

Appendix A.1 Test Result of Antenna Power

GFSK (2 Mbps)			
Frequency (MHz)	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Limit (mW)
2402	5.48	3.53	10
2440	5.75	3.76	10
2479	6.03	4.01	10

GFSK (4 Mbps)			
Frequency (MHz)	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Limit (mW)
2403	5.46	3.52	10
2440	5.72	3.73	10
2477	5.97	3.95	10

Appendix A.2 Test Result of Antenna Power Tolerance

GFSK (2 Mbps)				
Frequency (MHz)	Declared Antenna Power (mW)	Antenna Power (mW)	Tolerance (%)	Limit (%)
2402	4.01	3.53	-11.90	+20
2440	4.01	3.76	-6.24	+20
2479	4.01	4.01	0.00	+20

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

GFSK (4 Mbps)				
Frequency (MHz)	Declared Antenna Power (mW)	Antenna Power (mW)	Tolerance (%)	Limit (%)
2403	3.95	3.52	-11.08	+20
2440	3.95	3.73	-5.59	+20
2477	3.95	3.95	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 (2 Mbps)			
Frequency (MHz)	Antenna Power (dBm)	EIRP (dBm)	Limit (dBm)
2402	5.48	8.32	12.14
2440	5.75	8.59	12.14
2479	6.03	8.87	12.14

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

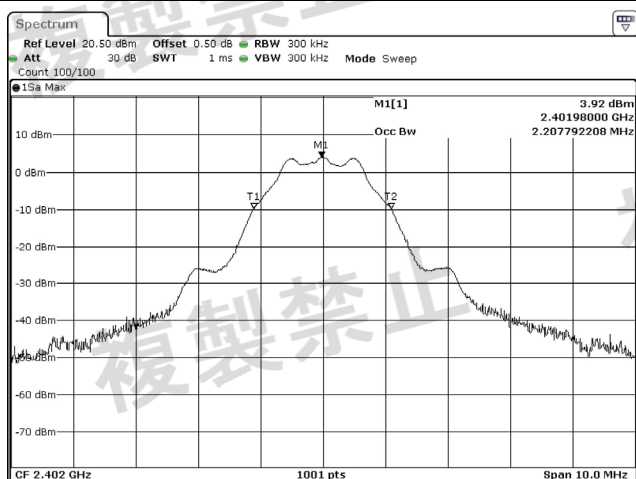
GFSK (4 Mbps)			
Frequency (MHz)	Antenna Power (dBm)	EIRP (dBm)	Limit (dBm)
2403	5.46	8.30	12.14
2440	5.72	8.56	12.14
2477	5.97	8.81	12.14

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

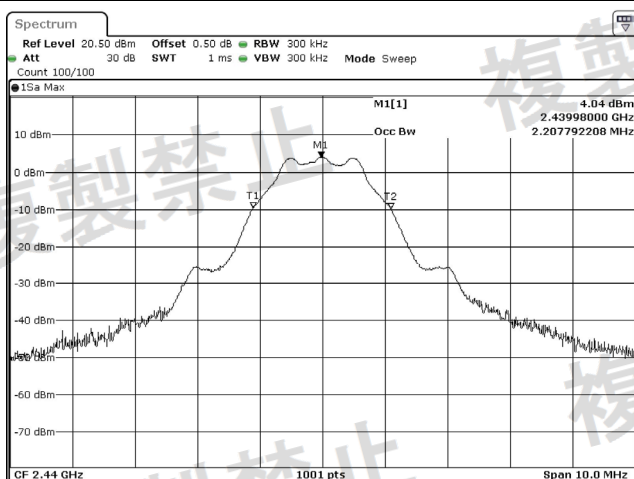
Appendix B. Test Result of Occupied Bandwidth

GFSK (2 Mbps)		
Frequency (MHz)	Reading Value (MHz)	Limit (MHz)
2402	2.20	≤ 26
2440	2.20	≤ 26
2479	2.20	≤ 26

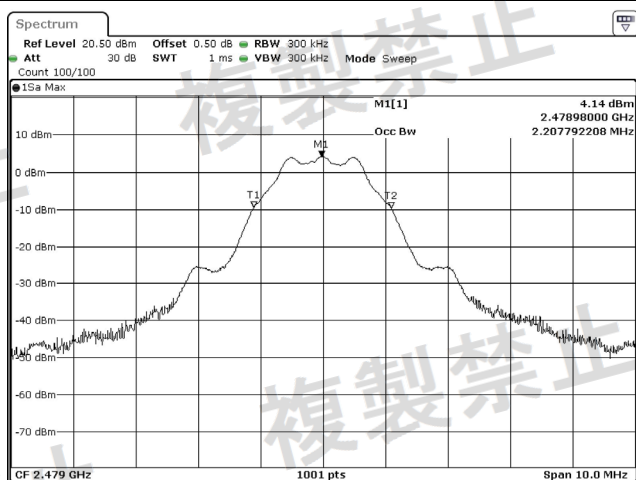
GFSK (4 Mbps)		
Frequency (MHz)	Reading Value (MHz)	Limit (MHz)
2403	4.21	≤ 26
2440	4.21	≤ 26
2477	4.21	≤ 26

