

Appendix Test Data

| | | | |
|------------------|-------------------|--------------------|--------------------|
| Report No.: | 182512C400022101 | Test Sample No.: | 1-2-2 |
| Start Test Date: | 2024.7.24 | Finish Test Date: | 2024.7.25 |
| Test Engineer: | <i>Joker Wang</i> | Auditor: | <i>Justin Feng</i> |
| Temperature: | 25.5°C | Relative Humidity: | 47% |
| Pressure: | 101kPa | | |
| Module B | | | |

Appendix A: 20dB Bandwidth

Test Result

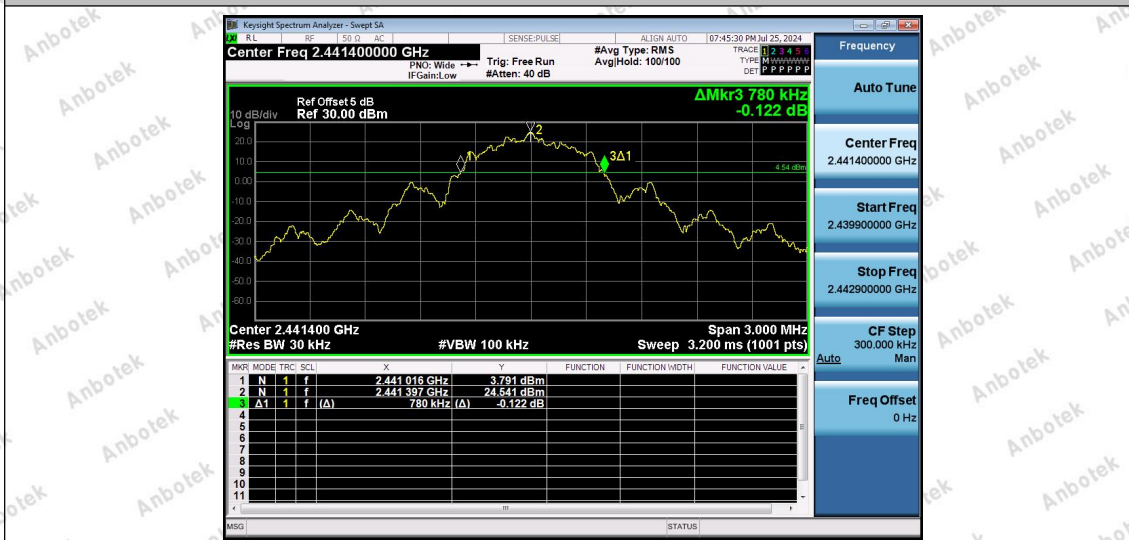
| TestMode | Antenna | Frequency[MHz] | 20db EBW[MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|----------------|------------------|----------|----------|------------|---------|
| 2.4G | Ant2 | 2402.4 | 0.777 | 2402.010 | 2402.787 | --- | --- |
| 2.4G | Ant2 | 2441.4 | 0.780 | 2441.016 | 2441.796 | --- | --- |
| 2.4G | Ant2 | 2479.4 | 0.786 | 2479.001 | 2479.787 | --- | --- |



Test Graphs



2.4G-Ant2-2402.4



2.4G-Ant2-2441.4



2.4G-Ant2-2479.4

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Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hanqicheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86)0755-26066440 Email: service@anbotek.com



Hotline
400-003-0500
www.anbotek.com



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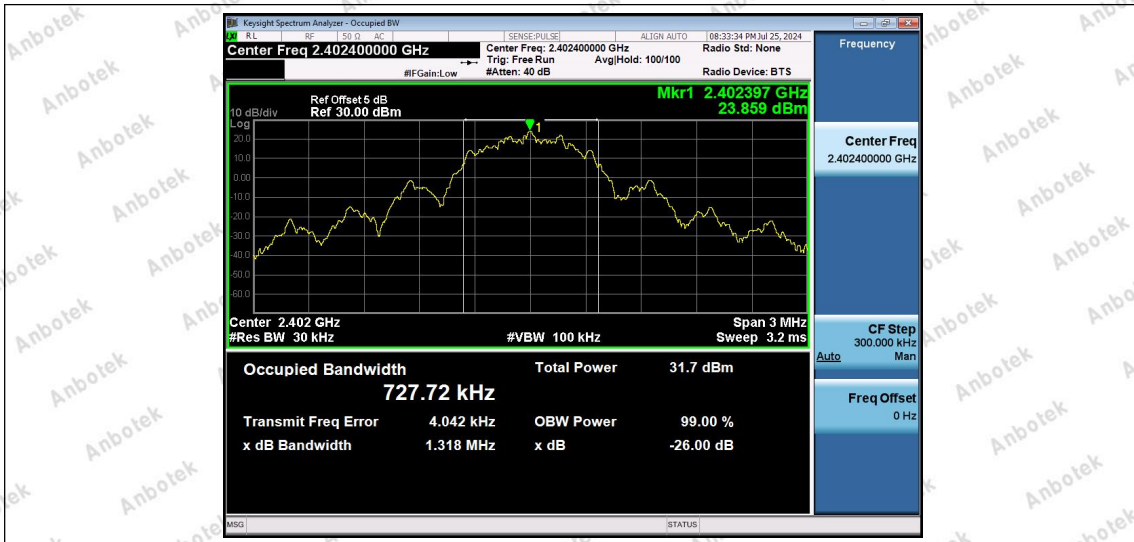
Appendix B: 99% Occupied Bandwidth

