

Appendix Test Data

|                  |                  |                    |             |
|------------------|------------------|--------------------|-------------|
| Report No:       | 1813C40054312501 | Test Sample NO:    | 1-2-2       |
| Start Test Date: | 2024.4.30        | Finish Test Date:  | 2024.4.30   |
| Test Engineer:   | Joker Wang       | Auditor:           | Justin Feng |
| Temperature:     | 23.7℃            | Relative Humidity: | 49%         |
| Pressure:        | 101 kPa          |                    |             |

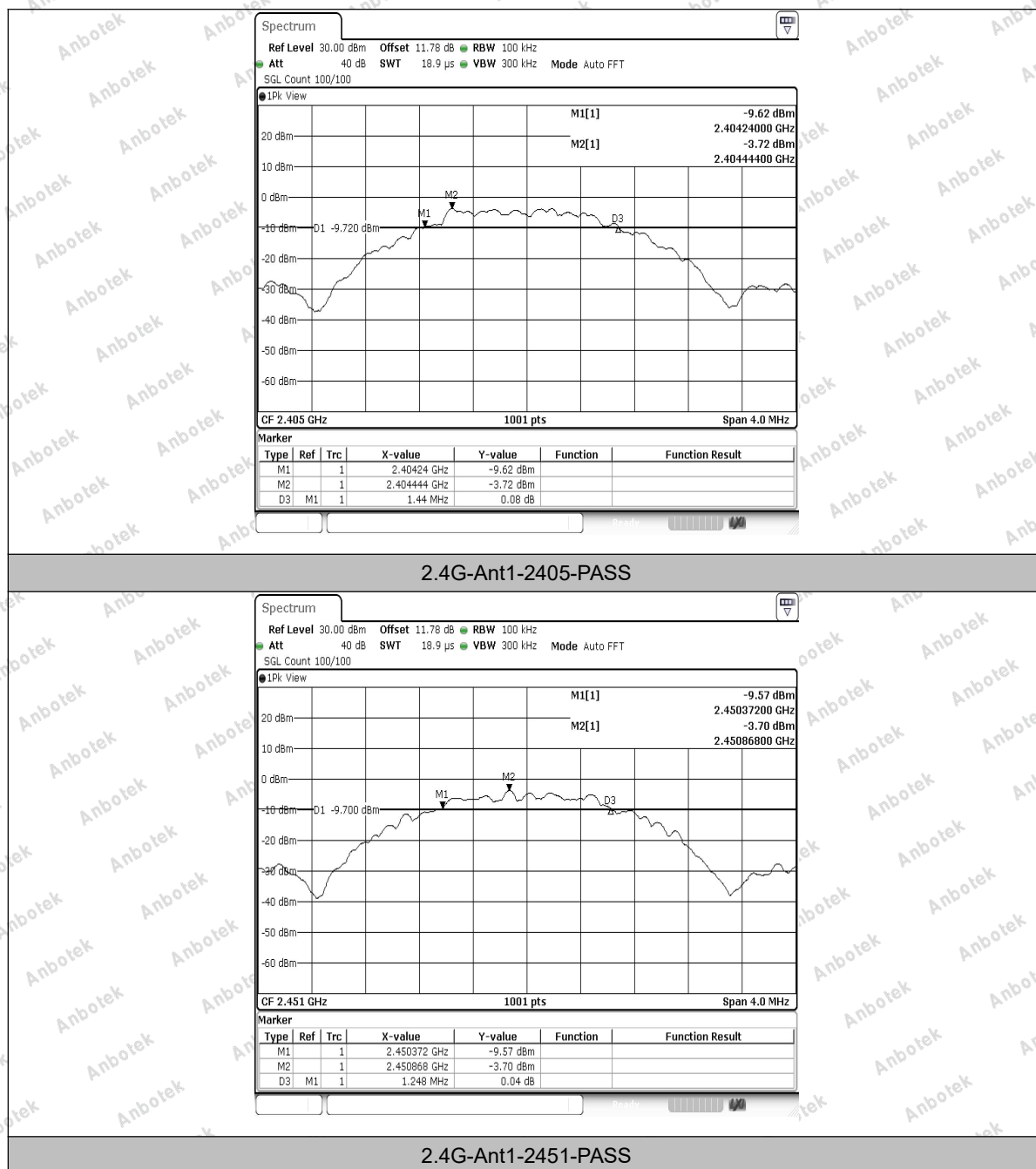
Appendix A: DTS Bandwidth

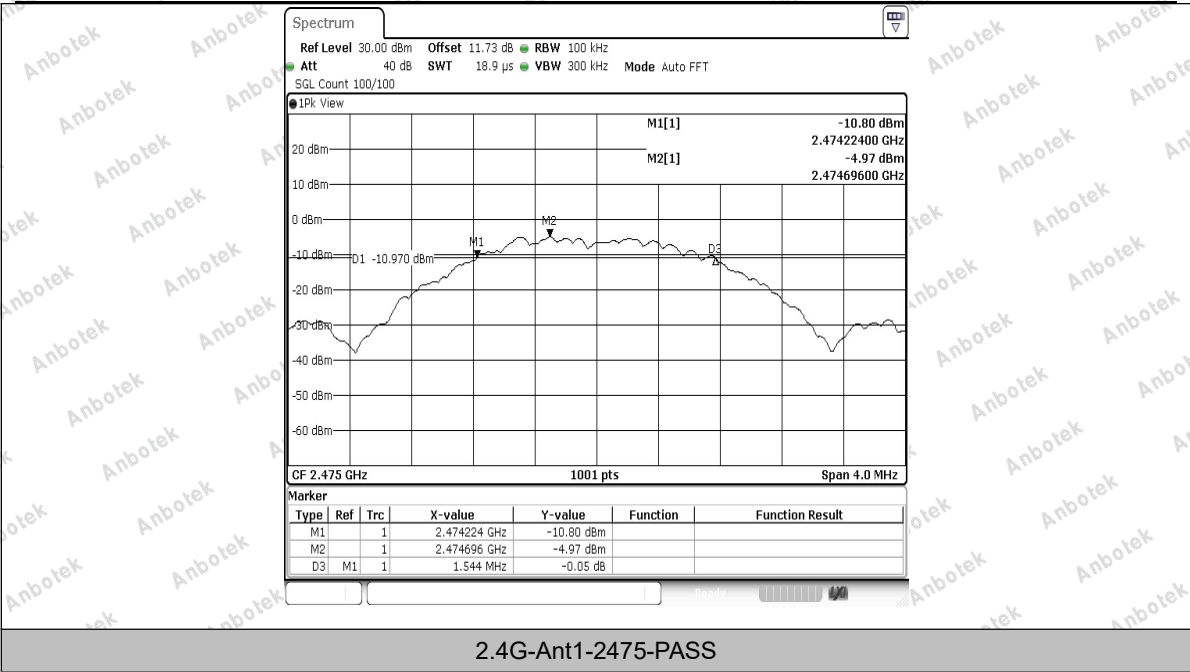
Test Result

| TestMode | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|----------------|--------------|---------|---------|------------|---------|
