

Appendix A.1 Test Result of Antenna Power

GFSK (1 Mbps)			
Frequency (MHz)	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Limit (mW)
2402	5.37	3.44	10
2440	5.22	3.33	10
2480	5.24	3.34	10

GFSK (2 Mbps)			
Frequency (MHz)	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Limit (mW)
2404	5.35	3.43	10
2440	5.21	3.32	10
2478	5.22	3.33	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	3.44	3.44	0.00	+20
2440	3.44	3.33	-3.39	+20
2480	3.44	3.34	-2.95	+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	3.43	3.43	0.00	+20
2440	3.43	3.32	-3.17	+20
2478	3.43	3.33	-2.95	+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	5.37	8.36	12.14
2440	5.22	8.21	12.14
2480	5.24	8.23	12.14

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

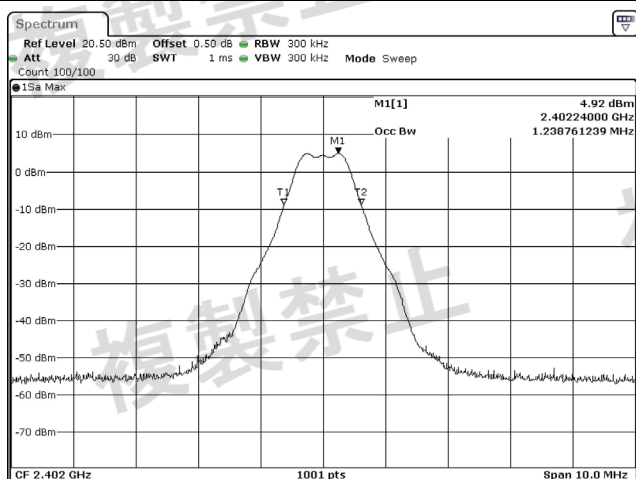
GFSK (2 Mbps)			
Frequency (MHz)	Antenna Power (dBm)	EIRP (dBm)	Limit (dBm)
2404	5.35	8.34	12.14
2440	5.21	8.20	12.14
2478	5.22	8.21	12.14

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

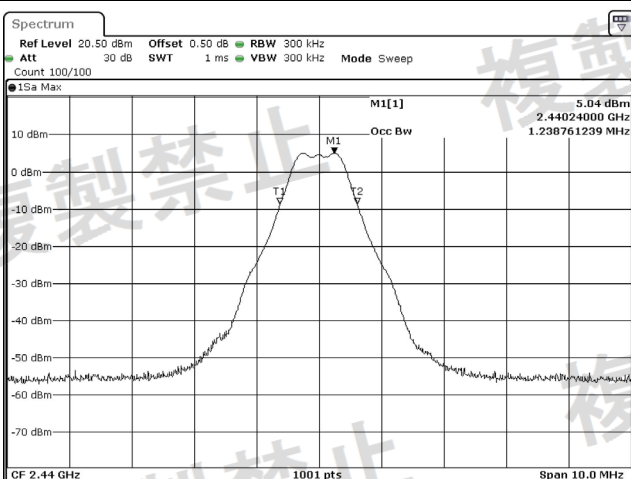
Appendix B. Test Result of Occupied Bandwidth

GFSK (1 Mbps)		
Frequency (MHz)	Reading Value (MHz)	Limit (MHz)
2402	1.23	≤ 26
2440	1.23	≤ 26
2480	1.23	≤ 26

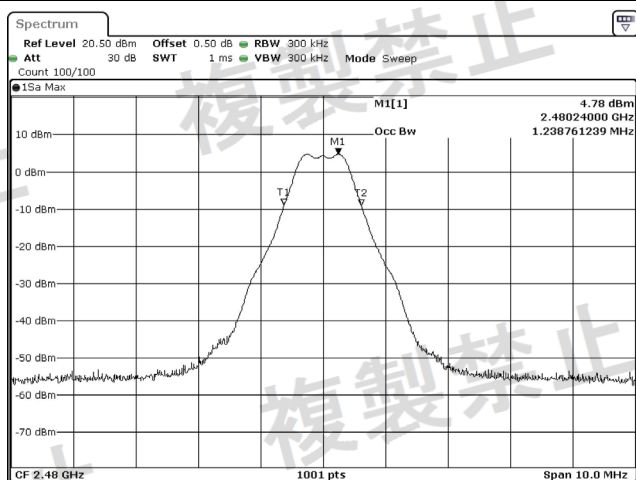
GFSK (2 Mbps)		
Frequency (MHz)	Reading Value (MHz)	Limit (MHz)
2404	2.16	≤ 26
2440	2.15	≤ 26
2478	2.15	≤ 26

GFSK (1 Mbps) / 2402 MHz

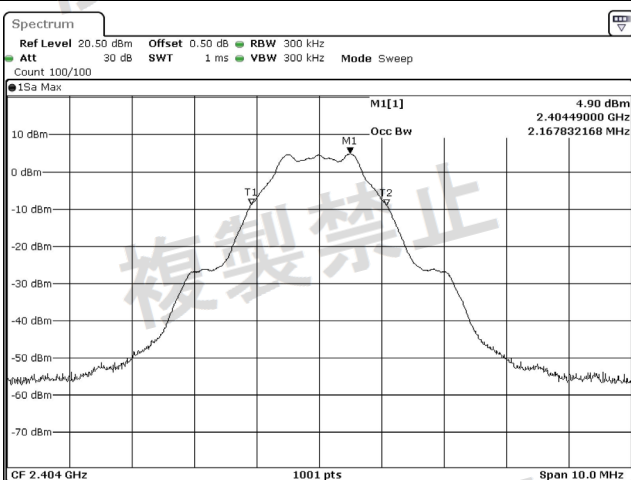
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GFSK (1 Mbps) / 2440 MHz

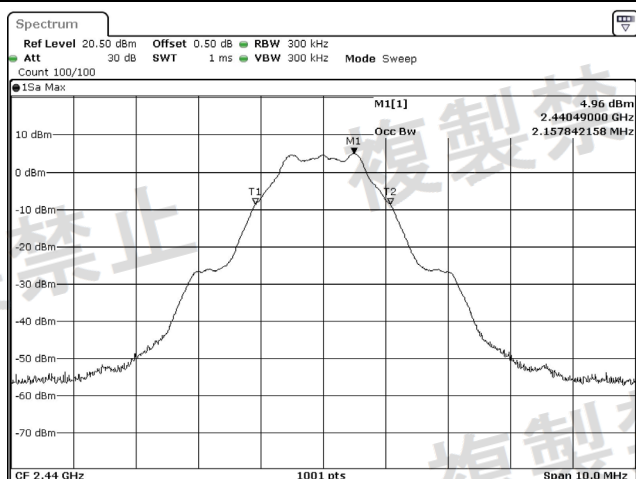
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GFSK (1 Mbps) / 2480 MHz

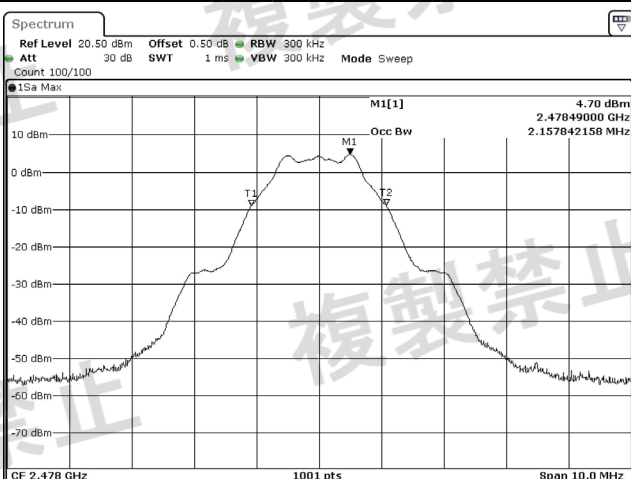
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GFSK (2 Mbps) / 2404 MHz