Test Result

| TestMode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|----------------|-----------|-----------|-----------|------------|---------|
| 2.4G | Ant2 | 2402.4 | 0.72772 | 2402.0402 | 2402.7679 | --- | --- |
| 2.4G | Ant2 | 2441.4 | 0.73929 | 2441.0338 | 2441.7731 | --- | --- |
| 2.4G | Ant2 | 2479.4 | 0.73486 | 2479.0317 | 2479.7666 | --- | --- |



Test Graphs



2.4G-Ant2-2402.4



2.4G-Ant2-2441.4



2.4G-Ant2-2479.4

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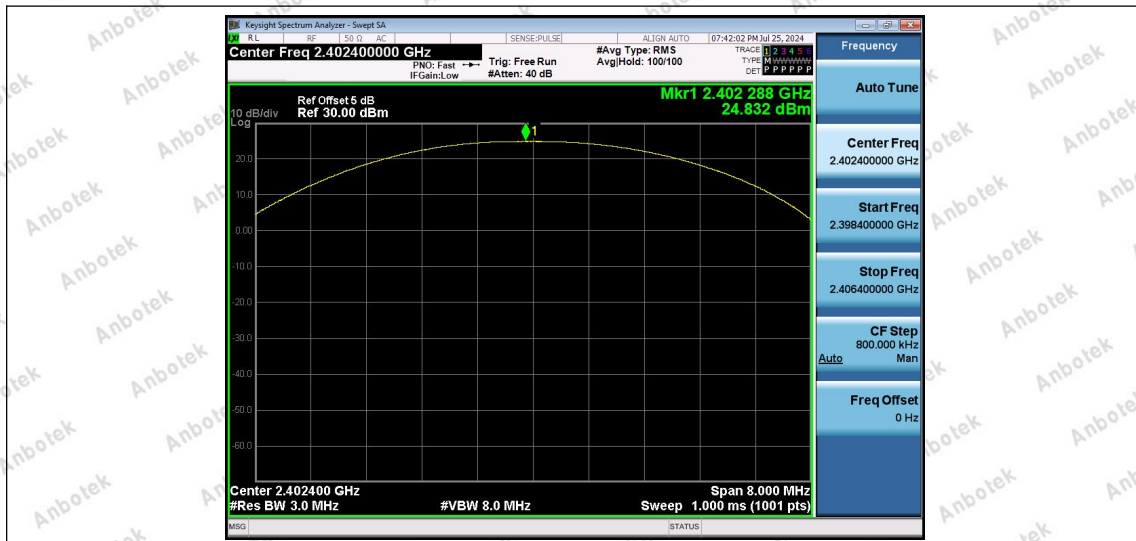


Appendix C: Maximum Conducted Output Power

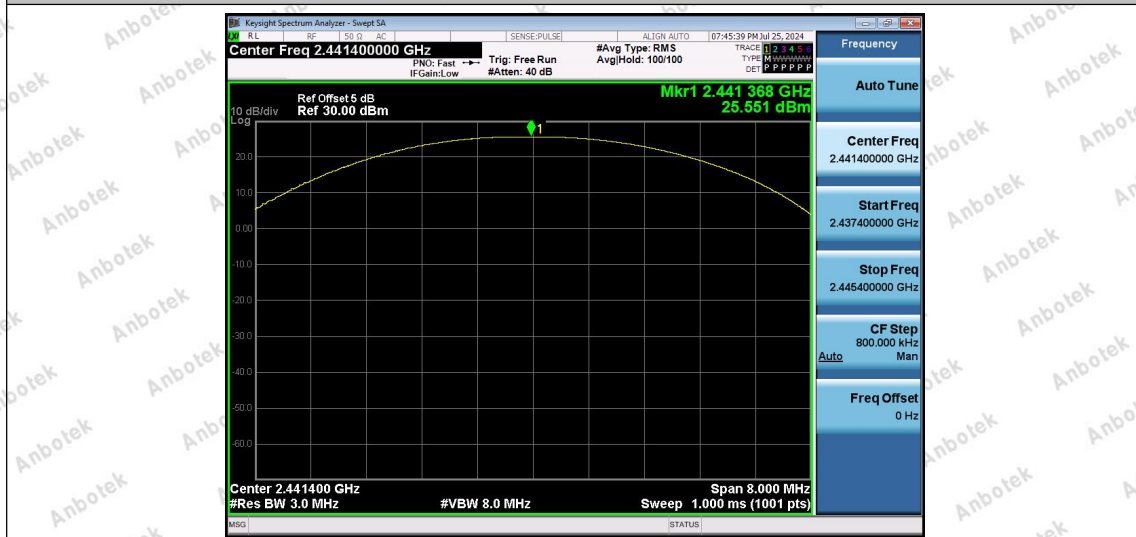
Test Result Peak

| Test Mode | Antenna | Frequency[MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|-----------|---------|----------------|---------------------------|----------------------|---------|
| 2.4G | Ant2 | 2402.4 | 24.83 | ≤30 | PASS |
| 2.4G | Ant2 | 2441.4 | 25.55 | ≤30 | PASS |
| 2.4G | Ant2 | 2479.4 | 26.28 | ≤30 | PASS |

