

## Appendix: 2.4G Wi-Fi

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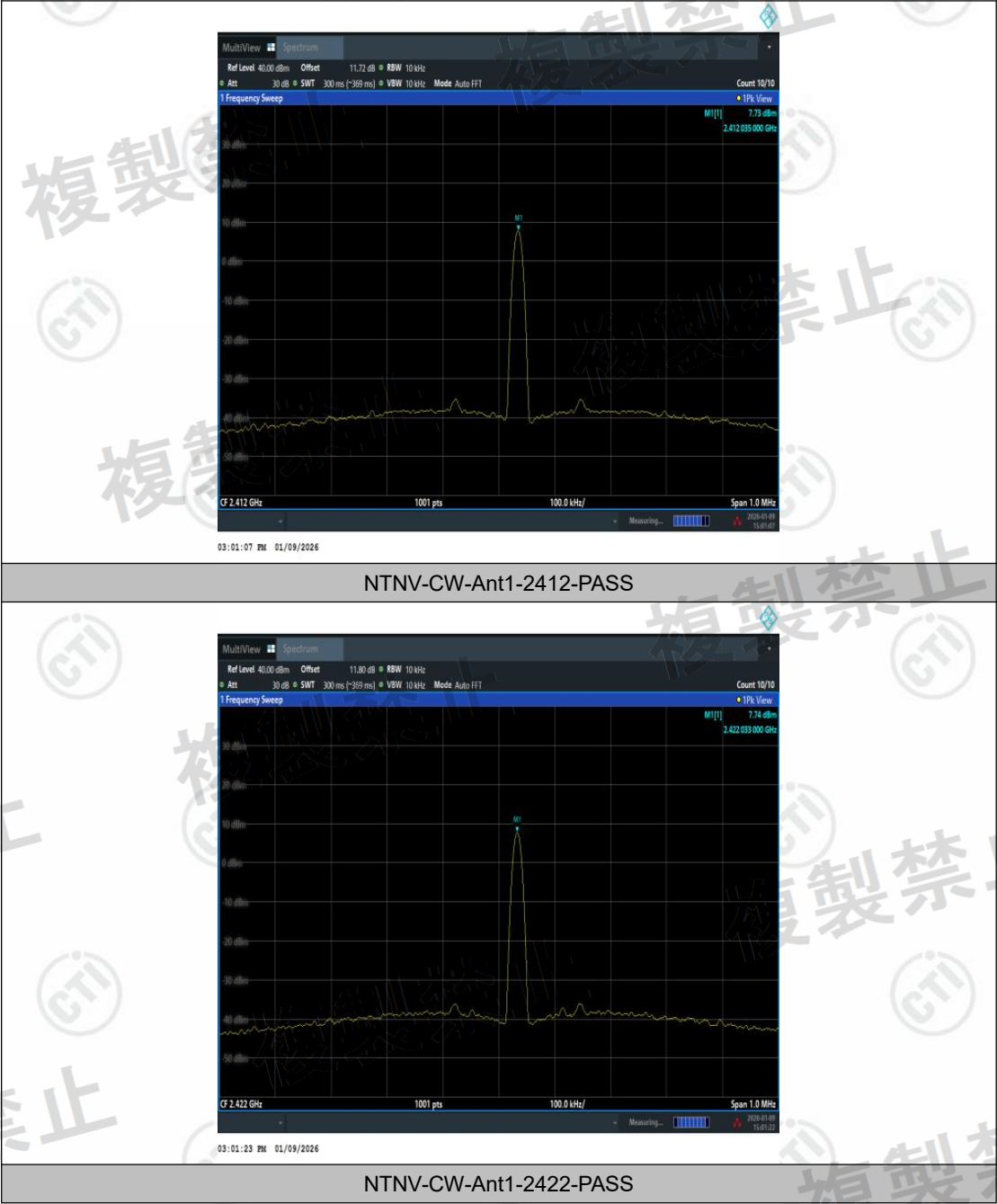
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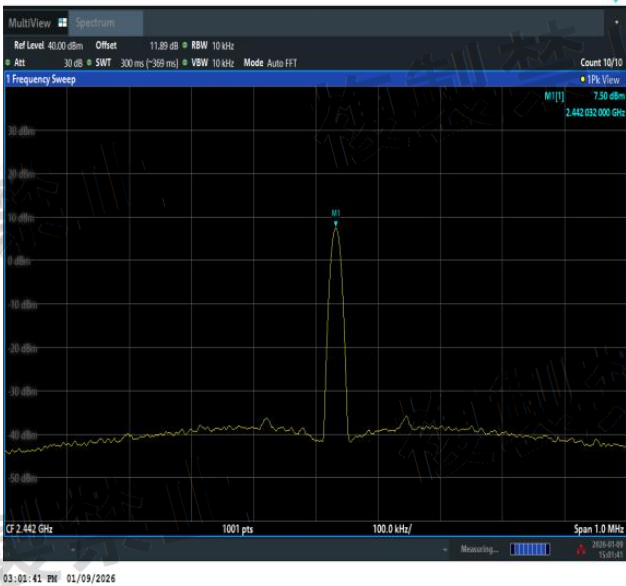
Appendix A: Frequency Error

Test Result

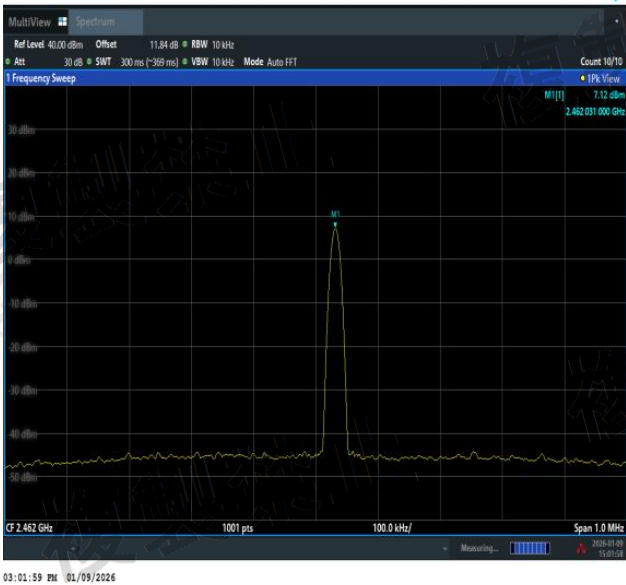
| TestCondition | TestMode | Antenna | Frequency[MHz] | CenterFreq [MHz] | Result[ppm] | Limit[ppm] | Verdict |
|---------------|----------|---------|----------------|------------------|-------------|------------|---------|
| NTNV          | CW       | Ant1    | 2412           | 2412.035         | 14.51078    | ±50        | PASS    |
| NTNV          | CW       | Ant1    | 2422           | 2422.033         | 13.62510    | ±50        | PASS    |
| NTNV          | CW       | Ant1    | 2442           | 2442.032         | 13.10401    | ±50        | PASS    |
| NTNV          | CW       | Ant1    | 2462           | 2462.031         | 12.59139    | ±50        | PASS    |
| NTNV          | CW       | Ant1    | 2472           | 2472.033         | 13.34952    | ±50        | PASS    |

Test Graphs

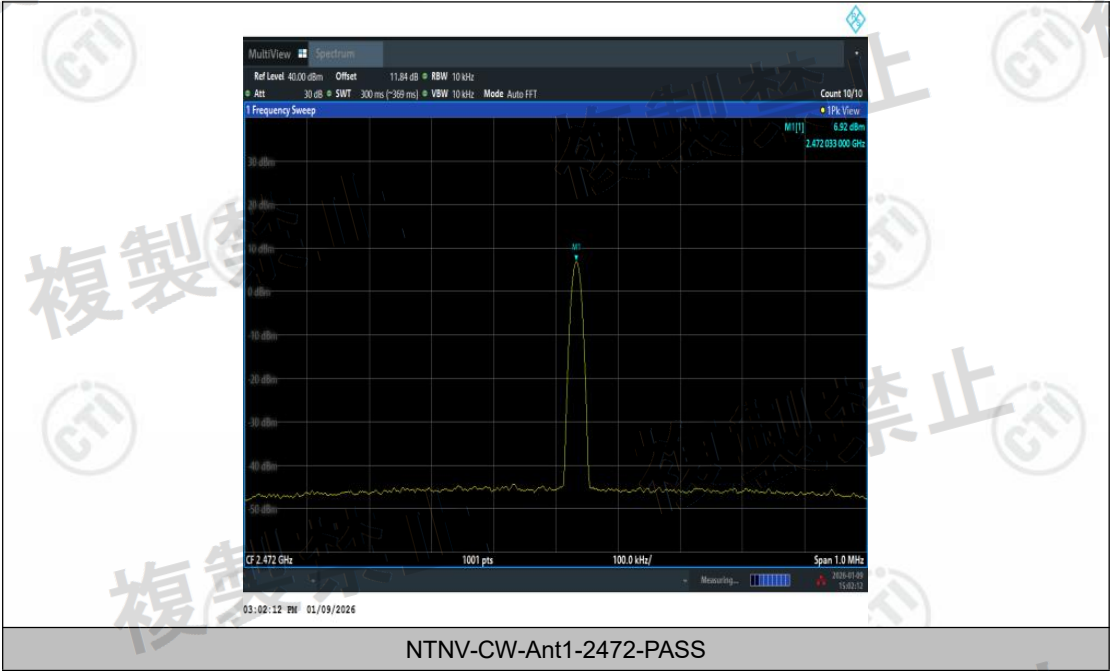




NTVN-CW-Ant1-2442-PASS



NTVN-CW-Ant1-2462-PASS



## Appendix B: Antenna Power

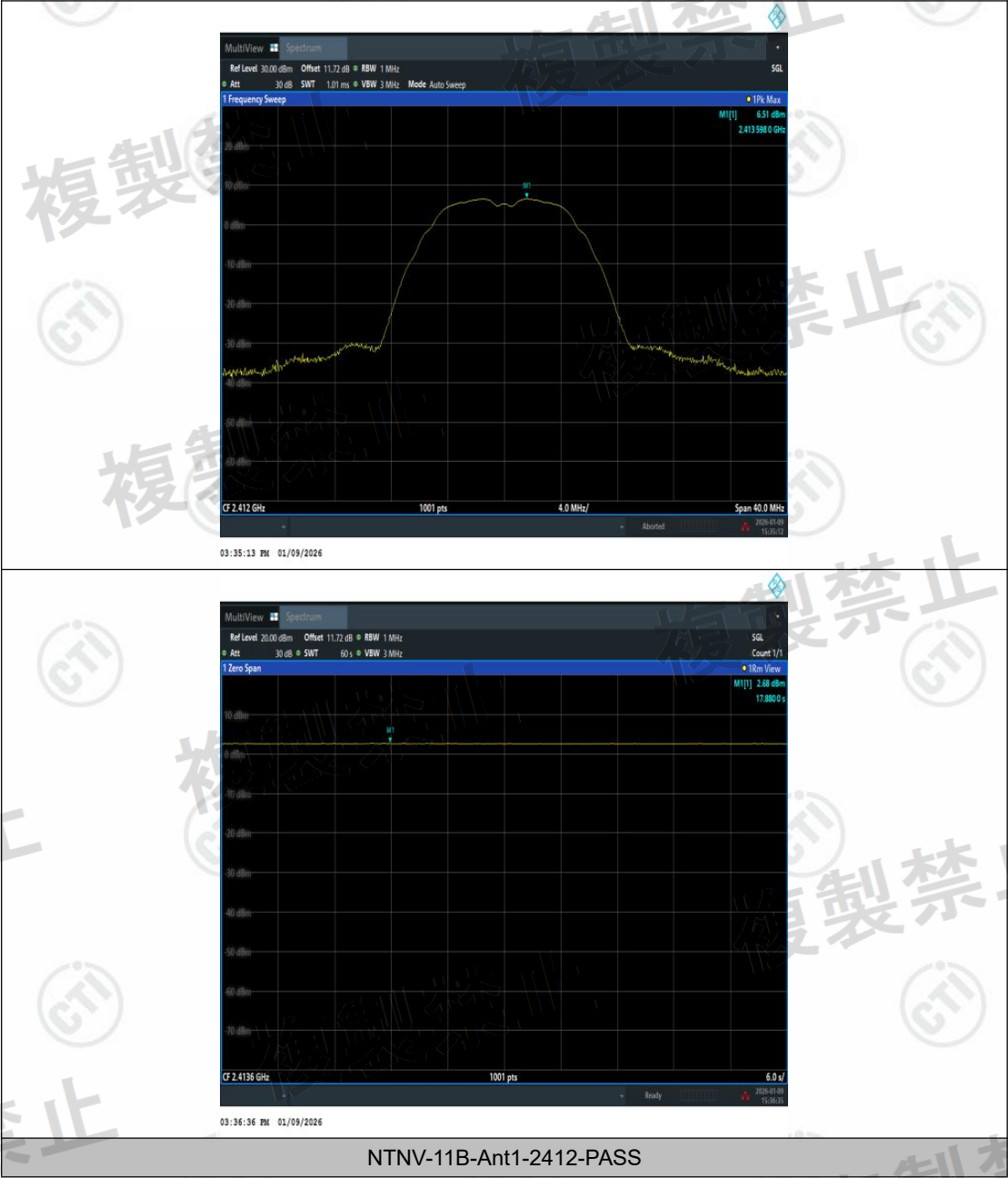
### Test Result

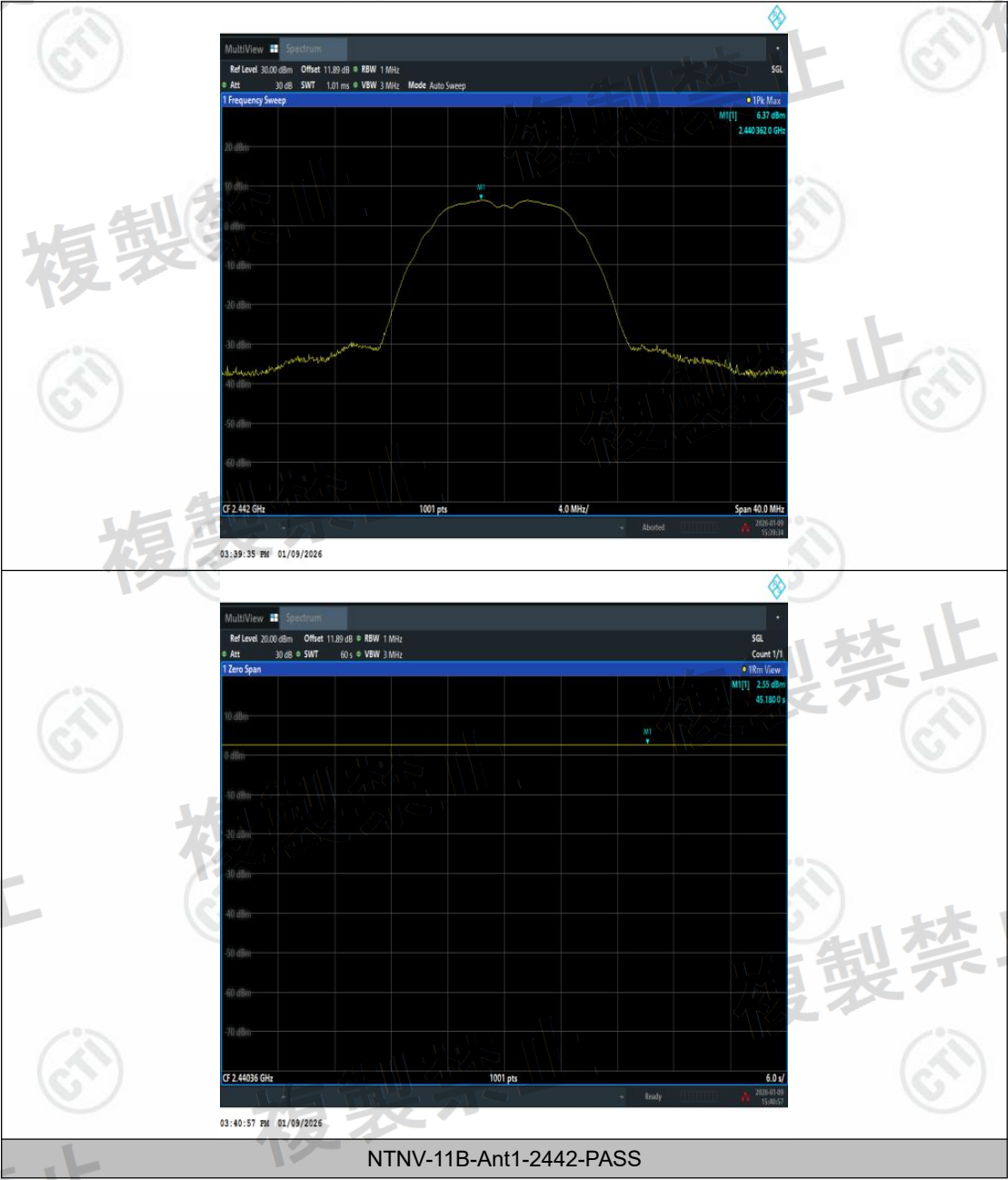
| Test Mode | Antenna | Frequency [MHz] | Raw (dBm/MHz) | DC Factor [dBm] | Result [dBm/MHz] | Result(mW/ MHz) | Limit( mW/ MHz) | Verdict |
|-----------|---------|-----------------|---------------|-----------------|------------------|-----------------|-----------------|---------|
| 11B       | Ant1    | 2412            | 2.68          | 0.76            | 3.44             | 2.2080          | ≤10             | PASS    |
| 11B       | Ant1    | 2442            | 2.55          | 0.66            | 3.21             | 2.0941          | ≤10             | PASS    |
| 11B       | Ant1    | 2472            | 2.04          | 0.66            | 2.70             | 1.8621          | ≤10             | PASS    |
| 11G       | Ant1    | 2412            | -0.73         | 0.08            | -0.65            | 0.8610          | ≤10             | PASS    |
| 11G       | Ant1    | 2442            | -0.59         | 0.08            | -0.51            | 0.8892          | ≤10             | PASS    |
| 11G       | Ant1    | 2472            | -1.13         | 0.10            | -1.03            | 0.7889          | ≤10             | PASS    |
| 11N20SISO | Ant1    | 2412            | -2.53         | 0.55            | -1.98            | 0.6339          | ≤10             | PASS    |
| 11N20SISO | Ant1    | 2442            | -2.52         | 0.55            | -1.97            | 0.6353          | ≤10             | PASS    |
| 11N20SISO | Ant1    | 2472            | -3.01         | 0.55            | -2.46            | 0.5675          | ≤10             | PASS    |
| 11N40SISO | Ant1    | 2422            | -5.53         | 0.56            | -4.97            | 0.3184          | ≤5              | PASS    |
| 11N40SISO | Ant1    | 2442            | -5.54         | 0.56            | -4.98            | 0.3177          | ≤5              | PASS    |
| 11N40SISO | Ant1    | 2462            | -5.97         | 0.56            | -5.41            | 0.2877          | ≤5              | PASS    |

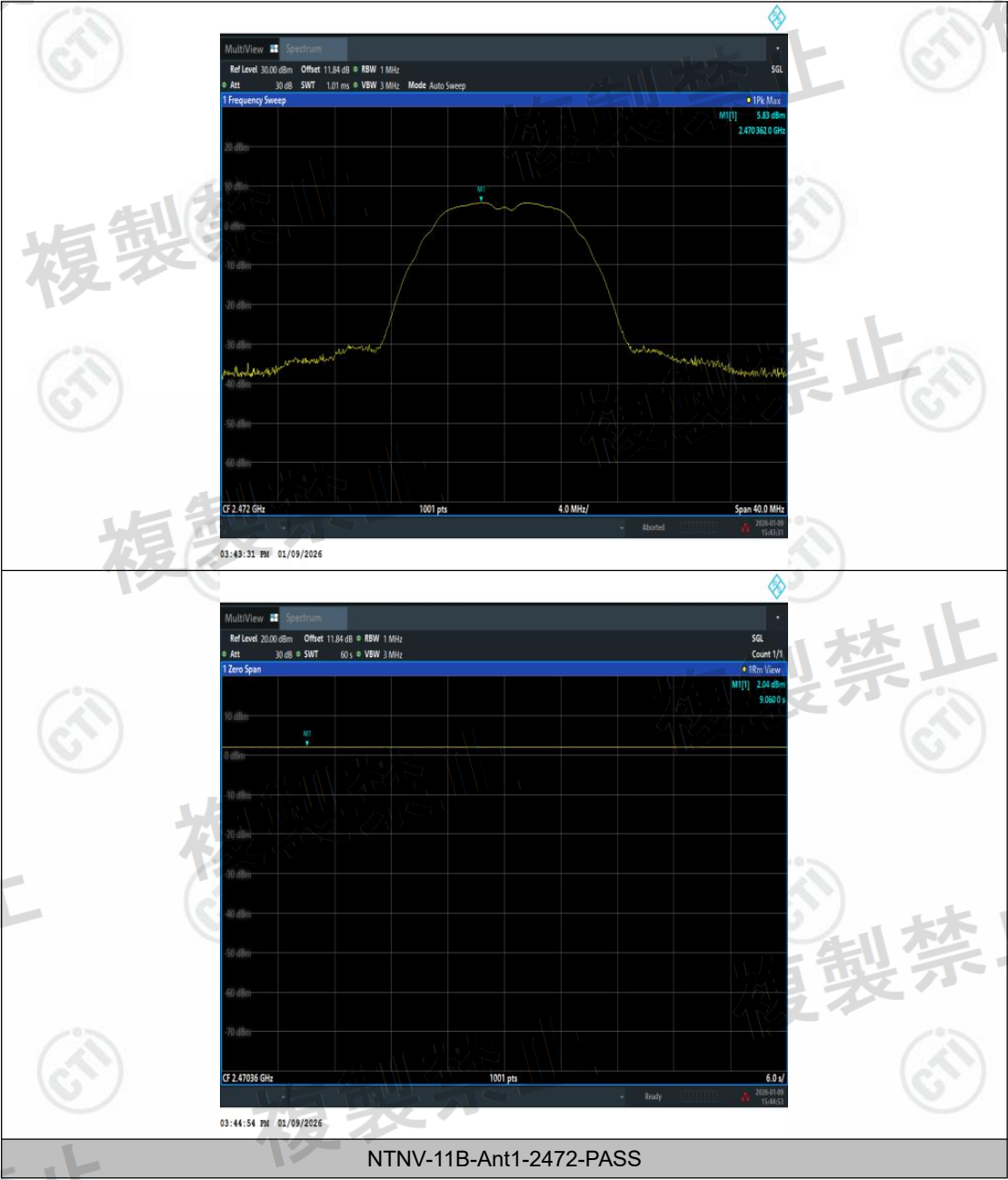
| Test Condition | Test Mode | Antenna | Frequency[MHz] | Power (mW/ MHz) | Rated Power (mW/MHz) | Result (%) | Limit (%) | Verdict |
|----------------|-----------|---------|----------------|-----------------|----------------------|------------|-----------|---------|
| NTNV           | 11B       | Ant1    | 2412           | 2.2080          | 2.2                  | 0.36       | 20        | PASS    |
| NTNV           | 11B       | Ant1    | 2442           | 2.0941          | 2.2                  | -4.81      | 20        | PASS    |
| NTNV           | 11B       | Ant1    | 2472           | 1.8621          | 2.2                  | -15.36     | 20        | PASS    |
| NTNV           | 11G       | Ant1    | 2412           | 0.8610          | 1.0                  | -13.90     | 20        | PASS    |
| NTNV           | 11G       | Ant1    | 2442           | 0.8892          | 1.0                  | -11.08     | 20        | PASS    |
| NTNV           | 11G       | Ant1    | 2472           | 0.7889          | 1.0                  | -21.11     | 20        | PASS    |
| NTNV           | 11N20SISO | Ant1    | 2412           | 0.6339          | 0.7                  | -9.44      | 20        | PASS    |
| NTNV           | 11N20SISO | Ant1    | 2442           | 0.6353          | 0.7                  | -9.24      | 20        | PASS    |
| NTNV           | 11N20SISO | Ant1    | 2472           | 0.5675          | 0.7                  | -18.93     | 20        | PASS    |
| NTNV           | 11N40SISO | Ant1    | 2422           | 0.3184          | 0.35                 | -9.03      | 20        | PASS    |
| NTNV           | 11N40SISO | Ant1    | 2442           | 0.3177          | 0.35                 | -9.23      | 20        | PASS    |
| NTNV           | 11N40SISO | Ant1    | 2462           | 0.2877          | 0.35                 | -17.80     | 20        | PASS    |

| Test Condition | Test Mode | Antenna | Frequency [MHz] | Result (dBm/ MHz) | EIRP (dBm/ MHz) | Limit (dBm/ MHz) | Verdict |
|----------------|-----------|---------|-----------------|-------------------|-----------------|------------------|---------|
| NTNV           | 11B       | Ant1    | 2412            | 3.44              | 4.68            | ≤12.14           | PASS    |
| NTNV           | 11B       | Ant1    | 2442            | 3.21              | 4.45            | ≤12.14           | PASS    |
| NTNV           | 11B       | Ant1    | 2472            | 2.70              | 3.94            | ≤12.14           | PASS    |
| NTNV           | 11G       | Ant1    | 2412            | -0.65             | 0.59            | ≤12.14           | PASS    |
| NTNV           | 11G       | Ant1    | 2442            | -0.51             | 0.73            | ≤12.14           | PASS    |
| NTNV           | 11G       | Ant1    | 2472            | -1.03             | 0.21            | ≤12.14           | PASS    |
| NTNV           | 11N20SISO | Ant1    | 2412            | -1.98             | -0.74           | ≤12.14           | PASS    |
| NTNV           | 11N20SISO | Ant1    | 2442            | -1.97             | -0.73           | ≤12.14           | PASS    |
| NTNV           | 11N20SISO | Ant1    | 2472            | -2.46             | -1.22           | ≤12.14           | PASS    |
| NTNV           | 11N40SISO | Ant1    | 2422            | -4.97             | -3.73           | ≤9.13            | PASS    |
| NTNV           | 11N40SISO | Ant1    | 2442            | -4.98             | -3.74           | ≤9.13            | PASS    |
| NTNV           | 11N40SISO | Ant1    | 2462            | -5.41             | -4.17           | ≤9.13            | PASS    |

