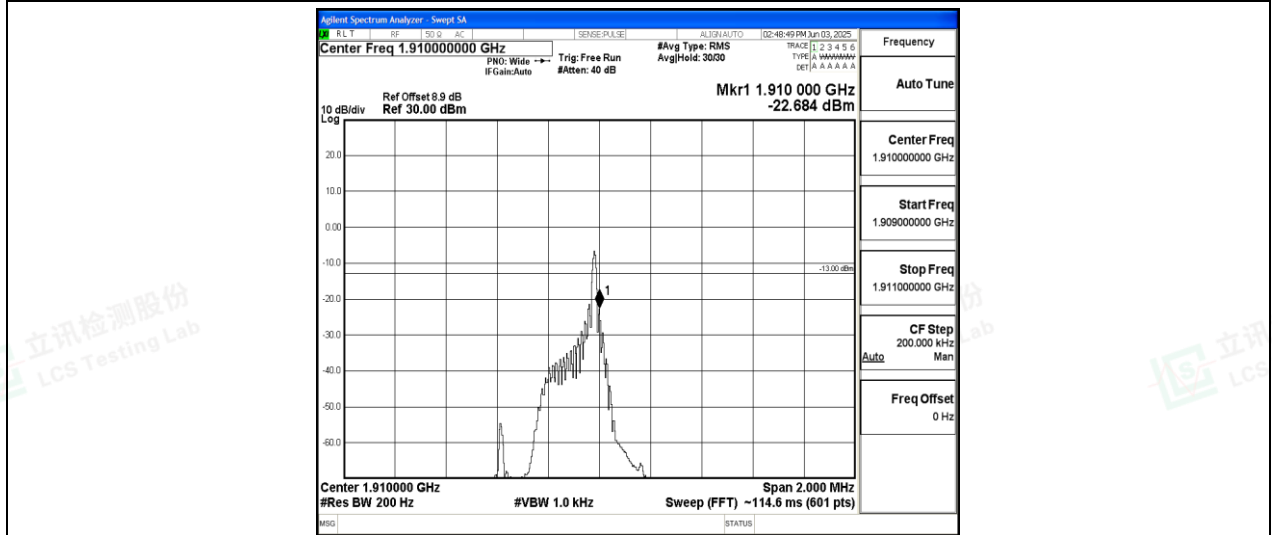


Band2-Stand-Alone-NaN-QPSK-18601-12@0-15kHz--36.99-PASS

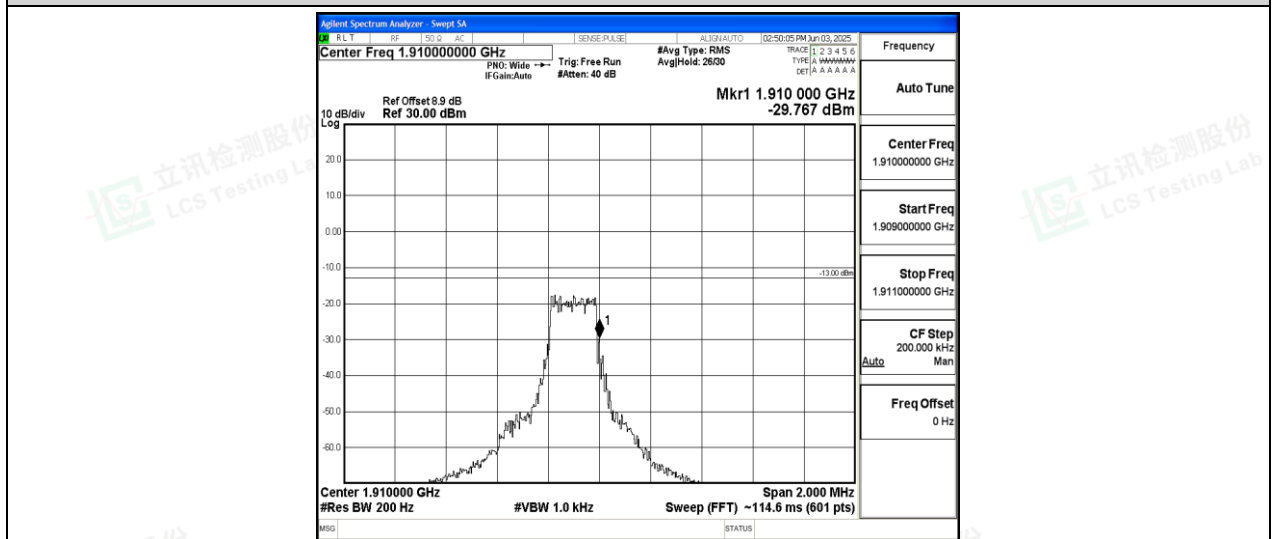




Band2-Stand-Alone-NaN-QPSK-19199-1@0-15kHz--43.08-PASS



Band2-Stand-Alone-NaN-QPSK-19199-1@11-15kHz--22.83-PASS



Band2-Stand-Alone-NaN-QPSK-19199-12@0-15kHz--30.04-PASS





## M.5 Conducted Spurious Emission for NB1

### Test Result

| Band  | OpMode      | SCS     | BW  | Modu | Channel | Tones | Freq Start [MHz] | Freq Stop [MHz] | Result (dBm) | Limit (dBm) | Verdict |
|-------|-------------|---------|-----|------|---------|-------|------------------|-----------------|--------------|-------------|---------|
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18601   | 1@0   | 30               | 1000            | -35          | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18601   | 1@0   | 1000             | 5000            | -32.83       | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18601   | 1@0   | 5000             | 12000           | -57.48       | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18601   | 1@0   | 12000            | 26500           | -42.09       | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18601   | 1@47  | 30               | 1000            | -35.61       | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18601   | 1@47  | 1000             | 5000            | -32.86       | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18601   | 1@47  | 5000             | 12000           | -57.46       | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18601   | 1@47  | 12000            | 26500           | -42.34       | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18876   | 1@0   | 30               | 1000            | -34.61       | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18876   | 1@0   | 1000             | 5000            | -32.87       | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18876   | 1@0   | 5000             | 12000           | -57.11       | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18876   | 1@0   | 12000            | 26500           | -42.15       | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18876   | 1@47  | 30               | 1000            | -35.37       | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18876   | 1@47  | 1000             | 5000            | -33.33       | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18876   | 1@47  | 5000             | 12000           | -57.37       | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18876   | 1@47  | 12000            | 26500           | -42.09       | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 19199   | 1@0   | 30               | 1000            | -35.2        | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 19199   | 1@0   | 1000             | 5000            | -32.08       | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 19199   | 1@0   | 5000             | 12000           | -57.19       | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 19199   | 1@0   | 12000            | 26500           | -42.34       | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 19199   | 1@47  | 30               | 1000            | -34.58       | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 19199   | 1@47  | 1000             | 5000            | -32.15       | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 19199   | 1@47  | 5000             | 12000           | -57.12       | -13         | PASS    |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 19199   | 1@47  | 12000            | 26500           | -42.32       | -13         | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18601   | 1@0   | 30               | 1000            | -35.34       | -13         | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18601   | 1@0   | 1000             | 5000            | -38.15       | -13         | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18601   | 1@0   | 5000             | 12000           | -57.36       | -13         | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18601   | 1@0   | 12000            | 26500           | -42.22       | -13         | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18601   | 1@11  | 30               | 1000            | -35.28       | -13         | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18601   | 1@11  | 1000             | 5000            | -38.34       | -13         | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18601   | 1@11  | 5000             | 12000           | -57.29       | -13         | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18601   | 1@11  | 12000            | 26500           | -42.05       | -13         | PASS    |
| Band2 | Stand-Alone | 15kHz   | NaN | BPSK | 18876   | 1@0   | 30               | 1000            | -35.45       | -13         | PASS    |



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Scan code to check authenticity