Date: 29 DEC 2025 16:25:03

GFSK (2 Mbps) / 2440 MHz

Date: 29 DEC 2025 16:31:03

GFSK (2 Mbps) / 2478 MHz

Date: 29 DEC 2025 16:35:40

Appendix C. Test Result of Frequency Tolerance

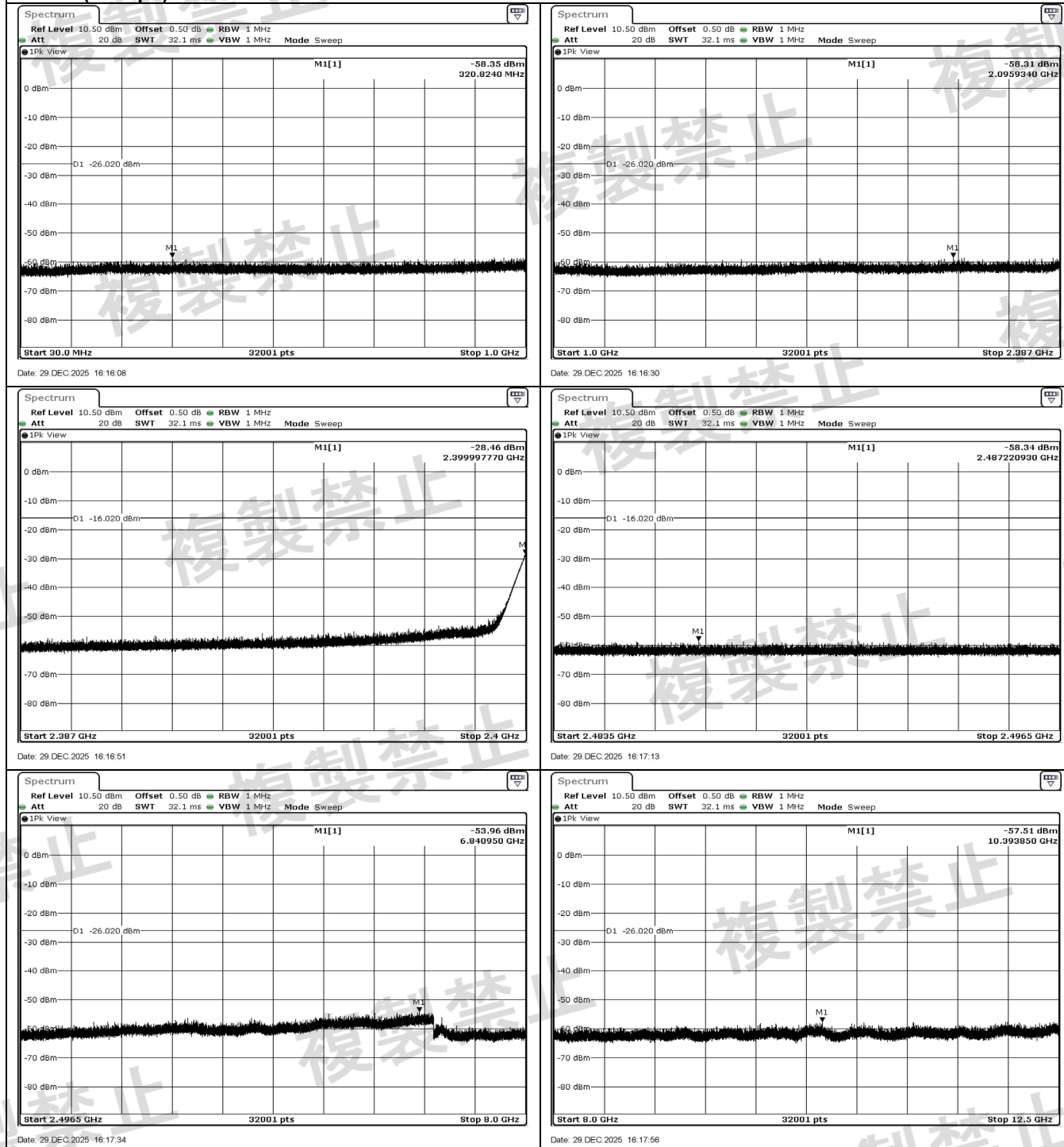
GFSK (1 Mbps)			
Frequency (MHz)	Reading Value (MHz)	Tolerance (ppm)	Limit (ppm)
2402	2401.99	-4.58	± 50
2440	2439.99	-4.51	± 50
2480	2479.99	-4.84	± 50

