

Appendix A.1 Test Result of Antenna Power

GFSK (1 Mbps)			
Frequency (MHz)	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Limit (mW)
2402	5.46	3.52	10
2440	5.74	3.75	10
2480	6.02	4.00	10

GFSK (2 Mbps)			
Frequency (MHz)	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Limit (mW)
2404	5.47	3.52	10
2440	5.73	3.74	10
2478	6.00	3.98	10

Appendix A.2 Test Result of Antenna Power Tolerance

GFSK (1 Mbps)				
Frequency (MHz)	Declared Antenna Power (mW)	Antenna Power (mW)	Tolerance (%)	Limit (%)
2402	4.00	3.52	-12.10	+20
2440	4.00	3.75	-6.24	+20
2480	4.00	4.00	0.00	+20

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

GFSK (2 Mbps)				
Frequency (MHz)	Declared Antenna Power (mW)	Antenna Power (mW)	Tolerance (%)	Limit (%)
2404	3.98	3.52	-11.49	+20
2440	3.98	3.74	-6.03	+20
2478	3.98	3.98	0.00	+20

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

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

GFSK (1 Mbps)			
Frequency (MHz)	Antenna Power (dBm)	EIRP (dBm)	Limit (dBm)
2402	5.46	8.30	12.14
2440	5.74	8.58	12.14
2480	6.02	8.86	12.14

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

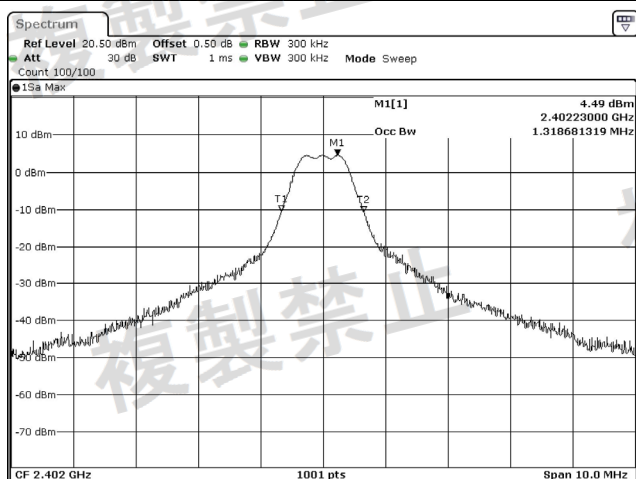
GFSK (2 Mbps)			
Frequency (MHz)	Antenna Power (dBm)	EIRP (dBm)	Limit (dBm)
2404	5.47	8.31	12.14
2440	5.73	8.57	12.14
2478	6.00	8.84	12.14

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

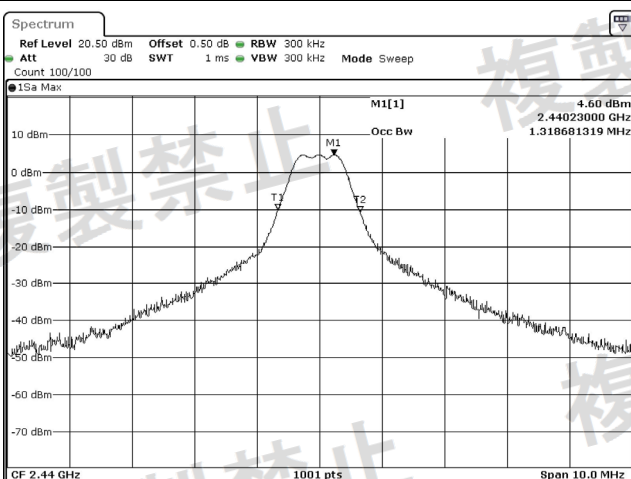
Appendix B. Test Result of Occupied Bandwidth

GFSK (1 Mbps)		
Frequency (MHz)	Reading Value (MHz)	Limit (MHz)
2402	1.31	≤ 26
2440	1.31	≤ 26
2480	1.31	≤ 26

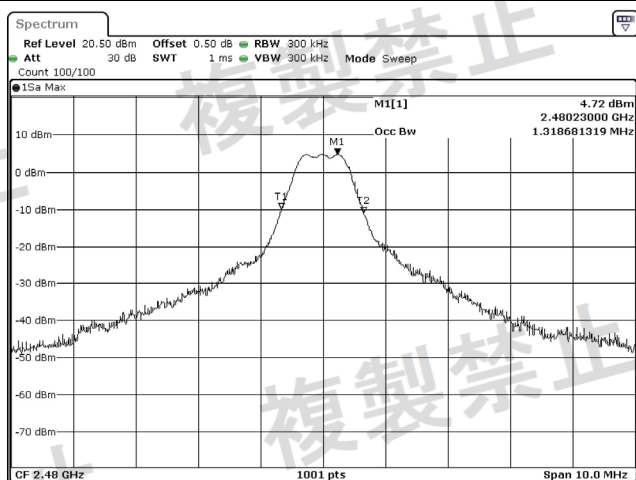
GFSK (2 Mbps)		
Frequency (MHz)	Reading Value (MHz)	Limit (MHz)
2404	2.20	≤ 26
2440	2.20	≤ 26
2478	2.20	≤ 26

GFSK (1 Mbps) / 2402 MHz

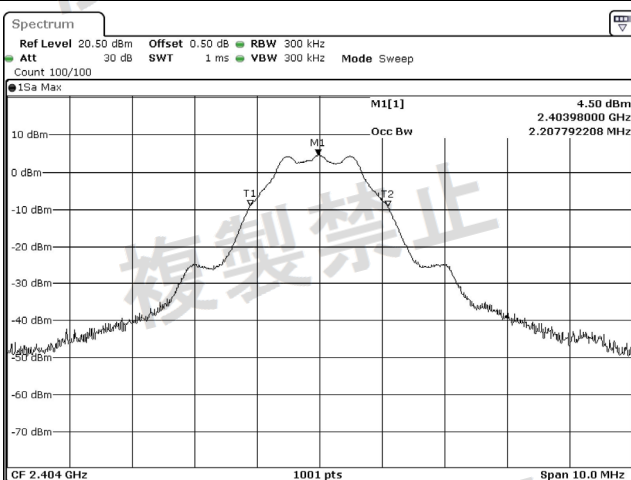
Date: 13.MAR.2026 15:59:15

GFSK (1 Mbps) / 2440 MHz

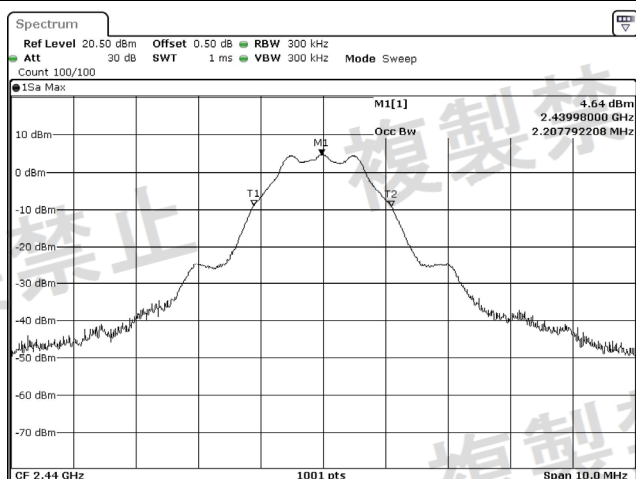
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GFSK (1 Mbps) / 2480 MHz