| 2.4G     | Ant1    | 2405           | 1.44         | 2404.24 | 2405.68 | 0.5        | PASS    |
| 2.4G     | Ant1    | 2451           | 1.25         | 2450.37 | 2451.62 | 0.5        | PASS    |
| 2.4G     | Ant1    | 2475           | 1.54         | 2474.22 | 2475.77 | 0.5        | PASS    |



## Test Graphs





Appendix B: Occupied Channel Bandwidth

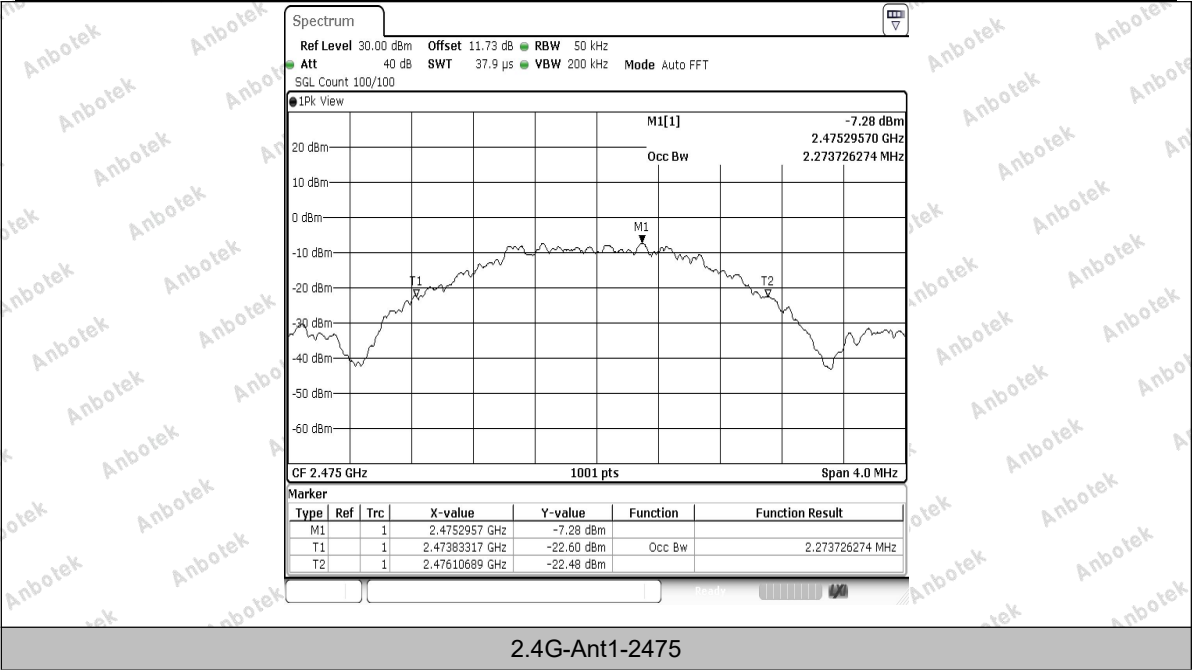
Test Result

| TestMode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|----------|---------|----------------|-----------|-----------|-----------|------------|---------|
| 2.4G     | Ant1    | 2405           | 2.242     | 2403.8651 | 2406.1069 | ---        | ---     |
| 2.4G     | Ant1    | 2451           | 2.238     | 2449.8691 | 2452.1069 | ---        | ---     |
| 2.4G     | Ant1    | 2475           | 2.274     | 2473.8332 | 2476.1069 | ---        | ---     |