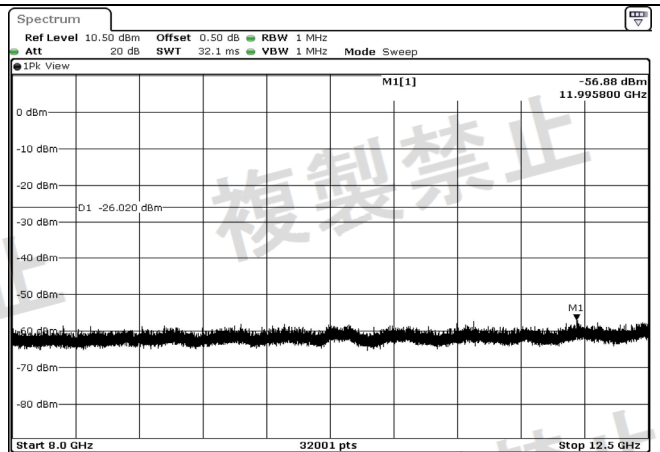
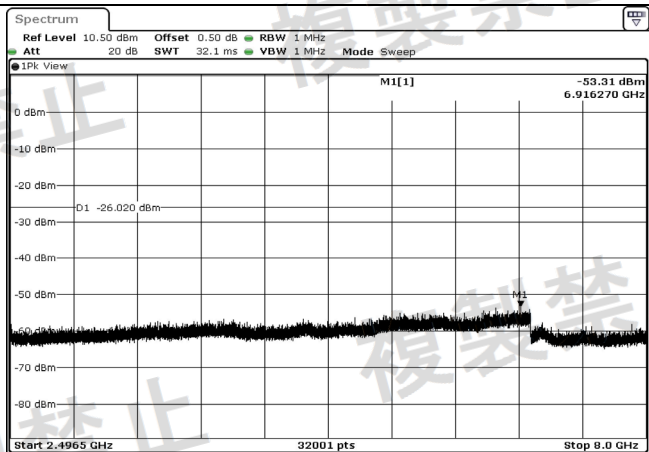
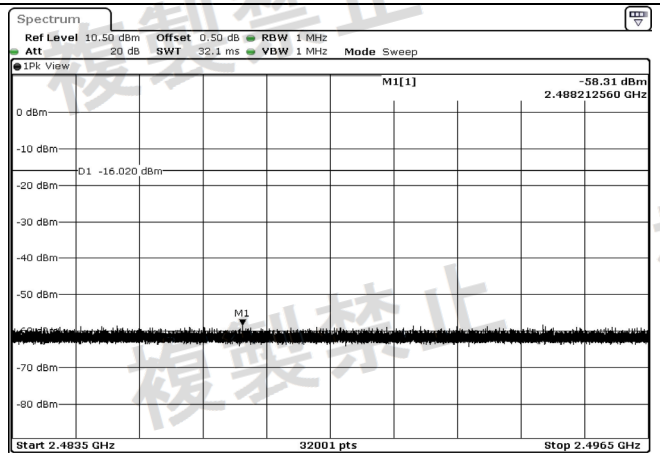
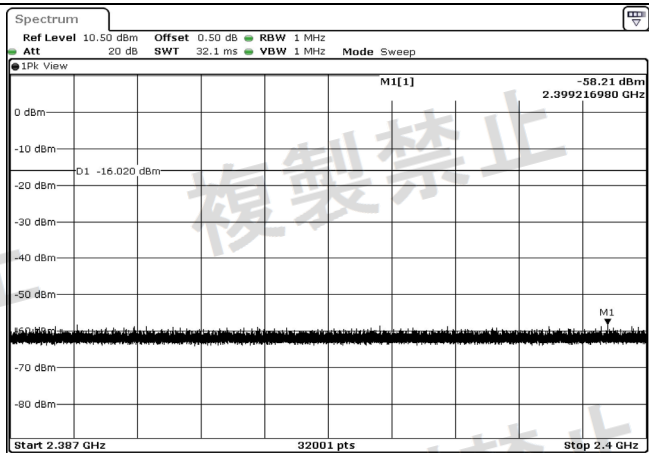
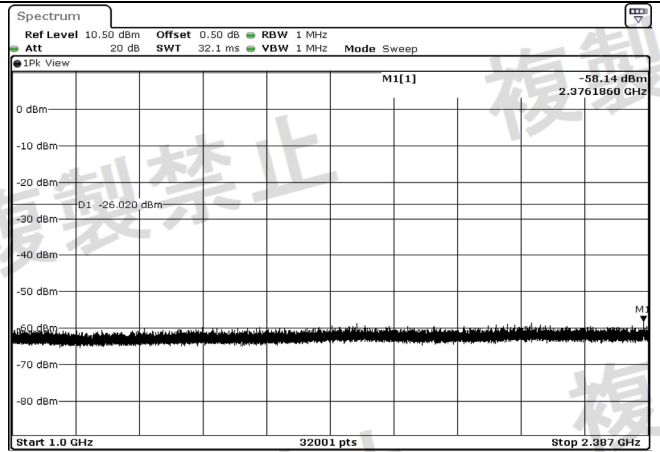
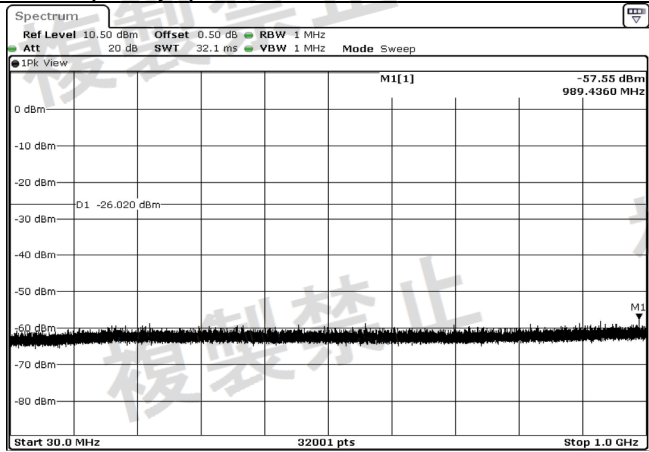
GFSK (2 Mbps)			
Frequency (MHz)	Reading Value (MHz)	Tolerance (ppm)	Limit (ppm)
2404	2403.99	-4.58	± 50
2440	2439.99	-4.92	± 50
2478	2477.99	-4.84	± 50

Appendix D. Test Result of Transmitter Spurious Emissions

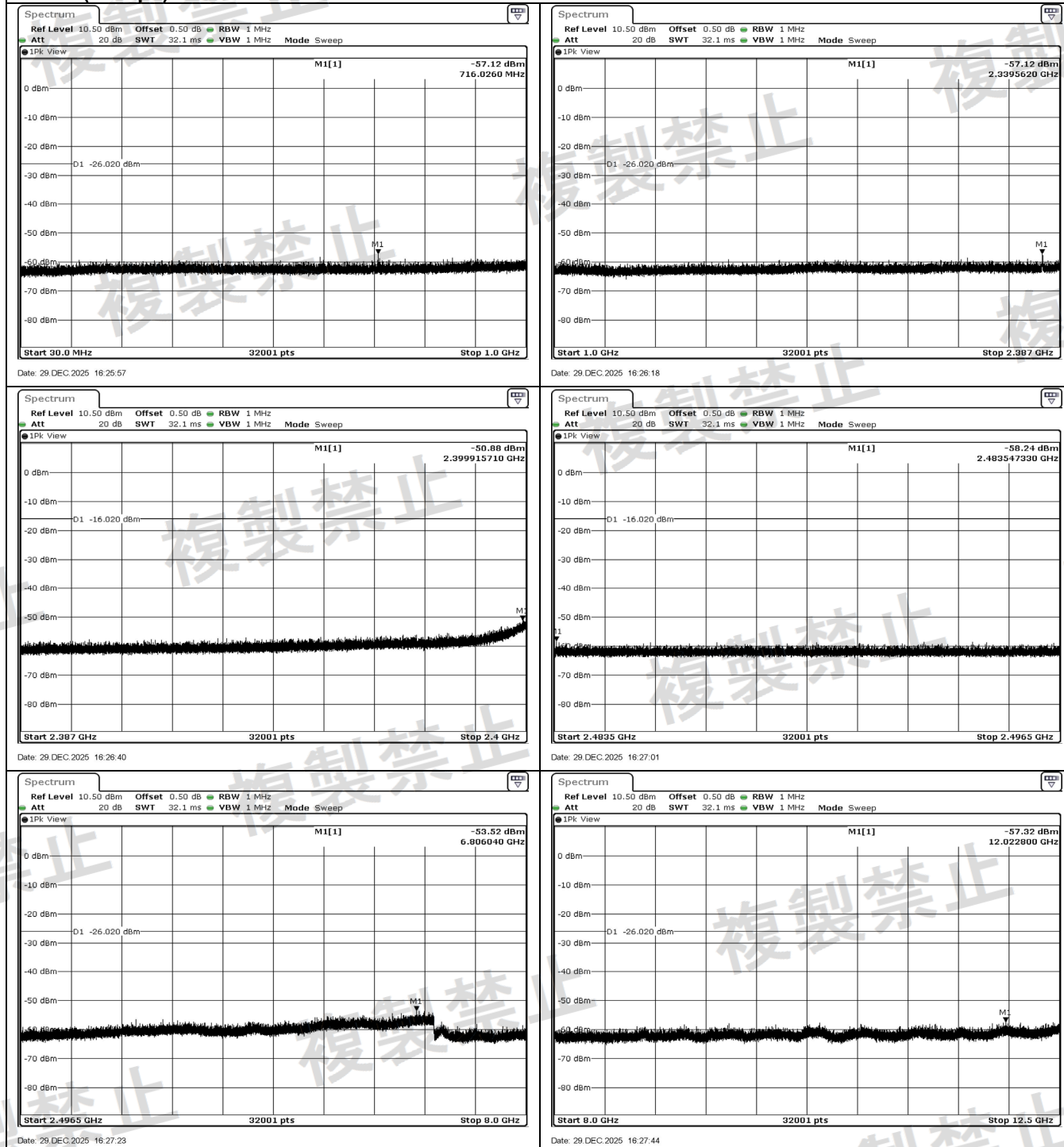
GFSK (1 Mbps)				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (μW/MHz)	Limit (μW/MHz)
2402	30 - 1000	320.82	0.001462	2.5
	1000 - 2387	2095.93	0.001476	2.5
	2387 - 2400	2400.00	1.425608	25
	2483.5 - 2496.5	2487.22	0.001466	25
	2496.5 - 8000	6840.95	0.004018	2.5
	8000 - 12500	10393.85	0.001774	2.5
2440	30 - 1000	989.44	0.001758	2.5
	1000 - 2387	2376.19	0.001535	2.5
	2387 - 2400	2399.22	0.001510	25
	2483.5 - 2496.5	2488.21	0.001476	25
	2496.5 - 8000	6916.27	0.004667	2.5
	8000 - 12500	11995.80	0.002051	2.5
2480	30 - 1000	988.71	0.001337	2.5
	1000 - 2387	2268.05	0.001462	2.5
	2387 - 2400	2395.11	0.001409	25
	2483.5 - 2496.5	2483.86	0.005212	25
	2496.5 - 8000	6987.99	0.004227	2.5
	8000 - 12500	12478.98	0.001914	2.5

