

## Appendix Test Data

|                  |                     |                    |             |
|------------------|---------------------|--------------------|-------------|
| Report No.:      | 1812C60438812502-01 | Test Sample No.:   | 1-2-2       |
| Start Test Date: | 2026-8-4            | Finish Test Date:  | 2026-8-4    |
| Test Engineer:   | Tracy Liang         | Auditor:           | Justin Feng |
| Temperature:     | 26.3℃               | Relative Humidity: | 58%         |
| Pressure:        | 101kPa              |                    |             |

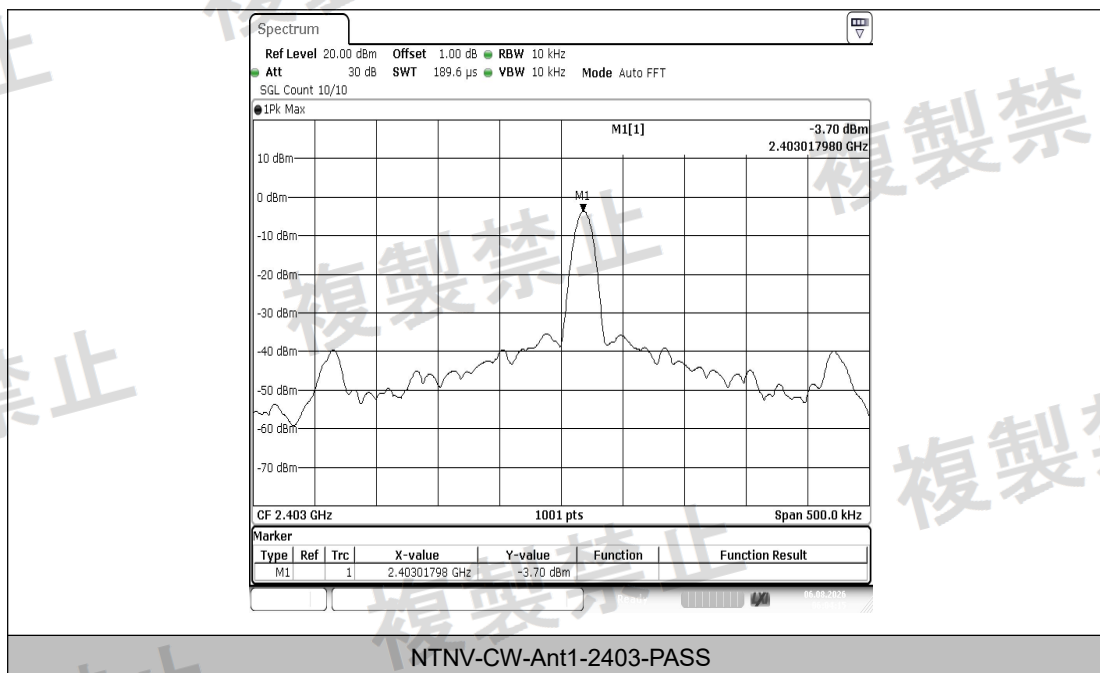
## Appendix A: Frequency\_Error

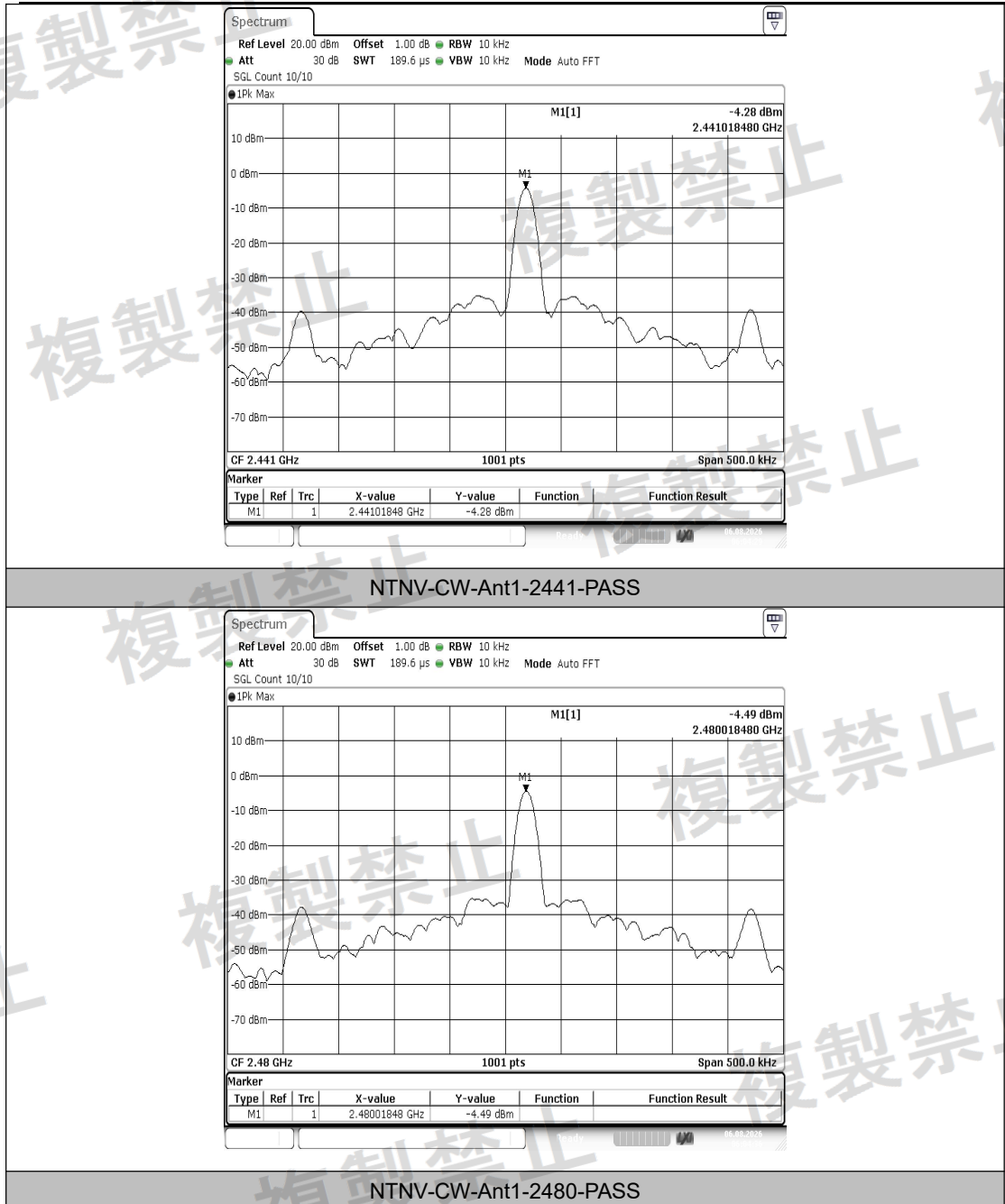
## Test Result

| Test Condition | Test Mode | Antenna | Frequency [MHz] | Center Freq. [MHz] | Result[ppm] | Limit[ppm] | Verdict |
|----------------|-----------|---------|-----------------|--------------------|-------------|------------|---------|
| NTNV           | CW        | Ant1    | 2403            | 2403.01798         | 7.48231     | ±50        | PASS    |
| NTNV           | CW        | Ant1    | 2441            | 2441.01848         | 7.57067     | ±50        | PASS    |
| NTNV           | CW        | Ant1    | 2480            | 2480.01848         | 7.45161     | ±50        | PASS    |

Note: Result[ppm]= (Center Freq.[MHz] - Frequency[MHz])/ Frequency[MHz]\*1000000

## Test Graphs





## Appendix B: Antenna Power

### Test Result

| Test Condition | Test Mode | Antenna | Frequency [MHz] | Result [dBm] | Result (mW) | Spread Bandwidth (MHz) | Result [mW/MHz] | Limit [mW/MHz] | Verdict |
|----------------|-----------|---------|-----------------|--------------|-------------|------------------------|-----------------|----------------|---------|
| NTNV           | 2.4G      | Ant1    | Hop             | 11.25        | 13.3352     | 76.723                 | 0.1738          | ≤3             | PASS    |

