

**Appendix A.1 Test Result of Antenna Power**

| <b>GFSK (1 Mbps)</b> |                     |                    |                          |
|----------------------|---------------------|--------------------|--------------------------|
| Frequency (MHz)      | Antenna Power (dBm) | Antenna Power (mW) | Antenna Power Limit (mW) |
| 2402                 | 5.03                | 3.18               | 10                       |
| 2440                 | 4.88                | 3.08               | 10                       |
| 2480                 | 4.79                | 3.01               | 10                       |

| <b>GFSK (2 Mbps)</b> |                     |                    |                          |
|----------------------|---------------------|--------------------|--------------------------|
| Frequency (MHz)      | Antenna Power (dBm) | Antenna Power (mW) | Antenna Power Limit (mW) |
| 2404                 | 5.03                | 3.18               | 10                       |
| 2440                 | 4.86                | 3.06               | 10                       |
| 2478                 | 4.80                | 3.02               | 10                       |

**Appendix A.2 Test Result of Antenna Power Tolerance**

| <b>GFSK (1 Mbps)</b> |                             |                    |               |           |
|----------------------|-----------------------------|--------------------|---------------|-----------|
| Frequency (MHz)      | Declared Antenna Power (mW) | Antenna Power (mW) | Tolerance (%) | Limit (%) |
| 2402                 | 3.18                        | 3.18               | 0.00          | +20       |
| 2440                 | 3.18                        | 3.08               | -3.39         | +20       |
| 2480                 | 3.18                        | 3.01               | -5.38         | +20       |

Note: Tolerance = (Antenna Power - Declared Antenna Power) / Declared Antenna Power \* 100%.

| <b>GFSK (2 Mbps)</b> |                             |                    |               |           |
|----------------------|-----------------------------|--------------------|---------------|-----------|
| Frequency (MHz)      | Declared Antenna Power (mW) | Antenna Power (mW) | Tolerance (%) | Limit (%) |
| 2404                 | 3.18                        | 3.18               | 0.00          | +20       |
| 2440                 | 3.18                        | 3.06               | -3.84         | +20       |
| 2478                 | 3.18                        | 3.02               | -5.16         | +20       |

Note: Tolerance = (Antenna Power - Declared Antenna Power) / Declared Antenna Power \* 100%.

**Appendix A.3 Test Result of E.I.R.P**

| <b>GFSK (1 Mbps)</b> |                     |            |             |
|----------------------|---------------------|------------|-------------|
| Frequency (MHz)      | Antenna Power (dBm) | EIRP (dBm) | Limit (dBm) |
| 2402                 | 5.03                | 8.13       | 12.14       |
| 2440                 | 4.88                | 7.98       | 12.14       |
| 2480                 | 4.79                | 7.89       | 12.14       |

Note: EIRP = Antenna Power + Antenna Max Gain (dBi).

| <b>GFSK (2 Mbps)</b> |                     |            |             |
|----------------------|---------------------|------------|-------------|
| Frequency (MHz)      | Antenna Power (dBm) | EIRP (dBm) | Limit (dBm) |
| 2404                 | 5.03                | 8.13       | 12.14       |
| 2440                 | 4.86                | 7.96       | 12.14       |
| 2478                 | 4.80                | 7.90       | 12.14       |

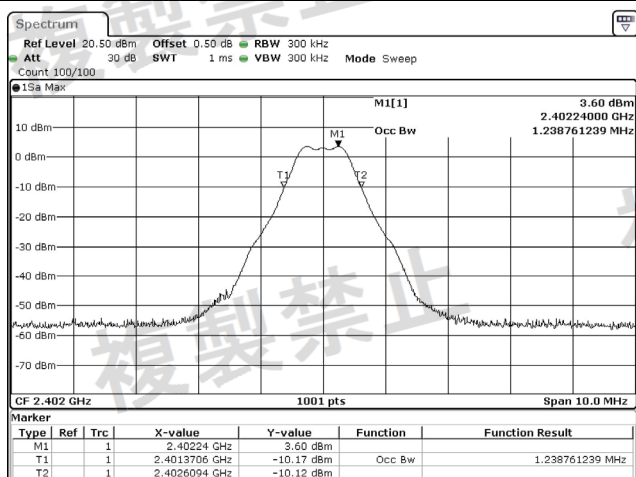
Note: EIRP = Antenna Power + Antenna Max Gain (dBi).

**Appendix B. Test Result of Occupied Bandwidth**

| <b>GFSK (1 Mbps)</b> |                        |                |
|----------------------|------------------------|----------------|
| Frequency<br>(MHz)   | Reading Value<br>(MHz) | Limit<br>(MHz) |
| 2402                 | 1.24                   | $\leq 26$      |
| 2440                 | 1.24                   | $\leq 26$      |
| 2480                 | 1.24                   | $\leq 26$      |

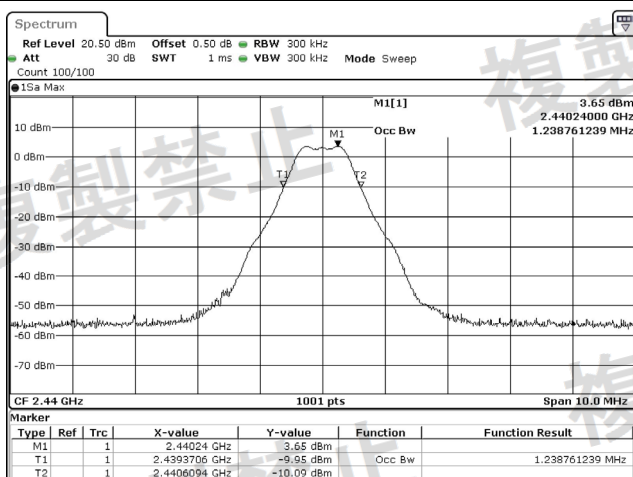
| <b>GFSK (2 Mbps)</b> |                        |                |
|----------------------|------------------------|----------------|
| Frequency<br>(MHz)   | Reading Value<br>(MHz) | Limit<br>(MHz) |
| 2404                 | 2.16                   | $\leq 26$      |
| 2440                 | 2.16                   | $\leq 26$      |
| 2478                 | 2.16                   | $\leq 26$      |

## GFSK (1 Mbps) / 2402 MHz



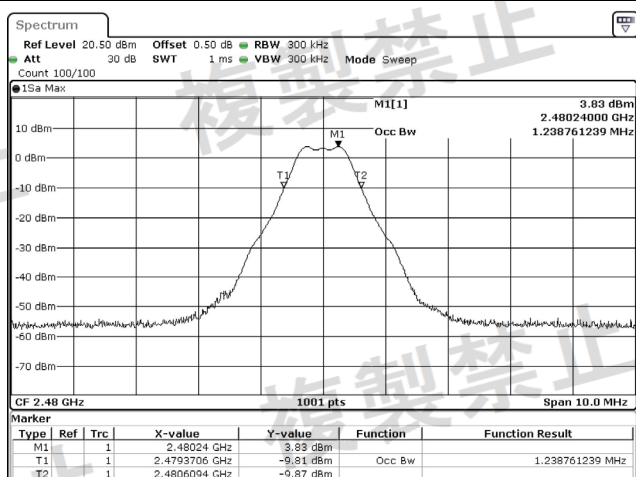
Date: 30 DEC 2025 16:13:01

## GFSK (1 Mbps) / 2440 MHz



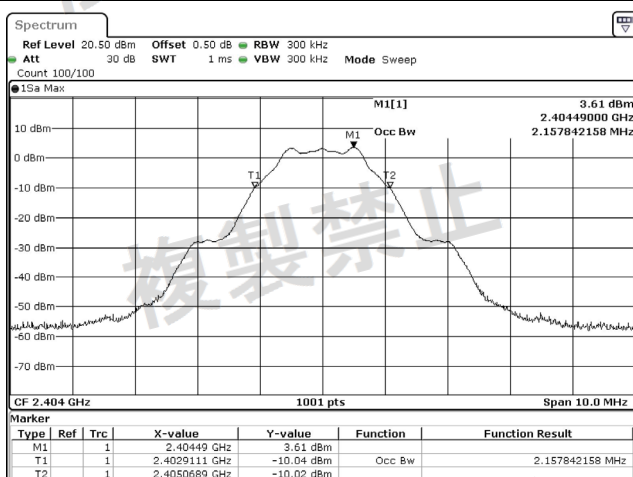
Date: 30 DEC 2025 16:13:57

## GFSK (1 Mbps) / 2480 MHz



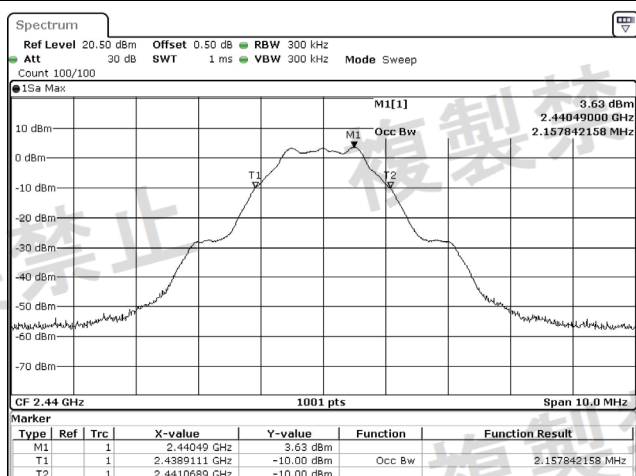
Date: 30 DEC 2025 16:15:03

## GFSK (2 Mbps) / 2404 MHz



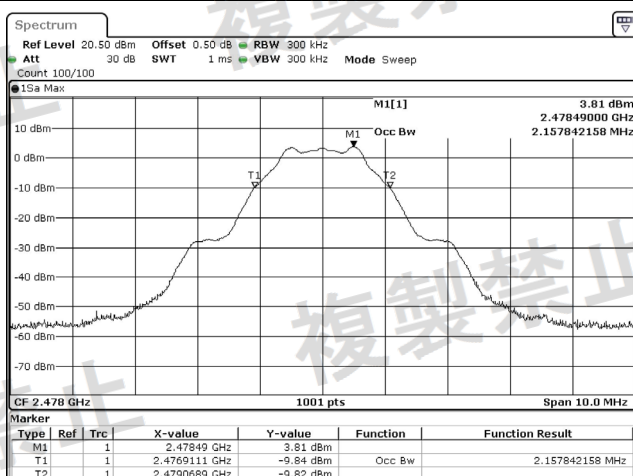
Date: 30 DEC 2025 16:17:53

## GFSK (2 Mbps) / 2440 MHz



Date: 30 DEC 2025 16:19:28

## GFSK (2 Mbps) / 2478 MHz



Date: 30 DEC 2025 16:20:53

**Appendix C. Test Result of Frequency Tolerance**

| <b>GFSK (1 Mbps)</b> |                     |                 |             |
|----------------------|---------------------|-----------------|-------------|
| Frequency (MHz)      | Reading Value (MHz) | Tolerance (ppm) | Limit (ppm) |
| 2402                 | 2401.9896           | -4.33           | ± 50        |
| 2440                 | 2439.9895           | -4.30           | ± 50        |
| 2480                 | 2479.9895           | -4.23           | ± 50        |