GFSK (2 Mbps)				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (μW/MHz)	Limit (μW/MHz)
2404	30 - 1000	716.03	0.001941	2.5
	1000 - 2387	2339.56	0.001941	2.5
	2387 - 2400	2399.92	0.008166	25
	2483.5 - 2496.5	2483.55	0.001500	25
	2496.5 - 8000	6806.04	0.004446	2.5
	8000 - 12500	12022.80	0.001854	2.5
2440	30 - 1000	995.53	0.001403	2.5
	1000 - 2387	2376.40	0.002023	2.5
	2387 - 2400	2395.90	0.001524	25
	2483.5 - 2496.5	2484.99	0.001387	25
	2496.5 - 8000	6563.89	0.004276	2.5
	8000 - 12500	12474.90	0.002148	2.5
2478	30 - 1000	781.68	0.001368	2.5
	1000 - 2387	2153.67	0.001528	2.5
	2387 - 2400	2396.32	0.001455	25
	2483.5 - 2496.5	2485.47	0.002958	25
	2496.5 - 8000	6822.03	0.003741	2.5
	8000 - 12500	12383.64	0.002168	2.5

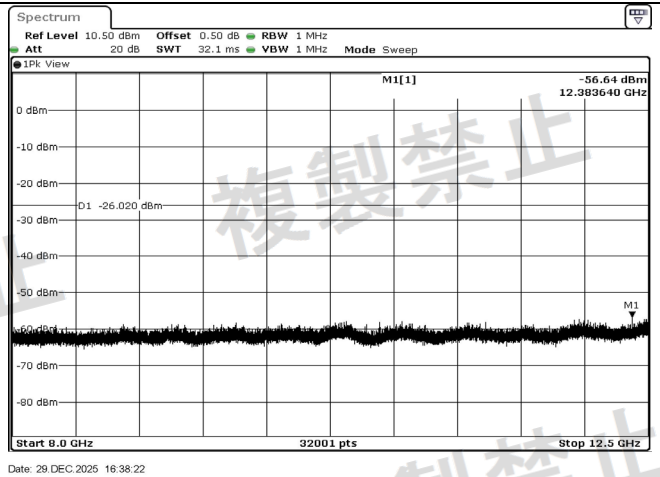
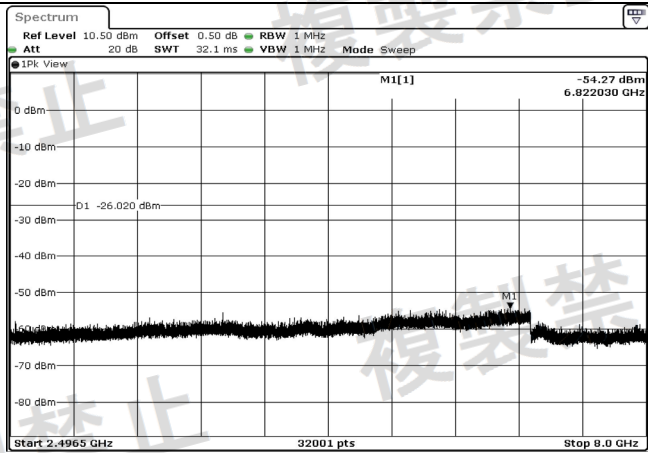
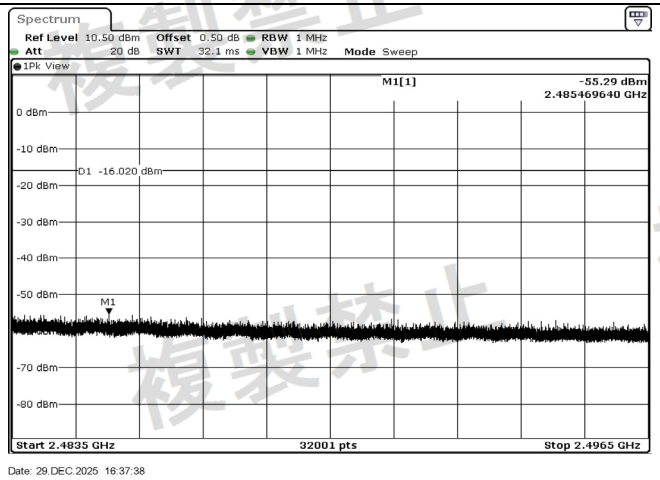
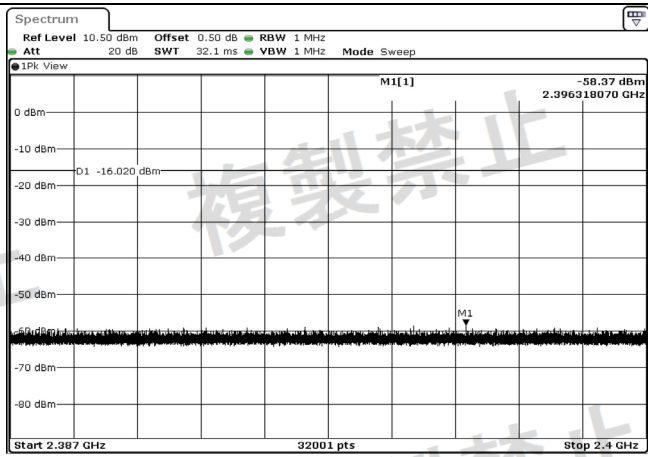
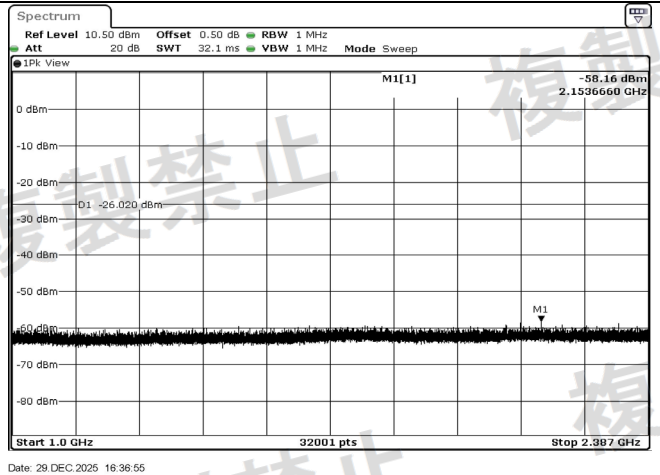
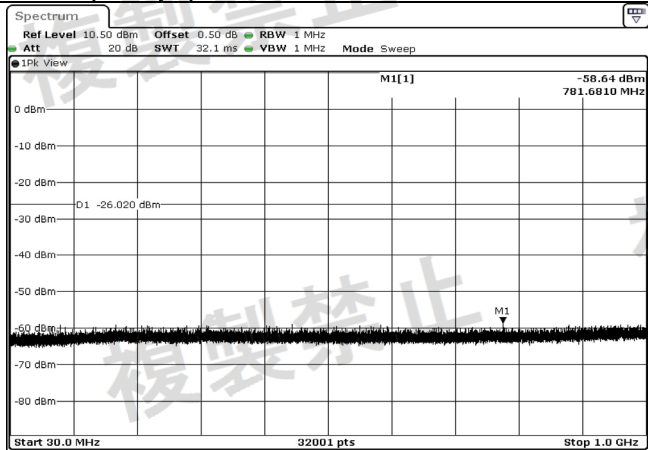
GFSK (1 Mbps) / 2402 MHz