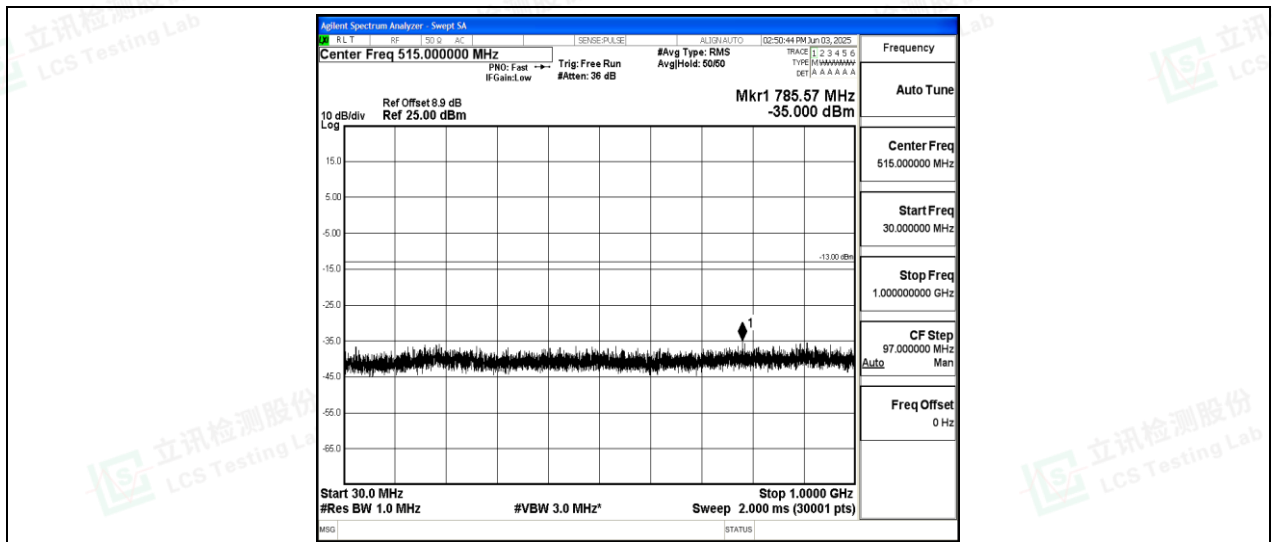


|       |             |       |     |      |       |      |       |       |        |     |      |
|-------|-------------|-------|-----|------|-------|------|-------|-------|--------|-----|------|
| Band2 | Stand-Alone | 15kHz | NaN | BPSK | 18876 | 1@0  | 1000  | 5000  | -39.38 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | BPSK | 18876 | 1@0  | 5000  | 12000 | -57.25 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | BPSK | 18876 | 1@0  | 12000 | 26500 | -42.2  | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | BPSK | 18876 | 1@11 | 30    | 1000  | -35.58 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | BPSK | 18876 | 1@11 | 1000  | 5000  | -39.08 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | BPSK | 18876 | 1@11 | 5000  | 12000 | -57.37 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | BPSK | 18876 | 1@11 | 12000 | 26500 | -42.23 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | BPSK | 19199 | 1@0  | 30    | 1000  | -35.51 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | BPSK | 19199 | 1@0  | 1000  | 5000  | -37.92 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | BPSK | 19199 | 1@0  | 5000  | 12000 | -57.18 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | BPSK | 19199 | 1@0  | 12000 | 26500 | -42.2  | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | BPSK | 19199 | 1@11 | 30    | 1000  | -35.16 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | BPSK | 19199 | 1@11 | 1000  | 5000  | -38.56 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | BPSK | 19199 | 1@11 | 5000  | 12000 | -57.37 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | BPSK | 19199 | 1@11 | 12000 | 26500 | -42.38 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | QPSK | 18601 | 12@0 | 30    | 1000  | -35.07 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | QPSK | 18601 | 12@0 | 1000  | 5000  | -37.39 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | QPSK | 18601 | 12@0 | 5000  | 12000 | -57.26 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | QPSK | 18601 | 12@0 | 12000 | 26500 | -42.26 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | QPSK | 18876 | 12@0 | 30    | 1000  | -34.96 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | QPSK | 18876 | 12@0 | 1000  | 5000  | -35.02 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | QPSK | 18876 | 12@0 | 5000  | 12000 | -57.06 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | QPSK | 18876 | 12@0 | 12000 | 26500 | -42.33 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | QPSK | 19199 | 12@0 | 30    | 1000  | -35.07 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | QPSK | 19199 | 12@0 | 1000  | 5000  | -33.49 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | QPSK | 19199 | 12@0 | 5000  | 12000 | -57.28 | -13 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | QPSK | 19199 | 12@0 | 12000 | 26500 | -42.2  | -13 | PASS |