## Test Graphs





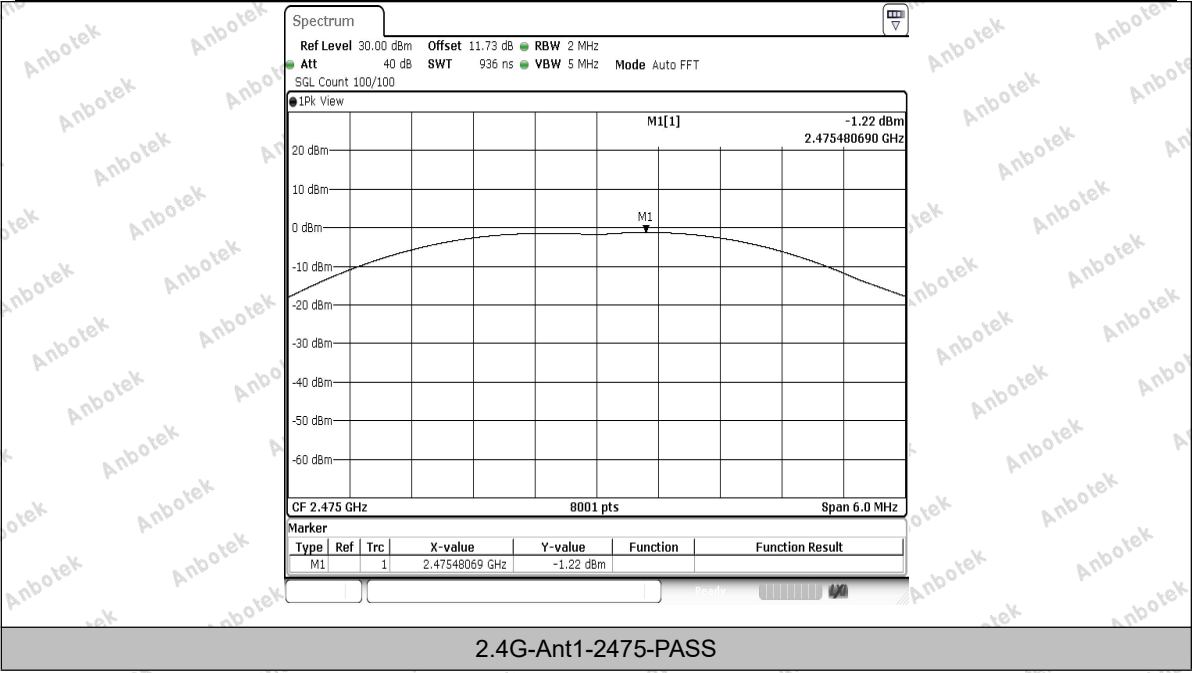
## Appendix C: Maximum conducted output power

### Test Result Peak

| TestMode | Antenna | Frequency[MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|----------|---------|----------------|---------------------------|----------------------|---------|
| 2.4G     | Ant1    | 2405           | -0.47                     | ≤30                  | PASS    |
| 2.4G     | Ant1    | 2451           | -0.96                     | ≤30                  | PASS    |
| 2.4G     | Ant1    | 2475           | -1.22                     | ≤30                  | PASS    |

### Test Graphs Peak





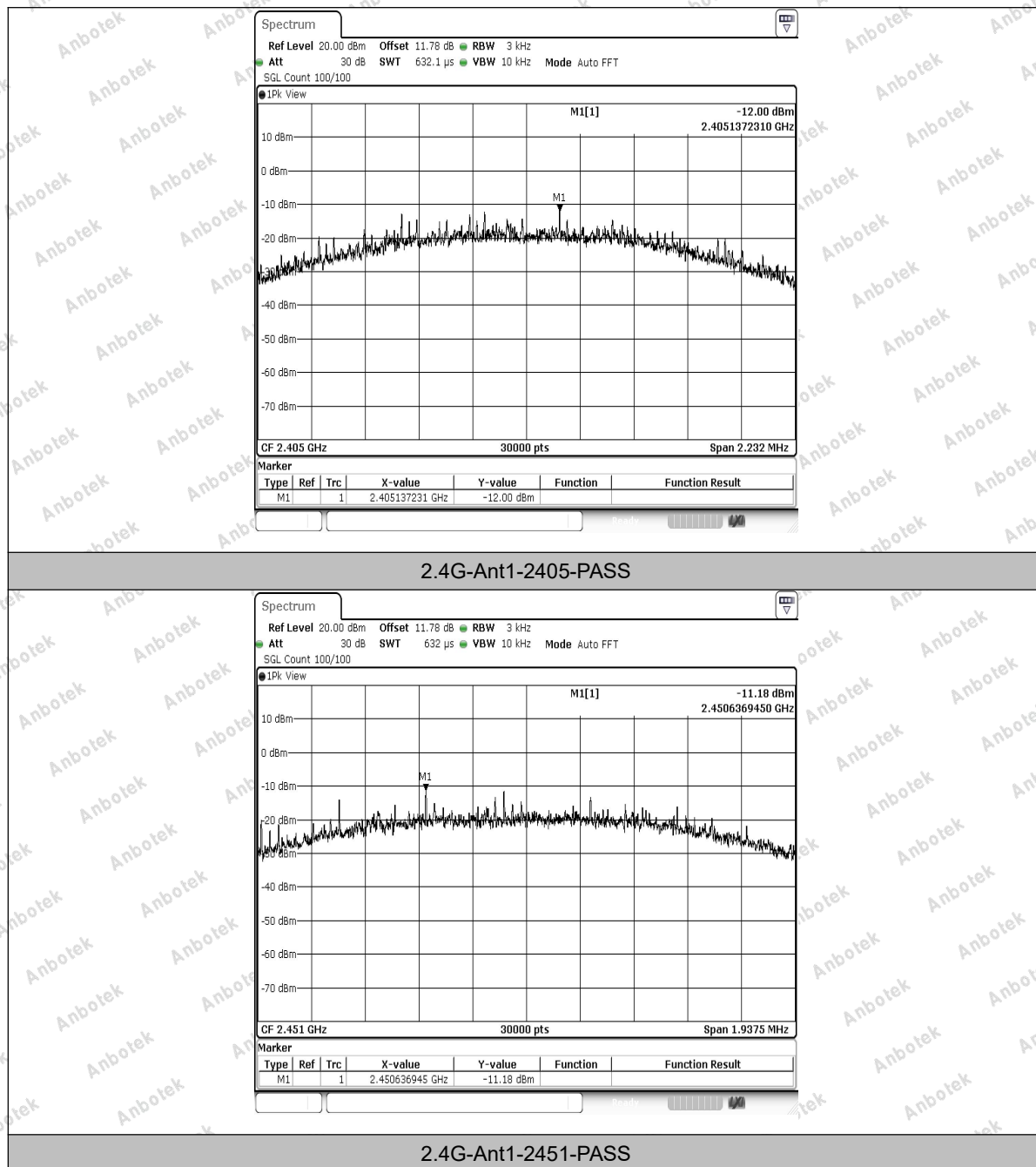
Appendix D: Maximum power spectral density