1. Result [mW] =  $10^{(\text{Test Result [dBm]}/10)}$

2. The duty cycle factor is already included in the result.

| Test Condition | Test Mode | Antenna | Frequency [MHz] | Power [mW/MHz] | Rated Power [mW/MHz] | Result [%] | Limit [%] | Verdict |
|----------------|-----------|---------|-----------------|----------------|----------------------|------------|-----------|---------|
| NTNV           | 2.4G      | Ant1    | Hop             | 0.1738         | 0.2                  | -13.15     | +20       | PASS    |

| Test Condition | Test Mode | Antenna | Frequency [MHz] | Result [dBm/MHz] | Gain [dBi] | EIRP (dBm/MHz) | Limit (dBm/MHz) | Verdict |
|----------------|-----------|---------|-----------------|------------------|------------|----------------|-----------------|---------|
| NTNV           | 2.4G      | Ant1    | Hop             | -7.5995          | 2.34       | -5.2595        | ≤6.91           | PASS    |

Note:

Result [dBm/MHz] =  $10 \log(\text{Power [mW/MHz]})$

EIRP [dBm/MHz] = Result [dBm/MHz] + Gain (dBi)

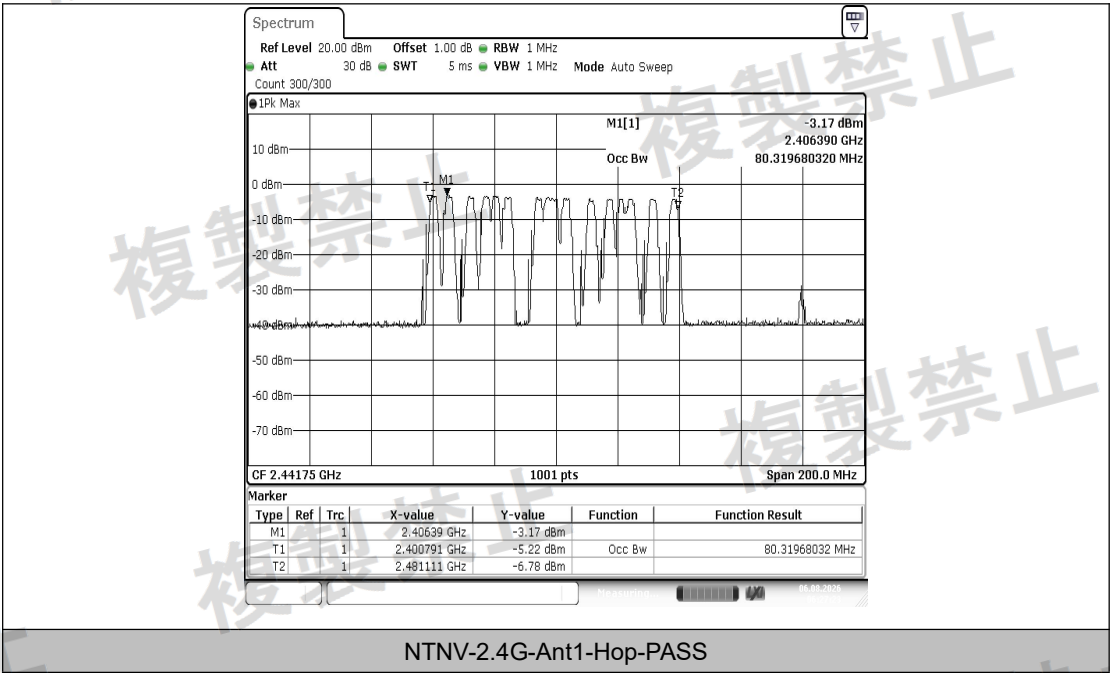


Appendix C: Occupied Bandwidth

Test Result

| Test Condition | Test Mode | Antenna | Frequency[MHz] | Result [MHz] | Limit [MHz] | Verdict |
|----------------|-----------|---------|----------------|--------------|-------------|---------|
| NTNV           | 2.4G      | Ant1    | Hop            | 80.320       | ≤83.5       | PASS    |

Test Graphs

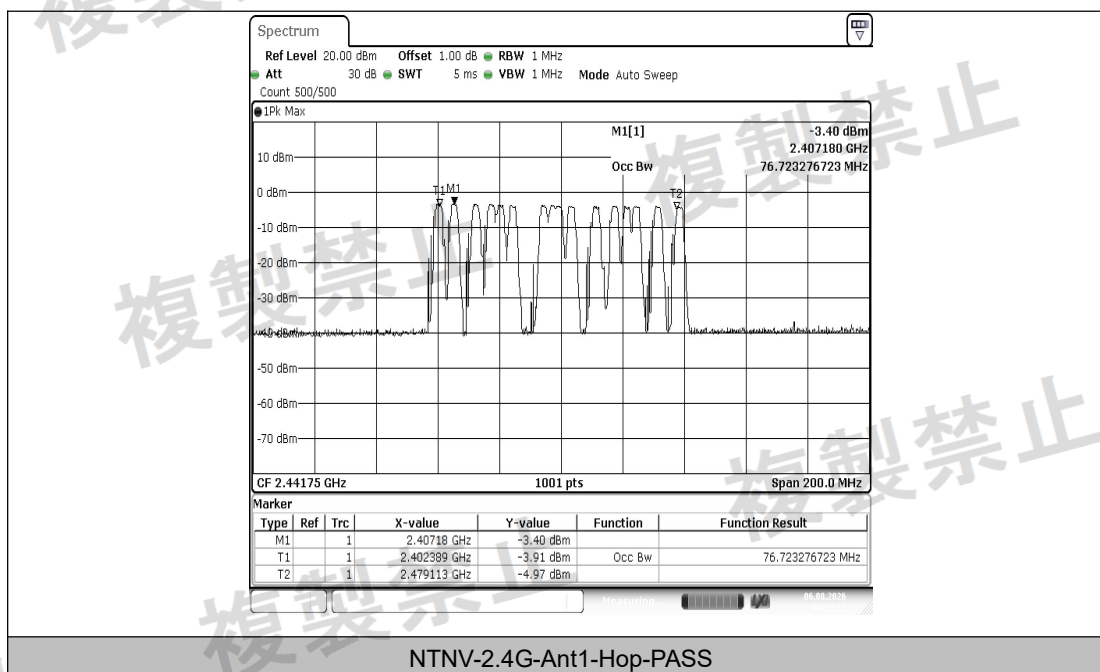


## Appendix D: Spread Bandwidth

## Test Result

| Test Condition | Test Mode | Antenna | Frequency[MHz] | Result [MHz] |
|----------------|-----------|---------|----------------|--------------|
| NTNV           | 2.4G      | Ant1    | Hop            | 76.723       |

