



**Shenzhen CTA Testing Technology Co., Ltd.**

Room 106, Building 1, Yibaolai Industrial Park, Qiaotou Community,  
Fuhai Street, Bao'an District, Shenzhen, China

## **Appendix RF Test Data for BR-EDR**

**Company : SMARTCORE TECHNOLOGIES LIMITED**

**EUT : Intelligent glasses**

**Model Number : V06**

**Report No. : CTA26061200501**

**Reviewed By : Eric Wang**



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## Appendix A: Frequency\_Error

### Test Result

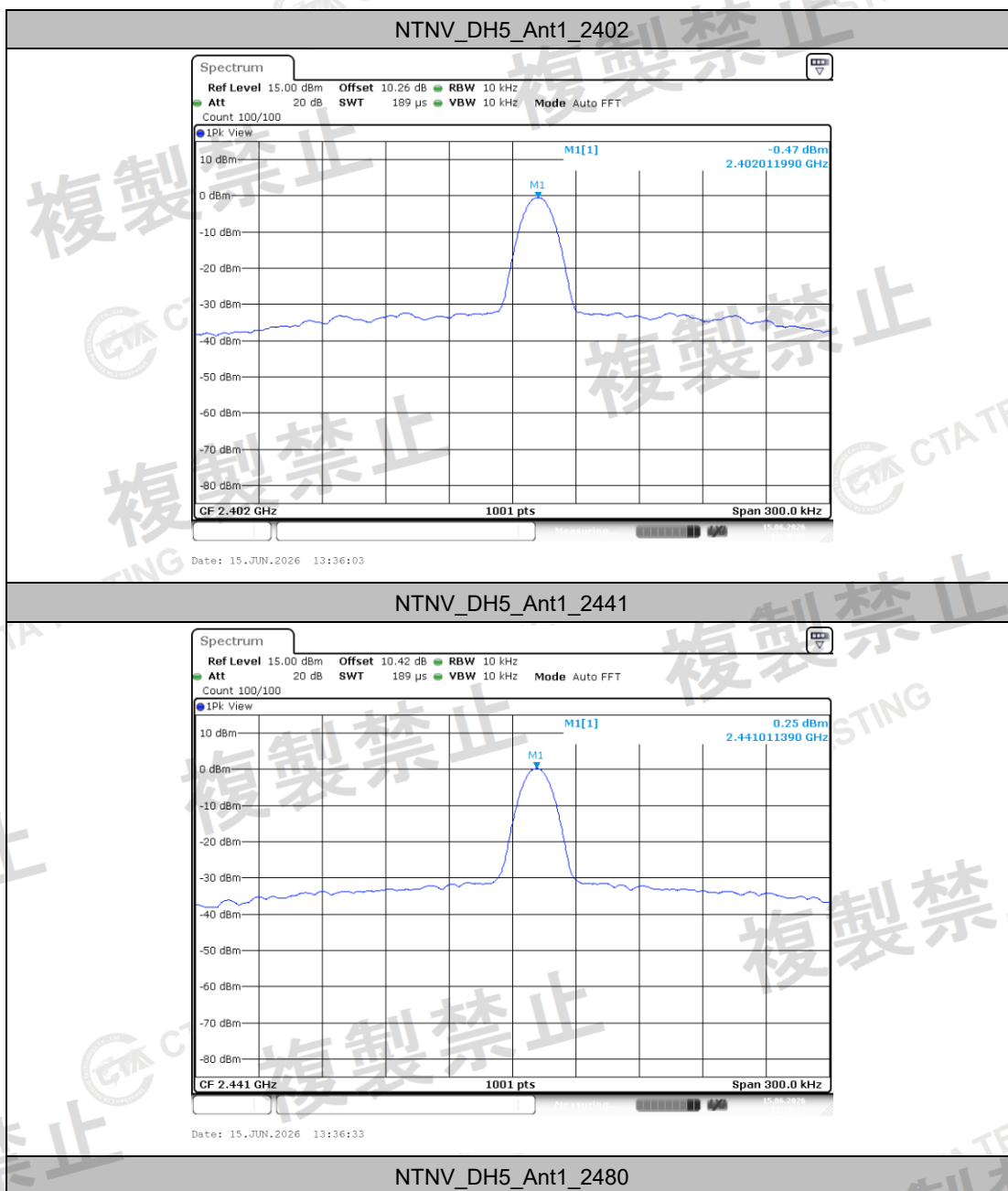
| Test Condition | Test Mode | Antenna | Freq(MHz) | Result[ppm] | Limit[ppm] | Verdict |
|----------------|-----------|---------|-----------|-------------|------------|---------|
| NTNV           | DH5       | Ant1    | 2402      | 4.99167     | ±50        | PASS    |
|                |           |         | 2441      | 4.66612     | ±50        | PASS    |
|                |           |         | 2480      | 4.47177     | ±50        | PASS    |
|                | 2DH5      | Ant1    | 2402      | 4.24230     | ±50        | PASS    |
|                |           |         | 2441      | 4.17452     | ±50        | PASS    |
|                |           |         | 2480      | 4.10887     | ±50        | PASS    |



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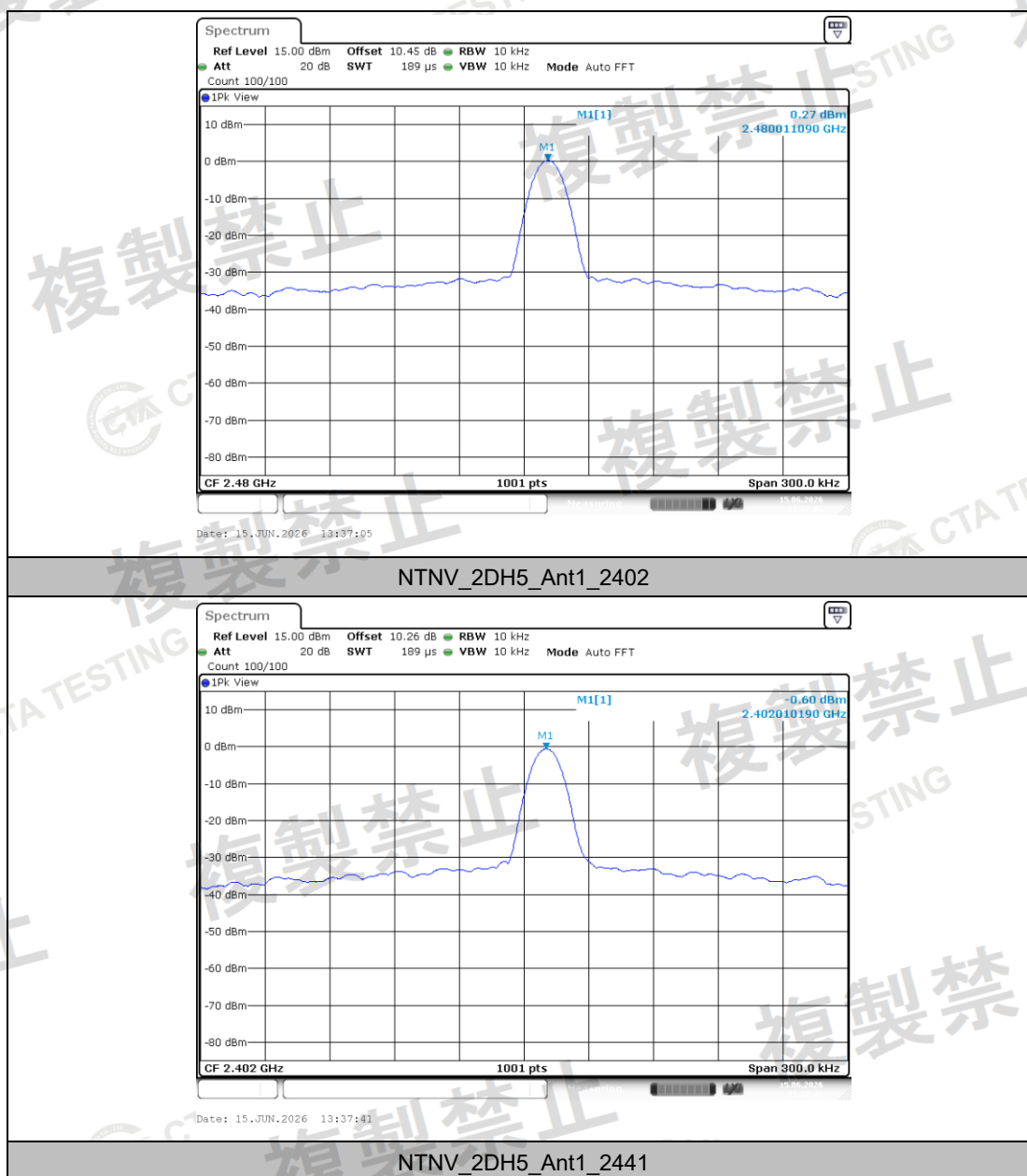
### Test Graphs





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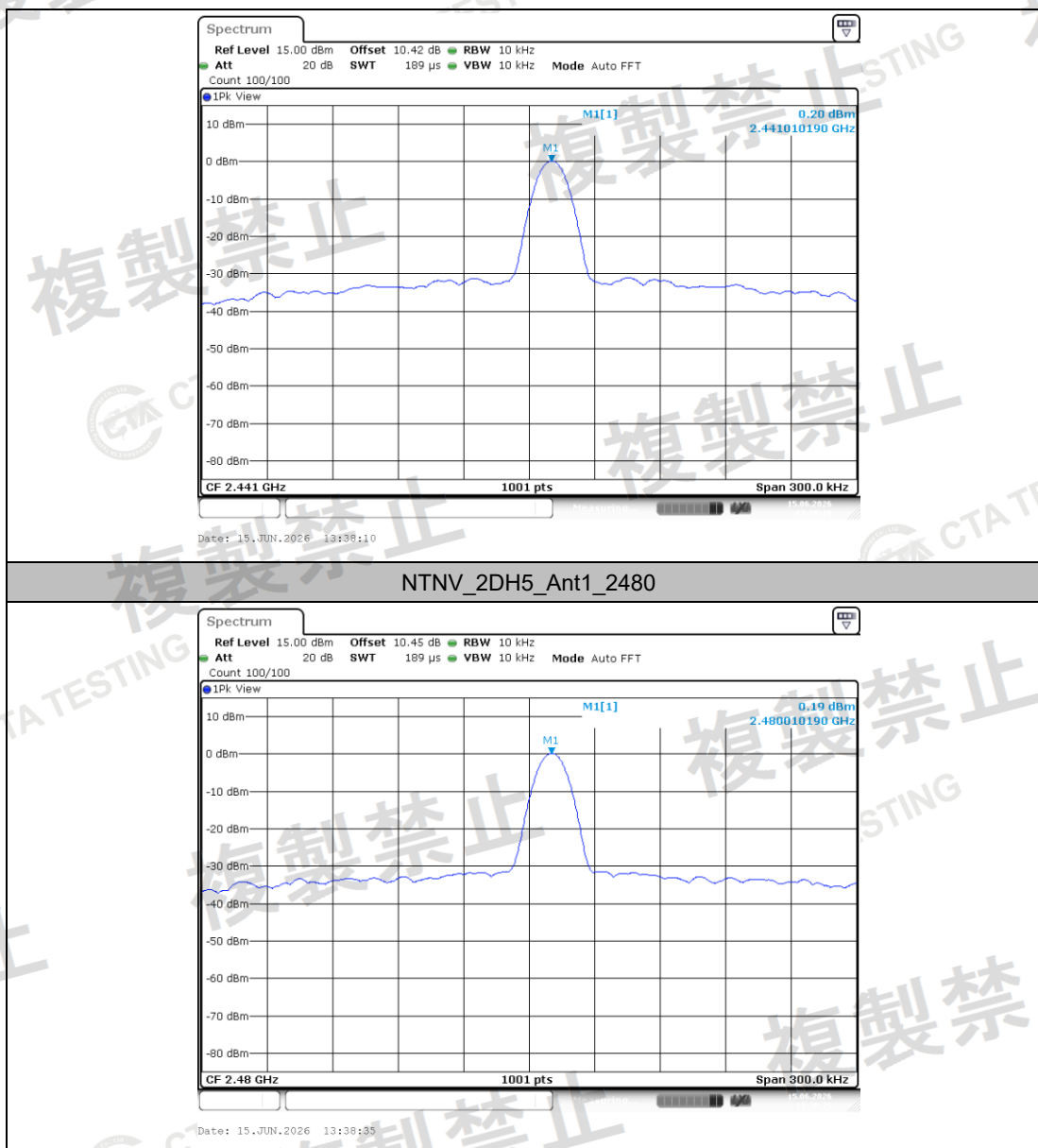
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## Appendix B: Occupied Bandwidth

### Test Result

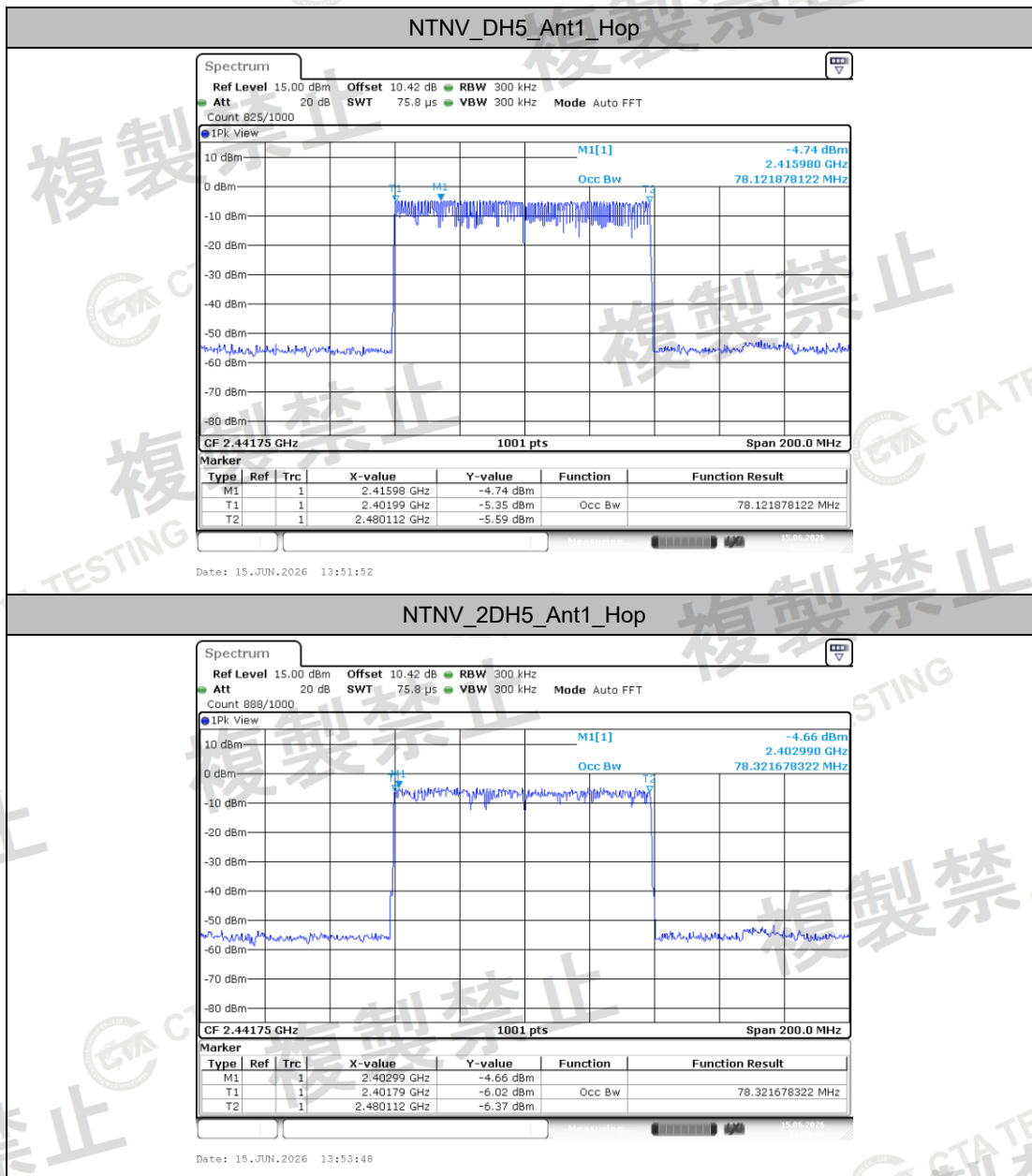
| Test Condition | Test Mode | Antenna | Freq(MHz) | Result [MHz] | Limit [MHz] | Verdict |
|----------------|-----------|---------|-----------|--------------|-------------|---------|
| NTNV           | DH5       | Ant1    | Hop       | 78.122       | ≤83.5       | PASS    |
|                | 2DH5      | Ant1    | Hop       | 78.322       | ≤83.5       | PASS    |