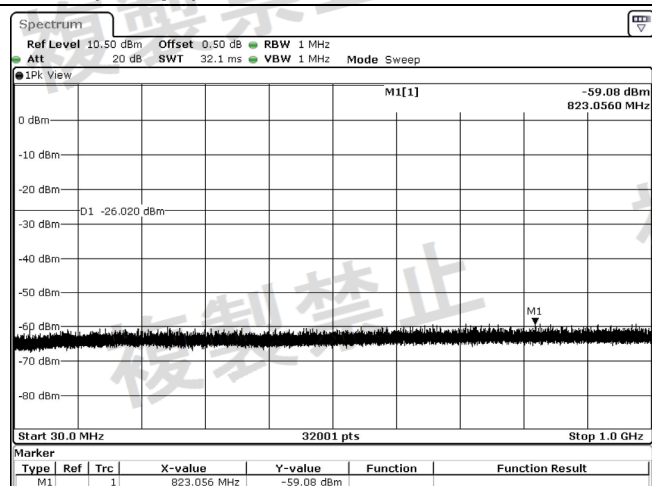
| <b>GFSK (2 Mbps)</b> |                     |                 |             |
|----------------------|---------------------|-----------------|-------------|
| Frequency (MHz)      | Reading Value (MHz) | Tolerance (ppm) | Limit (ppm) |
| 2404                 | 2403.9896           | -4.33           | ± 50        |
| 2440                 | 2439.9896           | -4.26           | ± 50        |
| 2478                 | 2477.9893           | -4.32           | ± 50        |

## Appendix D. Test Result of Transmitter Spurious Emissions

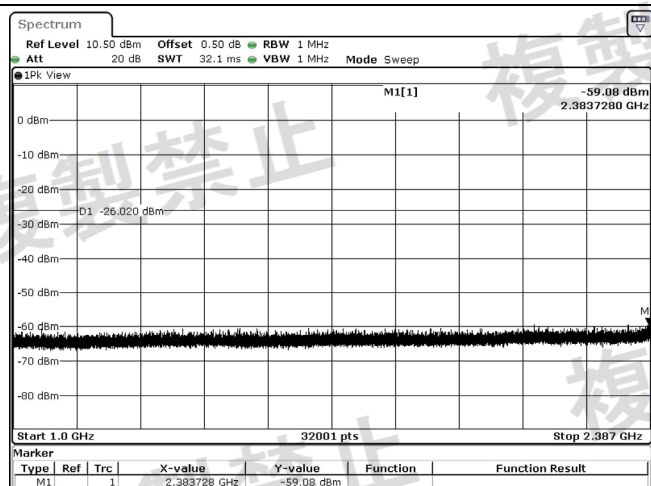
| GFSK (1 Mbps)   |                       |                 |                        |                |
|-----------------|-----------------------|-----------------|------------------------|----------------|
| Frequency (MHz) | Frequency Range (MHz) | Frequency (MHz) | Reading Value (μW/MHz) | Limit (μW/MHz) |
| 2402            | 30 - 1000             | 823.06          | 0.001236               | 2.5            |
|                 | 1000 - 2387           | 2383.73         | 0.001236               | 2.5            |
|                 | 2387 - 2400           | 2400.00         | 1.028016               | 25             |
|                 | 2483.5 - 2496.5       | 2486.86         | 0.001318               | 25             |
|                 | 2496.5 - 8000         | 6232.66         | 0.003236               | 2.5            |
|                 | 8000 - 12500          | 12415.98        | 0.001611               | 2.5            |
| 2440            | 30 - 1000             | 999.35          | 0.001439               | 2.5            |
|                 | 1000 - 2387           | 2215.65         | 0.001125               | 2.5            |
|                 | 2387 - 2400           | 2393.94         | 0.001303               | 25             |
|                 | 2483.5 - 2496.5       | 2490.25         | 0.001514               | 25             |
|                 | 2496.5 - 8000         | 6170.75         | 0.003027               | 2.5            |
|                 | 8000 - 12500          | 11804.14        | 0.001730               | 2.5            |
| 2480            | 30 - 1000             | 906.60          | 0.001321               | 2.5            |
|                 | 1000 - 2387           | 1946.53         | 0.001466               | 2.5            |
|                 | 2387 - 2400           | 2387.37         | 0.001306               | 25             |
|                 | 2483.5 - 2496.5       | 2484.09         | 0.004150               | 25             |
|                 | 2496.5 - 8000         | 6194.31         | 0.003289               | 2.5            |
|                 | 8000 - 12500          | 11944.76        | 0.001766               | 2.5            |

| GFSK (2 Mbps)   |                       |                 |                                            |                                    |
|-----------------|-----------------------|-----------------|--------------------------------------------|------------------------------------|
| Frequency (MHz) | Frequency Range (MHz) | Frequency (MHz) | Reading Value ( $\mu\text{W}/\text{MHz}$ ) | Limit ( $\mu\text{W}/\text{MHz}$ ) |
| 2404            | 30 - 1000             | 664.95          | 0.001324                                   | 2.5                                |
|                 | 1000 - 2387           | 2340.04         | 0.001574                                   | 2.5                                |
|                 | 2387 - 2400           | 2400.00         | 0.005741                                   | 25                                 |
|                 | 2483.5 - 2496.5       | 2484.67         | 0.001253                                   | 25                                 |
|                 | 2496.5 - 8000         | 6783.85         | 0.003573                                   | 2.5                                |
|                 | 8000 - 12500          | 12393.48        | 0.001660                                   | 2.5                                |
| 2440            | 30 - 1000             | 772.38          | 0.001268                                   | 2.5                                |
|                 | 1000 - 2387           | 2376.36         | 0.001312                                   | 2.5                                |
|                 | 2387 - 2400           | 2388.22         | 0.001294                                   | 25                                 |
|                 | 2483.5 - 2496.5       | 2491.45         | 0.001380                                   | 25                                 |
|                 | 2496.5 - 8000         | 6837.16         | 0.003214                                   | 2.5                                |
|                 | 8000 - 12500          | 12484.18        | 0.001742                                   | 2.5                                |
| 2478            | 30 - 1000             | 635.70          | 0.001119                                   | 2.5                                |
|                 | 1000 - 2387           | 2315.07         | 0.001107                                   | 2.5                                |
|                 | 2387 - 2400           | 2398.37         | 0.001282                                   | 25                                 |
|                 | 2483.5 - 2496.5       | 2484.51         | 0.002460                                   | 25                                 |
|                 | 2496.5 - 8000         | 6806.90         | 0.003606                                   | 2.5                                |
|                 | 8000 - 12500          | 12360.72        | 0.001832                                   | 2.5                                |

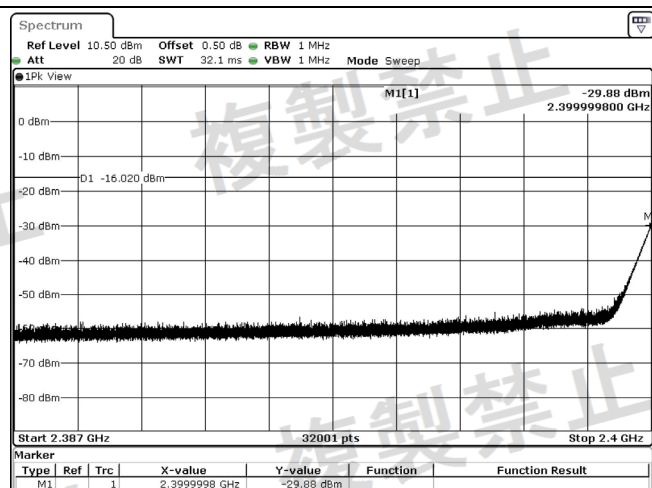
## GFSK (1 Mbps) / 2402 MHz



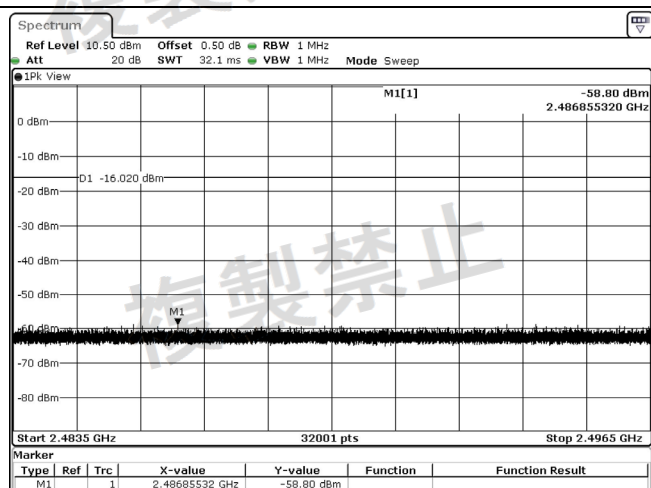
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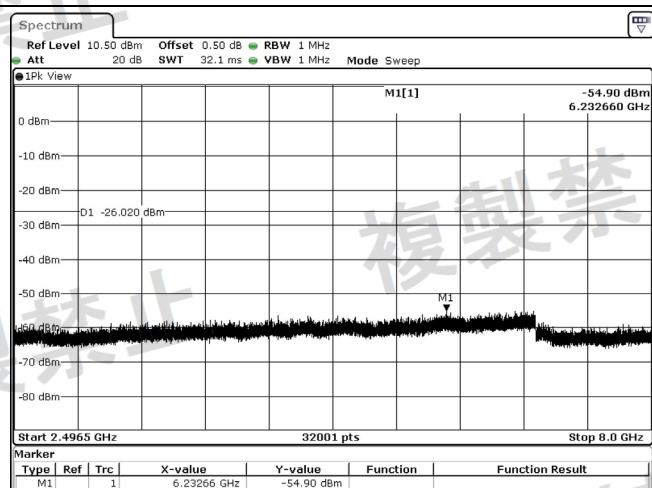
Date: 30 DEC.2025 16:25:12