Test Graphs

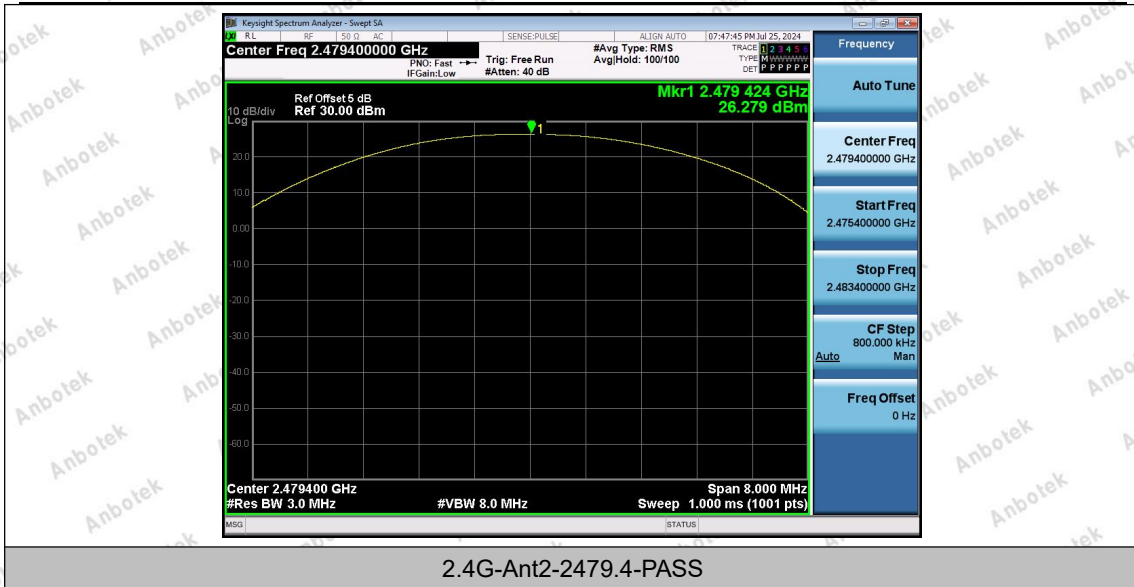


2.4G-Ant2-2402.4-PASS



2.4G-Ant2-2441.4-PASS





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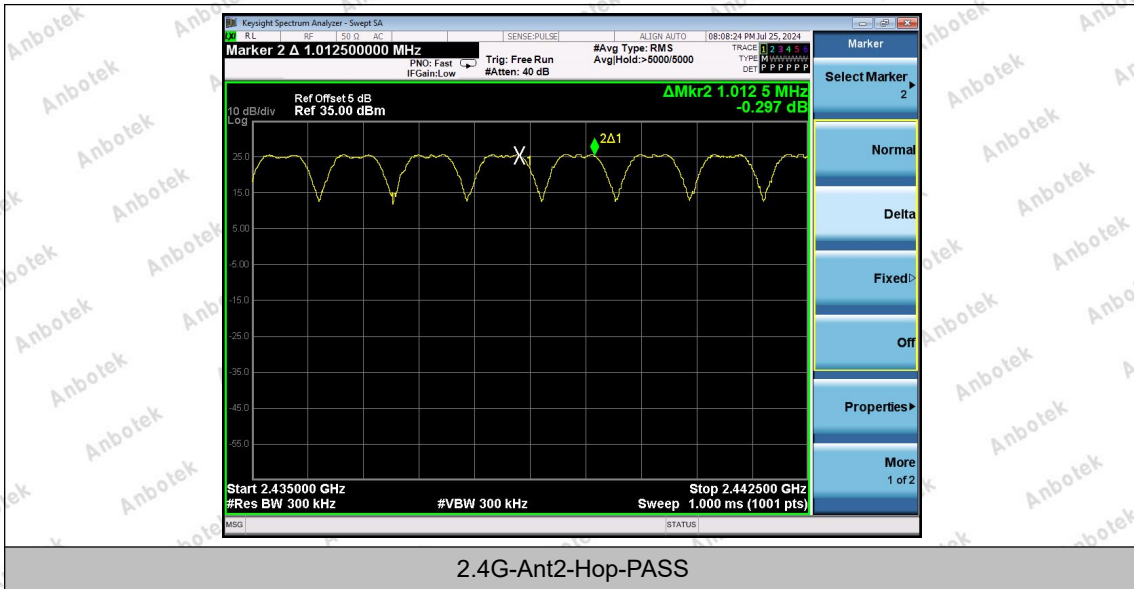
Appendix D: Carrier frequency separation

Test Result

| TestMode | Antenna | Frequency[MHz] | Result[MHz] | Limit[MHz] | Verdict |
|----------|---------|----------------|-------------|------------|---------|
| 2.4G | Ant2 | Hop | 1.012 | ≥0.786 | PASS |