GFSK (1 Mbps) / 2440 MHz

GFSK (1 Mbps) / 2480 MHz

GFSK (2 Mbps) / 2404 MHz

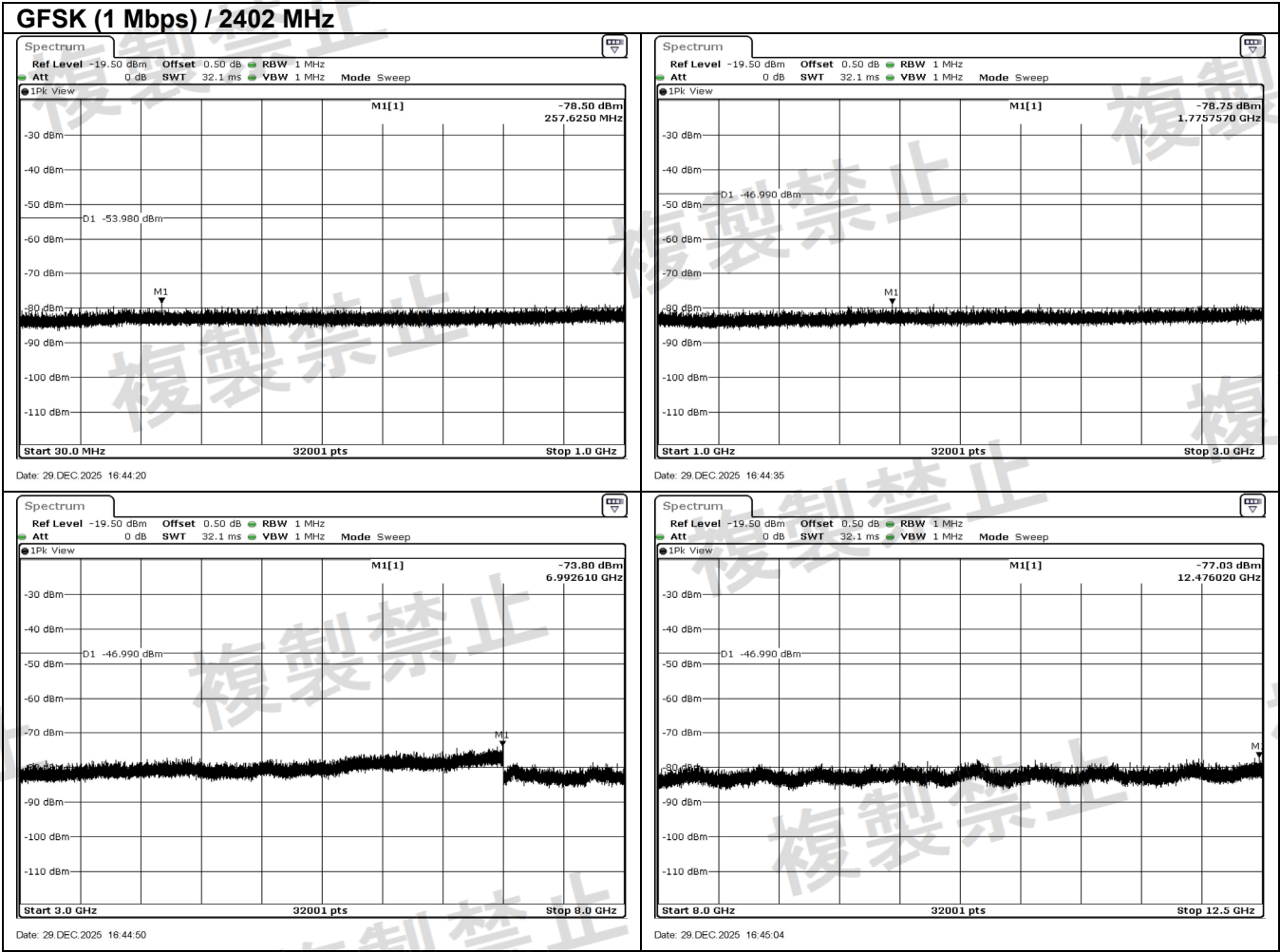
GFSK (2 Mbps) / 2440 MHz

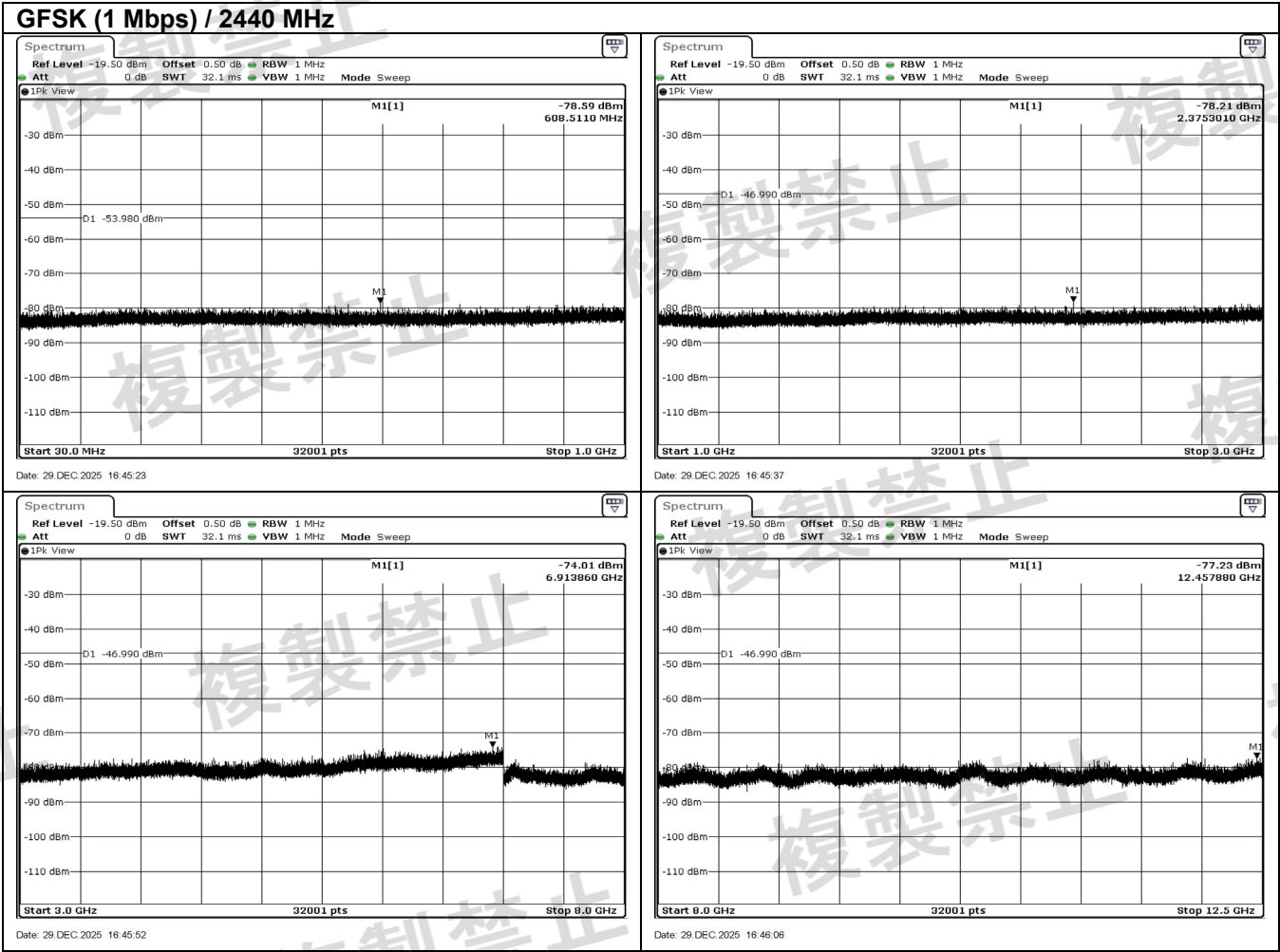
GFSK (2 Mbps) / 2478 MHz

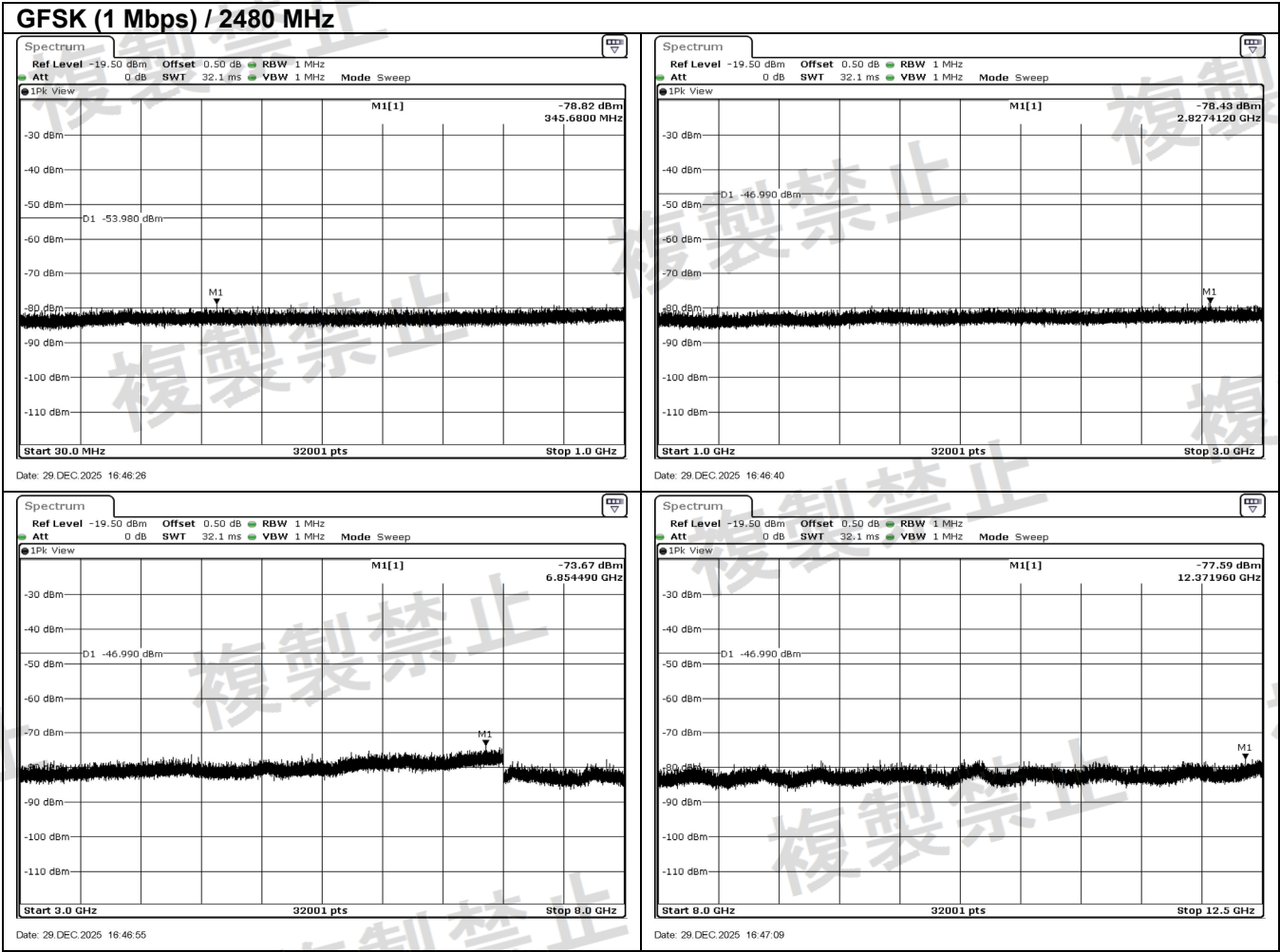
Appendix E. Test Result of Receiver Spurious Emissions

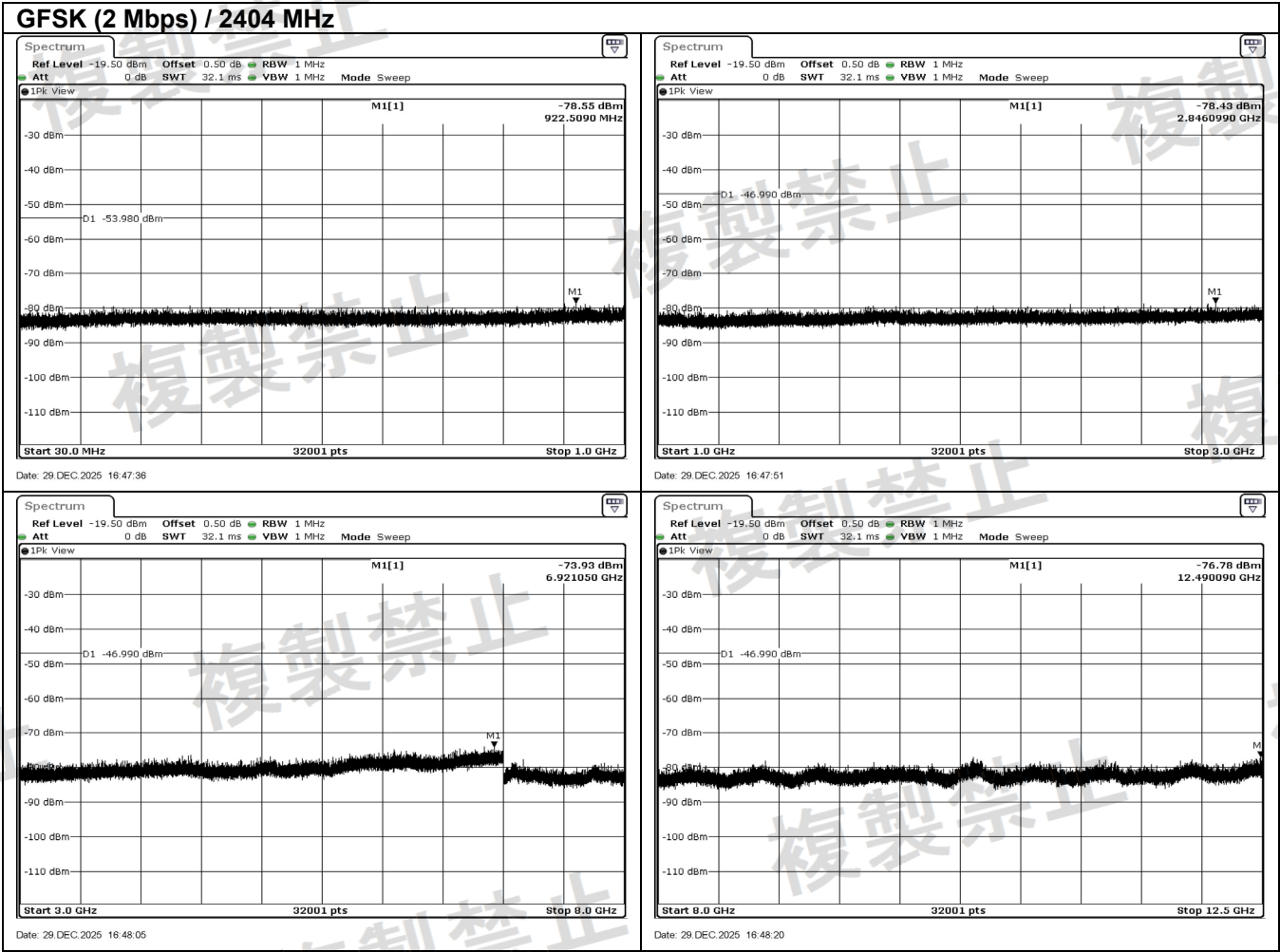
GFSK (1 Mbps)				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (nW)	Limit (nW)
2402	30 - 1000	257.63	0.014125	4
	1000 - 3000	1775.76	0.013335	20
	3000 - 8000	6992.61	0.041687	20
	8000 - 12500	12476.02	0.019815	20
2440	30 - 1000	608.51	0.013836	4
	1000 - 3000	2375.30	0.015101	20
	3000 - 8000	6913.86	0.039719	20
	8000 - 12500	12457.88	0.018923	20
2480	30 - 1000	345.68	0.013122	4
	1000 - 3000	2827.41	0.014355	20
	3000 - 8000	6854.49	0.042954	20
	8000 - 12500	12371.96	0.017418	20