Test Graphs

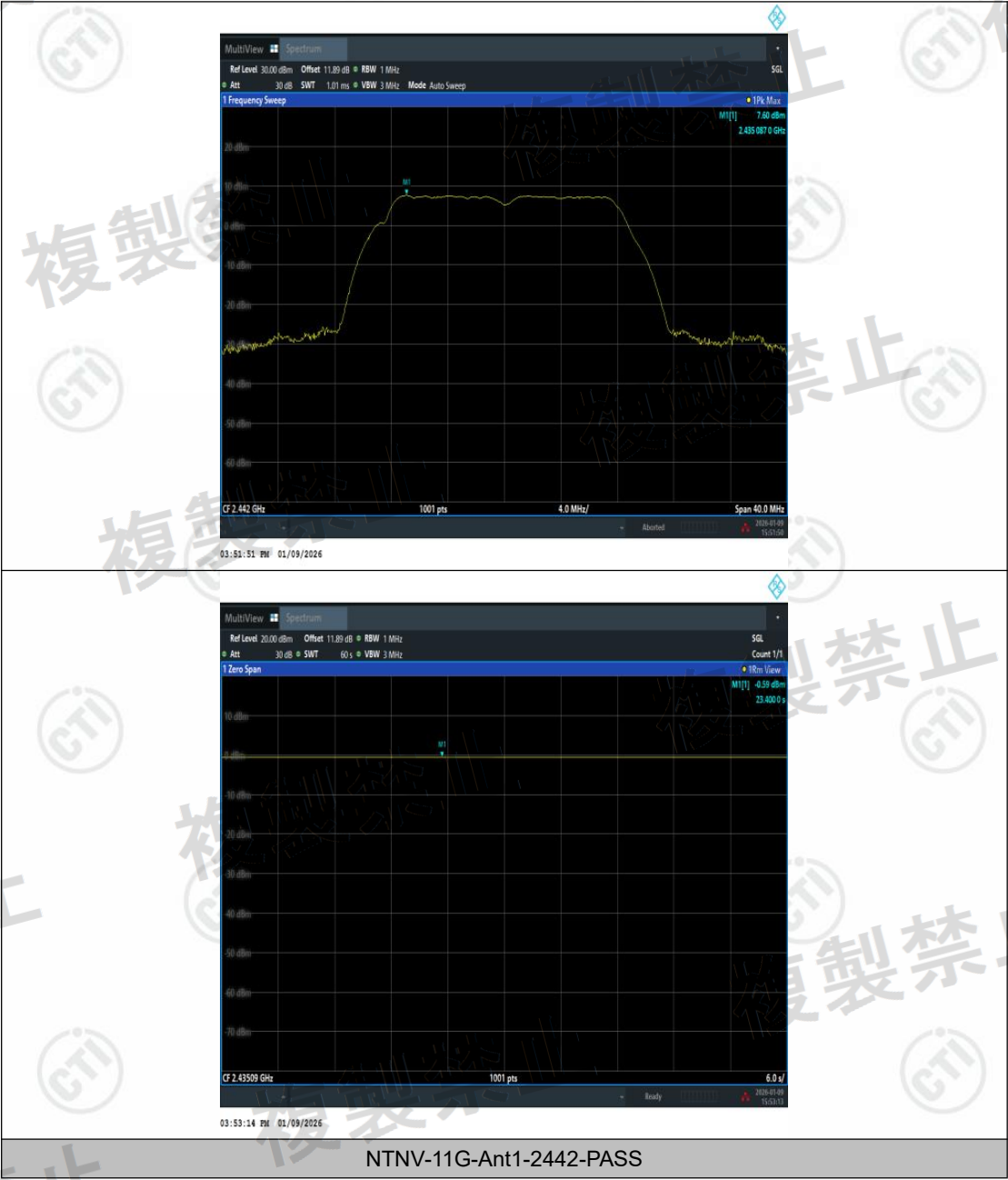


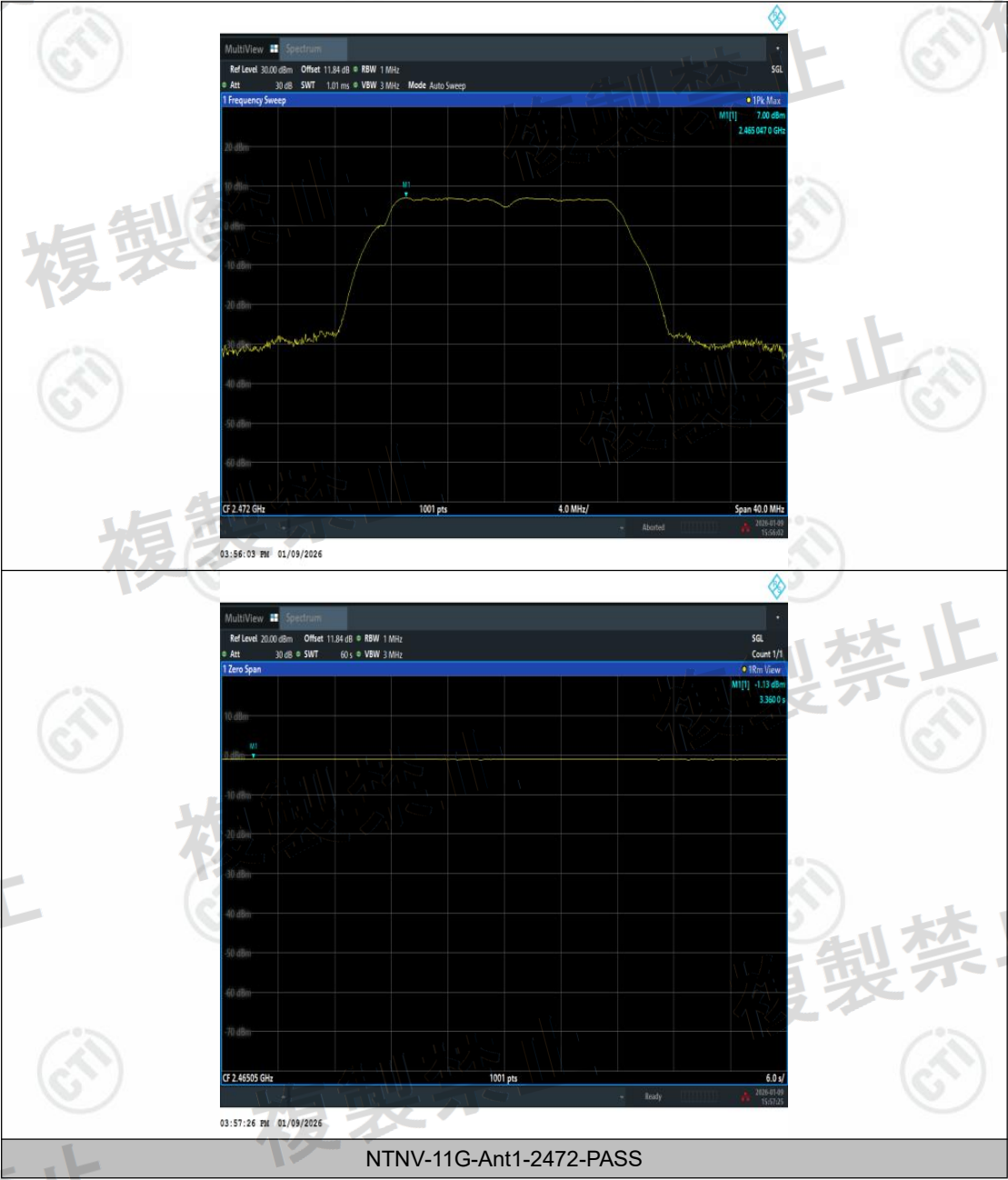


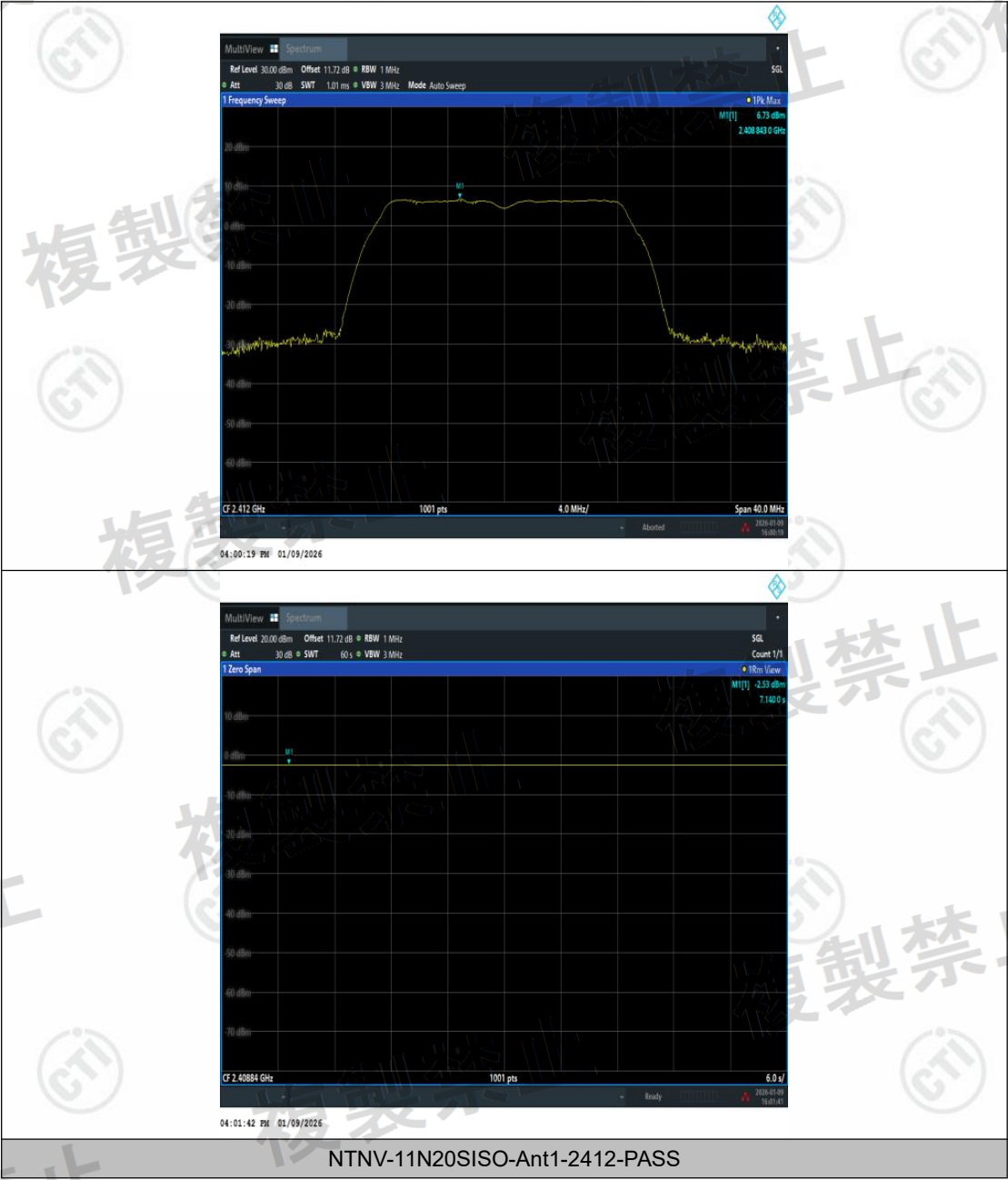


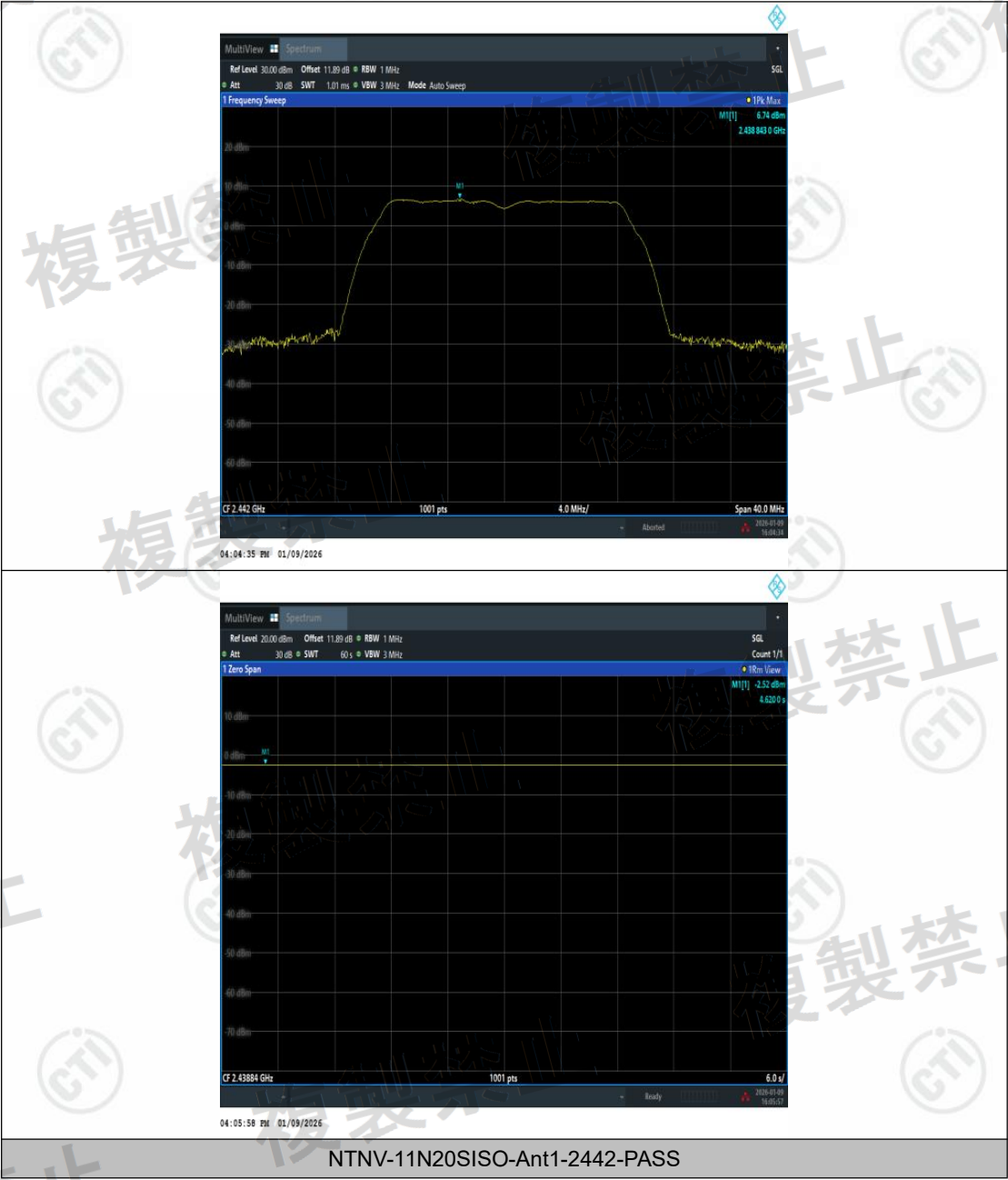


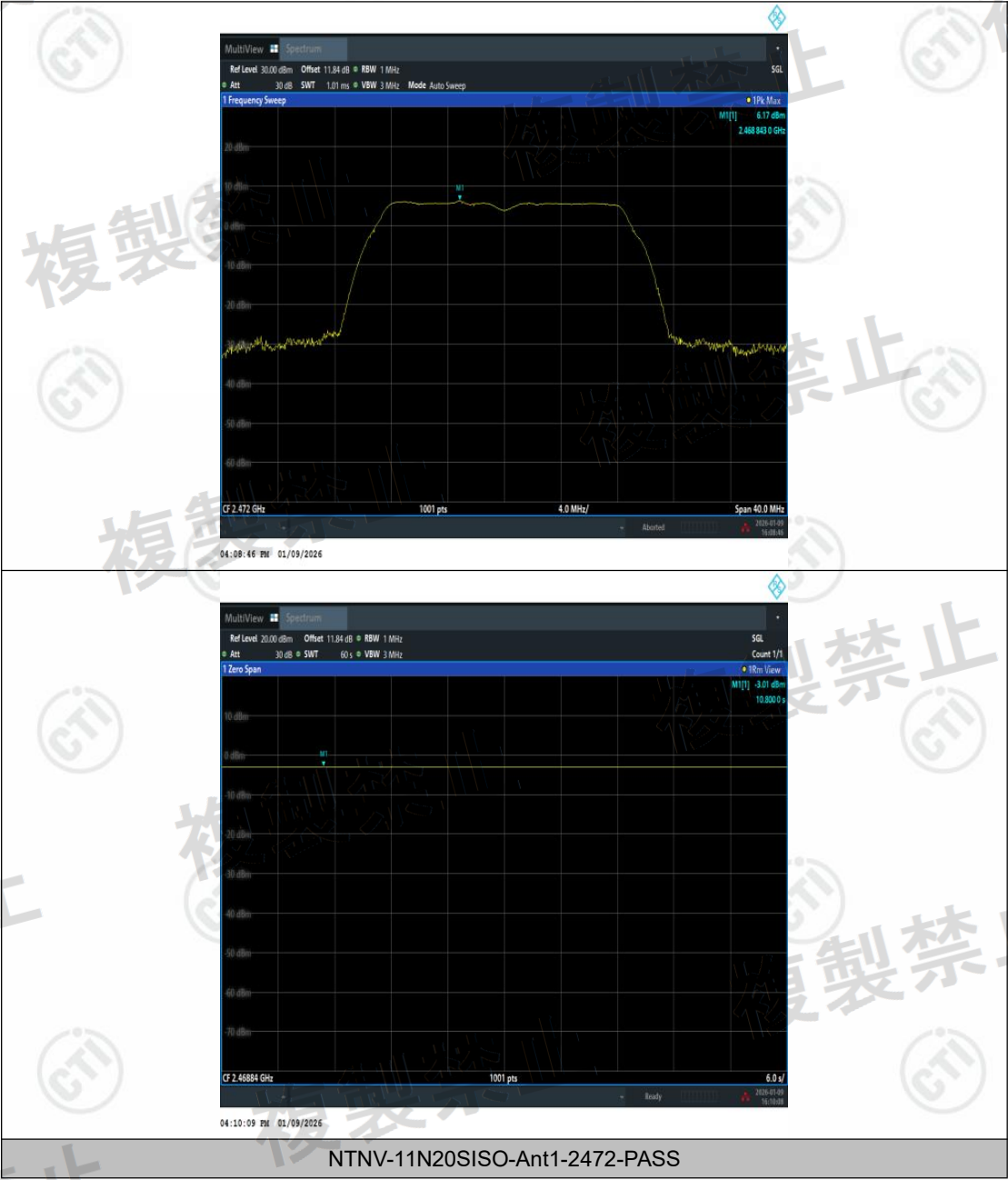
NTNV-11G-Ant1-2412-PASS

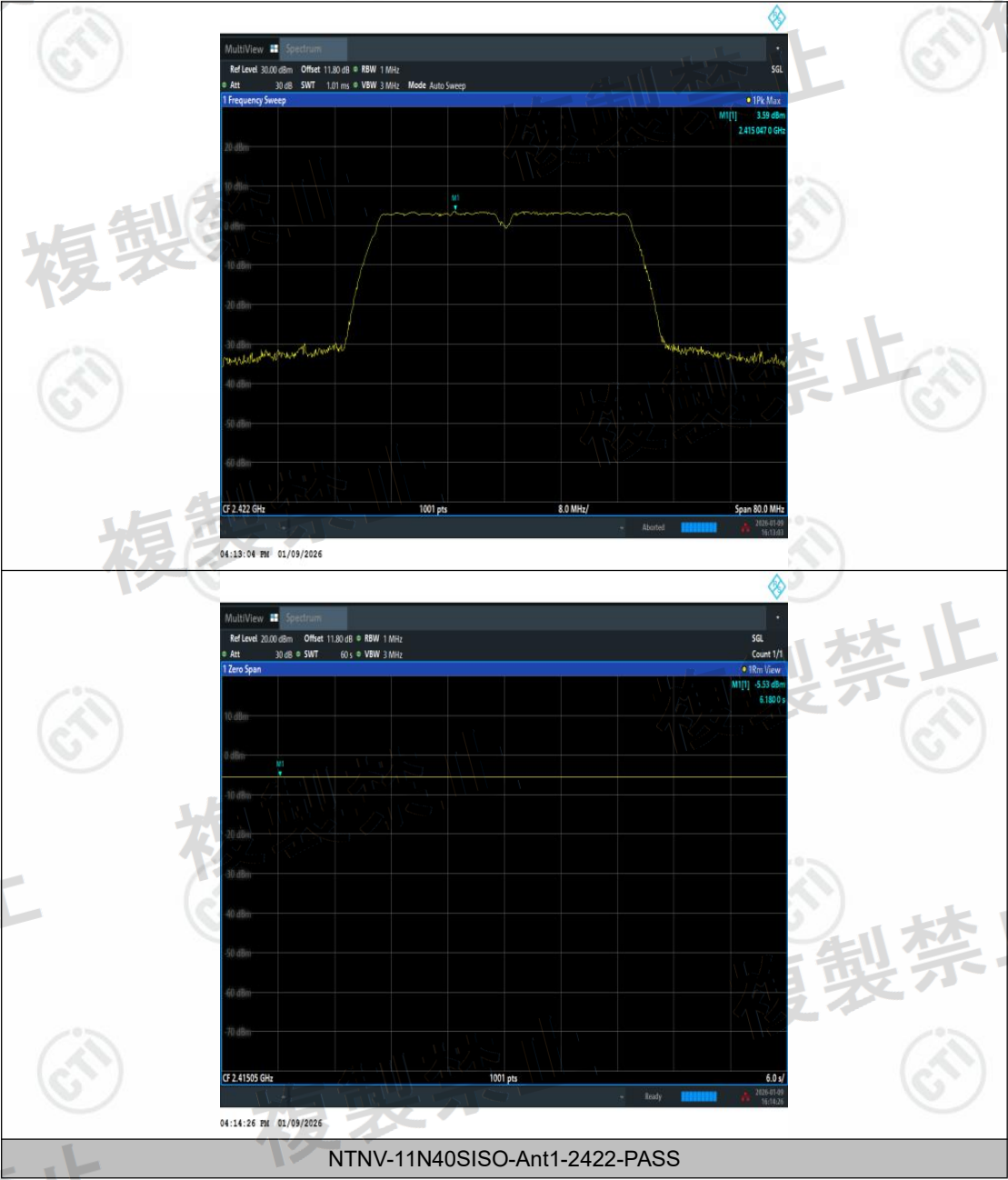


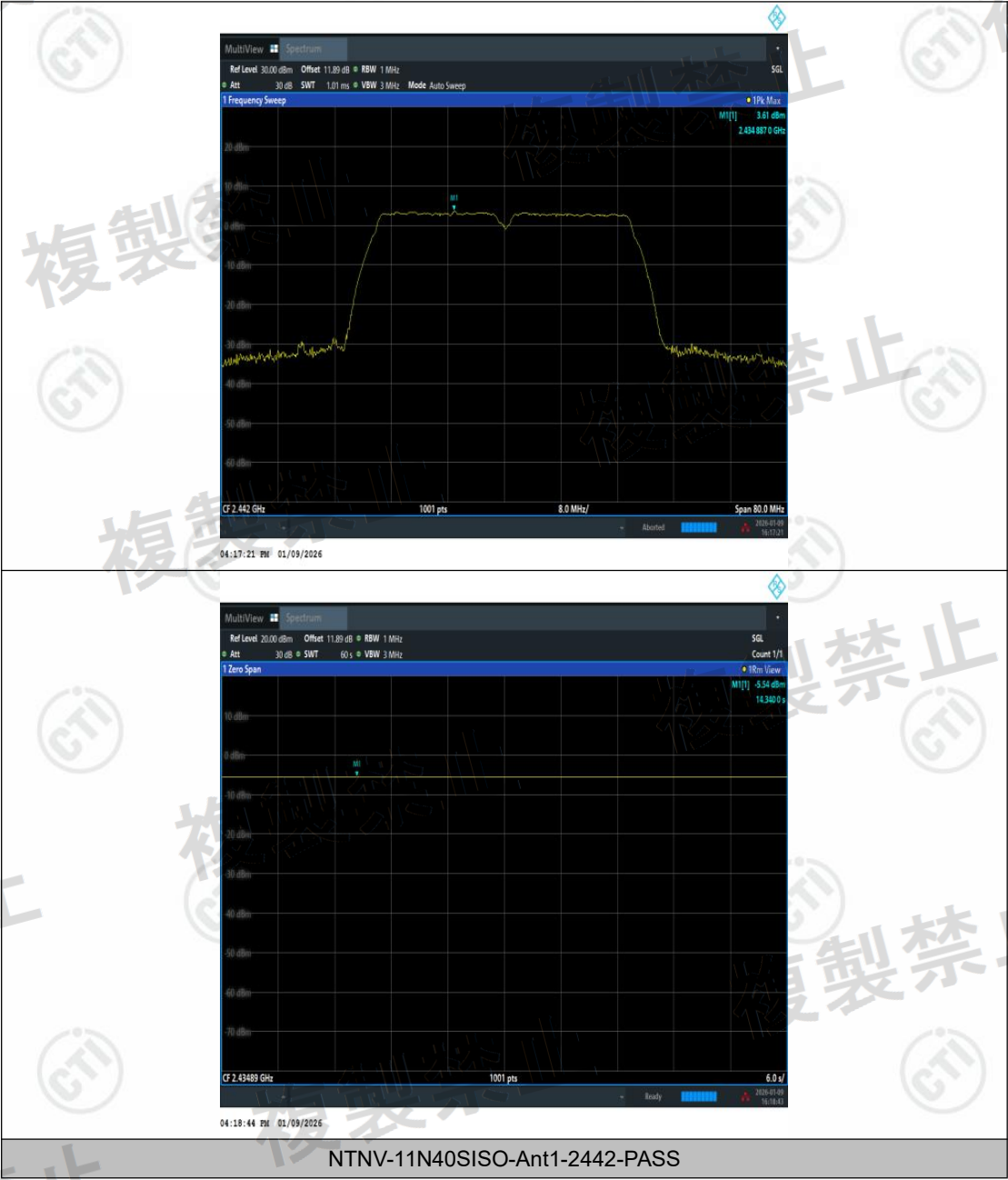










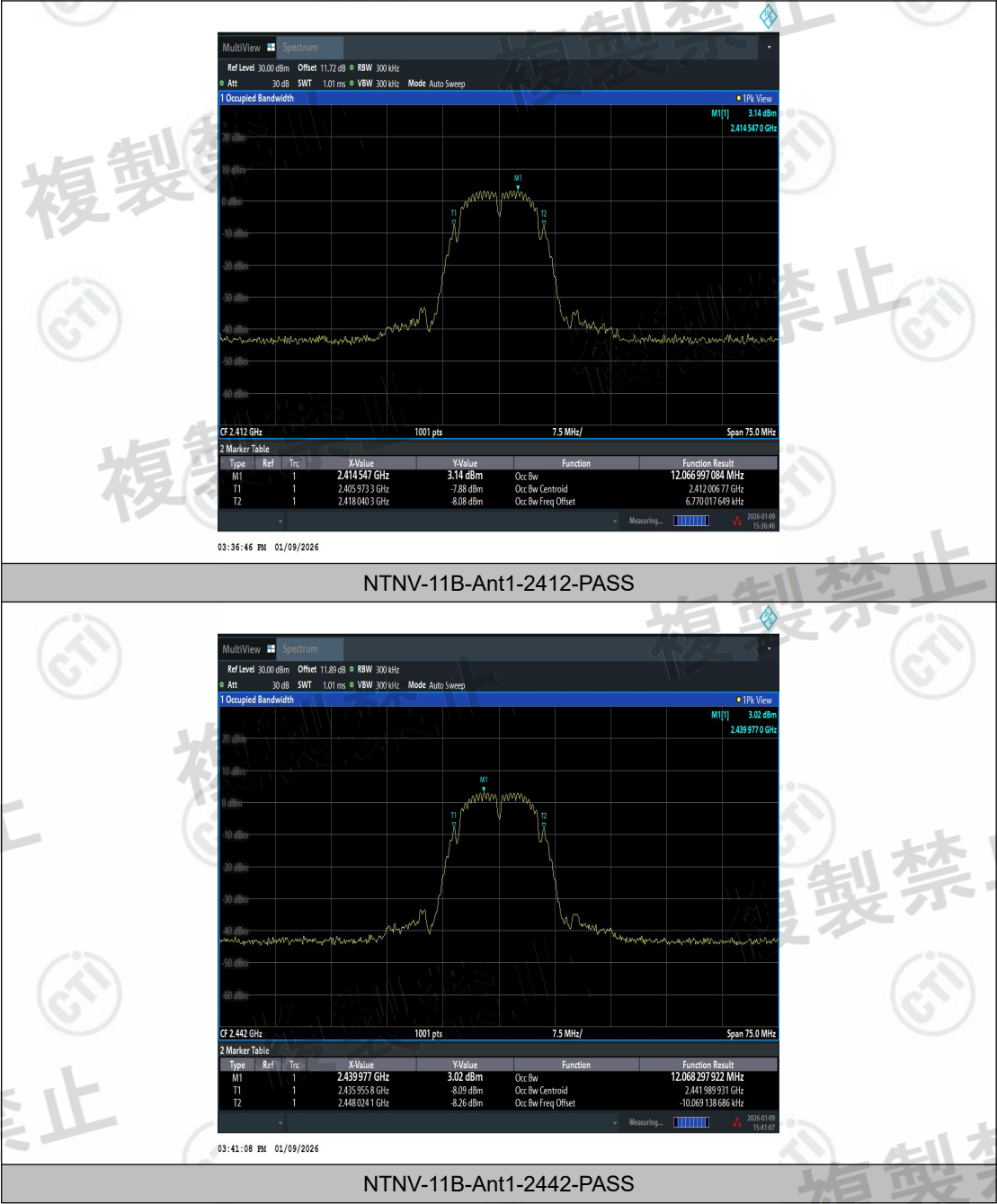


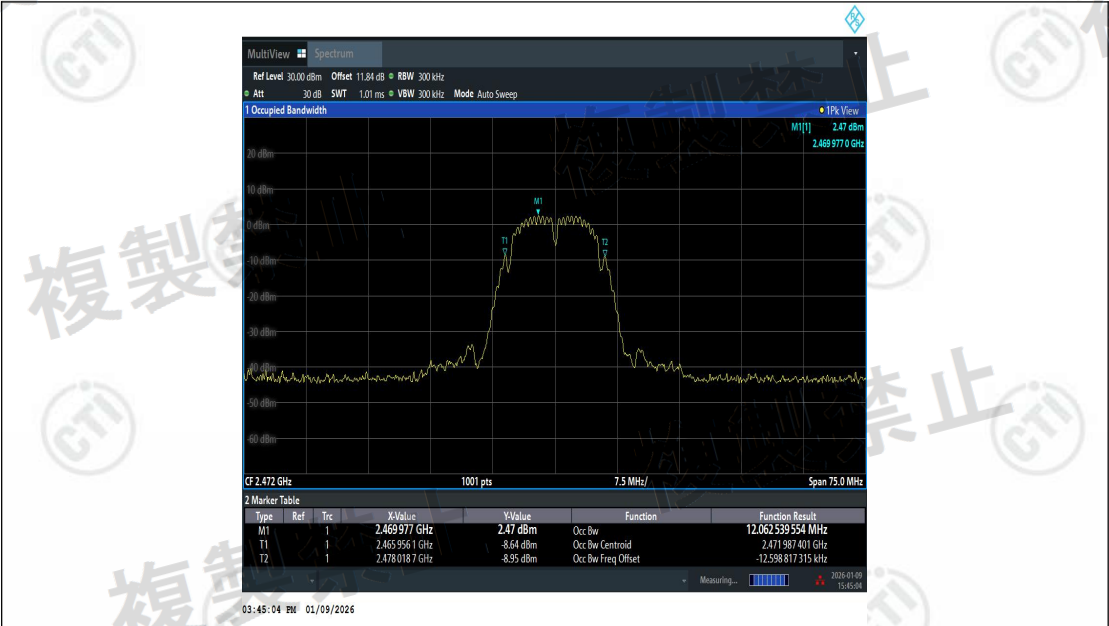


**Appendix C: Occupied Bandwidth****Test Result**

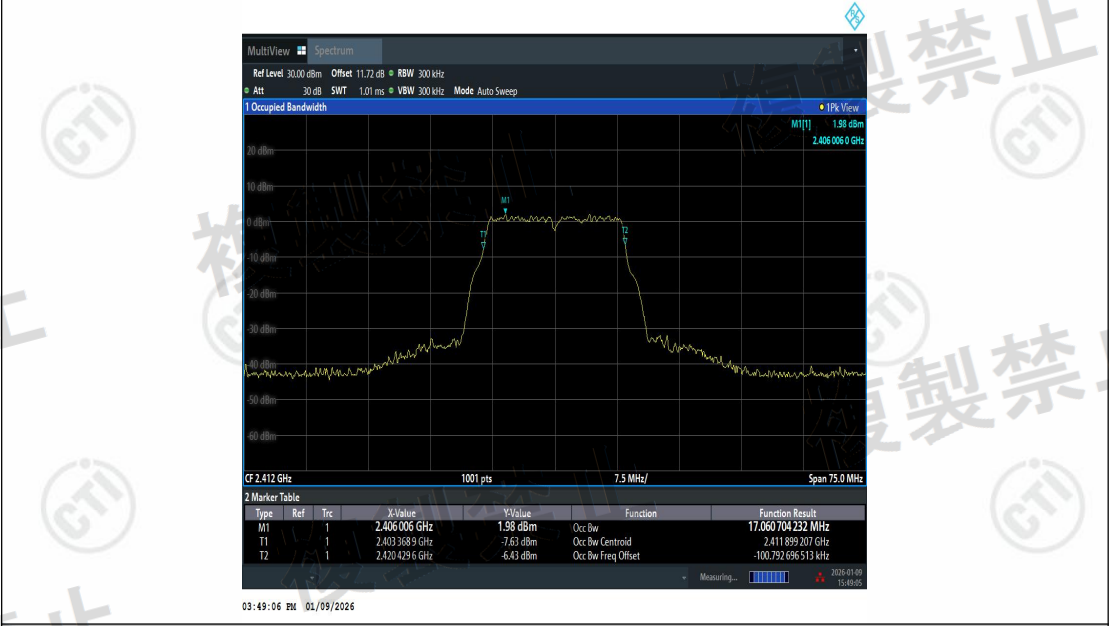
| Test Condition | TestMode  | Antenna | Frequency[MHz] | Result [MHz] | Limit [MHz] | Verdict |
|----------------|-----------|---------|----------------|--------------|-------------|---------|
| NTNV           | 11B       | Ant1    | 2412           | 12.067       | ≤26         | PASS    |
| NTNV           | 11B       | Ant1    | 2442           | 12.068       | ≤26         | PASS    |
| NTNV           | 11B       | Ant1    | 2472           | 12.063       | ≤26         | PASS    |
| NTNV           | 11G       | Ant1    | 2412           | 17.061       | ≤26         | PASS    |
| NTNV           | 11G       | Ant1    | 2442           | 17.053       | ≤26         | PASS    |
| NTNV           | 11G       | Ant1    | 2472           | 17.051       | ≤26         | PASS    |
| NTNV           | 11N20SISO | Ant1    | 2412           | 18.110       | ≤26         | PASS    |
| NTNV           | 11N20SISO | Ant1    | 2442           | 18.106       | ≤26         | PASS    |
| NTNV           | 11N20SISO | Ant1    | 2472           | 18.102       | ≤26         | PASS    |
| NTNV           | 11N40SISO | Ant1    | 2422           | 36.539       | 26-40       | PASS    |
| NTNV           | 11N40SISO | Ant1    | 2442           | 36.557       | 26-40       | PASS    |
| NTNV           | 11N40SISO | Ant1    | 2462           | 36.528       | 26-40       | PASS    |