Test Graphs



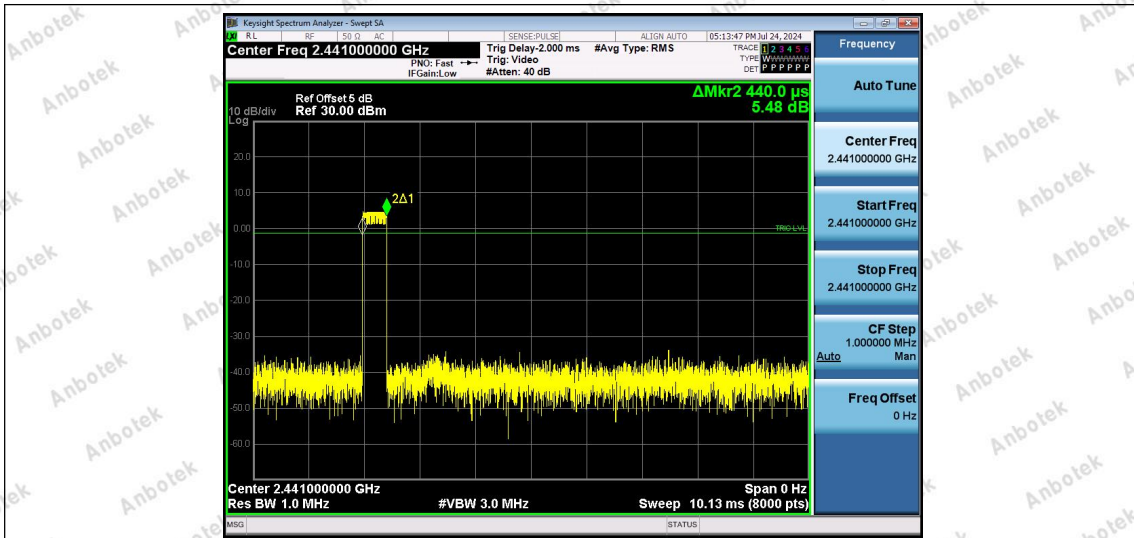
Appendix E: Dwell Time

Test Result

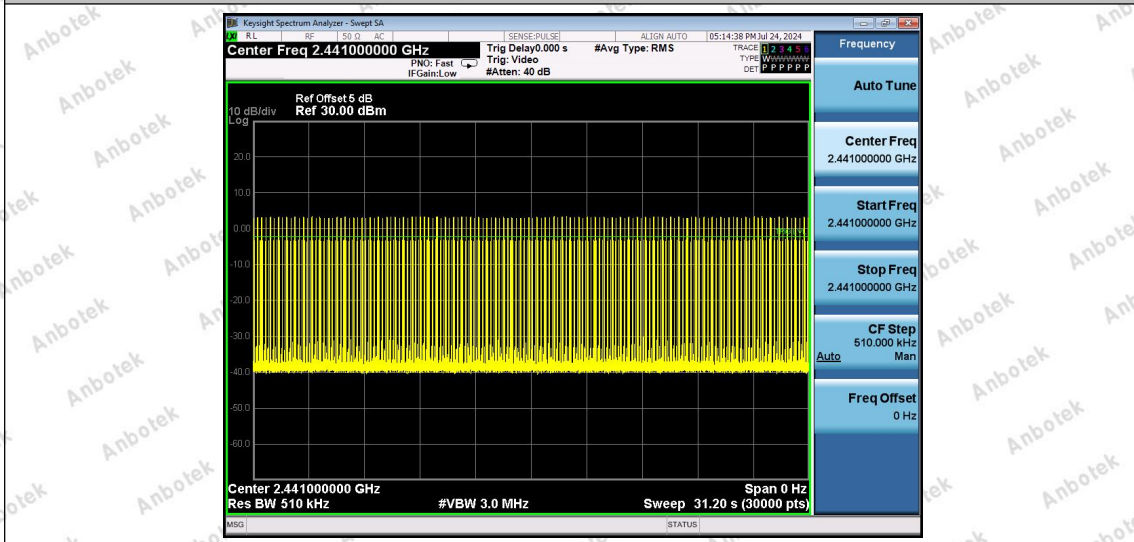
| TestMode | Antenna | Frequency[MHz] | BurstWidth [ms] | TotalHops [Num] | Result[s] | Limit[s] | Verdict |
|----------|---------|----------------|--------------------|--------------------|-----------|----------|---------|
| 2.4G | Ant2 | Hop | 0.440 | 200 | 0.088 | ≤0.4 | PASS |