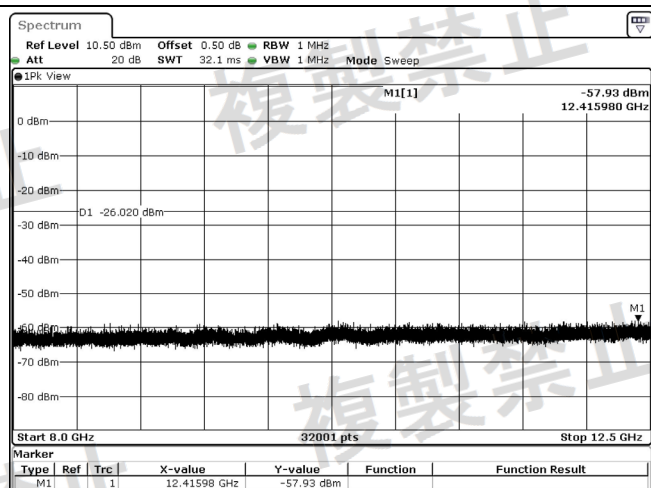
Date: 30 DEC.2025 16:25:27



Date: 30 DEC.2025 16:25:41

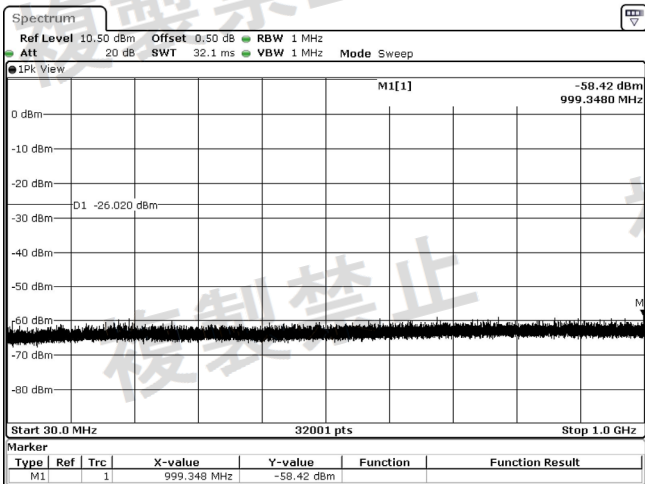


Date: 30 DEC.2025 16:25:56

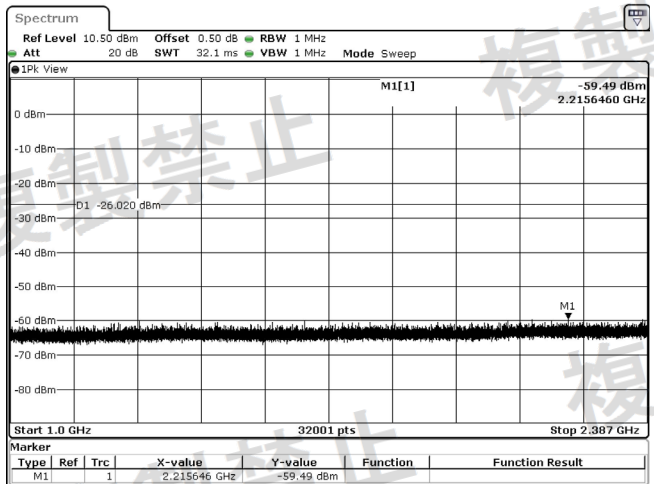


Date: 30 DEC.2025 16:26:10

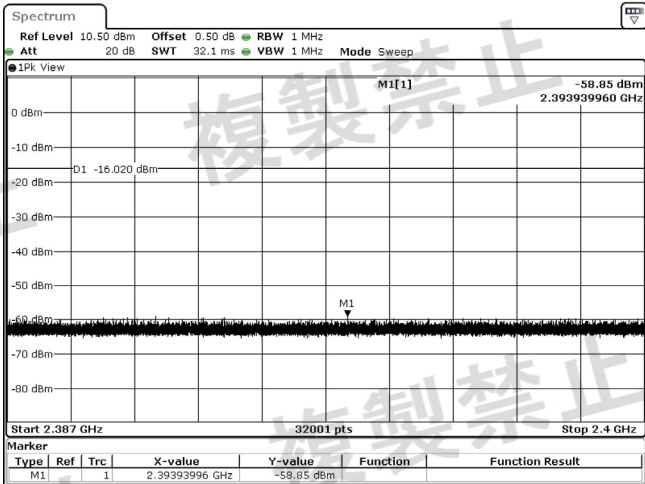
GFSK (1 Mbps) / 2440 MHz



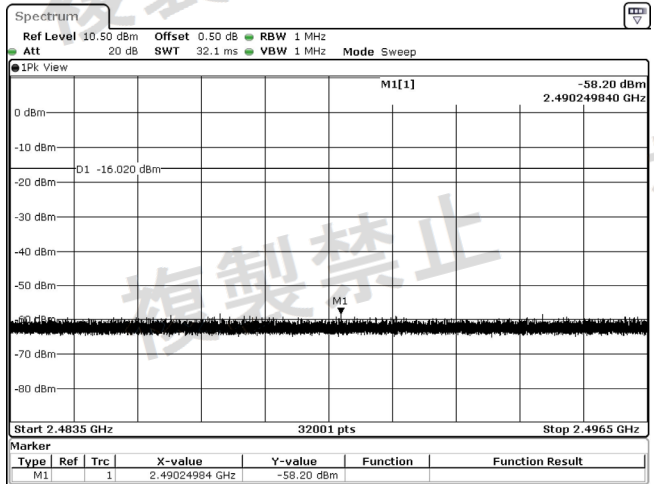
Date: 30 DEC 2025 16:26:50



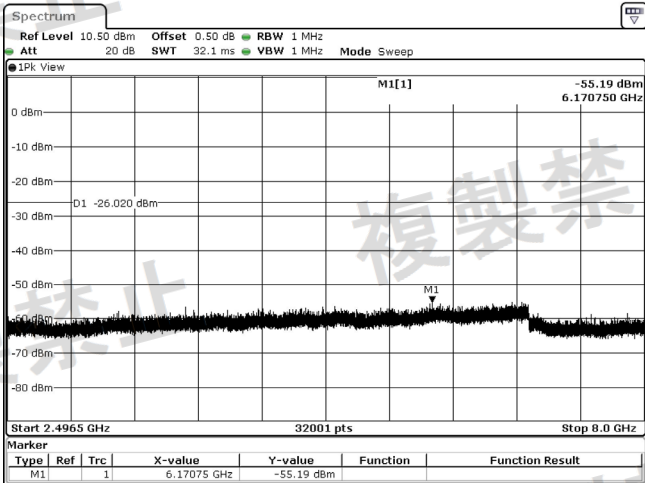
Date: 30 DEC 2025 16:27:05



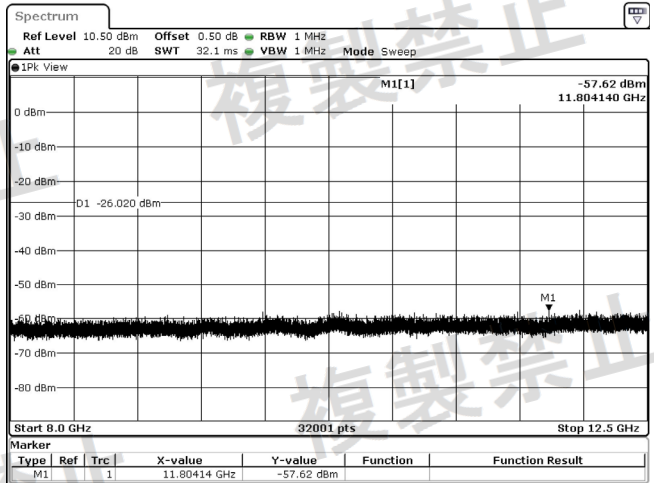
Date: 30 DEC 2025 16:27:19



Date: 30 DEC 2025 16:27:34

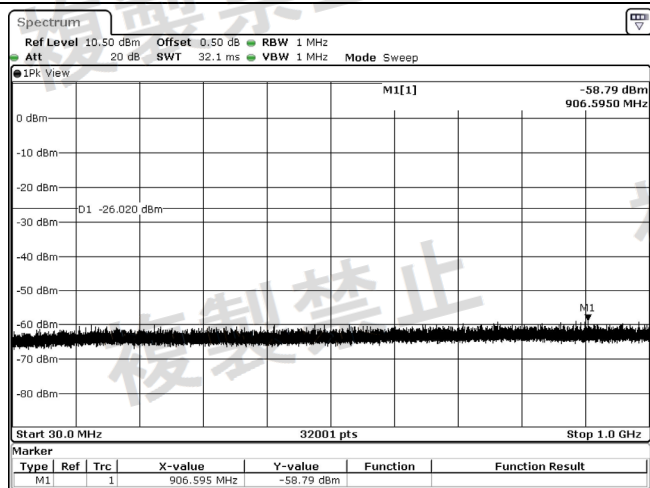


Date: 30 DEC 2025 16:27:49

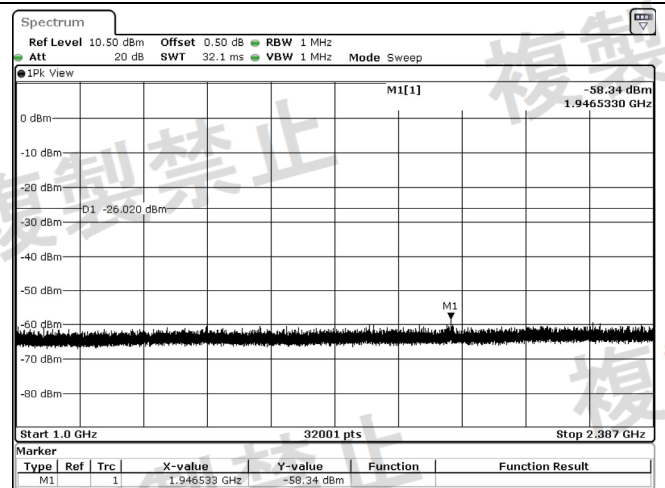


Date: 30 DEC 2025 16:28:03