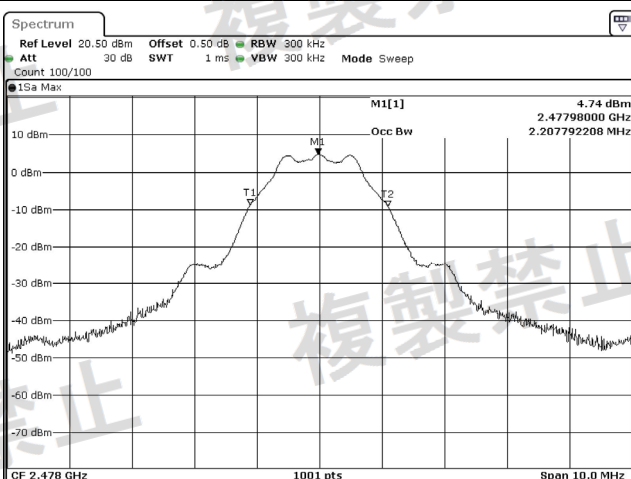
Date: 13.MAR.2026 16:08:28

GFSK (2 Mbps) / 2404 MHz

Date: 13.MAR.2026 16:14:46

GFSK (2 Mbps) / 2440 MHz

Date: 13.MAR.2026 16:18:12

GFSK (2 Mbps) / 2478 MHz

Date: 13.MAR.2026 16:20:44

Appendix C. Test Result of Frequency Tolerance

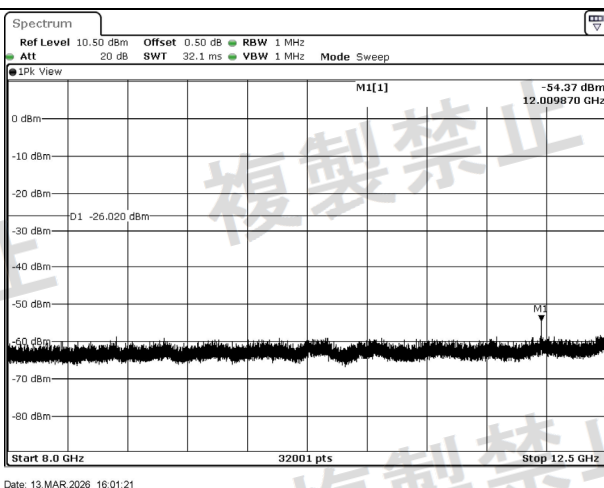
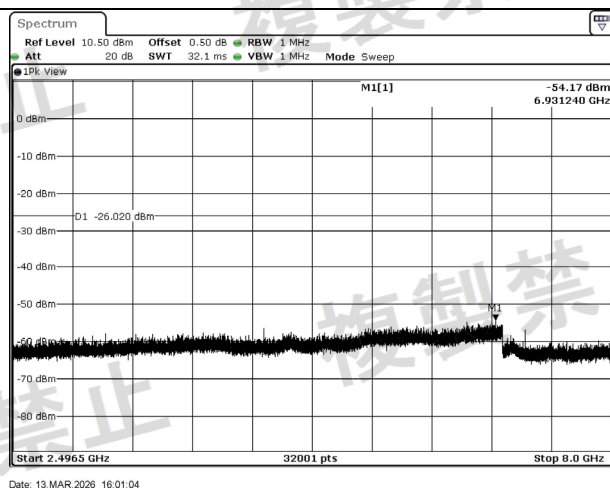
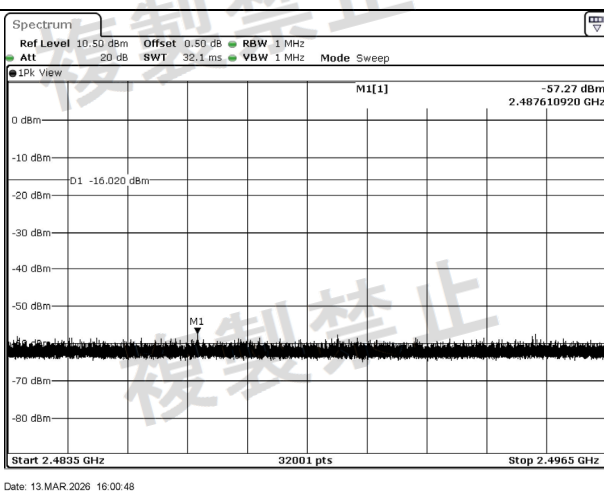
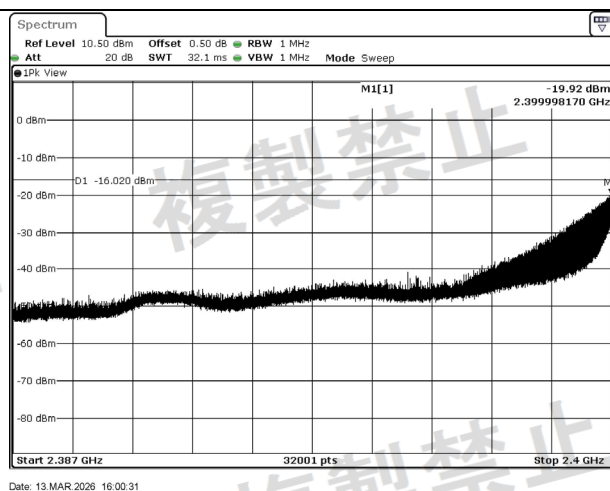
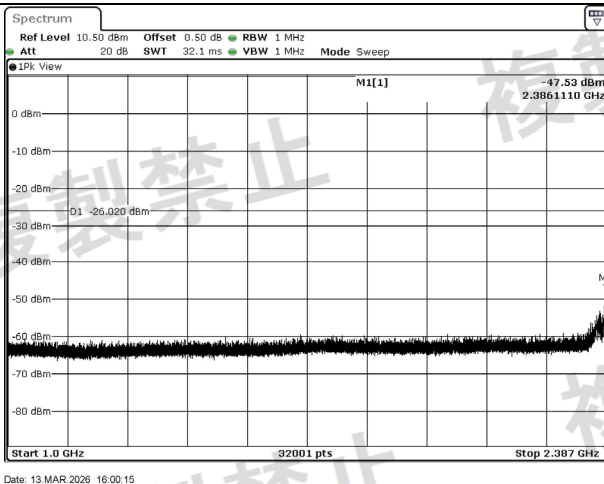
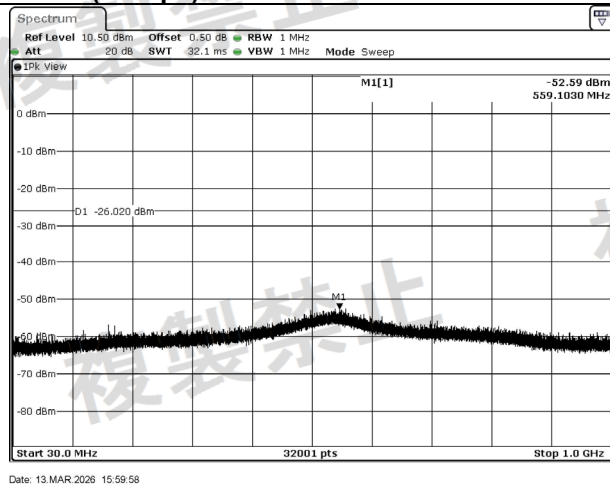
GFSK (1 Mbps)			
Frequency (MHz)	Reading Value (MHz)	Tolerance (ppm)	Limit (ppm)
2402	2401.9700	-12.4896	± 50
2440	2439.9700	-12.2951	± 50
2480	2479.9700	-12.0968	± 50

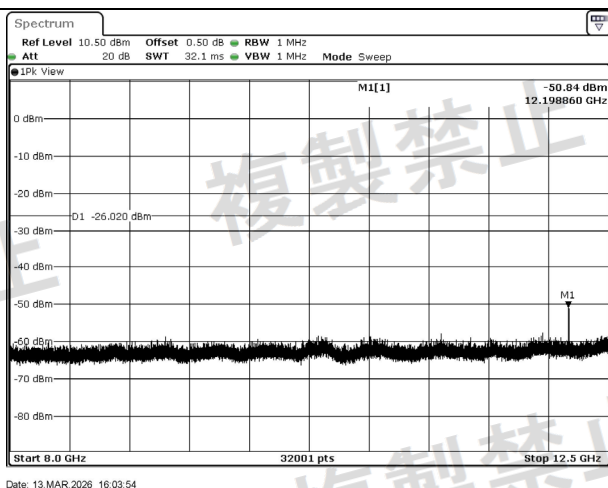
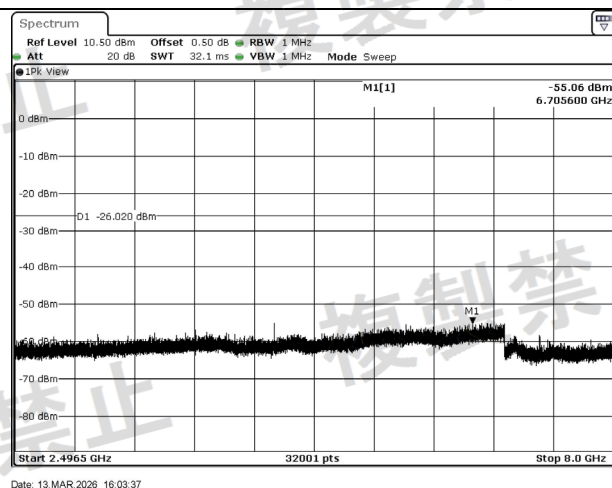
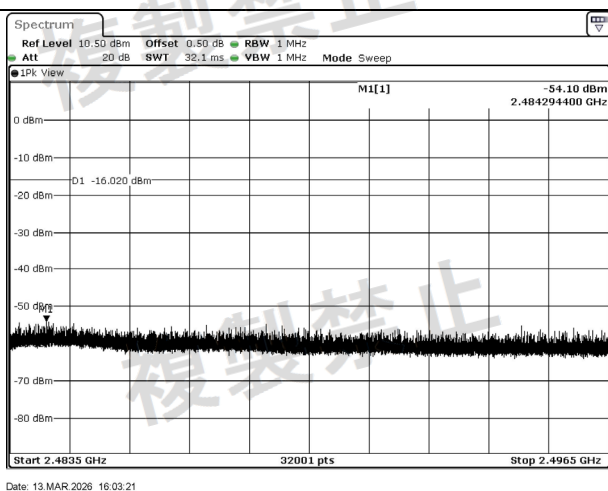
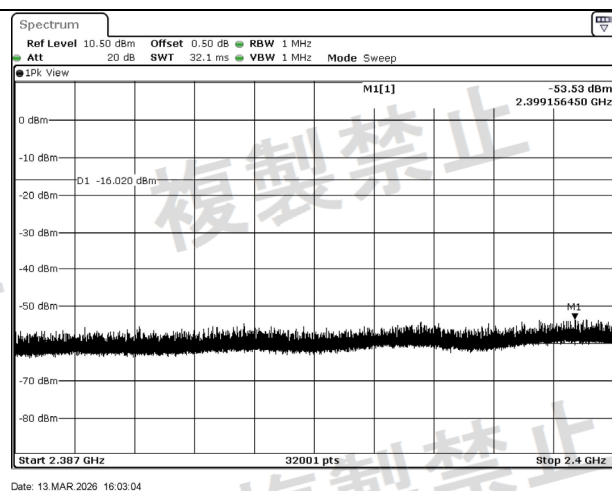
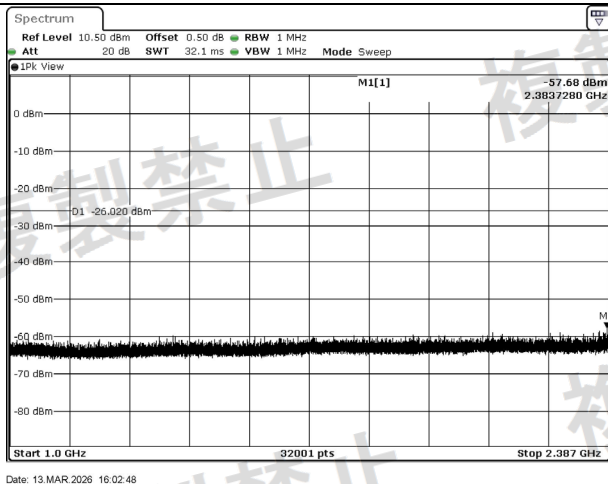
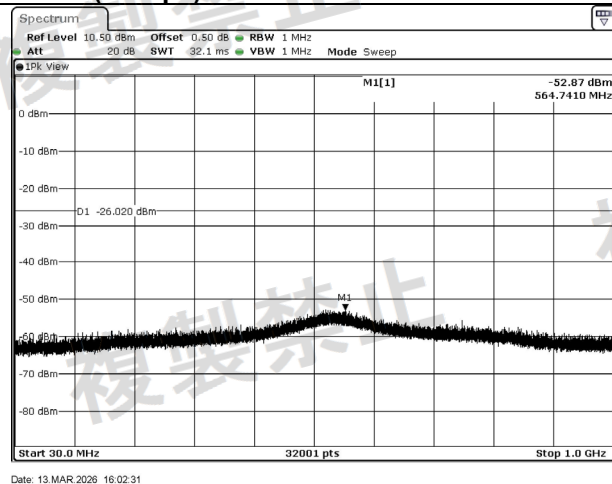
GFSK (2 Mbps)			
Frequency (MHz)	Reading Value (MHz)	Tolerance (ppm)	Limit (ppm)
2404	2403.9700	-12.4792	± 50
2440	2439.9700	-12.2951	± 50
2478	2477.9700	-12.1065	± 50