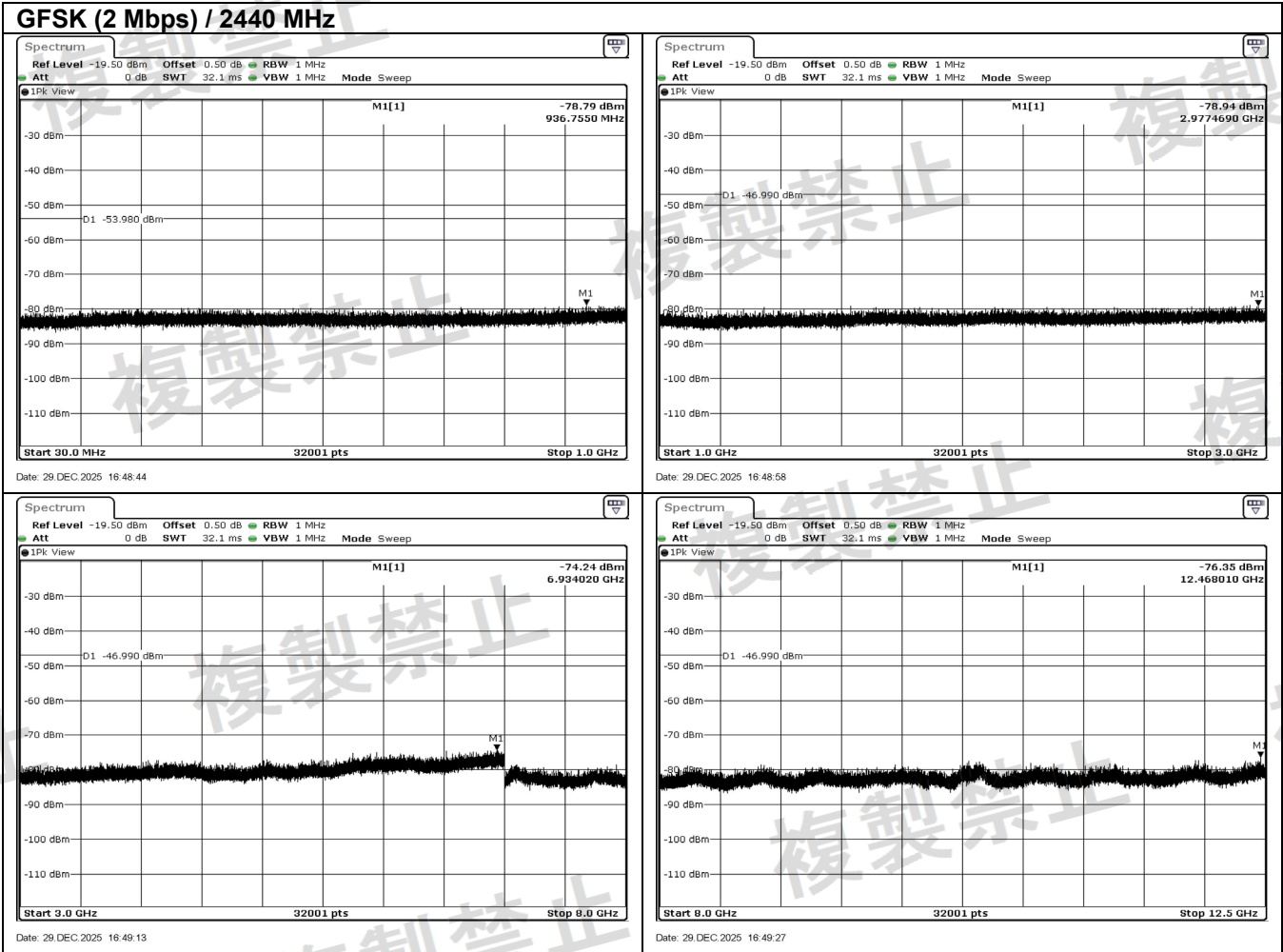
GFSK (2 Mbps)				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (nW)	Limit (nW)
2404	30 - 1000	922.51	0.013964	4
	1000 - 3000	2846.10	0.014355	20
	3000 - 8000	6921.05	0.040458	20
	8000 - 12500	12490.09	0.020989	20
2440	30 - 1000	936.76	0.013213	4
	1000 - 3000	2977.47	0.012764	20
	3000 - 8000	6934.02	0.037670	20
	8000 - 12500	12468.01	0.023174	20
2478	30 - 1000	230.22	0.015885	4
	1000 - 3000	2825.91	0.013964	20
	3000 - 8000	6886.21	0.042658	20
	8000 - 12500	10309.90	0.018750	20