Test Result

| TestMode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|----------------|------------------|-----------------|---------|
| 2.4G     | Ant1    | 2405           | -12.00           | ≤8.00           | PASS    |
| 2.4G     | Ant1    | 2451           | -11.18           | ≤8.00           | PASS    |
| 2.4G     | Ant1    | 2475           | -12.35           | ≤8.00           | PASS    |



## Test Graphs



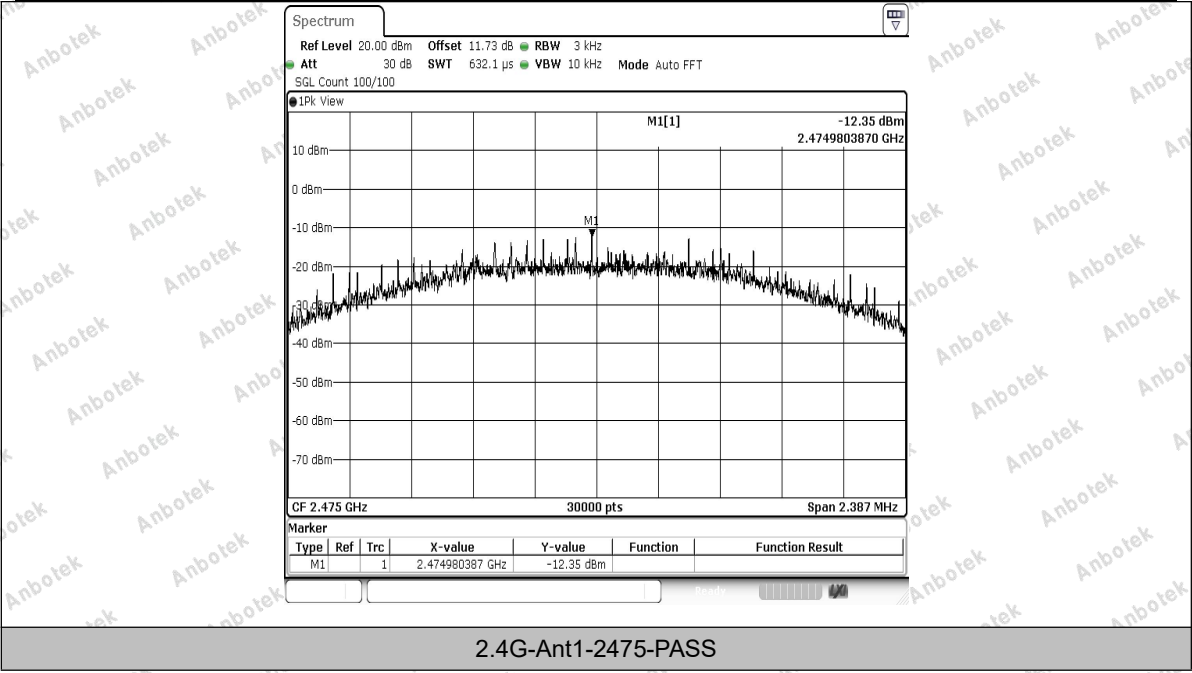
### Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,  
Sanwei Community, Hahgcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.  
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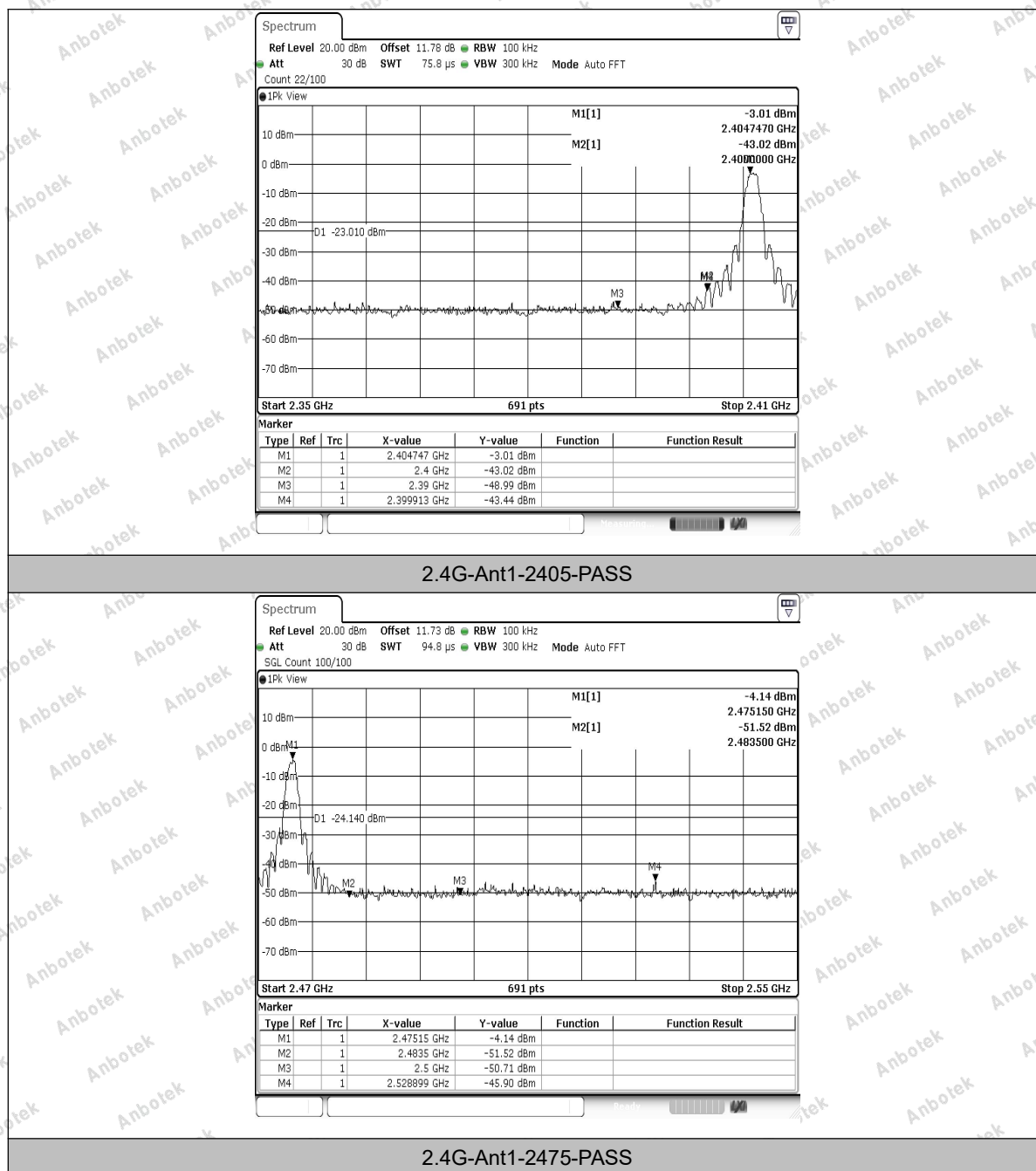
Appendix E: Band edge measurements

Test Result

| TestMode | Antenna | ChName | Frequency[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|--------|----------------|---------------|-------------|------------|---------|
| 2.4G     | Ant1    | Low    | 2405           | -3.01         | -43.44      | ≤-23.01    | PASS    |
| 2.4G     | Ant1    | High   | 2475           | -4.14         | -45.9       | ≤-24.14    | PASS    |