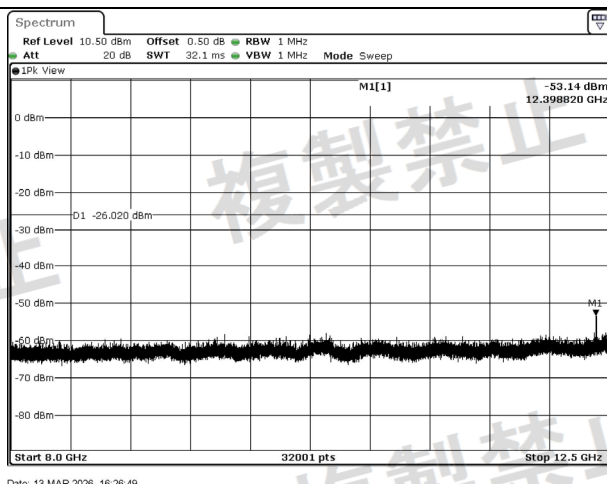
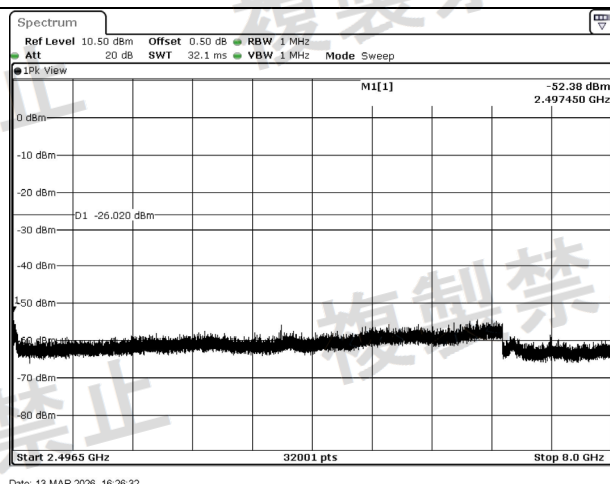
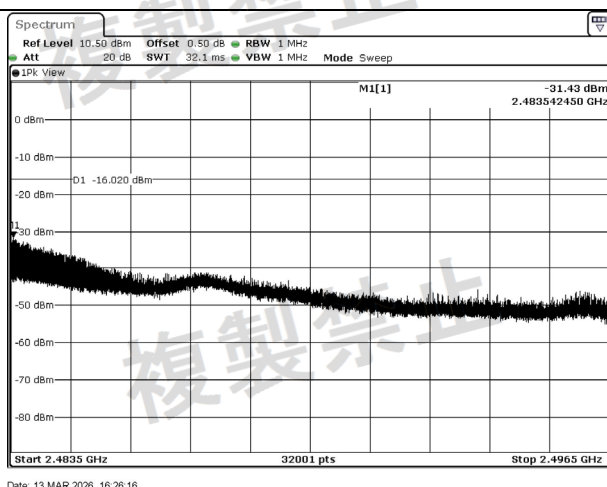
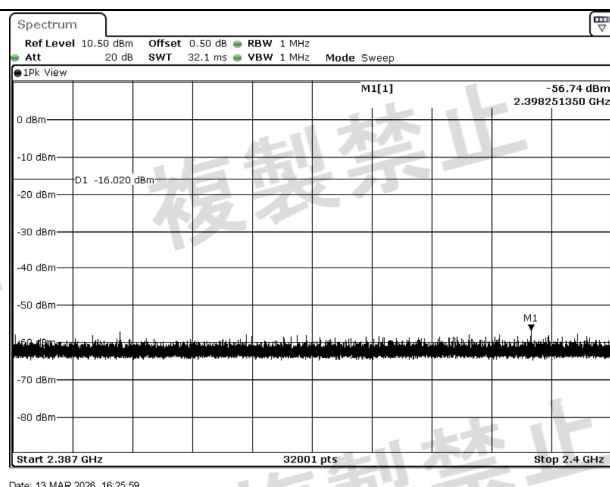
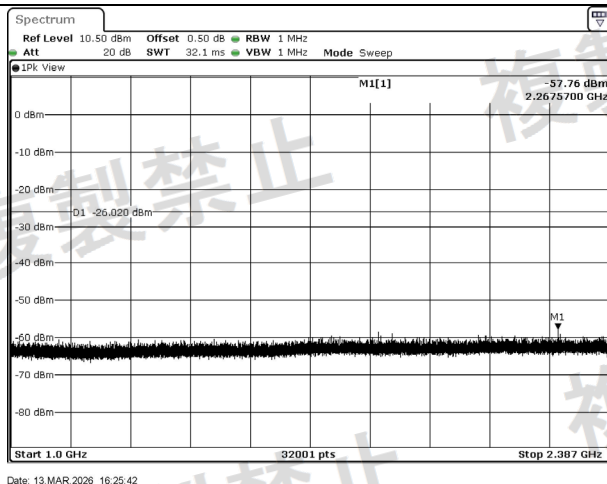
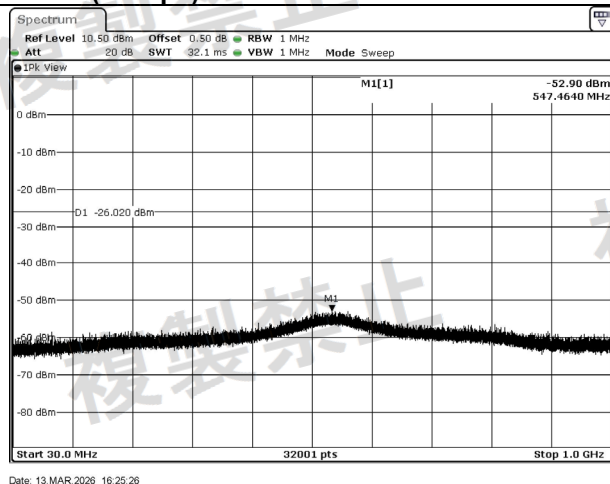
Appendix D. Test Result of Transmitter Spurious Emissions