GFSK (2 Mbps) / 2402 MHz

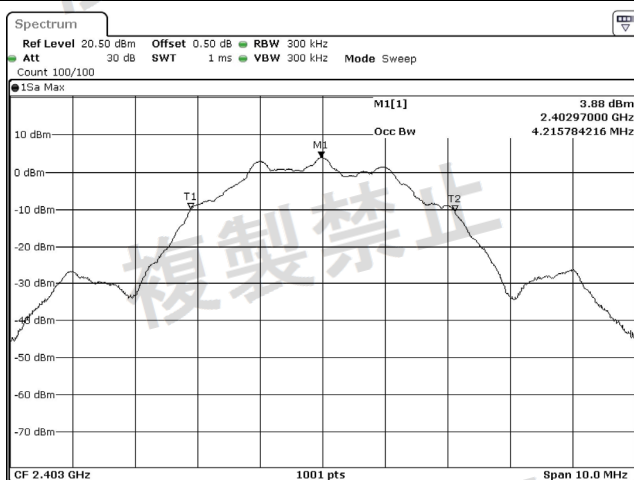
Date: 18.MAR.2026 15:31:00

GFSK (2 Mbps) / 2440 MHz

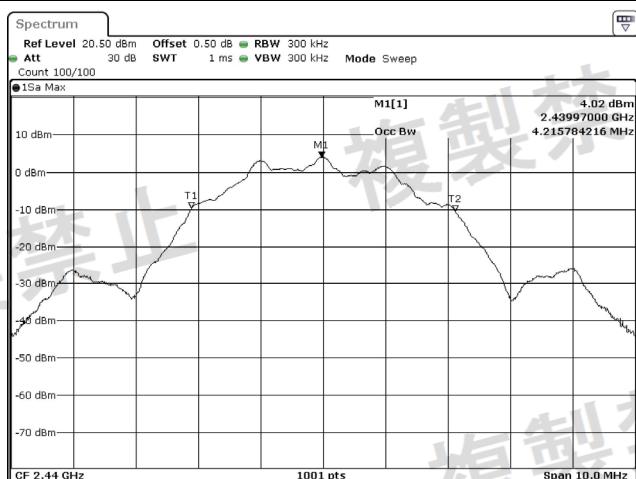
Date: 18.MAR.2026 15:34:08

GFSK (2 Mbps) / 2479 MHz

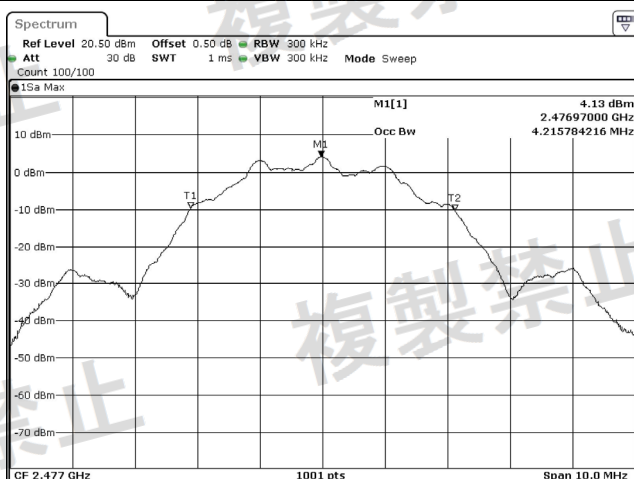
Date: 18.MAR.2026 15:36:54

GFSK (4 Mbps) / 2403 MHz

Date: 18.MAR.2026 16:08:30

GFSK (4 Mbps) / 2440 MHz

Date: 18.MAR.2026 16:11:07

GFSK (4 Mbps) / 2477 MHz

Date: 18.MAR.2026 16:13:48

Appendix C. Test Result of Frequency Tolerance

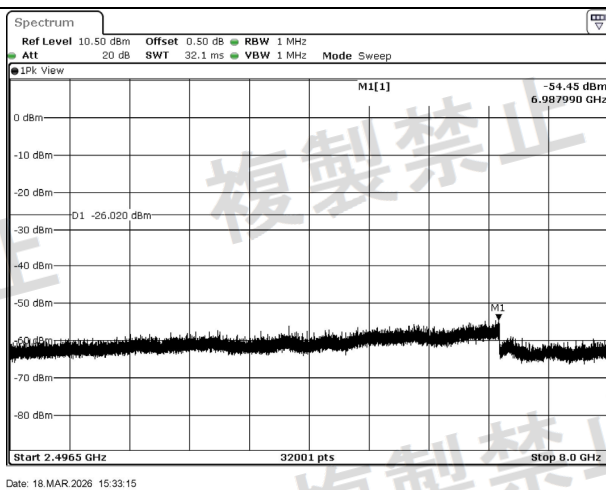
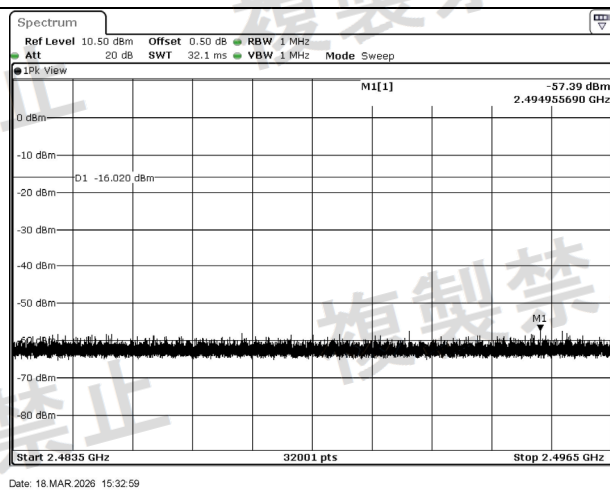
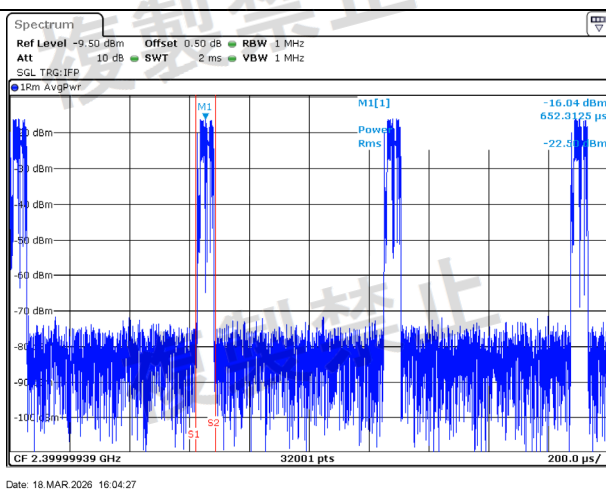
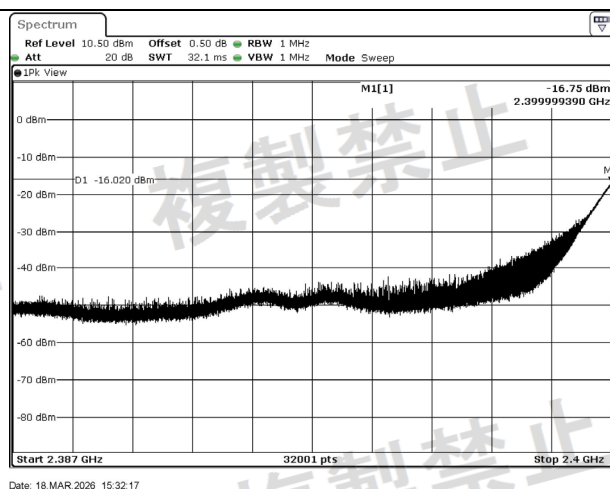
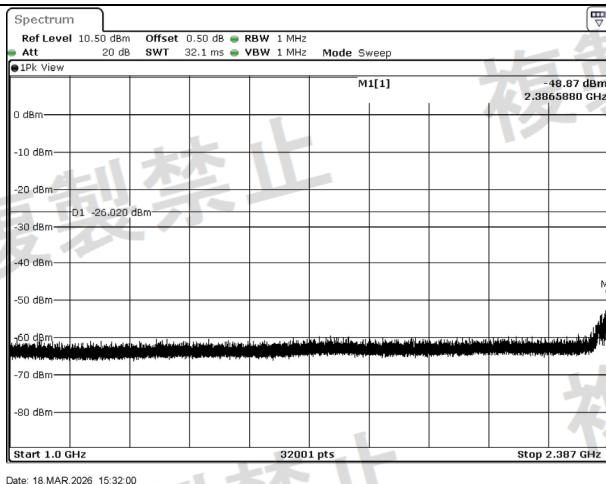
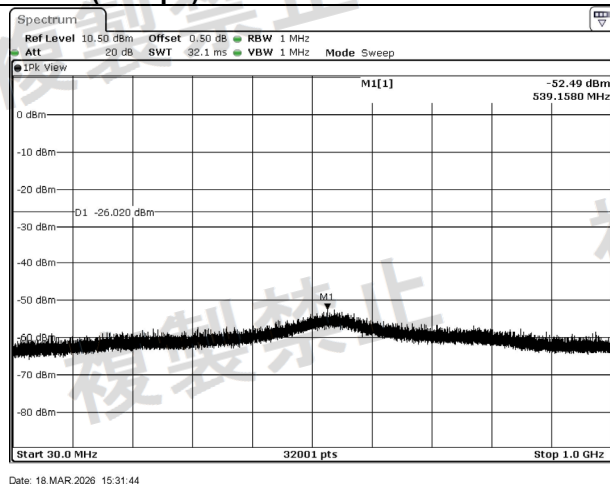
GFSK (2 Mbps)			
Frequency (MHz)	Reading Value (MHz)	Tolerance (ppm)	Limit (ppm)
2402	2401.9700	-12.4896	± 50
2440	2439.9700	-12.2951	± 50
2479	2478.9700	-12.1017	± 50

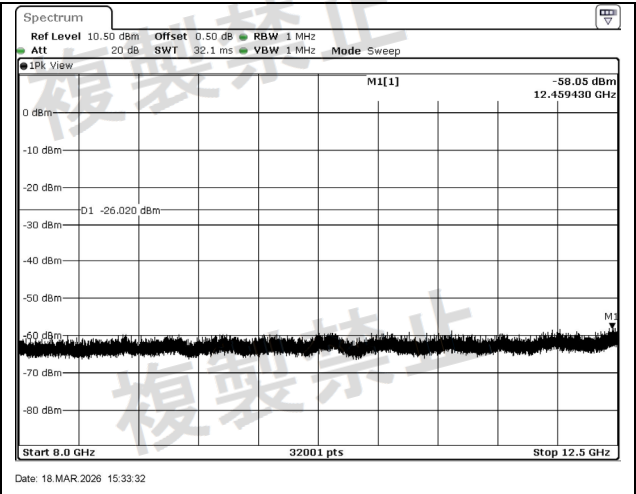
GFSK (4 Mbps)			
Frequency (MHz)	Reading Value (MHz)	Tolerance (ppm)	Limit (ppm)
2403	2402.9700	-12.4844	± 50
2440	2439.9700	-12.2951	± 50
2477	2476.9700	-12.1114	± 50