## Test Graphs



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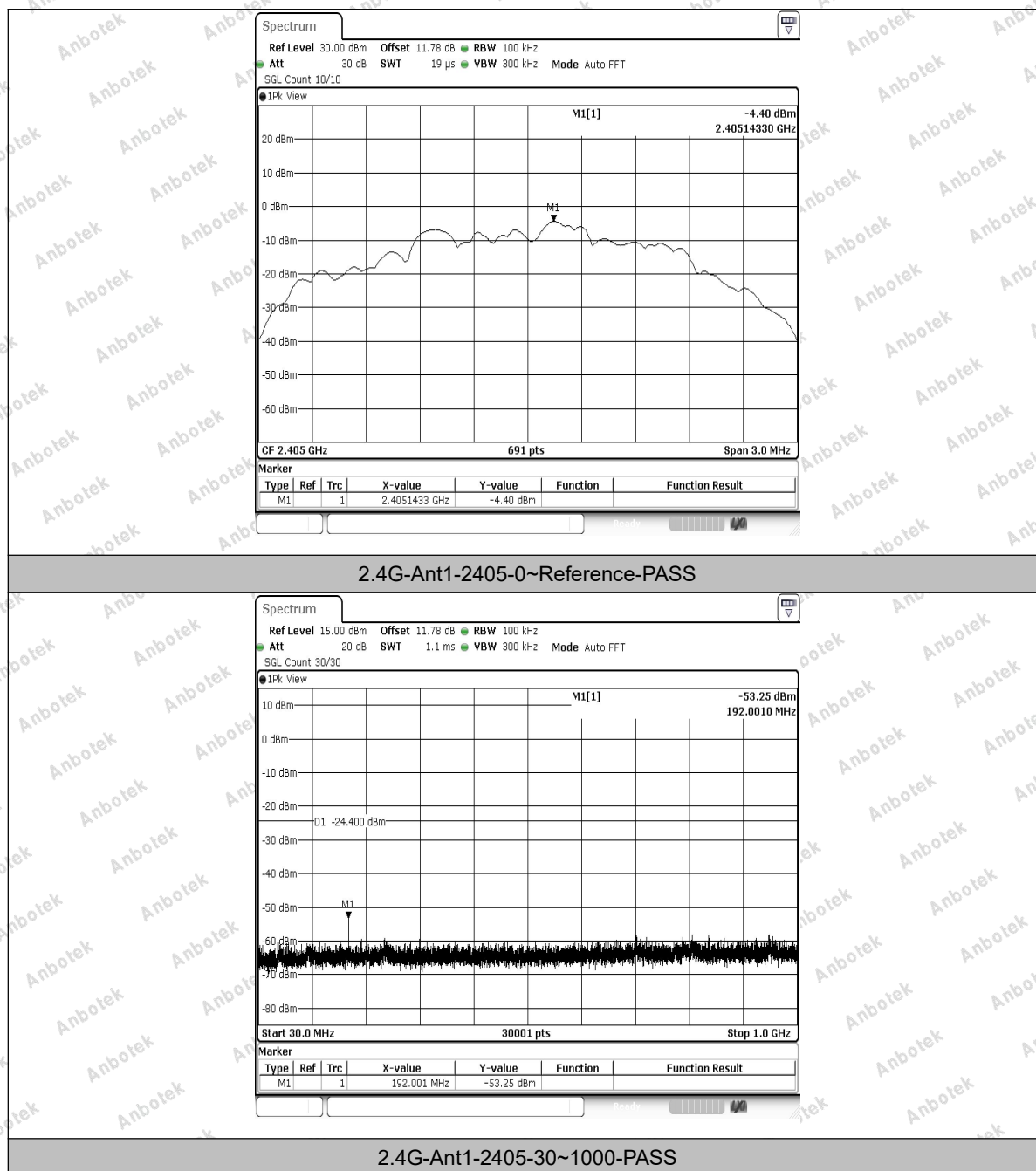
## Appendix F: Conducted Spurious Emission

### Test Result

| TestMode | Antenna | Frequency[MHz] | FreqRange [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|----------------|-----------------|----------------|-------------|------------|---------|
| 2.4G     | Ant1    | 2405           | 0~Reference     | -4.40          | -4.40       | ---        | PASS    |
| 2.4G     | Ant1    | 2405           | 30~1000         | -4.40          | -53.25      | ≤-24.4     | PASS    |
| 2.4G     | Ant1    | 2405           | 1000~26500      | -4.40          | -40.41      | ≤-24.4     | PASS    |
| 2.4G     | Ant1    | 2451           | 0~Reference     | -4.53          | -4.53       | ---        | PASS    |