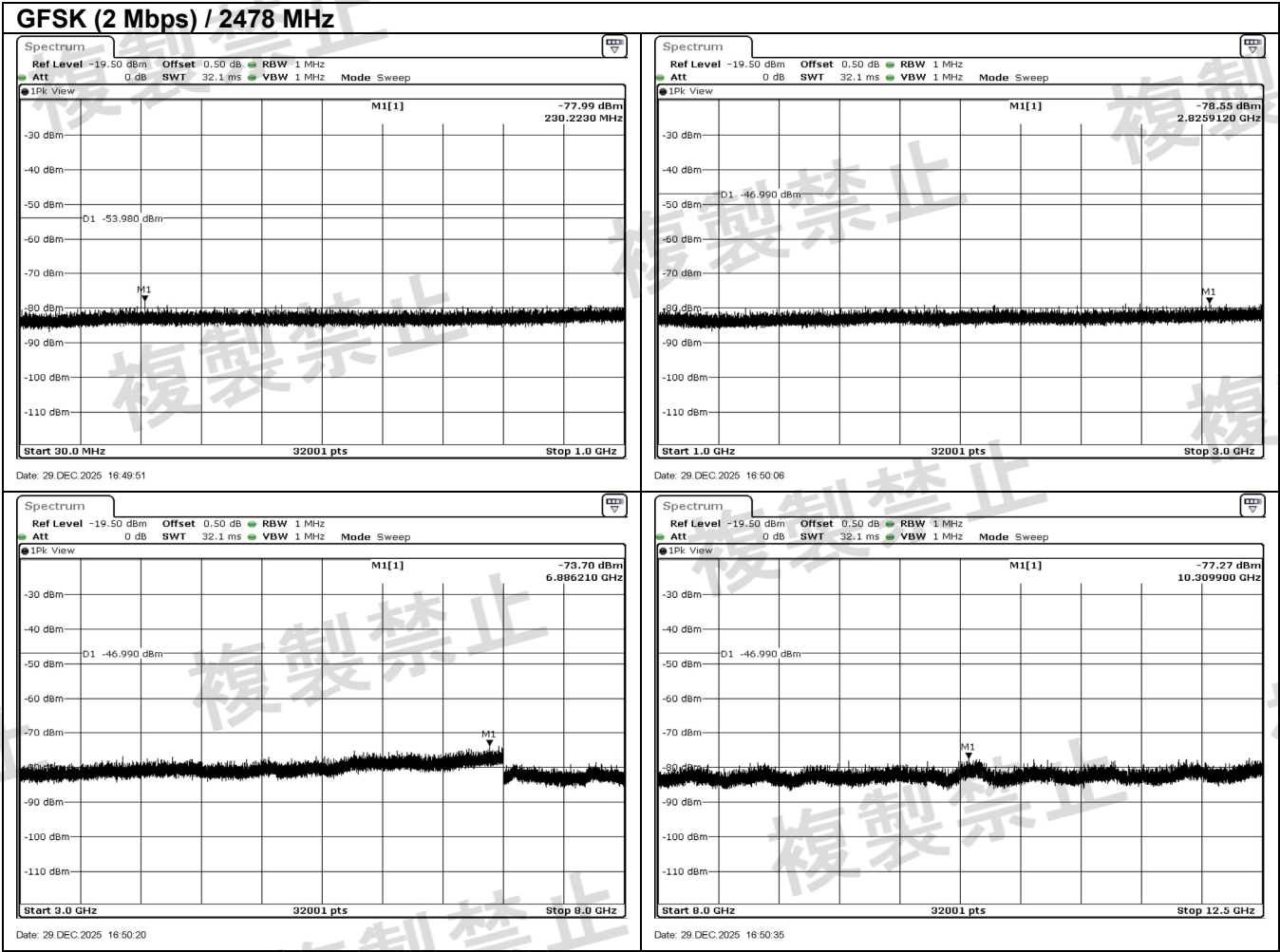










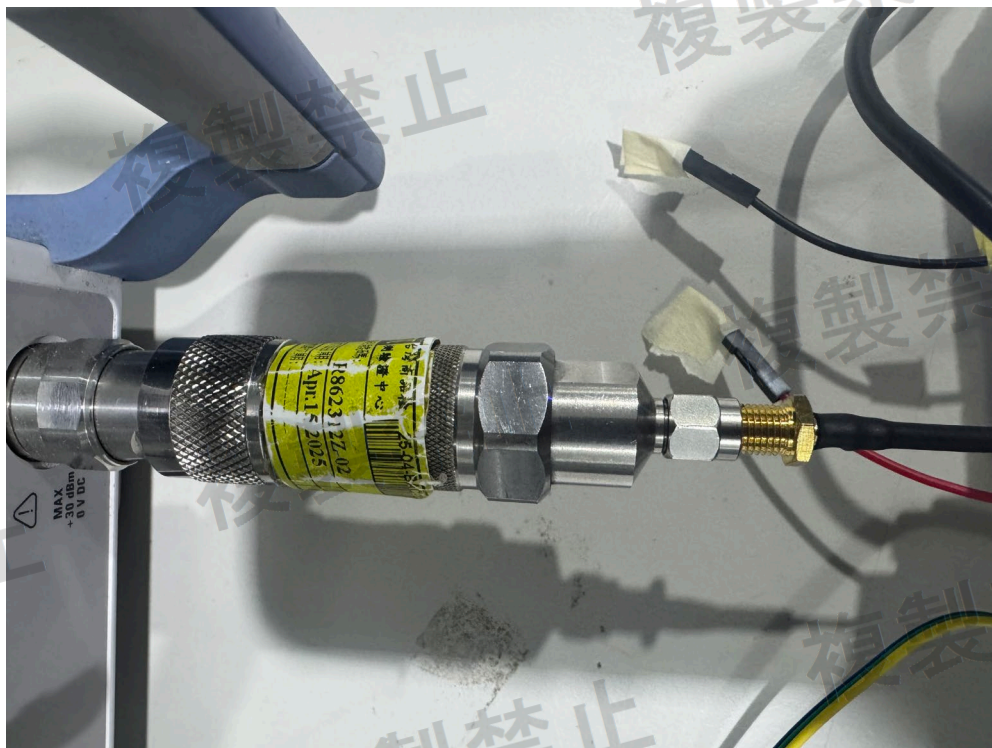
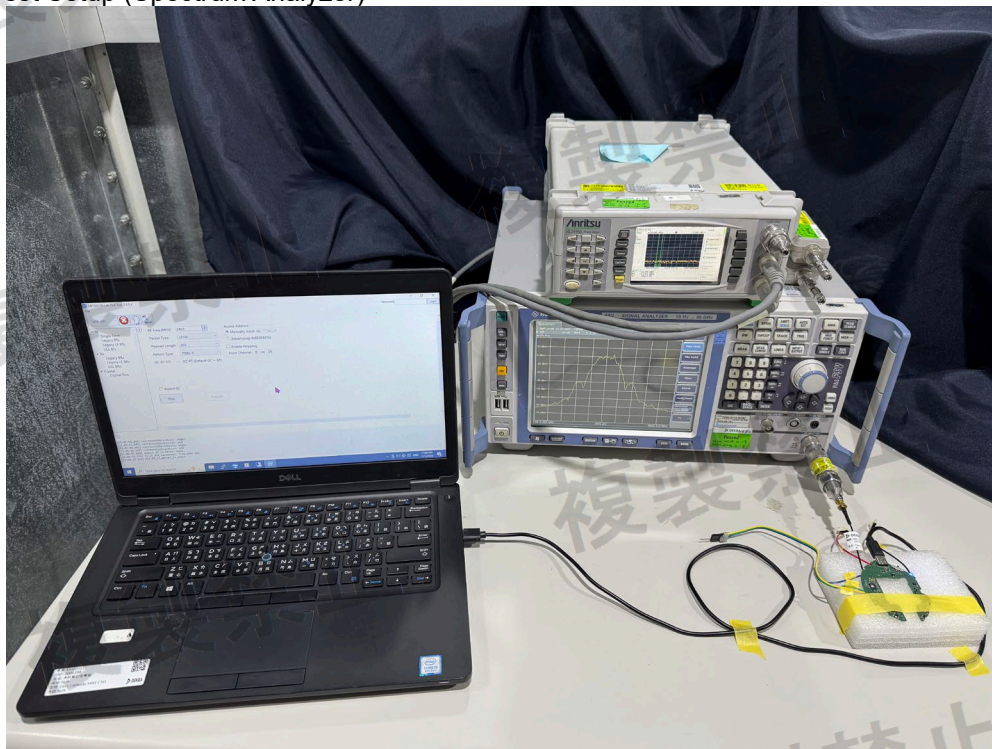


Appendix F. Test Result of Interference Prevention Function

Test Mode	Test Result
Normal Link	Pass

Appendix G. Test Photograph

Description: Test Setup (Spectrum Analyzer)



Description: Test Setup (Power Meter)