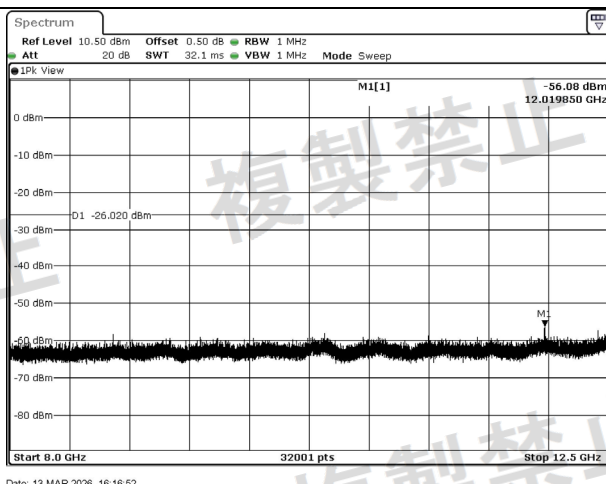
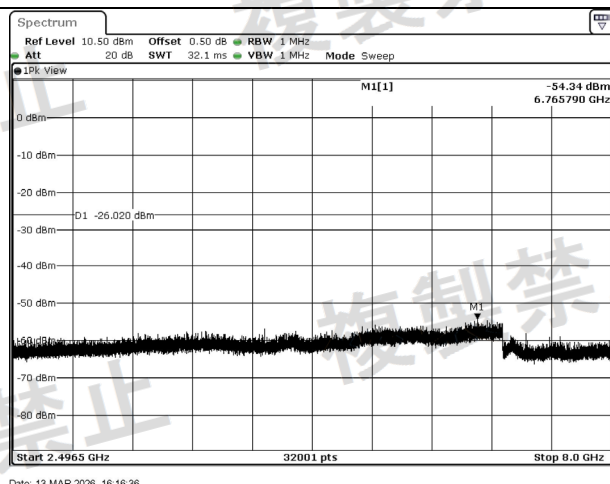
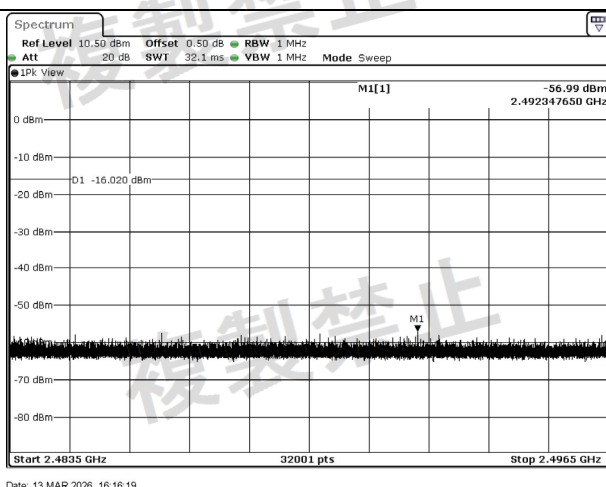
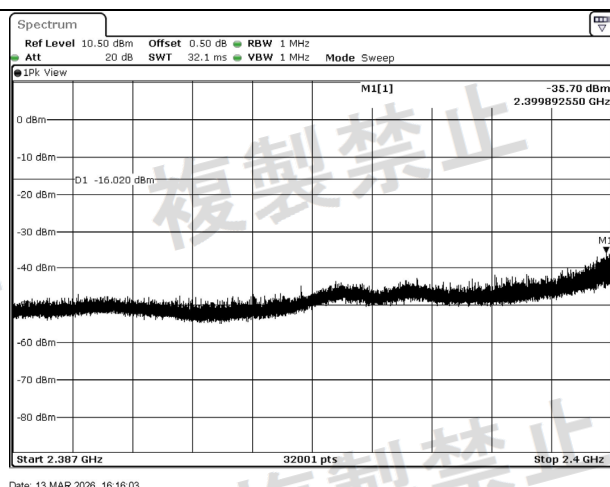
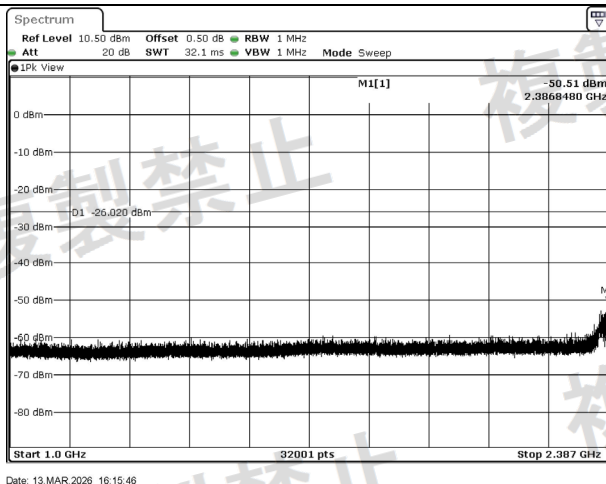
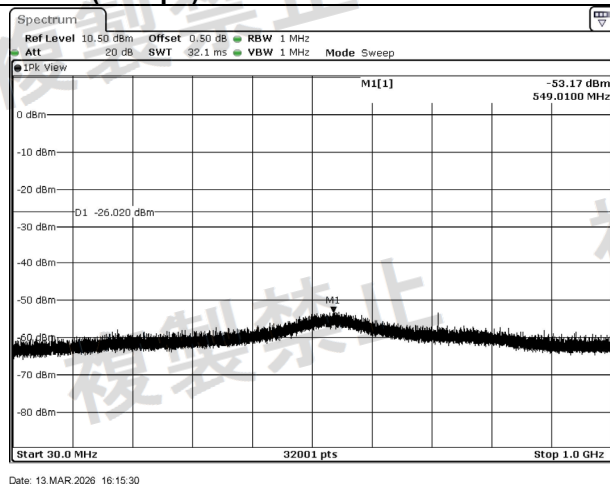
GFSK (1 Mbps)				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (μW/MHz)	Limit (μW/MHz)
2402	30 - 1000	559.10	0.005508	2.5
	1000 - 2387	2386.11	0.017660	2.5
	2387 - 2400	2400.00	10.185914	25
	2483.5 - 2496.5	2487.61	0.001875	25
	2496.5 - 8000	6931.24	0.003828	2.5
	8000 - 12500	12009.87	0.003656	2.5
2440	30 - 1000	564.74	0.005164	2.5
	1000 - 2387	2383.73	0.001706	2.5
	2387 - 2400	2399.16	0.004436	25
	2483.5 - 2496.5	2484.29	0.003890	25
	2496.5 - 8000	6705.60	0.003119	2.5
	8000 - 12500	12198.86	0.008241	2.5
2480	30 - 1000	547.46	0.005129	2.5
	1000 - 2387	2267.57	0.001675	2.5
	2387 - 2400	2398.25	0.002118	25
	2483.5 - 2496.5	2483.54	0.719449	25
	2496.5 - 8000	2497.45	0.005781	2.5
	8000 - 12500	12398.82	0.004853	2.5

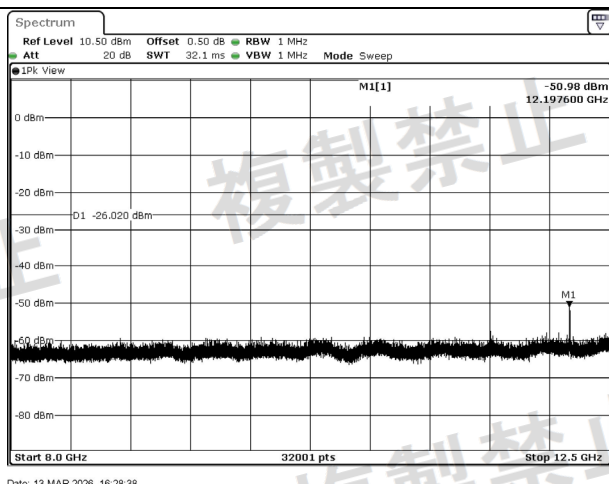
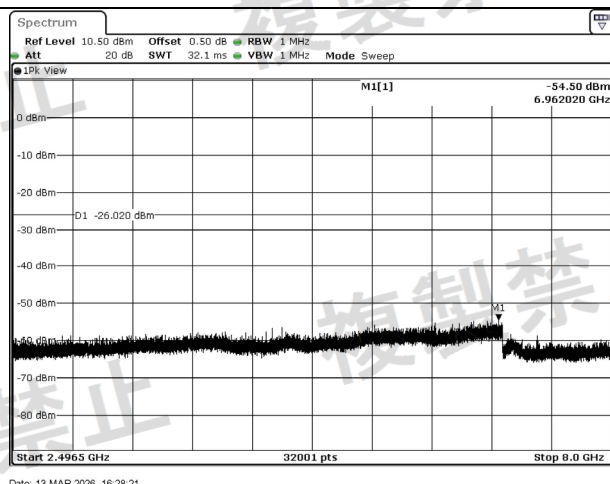
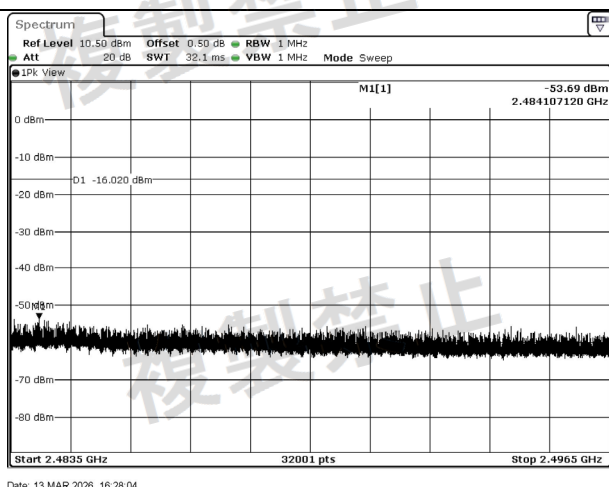
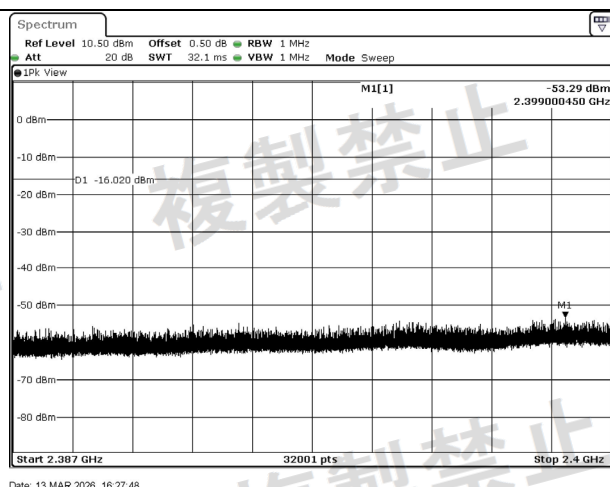
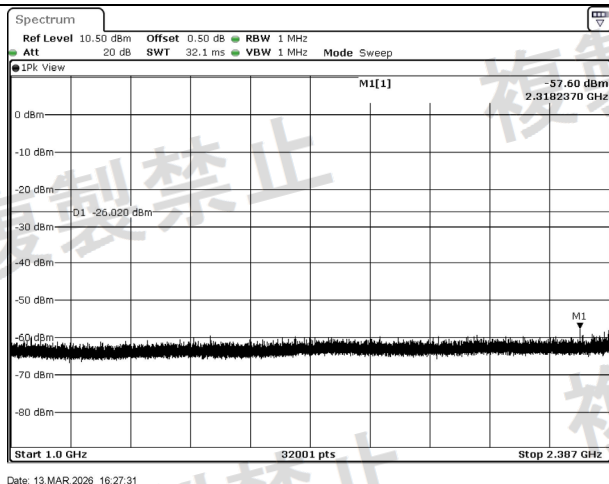
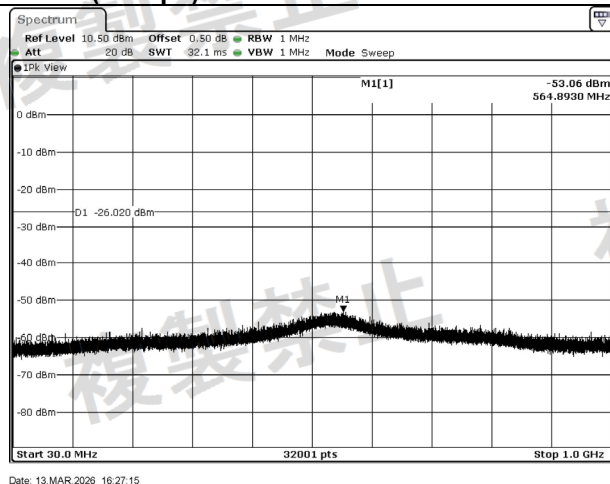
GFSK (2 Mbps)				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value ($\mu\text{W}/\text{MHz}$)	Limit ($\mu\text{W}/\text{MHz}$)
2404	30 - 1000	549.01	0.004819	2.5
	1000 - 2387	2386.85	0.008892	2.5
	2387 - 2400	2399.89	0.269153	25
	2483.5 - 2496.5	2492.35	0.002000	25
	2496.5 - 8000	6765.79	0.003681	2.5
	8000 - 12500	12019.85	0.002466	2.5
2440	30 - 1000	564.89	0.004943	2.5
	1000 - 2387	2318.24	0.001738	2.5
	2387 - 2400	2399.00	0.004688	25
	2483.5 - 2496.5	2484.11	0.004276	25
	2496.5 - 8000	6962.02	0.003548	2.5
	8000 - 12500	12197.60	0.007980	2.5
2478	30 - 1000	567.05	0.005260	2.5
	1000 - 2387	2379.18	0.001403	2.5
	2387 - 2400	2389.49	0.002084	25
	2483.5 - 2496.5	2483.50	0.108393	25
	2496.5 - 8000	2505.18	0.005483	2.5
	8000 - 12500	12387.43	0.004634	2.5