| 2.4G     | Ant1    | 2451           | 30~1000         | -4.53          | -54.24      | ≤-24.53    | PASS    |
| 2.4G     | Ant1    | 2451           | 1000~26500      | -4.53          | -43.68      | ≤-24.53    | PASS    |
| 2.4G     | Ant1    | 2475           | 0~Reference     | -6.40          | -6.40       | ---        | PASS    |
| 2.4G     | Ant1    | 2475           | 30~1000         | -6.40          | -54.82      | ≤-26.4     | PASS    |
| 2.4G     | Ant1    | 2475           | 1000~26500      | -6.40          | -32.74      | ≤-26.4     | PASS    |



## Test Graphs



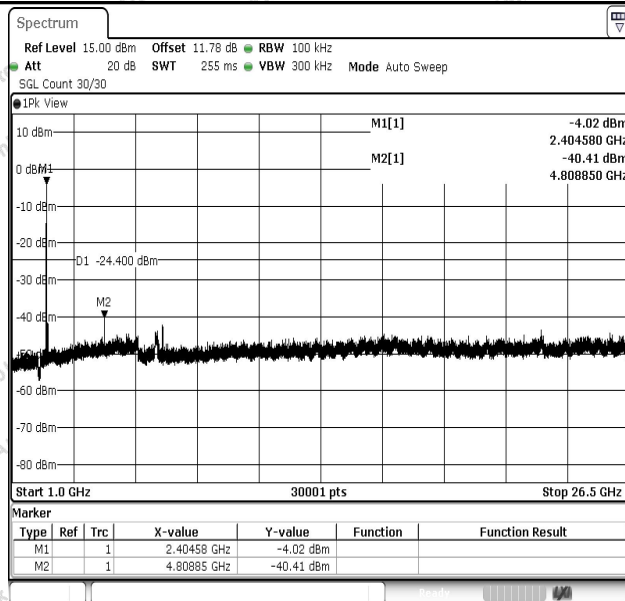
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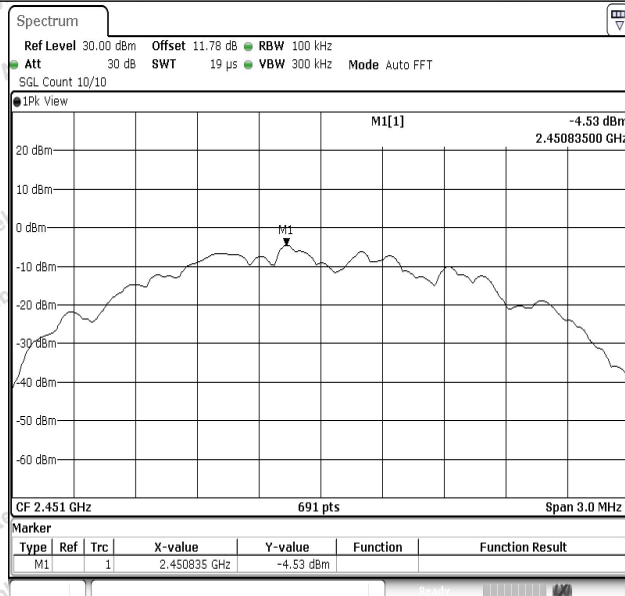