## Test Graphs



## Appendix E: Spurious Emission of TX

## Test Result

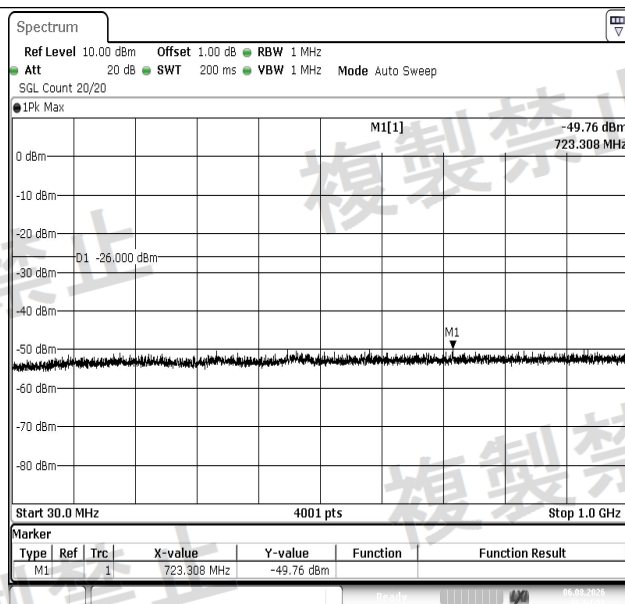
| Test Condition | Test Mode | Antenna | Frequency [MHz] | Freq.Range [MHz] | Freq. [MHz] | Result [dBm/MHz] | Limit [dBm/MHz] | Result [ $\mu$ W/MHz] | Limit [ $\mu$ W/MHz] | Verdict         |
|----------------|-----------|---------|-----------------|------------------|-------------|------------------|-----------------|-----------------------|----------------------|-----------------|
| NTNV           | 2.4G      | Ant1    | 2403            | 30~1000          | 723.31      | -49.76           | $\leq -26$      | 0.01057               | $\leq 2.5$           | PASS            |
| NTNV           | 2.4G      | Ant1    | 2403            | 1000~2387        | 2327.01     | -48.89           | $\leq -26$      | 0.01291               | $\leq 2.5$           | PASS            |
| NTNV           | 2.4G      | Ant1    | 2403            | 2387~2400        | 2400        | -8.88            | $\leq -16$      | 129.41958             | $\leq 25$            | See table below |
| NTNV           | 2.4G      | Ant1    | 2403            | 2483.5~2496.5    | 2485.49     | -38.11           | $\leq -16$      | 0.15453               | $\leq 25$            | PASS            |
| NTNV           | 2.4G      | Ant1    | 2403            | 2496.5~13000     | 6978.87     | -43.41           | $\leq -26$      | 0.04560               | $\leq 2.5$           | PASS            |
| NTNV           | 2.4G      | Ant1    | 2441            | 30~1000          | 981.57      | -49.98           | $\leq -26$      | 0.01005               | $\leq 2.5$           | PASS            |
| NTNV           | 2.4G      | Ant1    | 2441            | 1000~2387        | 2038.17     | -49.53           | $\leq -26$      | 0.01114               | $\leq 2.5$           | PASS            |
| NTNV           | 2.4G      | Ant1    | 2441            | 2387~2400        | 2396.39     | -38.68           | $\leq -16$      | 0.13552               | $\leq 25$            | PASS            |
| NTNV           | 2.4G      | Ant1    | 2441            | 2483.5~2496.5    | 2488.65     | -37.88           | $\leq -16$      | 0.16293               | $\leq 25$            | PASS            |
| NTNV           | 2.4G      | Ant1    | 2441            | 2496.5~13000     | 6120.73     | -44.37           | $\leq -26$      | 0.03656               | $\leq 2.5$           | PASS            |
| NTNV           | 2.4G      | Ant1    | 2480            | 30~1000          | 467.71      | -49.87           | $\leq -26$      | 0.01030               | $\leq 2.5$           | PASS            |
| NTNV           | 2.4G      | Ant1    | 2480            | 1000~2387        | 1866.53     | -48.83           | $\leq -26$      | 0.01309               | $\leq 2.5$           | PASS            |
| NTNV           | 2.4G      | Ant1    | 2480            | 2387~2400        | 2398.41     | -37.77           | $\leq -16$      | 0.16711               | $\leq 25$            | PASS            |
| NTNV           | 2.4G      | Ant1    | 2480            | 2483.5~2496.5    | 2494.89     | -38.17           | $\leq -16$      | 0.15241               | $\leq 25$            | PASS            |
| NTNV           | 2.4G      | Ant1    | 2480            | 2496.5~13000     | 5827.69     | -41.90           | $\leq -26$      | 0.06457               | $\leq 2.5$           | PASS            |

## Test Result\_Step2

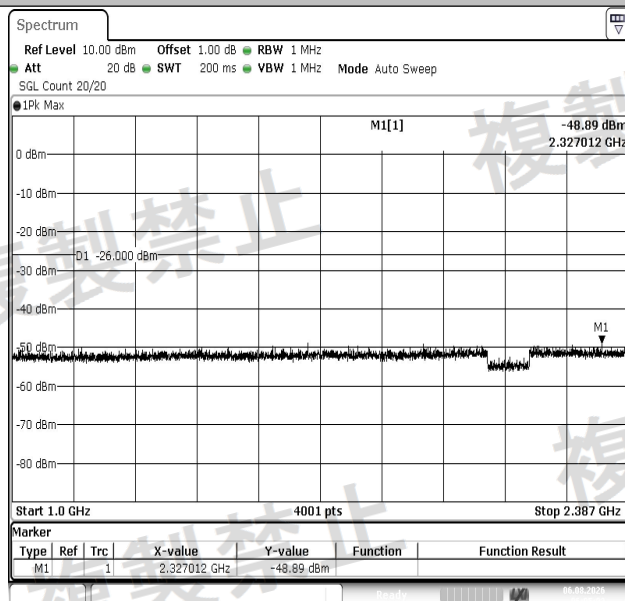
| Test Condition | Test Mode | Antenna | Frequency [MHz] | Freq. [MHz] | Result [dBm/MHz] | Limit [dBm/MHz] | Result [ $\mu$ W/MHz] | Limit [ $\mu$ W/MHz] | Verdict |
|----------------|-----------|---------|-----------------|-------------|------------------|-----------------|-----------------------|----------------------|---------|
| NTNV           | 2.4G      | Ant1    | 2403            | 2400.00     | -23.92           | $\leq -16$      | 4.05509               | $\leq 25$            | PASS    |