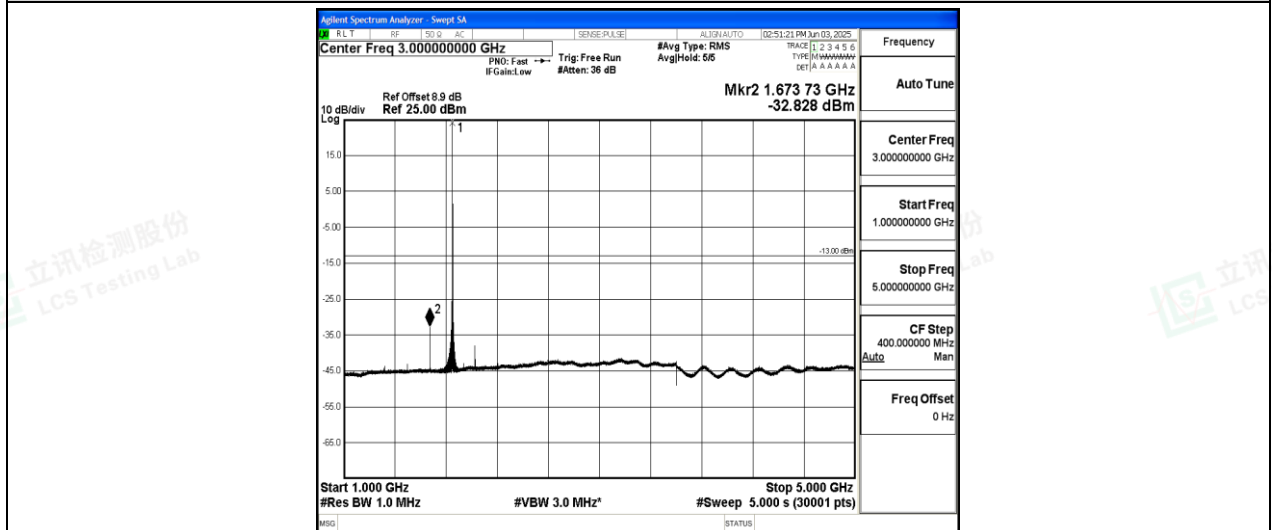




## Test Graphs



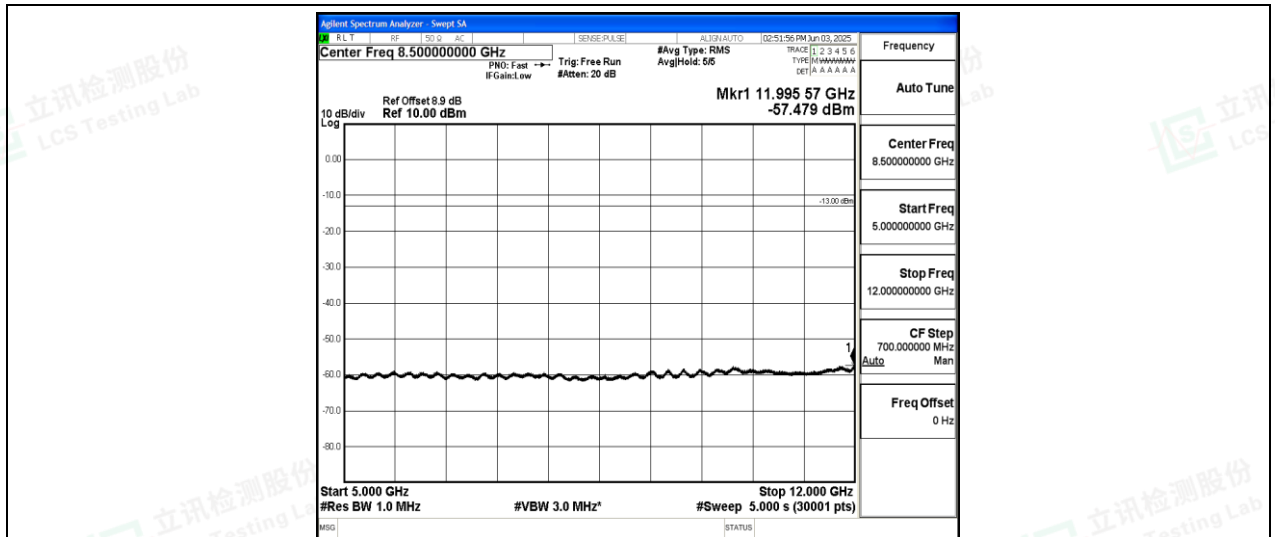
Band2-Stand-Alone-NaN-QPSK-18601-1@0-3.75kHz-30-1000-30~1000MHz@-35dBm--13-PASS