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### Test Graphs





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## Appendix C: Spread Bandwidth

### Test Result

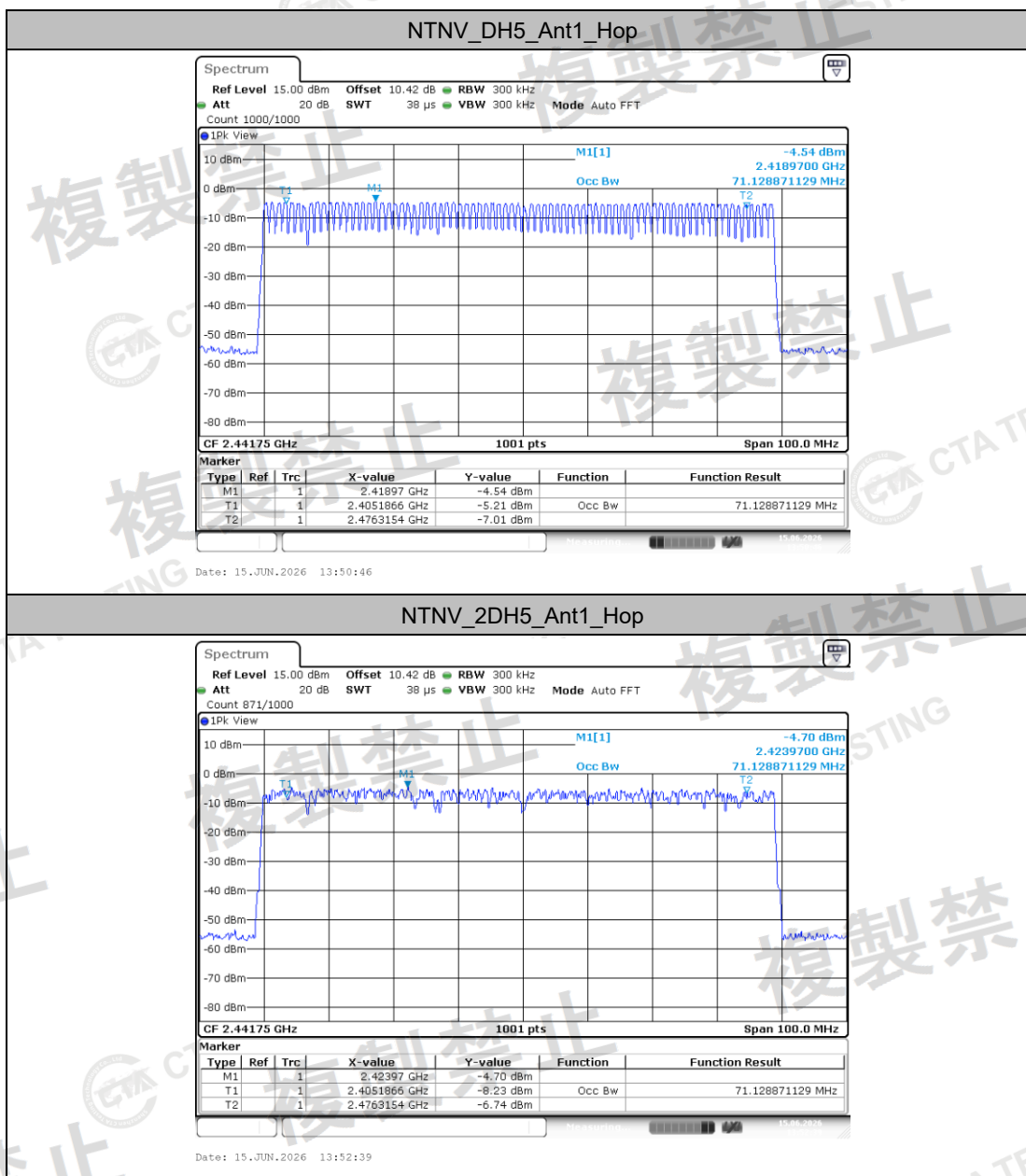
| Test Condition | Test Mode | Antenna | Freq(MHz) | Result [MHz] | Limit [MHz] | Spread Factor | Limit | Verdict |
|----------------|-----------|---------|-----------|--------------|-------------|---------------|-------|---------|
| NTNV           | DH5       | Ant1    | Hop       | 71.129       | $\geq 0.5$  | 71.129        | $> 5$ | PASS    |
|                | 2DH5      | Ant1    | Hop       | 71.129       | $\geq 0.5$  | 71.129        | $> 5$ | PASS    |



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### Test Graphs





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### Appendix D: Spurious Emission of TX

#### Test Result

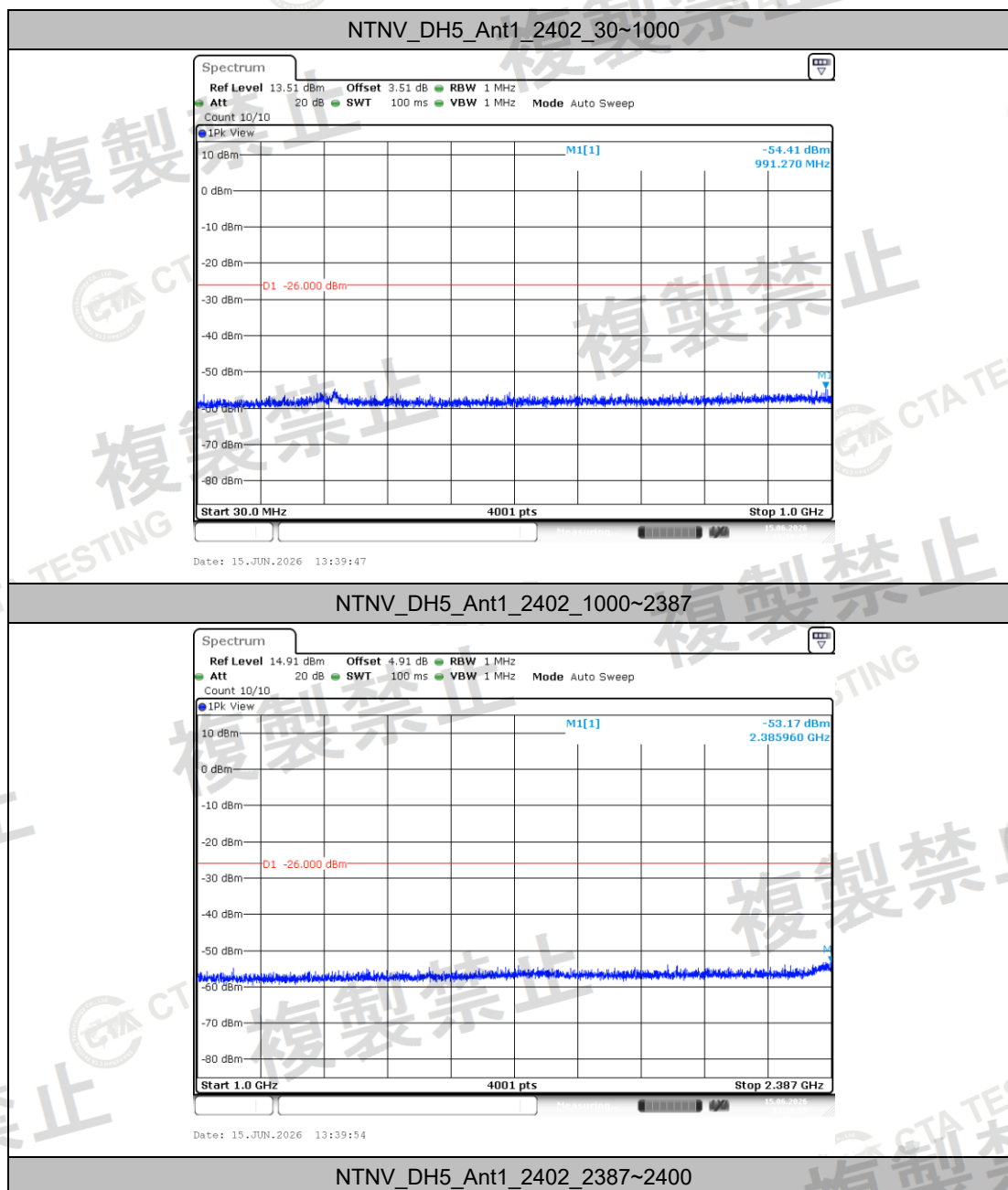
| Test Condition | Test Mode | Antenna | Freq(M Hz) | Freq.Range [MHz] | Freq. [MHz] | Result [dBm] | Limit [dBm] | Result [μW] | Limit [μW] | Verdict |
|----------------|-----------|---------|------------|------------------|-------------|--------------|-------------|-------------|------------|---------|
| NTNV           | DH5       | Ant1    | 2402       | 30~1000          | 991.27      | -54.41       | ≤-26        | 0.00362     | ≤2.5       | PASS    |
|                |           |         |            | 1000~2387        | 2385.96     | -53.17       | ≤-26        | 0.00482     | ≤2.5       | PASS    |
|                |           |         |            | 2387~2400        | 2400.00     | -36.45       | ≤-16        | 0.22646     | ≤25        | PASS    |
|                |           |         |            | 2483.5~2496.5    | 2484.38     | -44.10       | ≤-16        | 0.03890     | ≤25        | PASS    |
|                |           |         |            | 2496.5~13000     | 4804.12     | -41.39       | ≤-26        | 0.07261     | ≤2.5       | PASS    |
|                |           |         | 2441       | 30~1000          | 994.42      | -54.64       | ≤-26        | 0.00344     | ≤2.5       | PASS    |
|                |           |         |            | 1000~2387        | 2263.90     | -53.56       | ≤-26        | 0.00441     | ≤2.5       | PASS    |
|                |           |         |            | 2387~2400        | 2396.98     | -43.89       | ≤-16        | 0.04083     | ≤25        | PASS    |
|                |           |         |            | 2483.5~2496.5    | 2494.00     | -43.27       | ≤-16        | 0.04710     | ≤25        | PASS    |
|                |           |         |            | 2496.5~13000     | 4881.32     | -41.54       | ≤-26        | 0.07015     | ≤2.5       | PASS    |
|                |           |         | 2480       | 30~1000          | 910.52      | -54.92       | ≤-26        | 0.00322     | ≤2.5       | PASS    |
|                |           |         |            | 1000~2387        | 2271.53     | -53.83       | ≤-26        | 0.00414     | ≤2.5       | PASS    |
|                |           |         |            | 2387~2400        | 2387.87     | -44.07       | ≤-16        | 0.03917     | ≤25        | PASS    |
|                |           |         |            | 2483.5~2496.5    | 2484.52     | -42.47       | ≤-16        | 0.05662     | ≤25        | PASS    |
|                |           |         |            | 2496.5~13000     | 4959.57     | -39.98       | ≤-26        | 0.10046     | ≤2.5       | PASS    |
|                | 2DH5      | Ant1    | 2402       | 30~1000          | 887.48      | -54.79       | ≤-26        | 0.00332     | ≤2.5       | PASS    |
|                |           |         |            | 1000~2387        | 2377.29     | -52.40       | ≤-26        | 0.00575     | ≤2.5       | PASS    |
|                |           |         |            | 2387~2400        | 2399.99     | -30.69       | ≤-16        | 0.85310     | ≤25        | PASS    |
|                |           |         |            | 2483.5~2496.5    | 2484.33     | -43.62       | ≤-16        | 0.04345     | ≤25        | PASS    |
|                |           |         |            | 2496.5~13000     | 4803.07     | -41.77       | ≤-26        | 0.06653     | ≤2.5       | PASS    |
|                |           |         | 2441       | 30~1000          | 771.81      | -53.92       | ≤-26        | 0.00406     | ≤2.5       | PASS    |
|                |           |         |            | 1000~2387        | 2383.88     | -53.95       | ≤-26        | 0.00403     | ≤2.5       | PASS    |
|                |           |         |            | 2387~2400        | 2388.02     | -43.34       | ≤-16        | 0.04634     | ≤25        | PASS    |
|                |           |         |            | 2483.5~2496.5    | 2487.74     | -43.46       | ≤-16        | 0.04508     | ≤25        | PASS    |
|                |           |         |            | 2496.5~13000     | 4881.32     | -40.84       | ≤-26        | 0.08241     | ≤2.5       | PASS    |
|                |           |         | 2480       | 30~1000          | 239.76      | -55.10       | ≤-26        | 0.00309     | ≤2.5       | PASS    |
|                |           |         |            | 1000~2387        | 1279.48     | -53.56       | ≤-26        | 0.00441     | ≤2.5       | PASS    |
|                |           |         |            | 2387~2400        | 2391.69     | -43.73       | ≤-16        | 0.04236     | ≤25        | PASS    |
|                |           |         |            | 2483.5~2496.5    | 2484.63     | -41.68       | ≤-16        | 0.06792     | ≤25        | PASS    |
|                |           |         |            | 2496.5~13000     | 4959.57     | -39.77       | ≤-26        | 0.10544     | ≤2.5       | PASS    |