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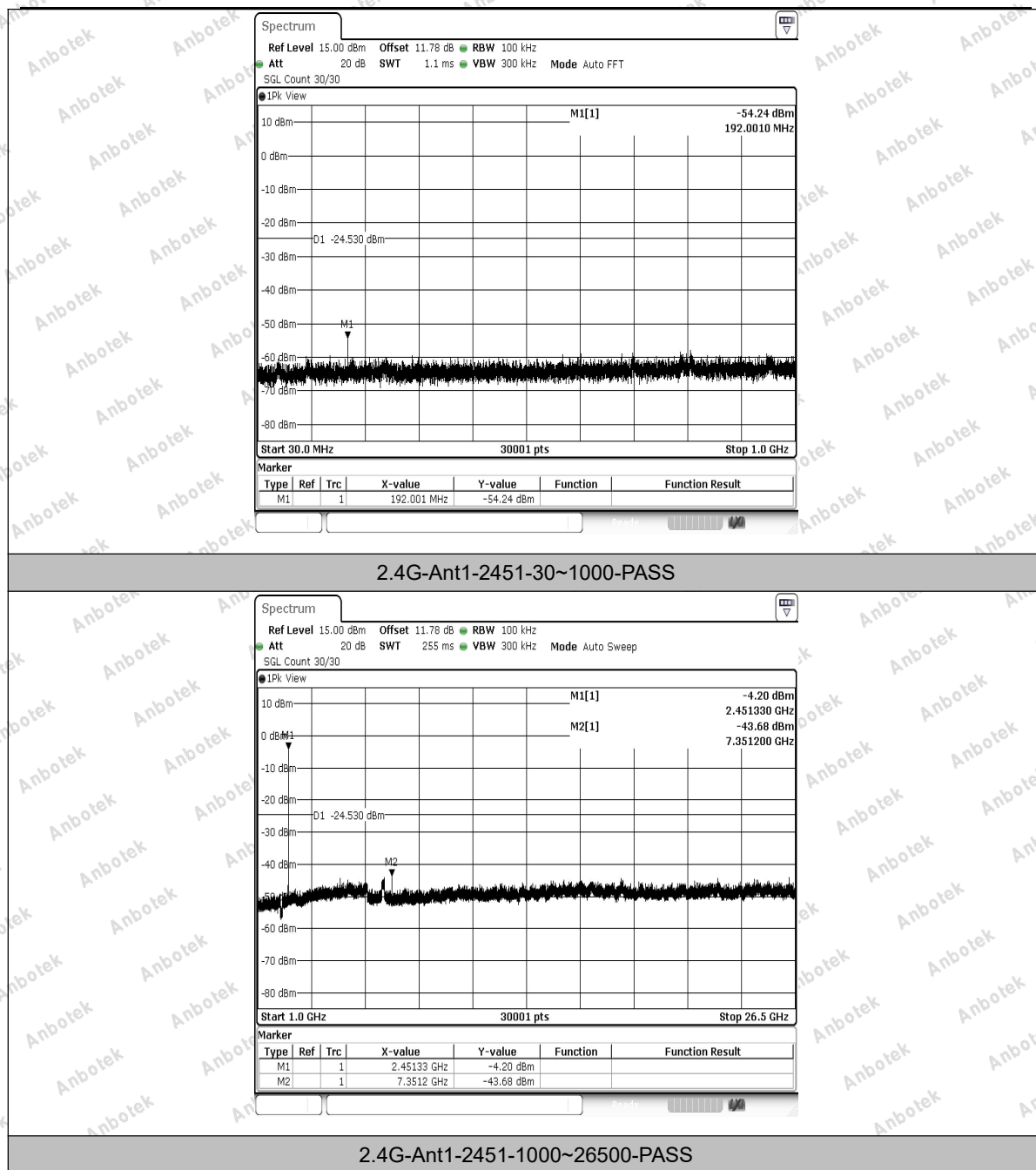