Test Graphs





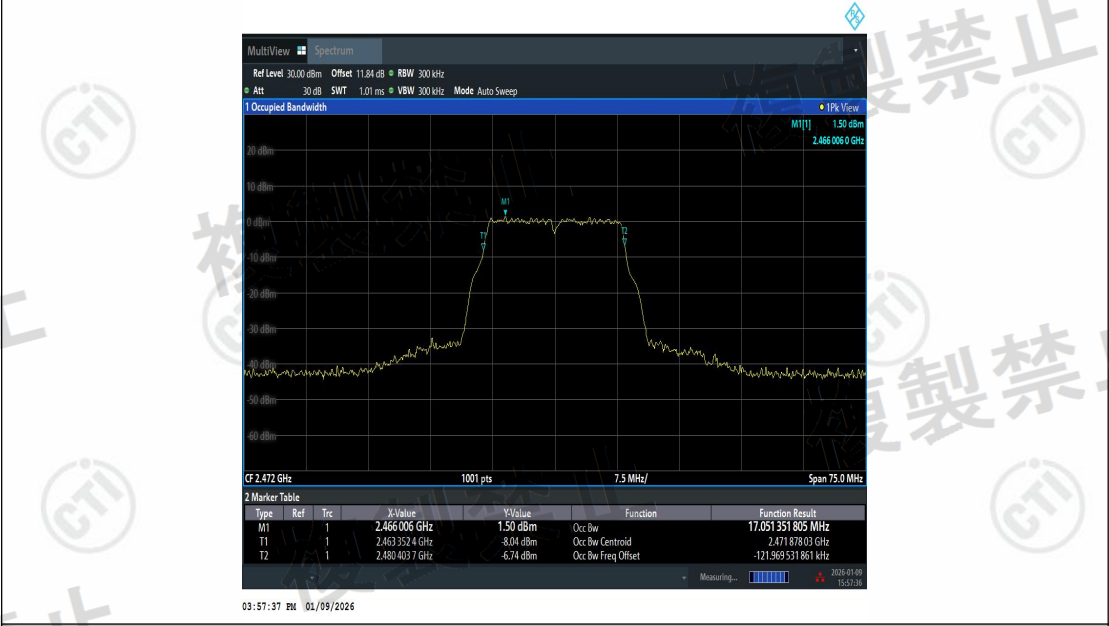
NTNV-11B-Ant1-2472-PASS



NTNV-11G-Ant1-2412-PASS



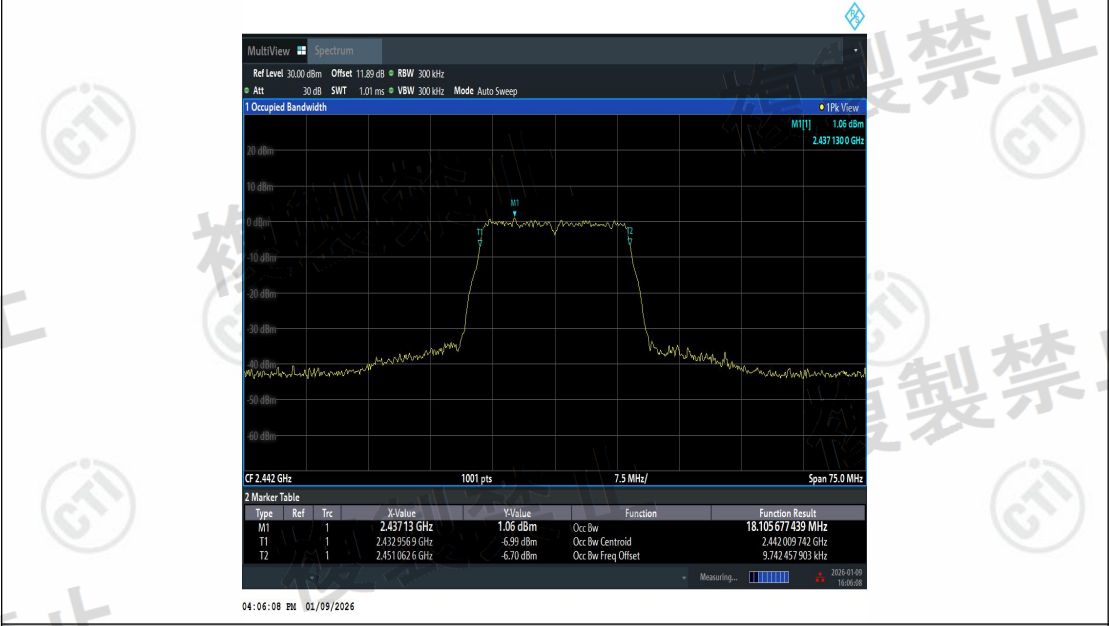
NTNV-11G-Ant1-2442-PASS



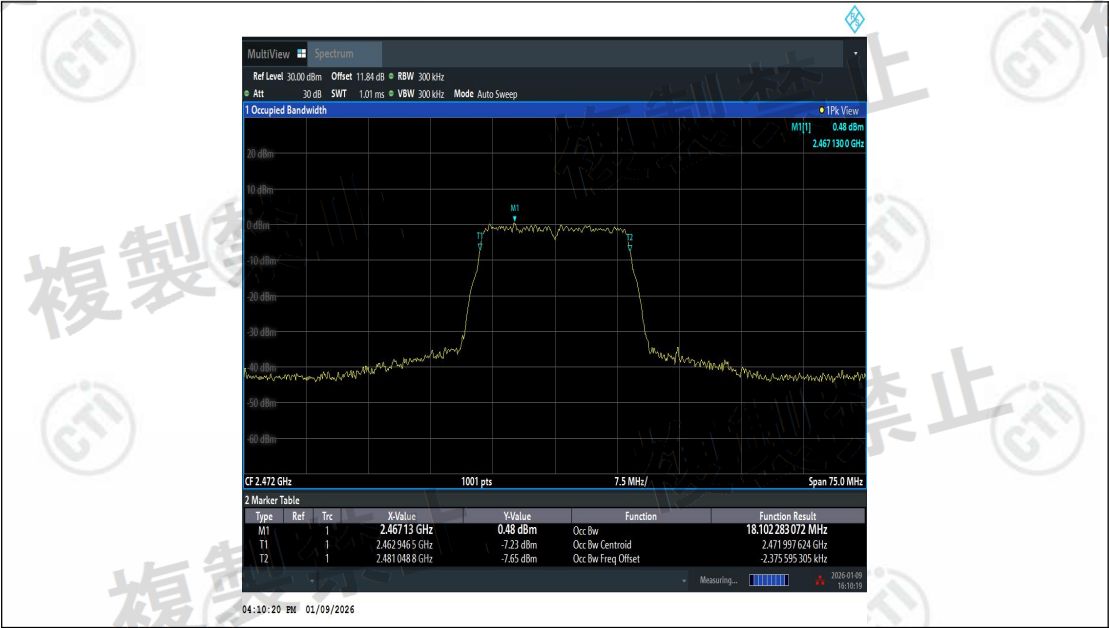
NTNV-11G-Ant1-2472-PASS



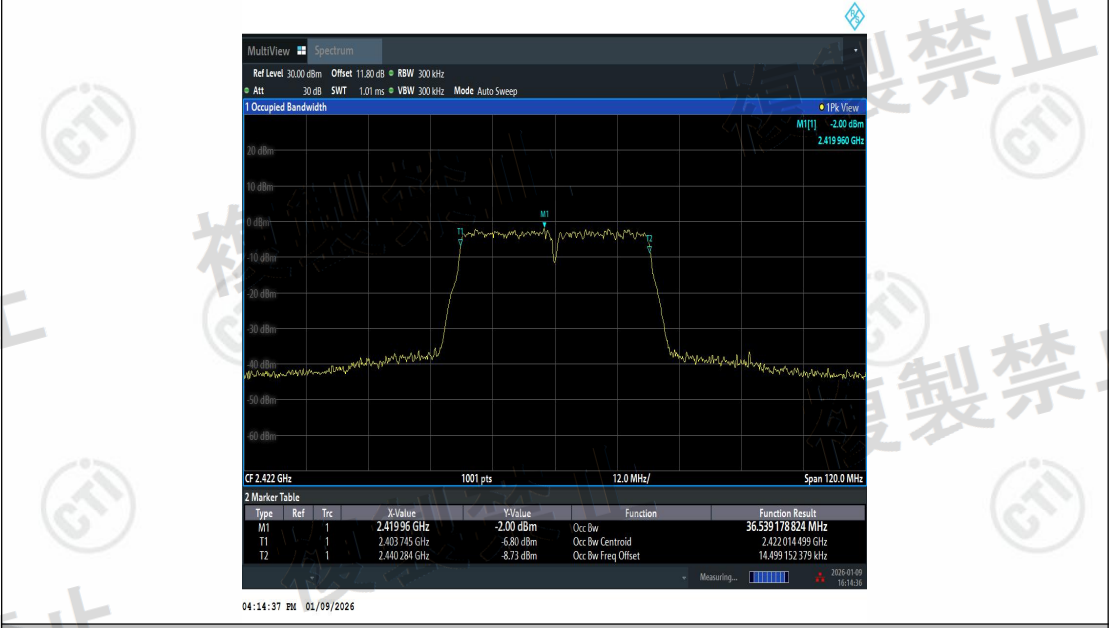
NTNV-11N20SISO-Ant1-2412-PASS



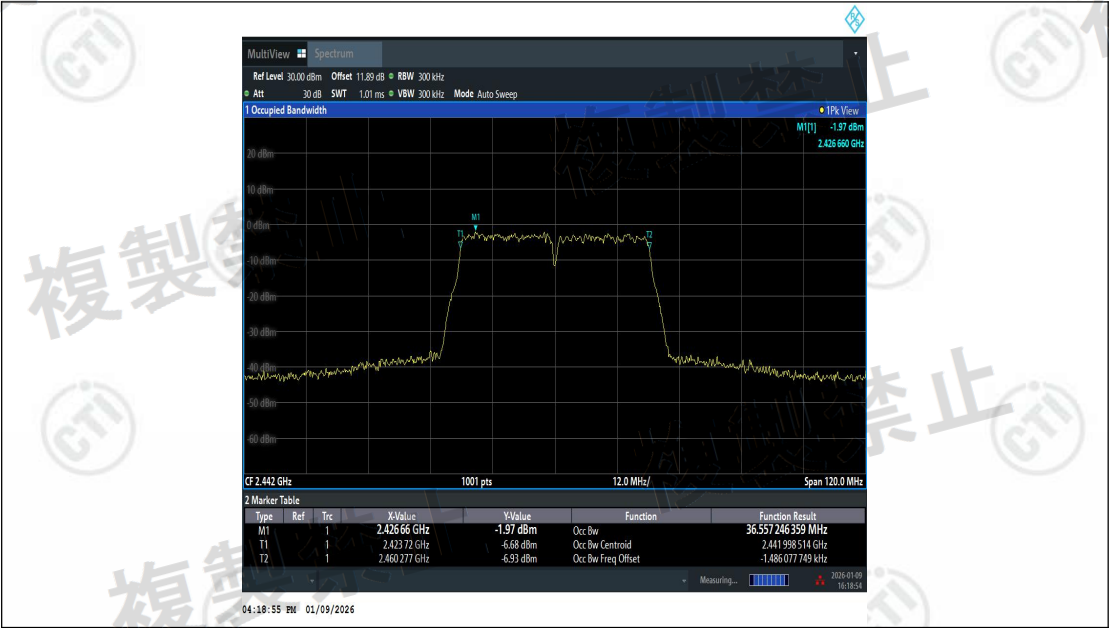
NTNV-11N20SISO-Ant1-2442-PASS



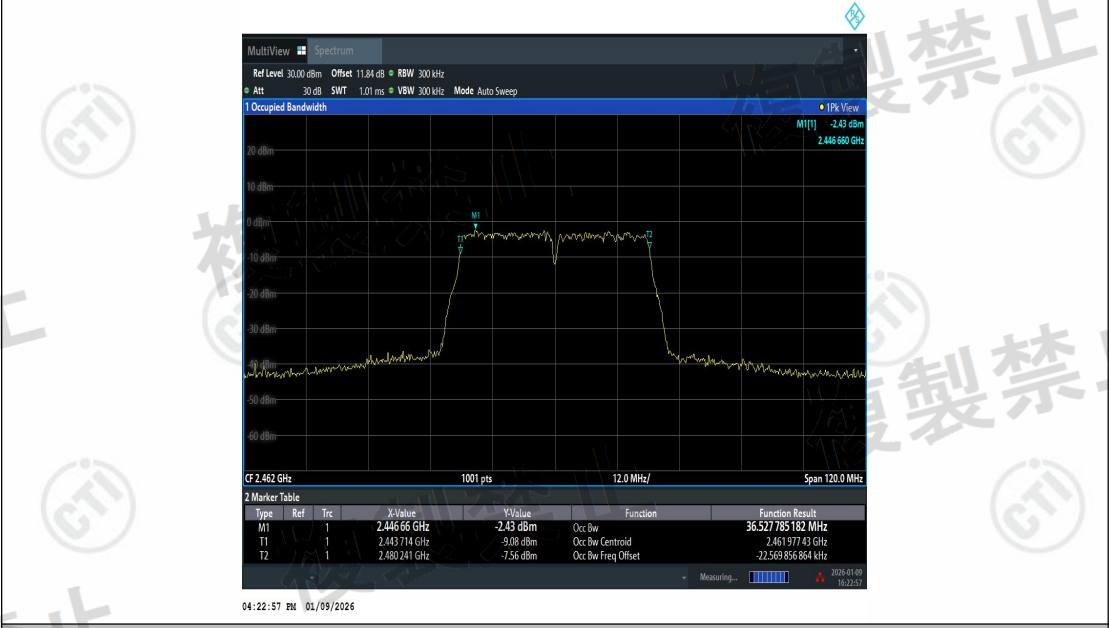
NTNV-11N20SISO-Ant1-2472-PASS



NTNV-11N40SISO-Ant1-2422-PASS



NTNV-11N40SISO-Ant1-2442-PASS



NTNV-11N40SISO-Ant1-2462-PASS

## Appendix D: Unwanted Emission Strength

### Test Result

| TestCon<br>dition | TestMode | Antenna | Frequen<br>cy[MHz] | Freq.Range<br>[MHz] | Result<br>[MHz] | Result<br>[dBm/<br>MHz] | Result<br>[μW/MH<br>z] | Limit<br>[μW/M<br>Hz] | Verdict               |
|-------------------|----------|---------|--------------------|---------------------|-----------------|-------------------------|------------------------|-----------------------|-----------------------|
| NTNV              | 11B      | Ant1    | 2412               | 30~1000             | 720.16          | -57.75                  | 0.00168                | ≤2.5                  | PASS                  |
| NTNV              | 11B      | Ant1    | 2412               | 1000~2387           | 2175.83         | -43.68                  | 0.04285                | ≤2.5                  | PASS                  |
| NTNV              | 11B      | Ant1    | 2412               | 2387~2400           | 2399.95         | -33.79                  | 0.41783                | ≤25                   | PASS                  |
| NTNV              | 11B      | Ant1    | 2412               | 2483.5~2496.5       | 2494.49         | -39.71                  | 0.10691                | ≤25                   | PASS                  |
| NTNV              | 11B      | Ant1    | 2412               | 2496.5~13000        | 4824.08         | -29.73                  | 1.06414                | ≤2.5                  | See<br>table<br>below |
| NTNV              | 11B      | Ant1    | 2442               | 30~1000             | 720.16          | -57.18                  | 0.00191                | ≤2.5                  | PASS                  |
| NTNV              | 11B      | Ant1    | 2442               | 1000~2387           | 2206.34         | -44.31                  | 0.03707                | ≤2.5                  | PASS                  |
| NTNV              | 11B      | Ant1    | 2442               | 2387~2400           | 2399.03         | -38.68                  | 0.13552                | ≤25                   | PASS                  |
| NTNV              | 11B      | Ant1    | 2442               | 2483.5~2496.5       | 2483.85         | -39.65                  | 0.10839                | ≤25                   | PASS                  |
| NTNV              | 11B      | Ant1    | 2442               | 2496.5~13000        | 4883.95         | -29.27                  | 1.18304                | ≤2.5                  | See<br>table<br>below |
| NTNV              | 11B      | Ant1    | 2472               | 30~1000             | 826.13          | -56.46                  | 0.00226                | ≤2.5                  | PASS                  |
| NTNV              | 11B      | Ant1    | 2472               | 1000~2387           | 2236.16         | -43.54                  | 0.04426                | ≤2.5                  | PASS                  |
| NTNV              | 11B      | Ant1    | 2472               | 2387~2400           | 2387.95         | -39.30                  | 0.11749                | ≤25                   | PASS                  |
| NTNV              | 11B      | Ant1    | 2472               | 2483.5~2496.5       | 2483.53         | -33.52                  | 0.44463                | ≤25                   | PASS                  |
| NTNV              | 11B      | Ant1    | 2472               | 2496.5~13000        | 4943.82         | -29.52                  | 1.11686                | ≤2.5                  | See<br>table<br>below |
| NTNV              | 11G      | Ant1    | 2412               | 30~1000             | 797.76          | -55.59                  | 0.00276                | ≤2.5                  | PASS                  |
| NTNV              | 11G      | Ant1    | 2412               | 1000~2387           | 2179.30         | -39.86                  | 0.10328                | ≤2.5                  | PASS                  |
| NTNV              | 11G      | Ant1    | 2412               | 2387~2400           | 2399.34         | -26.81                  | 2.08449                | ≤25                   | PASS                  |
| NTNV              | 11G      | Ant1    | 2412               | 2483.5~2496.5       | 2486.29         | -38.27                  | 0.14894                | ≤25                   | PASS                  |
| NTNV              | 11G      | Ant1    | 2412               | 2496.5~13000        | 4826.7          | -30.39                  | 0.91411                | ≤2.5                  | See<br>table<br>below |
| NTNV              | 11G      | Ant1    | 2442               | 30~1000             | 811.58          | -54.35                  | 0.00367                | ≤2.5                  | PASS                  |
| NTNV              | 11G      | Ant1    | 2442               | 1000~2387           | 2209.81         | -39.23                  | 0.11940                | ≤2.5                  | PASS                  |
| NTNV              | 11G      | Ant1    | 2442               | 2387~2400           | 2395.00         | -37.96                  | 0.15996                | ≤25                   | PASS                  |
| NTNV              | 11G      | Ant1    | 2442               | 2483.5~2496.5       | 2487.43         | -38.35                  | 0.14622                | ≤25                   | PASS                  |
| NTNV              | 11G      | Ant1    | 2442               | 2496.5~13000        | 4880.27         | -31.77                  | 0.66527                | ≤2.5                  | See<br>table          |

|      |           |      |      |               |         |        |         |      |                 |
|------|-----------|------|------|---------------|---------|--------|---------|------|-----------------|
|      |           |      |      |               |         |        |         |      | below           |
| NTNV | 11G       | Ant1 | 2472 | 30~1000       | 821.52  | -54.16 | 0.00384 | ≤2.5 | PASS            |
| NTNV | 11G       | Ant1 | 2472 | 1000~2387     | 2239.63 | -38.38 | 0.14521 | ≤2.5 | PASS            |
| NTNV | 11G       | Ant1 | 2472 | 2387~2400     | 2399.79 | -38.66 | 0.13614 | ≤25  | PASS            |
| NTNV | 11G       | Ant1 | 2472 | 2483.5~2496.5 | 2483.50 | -26.09 | 2.46037 | ≤25  | PASS            |
| NTNV | 11G       | Ant1 | 2472 | 2496.5~13000  | 4946.44 | -28.69 | 1.35207 | ≤2.5 | See table below |
| NTNV | 11N20SISO | Ant1 | 2412 | 30~1000       | 810.37  | -55.91 | 0.00256 | ≤2.5 | PASS            |
| NTNV | 11N20SISO | Ant1 | 2412 | 1000~2387     | 2180.34 | -39.95 | 0.10116 | ≤2.5 | PASS            |
| NTNV | 11N20SISO | Ant1 | 2412 | 2387~2400     | 2399.45 | -26.63 | 2.17270 | ≤25  | PASS            |
| NTNV | 11N20SISO | Ant1 | 2412 | 2483.5~2496.5 | 2485.29 | -39.40 | 0.11482 | ≤25  | PASS            |
| NTNV | 11N20SISO | Ant1 | 2412 | 2496.5~13000  | 4824.08 | -30.67 | 0.85704 | ≤2.5 | See table below |
| NTNV | 11N20SISO | Ant1 | 2442 | 30~1000       | 810.37  | -55.00 | 0.00316 | ≤2.5 | PASS            |
| NTNV | 11N20SISO | Ant1 | 2442 | 1000~2387     | 2209.81 | -38.98 | 0.12647 | ≤2.5 | PASS            |
| NTNV | 11N20SISO | Ant1 | 2442 | 2387~2400     | 2394.18 | -38.66 | 0.13614 | ≤25  | PASS            |
| NTNV | 11N20SISO | Ant1 | 2442 | 2483.5~2496.5 | 2484.06 | -38.31 | 0.14757 | ≤25  | PASS            |
| NTNV | 11N20SISO | Ant1 | 2442 | 2496.5~13000  | 4883.95 | -30.21 | 0.95280 | ≤2.5 | See table below |
| NTNV | 11N20SISO | Ant1 | 2472 | 30~1000       | 831.46  | -54.72 | 0.00337 | ≤2.5 | PASS            |
| NTNV | 11N20SISO | Ant1 | 2472 | 1000~2387     | 2239.98 | -38.20 | 0.15136 | ≤2.5 | PASS            |
| NTNV | 11N20SISO | Ant1 | 2472 | 2387~2400     | 2394.47 | -39.45 | 0.11350 | ≤25  | PASS            |
| NTNV | 11N20SISO | Ant1 | 2472 | 2483.5~2496.5 | 2483.5  | -25.71 | 2.68534 | ≤25  | See table below |
| NTNV | 11N20SISO | Ant1 | 2472 | 2496.5~13000  | 4939.61 | -37.92 | 0.16144 | ≤2.5 | PASS            |
| NTNV | 11N40SISO | Ant1 | 2422 | 30~1000       | 30.00   | -52.41 | 0.00574 | ≤2.5 | PASS            |
| NTNV | 11N40SISO | Ant1 | 2422 | 1000~2387     | 2199.06 | -33.82 | 0.41495 | ≤2.5 | See table below |
| NTNV | 11N40SISO | Ant1 | 2422 | 2387~2400     | 2399.99 | -31.15 | 0.76736 | ≤25  | PASS            |
| NTNV | 11N40SISO | Ant1 | 2422 | 2483.5~2496.5 | 2484.36 | -40.56 | 0.08790 | ≤25  | PASS            |
| NTNV | 11N40SISO | Ant1 | 2422 | 2496.5~13000  | 4844.03 | -40.40 | 0.09120 | ≤2.5 | PASS            |
| NTNV | 11N40SISO | Ant1 | 2442 | 30~1000       | 30.00   | -50.82 | 0.00828 | ≤2.5 | PASS            |
| NTNV | 11N40SISO | Ant1 | 2442 | 1000~2387     | 2219.17 | -33.33 | 0.46452 | ≤2.5 | See table below |

|      |           |      |      |               |         |        |         |      |                 |
|------|-----------|------|------|---------------|---------|--------|---------|------|-----------------|
| NTNV | 11N40SISO | Ant1 | 2442 | 2387~2400     | 2398.95 | -38.62 | 0.13740 | ≤25  | PASS            |
| NTNV | 11N40SISO | Ant1 | 2442 | 2483.5~2496.5 | 2483.91 | -39.59 | 0.10990 | ≤25  | PASS            |
| NTNV | 11N40SISO | Ant1 | 2442 | 2496.5~13000  | 2665.08 | -40.68 | 0.08551 | ≤2.5 | PASS            |
| NTNV | 11N40SISO | Ant1 | 2462 | 30~1000       | 259.89  | -50.87 | 0.00818 | ≤2.5 | PASS            |
| NTNV | 11N40SISO | Ant1 | 2462 | 1000~2387     | 2239.28 | -33.08 | 0.49204 | ≤2.5 | See table below |
| NTNV | 11N40SISO | Ant1 | 2462 | 2387~2400     | 2388.05 | -40.31 | 0.09311 | ≤25  | PASS            |
| NTNV | 11N40SISO | Ant1 | 2462 | 2483.5~2496.5 | 2483.55 | -29.76 | 1.05682 | ≤25  | PASS            |
| NTNV | 11N40SISO | Ant1 | 2462 | 2496.5~13000  | 2684.51 | -41.12 | 0.07727 | ≤2.5 | PASS            |

## Test Result\_Step2

| Test Condition | TestMode  | Antenna | Frequency [MHz] | Freq. [MHz]   | Result [dBm/MHz] | Result [μW/MHz] | Limit [μW/MHz] | Verdict |
|----------------|-----------|---------|-----------------|---------------|------------------|-----------------|----------------|---------|
| NTNV           | 11B       | Ant1    | 2412            | 2496.5~13000  | -37.57           | 0.17498         | ≤2.5           | PASS    |
| NTNV           | 11B       | Ant1    | 2442            | 2496.5~13000  | -37.63           | 0.17258         | ≤2.5           | PASS    |
| NTNV           | 11B       | Ant1    | 2472            | 2496.5~13000  | -37.76           | 0.16749         | ≤2.5           | PASS    |
| NTNV           | 11G       | Ant1    | 2412            | 2496.5~13000  | -41.74           | 0.06699         | ≤2.5           | PASS    |
| NTNV           | 11G       | Ant1    | 2412            | 2496.5~13000  | -45.83           | 0.02612         | ≤2.5           | PASS    |
| NTNV           | 11G       | Ant1    | 2442            | 2496.5~13000  | -41.97           | 0.06353         | ≤2.5           | PASS    |
| NTNV           | 11G       | Ant1    | 2442            | 2496.5~13000  | -45.63           | 0.02735         | ≤2.5           | PASS    |
| NTNV           | 11G       | Ant1    | 2472            | 2496.5~13000  | -42.34           | 0.05834         | ≤2.5           | PASS    |
| NTNV           | 11G       | Ant1    | 2472            | 2496.5~13000  | -46.42           | 0.02280         | ≤2.5           | PASS    |
| NTNV           | 11N20SISO | Ant1    | 2412            | 2496.5~13000  | -41.67           | 0.06808         | ≤2.5           | PASS    |
| NTNV           | 11N20SISO | Ant1    | 2412            | 2496.5~13000  | -48.65           | 0.01365         | ≤2.5           | PASS    |
| NTNV           | 11N20SISO | Ant1    | 2442            | 2496.5~13000  | -41.95           | 0.06383         | ≤2.5           | PASS    |
| NTNV           | 11N20SISO | Ant1    | 2442            | 2496.5~13000  | -48.07           | 0.01560         | ≤2.5           | PASS    |
| NTNV           | 11N20SISO | Ant1    | 2472            | 2483.5~2496.5 | -46.73           | 0.02123         | ≤25            | PASS    |
| NTNV           | 11N40SISO | Ant1    | 2422            | 1000~2387     | -48.54           | 0.01400         | ≤2.5           | PASS    |
| NTNV           | 11N40SISO | Ant1    | 2422            | 1000~2387     | -51.61           | 0.00690         | ≤2.5           | PASS    |
| NTNV           | 11N40SISO | Ant1    | 2442            | 1000~2387     | -48.12           | 0.01542         | ≤2.5           | PASS    |
| NTNV           | 11N40SISO | Ant1    | 2462            | 1000~2387     | -47.76           | 0.01675         | ≤2.5           | PASS    |

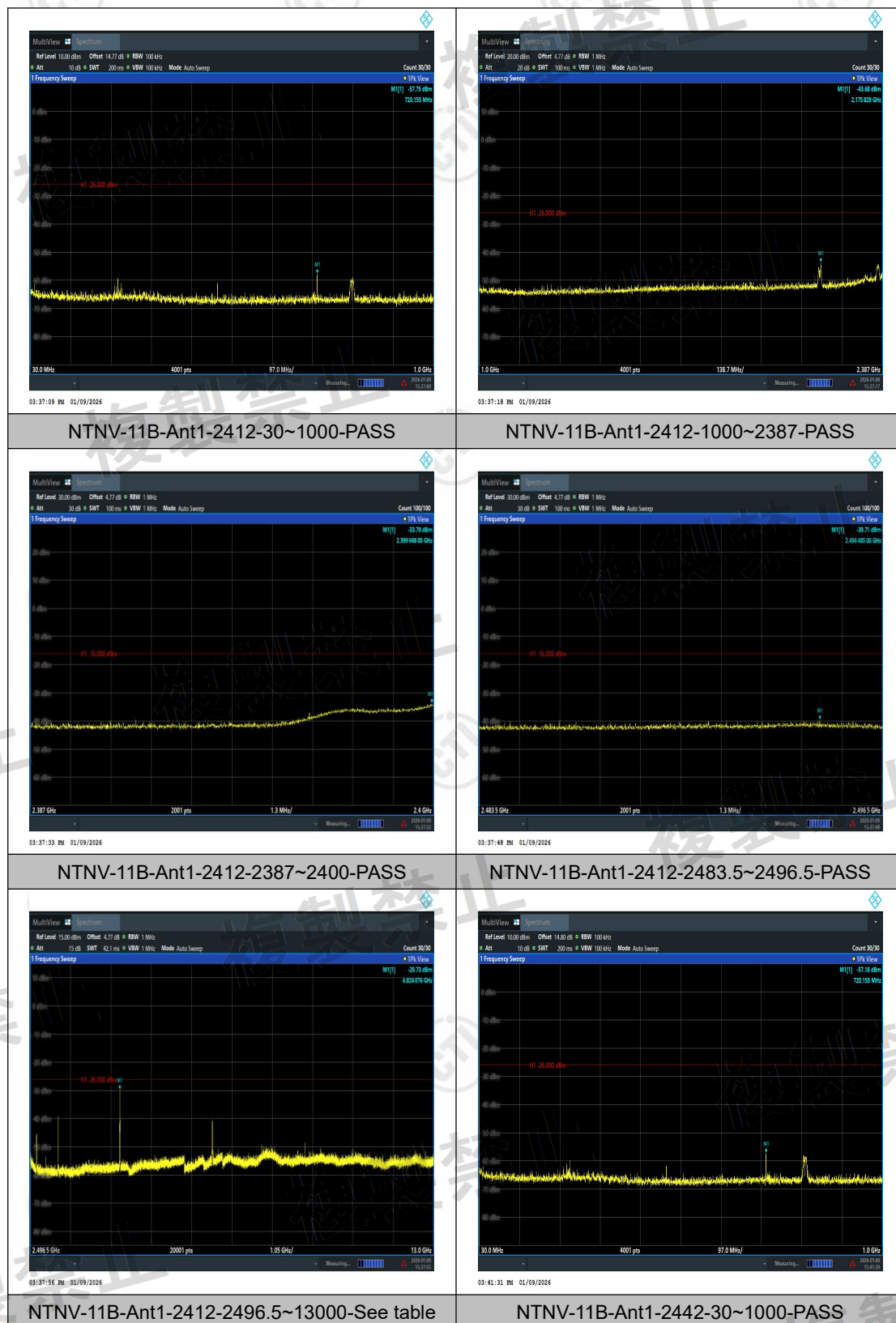
Note:

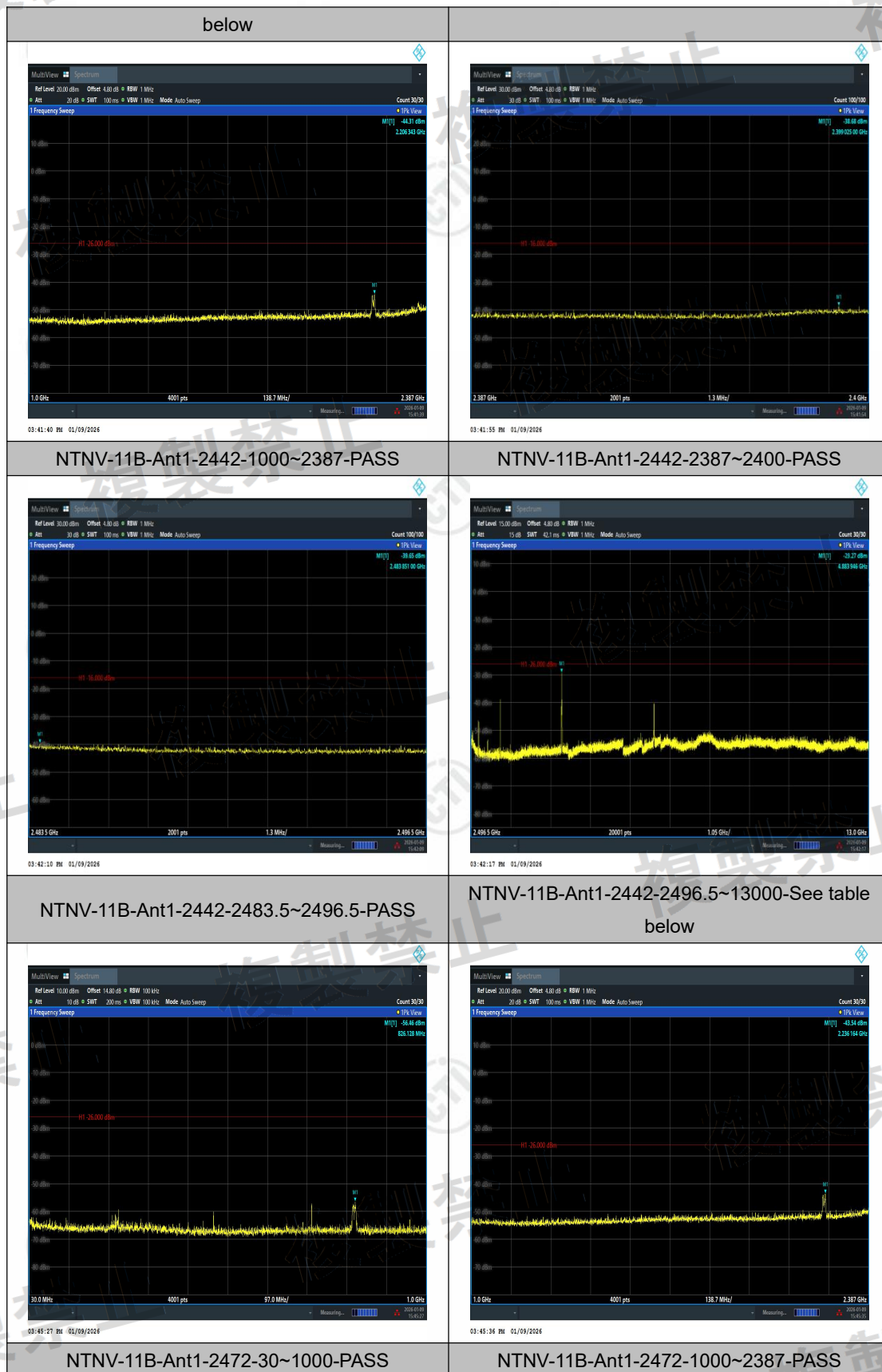
$\text{dBm}/1\text{MHz} = \text{dBm}/100\text{kHz} + 10 \times \log_{10} (1\text{MHz}/100\text{kHz})$