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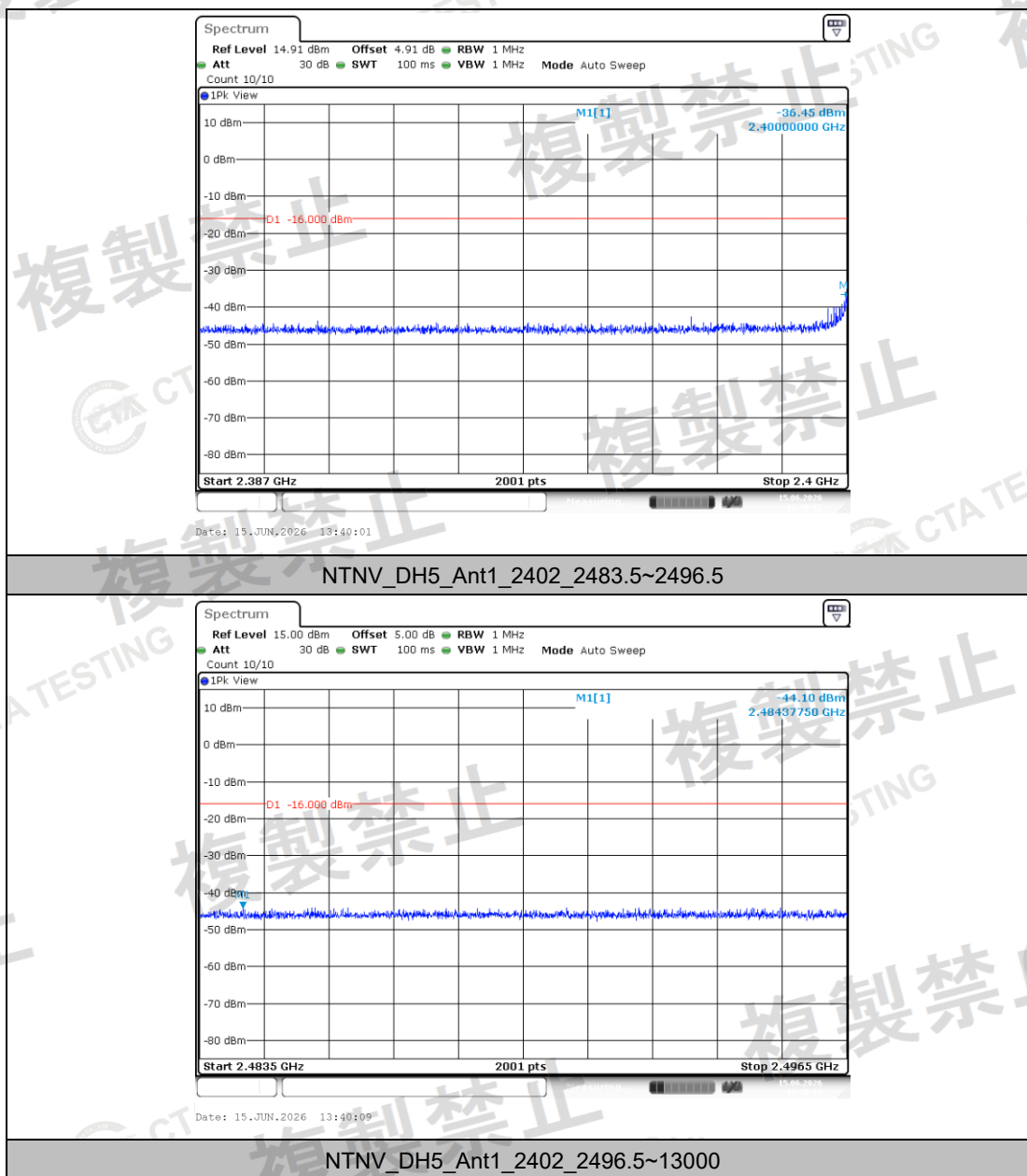
### Test Graphs