Test Graphs



2.4G-Ant2-Hop-PASS



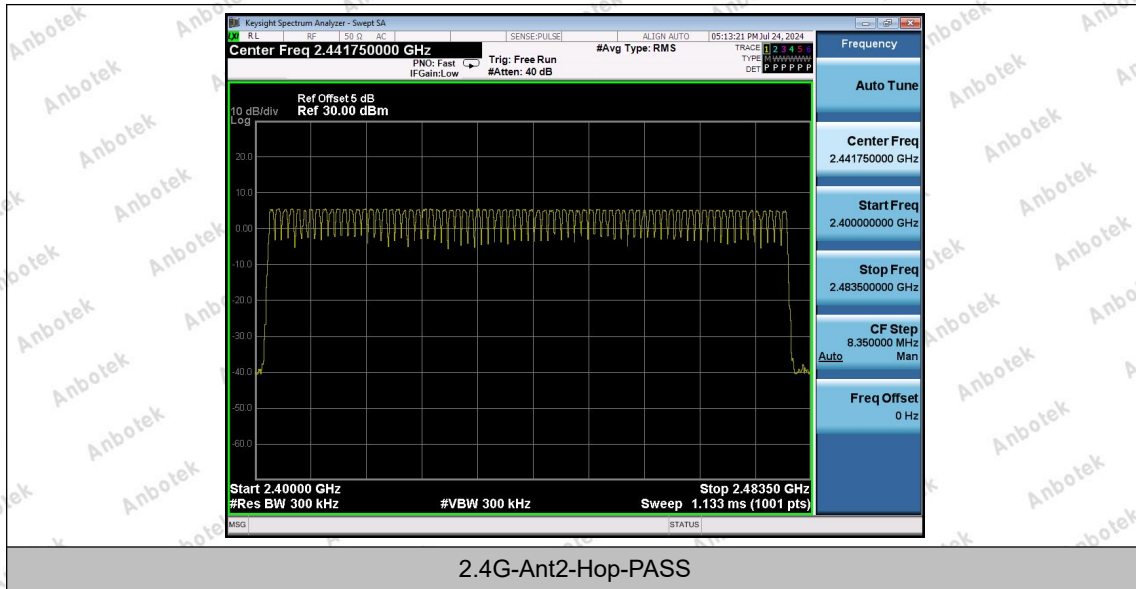
Appendix F: Number of Hopping Channel

Test Result

| TestMode | Antenna | Frequency[MHz] | Result[Num] | Limit[Num] | Verdict |
|----------|---------|----------------|-------------|------------|---------|
| 2.4G | Ant2 | Hop | 78 | ≥15 | PASS |



Test Graphs



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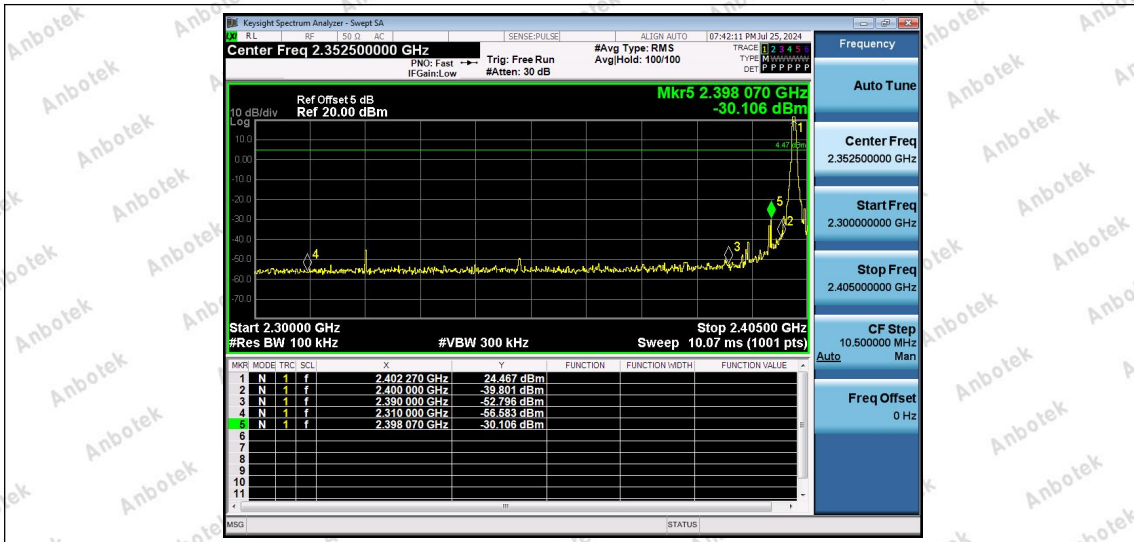
Appendix G: Conducted Band edge

Test Result

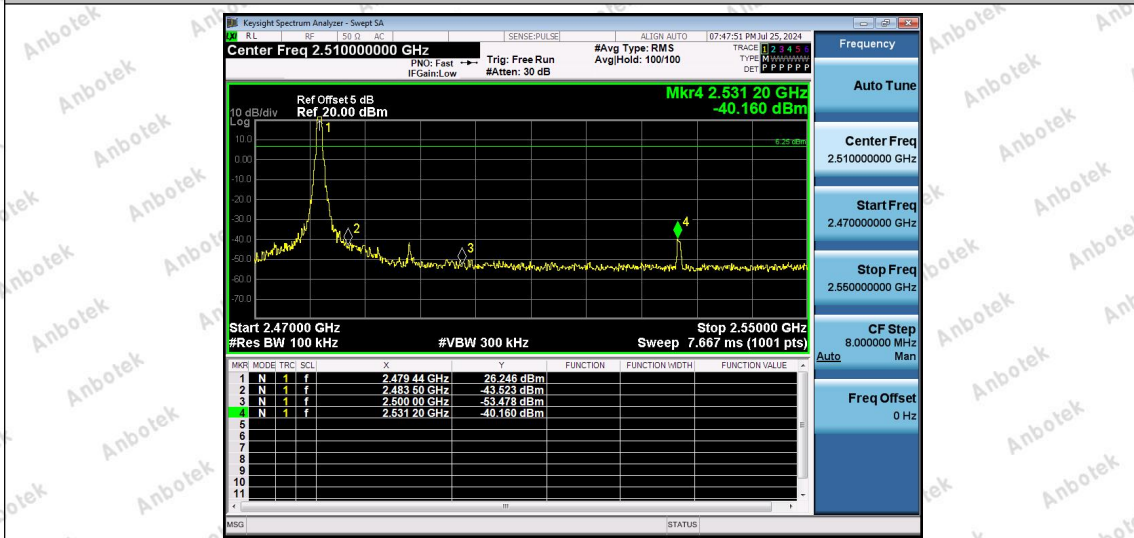
| TestMode | Antenna | ChName | Frequency[MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|----------|---------|--------|----------------|----------------|--------------|-------------|---------|
| 2.4G | Ant2 | Low | 2402.4 | 24.47 | -30.11 | ≤4.47 | PASS |
| 2.4G | Ant2 | High | 2479.4 | 26.25 | -40.16 | ≤6.25 | PASS |
| 2.4G | Ant2 | Low | Hop_2402.4 | 3.74 | -46.36 | ≤-16.27 | PASS |
| 2.4G | Ant2 | High | Hop_2479.4 | 4.85 | -47.71 | ≤-15.16 | PASS |