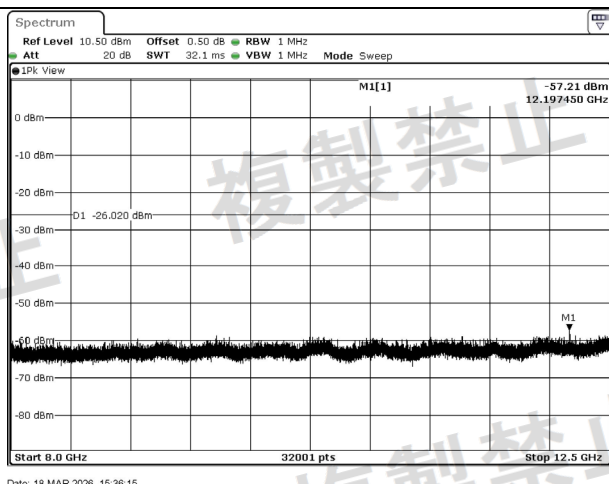
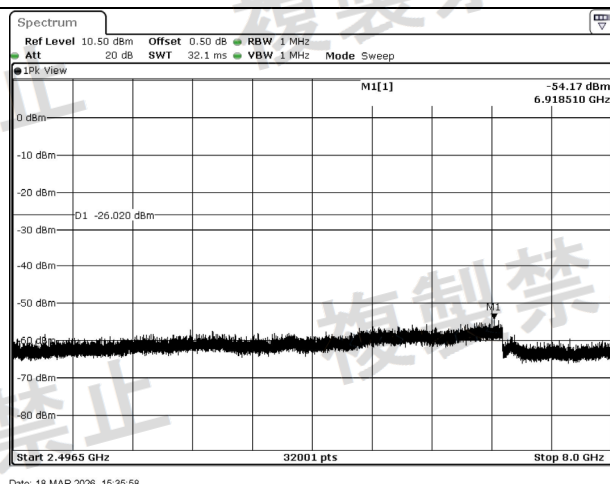
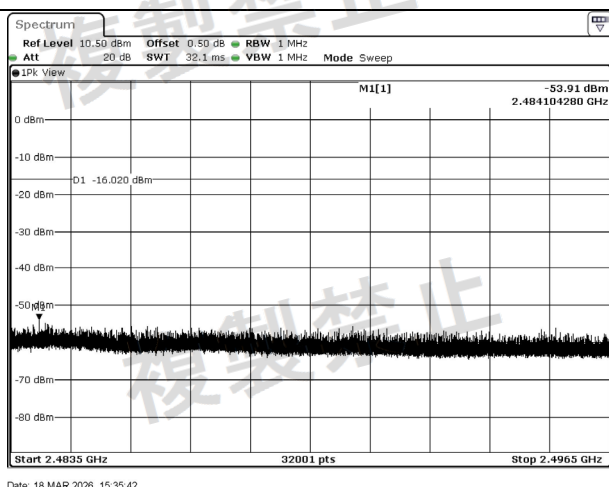
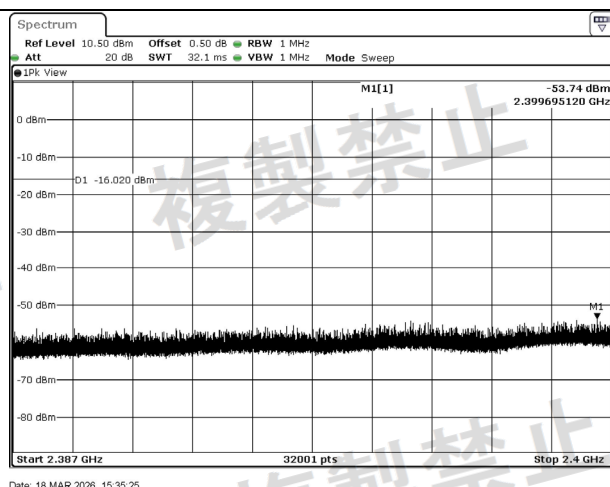
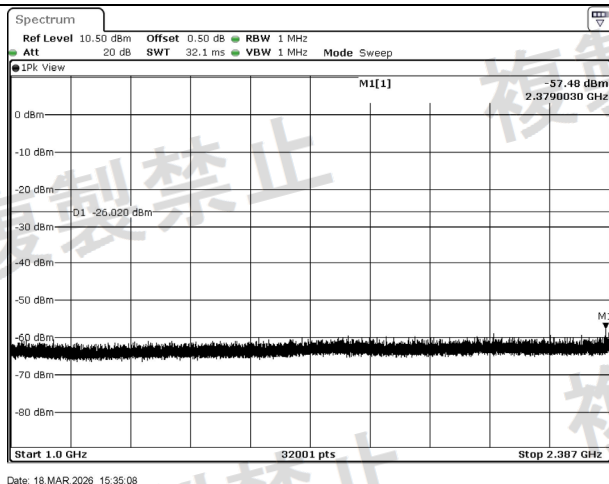
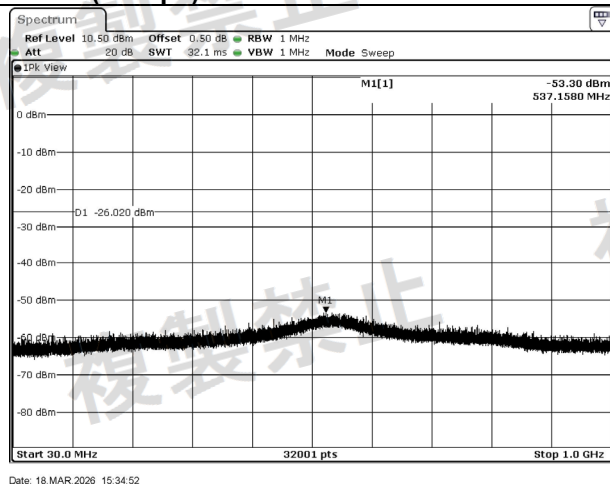
Appendix D. Test Result of Transmitter Spurious Emissions

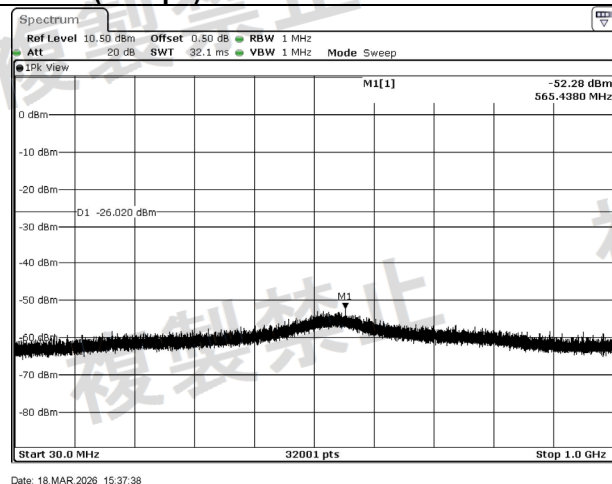
GFSK (2 Mbps)				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (μW/MHz)	Limit (μW/MHz)
2402	30 - 1000	539.16	0.005636	2.5
	1000 - 2387	2386.59	0.012972	2.5
	2387 - 2400	2400.00	5.623413	25
	2483.5 - 2496.5	2494.96	0.001824	25
	2496.5 - 8000	6987.99	0.003589	2.5
	8000 - 12500	12459.43	0.001567	2.5
2440	30 - 1000	537.16	0.004677	2.5
	1000 - 2387	2379.00	0.001786	2.5
	2387 - 2400	2399.70	0.004227	25
	2483.5 - 2496.5	2484.10	0.004064	25
	2496.5 - 8000	6918.51	0.003828	2.5
	8000 - 12500	12197.45	0.001901	2.5
2479	30 - 1000	565.44	0.005916	2.5
	1000 - 2387	2380.52	0.001276	2.5
	2387 - 2400	2399.95	0.001866	25
	2483.5 - 2496.5	2483.57	0.185780	25
	2496.5 - 8000	2496.76	0.007816	2.5
	8000 - 12500	12397.42	0.002118	2.5

GFSK (4 Mbps)				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value ($\mu\text{W}/\text{MHz}$)	Limit ($\mu\text{W}/\text{MHz}$)
2403	30 - 1000	559.53	0.005082	2.5
	1000 - 2387	2384.20	0.008610	2.5
	2387 - 2400	2400.00	4.315191	25
	2483.5 - 2496.5	2496.27	0.001754	25
	2496.5 - 8000	6863.82	0.003565	2.5
	8000 - 12500	12441.71	0.001507	2.5
2440	30 - 1000	546.80	0.004786	2.5
	1000 - 2387	2375.19	0.001574	2.5
	2387 - 2400	2399.78	0.004207	25
	2483.5 - 2496.5	2484.07	0.003999	25
	2496.5 - 8000	6821.51	0.003133	2.5
	8000 - 12500	12477.71	0.001871	2.5
2477	30 - 1000	548.95	0.004677	2.5
	1000 - 2387	2159.17	0.001189	2.5
	2387 - 2400	2395.68	0.001469	25
	2483.5 - 2496.5	2483.54	0.107399	25
	2496.5 - 8000	2508.80	0.003999	2.5
	8000 - 12500	12380.26	0.001507	2.5