## Test Graphs

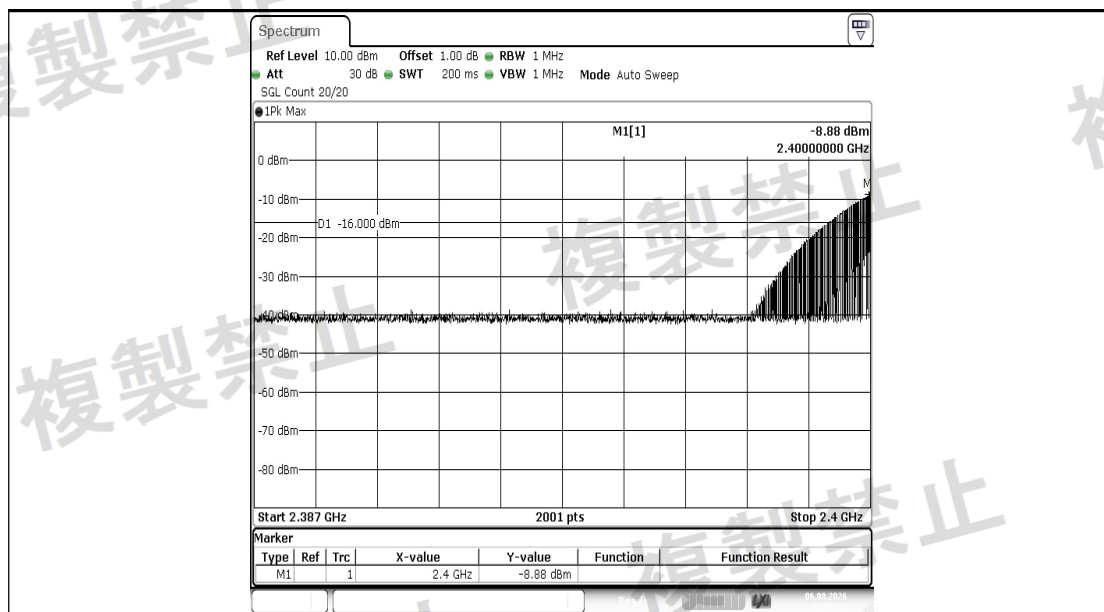


NTNV-2.4G-Ant1-2403-30~1000-PASS

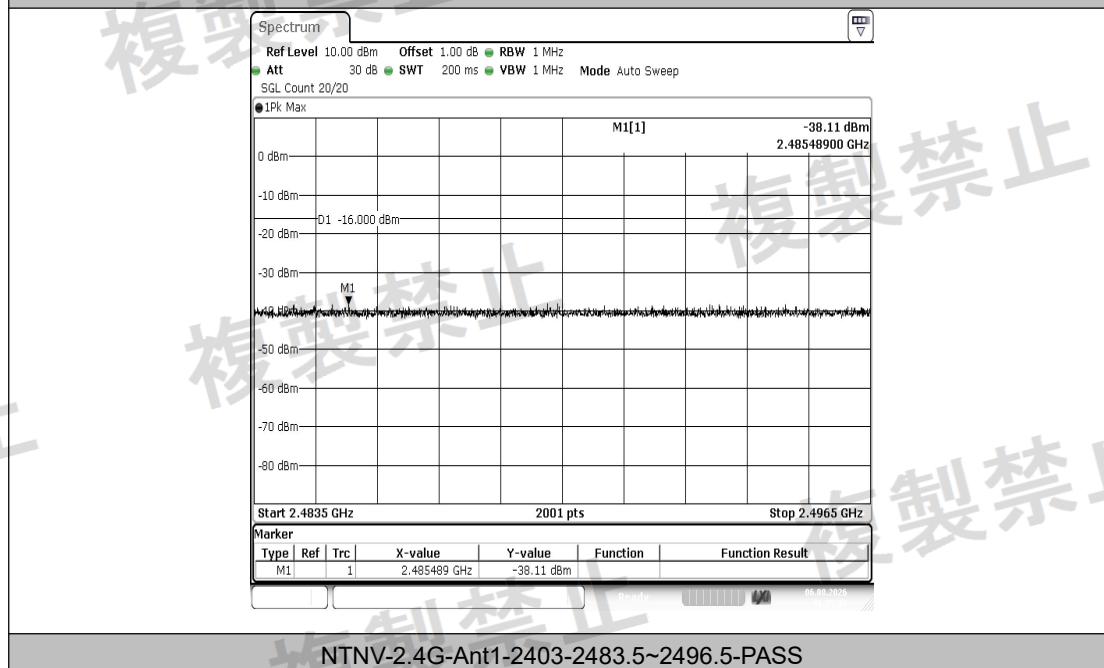


NTNV-2.4G-Ant1-2403-1000~2387-PASS



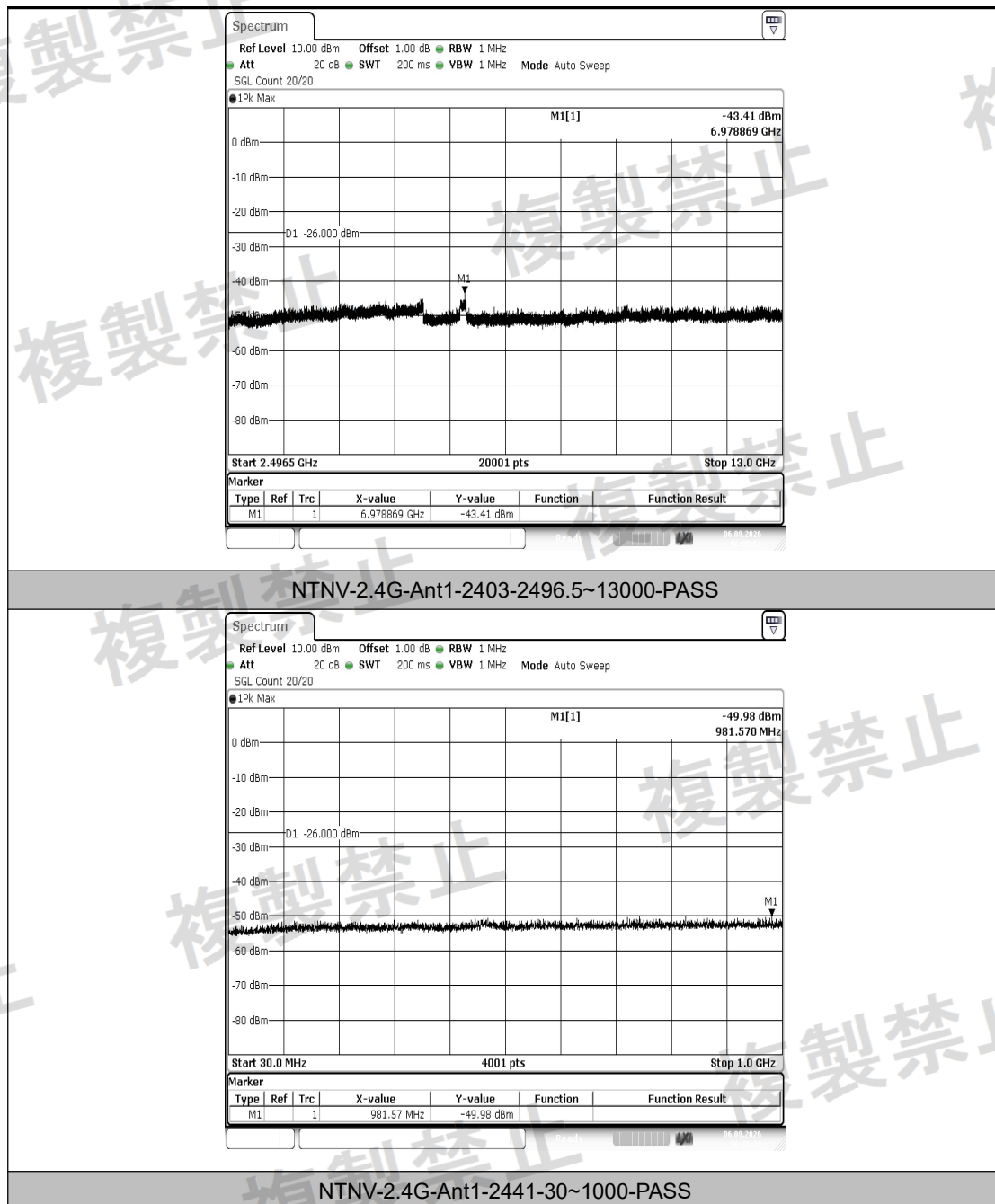


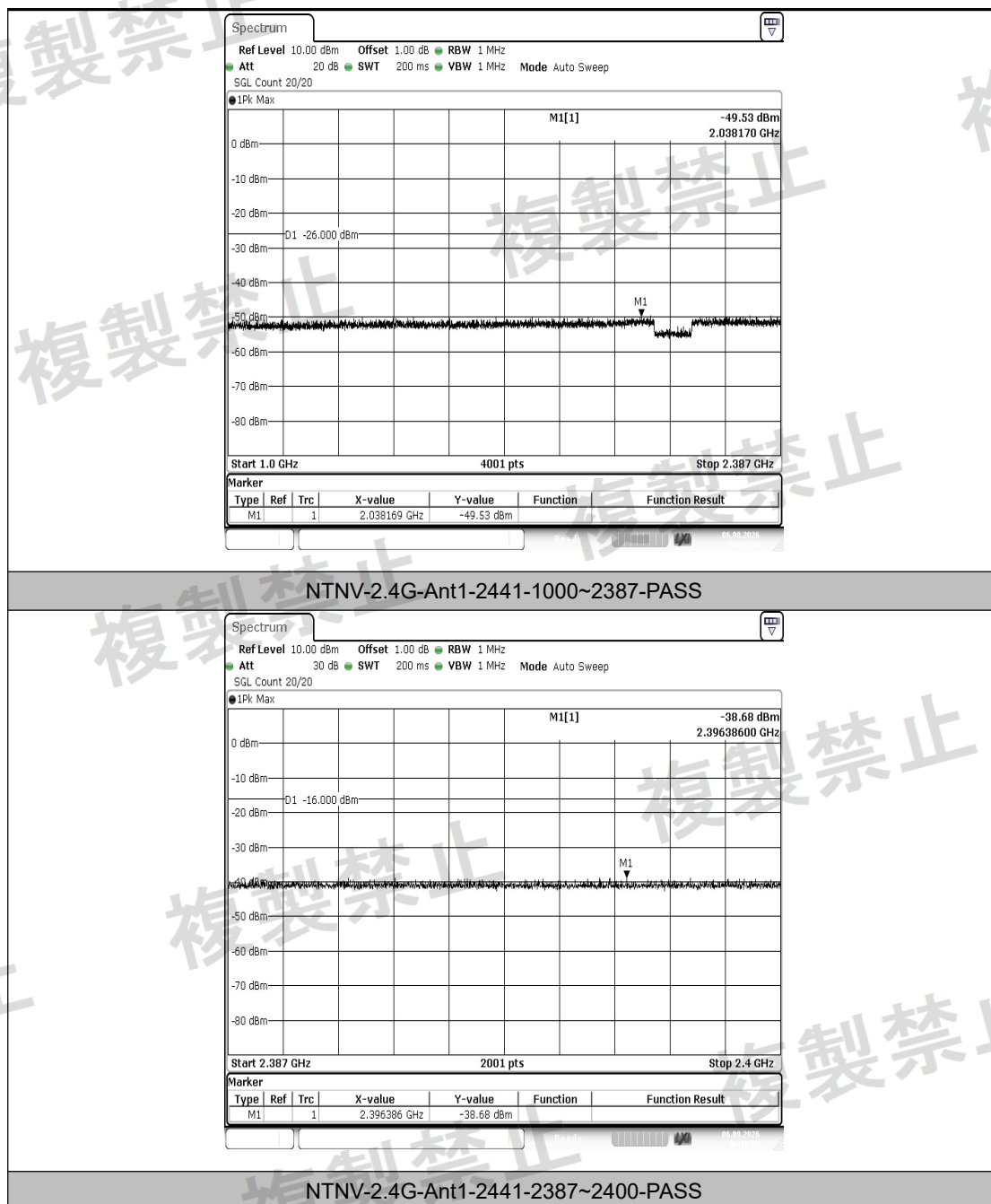
NTNV-2.4G-Ant1-2403-2387~2400-See table below