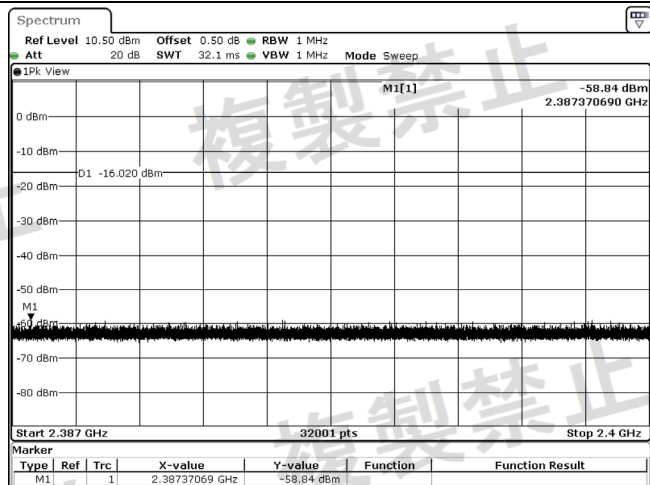
## GFSK (1 Mbps) / 2480 MHz



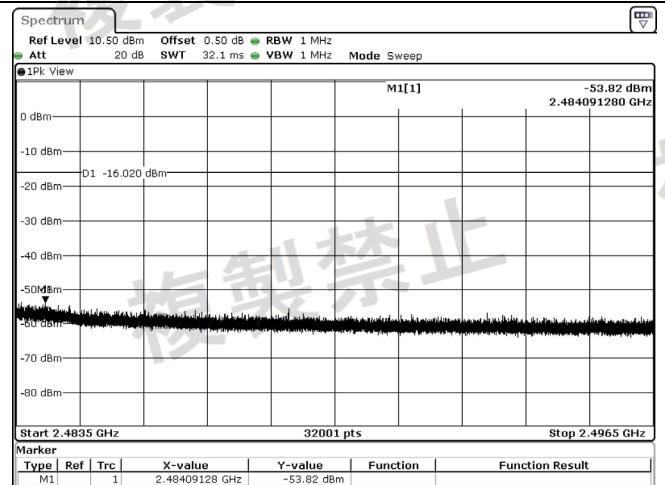
Date: 30 DEC. 2025 16:28:36



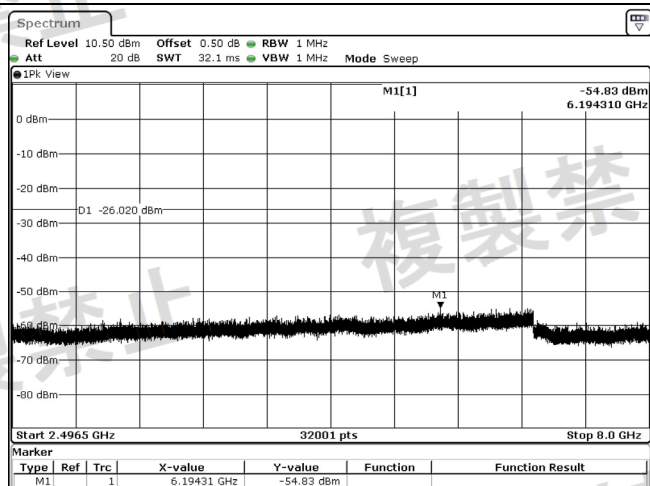
Date: 30 DEC. 2025 16:28:50



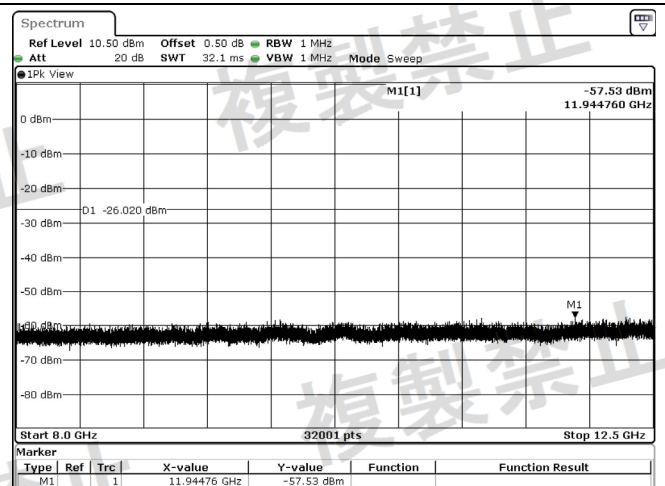
Date: 30 DEC. 2025 16:29:05



Date: 30 DEC. 2025 16:29:19

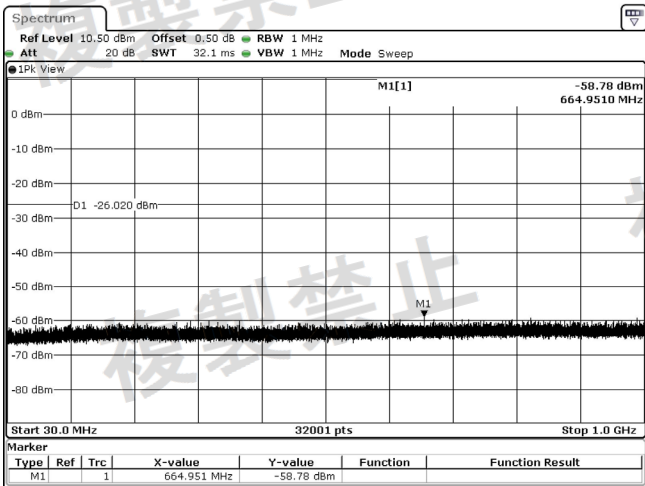


Date: 30 DEC. 2025 16:29:34

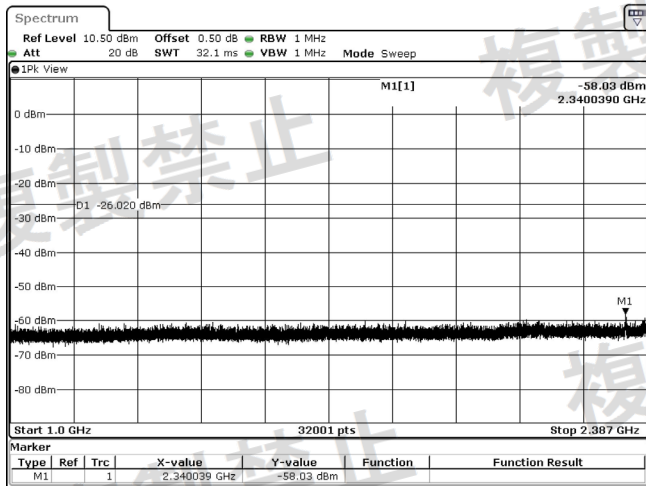


Date: 30 DEC. 2025 16:29:48

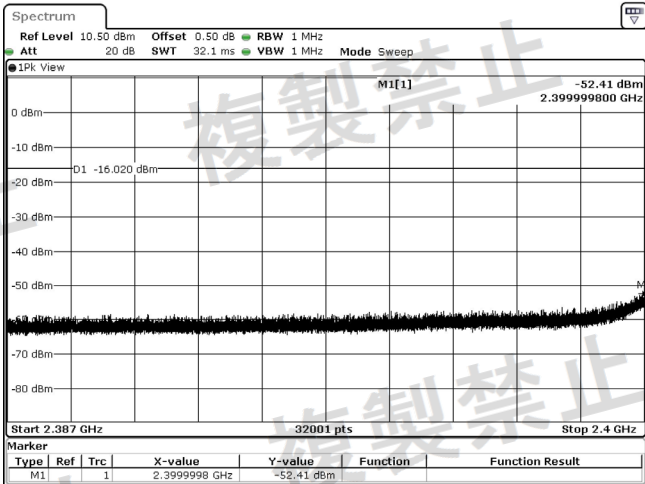
GFSK (2 Mbps) / 2404 MHz



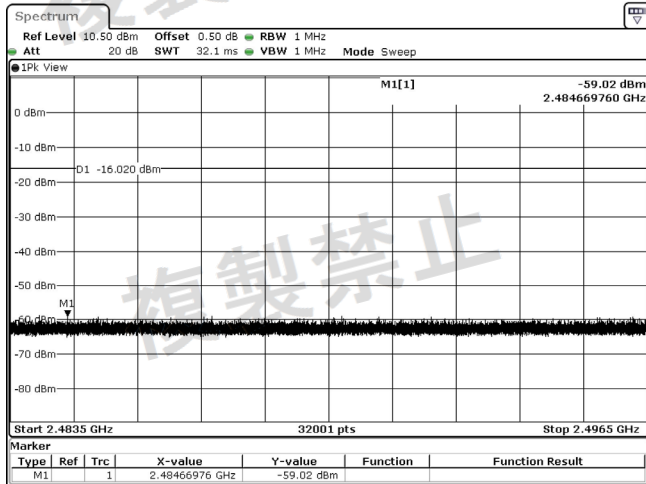
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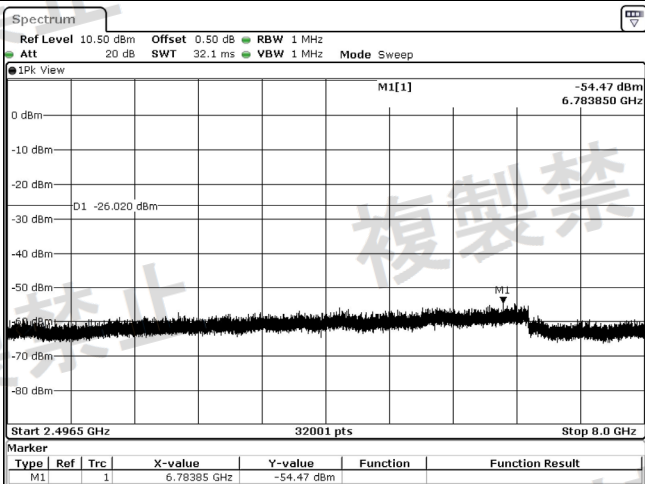
Date: 30 DEC.2025 16:30:37