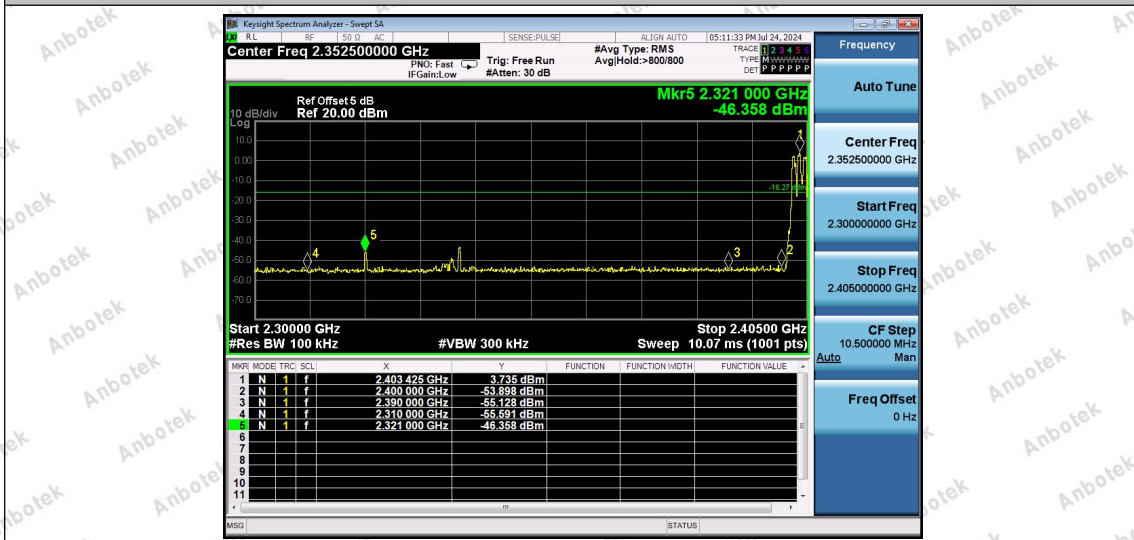
Test Graphs



2.4G-Ant2-2402.4-PASS



2.4G-Ant2-2479.4-PASS



2.4G-Ant2-Hop_2402.4-PASS

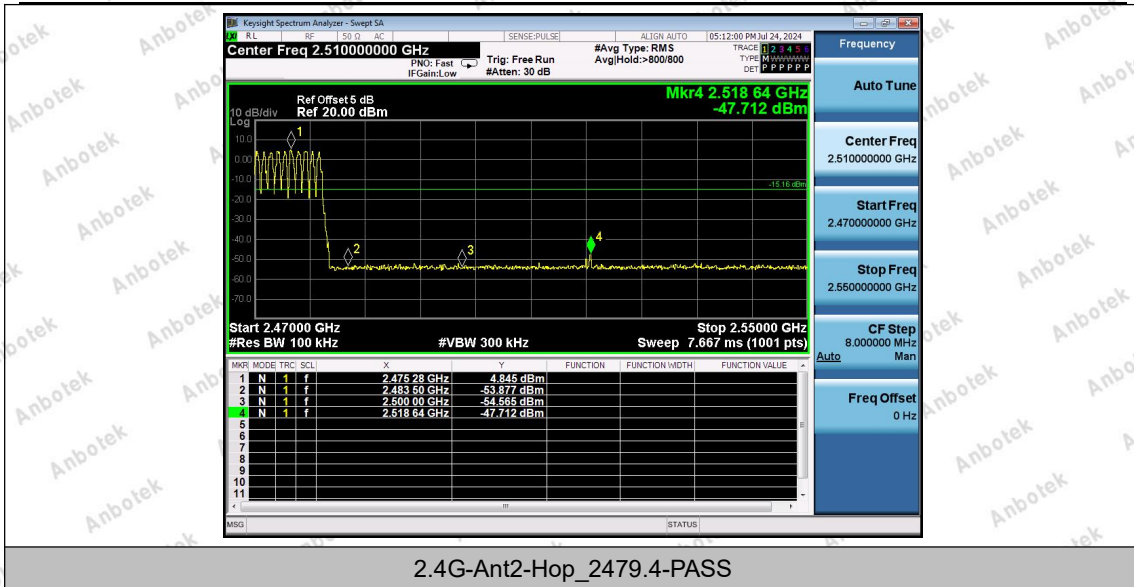
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Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hanqicheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
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Appendix H: Conducted Spurious Emission