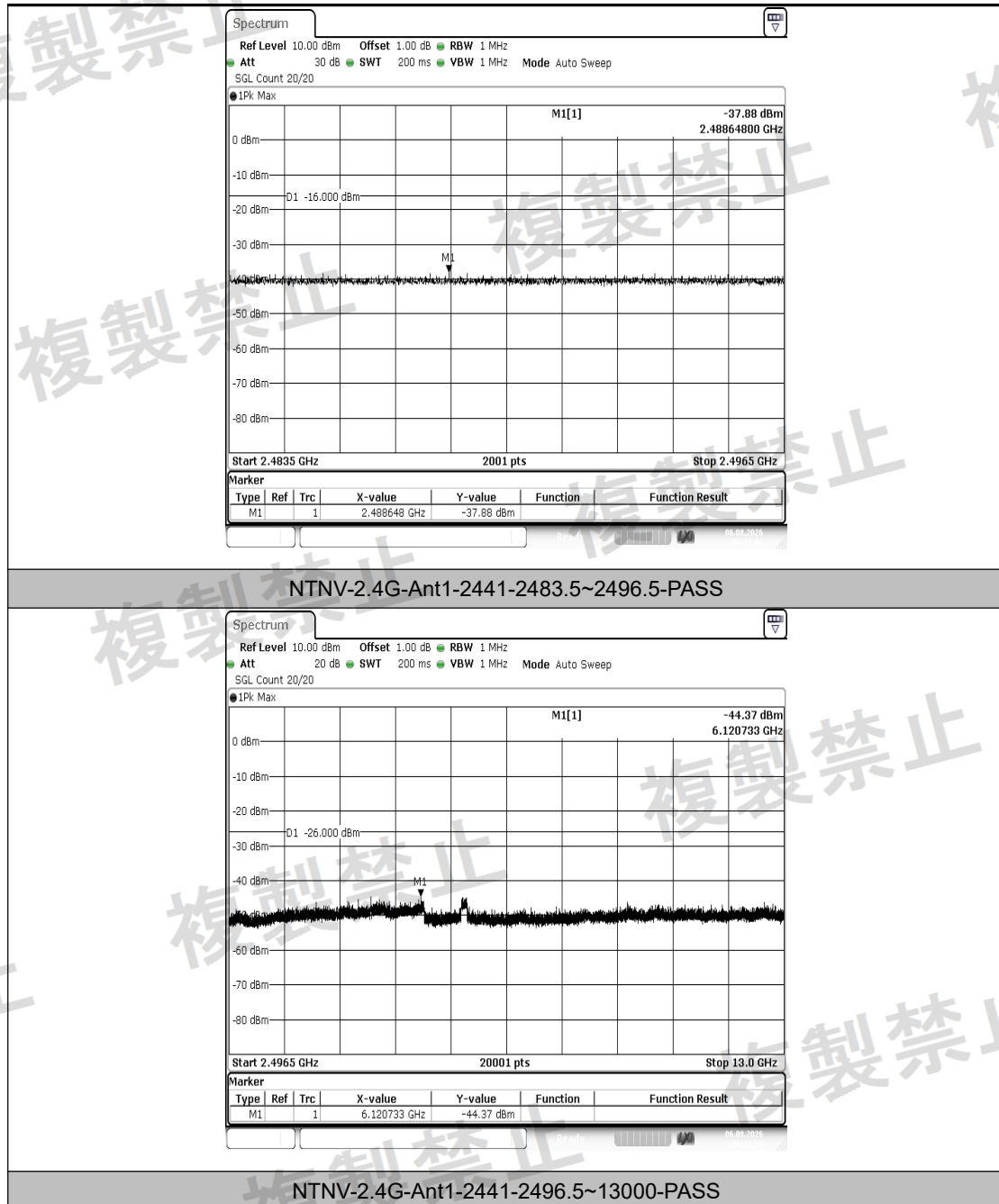


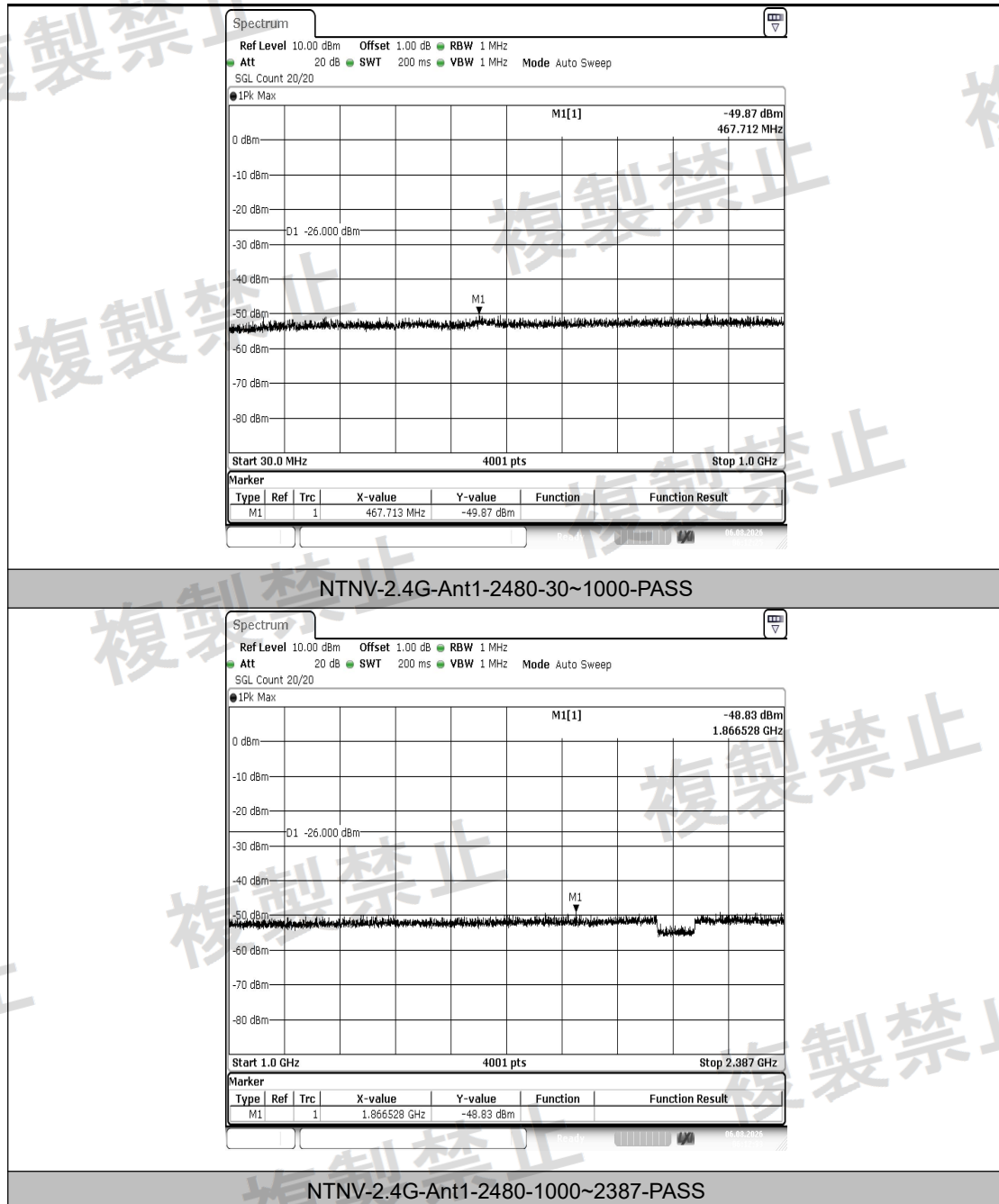
NTNV-2.4G-Ant1-2403-2483.5~2496.5-PASS

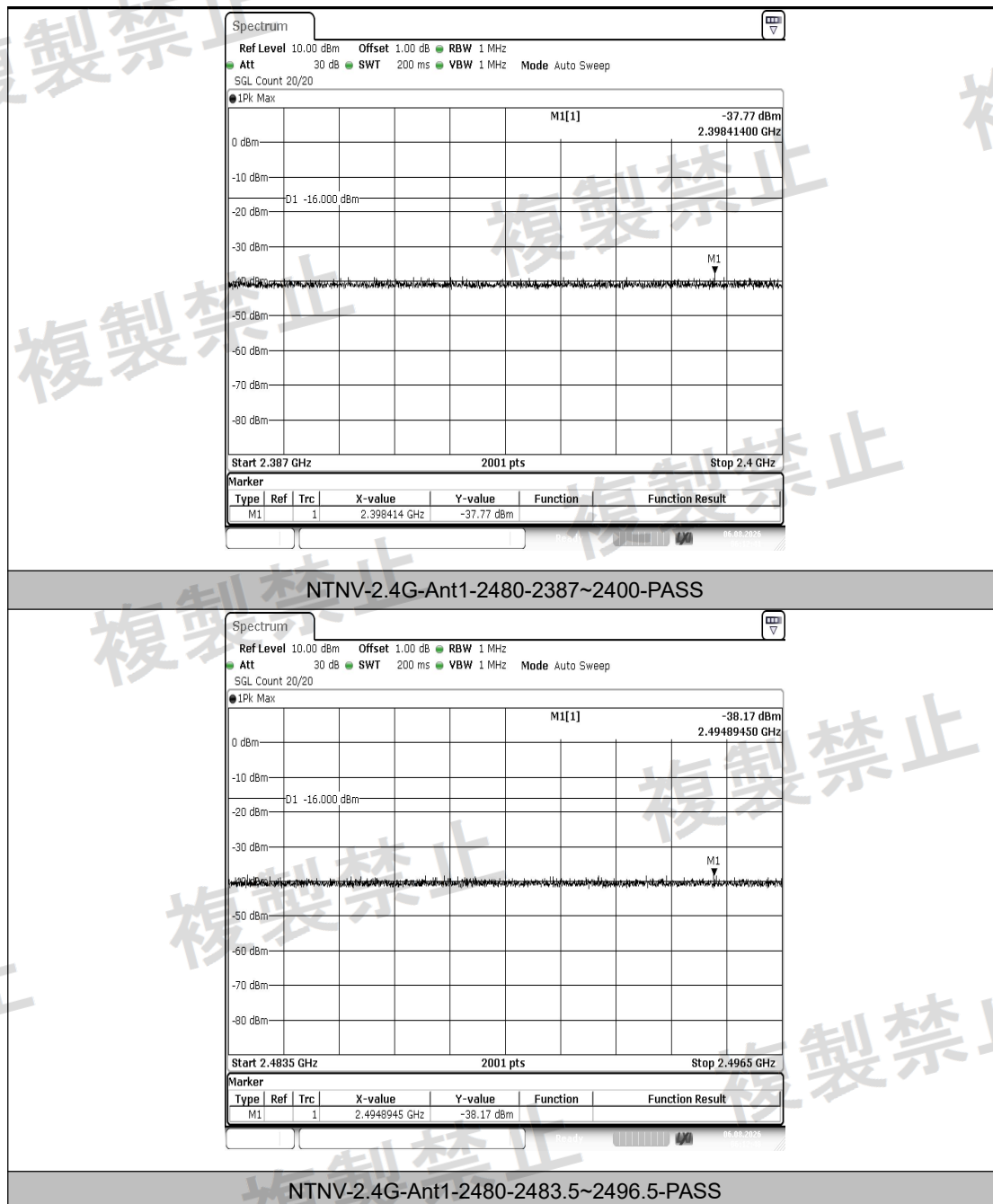


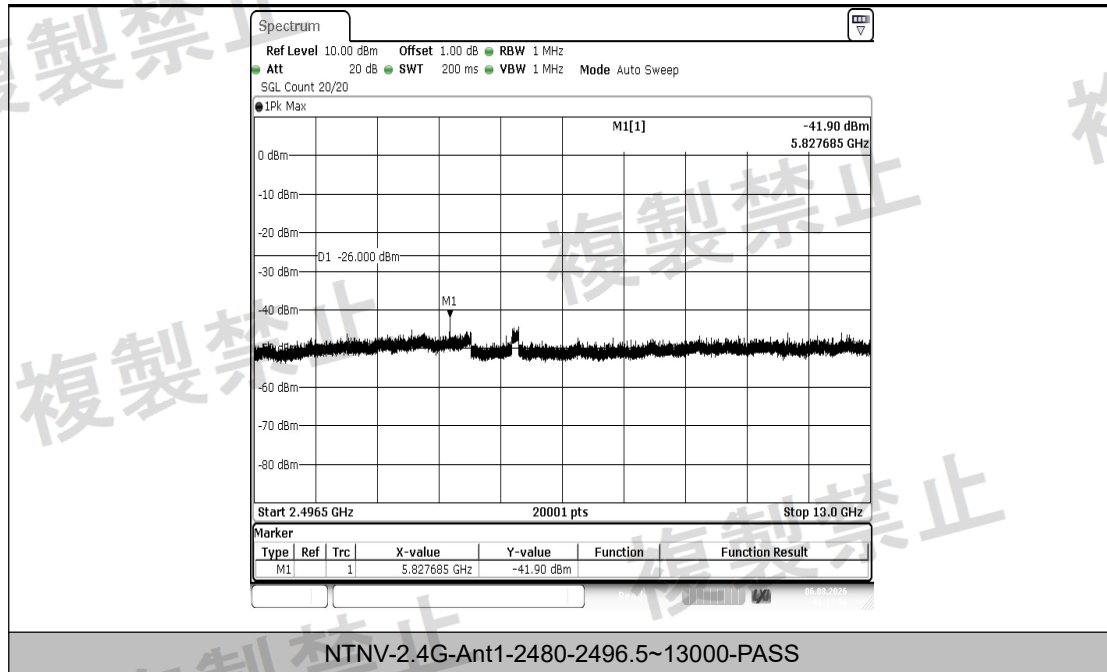




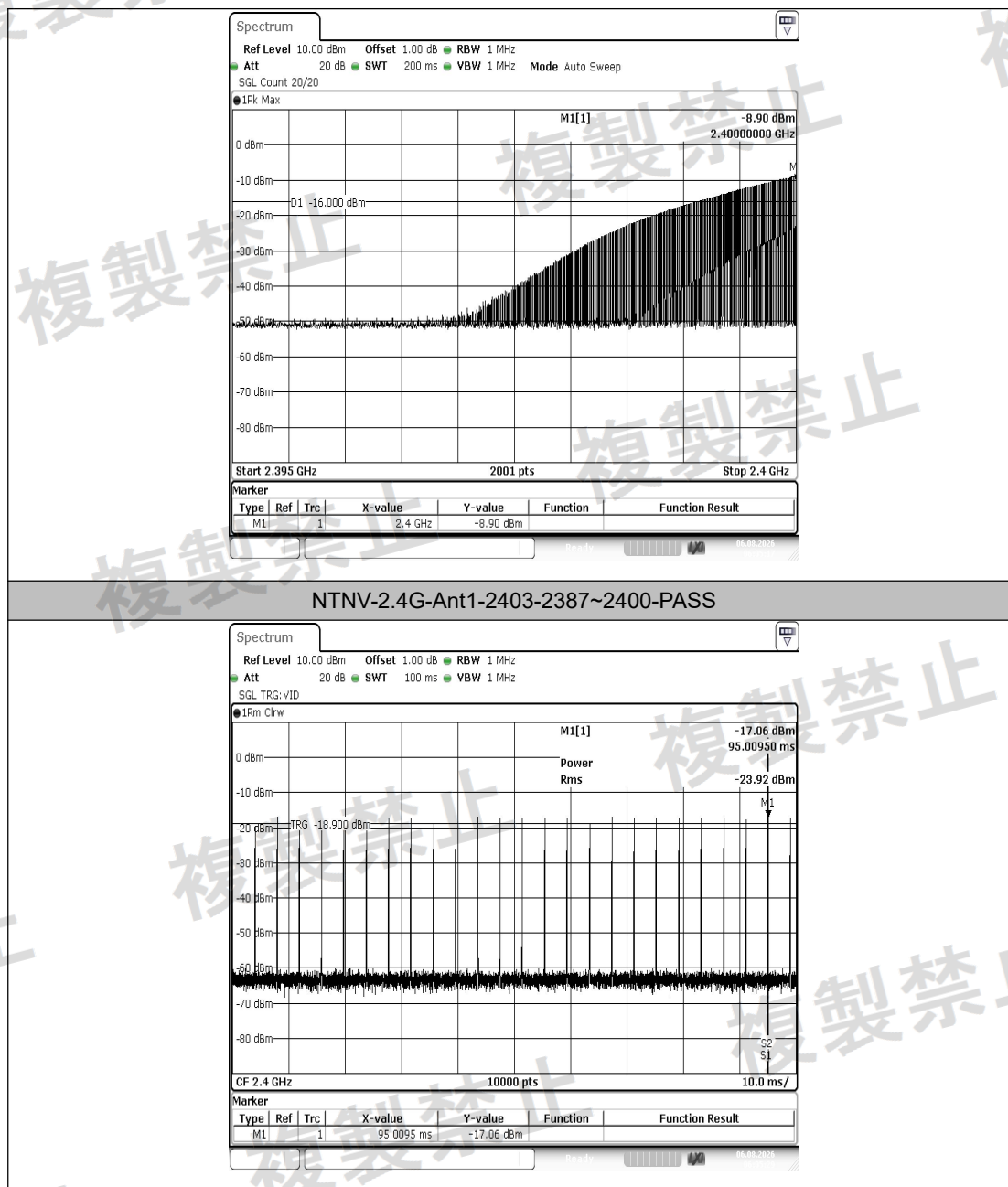








## Test Graphs\_Step2



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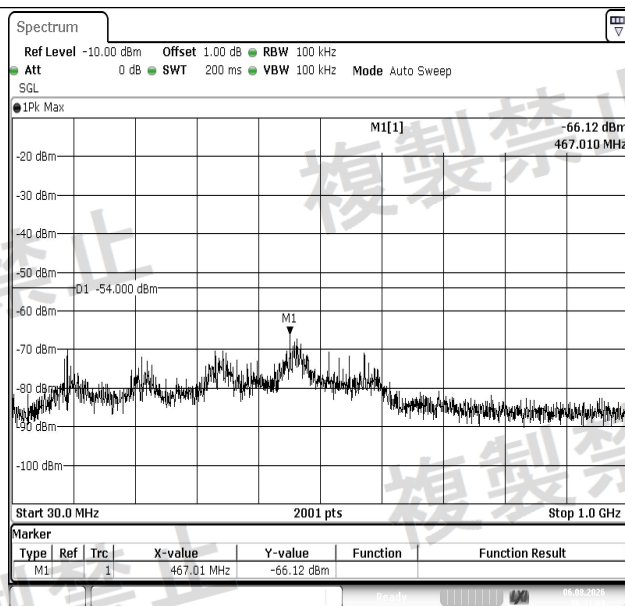


**Appendix F: Spurious Emission of RX****Test Result**

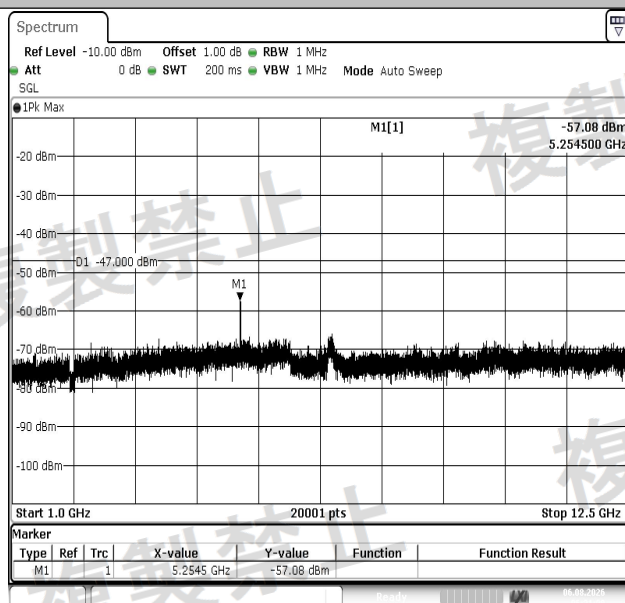
| Test Condition | Test Mode | Antenna | Frequency [MHz] | Freq. Range [MHz] | Freq. [MHz] | Result [dBm] | Limit [dBm] | Result [nW] | Limit [nW] | Verdict |
|----------------|-----------|---------|-----------------|-------------------|-------------|--------------|-------------|-------------|------------|---------|
| NTNV           | 2.4G      | Ant1    | 2403            | 30~1000           | 467.01      | -66.12       | ≤-54        | 0.24434     | ≤4         | PASS    |
| NTNV           | 2.4G      | Ant1    | 2403            | 1000~12500        | 5254.50     | -57.08       | ≤-47        | 1.95884     | ≤20        | PASS    |
| NTNV           | 2.4G      | Ant1    | 2441            | 30~1000           | 467.49      | -65.90       | ≤-54        | 0.25704     | ≤4         | PASS    |
| NTNV           | 2.4G      | Ant1    | 2441            | 1000~12500        | 5259.67     | -57.34       | ≤-47        | 1.84502     | ≤20        | PASS    |
| NTNV           | 2.4G      | Ant1    | 2480            | 30~1000           | 467.49      | -64.51       | ≤-54        | 0.35400     | ≤4         | PASS    |
| NTNV           | 2.4G      | Ant1    | 2480            | 1000~12500        | 5258.52     | -60.31       | ≤-47        | 0.93111     | ≤20        | PASS    |