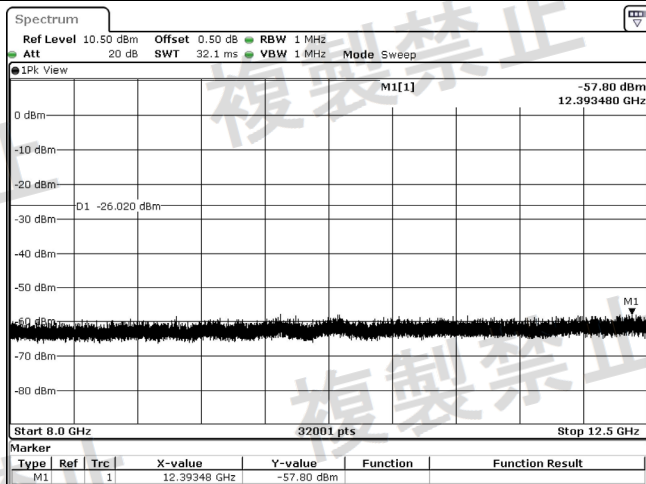
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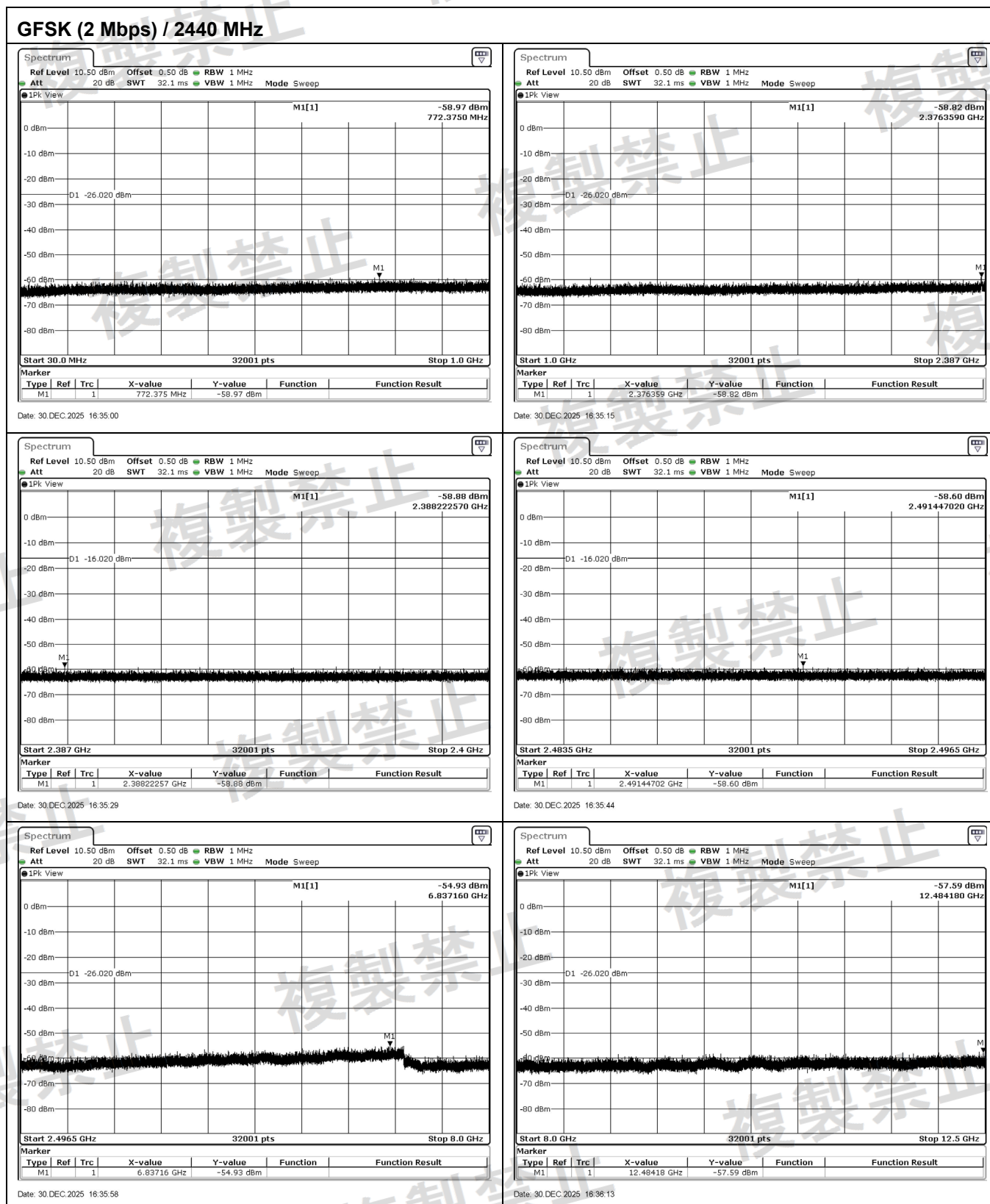
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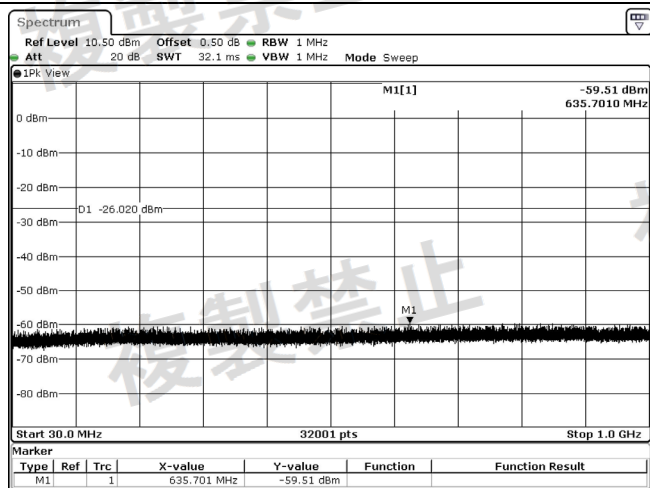


Date: 30 DEC.2025 16:31:21

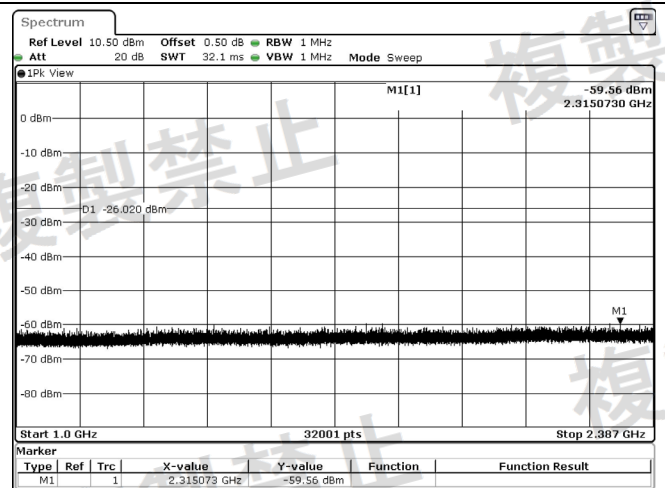


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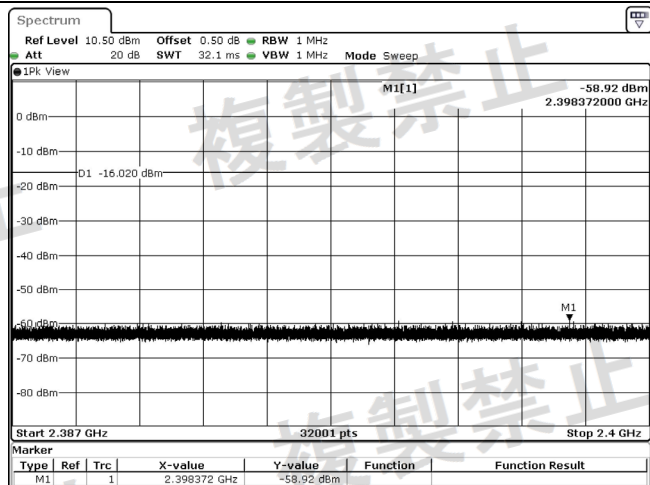


**GFSK (2 Mbps) / 2478 MHz**

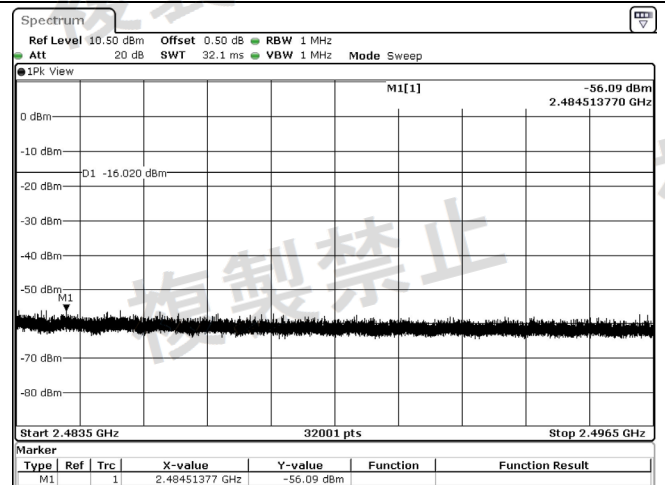
Date: 30 DEC.2025 16:38:47



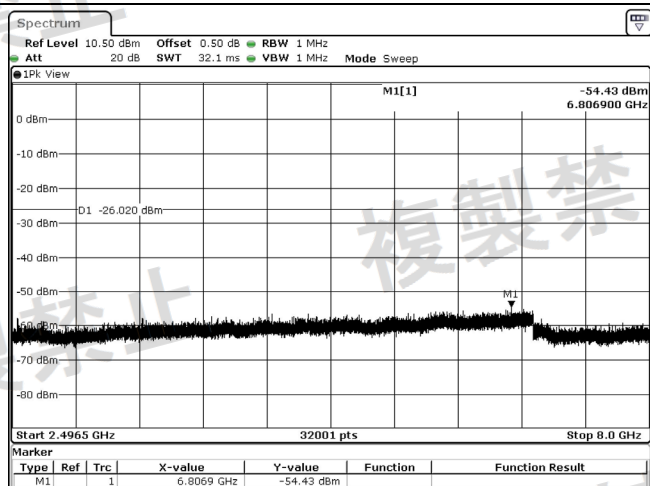
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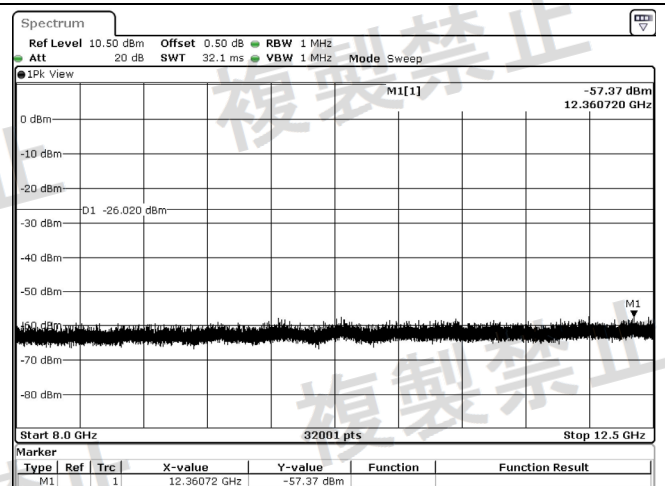
Date: 30 DEC.2025 16:37:17