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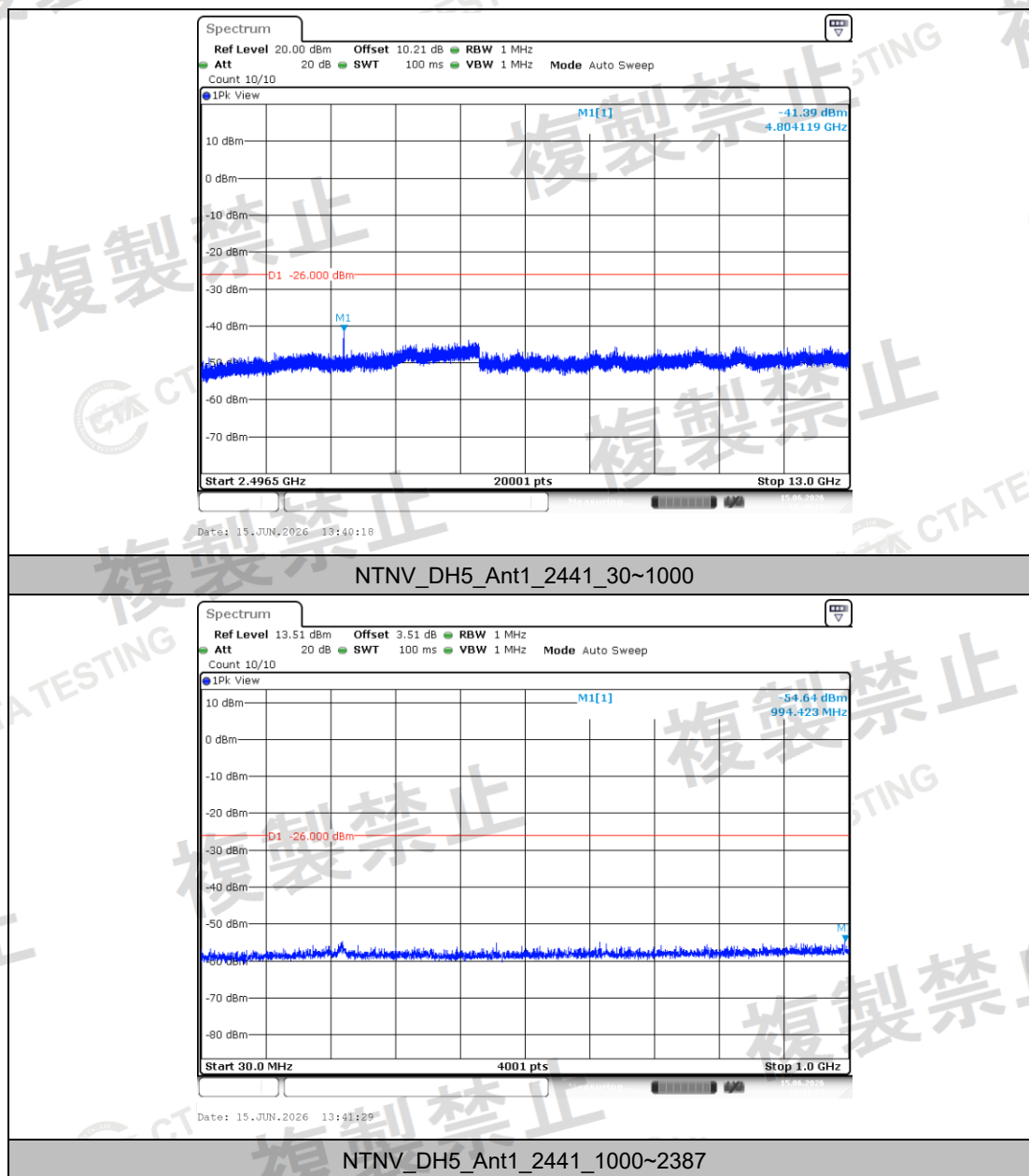
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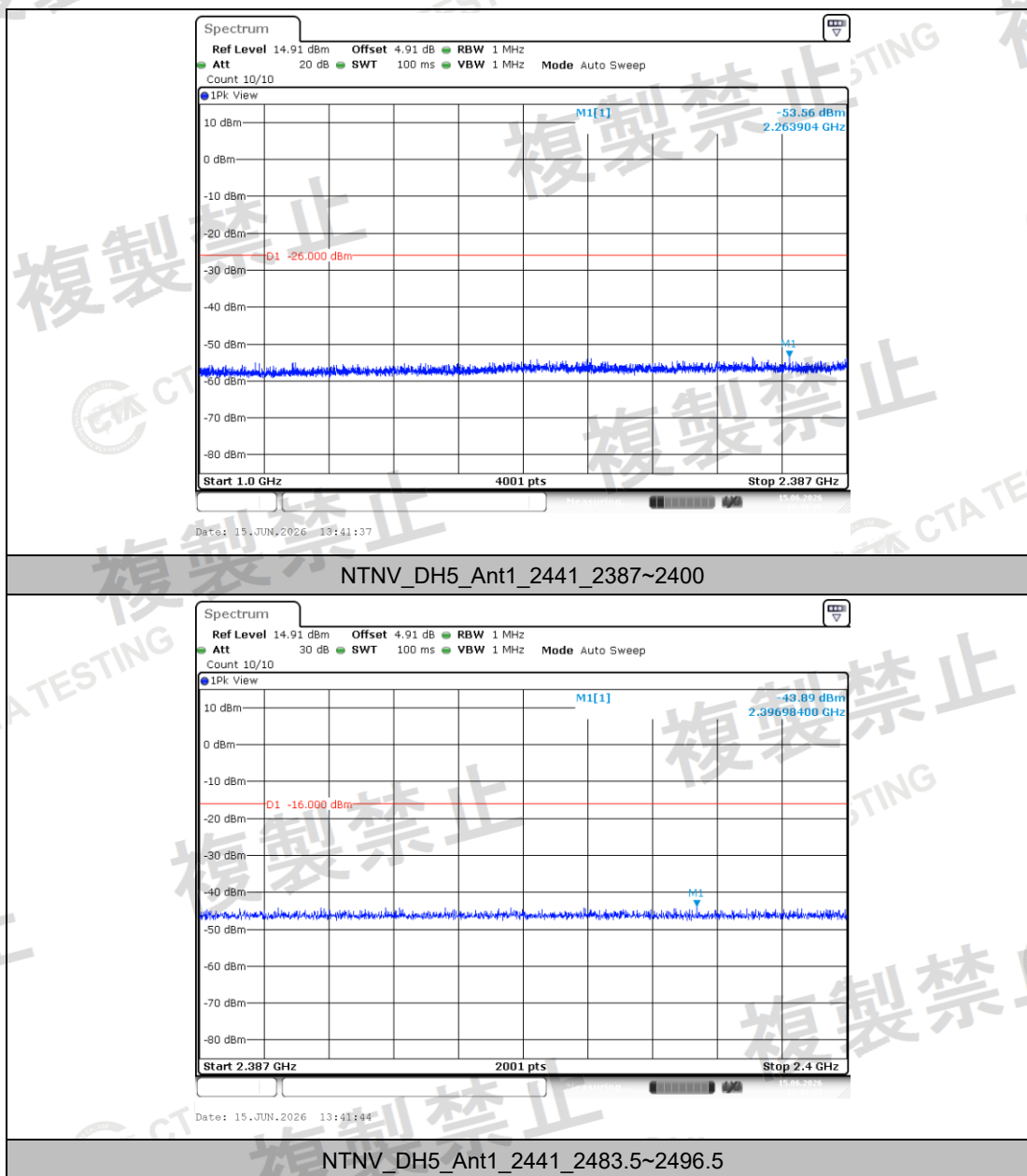
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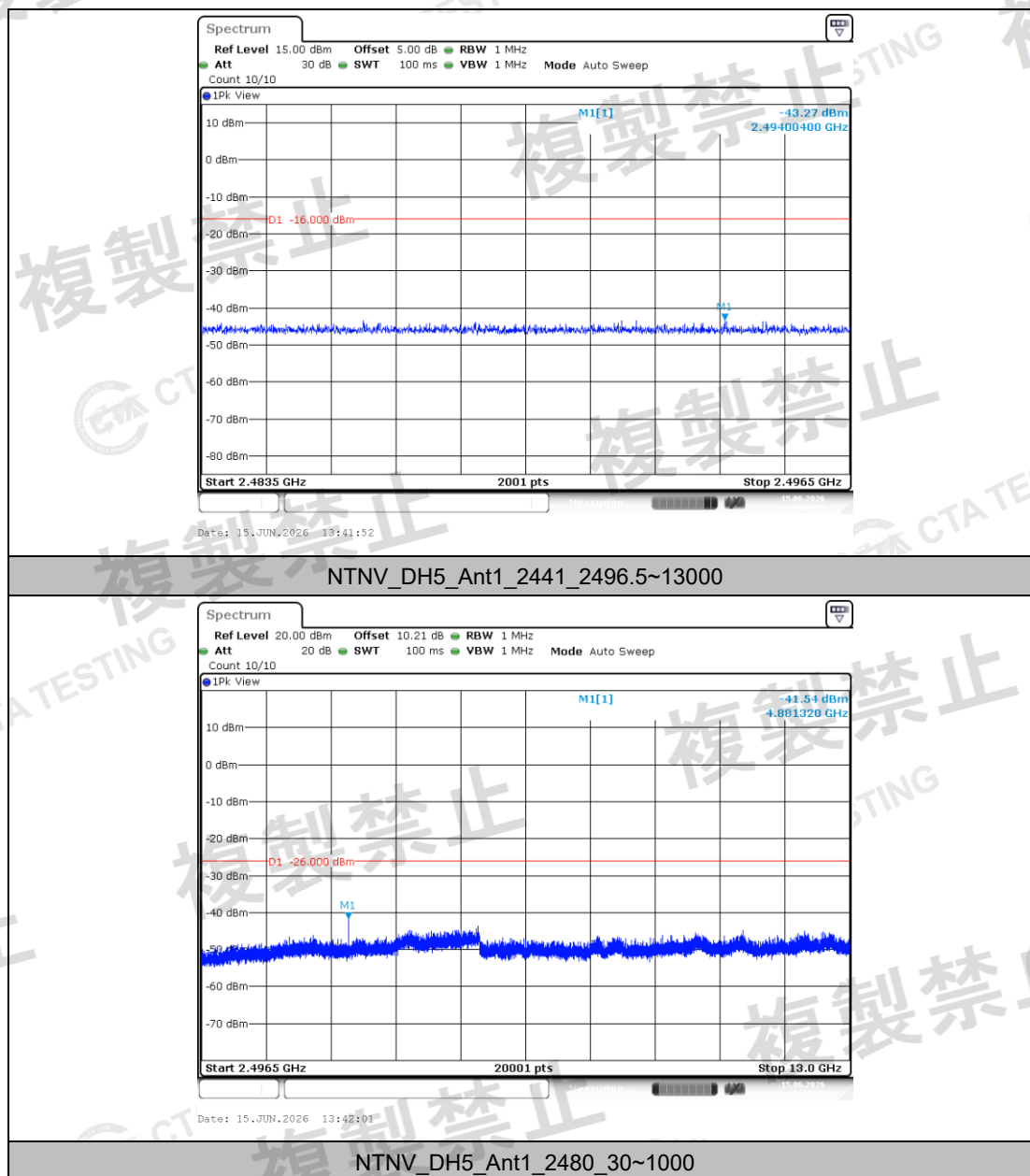
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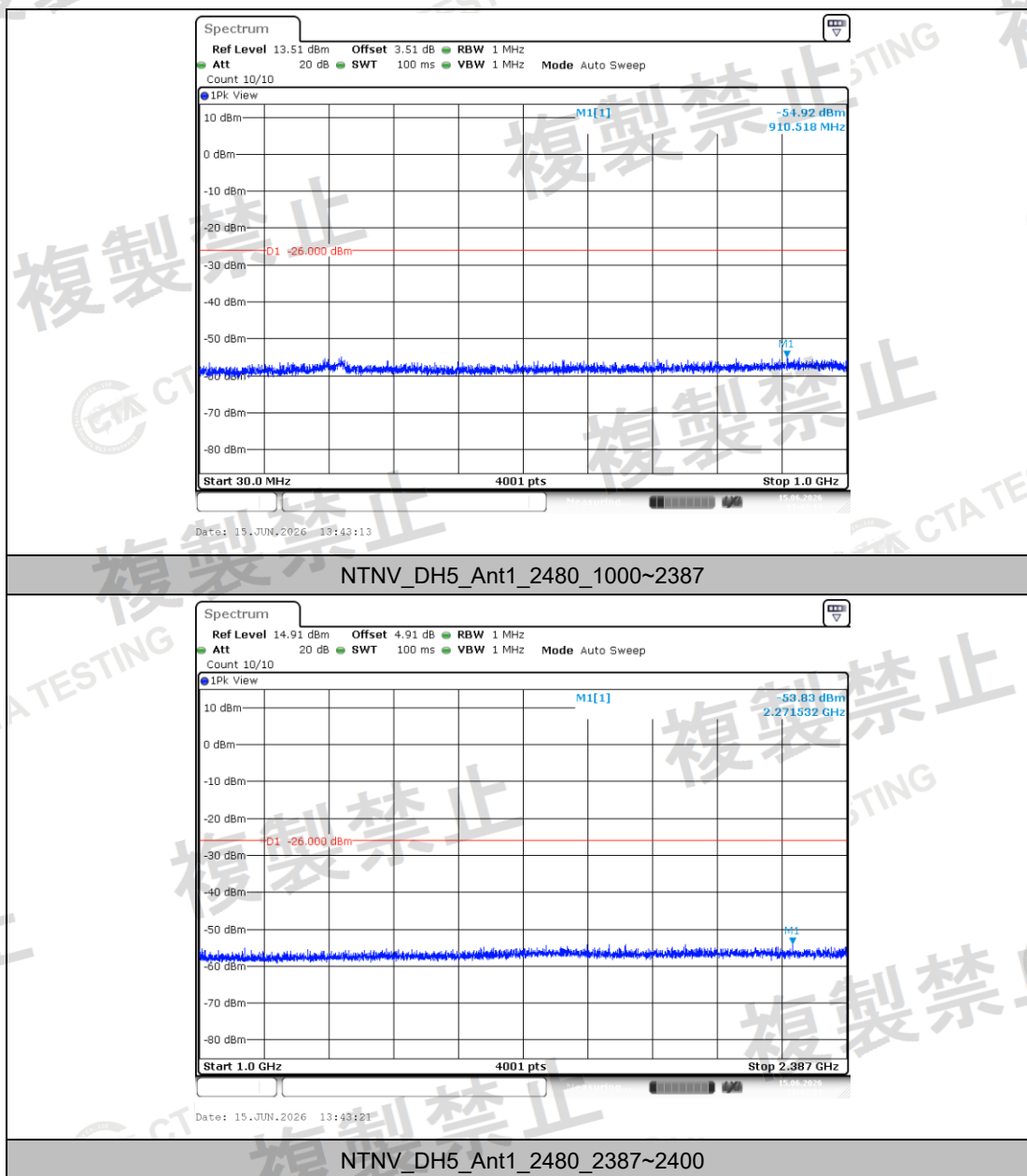
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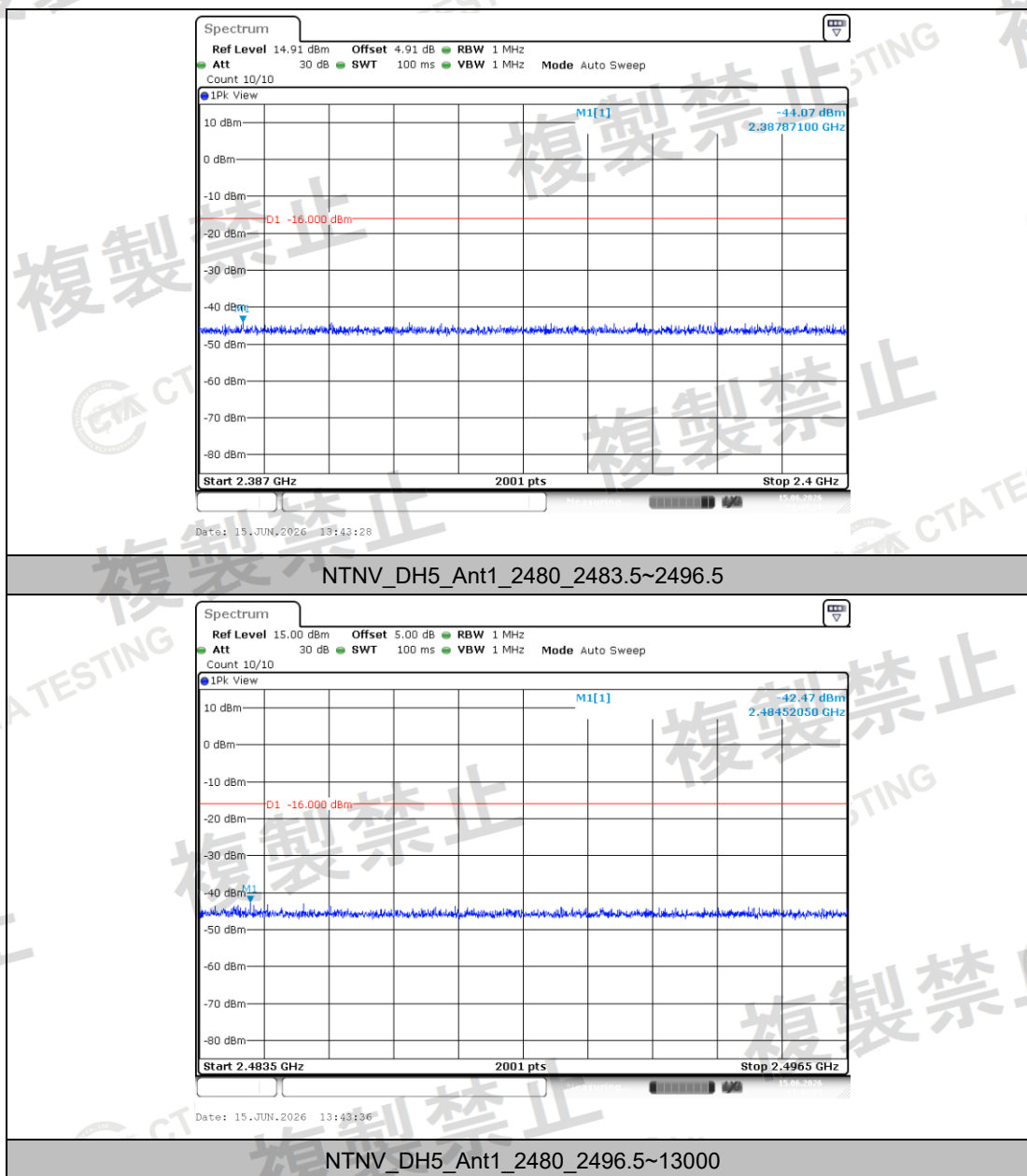
Room 106, Building 1, Yibaolai Industrial Park, Qiaotou Community,  
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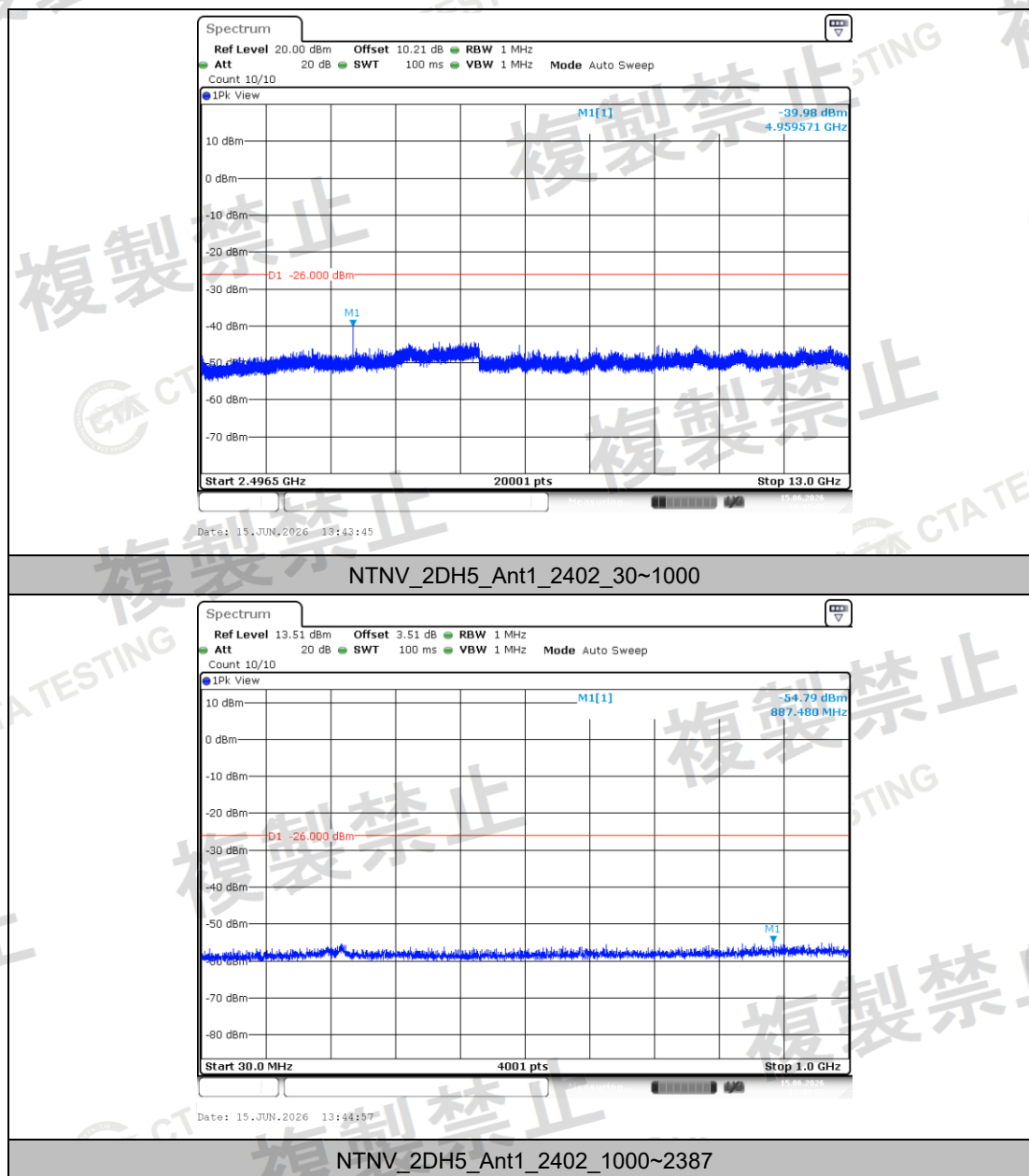
Room 106, Building 1, Yibaolai Industrial Park, Qiaotou Community,  