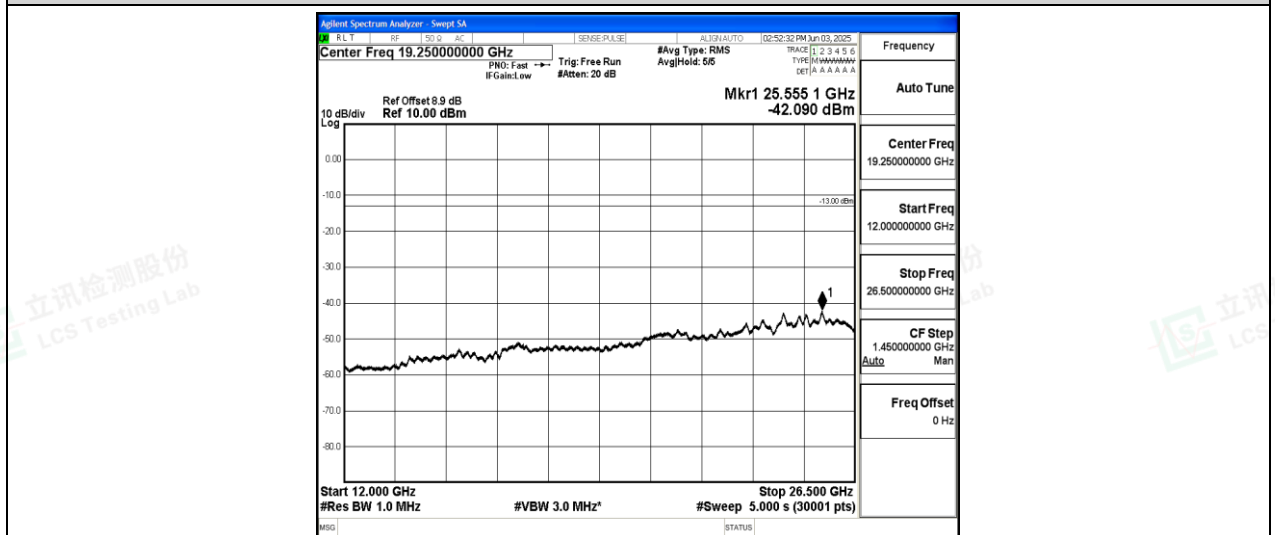
Band2-Stand-Alone-NaN-QPSK-18601-1@0-3.75kHz-1000-5000-1000~5000MHz@-32.83dBm--13-PAS

S



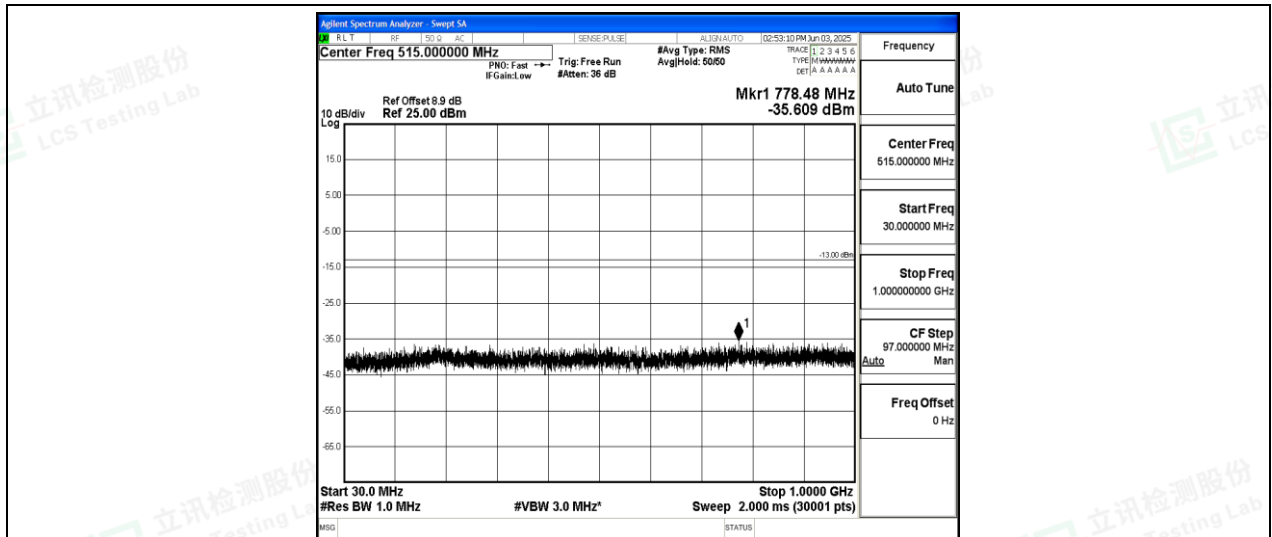


Band2-Stand-Alone-NaN-QPSK-18601-1@0-3.75kHz-5000-12000-5000~12000MHz@-57.48dBm--13-P  
ASS