Date: 30 DEC.2025 16:37:31



Date: 30 DEC.2025 16:37:46



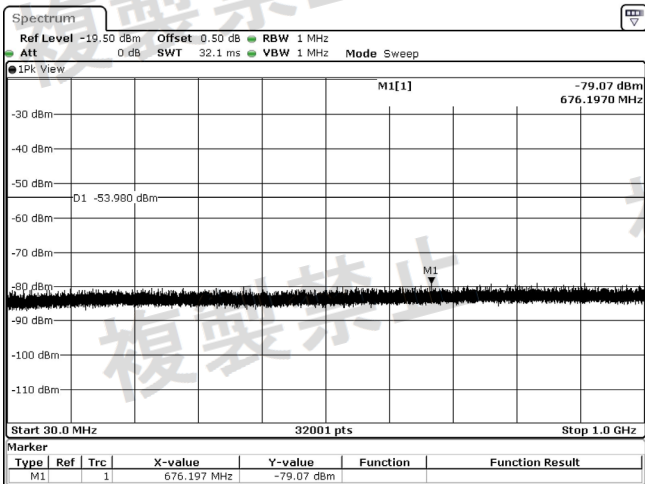
Date: 30 DEC.2025 16:38:00

## Appendix E. Test Result of Receiver Spurious Emissions

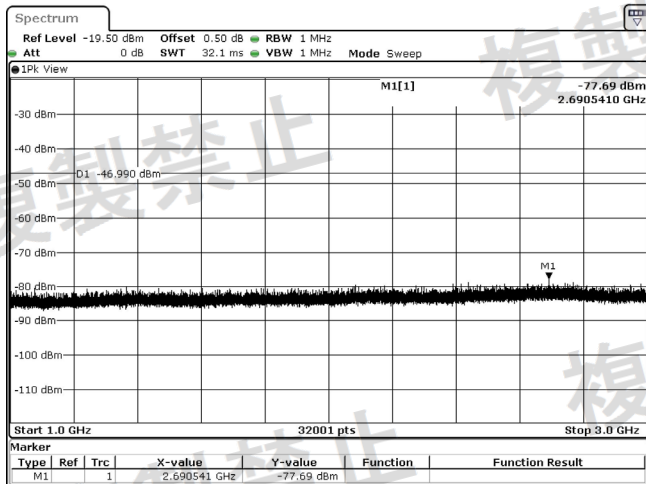
| GFSK (1 Mbps)   |                       |                 |                    |            |
|-----------------|-----------------------|-----------------|--------------------|------------|
| Frequency (MHz) | Frequency Range (MHz) | Frequency (MHz) | Reading Value (nW) | Limit (nW) |
| 2402            | 30 - 1000             | 676.20          | 0.012388           | 4          |
|                 | 1000 - 3000           | 2690.54         | 0.017022           | 20         |
|                 | 3000 - 8000           | 6848.24         | 0.034198           | 20         |
|                 | 8000 - 12500          | 9824.76         | 0.017100           | 20         |
| 2440            | 30 - 1000             | 985.41          | 0.012359           | 4          |
|                 | 1000 - 3000           | 2677.85         | 0.013740           | 20         |
|                 | 3000 - 8000           | 6944.49         | 0.040087           | 20         |
|                 | 8000 - 12500          | 12194.22        | 0.018707           | 20         |
| 2480            | 30 - 1000             | 887.65          | 0.011455           | 4          |
|                 | 1000 - 3000           | 2616.67         | 0.014191           | 20         |
|                 | 3000 - 8000           | 6862.93         | 0.030620           | 20         |
|                 | 8000 - 12500          | 12200.27        | 0.021281           | 20         |

| GFSK (2 Mbps)   |                       |                 |                    |            |
|-----------------|-----------------------|-----------------|--------------------|------------|
| Frequency (MHz) | Frequency Range (MHz) | Frequency (MHz) | Reading Value (nW) | Limit (nW) |
| 2404            | 30 - 1000             | 430.40          | 0.011858           | 4          |
|                 | 1000 - 3000           | 2700.60         | 0.012618           | 20         |
|                 | 3000 - 8000           | 6155.92         | 0.032063           | 20         |
|                 | 8000 - 12500          | 12123.35        | 0.017947           | 20         |
| 2440            | 30 - 1000             | 712.51          | 0.012560           | 4          |
|                 | 1000 - 3000           | 2805.10         | 0.012445           | 20         |
|                 | 3000 - 8000           | 6945.42         | 0.031477           | 20         |
|                 | 8000 - 12500          | 12069.91        | 0.024660           | 20         |
| 2478            | 30 - 1000             | 808.87          | 0.012706           | 4          |
|                 | 1000 - 3000           | 2656.04         | 0.012972           | 20         |
|                 | 3000 - 8000           | 6912.14         | 0.035975           | 20         |
|                 | 8000 - 12500          | 11568.04        | 0.020606           | 20         |