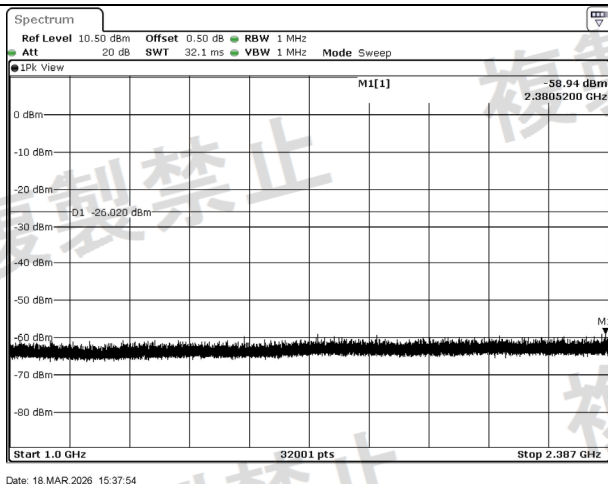
GFSK (2 Mbps) / 2402 MHz



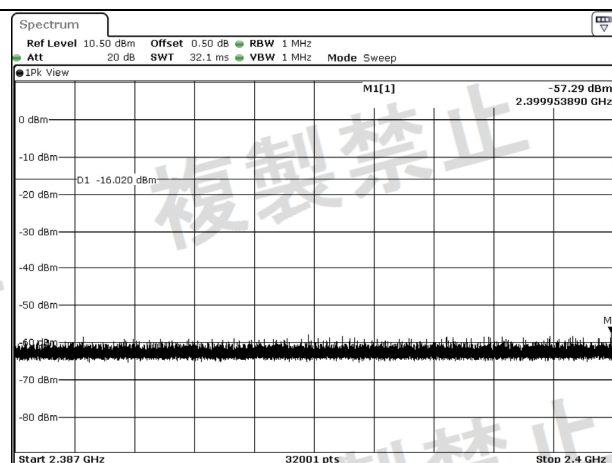
GFSK (2 Mbps) / 2440 MHz

GFSK (2 Mbps) / 2479 MHz

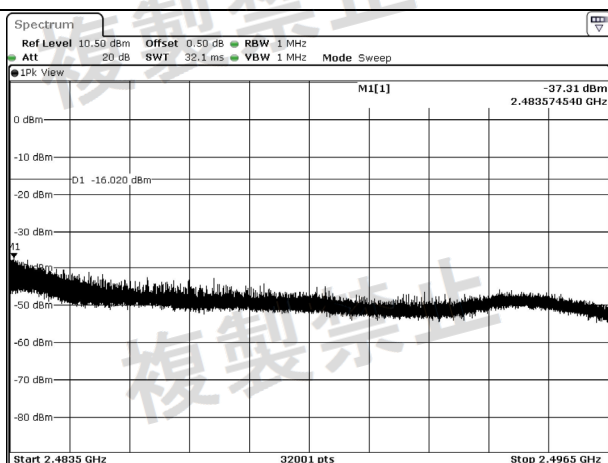
Date: 18 MAR 2026 15:37:38



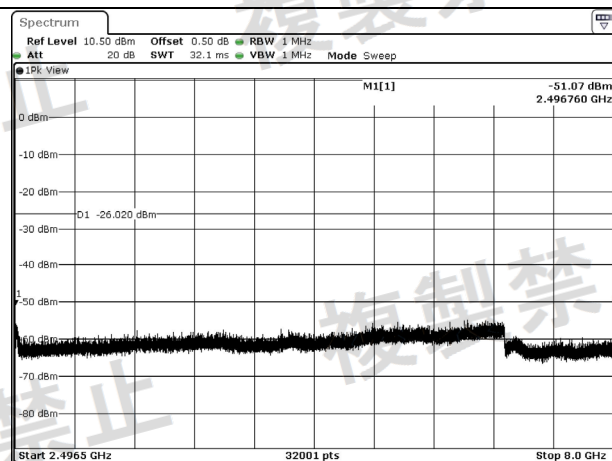
Date: 18 MAR 2026 15:37:54



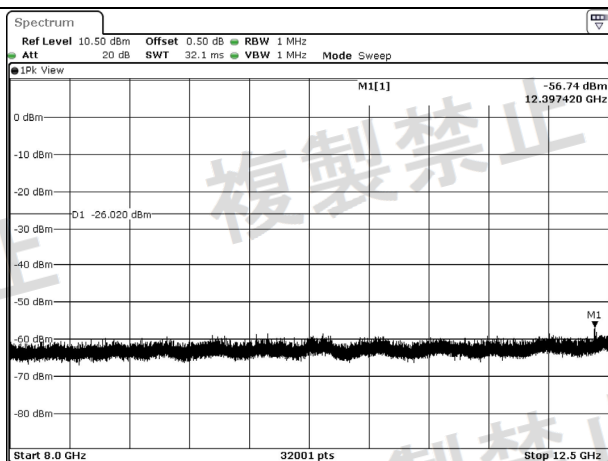
Date: 18 MAR 2026 15:38:11



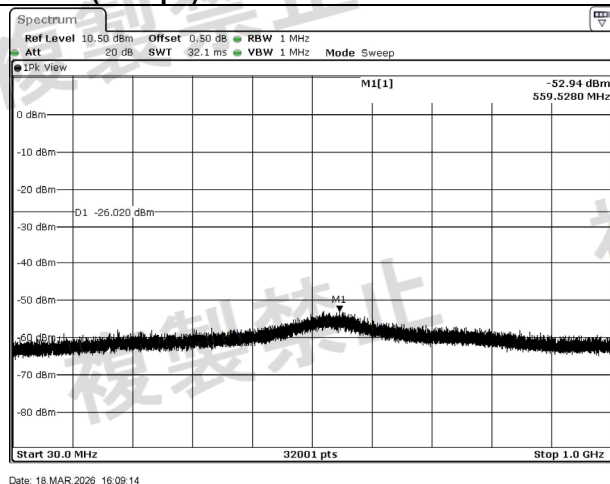
Date: 18 MAR 2026 15:38:28



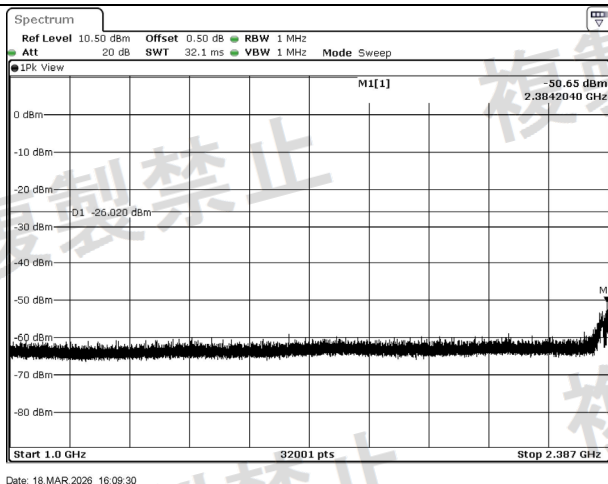
Date: 18 MAR 2026 15:38:44



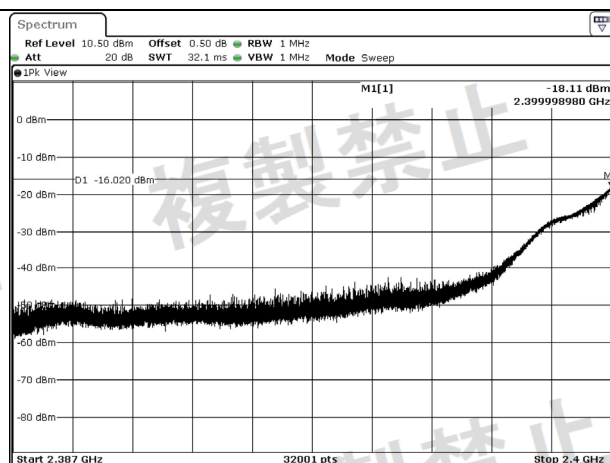