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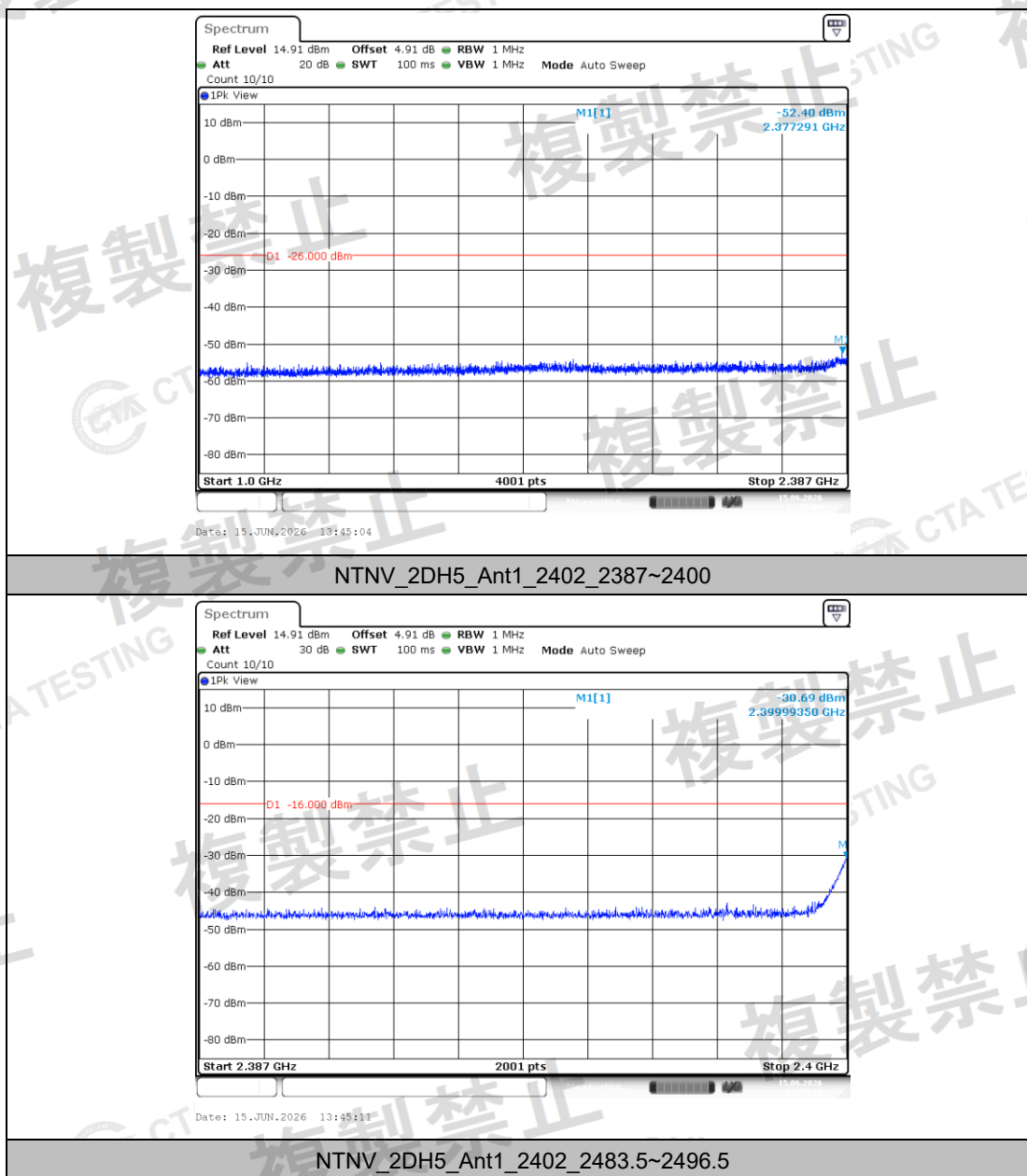
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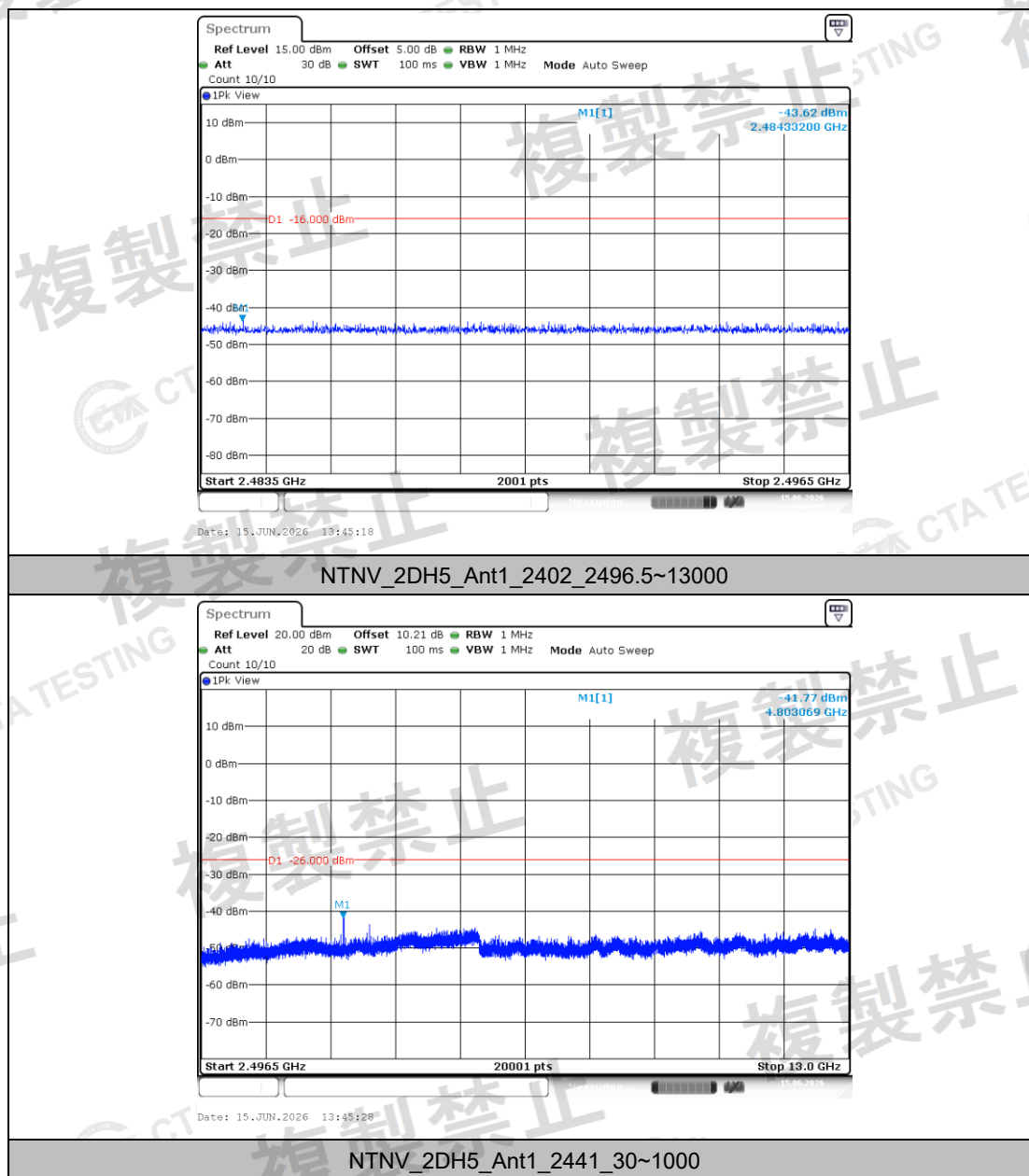
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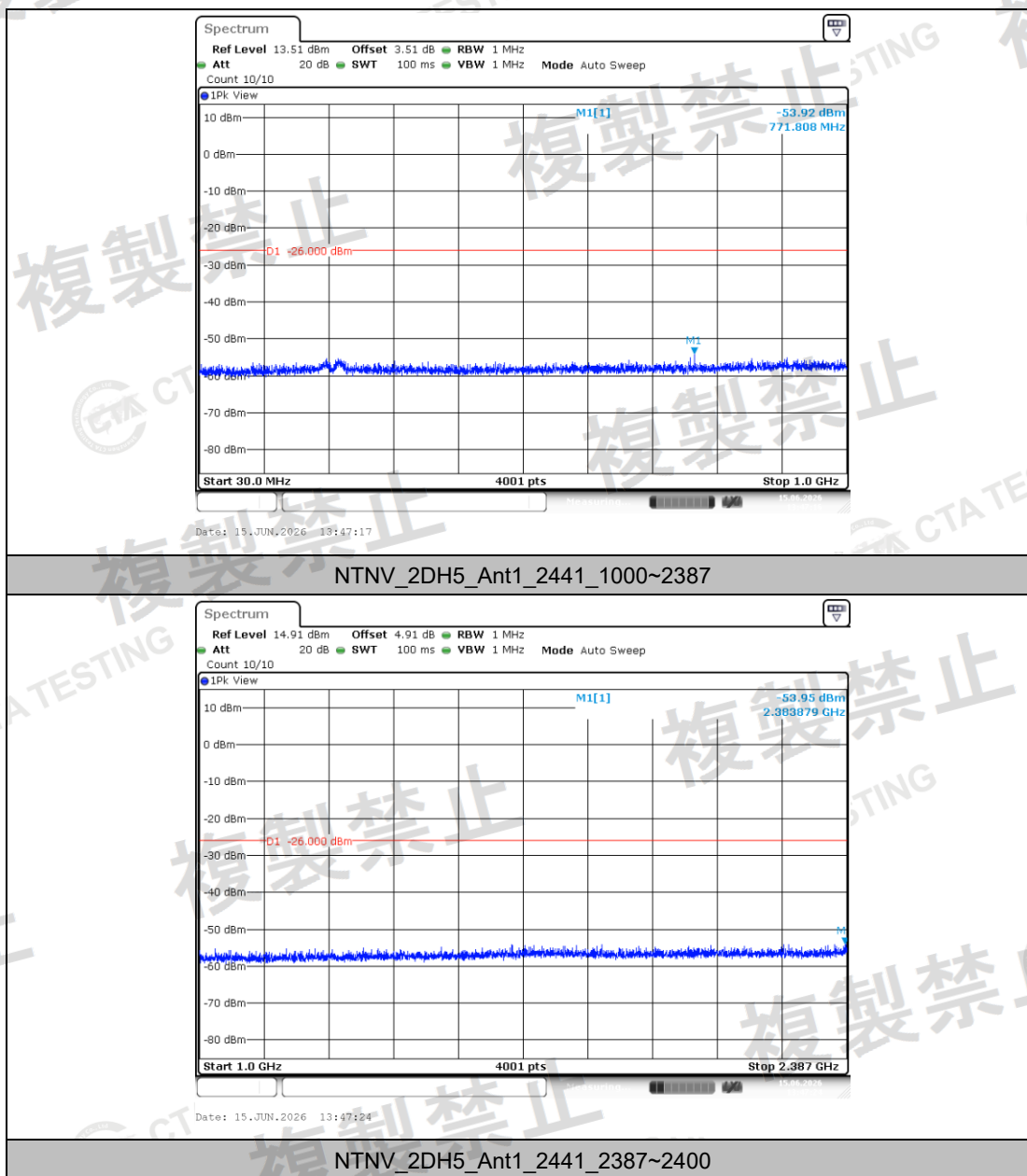
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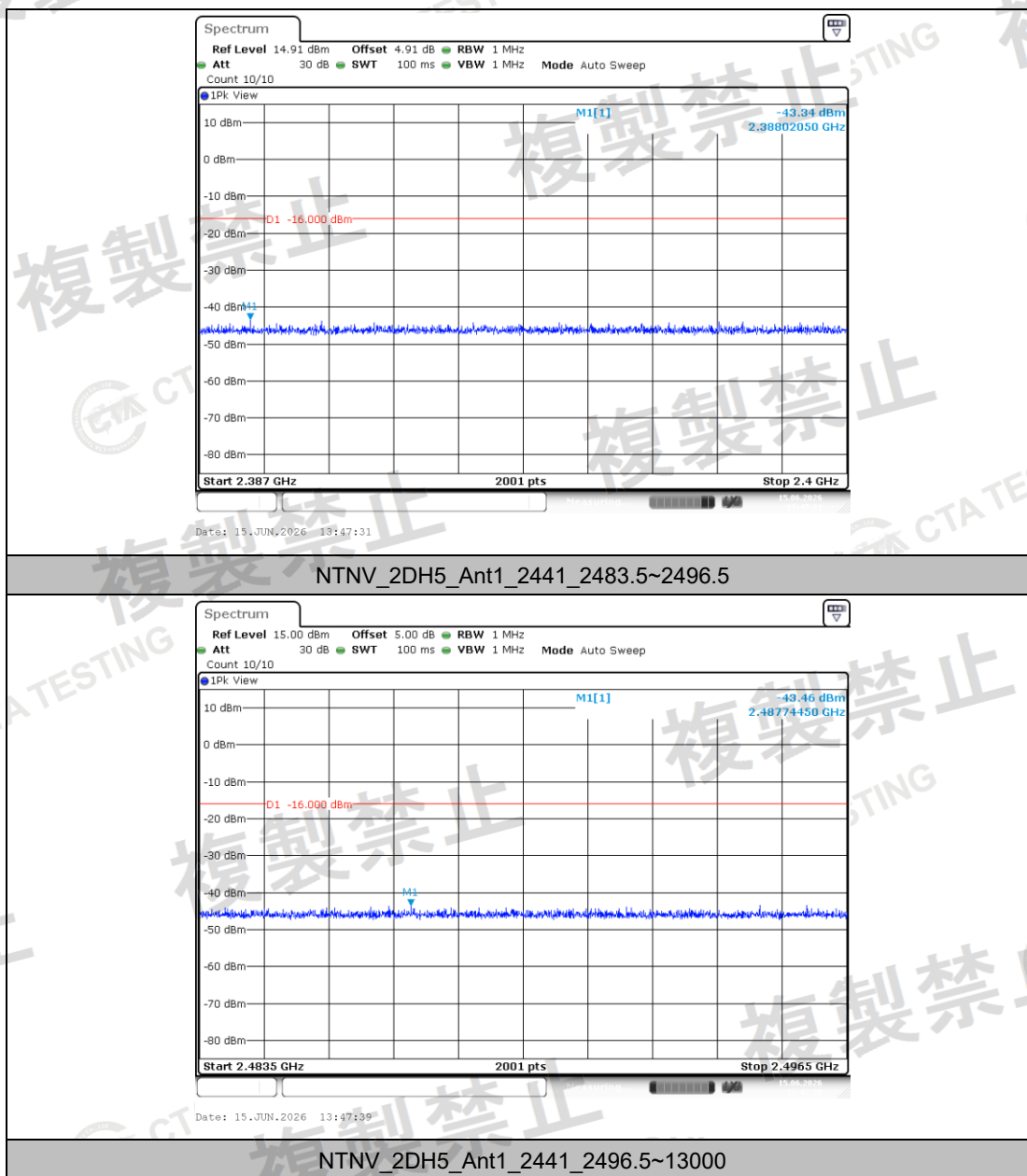
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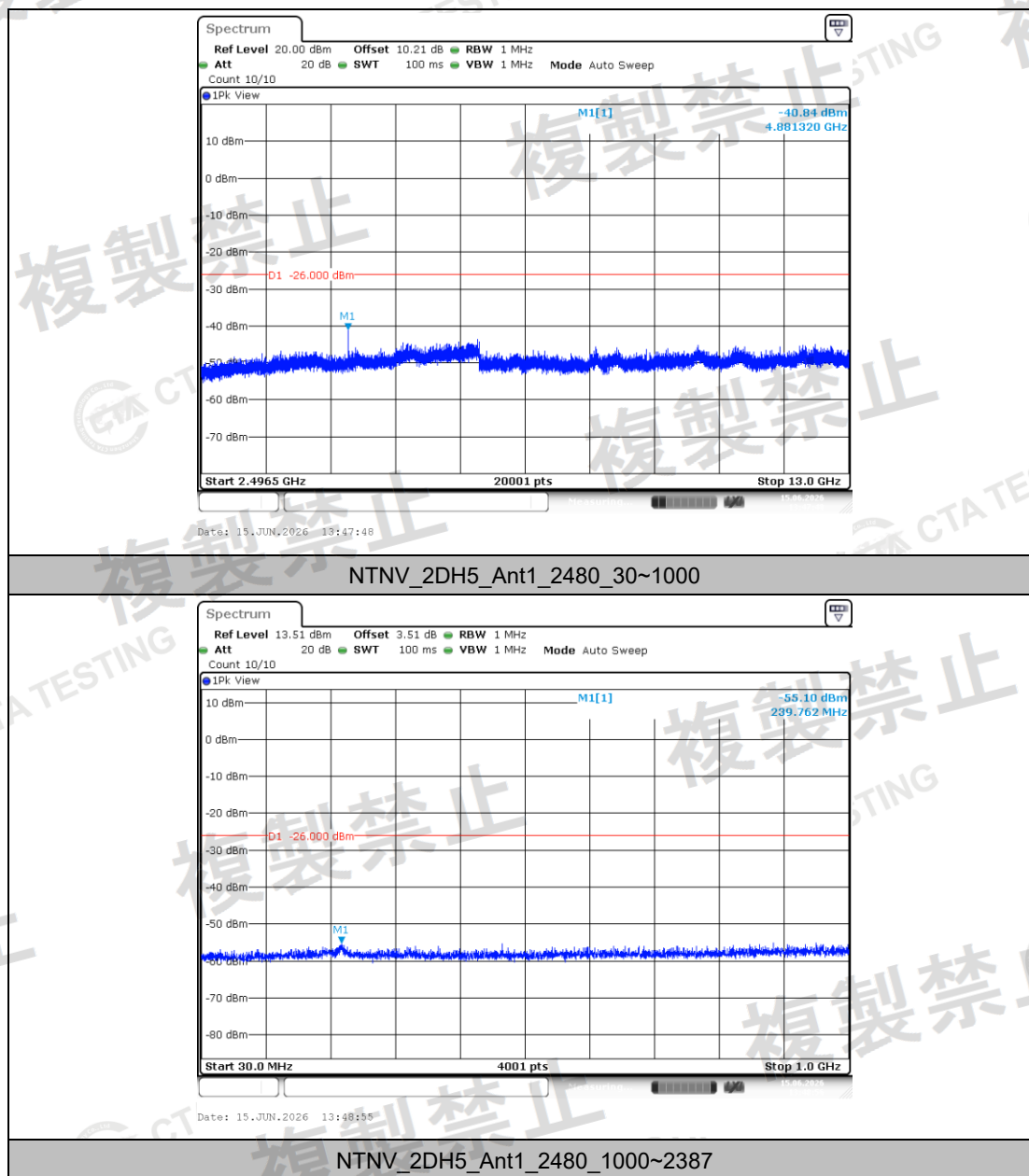
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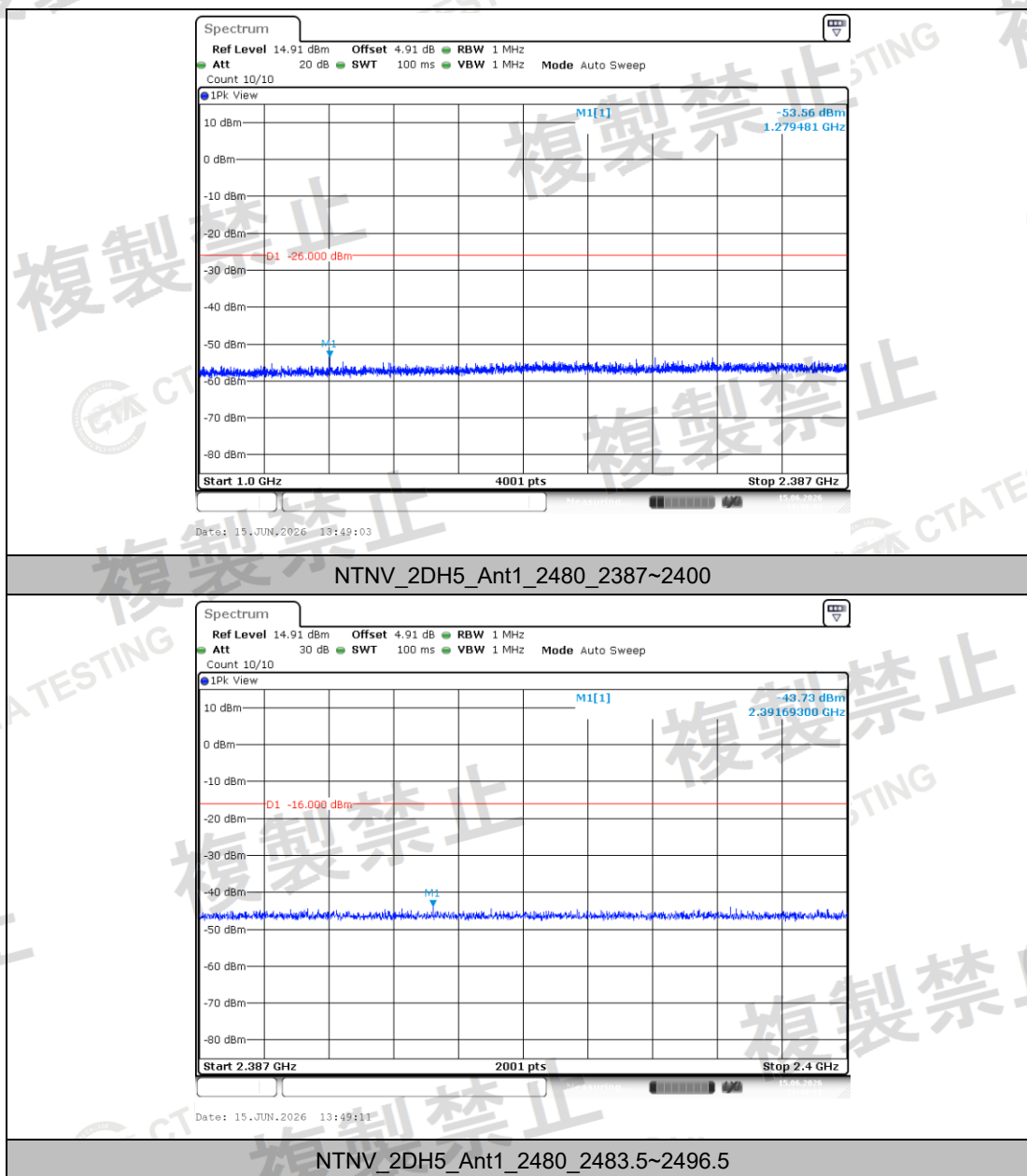
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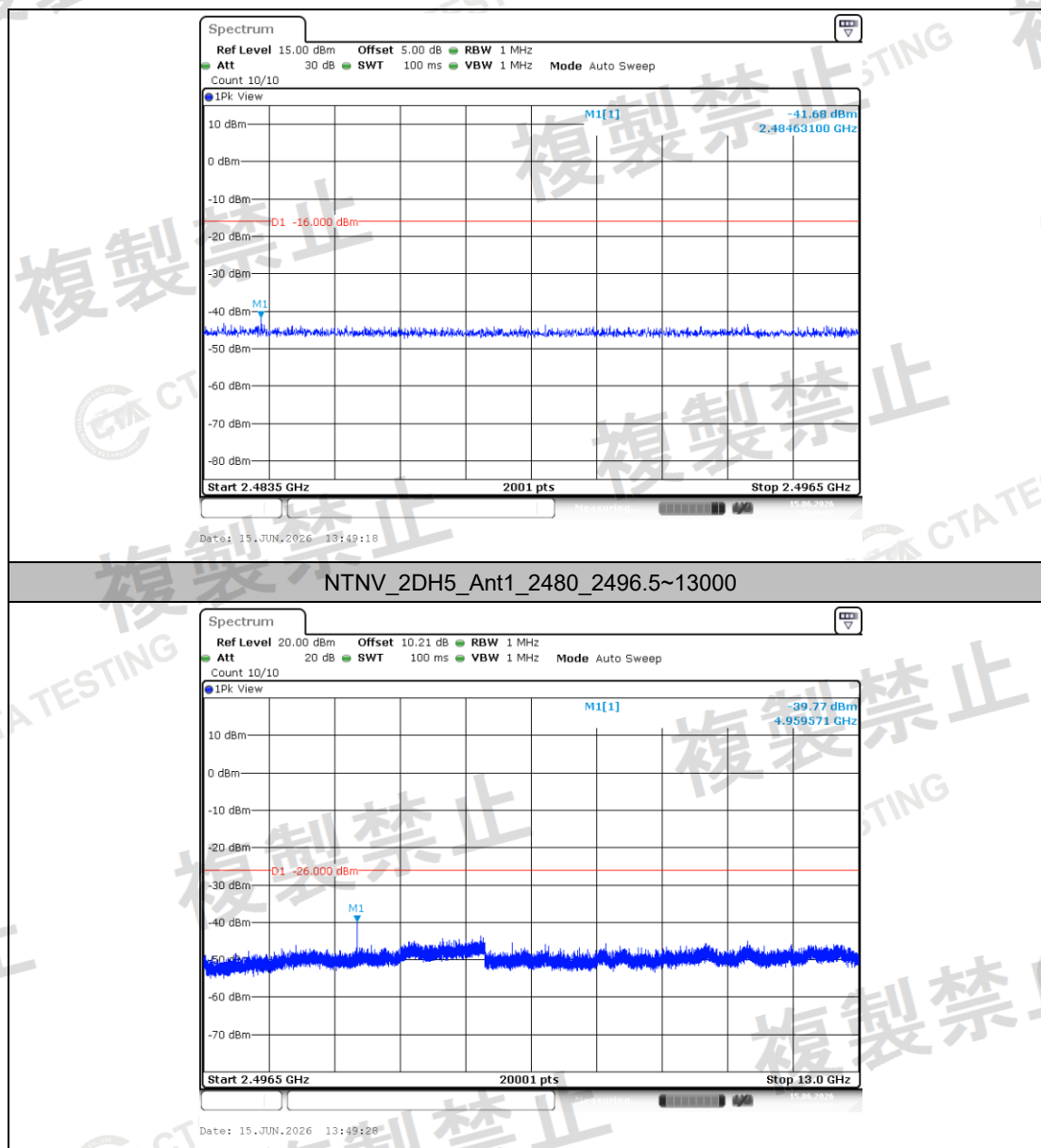
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### Appendix E: Spurious Emission of RX