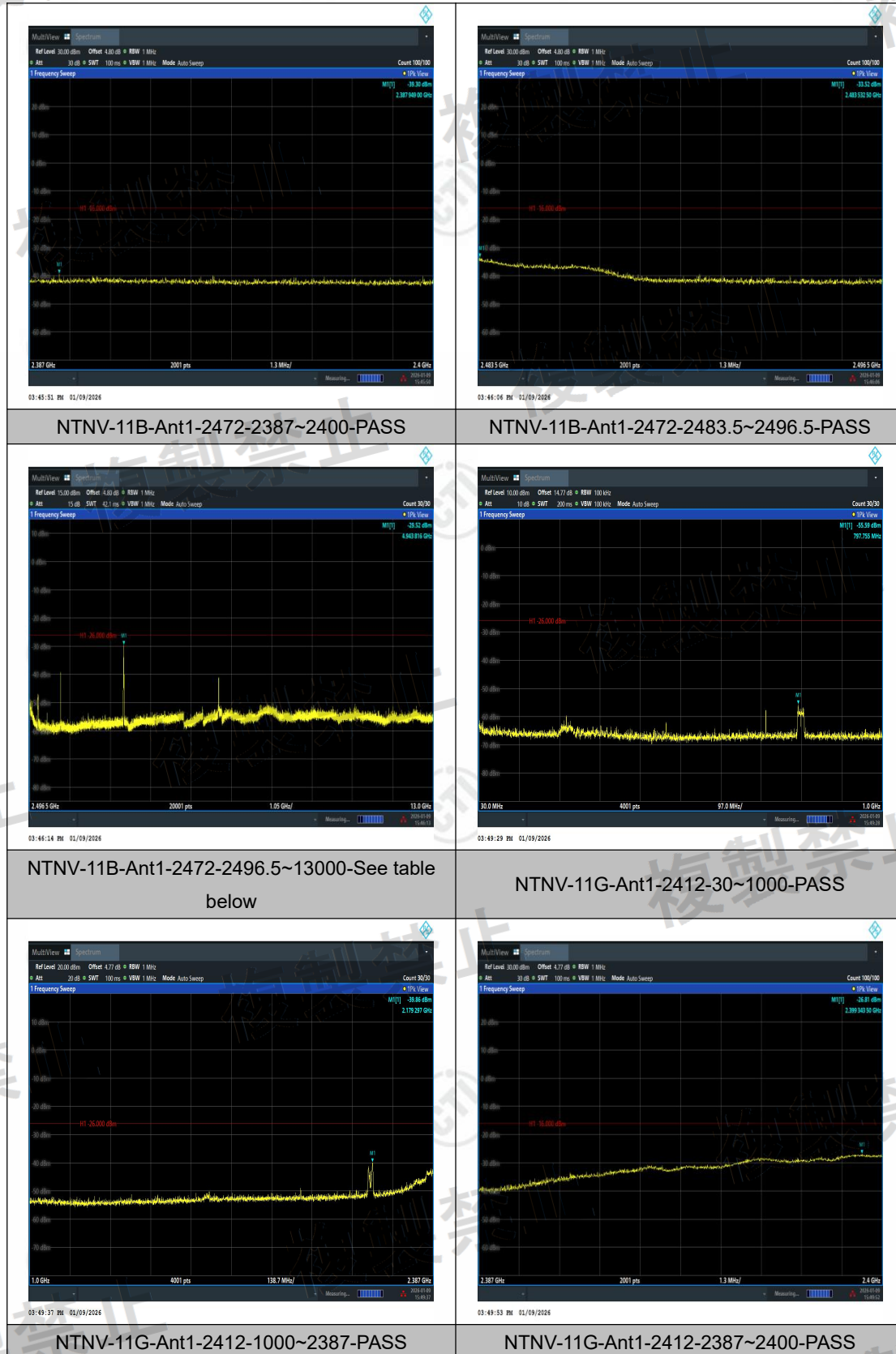
$\text{dBm}/1\text{MHz} = \text{dBm}/100\text{kHz} + 10$

During the 30M-1000M testing process, a 10 dB factor was added for the test.

## Test Graphs



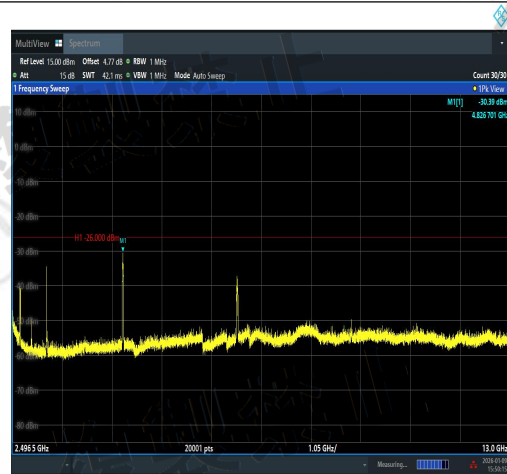






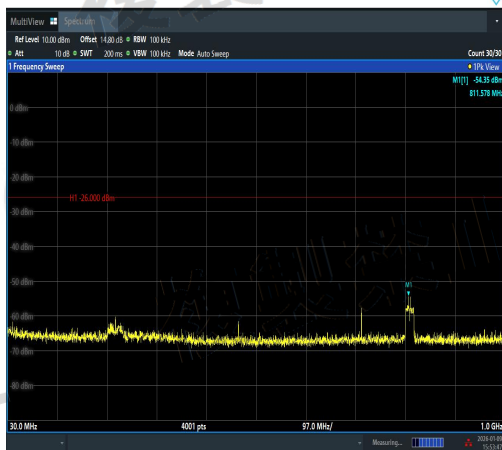
03:50:08 PM 01/09/2026

NTNV-11G-Ant1-2412-2483.5~2496.5-PASS



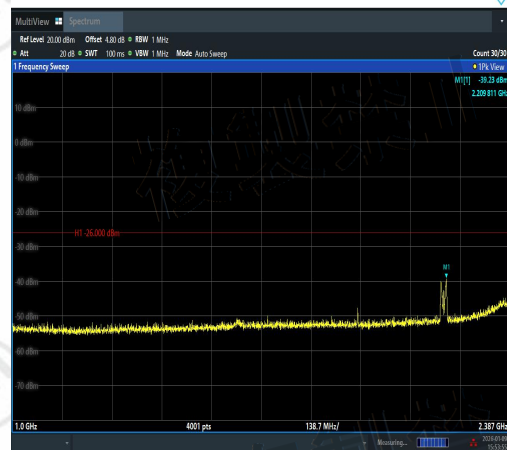
03:50:15 PM 01/09/2026

NTNV-11G-Ant1-2412-2496.5~13000-See table below



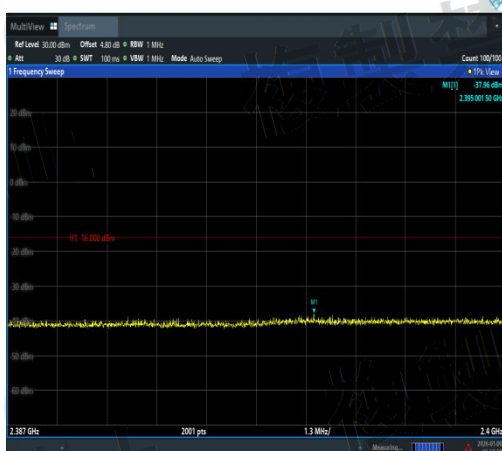
03:53:47 PM 01/09/2026

NTNV-11G-Ant1-2442-30~1000-PASS



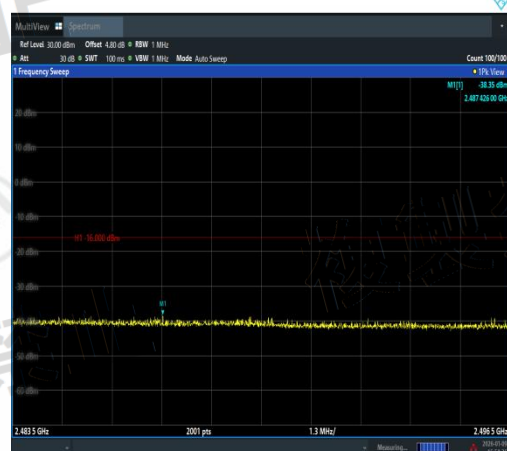
03:53:56 PM 01/09/2026

NTNV-11G-Ant1-2442-1000~2387-PASS



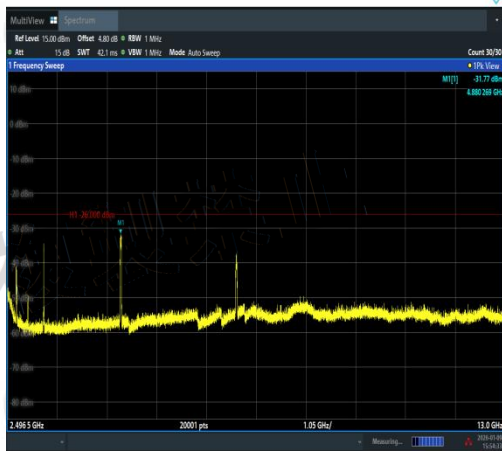
03:54:11 PM 01/09/2026

NTNV-11G-Ant1-2442-2387~2400-PASS



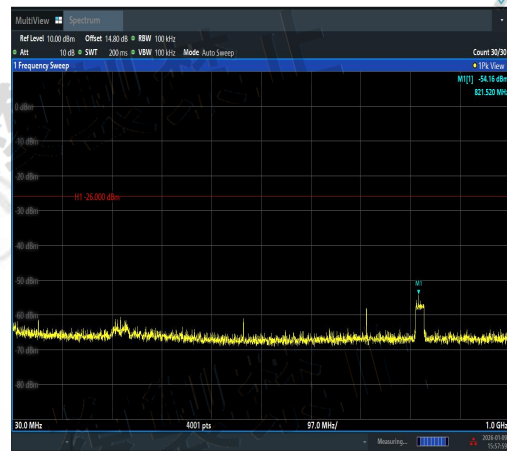
03:54:26 PM 01/09/2026

NTNV-11G-Ant1-2442-2483.5~2496.5-PASS



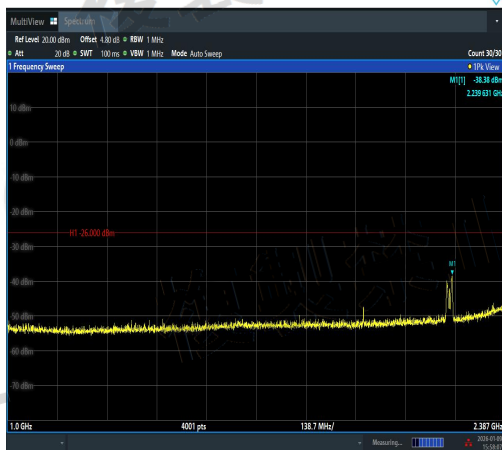
03:54:34 PM 01/09/2026

NTNV-11G-Ant1-2442-2496.5~13000-See table below



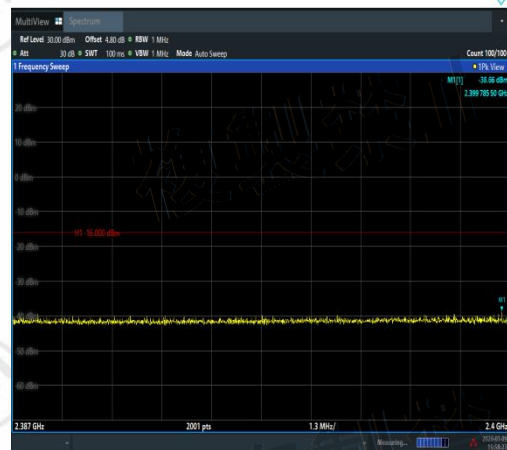
03:57:59 PM 01/09/2026

NTNV-11G-Ant1-2472-30~1000-PASS



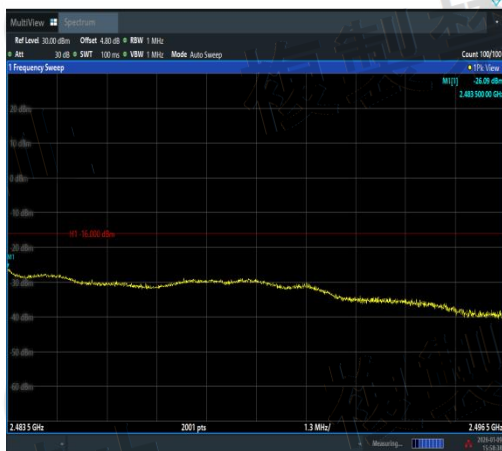
03:58:08 PM 01/09/2026

NTNV-11G-Ant1-2472-1000~2387-PASS



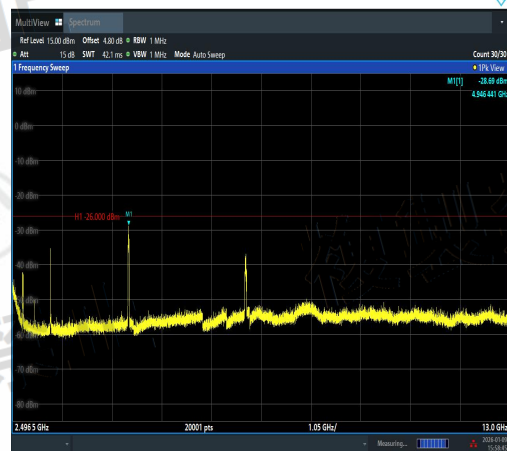
03:58:23 PM 01/09/2026

NTNV-11G-Ant1-2472-2387~2400-PASS



03:58:39 PM 01/09/2026

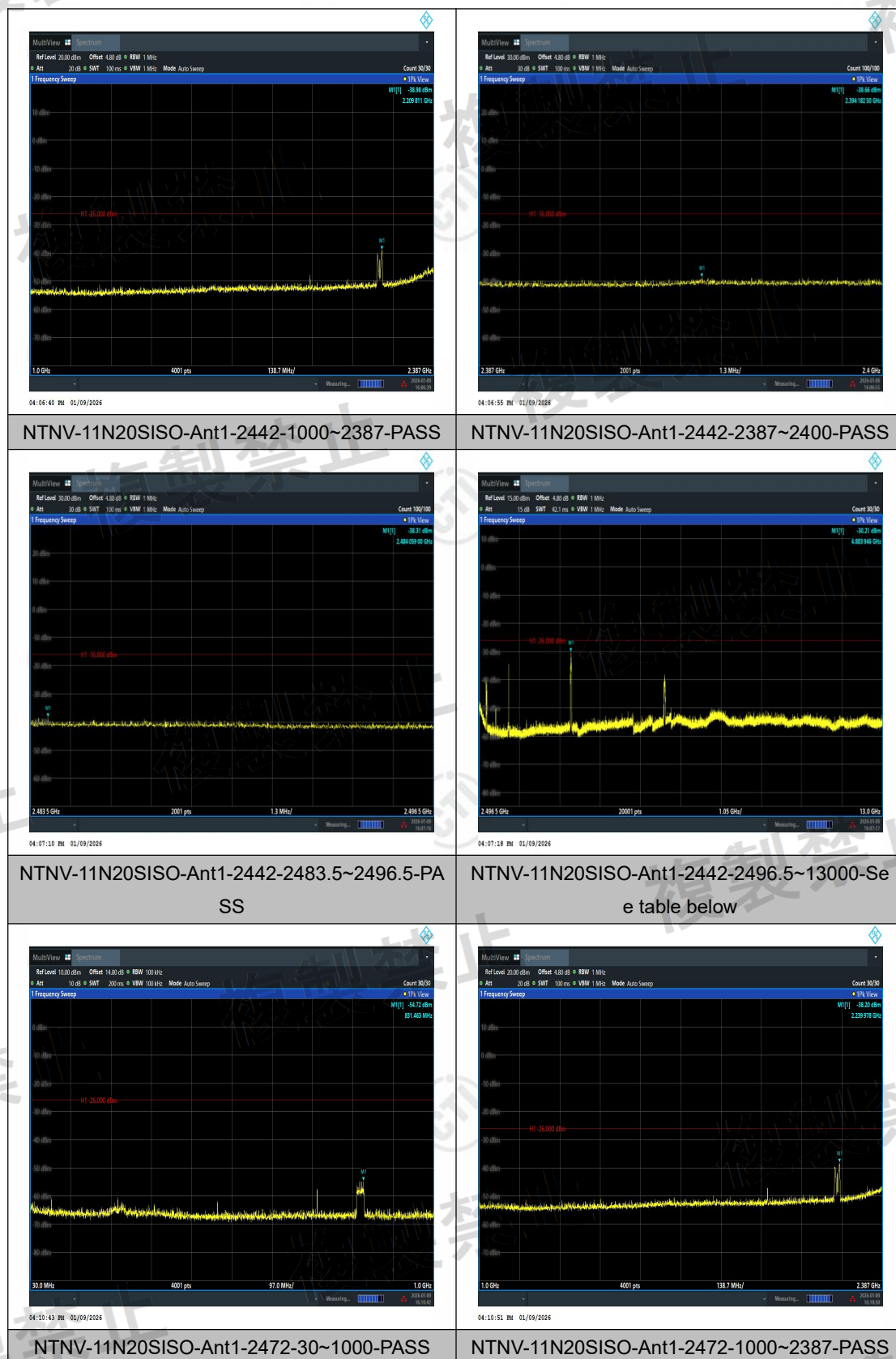
NTNV-11G-Ant1-2472-2483.5~2496.5-PASS

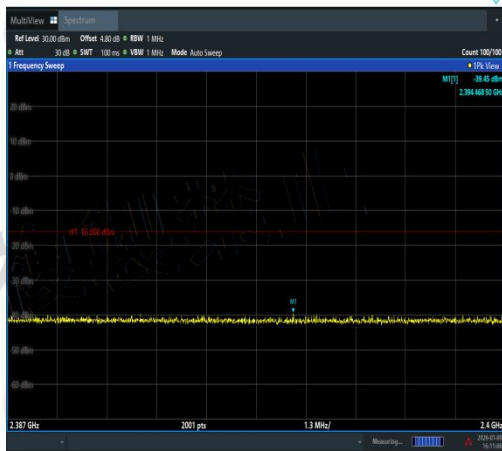


03:58:46 PM 01/09/2026

NTNV-11G-Ant1-2472-2496.5~13000-See table below

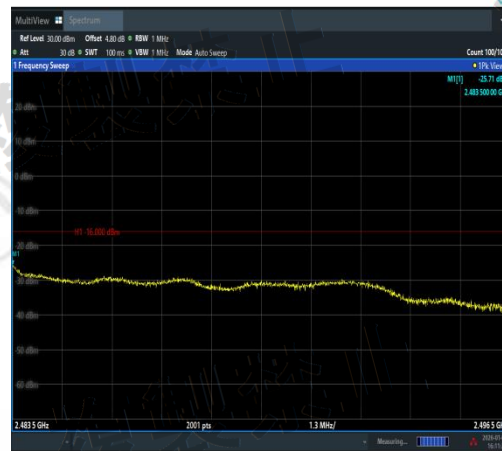
|                                                           |                                             |
|-----------------------------------------------------------|---------------------------------------------|
|                                                           |                                             |
| NTNV-11N20SISO-Ant1-2412-30~1000-PASS                     | NTNV-11N20SISO-Ant1-2412-1000~2387-PASS     |
|                                                           |                                             |
| NTNV-11N20SISO-Ant1-2412-2387~2400-PASS                   | NTNV-11N20SISO-Ant1-2412-2483.5~2496.5-PASS |
|                                                           |                                             |
| NTNV-11N20SISO-Ant1-2412-2496.5~13000-Se<br>e table below | NTNV-11N20SISO-Ant1-2442-30~1000-PASS       |