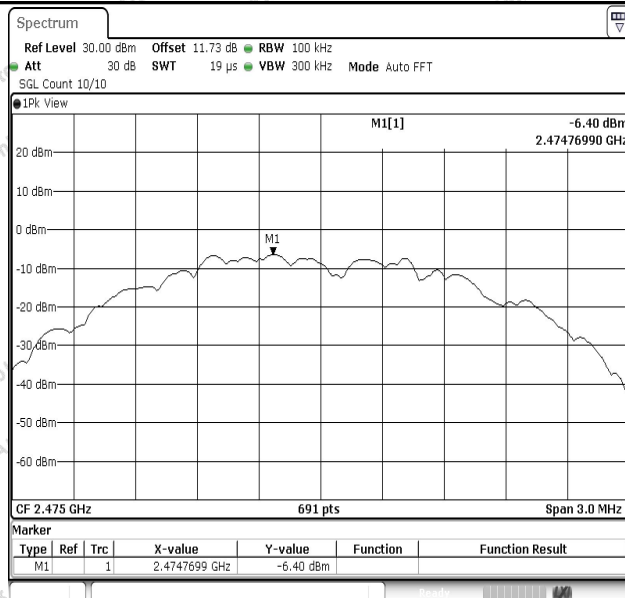
## 2.4G-Ant1-2405-1000~26500-PASS



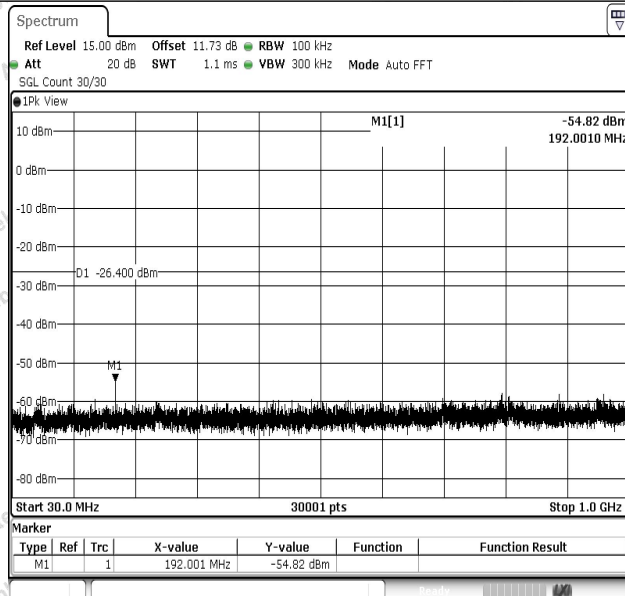
## 2.4G-Ant1-2451-0~Reference-PASS





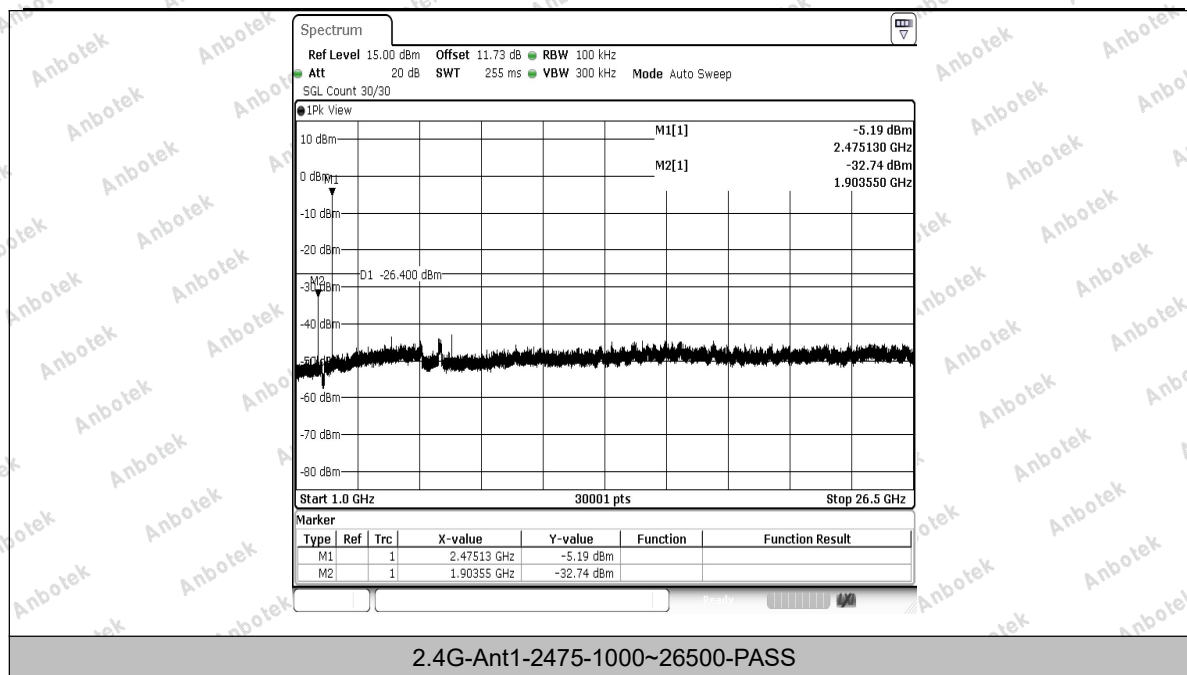


## 2.4G-Ant1-2475-0~Reference-PASS



## 2.4G-Ant1-2475-30~1000-PASS





---END---