#### Test Result

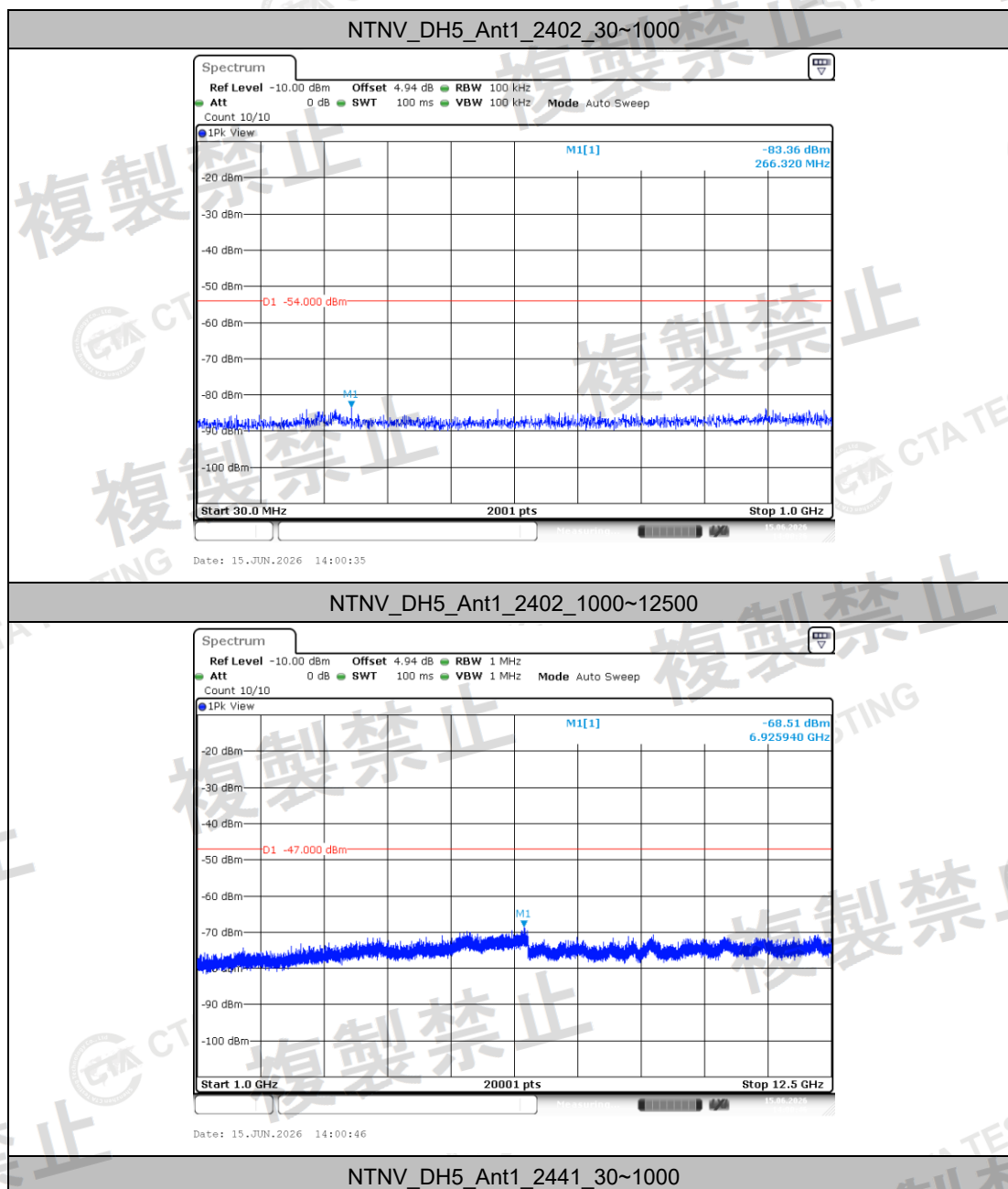
| Test Condition | Test Mode | Antenna | Freq(M Hz) | Freq.Range [MHz] | Freq. [MHz] | Result [dBm] | Limit [dBm] | Result [nW] | Limit [nW] | Verdict |
|----------------|-----------|---------|------------|------------------|-------------|--------------|-------------|-------------|------------|---------|
| NTNV           | DH5       | Ant1    | 2402       | 30~1000          | 266.32      | -83.36       | ≤-54        | 0.0046<br>1 | ≤4         | PASS    |
|                |           |         |            | 1000~12500       | 6925.9<br>4 | -68.51       | ≤-47        | 0.1409<br>3 | ≤20        | PASS    |
|                |           |         | 2441       | 30~1000          | 890.20      | -84.09       | ≤-54        | 0.0039<br>0 | ≤4         | PASS    |
|                |           |         |            | 1000~12500       | 6804.0<br>5 | -68.87       | ≤-47        | 0.1297<br>2 | ≤20        | PASS    |
|                |           |         | 2480       | 30~1000          | 976.00      | -83.06       | ≤-54        | 0.0049<br>4 | ≤4         | PASS    |
|                |           |         |            | 1000~12500       | 6962.7<br>4 | -69.06       | ≤-47        | 0.1241<br>7 | ≤20        | PASS    |
|                | 2DH5      | Ant1    | 2402       | 30~1000          | 971.64      | -83.28       | ≤-54        | 0.0047<br>0 | ≤4         | PASS    |
|                |           |         |            | 1000~12500       | 6977.6<br>9 | -68.89       | ≤-47        | 0.1291<br>2 | ≤20        | PASS    |
|                |           |         | 2441       | 30~1000          | 973.58      | -83.08       | ≤-54        | 0.0049<br>2 | ≤4         | PASS    |
|                |           |         |            | 1000~12500       | 6455.6<br>1 | -68.76       | ≤-47        | 0.1330<br>5 | ≤20        | PASS    |
|                |           |         | 2480       | 30~1000          | 908.14      | -83.87       | ≤-54        | 0.0041<br>0 | ≤4         | PASS    |
|                |           |         |            | 1000~12500       | 6912.1<br>4 | -68.01       | ≤-47        | 0.1581<br>2 | ≤20        | PASS    |



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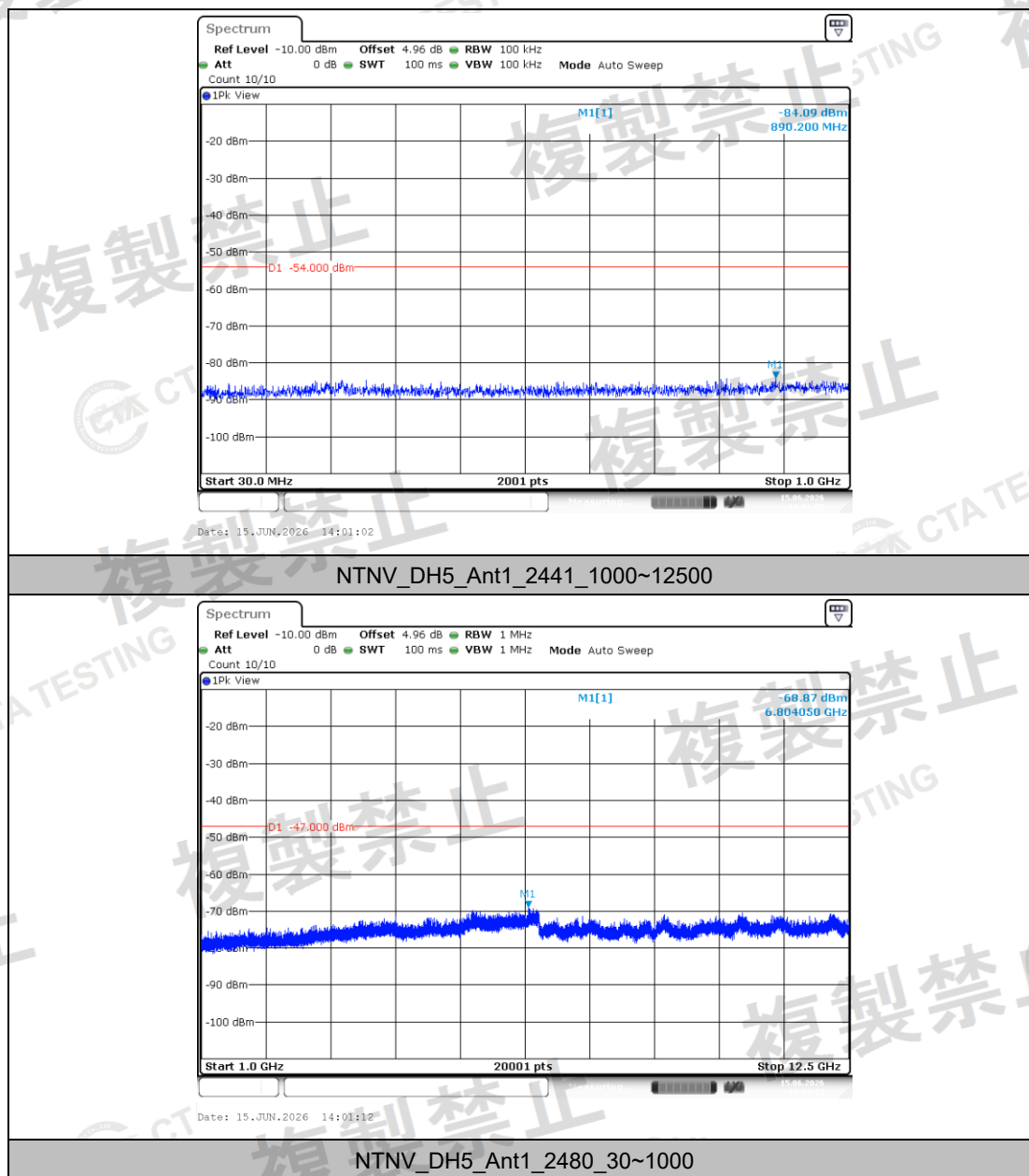
### Test Graphs