Date: 18 MAR 2026 15:39:01

GFSK (4 Mbps) / 2403 MHz

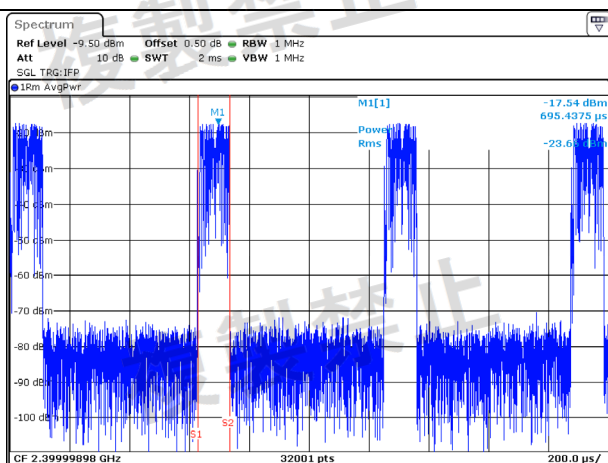
Date: 18 MAR 2026 16:09:14



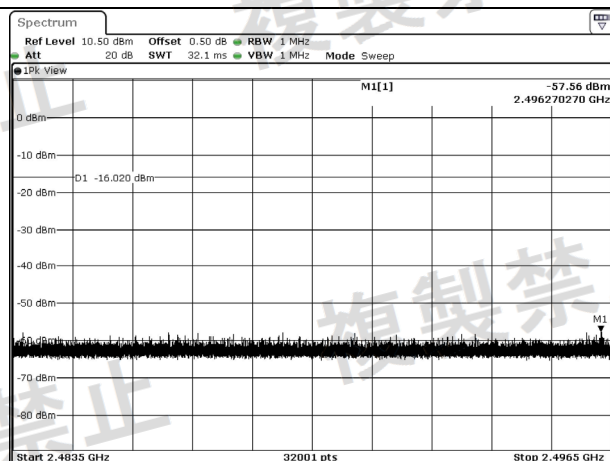
Date: 18 MAR 2026 16:09:30



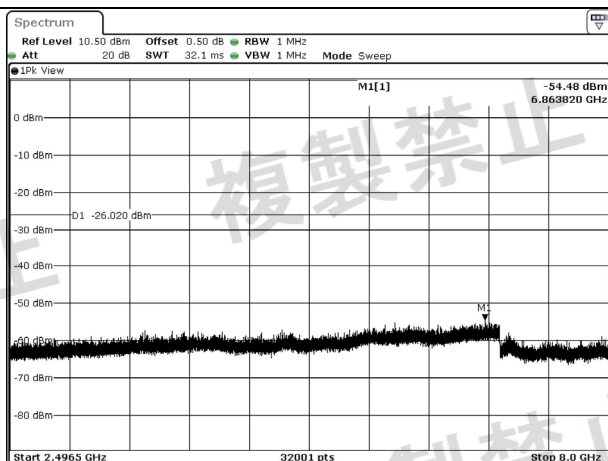
Date: 18 MAR 2026 16:09:47



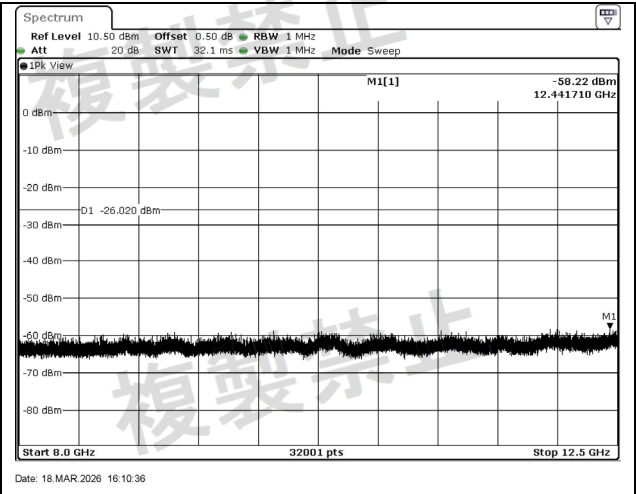
Date: 18 MAR 2026 16:34:49

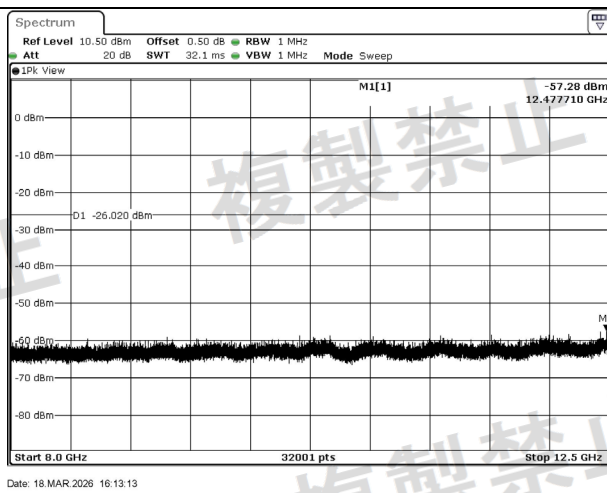
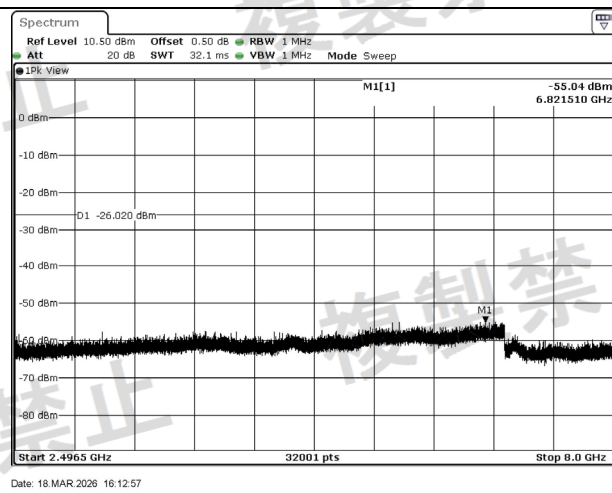
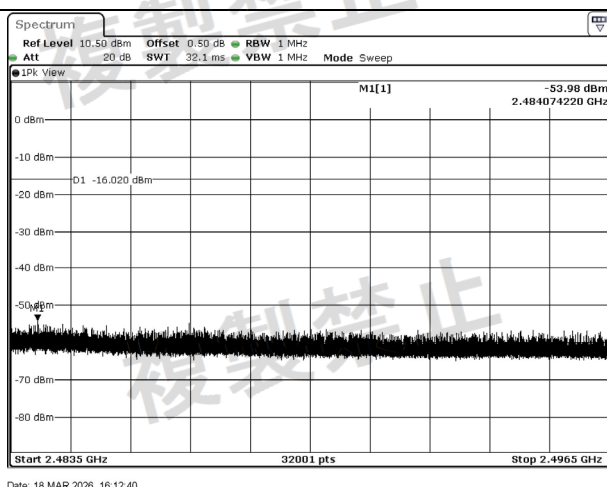
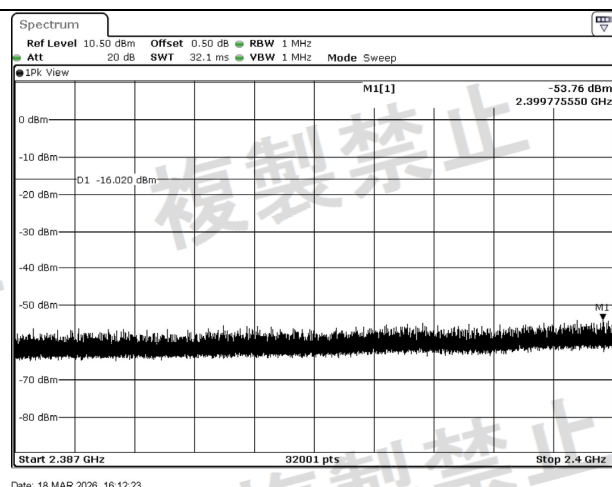
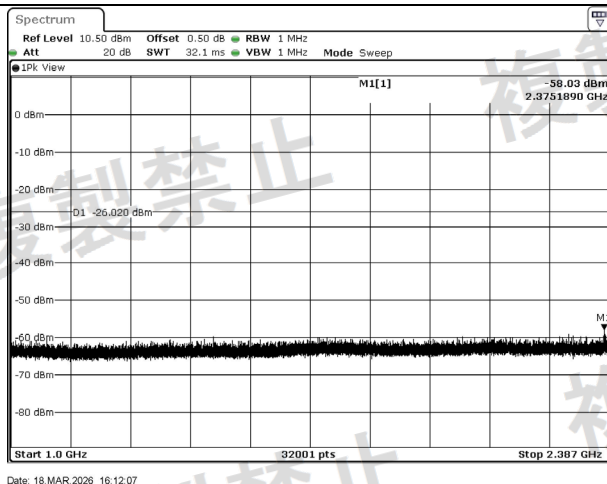
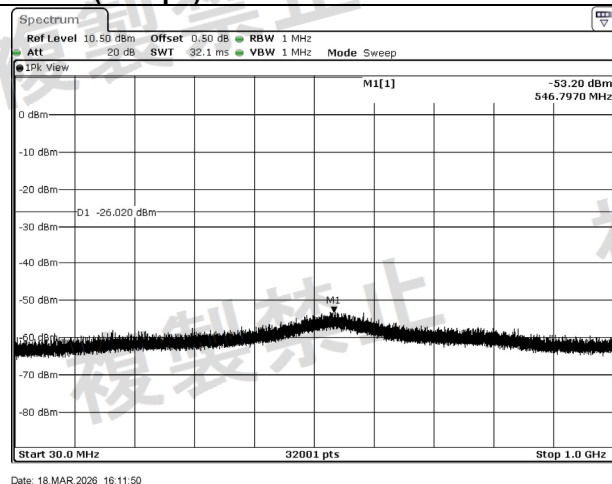