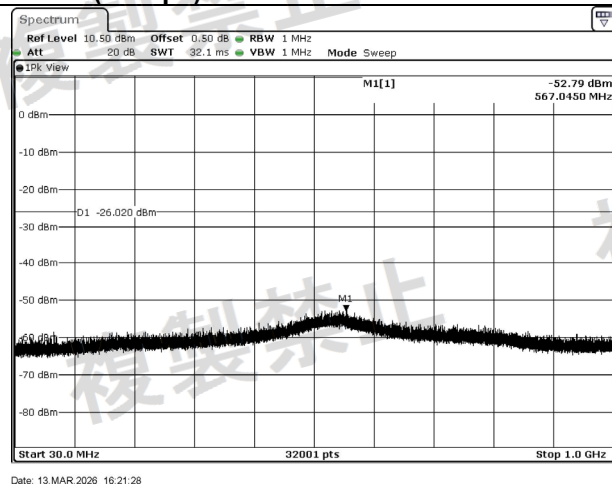
GFSK (1 Mbps) / 2402 MHz

GFSK (1 Mbps) / 2440 MHz

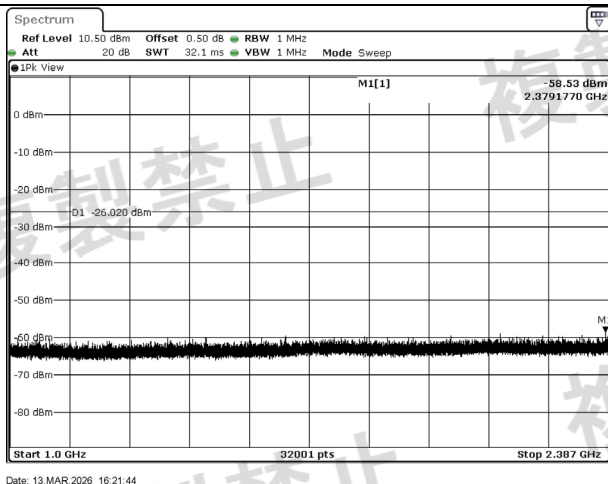
GFSK (1 Mbps) / 2480 MHz

GFSK (2 Mbps) / 2404 MHz

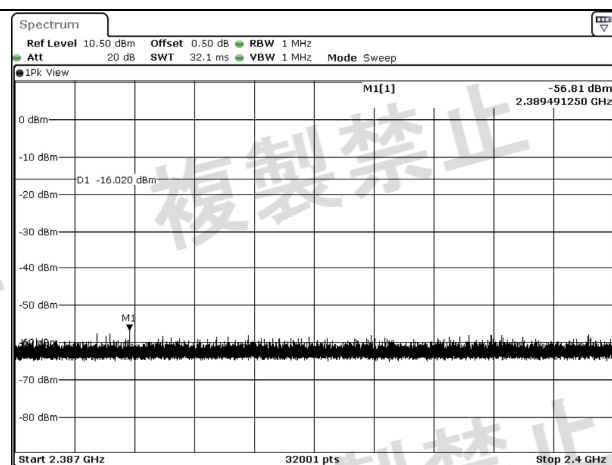
GFSK (2 Mbps) / 2440 MHz

GFSK (2 Mbps) / 2478 MHz

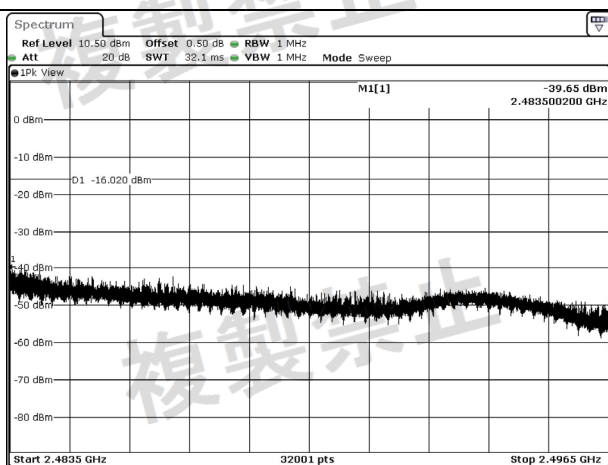
Date: 13 MAR 2026 16:21:28



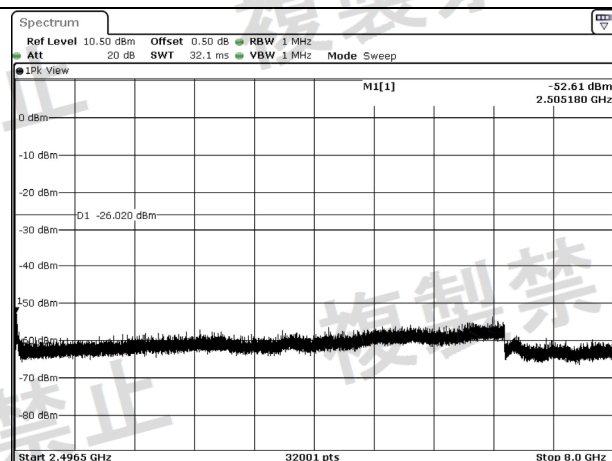
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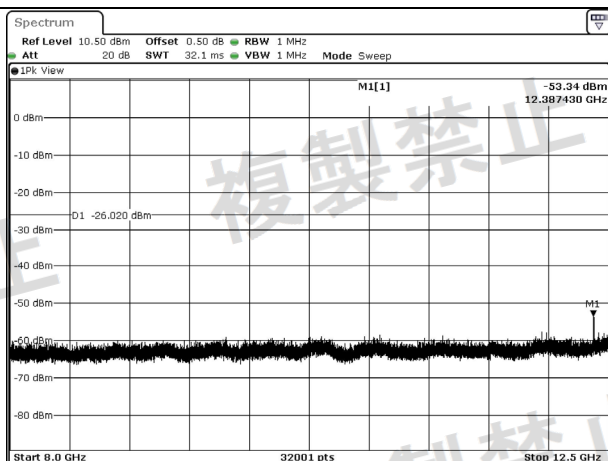
Date: 13 MAR 2026 16:22:01