04:11:06 PM 01/09/2026

NTNV-11N20SISO-Ant1-2472-2387~2400-PASS



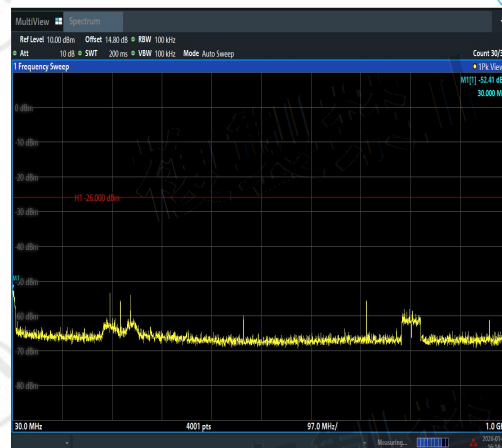
04:11:22 PM 01/09/2026

NTNV-11N20SISO-Ant1-2472-2483.5~2496.5-Se  
e table below



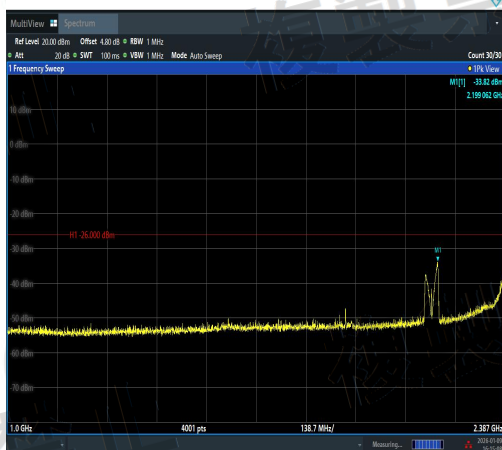
04:12:00 PM 01/09/2026

NTNV-11N20SISO-Ant1-2472-2496.5~13000-PA  
SS



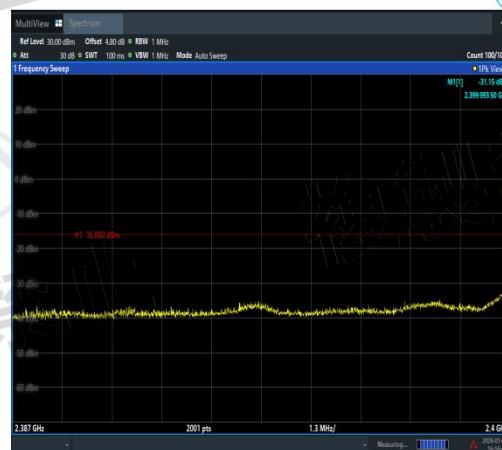
04:15:00 PM 01/09/2026

NTNV-11N40SISO-Ant1-2422-30~1000-PASS



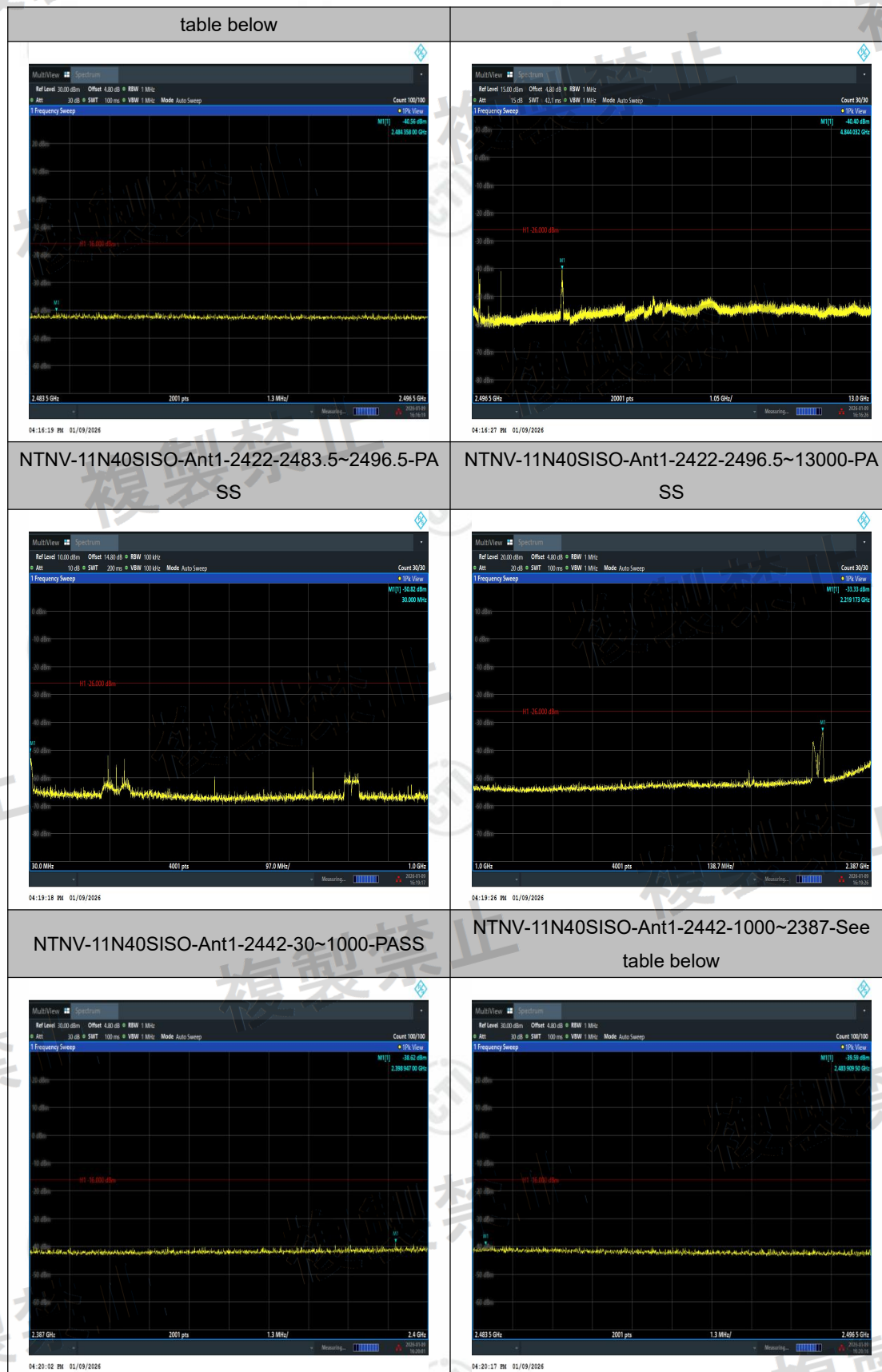
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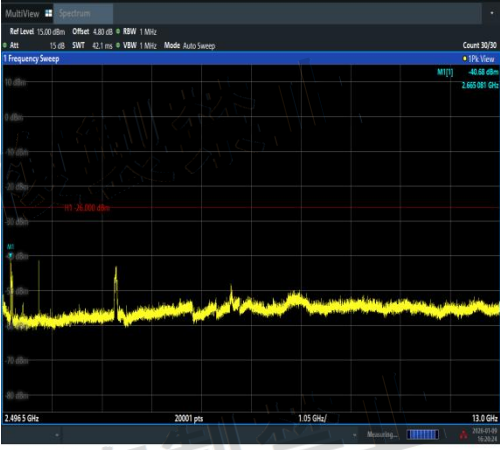
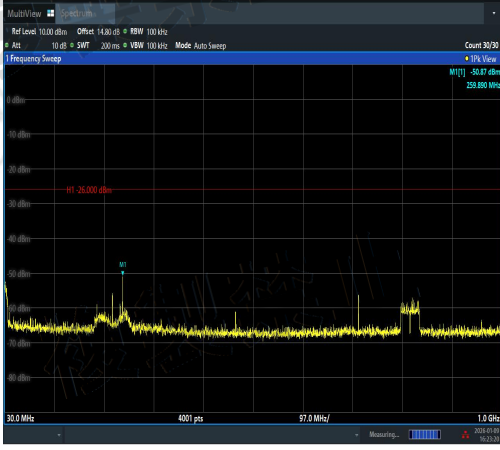
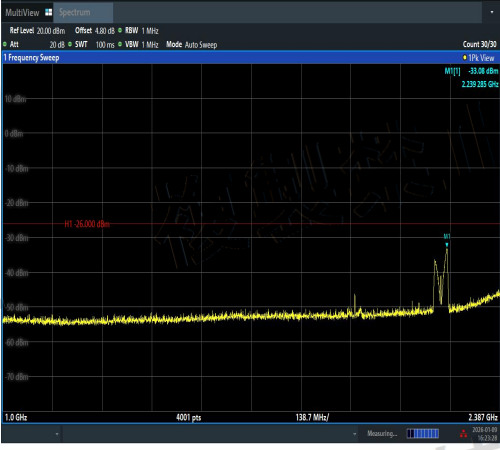
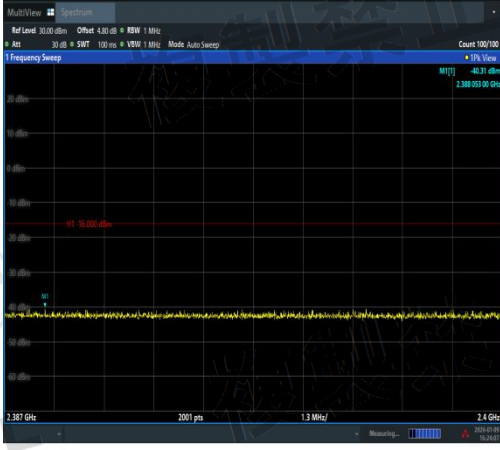
NTNV-11N40SISO-Ant1-2422-1000~2387-See

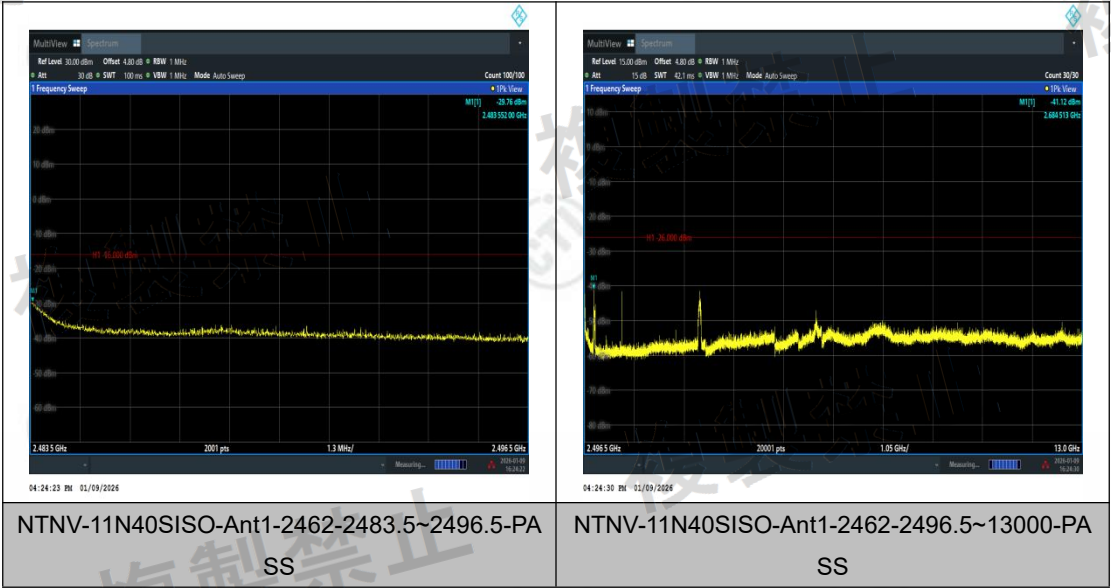


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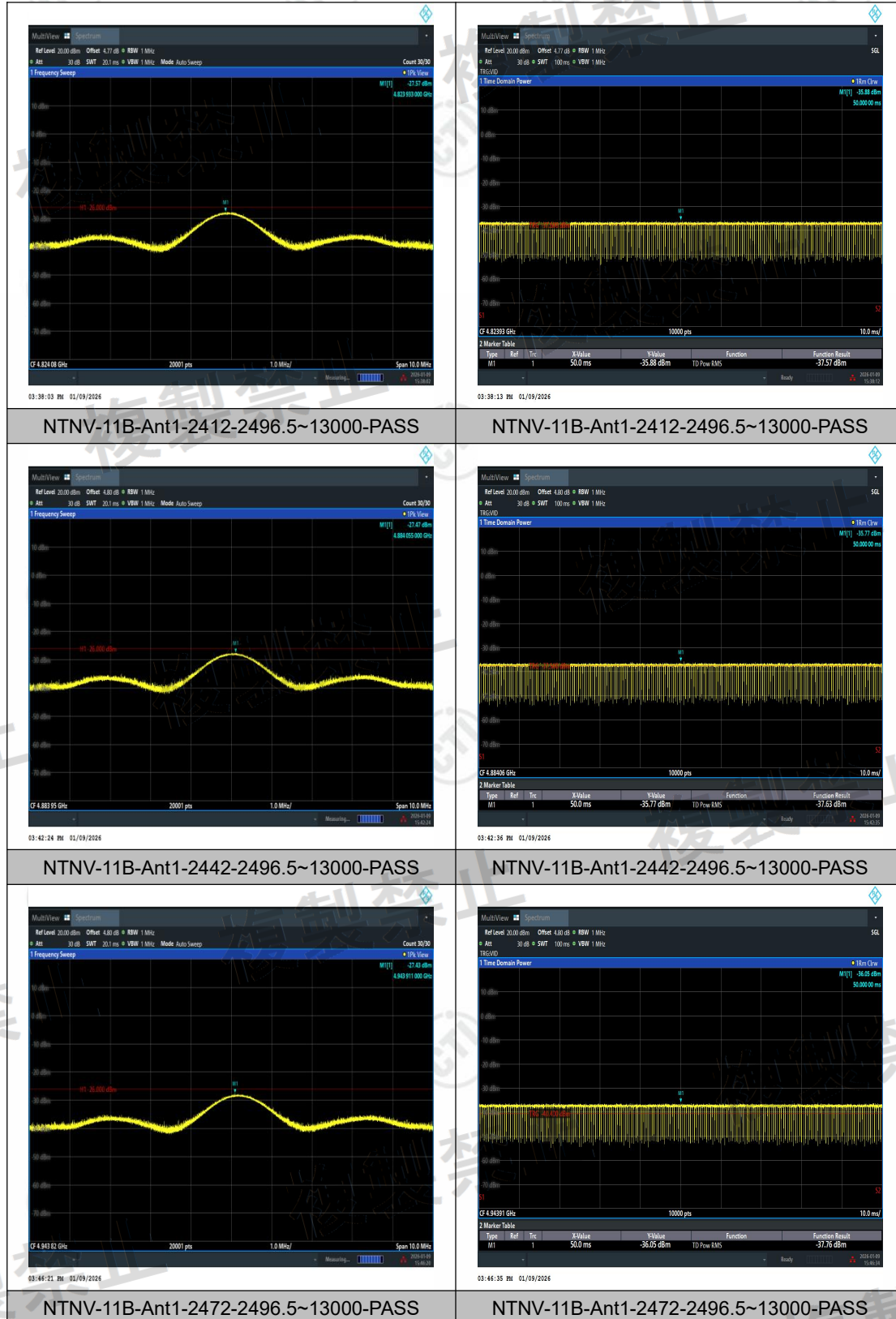
NTNV-11N40SISO-Ant1-2422-2387~2400-PASS



|                                                                                               |                                                                                      |
|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| NTNV-11N40SISO-Ant1-2442-2387~2400-PASS                                                       | NTNV-11N40SISO-Ant1-2442-2483.5~2496.5-PASS                                          |
| <p>SS</p>    |    |
| NTNV-11N40SISO-Ant1-2442-2496.5~13000-PASS                                                    | NTNV-11N40SISO-Ant1-2462-30~1000-PASS                                                |
| <p>SS</p>  |  |
| NTNV-11N40SISO-Ant1-2462-1000~2387-See table below                                            | NTNV-11N40SISO-Ant1-2462-2387~2400-PASS                                              |