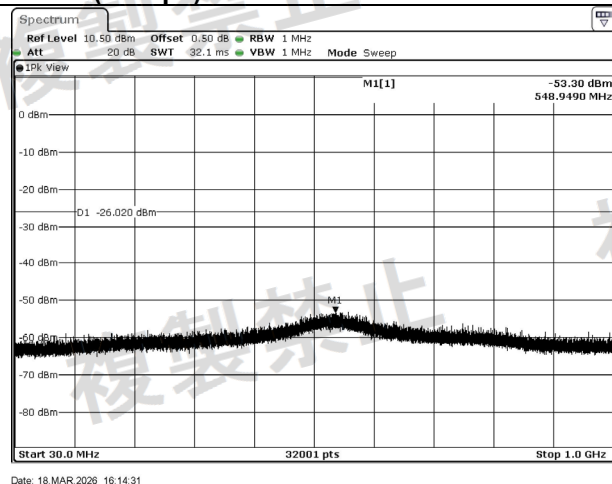
Date: 18 MAR 2026 16:10:03



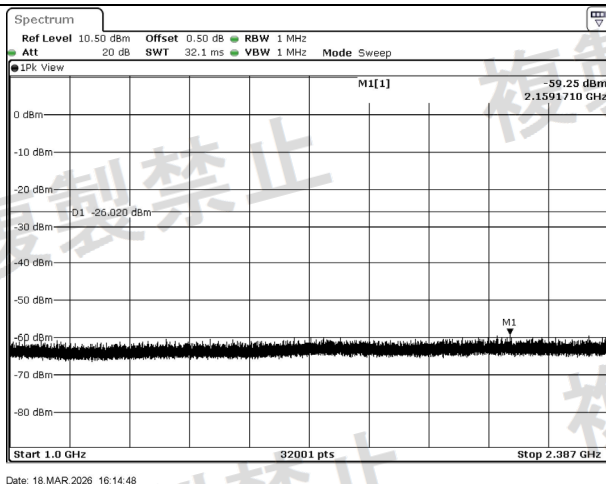
Date: 18 MAR 2026 16:10:20



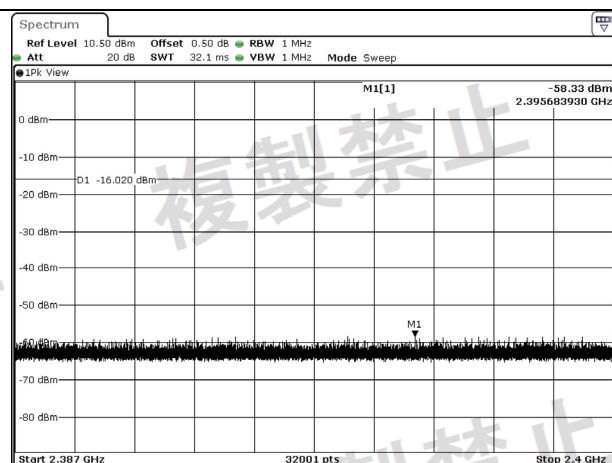
GFSK (4 Mbps) / 2440 MHz

GFSK (4 Mbps) / 2477 MHz

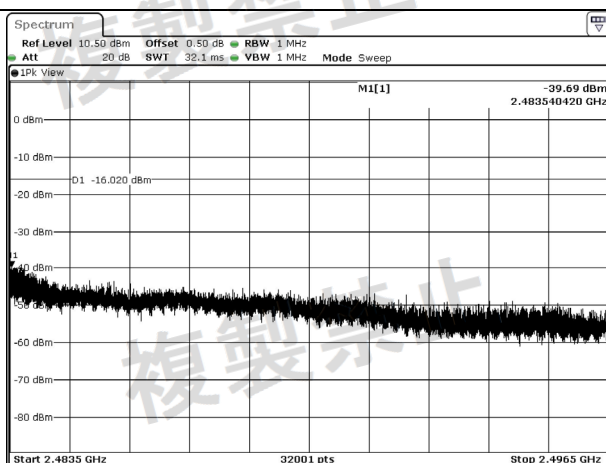
Date: 18 MAR 2026 16:14:31



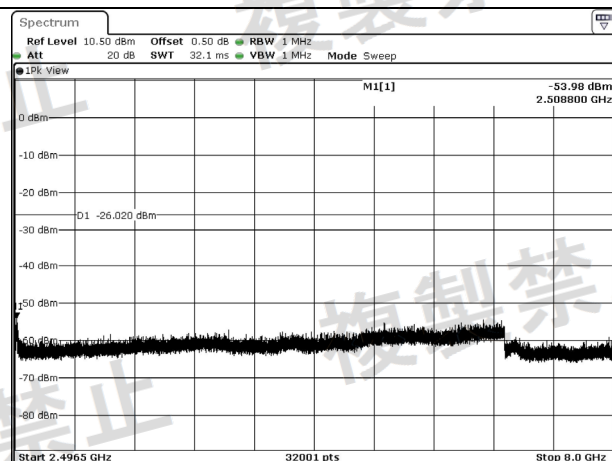
Date: 18 MAR 2026 16:14:48



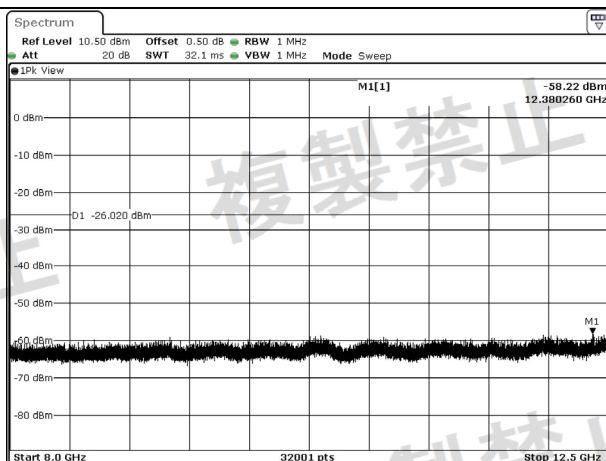
Date: 18 MAR 2026 16:15:05



Date: 18 MAR 2026 16:15:21



Date: 18 MAR 2026 16:15:38

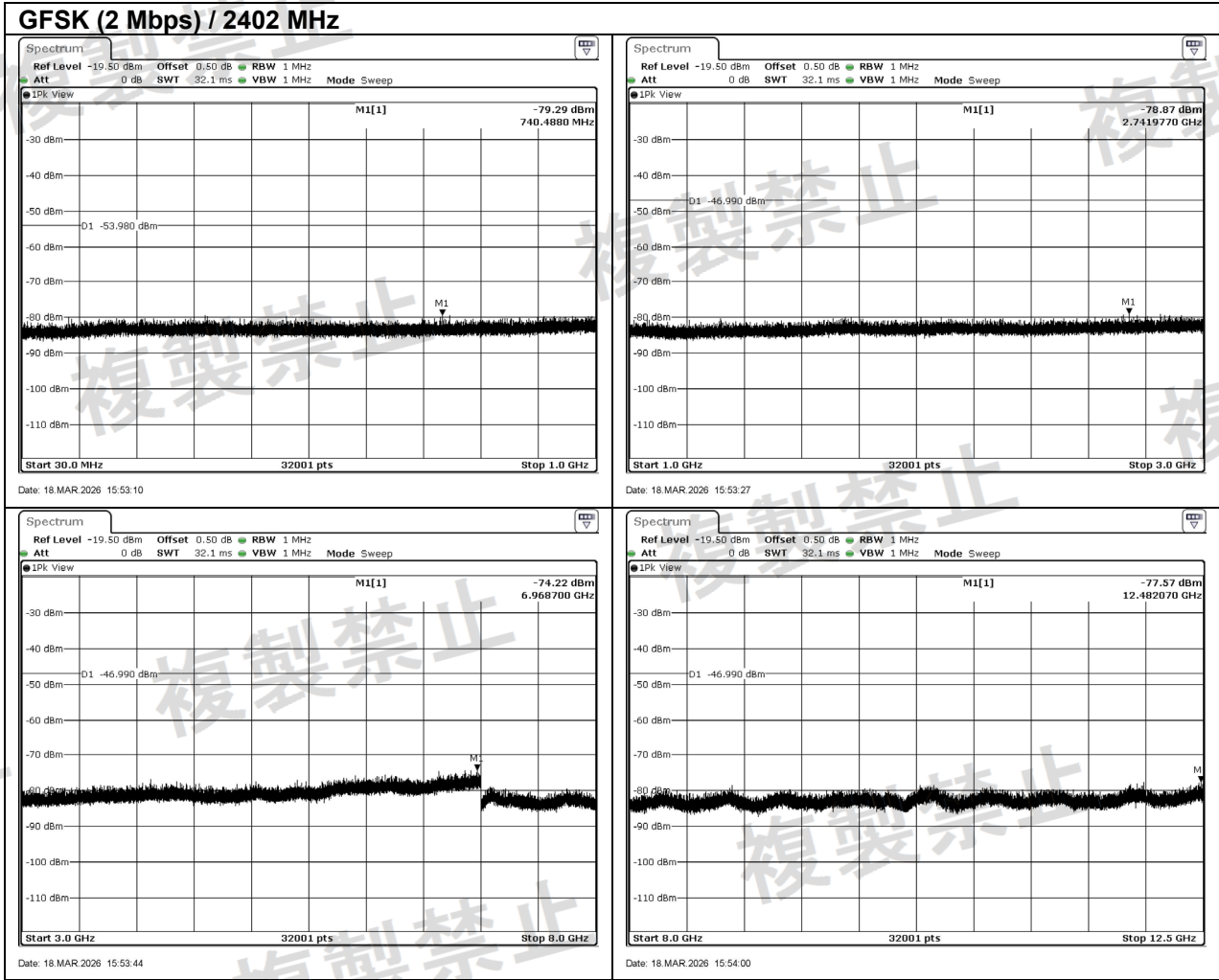


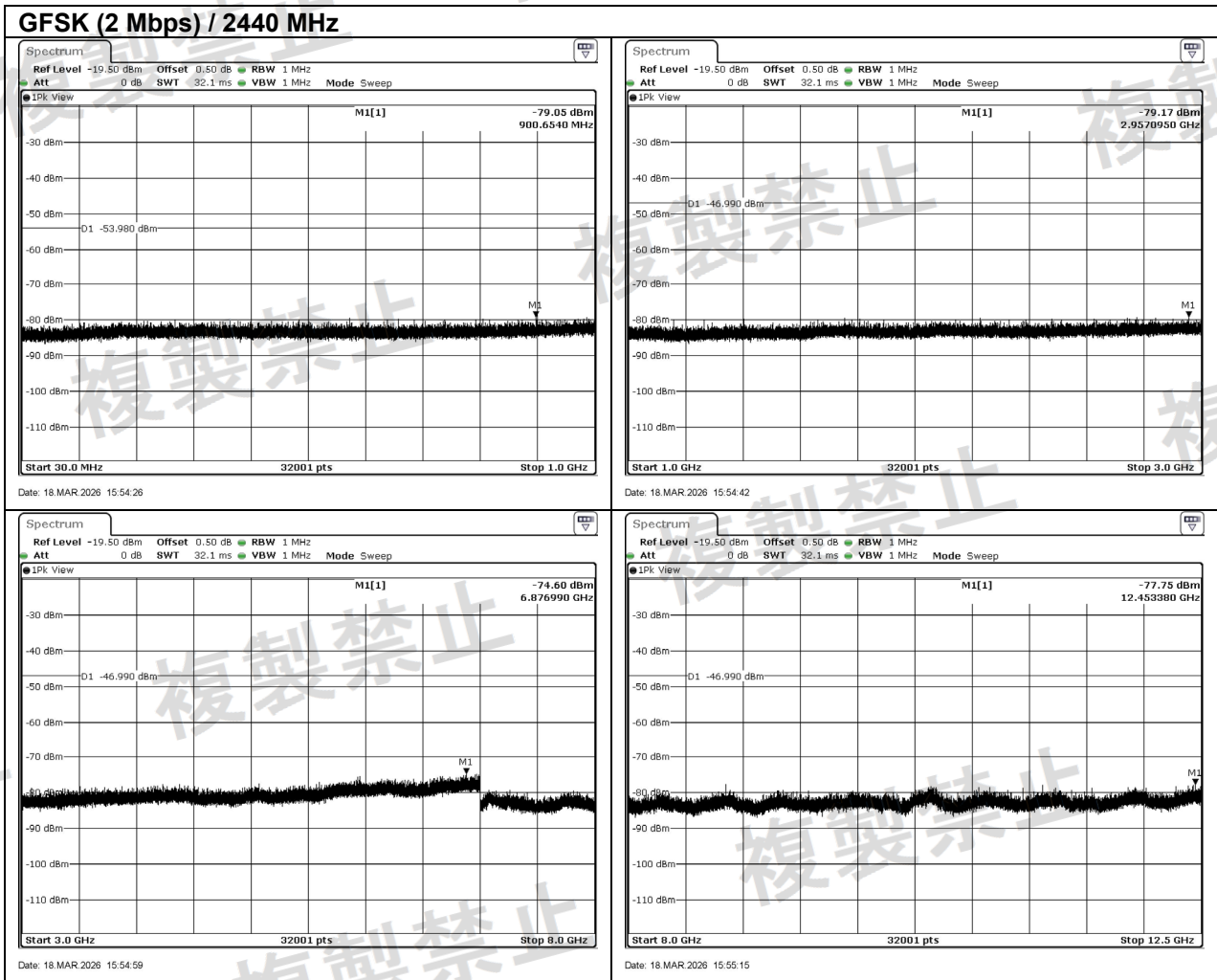
Date: 18 MAR 2026 16:15:54