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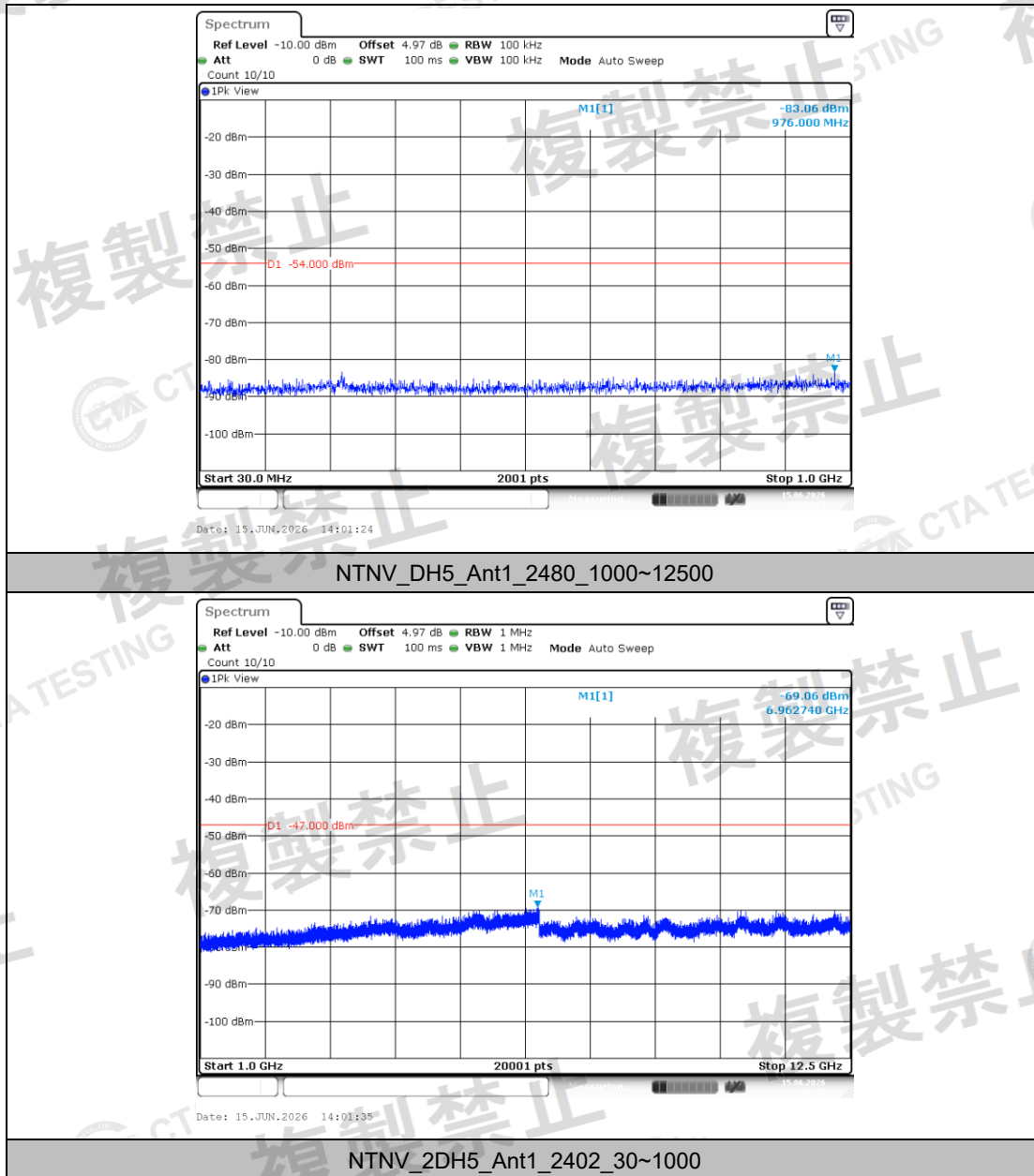
Room 106, Building 1, Yibaolai Industrial Park, Qiaotou Community,  
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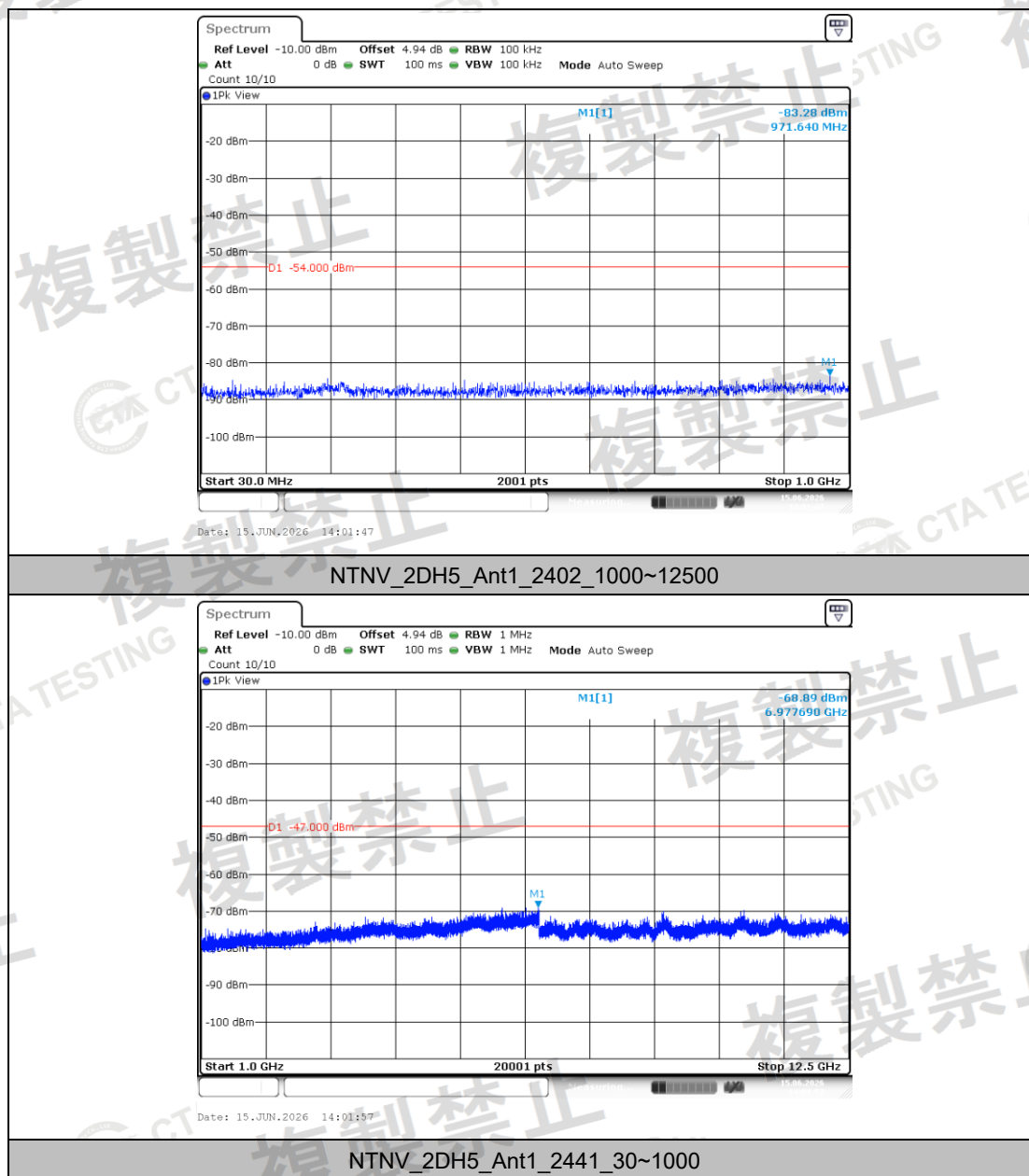
Room 106, Building 1, Yibaolai Industrial Park, Qiaotou Community,  
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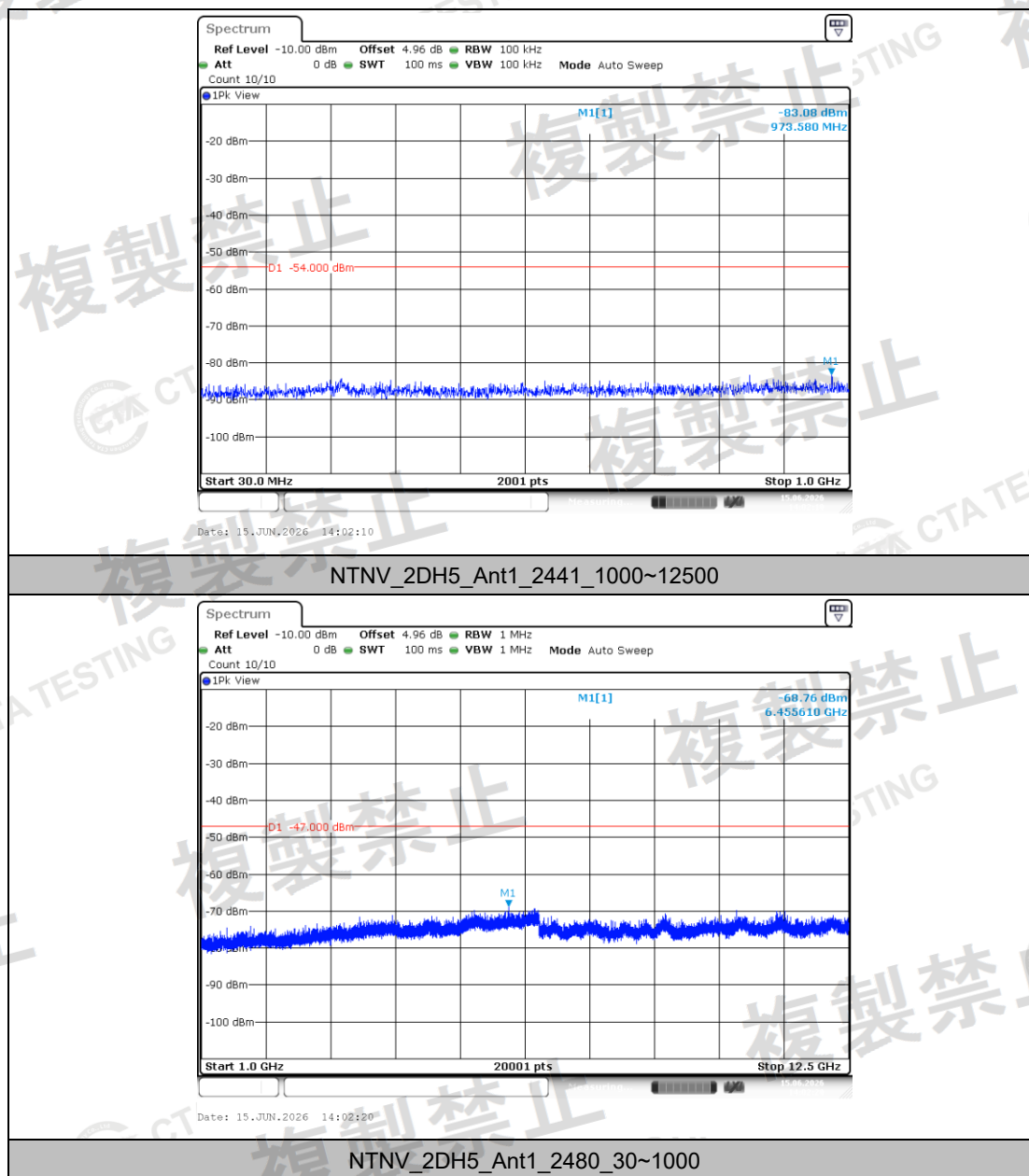
Room 106, Building 1, Yibaolai Industrial Park, Qiaotou Community,  
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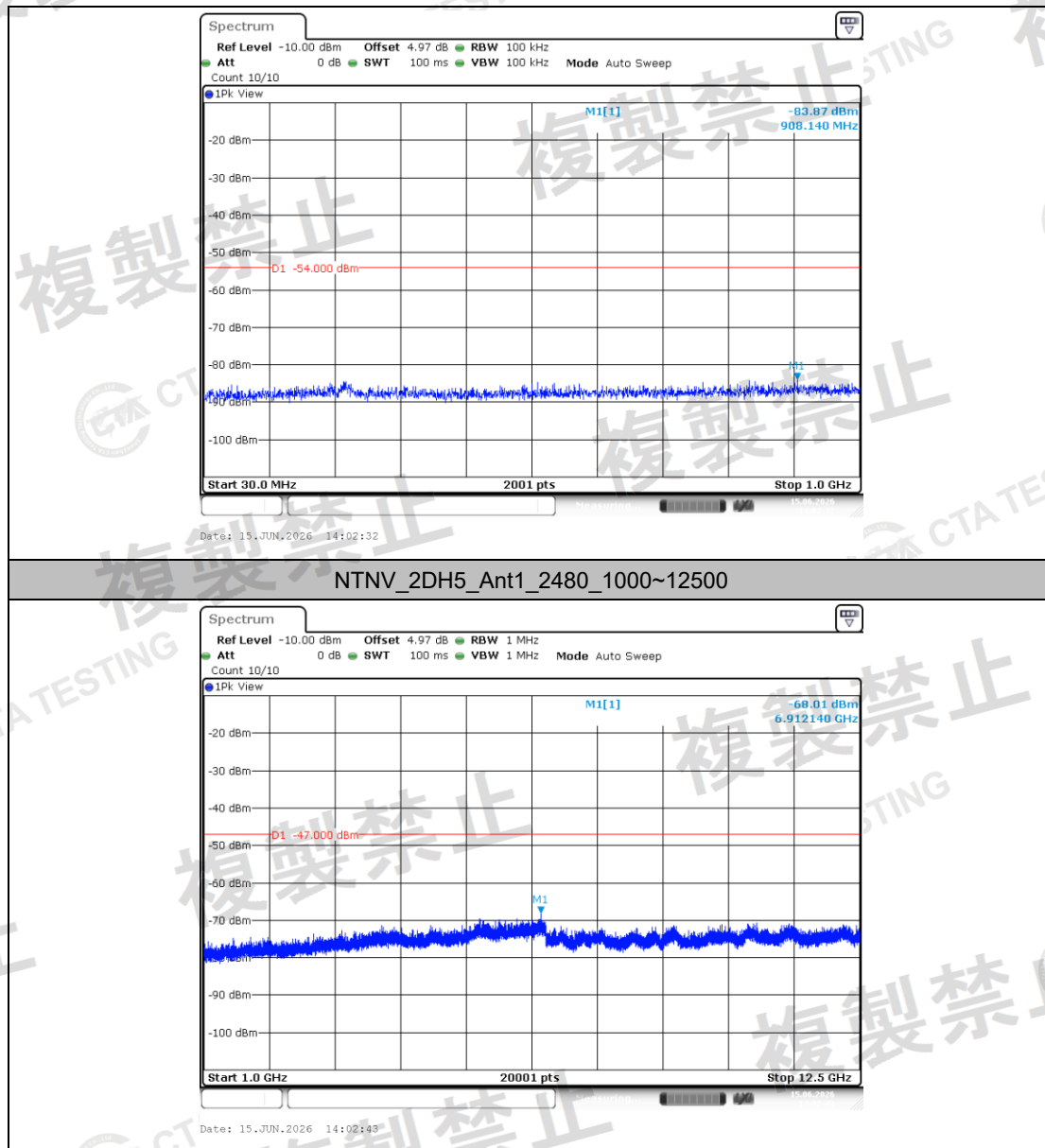
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## Appendix F: Dwell Time