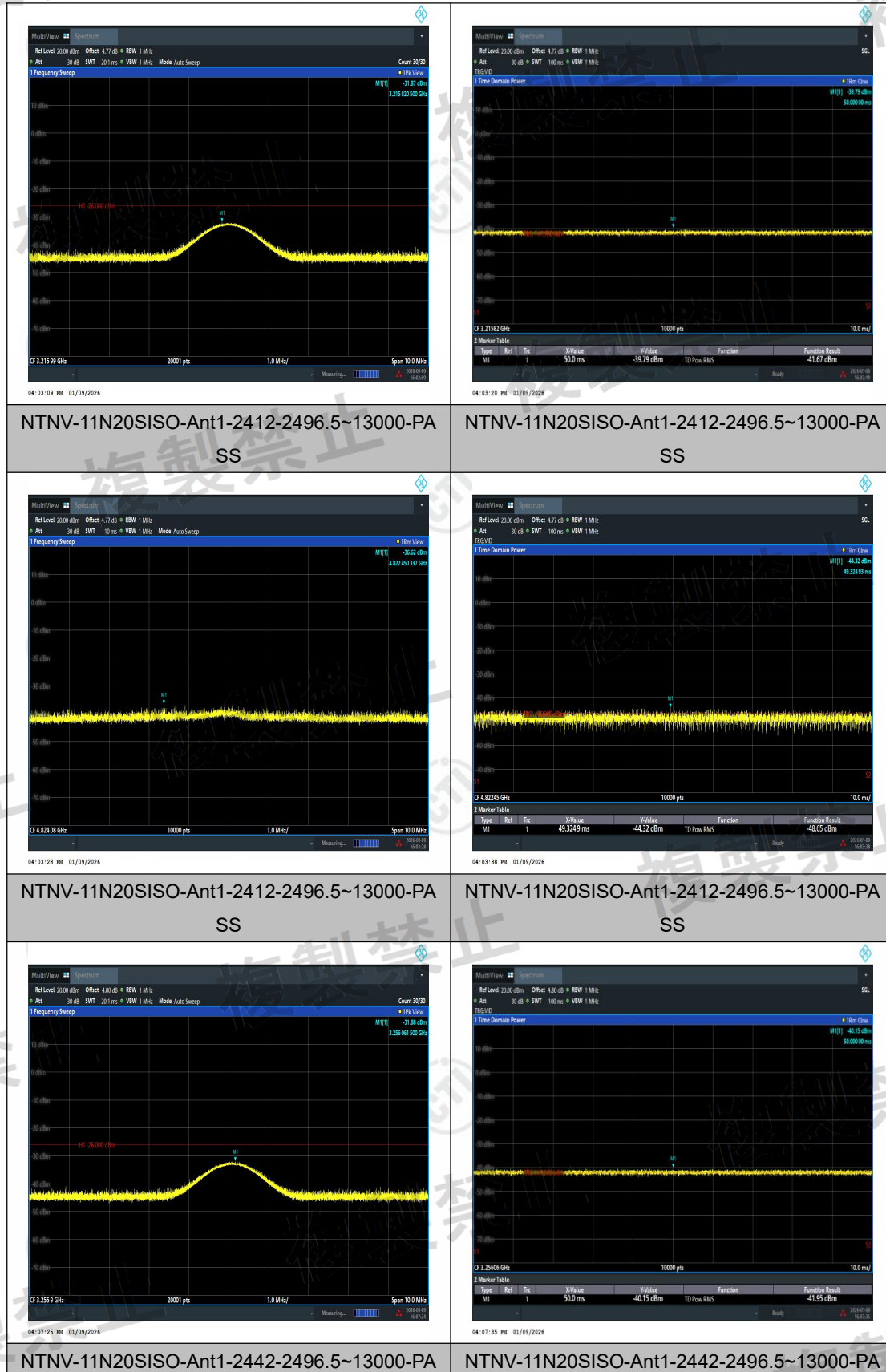


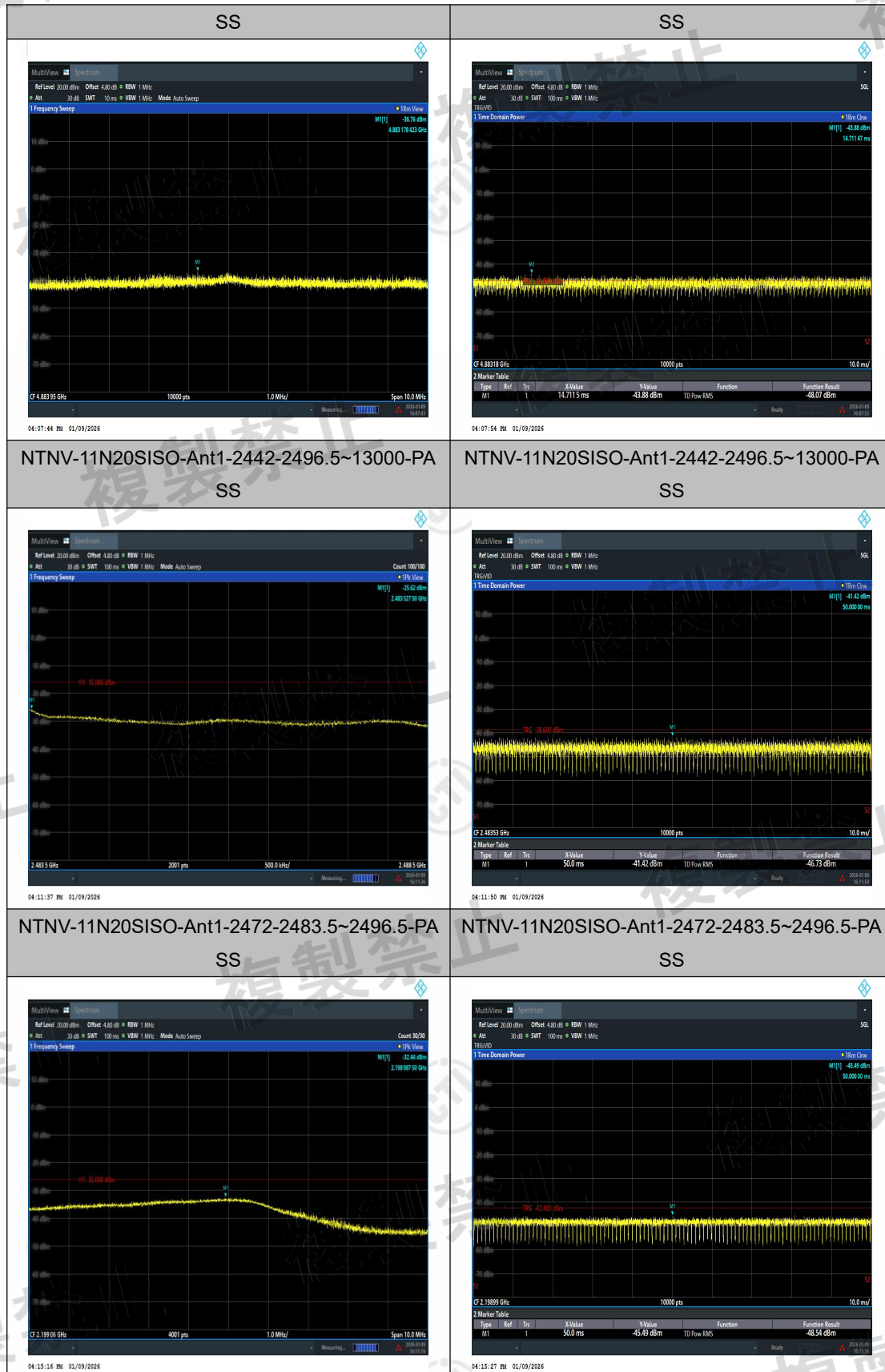
## Test Graphs\_Step2

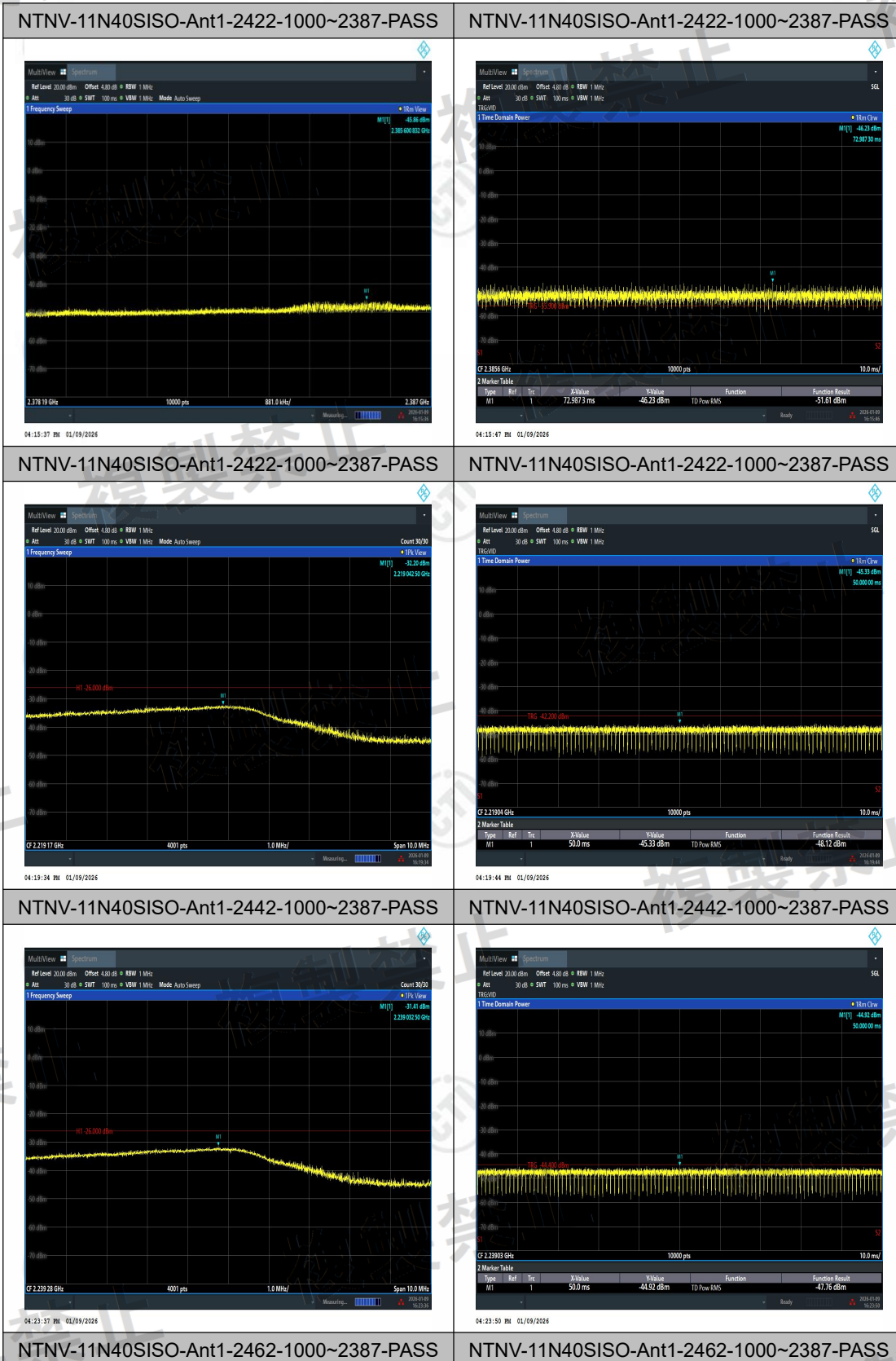










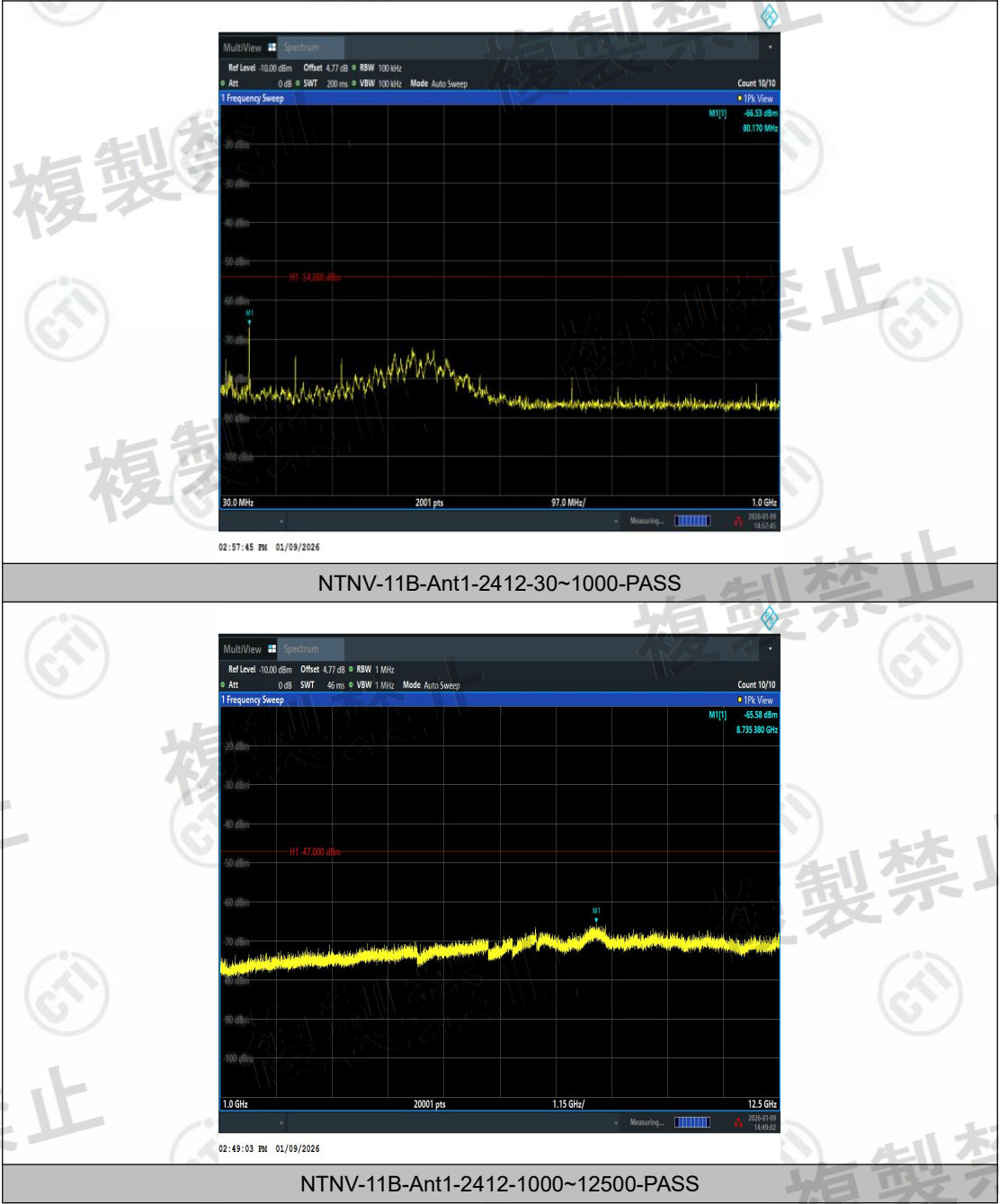


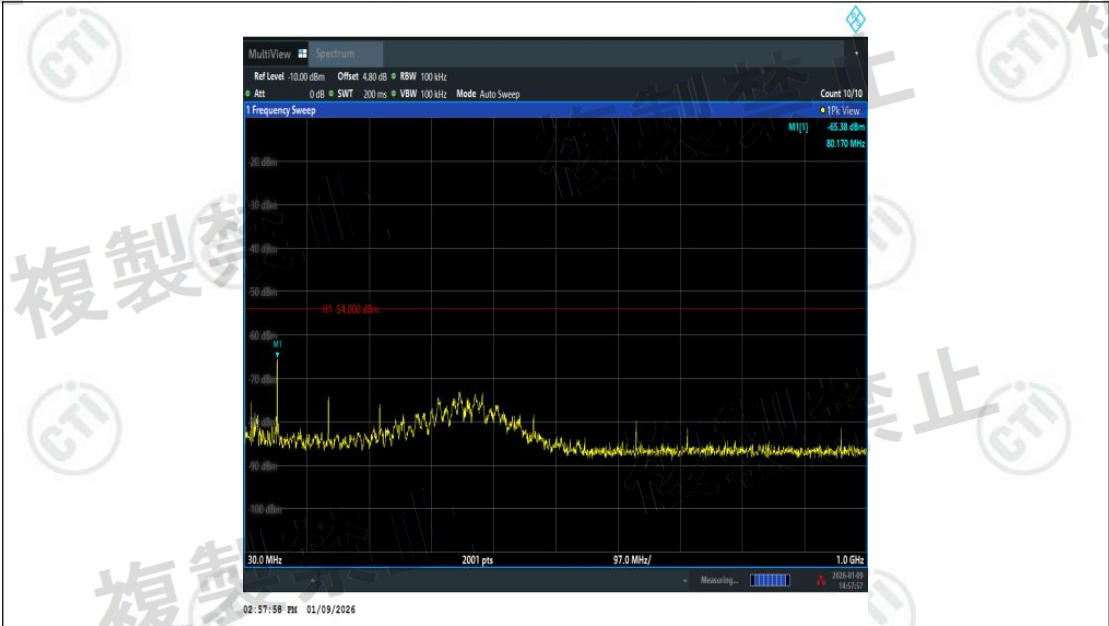
## Appendix E: Secondary Radiated Emission Strength

## Test Result

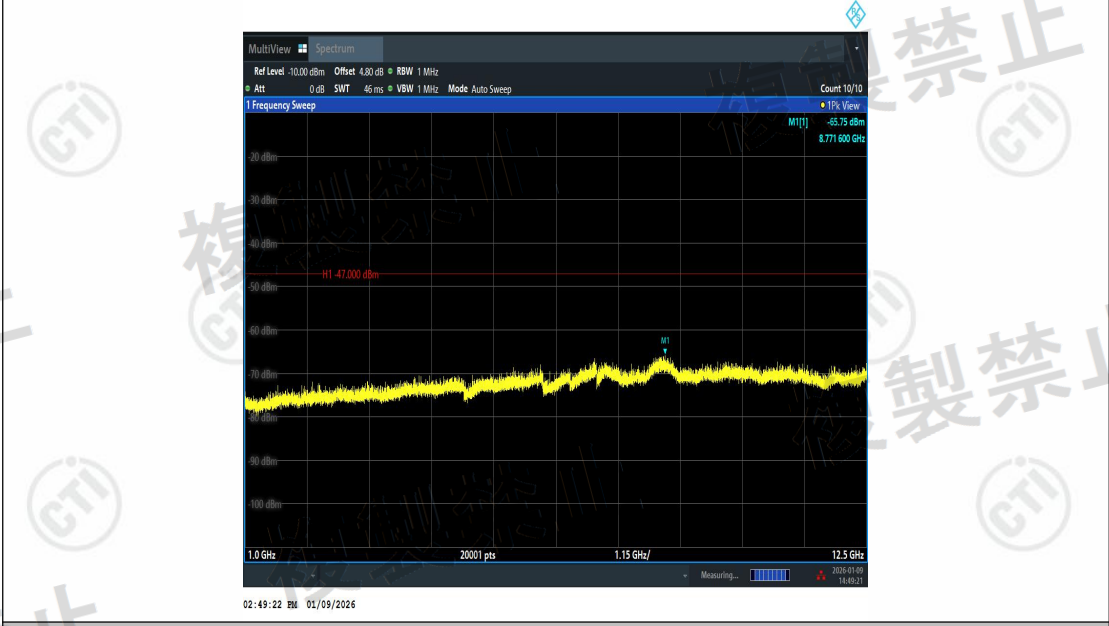
| Test Condition | TestMode  | Antenna | Frequency [MHz] | Freq.Range [MHz] | Result [MHz] | Result [dBm] | Result [nW] | Limit [nW] | Verdict |
|----------------|-----------|---------|-----------------|------------------|--------------|--------------|-------------|------------|---------|
| NTNV           | 11B       | Ant1    | 2412            | 30~1000          | 80.17        | -66.53       | 0.22233     | ≤4         | PASS    |
| NTNV           | 11B       | Ant1    | 2412            | 1000~12500       | 8735.38      | -65.58       | 0.27669     | ≤20        | PASS    |
| NTNV           | 11B       | Ant1    | 2442            | 30~1000          | 80.17        | -65.38       | 0.28973     | ≤4         | PASS    |
| NTNV           | 11B       | Ant1    | 2442            | 1000~12500       | 8771.60      | -65.75       | 0.26607     | ≤20        | PASS    |
| NTNV           | 11B       | Ant1    | 2472            | 30~1000          | 80.17        | -66.81       | 0.20845     | ≤4         | PASS    |
| NTNV           | 11B       | Ant1    | 2472            | 1000~12500       | 2426.22      | -62.08       | 0.61944     | ≤20        | PASS    |
| NTNV           | 11G       | Ant1    | 2412            | 30~1000          | 80.17        | -66.55       | 0.22131     | ≤4         | PASS    |
| NTNV           | 11G       | Ant1    | 2412            | 1000~12500       | 2425.64      | -58.76       | 1.33045     | ≤20        | PASS    |
| NTNV           | 11G       | Ant1    | 2442            | 30~1000          | 80.17        | -66.75       | 0.21135     | ≤4         | PASS    |
| NTNV           | 11G       | Ant1    | 2442            | 1000~12500       | 8721.58      | -64.99       | 0.31696     | ≤20        | PASS    |
| NTNV           | 11G       | Ant1    | 2472            | 30~1000          | 80.17        | -66.53       | 0.22233     | ≤4         | PASS    |
| NTNV           | 11G       | Ant1    | 2472            | 1000~12500       | 2402.07      | -64.63       | 0.34435     | ≤20        | PASS    |
| NTNV           | 11N20SISO | Ant1    | 2412            | 30~1000          | 80.17        | -66.73       | 0.21232     | ≤4         | PASS    |
| NTNV           | 11N20SISO | Ant1    | 2412            | 1000~12500       | 2402.64      | -62.91       | 0.51168     | ≤20        | PASS    |
| NTNV           | 11N20SISO | Ant1    | 2442            | 30~1000          | 80.17        | -66.82       | 0.20797     | ≤4         | PASS    |
| NTNV           | 11N20SISO | Ant1    | 2442            | 1000~12500       | 2426.22      | -58.57       | 1.38995     | ≤20        | PASS    |
| NTNV           | 11N20SISO | Ant1    | 2472            | 30~1000          | 80.17        | -66.30       | 0.23442     | ≤4         | PASS    |
| NTNV           | 11N20SISO | Ant1    | 2472            | 1000~12500       | 8727.90      | -65.33       | 0.29309     | ≤20        | PASS    |
| NTNV           | 11N40SISO | Ant1    | 2422            | 30~1000          | 80.17        | -65.98       | 0.25235     | ≤4         | PASS    |
| NTNV           | 11N40SISO | Ant1    | 2422            | 1000~12500       | 2426.22      | -64.43       | 0.36058     | ≤20        | PASS    |
| NTNV           | 11N40SISO | Ant1    | 2442            | 30~1000          | 80.17        | -66.59       | 0.21928     | ≤4         | PASS    |
| NTNV           | 11N40SISO | Ant1    | 2442            | 1000~12500       | 8692.25      | -65.73       | 0.26730     | ≤20        | PASS    |
| NTNV           | 11N40SISO | Ant1    | 2462            | 30~1000          | 80.17        | -66.68       | 0.21478     | ≤4         | PASS    |
| NTNV           | 11N40SISO | Ant1    | 2462            | 1000~12500       | 8731.35      | -66.38       | 0.23014     | ≤20        | PASS    |