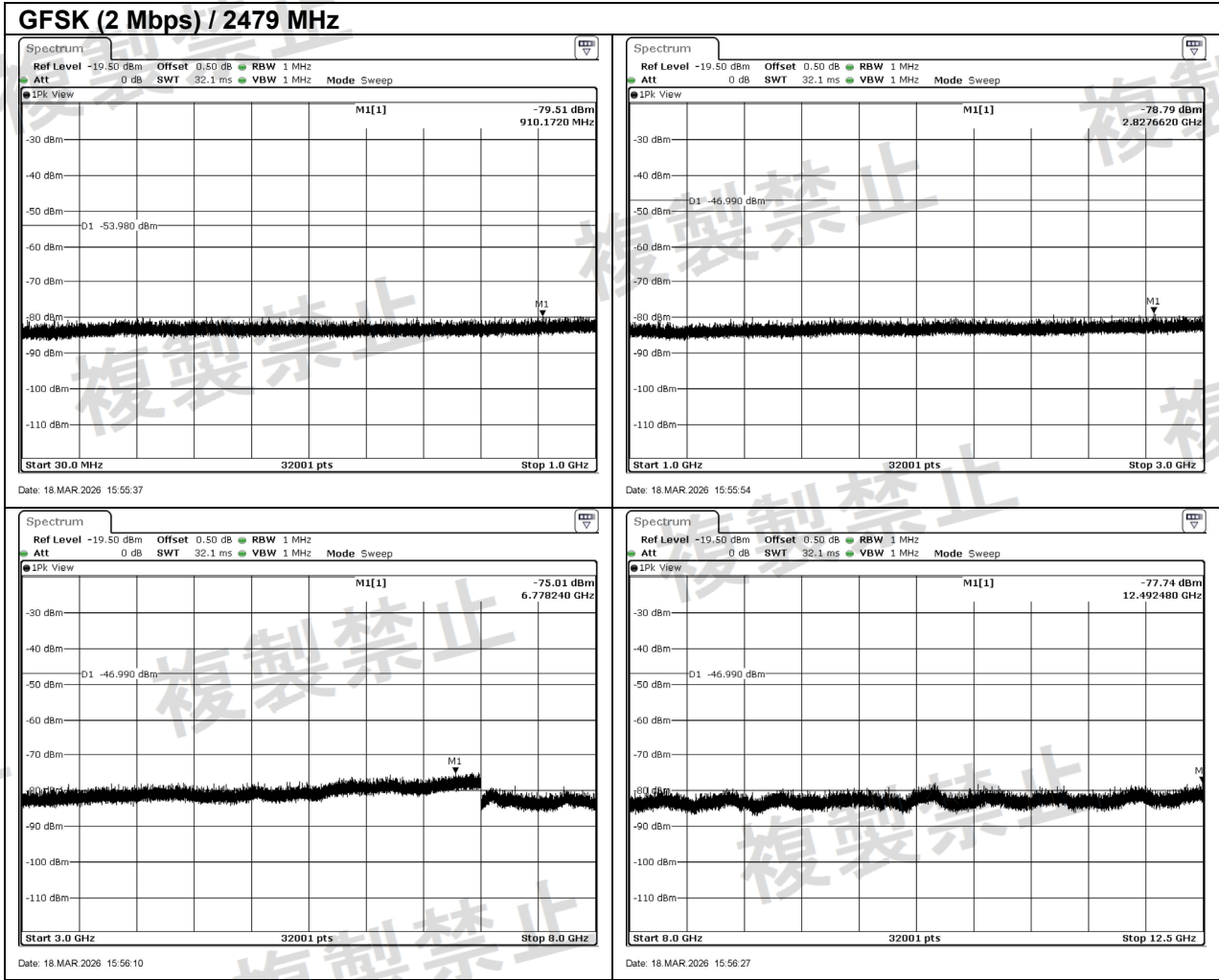
Appendix E. Test Result of Receiver Spurious Emissions

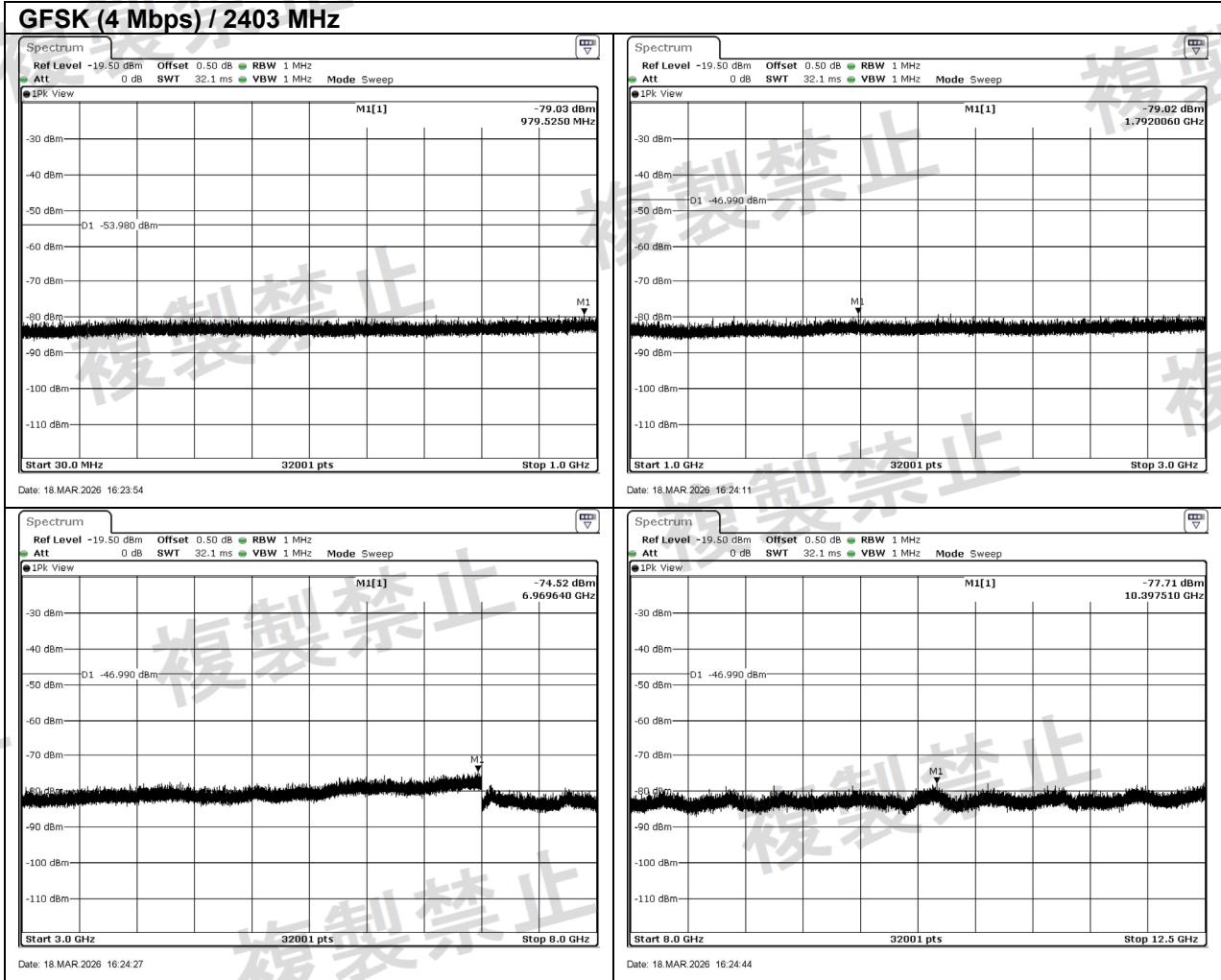
GFSK (2 Mbps)				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (nW)	Limit (nW)
2402	30 - 1000	740.49	0.011776	4
	1000 - 3000	2741.98	0.012972	20
	3000 - 8000	6968.70	0.037844	20
	8000 - 12500	12482.07	0.017498	20
2440	30 - 1000	900.65	0.012445	4
	1000 - 3000	2957.10	0.012106	20
	3000 - 8000	6876.99	0.034674	20
	8000 - 12500	12453.38	0.016788	20
2479	30 - 1000	910.17	0.011194	4
	1000 - 3000	2827.66	0.013213	20
	3000 - 8000	6778.24	0.031550	20
	8000 - 12500	12492.48	0.016827	20