Date: 13 MAR 2026 16:22:18



Date: 13 MAR 2026 16:22:34

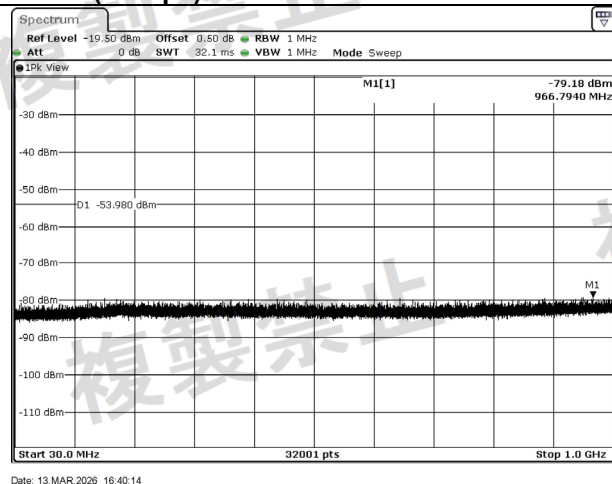


Date: 13 MAR 2026 16:22:51

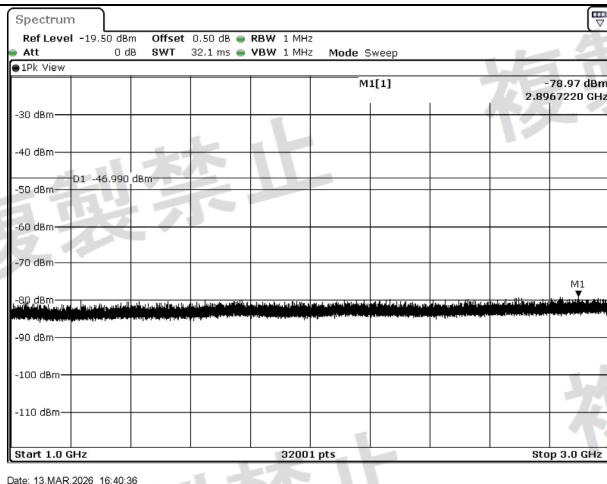
Appendix E. Test Result of Receiver Spurious Emissions

GFSK (1 Mbps)				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (nW)	Limit (nW)
2402	30 - 1000	966.79	0.012078	4
	1000 - 3000	2896.72	0.012677	20
	3000 - 8000	6858.55	0.035075	20
	8000 - 12500	10962.24	0.016788	20
2440	30 - 1000	871.31	0.013183	4
	1000 - 3000	2985.41	0.012560	20
	3000 - 8000	6842.61	0.040179	20
	8000 - 12500	11973.73	0.017179	20
2480	30 - 1000	198.00	0.012331	4
	1000 - 3000	2129.37	0.011324	20
	3000 - 8000	6748.71	0.041115	20
	8000 - 12500	12400.09	0.018750	20

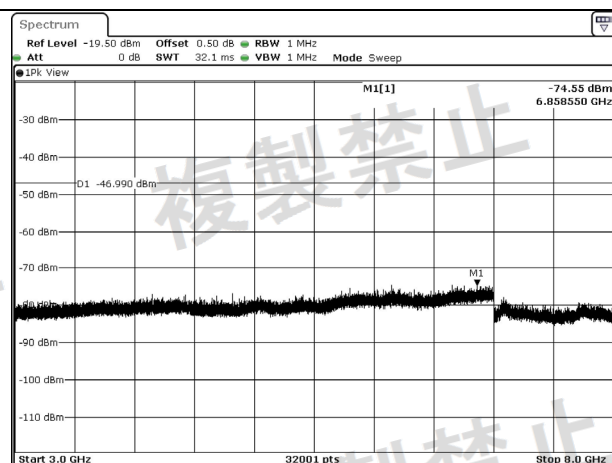
GFSK (2 Mbps)				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (nW)	Limit (nW)
2404	30 - 1000	974.40	0.012331	4
	1000 - 3000	2969.03	0.012706	20
	3000 - 8000	6902.14	0.041305	20
	8000 - 12500	10378.81	0.019099	20
2440	30 - 1000	341.68	0.012474	4
	1000 - 3000	2999.66	0.012246	20
	3000 - 8000	6683.24	0.035645	20
	8000 - 12500	12461.96	0.018836	20
2478	30 - 1000	969.95	0.012560	4
	1000 - 3000	2918.47	0.013122	20
	3000 - 8000	6983.55	0.036644	20
	8000 - 12500	12437.78	0.017458	20

GFSK (1 Mbps) / 2402 MHz

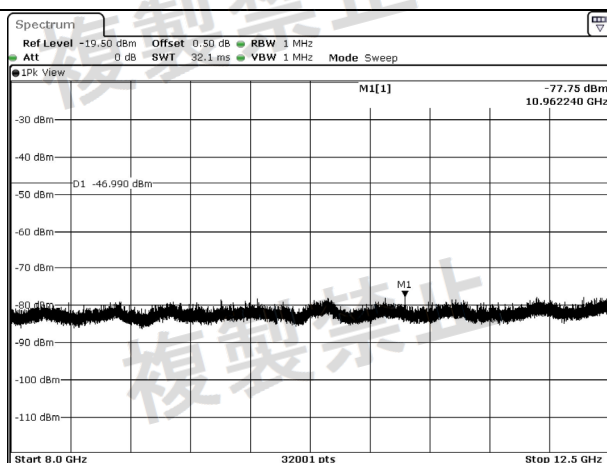
Date: 13.MAR.2026 16:40:14



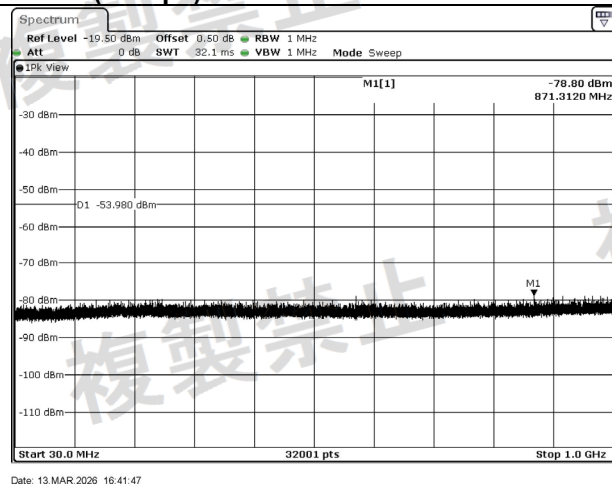
Date: 13.MAR.2026 16:40:36



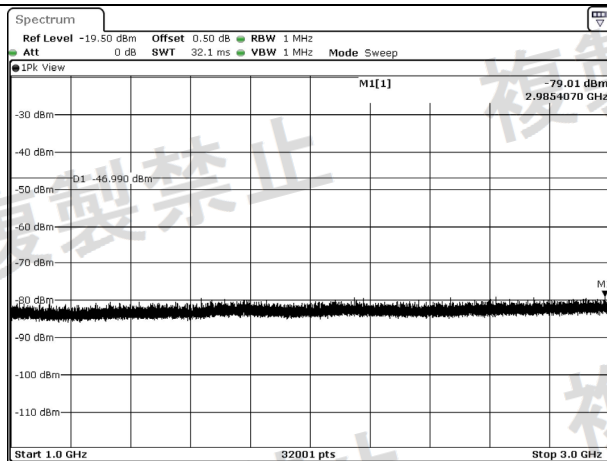
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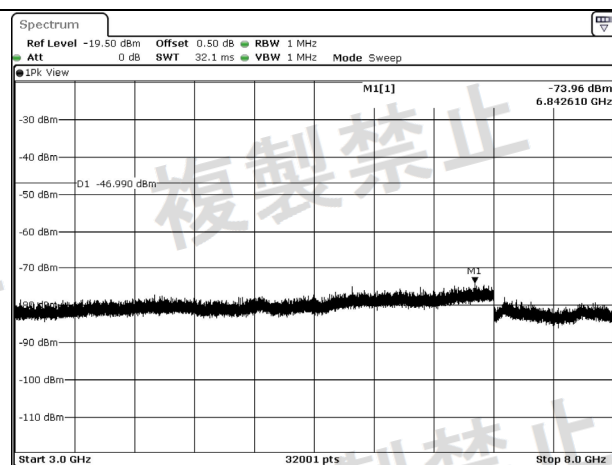
Date: 13.MAR.2026 16:41:19