Test Graphs

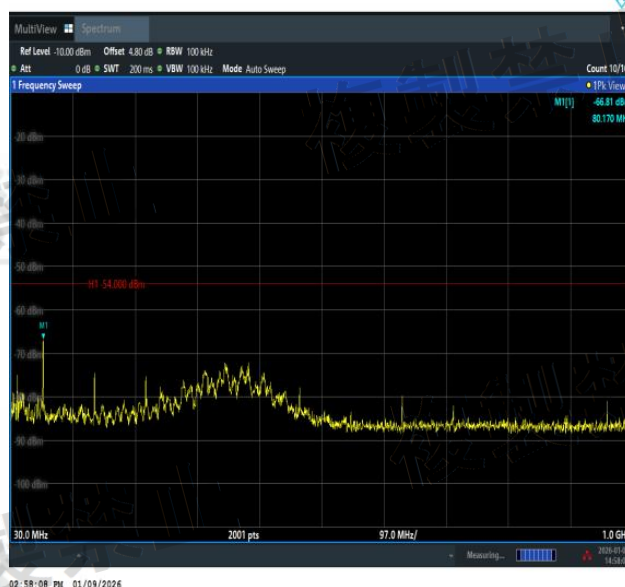




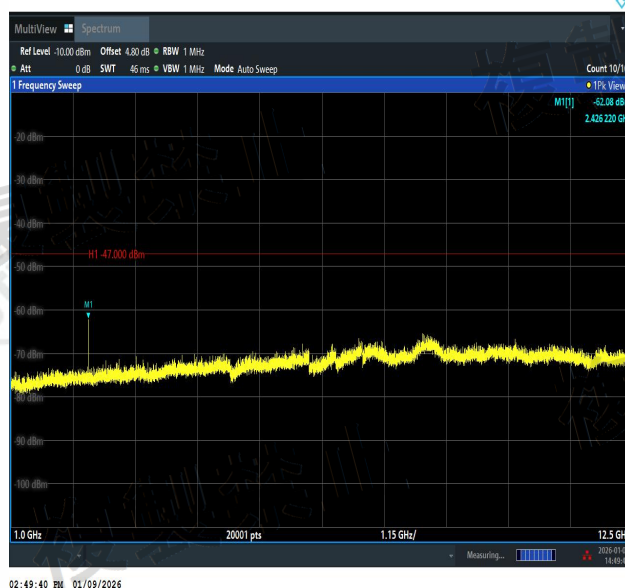
NTNV-11B-Ant1-2442-30~1000-PASS



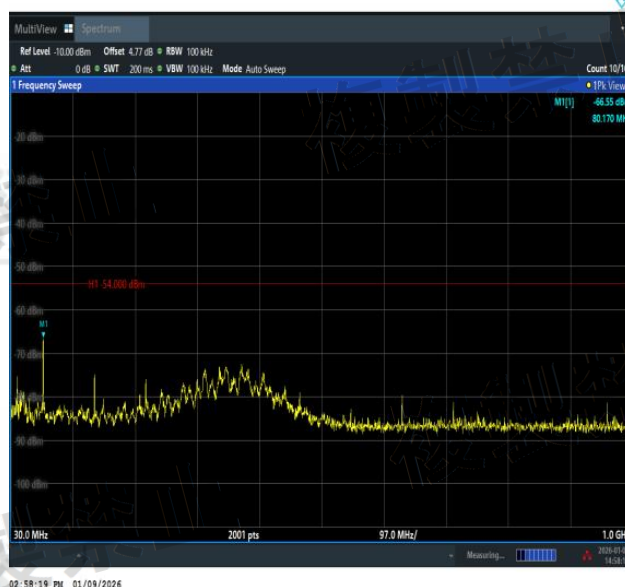
NTNV-11B-Ant1-2442-1000~12500-PASS



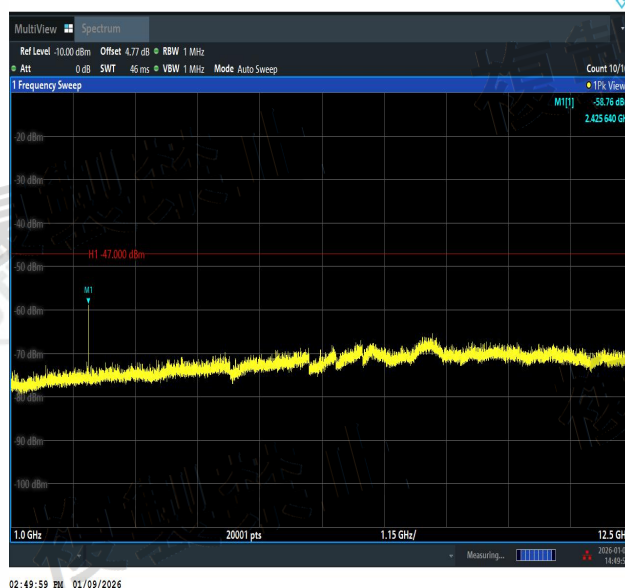
NTNV-11B-Ant1-2472-30~1000-PASS



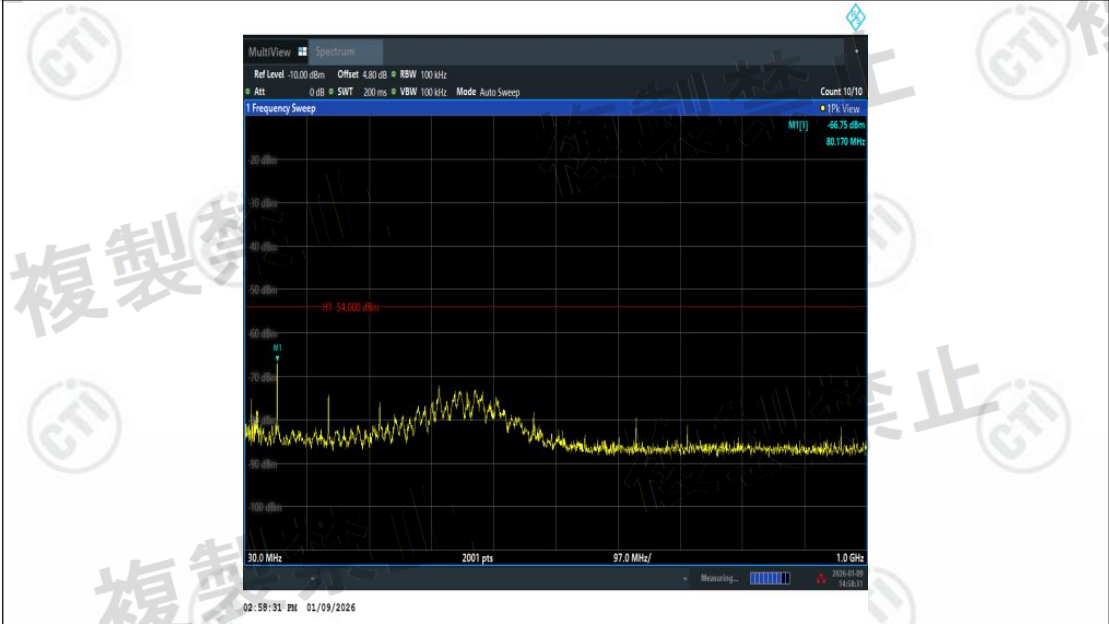
NTNV-11B-Ant1-2472-1000~12500-PASS



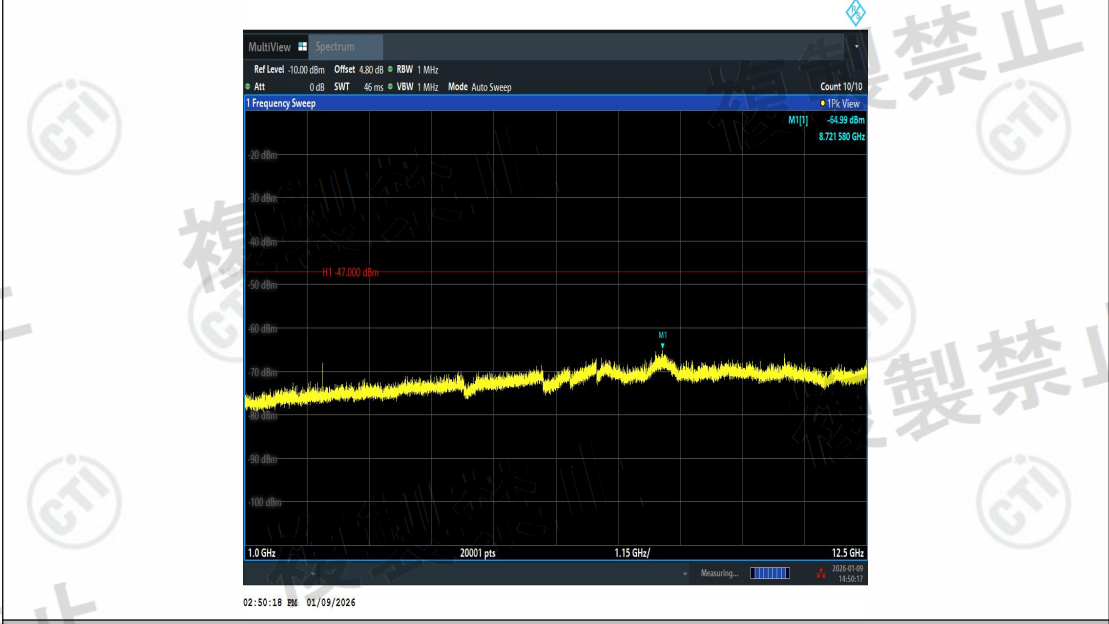
NTNV-11G-Ant1-2412-30~1000-PASS



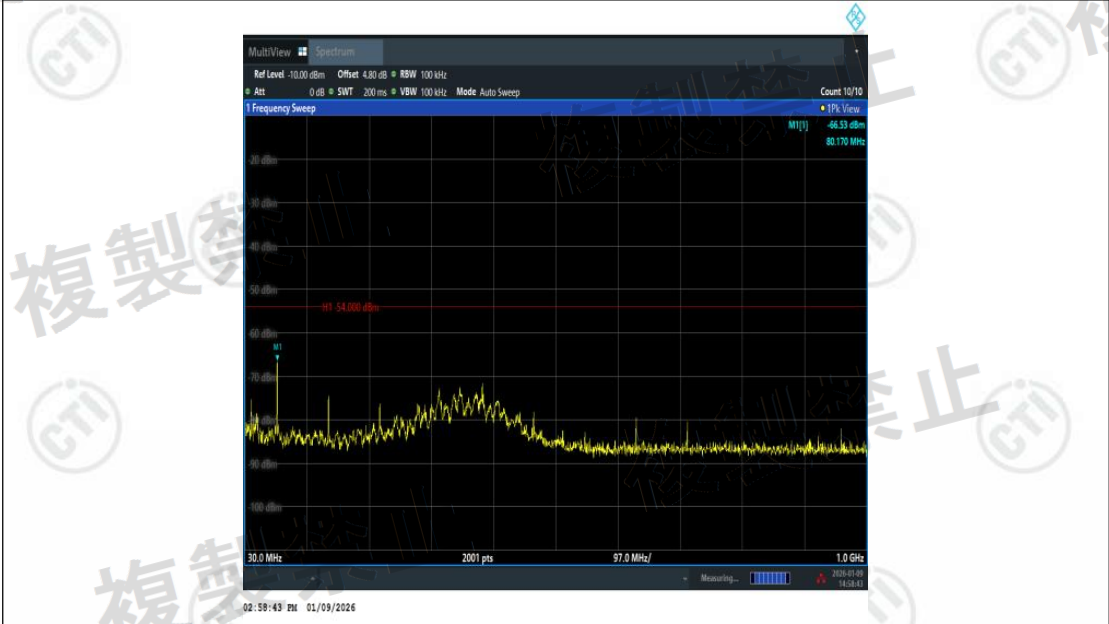
NTNV-11G-Ant1-2412-1000~12500-PASS



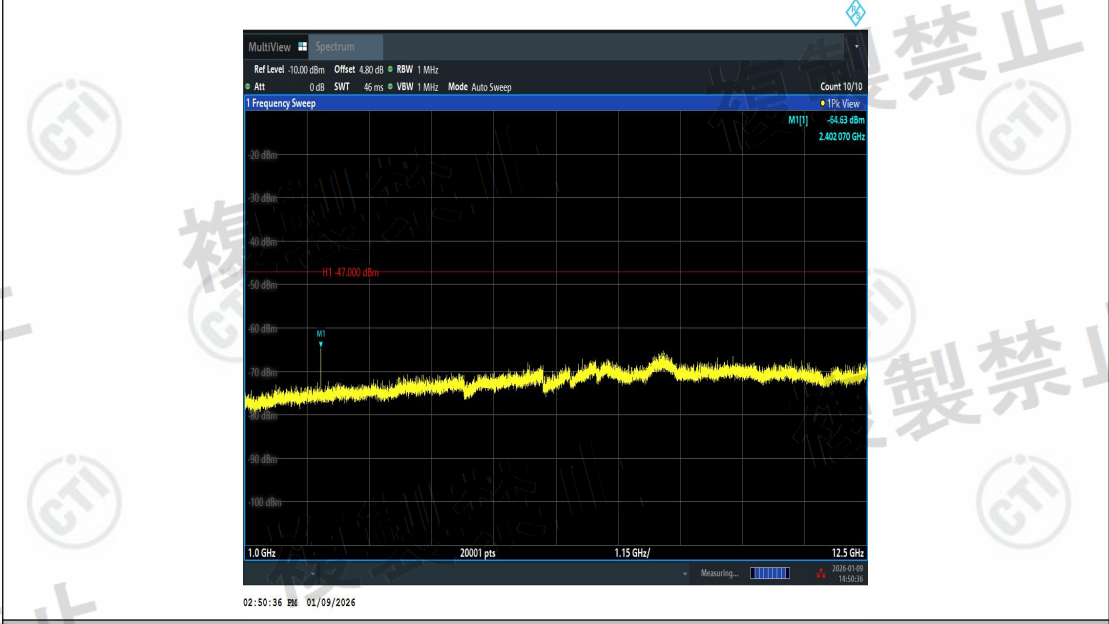
NTNV-11G-Ant1-2442-30~1000-PASS



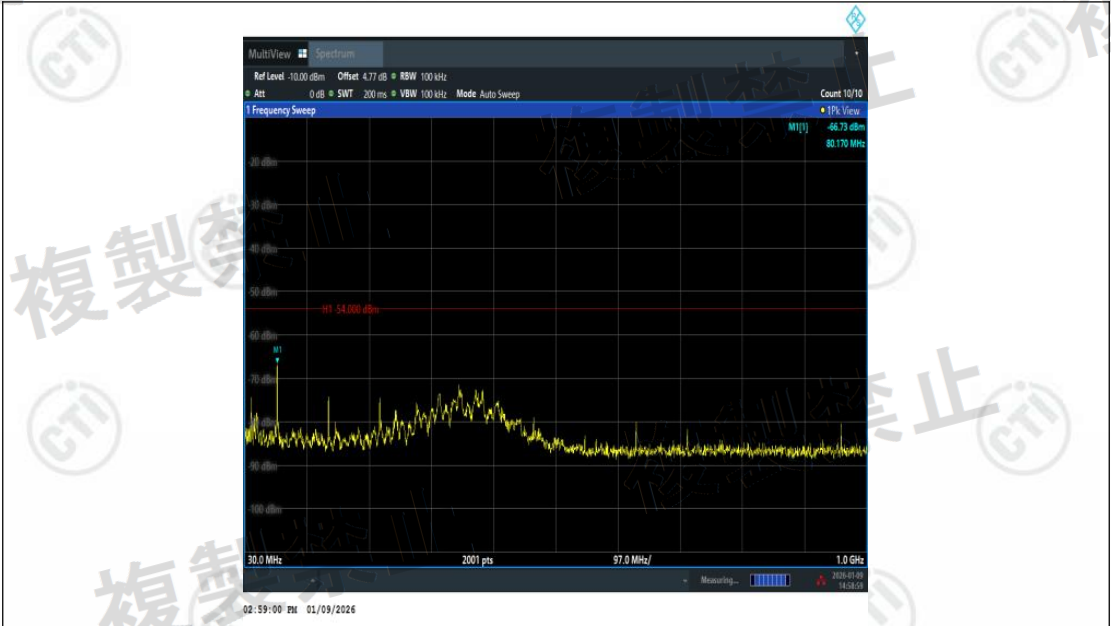
NTNV-11G-Ant1-2442-1000~12500-PASS



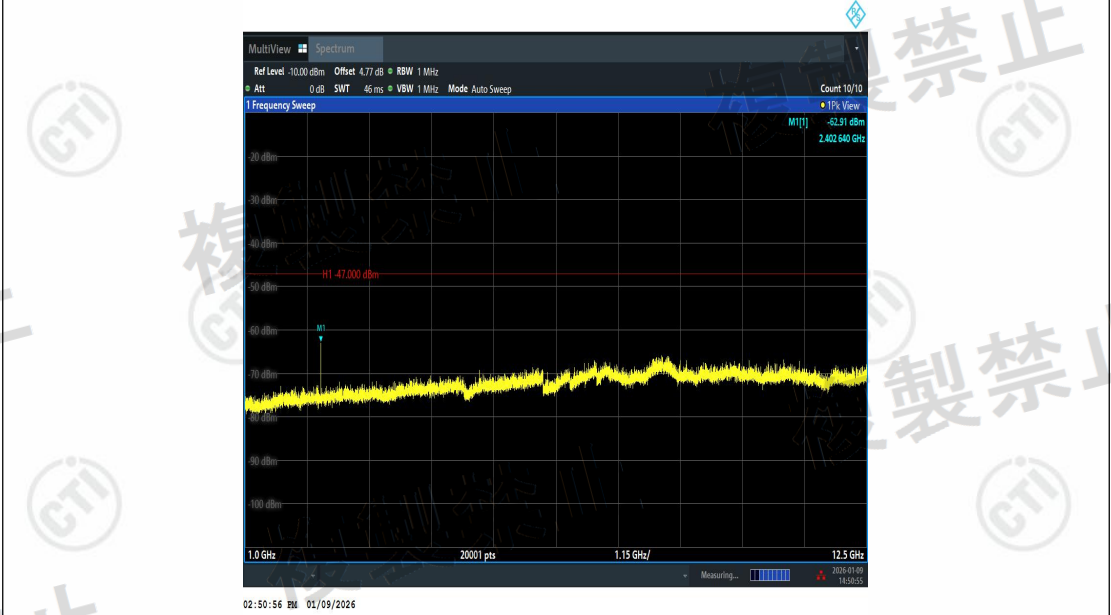
NTNV-11G-Ant1-2472-30~1000-PASS



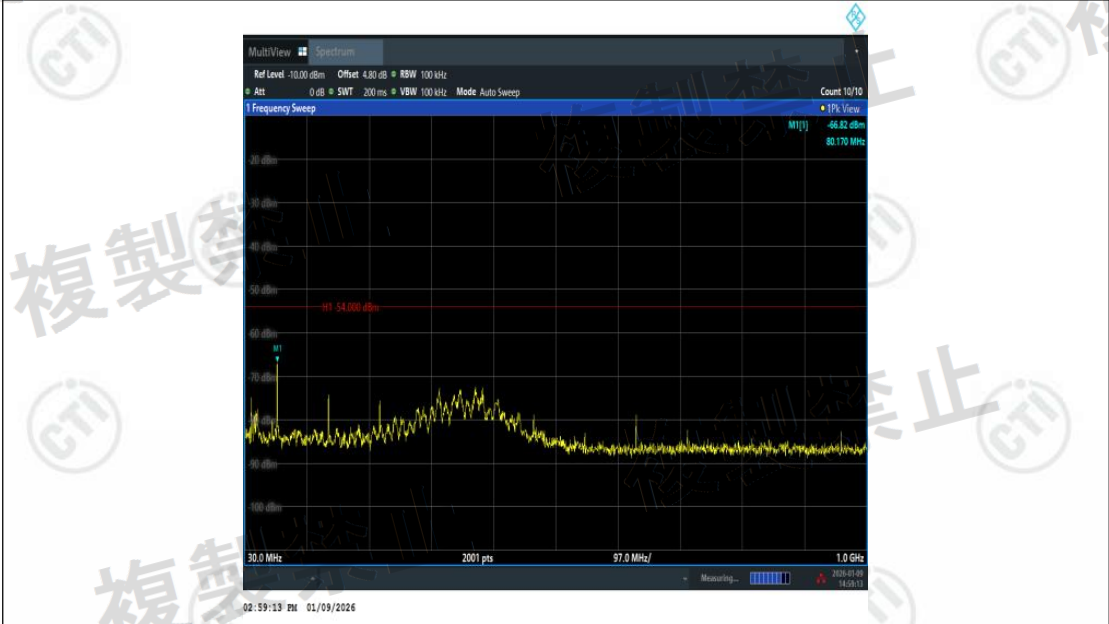
NTNV-11G-Ant1-2472-1000~12500-PASS



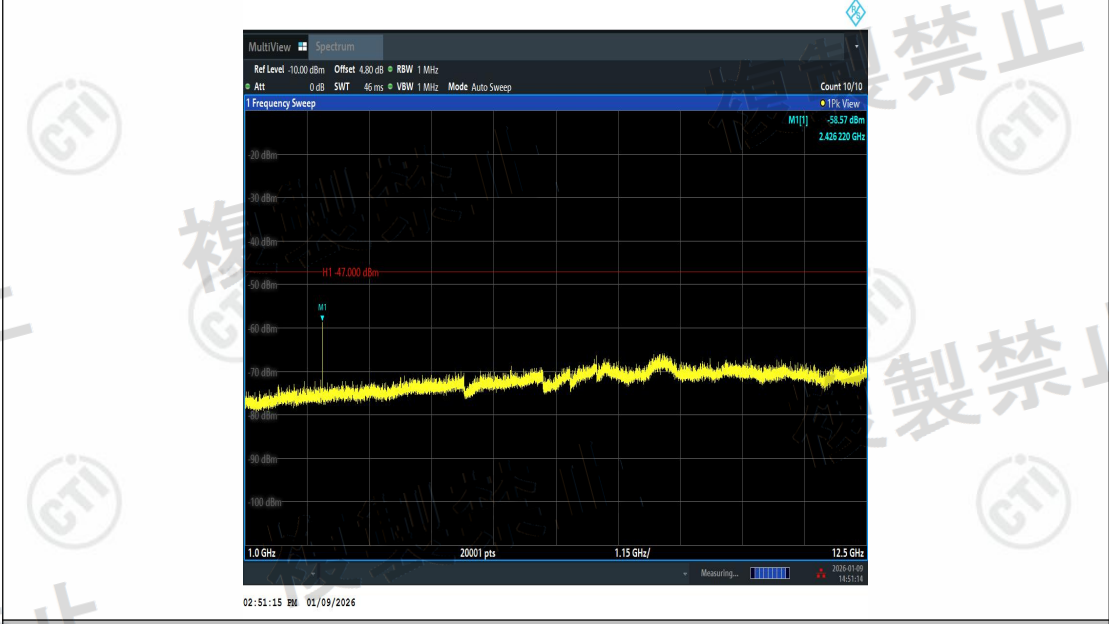
NTNV-11N20SISO-Ant1-2412-30~1000-PASS



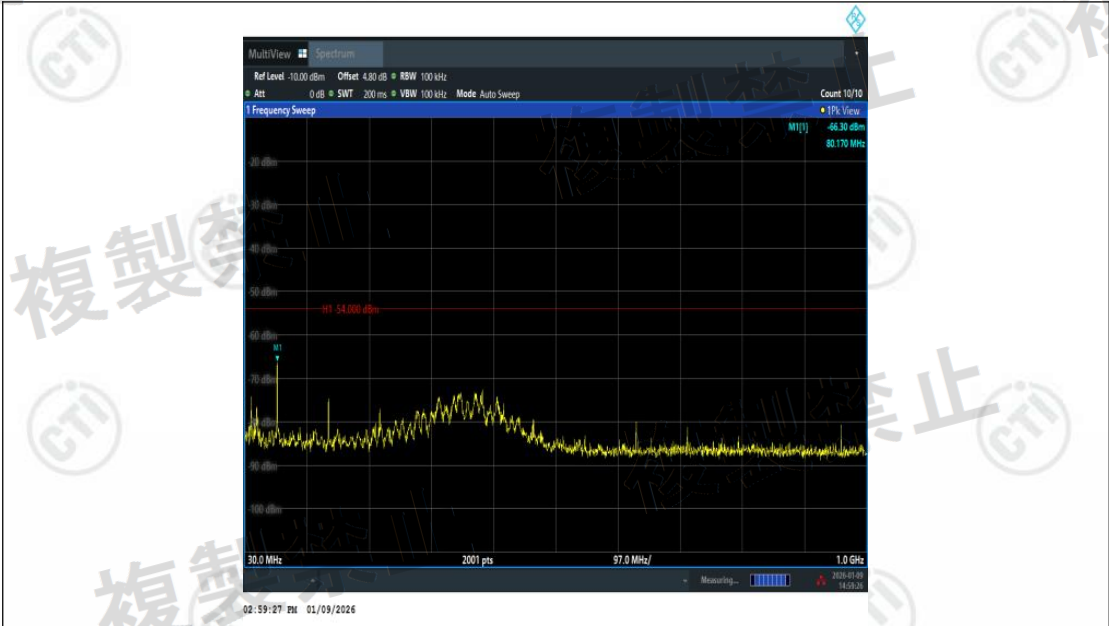
NTNV-11N20SISO-Ant1-2412-1000~12500-PASS



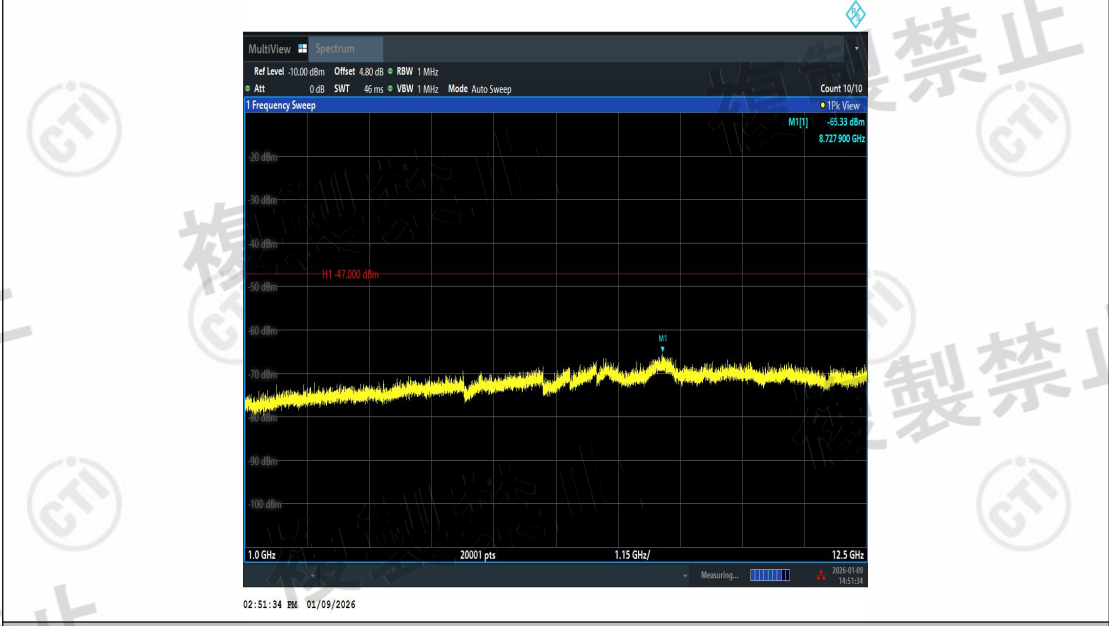