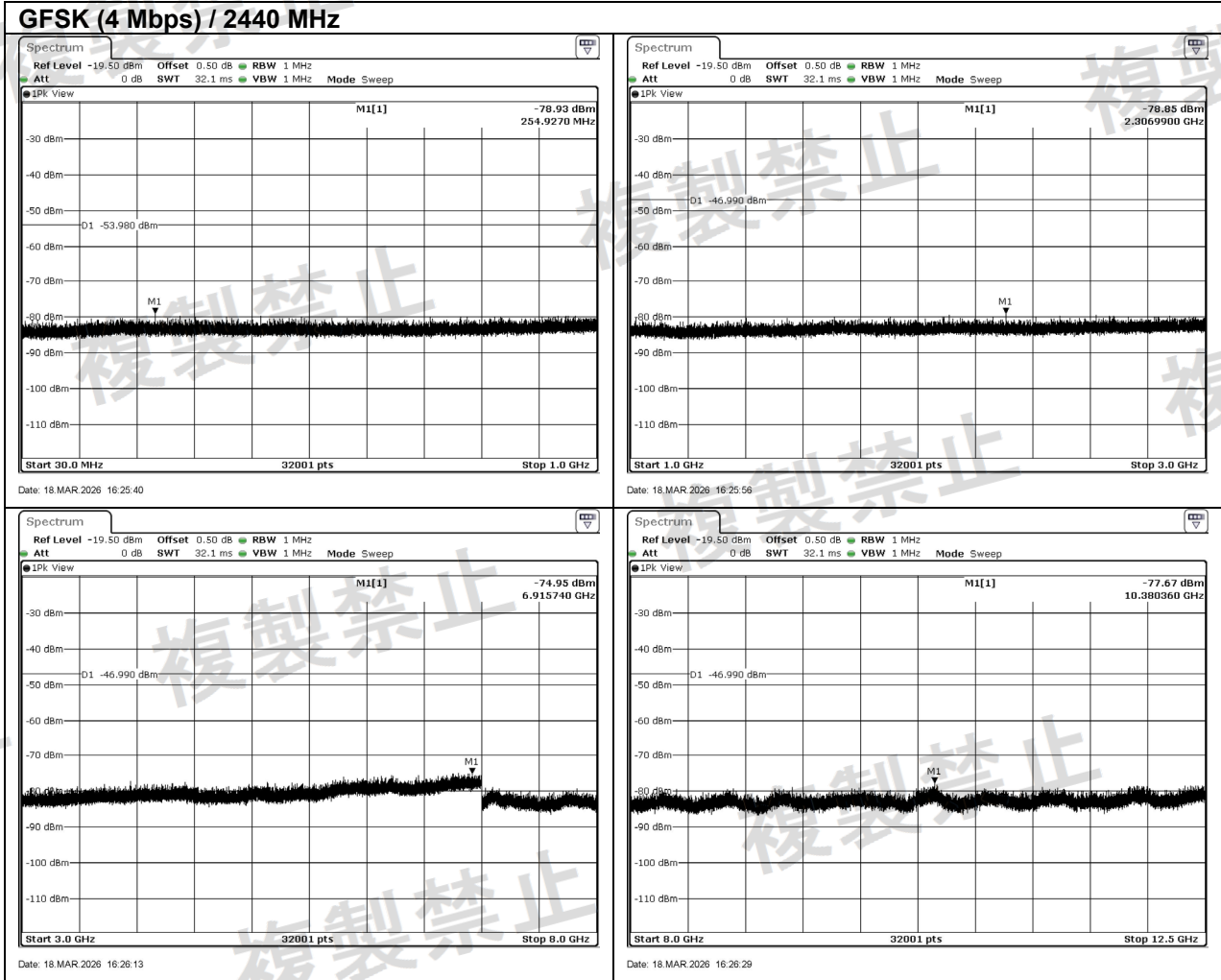
GFSK (4 Mbps)				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (nW)	Limit (nW)
2403	30 - 1000	979.53	0.012503	4
	1000 - 3000	1792.01	0.012531	20
	3000 - 8000	6969.64	0.035318	20
	8000 - 12500	10397.51	0.016943	20
2440	30 - 1000	254.93	0.012794	4
	1000 - 3000	2306.99	0.013032	20
	3000 - 8000	6915.74	0.031989	20
	8000 - 12500	10380.36	0.017100	20
2477	30 - 1000	976.92	0.013428	4
	1000 - 3000	2145.93	0.012618	20
	3000 - 8000	6824.02	0.032659	20
	8000 - 12500	9271.28	0.016866	20

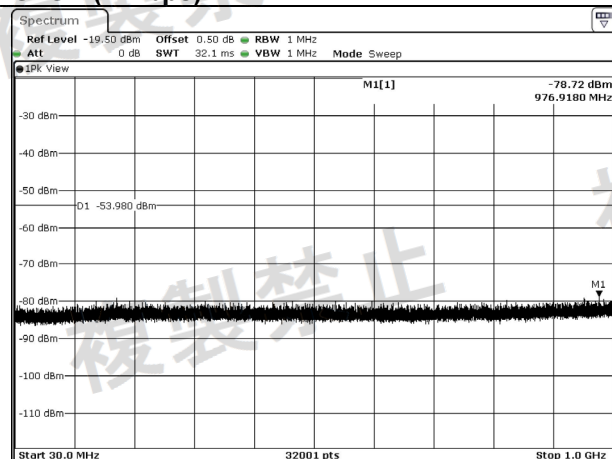




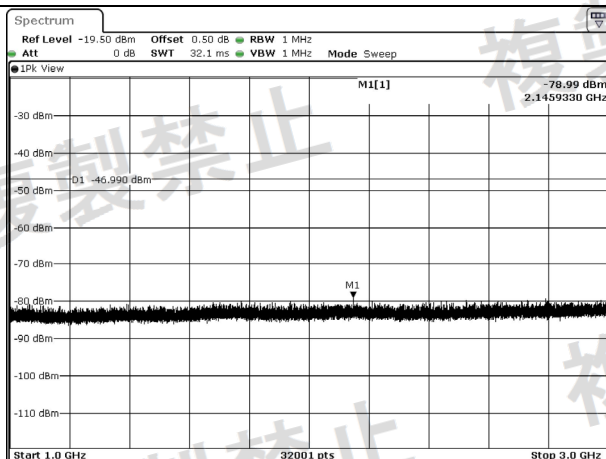




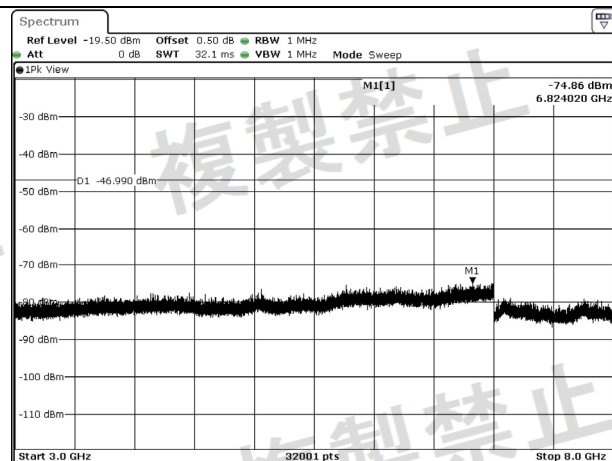


GFSK (4 Mbps) / 2477 MHz

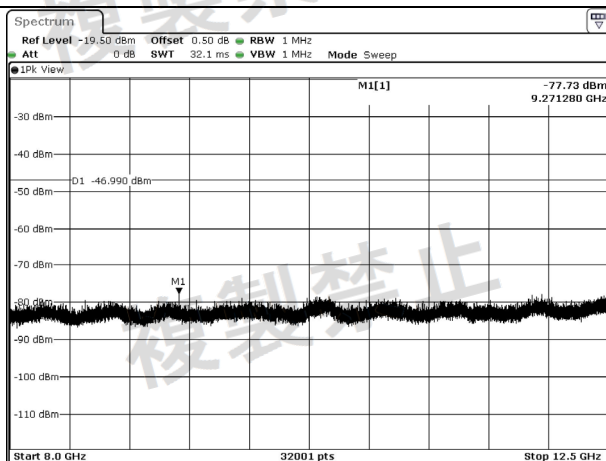
Date: 18.MAR.2026 16:29:27



Date: 18.MAR.2026 16:29:43



Date: 18.MAR.2026 16:30:00



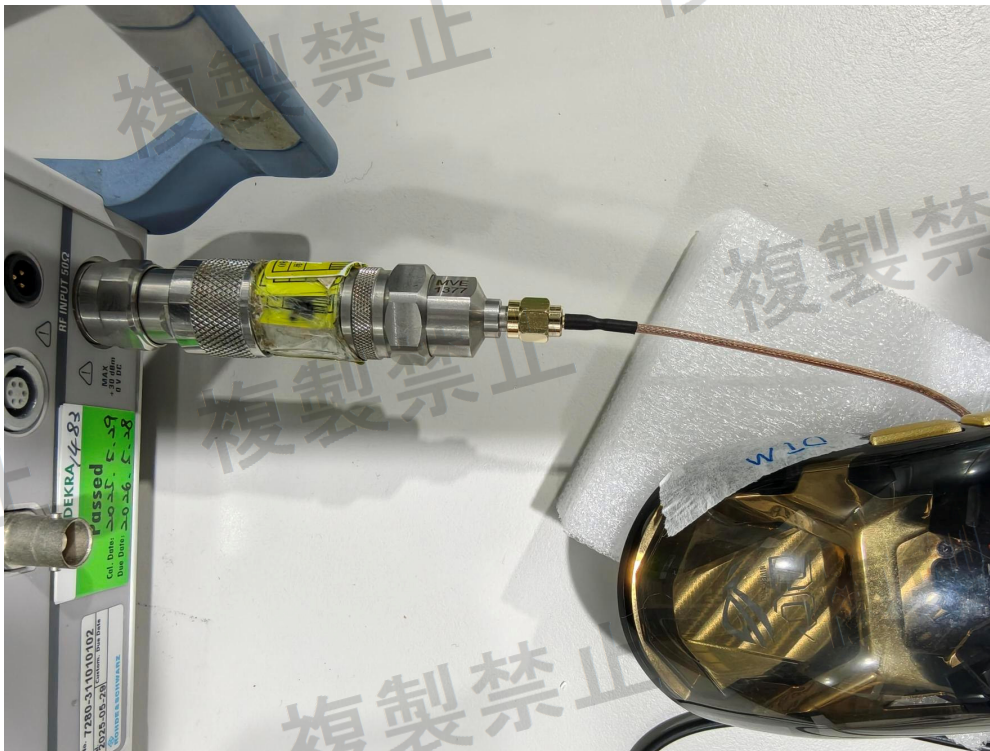
Date: 18.MAR.2026 16:30:17

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)