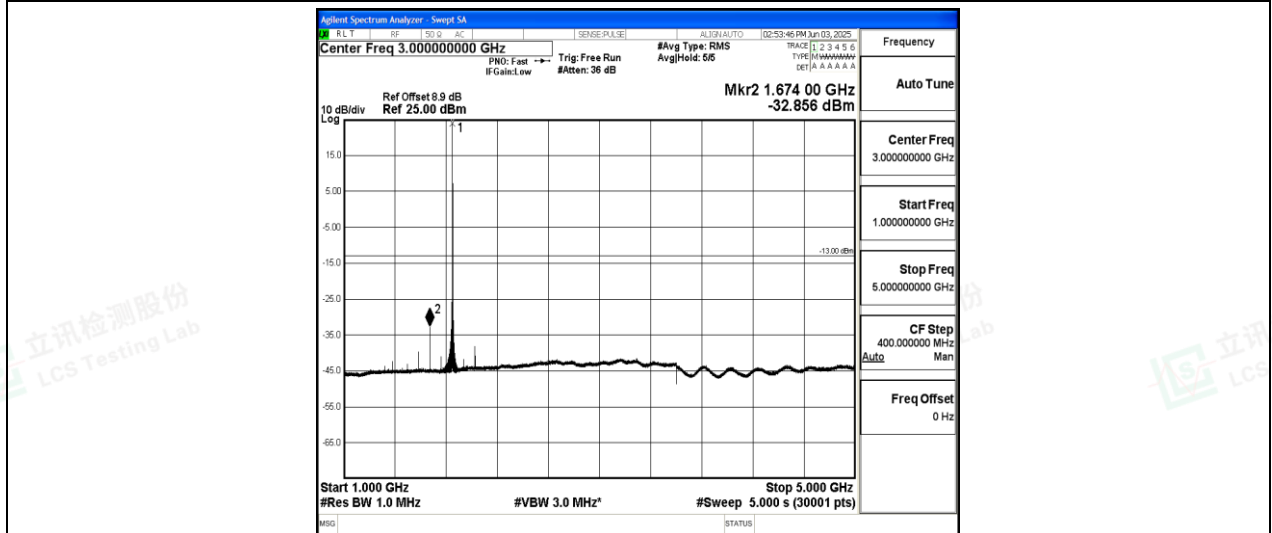


Band2-Stand-Alone-NaN-QPSK-18601-1@0-3.75kHz-12000-26500-12000~26500MHz@-42.09dBm--13  
-PASS