### Test Result

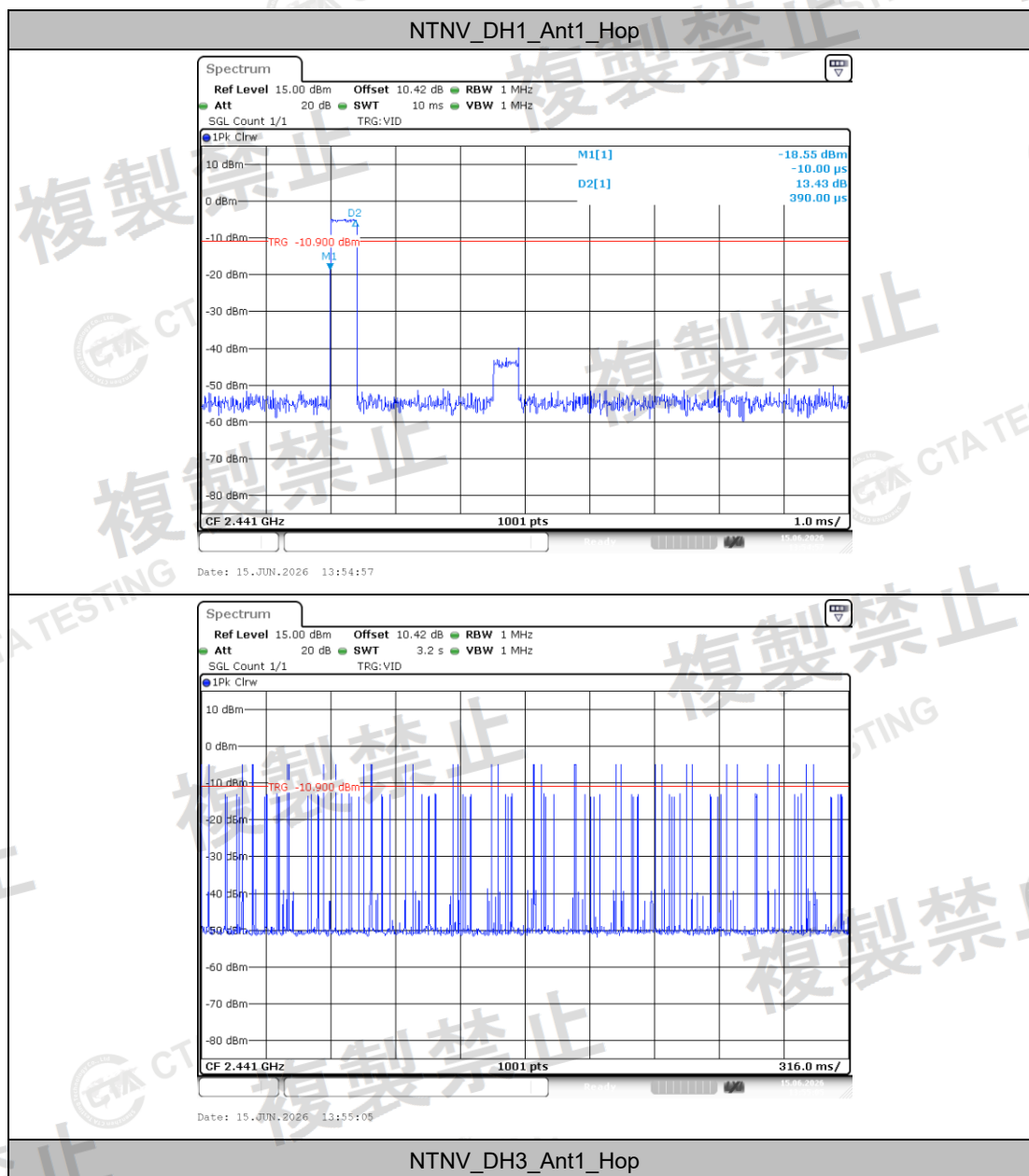
| Test Condition | Test Mode | Antenna | Freq(M Hz) | BurstWidth [ms] | TotalHops [Num] | Result[s] | Limit [s] | Verdict |
|----------------|-----------|---------|------------|-----------------|-----------------|-----------|-----------|---------|
| NTNV           | DH1       | Ant1    | Hop        | 0.39            | 300             | 0.117     | ≤0.4      | PASS    |
|                | DH3       | Ant1    | Hop        | 1.64            | 140             | 0.23      | ≤0.4      | PASS    |
|                | DH5       | Ant1    | Hop        | 2.89            | 70              | 0.202     | ≤0.4      | PASS    |
|                | 2DH1      | Ant1    | Hop        | 0.40            | 310             | 0.124     | ≤0.4      | PASS    |
|                | 2DH3      | Ant1    | Hop        | 1.65            | 180             | 0.297     | ≤0.4      | PASS    |
|                | 2DH5      | Ant1    | Hop        | 2.90            | 100             | 0.29      | ≤0.4      | PASS    |



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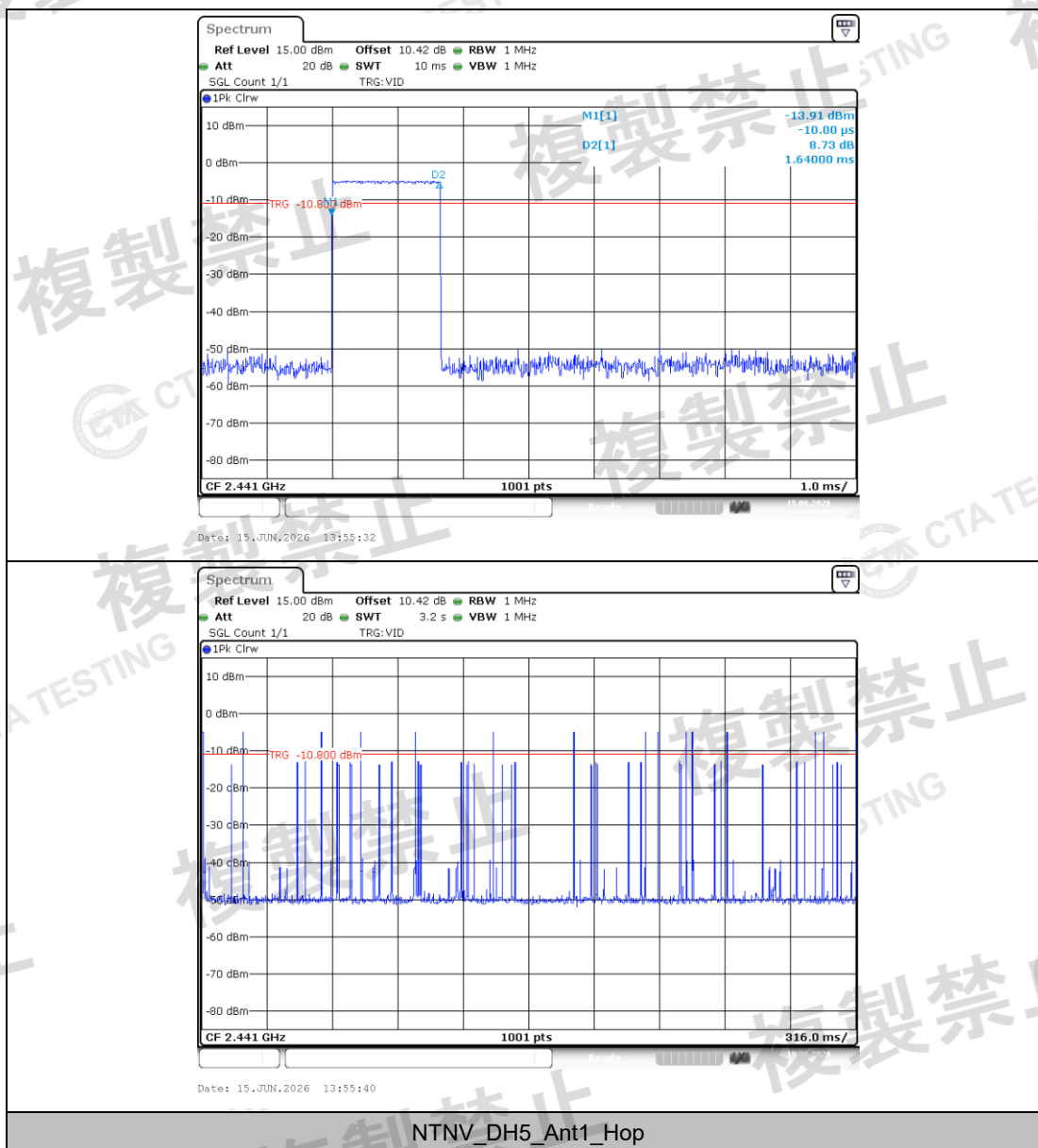
### Test Graphs

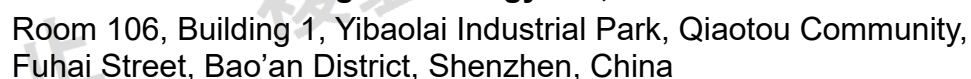




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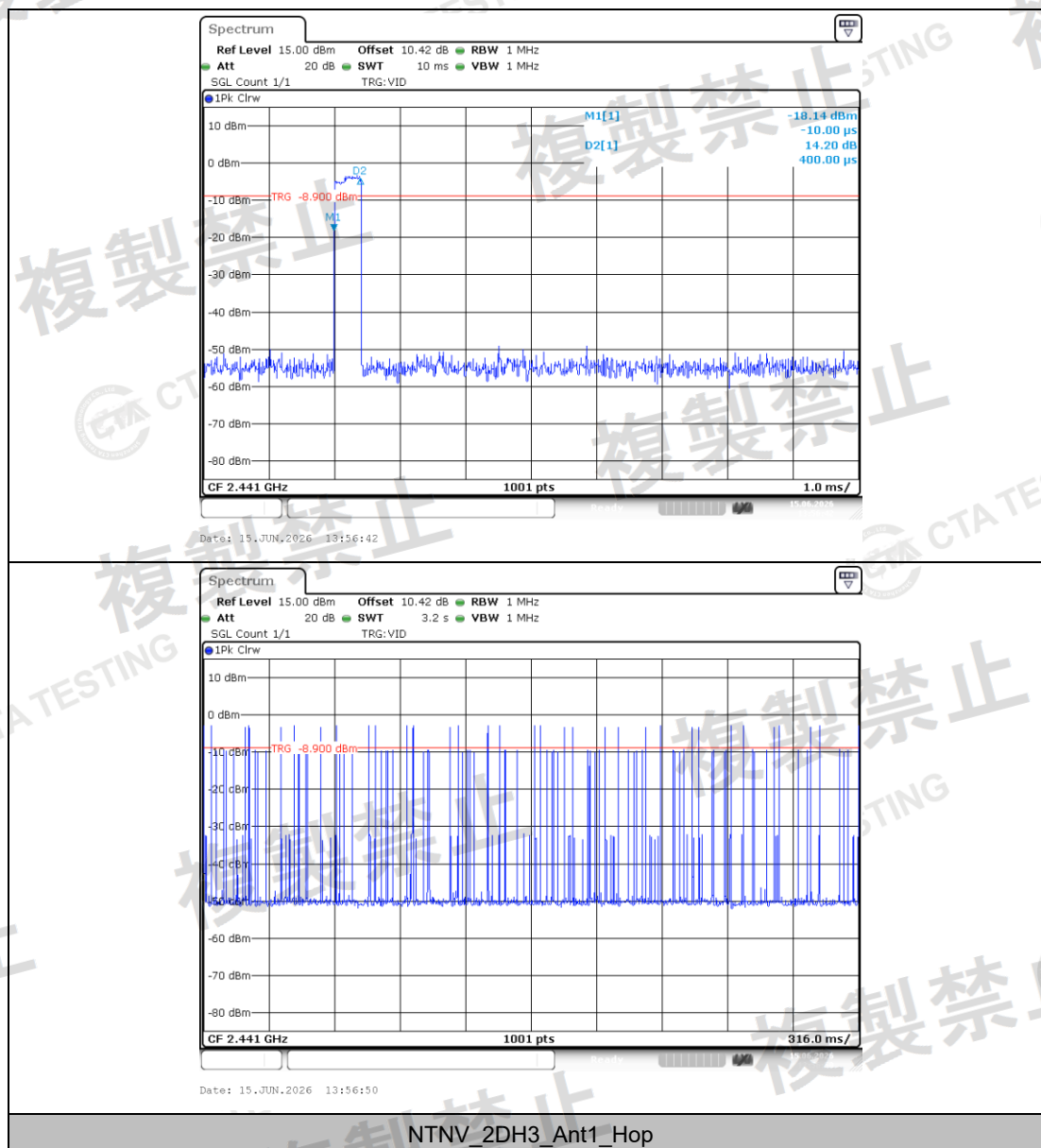






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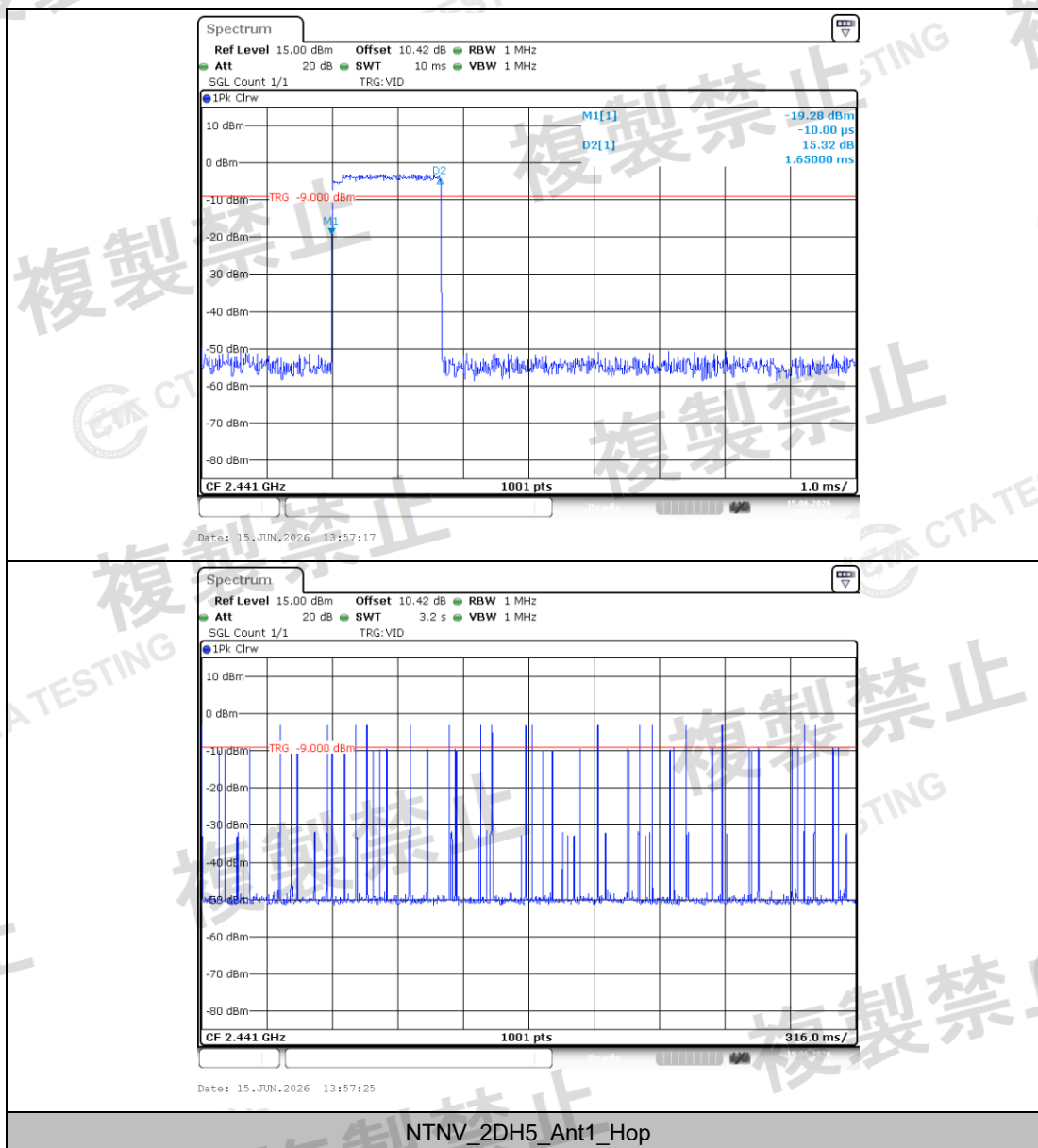
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