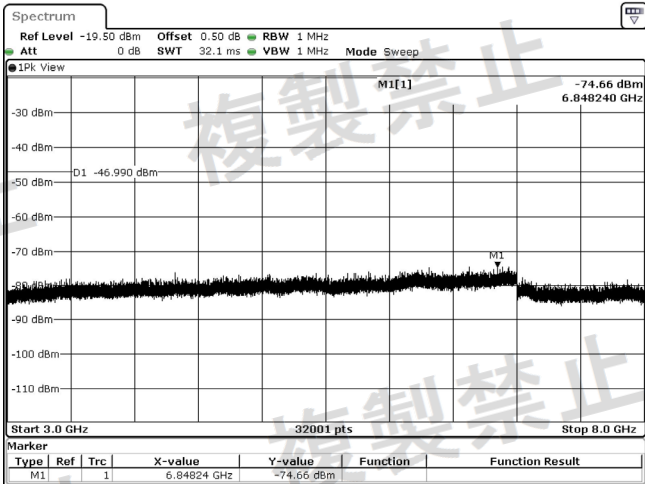
GFSK (1 Mbps) / 2402 MHz



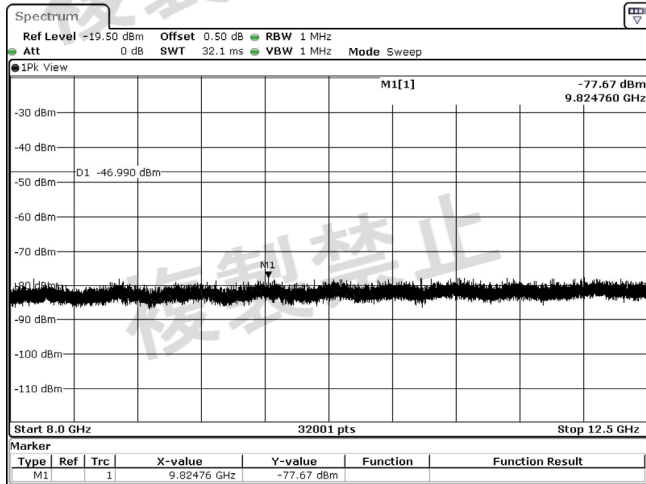
Date: 30 DEC.2025 16:41:57



Date: 30 DEC.2025 16:42:11

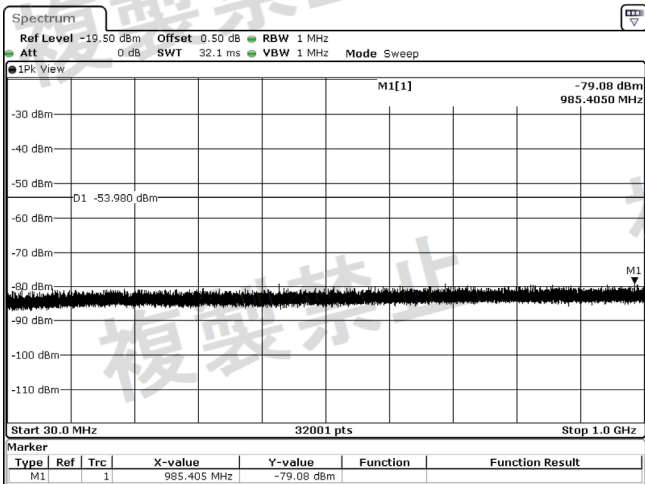


Date: 30 DEC.2025 16:42:26

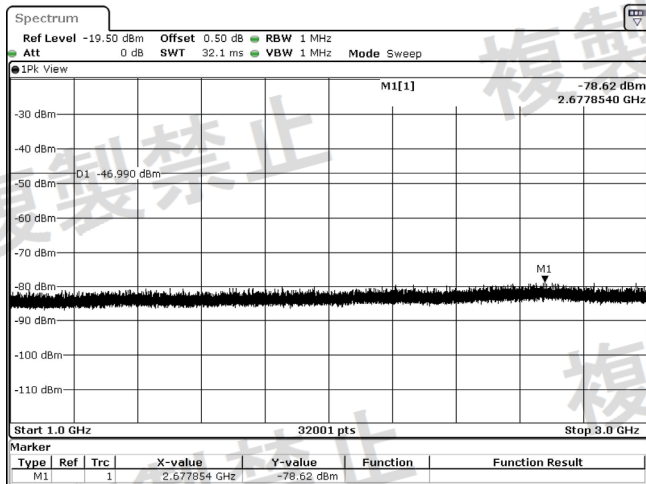


Date: 30 DEC.2025 16:42:40

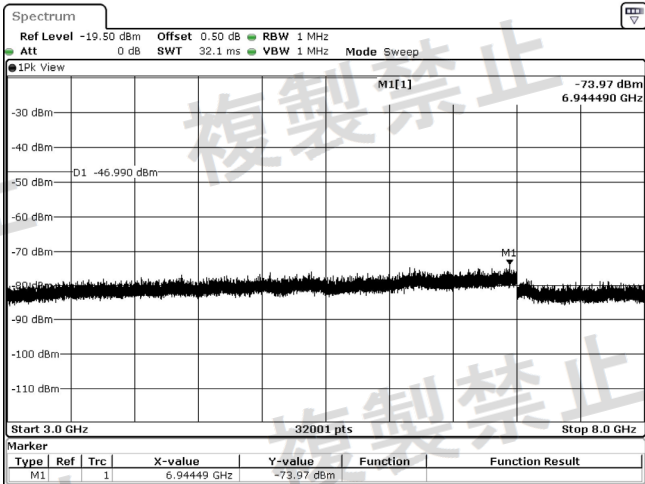
GFSK (1 Mbps) / 2440 MHz



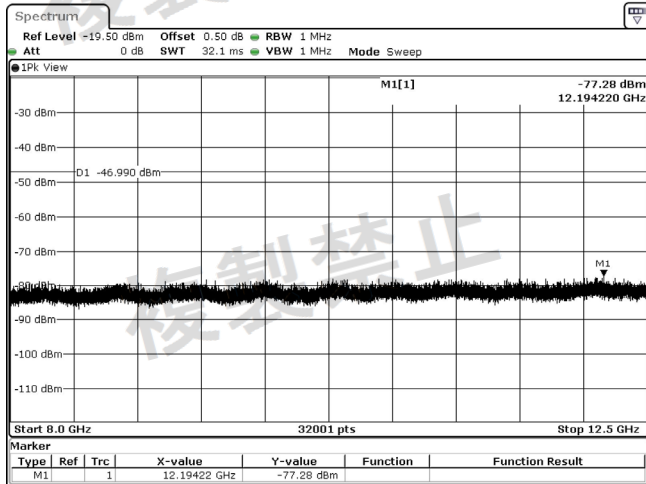
Date: 30 DEC. 2025 16:43:47



Date: 30 DEC. 2025 16:44:02

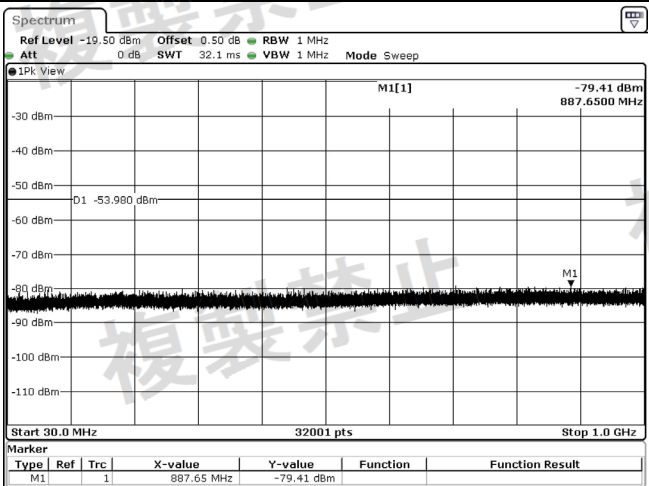


Date: 30 DEC. 2025 16:44:16

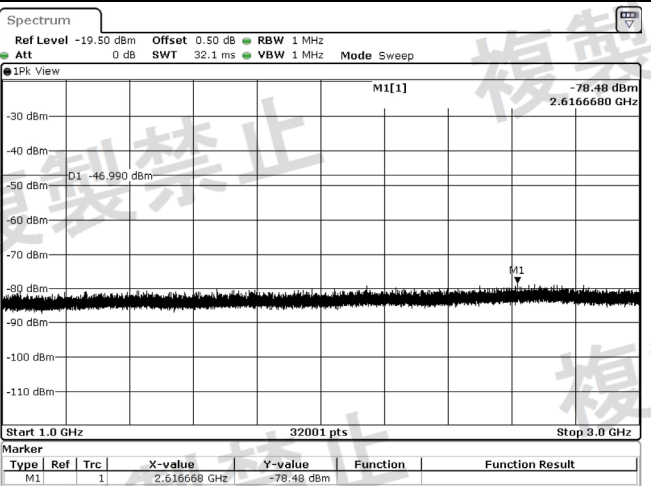


Date: 30 DEC. 2025 16:44:31

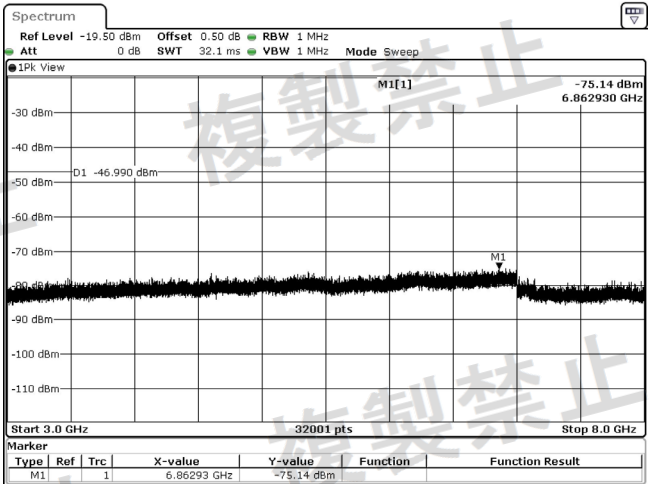
GFSK (1 Mbps) / 2480 MHz



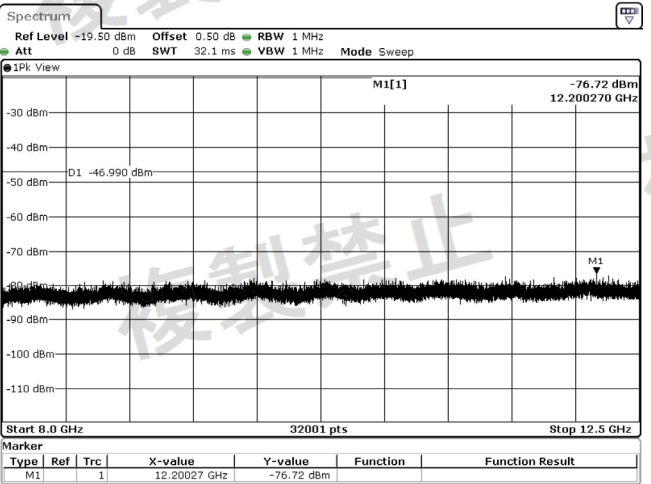
Date: 30 DEC. 2025 16:49:21



Date: 30 DEC. 2025 16:49:36

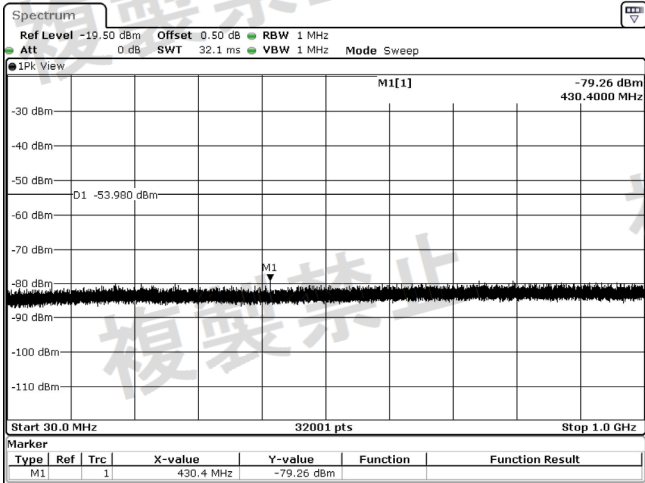


Date: 30 DEC. 2025 16:49:50

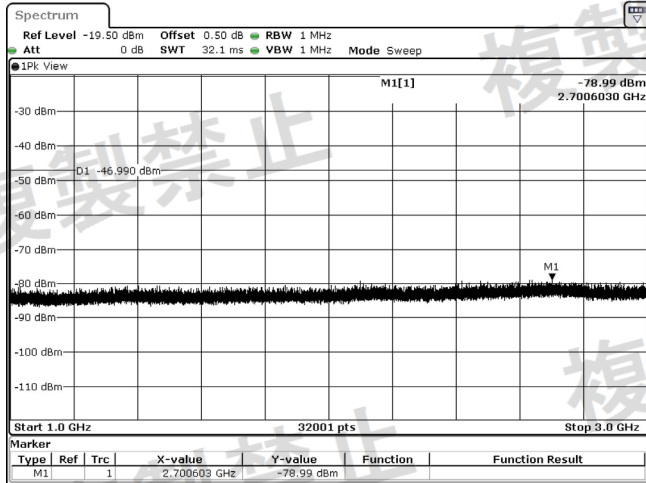


Date: 30 DEC. 2025 16:50:05

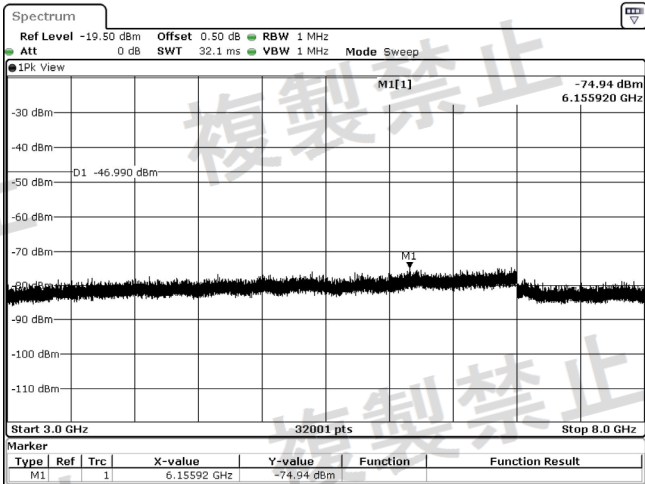
GFSK (2 Mbps) / 2404 MHz



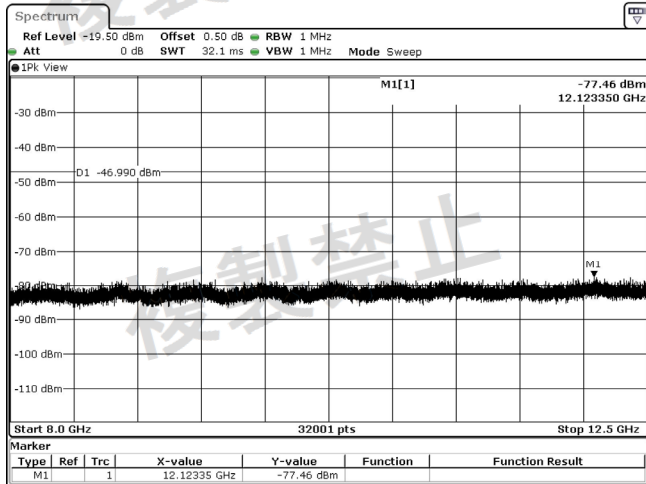