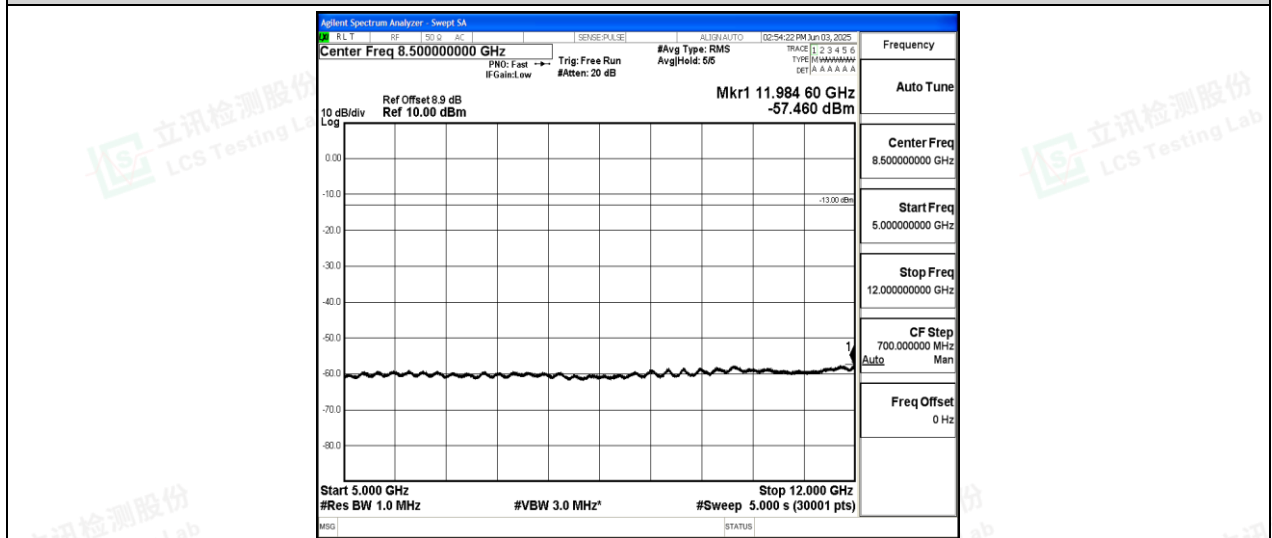




Band2-Stand-Alone-Na-N-QPSK-18601-1@47-3.75kHz-30-1000-30~1000MHz@-35.61dBm--13-PASS



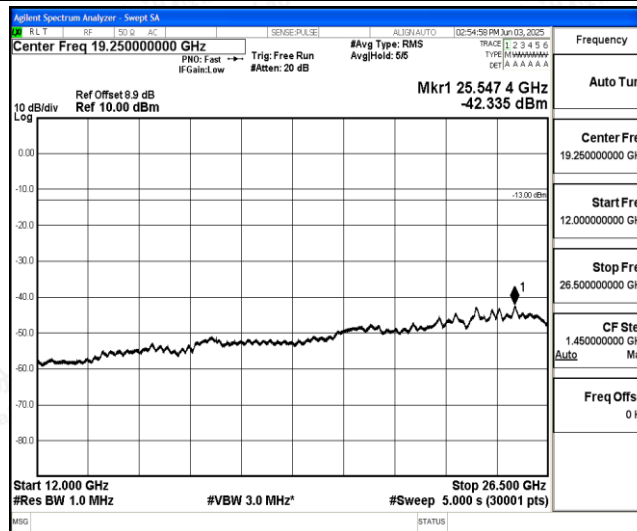
Band2-Stand-Alone-Na-N-QPSK-18601-1@47-3.75kHz-1000-5000-1000~5000MHz@-32.86dBm--13-PA  
SS



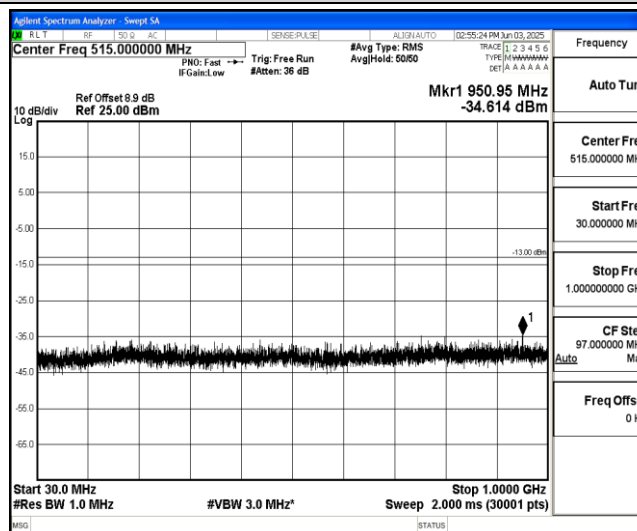
Shenzhen LCS Compliance Testing Laboratory Ltd.  
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity



Band2-Stand-Alone-NaN-QPSK-18601-1@47-3.75kHz-5000-12000-5000~12000MHz@-57.46dBm--13-PASS