NTNV-11N20SISO-Ant1-2442-30~1000-PASS



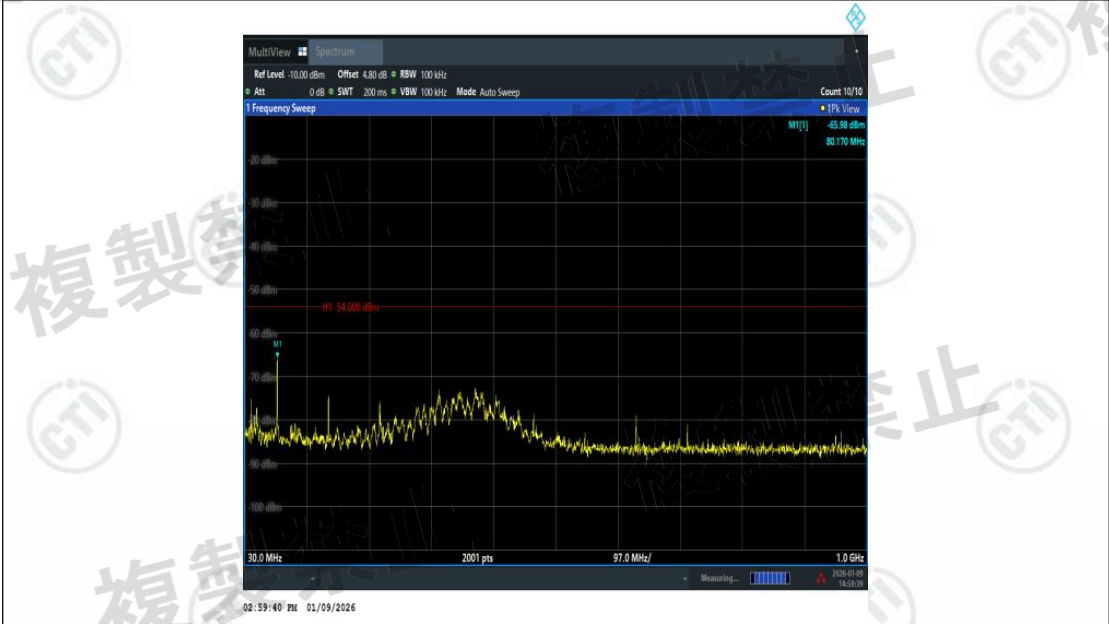
NTNV-11N20SISO-Ant1-2442-1000~12500-PASS



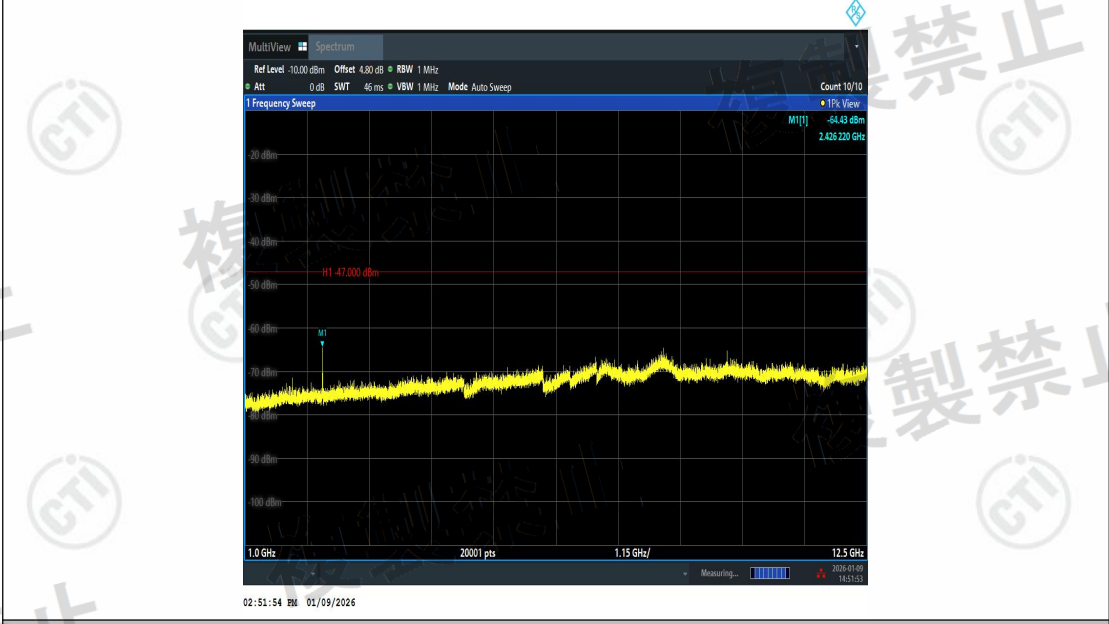
NTNV-11N20SISO-Ant1-2472-30~1000-PASS



NTNV-11N20SISO-Ant1-2472-1000~12500-PASS



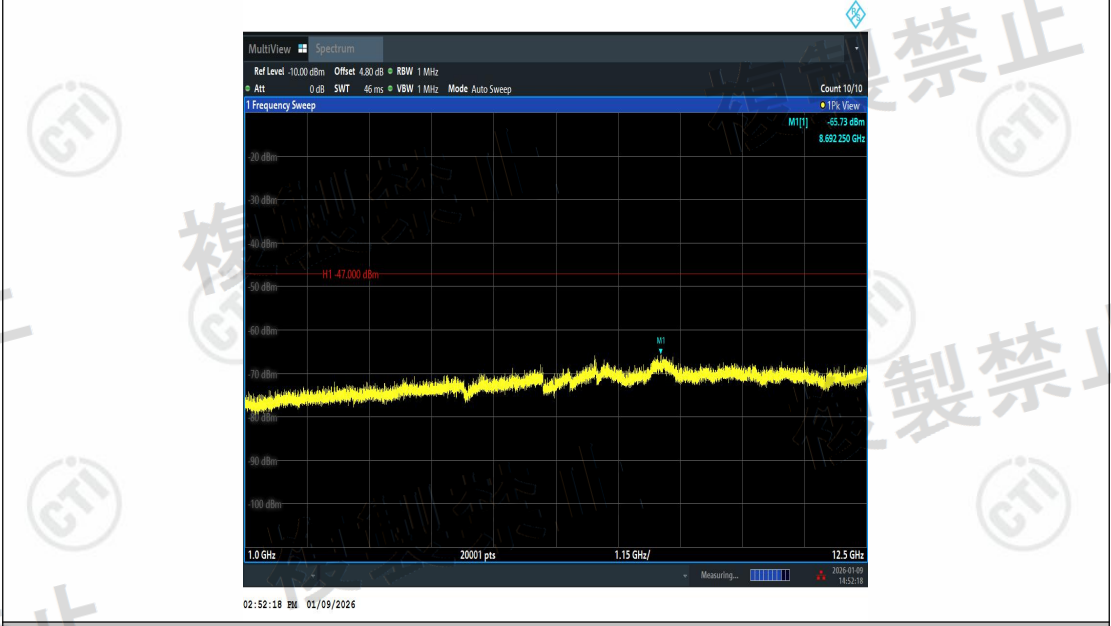
NTNV-11N40SISO-Ant1-2422-30~1000-PASS



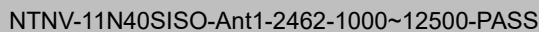
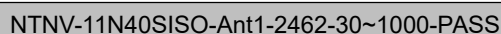
NTNV-11N40SISO-Ant1-2422-1000~12500-PASS



NTNV-11N40SISO-Ant1-2442-30~1000-PASS



NTNV-11N40SISO-Ant1-2442-1000~12500-PASS

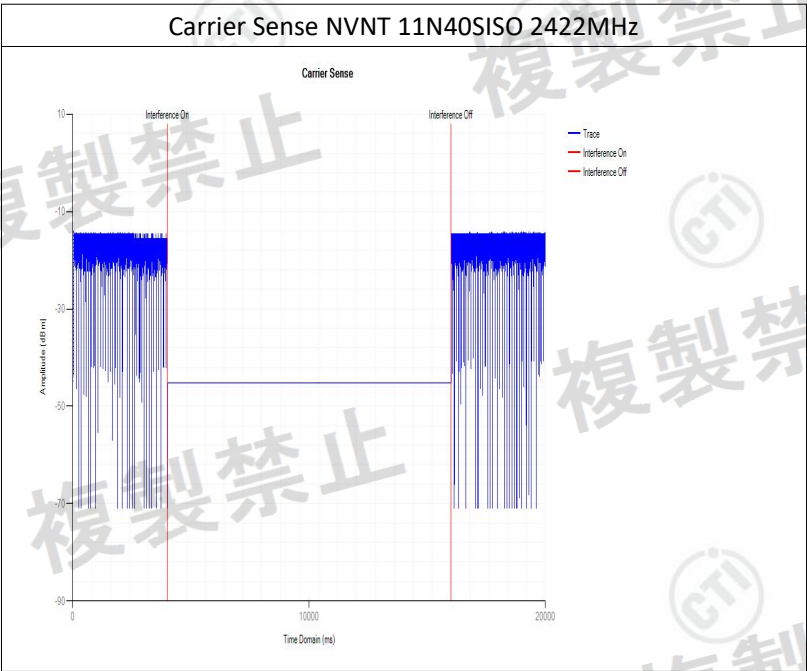


Appendix F: Carrier Sense Function

Test Result

| Test Condition | TestMode  | Antenna | Frequen cy[MHz] | Pcs[dBm] | Result           | Verdict |
|----------------|-----------|---------|-----------------|----------|------------------|---------|
| NTNV           | 11N40SISO | Ant1    | 2422            | -43.143  | See Graphs below | PASS    |

Test Graphs



Note: Pcs (dBm) = 22.79 + Gr – 20log(F).

V1: CW signal injection

V2: CW signal remove

\*\*\* End of Report \*\*\*