## Test Graphs

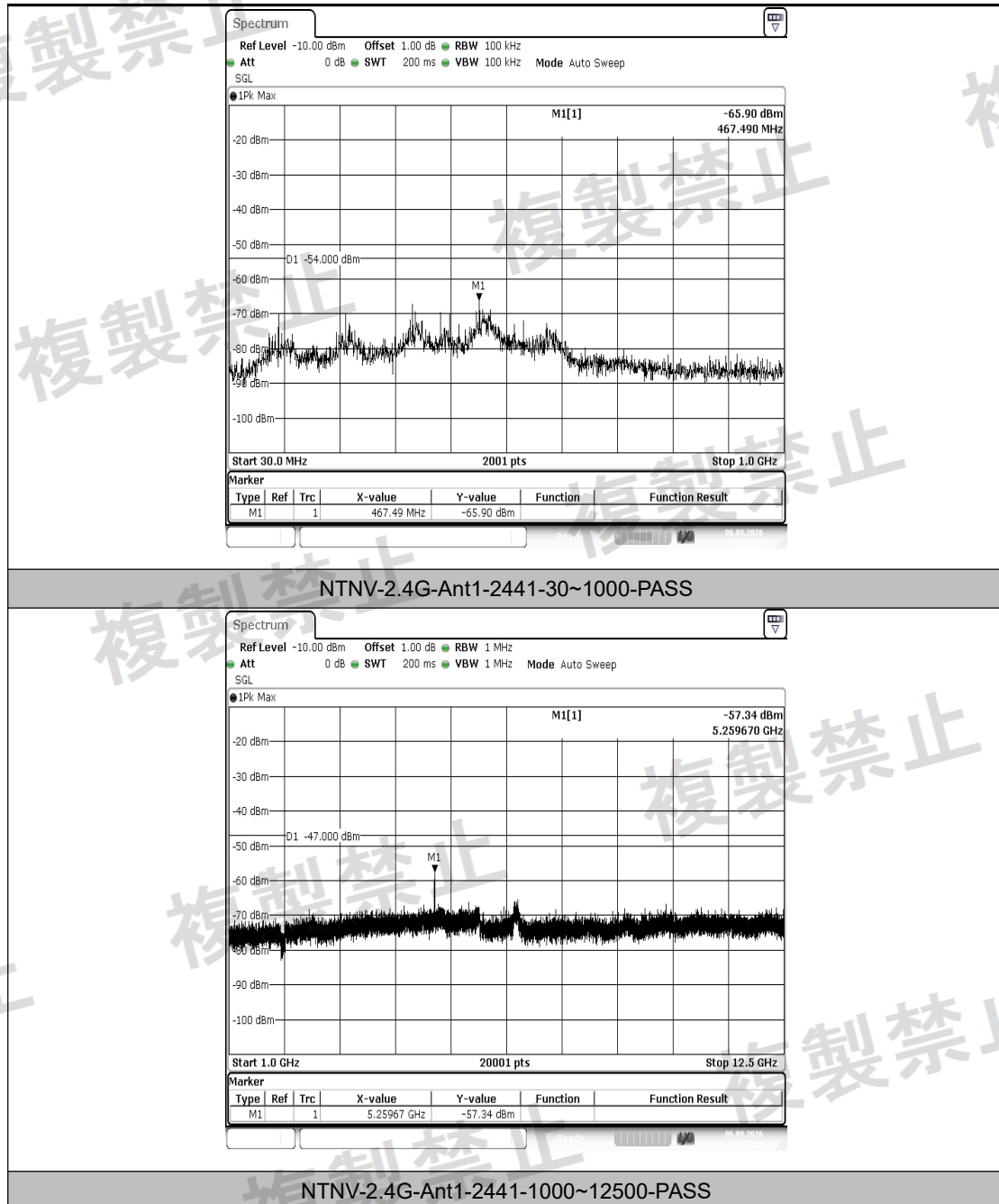


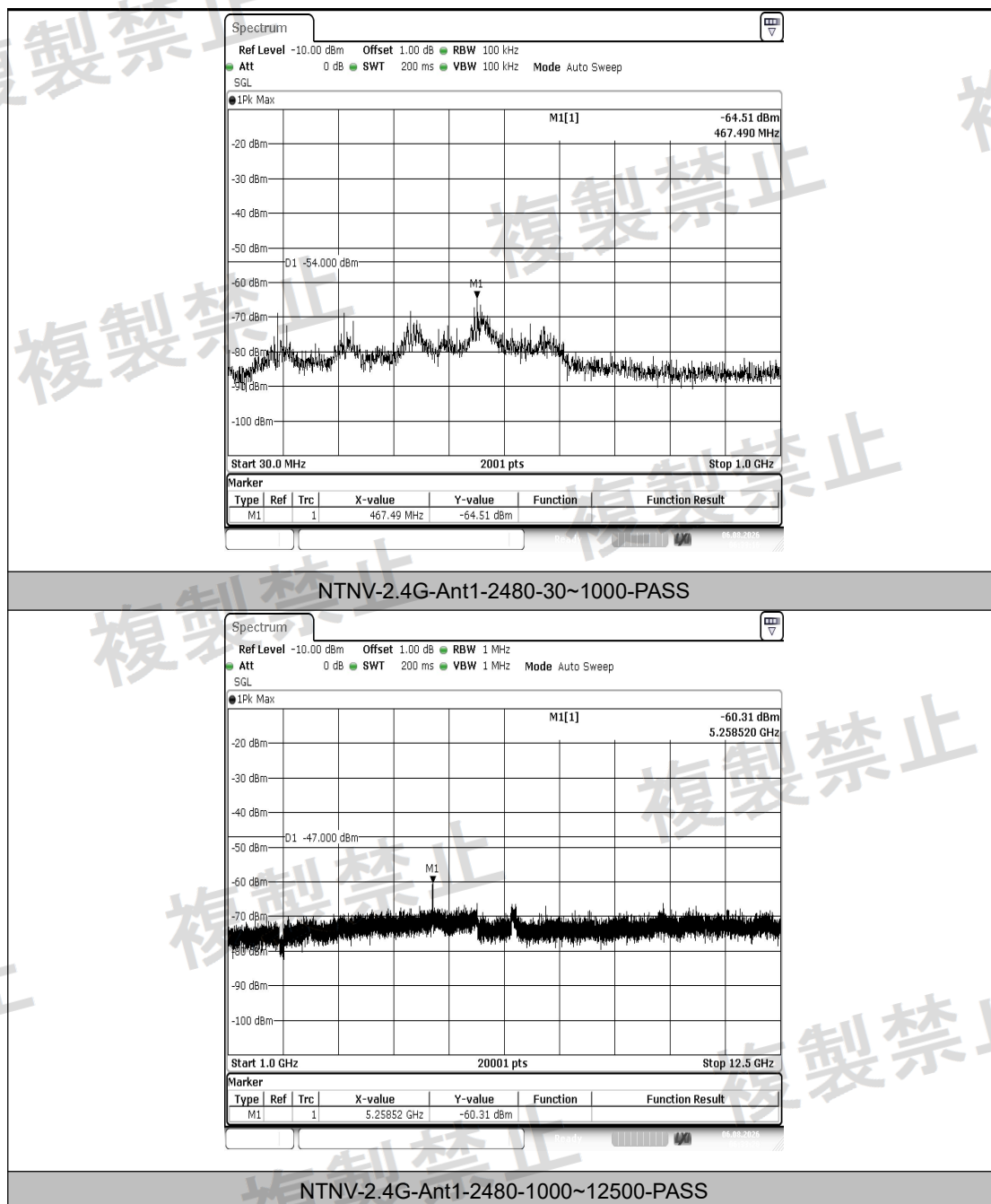
NTNV-2.4G-Ant1-2403-30~1000-PASS



NTNV-2.4G-Ant1-2403-1000~12500-PASS







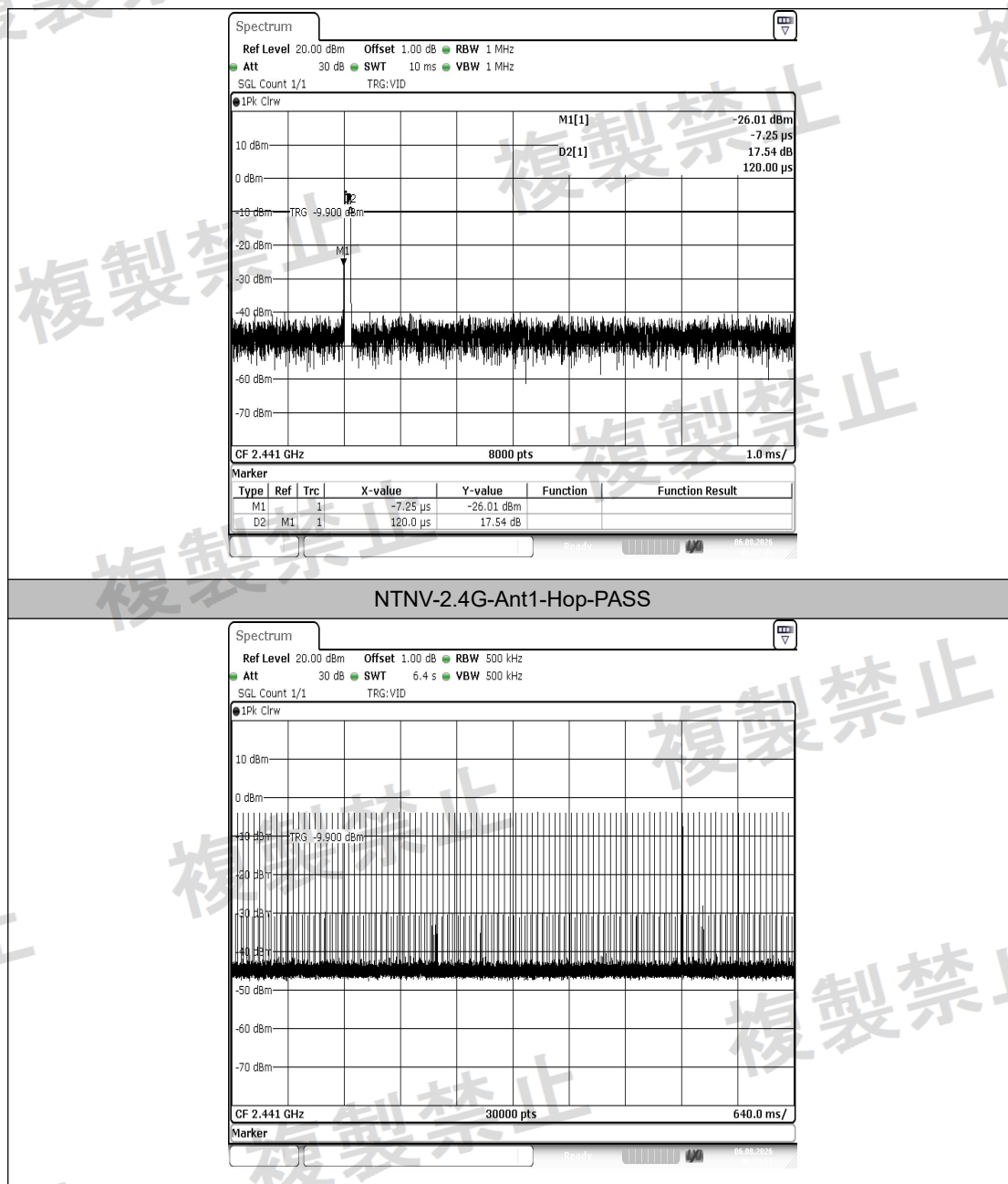
## Appendix G: Dwell Time

### Test Result

| Test Condition | Test Mode | Antenna | Frequency [MHz] | BurstWidth [ms] | TotalHops [Num] | Result[s] | Limit [s] | Verdict |
|----------------|-----------|---------|-----------------|-----------------|-----------------|-----------|-----------|---------|
| NTNV           | 2.4G      | Ant1    | Hop             | 0.12            | 101             | 0.012     | ≤0.4      | PASS    |



## Test Graphs



---END---