Test Result

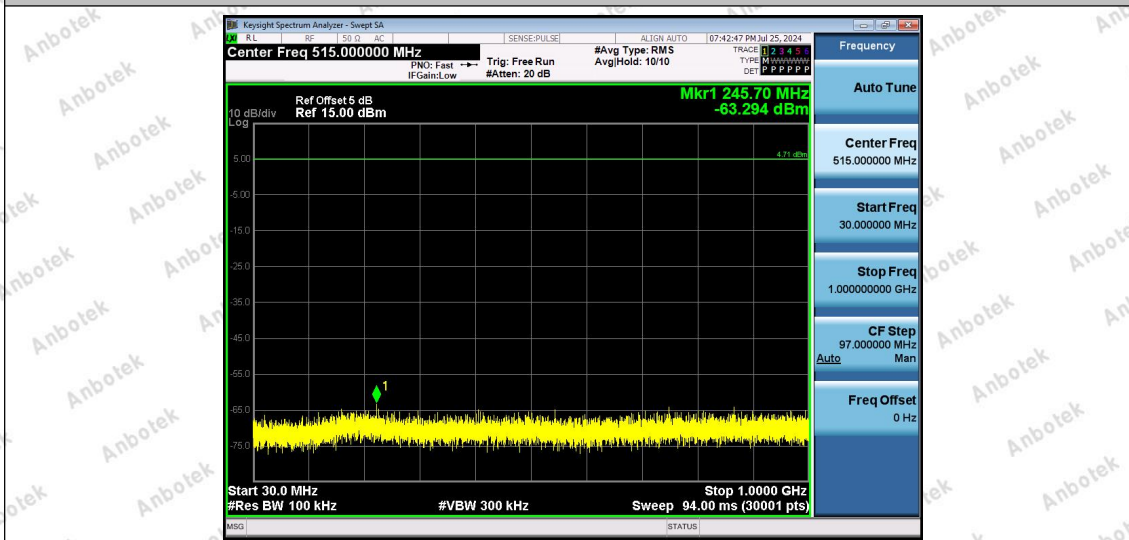
| TestMode | Antenna | Frequency[MHz] | FreqRange [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|----------|---------|----------------|-----------------|----------------|--------------|-------------|---------|
| 2.4G | Ant2 | 2402.4 | 0~Reference | 24.71 | 24.71 | --- | PASS |
| 2.4G | Ant2 | 2402.4 | 30~1000 | 24.71 | -63.29 | ≤4.71 | PASS |
| 2.4G | Ant2 | 2402.4 | 1000~26500 | 24.71 | -28.8 | ≤4.71 | PASS |
| 2.4G | Ant2 | 2441.4 | 0~Reference | 25.35 | 25.35 | --- | PASS |
| 2.4G | Ant2 | 2441.4 | 30~1000 | 25.35 | -63.74 | ≤5.35 | PASS |
| 2.4G | Ant2 | 2441.4 | 1000~26500 | 25.35 | -29.87 | ≤5.35 | PASS |
| 2.4G | Ant2 | 2479.4 | 0~Reference | 26.06 | 26.06 | --- | PASS |
| 2.4G | Ant2 | 2479.4 | 30~1000 | 26.06 | -64.22 | ≤6.06 | PASS |
| 2.4G | Ant2 | 2479.4 | 1000~26500 | 26.06 | -29.82 | ≤6.06 | PASS |