GFSK (1 Mbps) / 2440 MHz

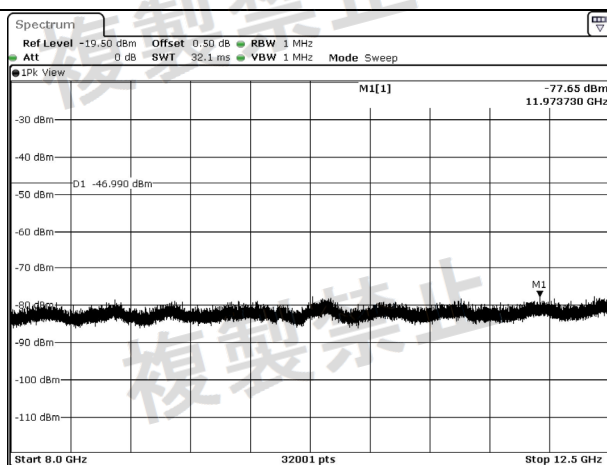
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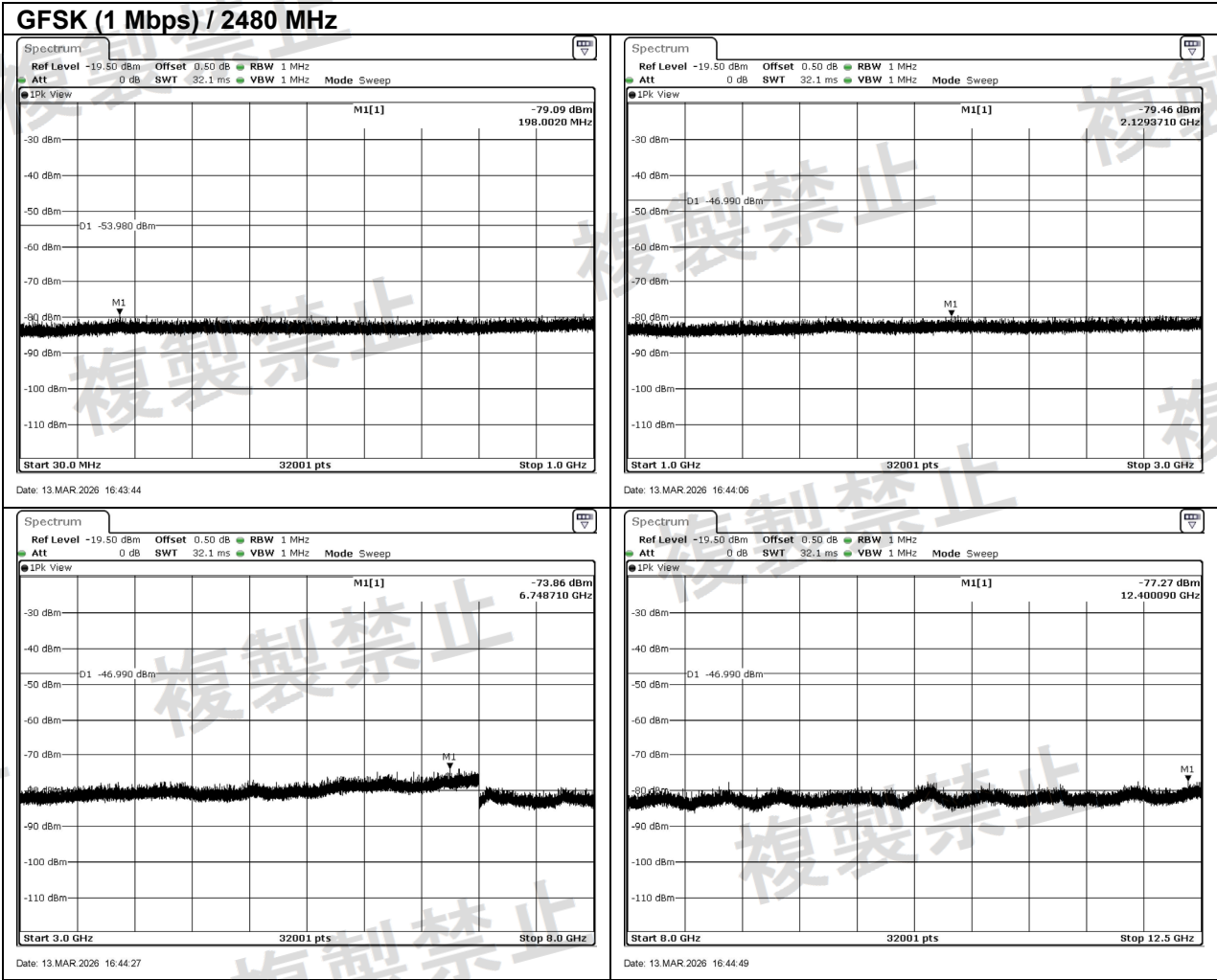
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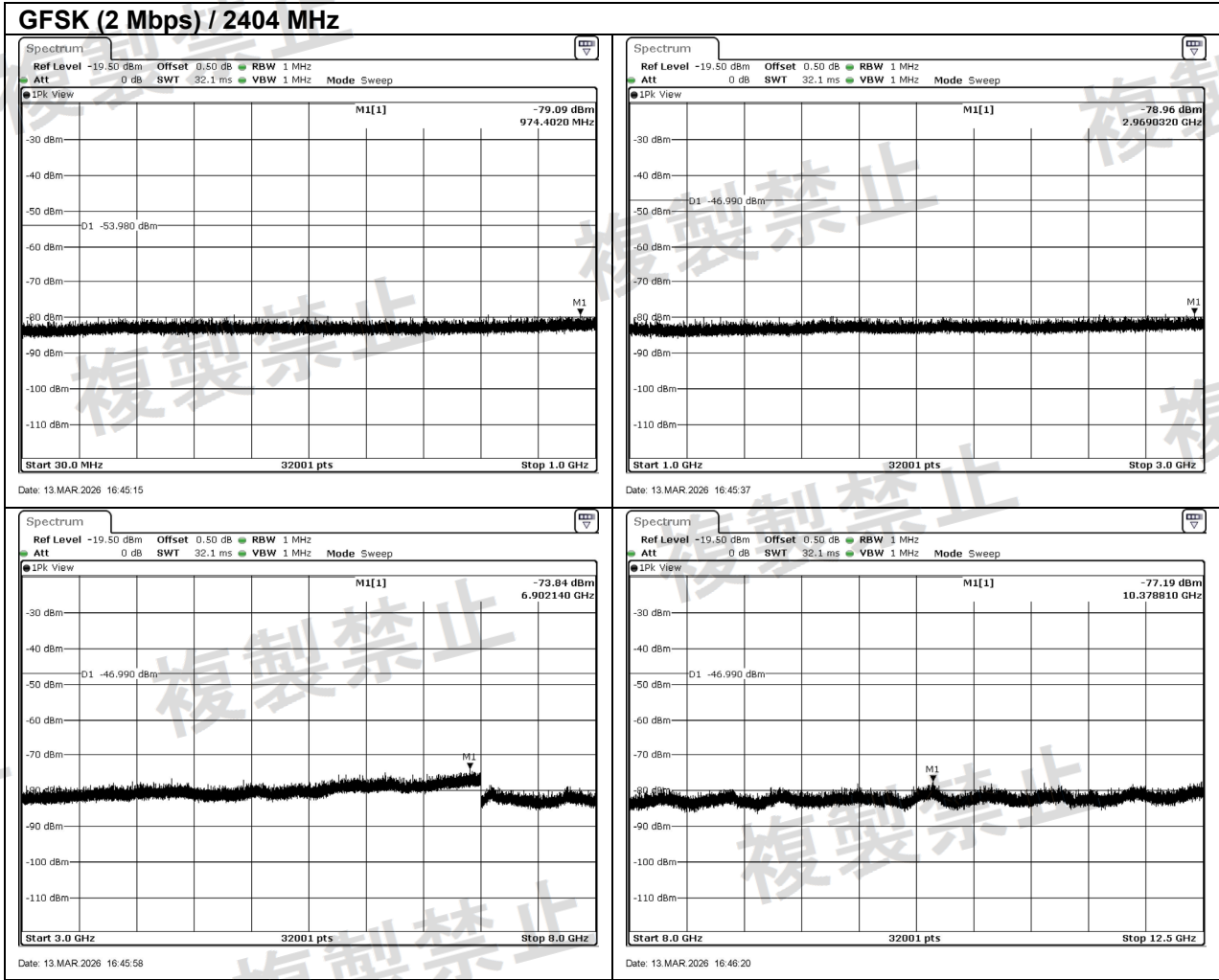


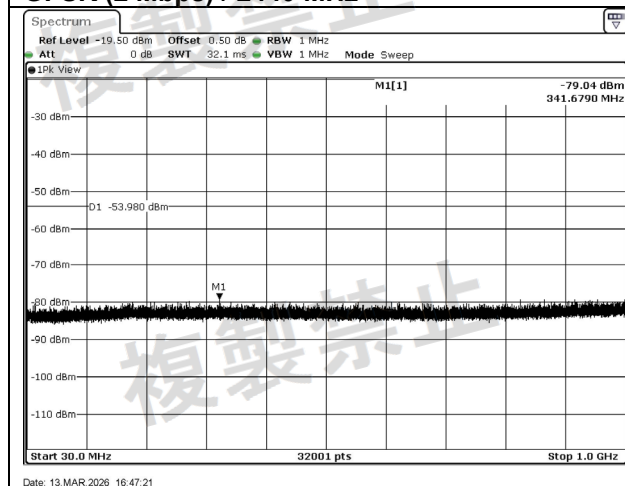
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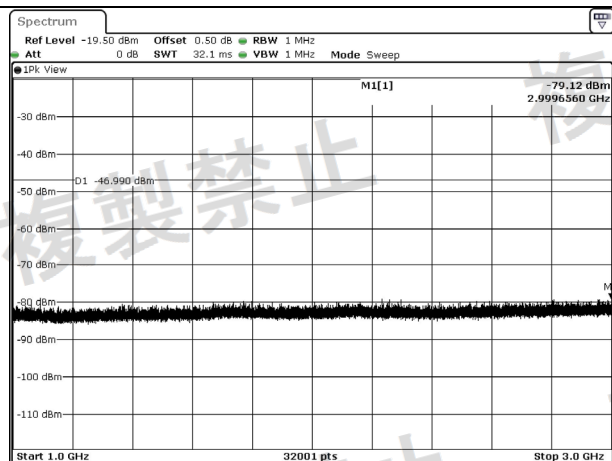
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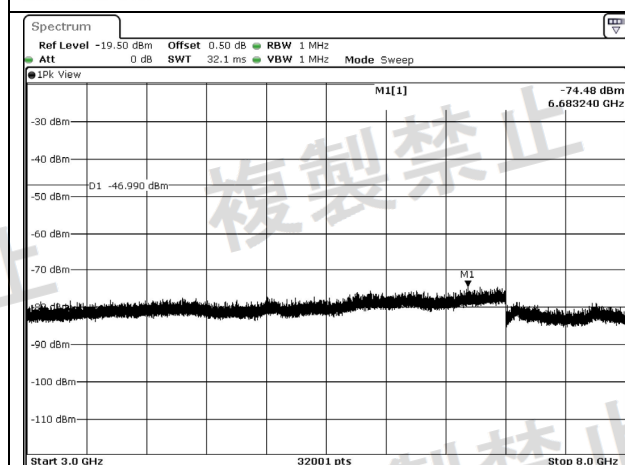