Date: 30 DEC.2025 16:50:30



Date: 30 DEC.2025 16:50:44

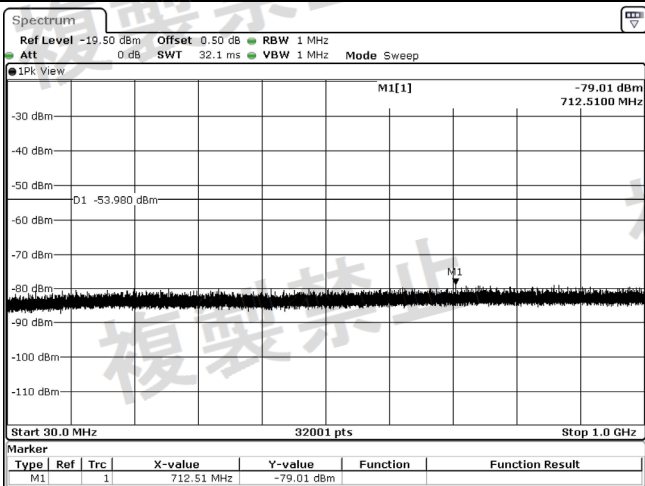


Date: 30 DEC.2025 16:50:59

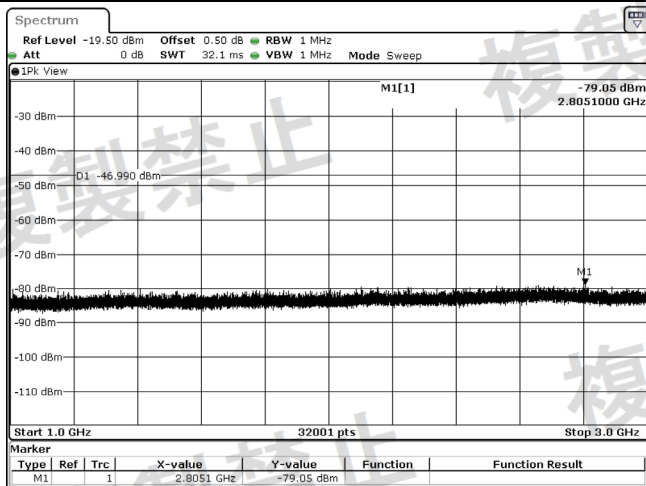


Date: 30 DEC.2025 16:51:14

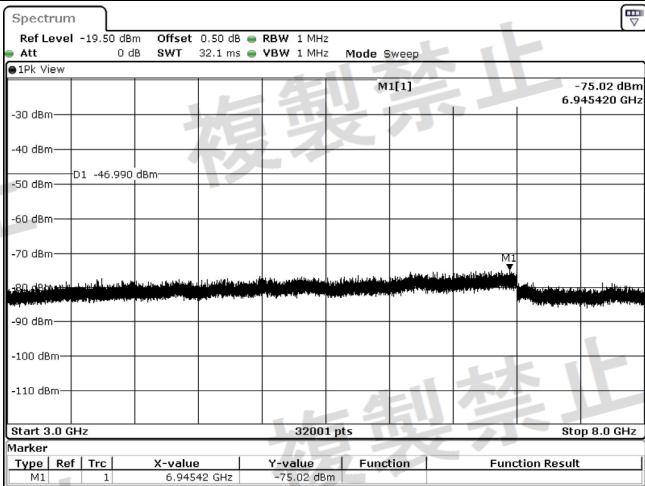
GFSK (2 Mbps) / 2440 MHz



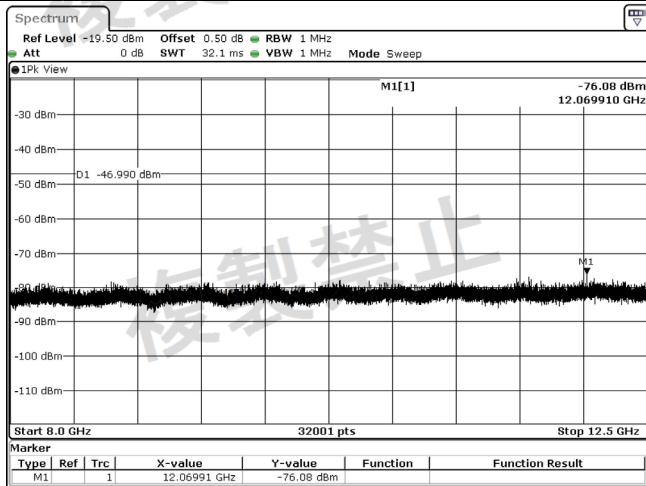
Date: 30 DEC.2025 16:51:38



Date: 30 DEC.2025 16:51:52

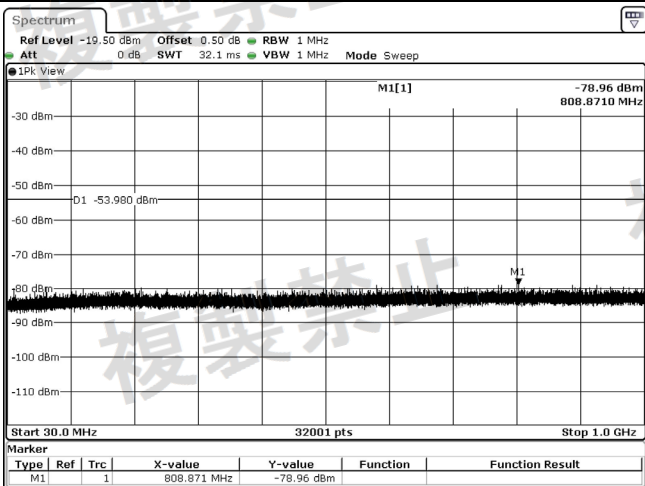


Date: 30 DEC.2025 16:52:07

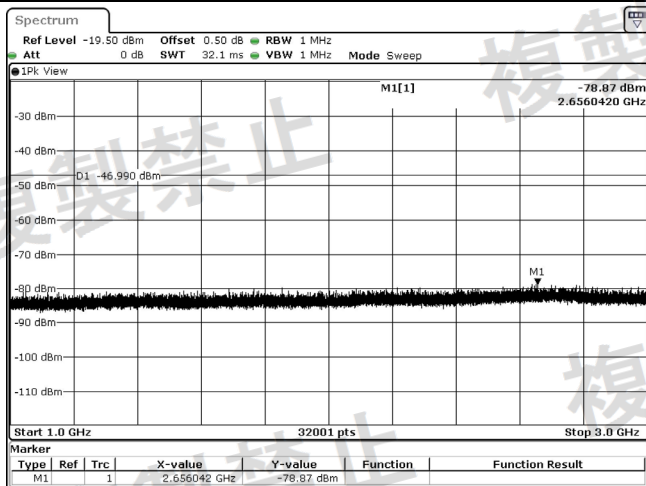


Date: 30 DEC.2025 16:52:21

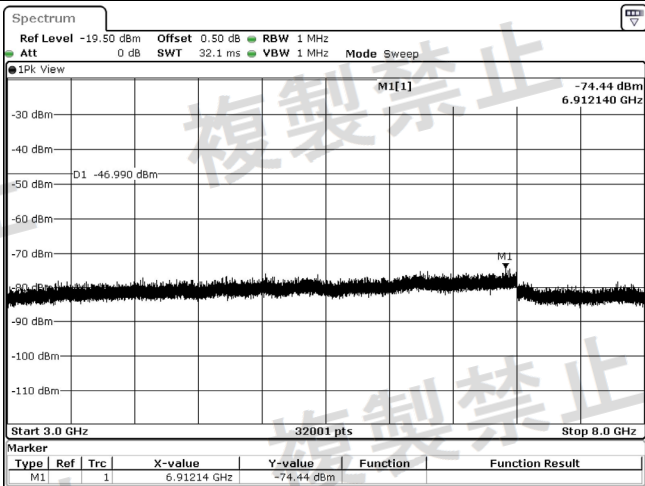
GFSK (2 Mbps) / 2478 MHz



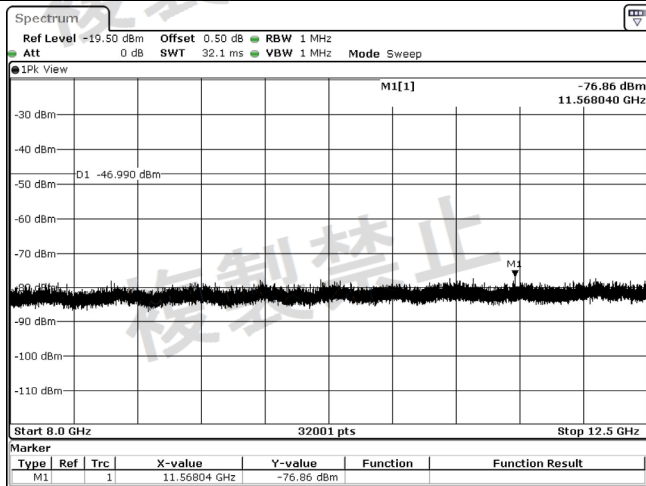
Date: 30 DEC. 2025 16:52:40



Date: 30 DEC. 2025 16:52:54



Date: 30 DEC. 2025 16:53:09



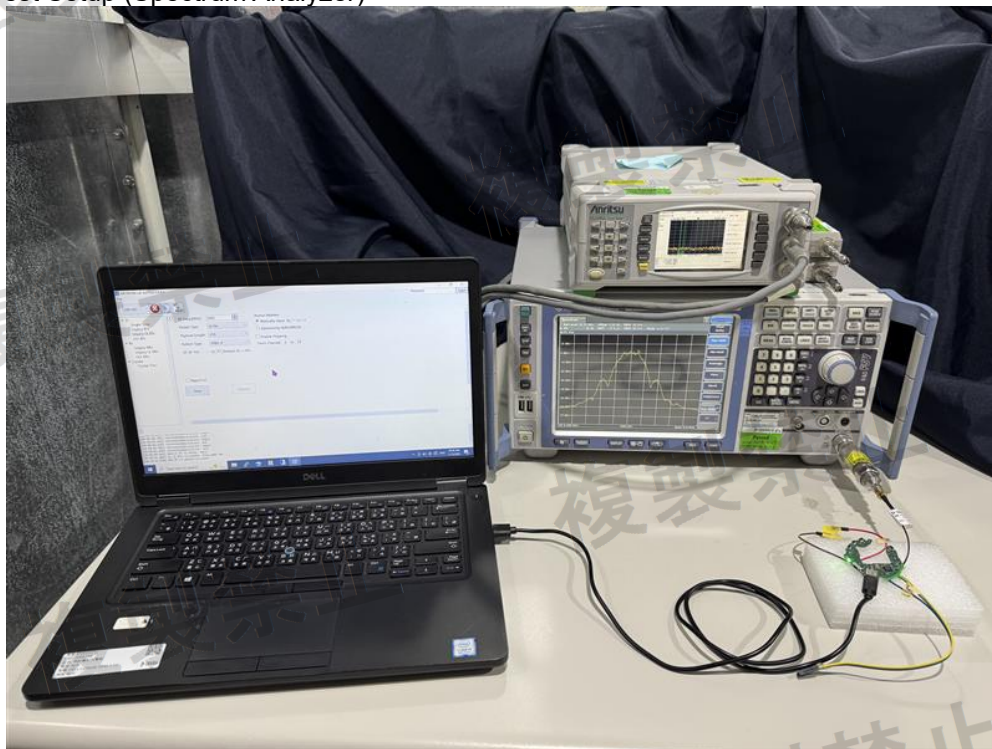
Date: 30 DEC. 2025 16:53:24

**Appendix F. Test Result of Interference Prevention Function**

| Test Mode   | Test Result |
|-------------|-------------|
| Normal Link | Pass        |

## Appendix G. Test Photograph

Description: Test Setup (Spectrum Analyzer)



Description: Test Setup (Power Meter)