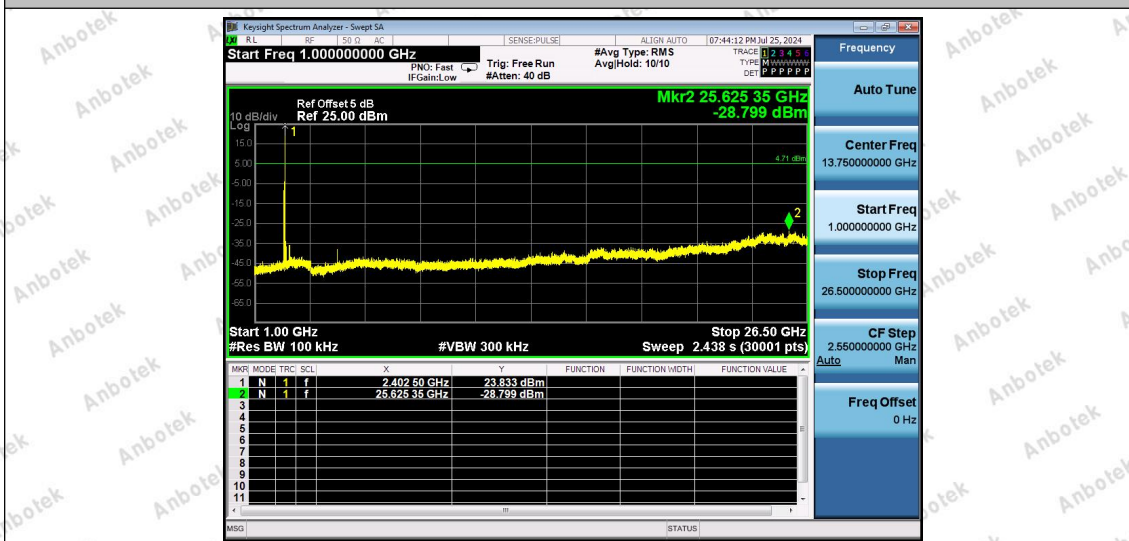
Test Graphs



2.4G-Ant2-2402.4-0~Reference-PASS



2.4G-Ant2-2402.4-30~1000-PASS



2.4G-Ant2-2402.4-1000~26500-PASS

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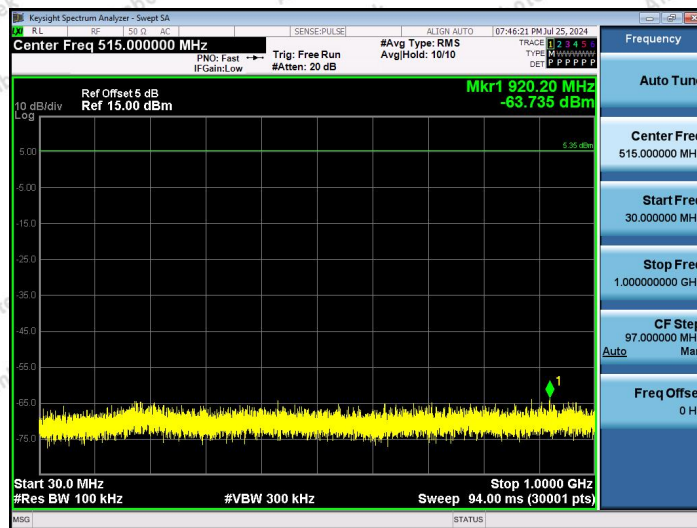


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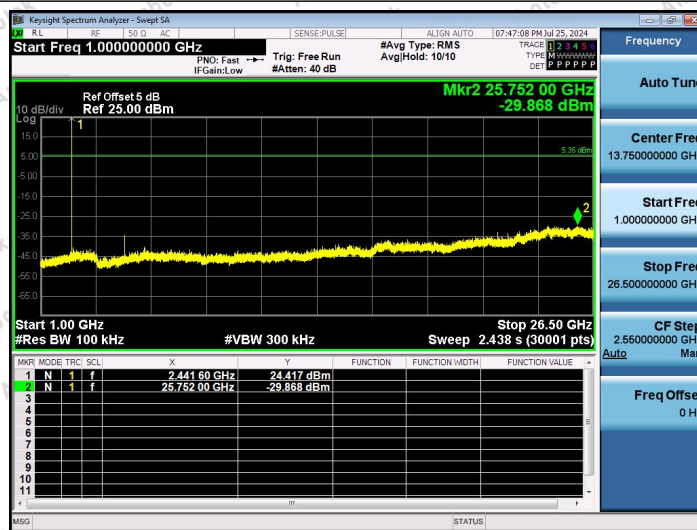




2.4G-Ant2-2441.4-0~Reference-PASS



2.4G-Ant2-2441.4-30~1000-PASS



2.4G-Ant2-2441.4-1000~26500-PASS

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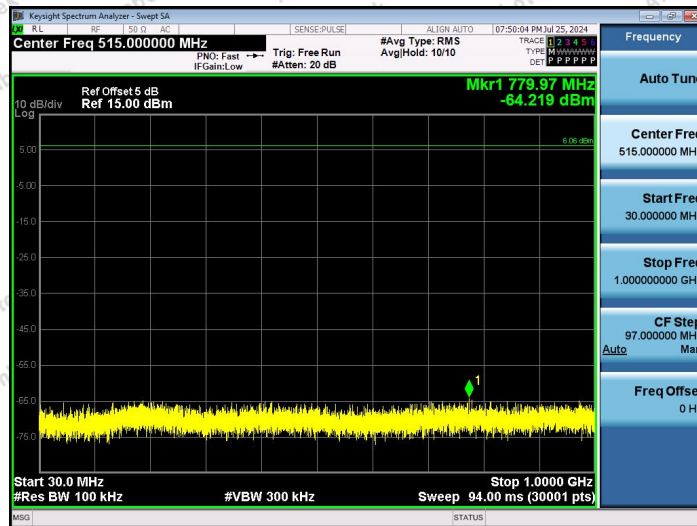


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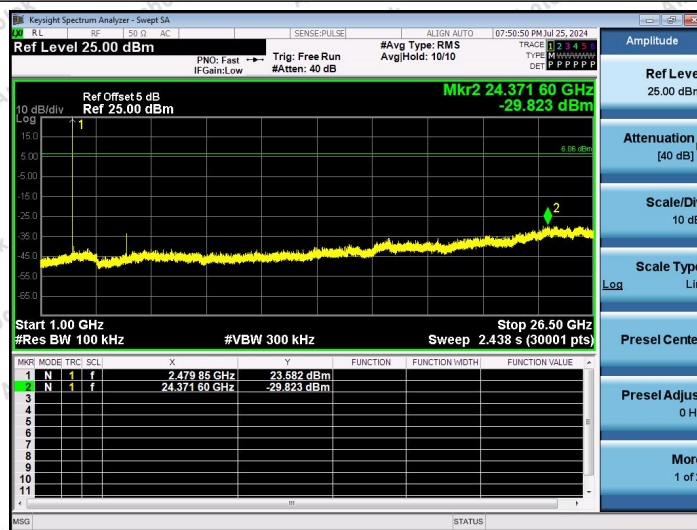




2.4G-Ant2-2479.4-0~Reference-PASS



2.4G-Ant2-2479.4-30~1000-PASS



2.4G-Ant2-2479.4-1000~26500-PASS

---END---