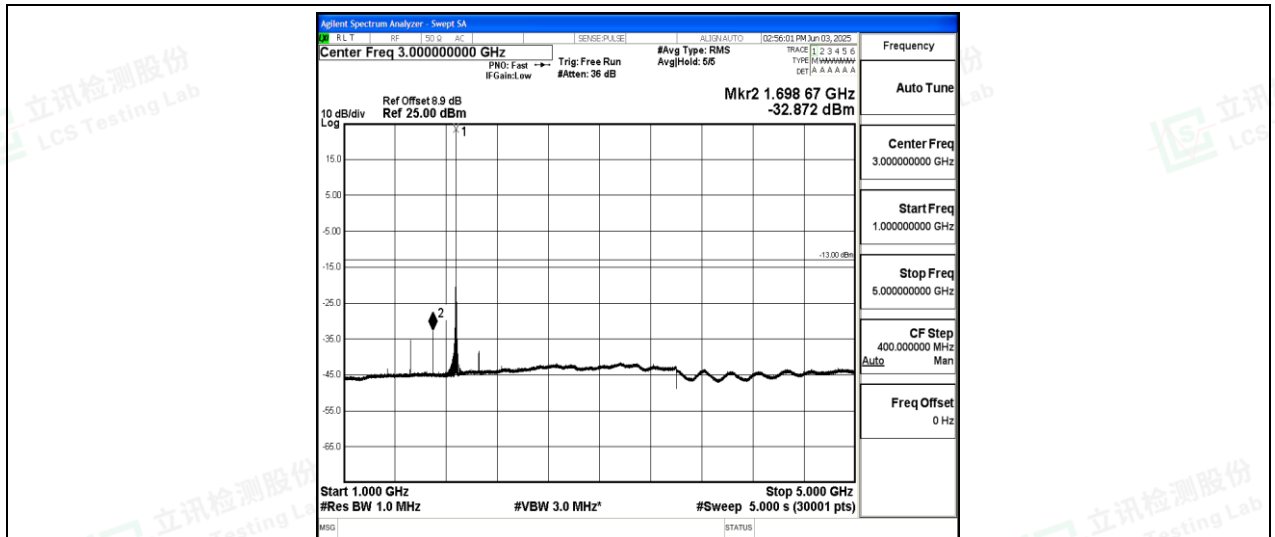


Band2-Stand-Alone-NaN-QPSK-18601-1@47-3.75kHz-12000-26500-12000~26500MHz@-42.34dBm--13-PASS

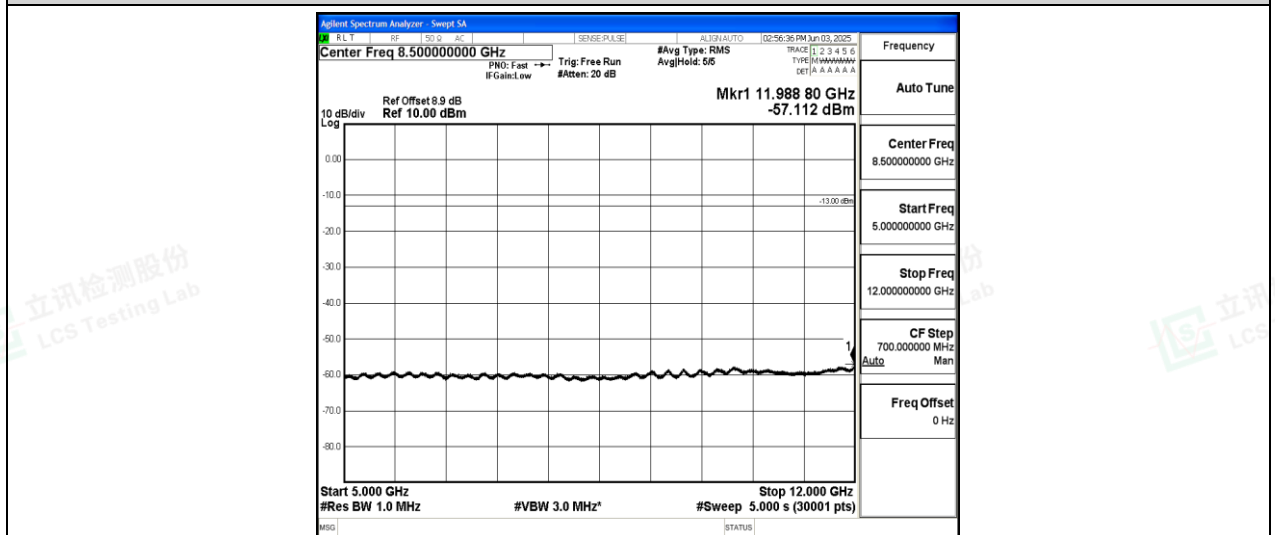


Band2-Stand-Alone-NaN-QPSK-18876-1@0-3.75kHz-30-1000-30~1000MHz@-34.61dBm--13-PASS





Band2-Stand-Alone-NaN-QPSK-18876-1@0-3.75kHz-1000-5000-1000~5000MHz@-32.87dBm--13-PAS  
S



Band2-Stand-Alone-NaN-QPSK-18876-1@0-3.75kHz-5000-12000-5000~12000MHz@-57.11dBm--13-P  
ASS