GFSK (2 Mbps) / 2440 MHz

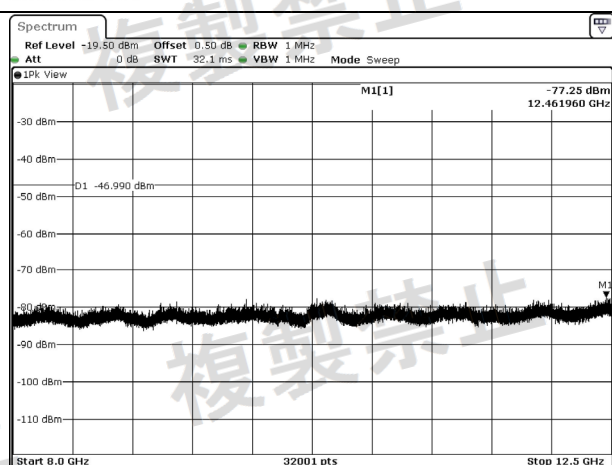
Date: 13.MAR.2026 16:47:21



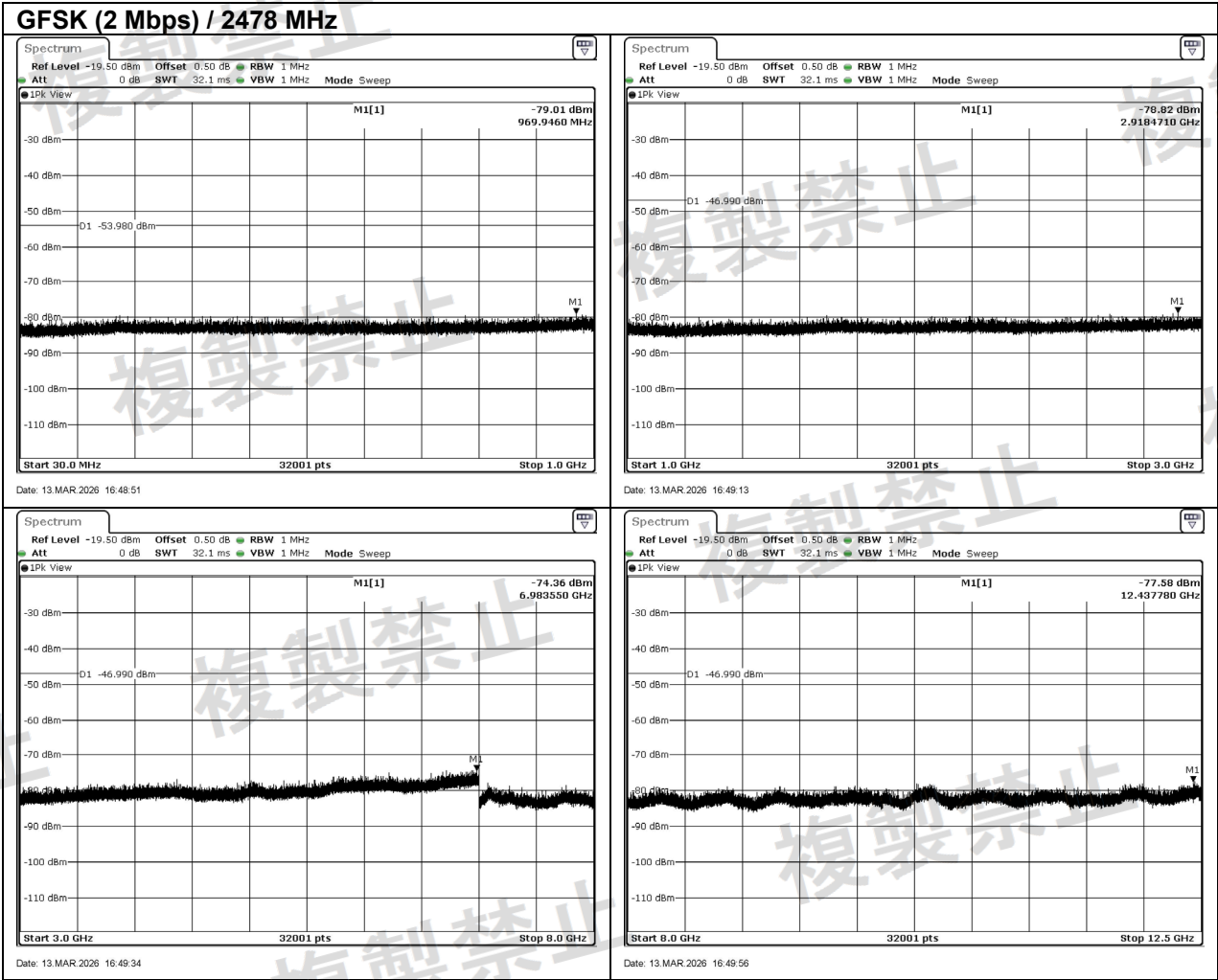
Date: 13.MAR.2026 16:47:43



Date: 13.MAR.2026 16:48:04



Date: 13.MAR.2026 16:48:26

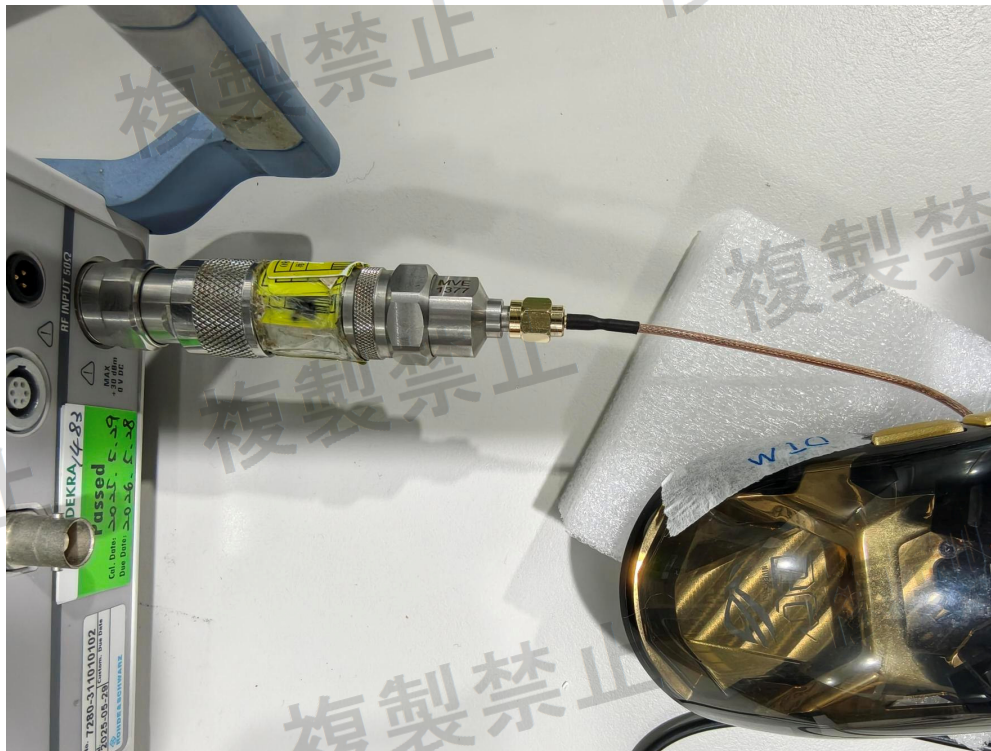
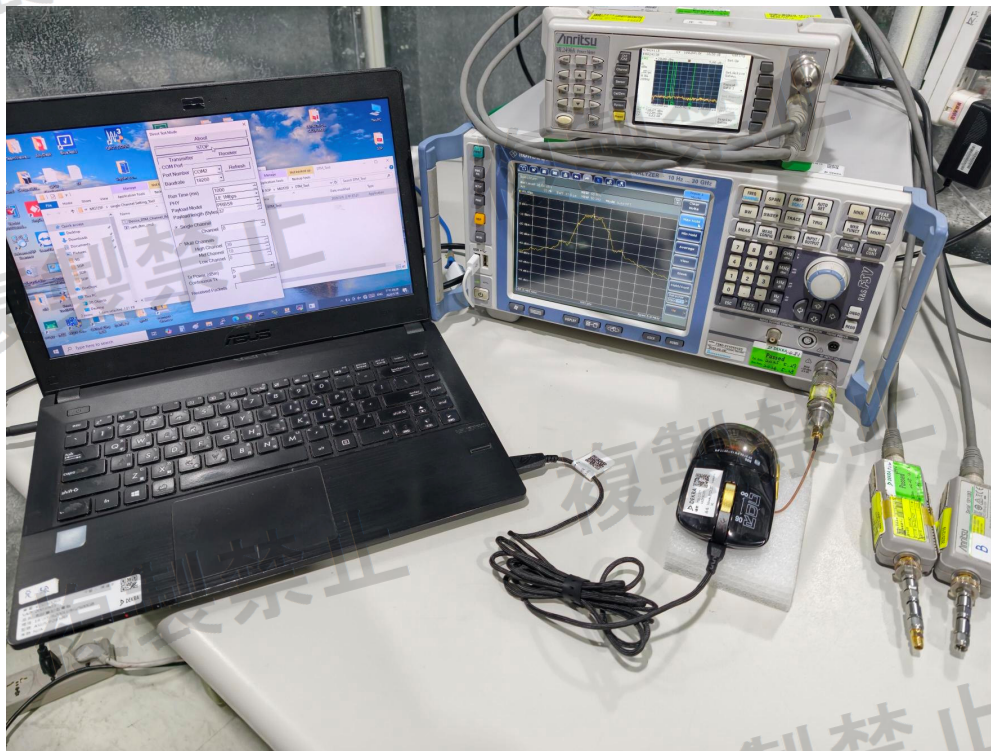


Appendix F. Test Result of Interference Prevention Function

Test Mode	Test Result
Normal Link	Pass

Appendix G. Test Photograph

Description : Test Setup (Spectrum Analyzer)



Description : Test Setup (Power Meter Measurement)

