

Appendix RF Test Data for BR-EDR

Company : COOPERS CO.,LTD

会社 : COOPERS 株式会社

EUT : tablet PC

Model Number : P10

Report No. : CTA26031200204

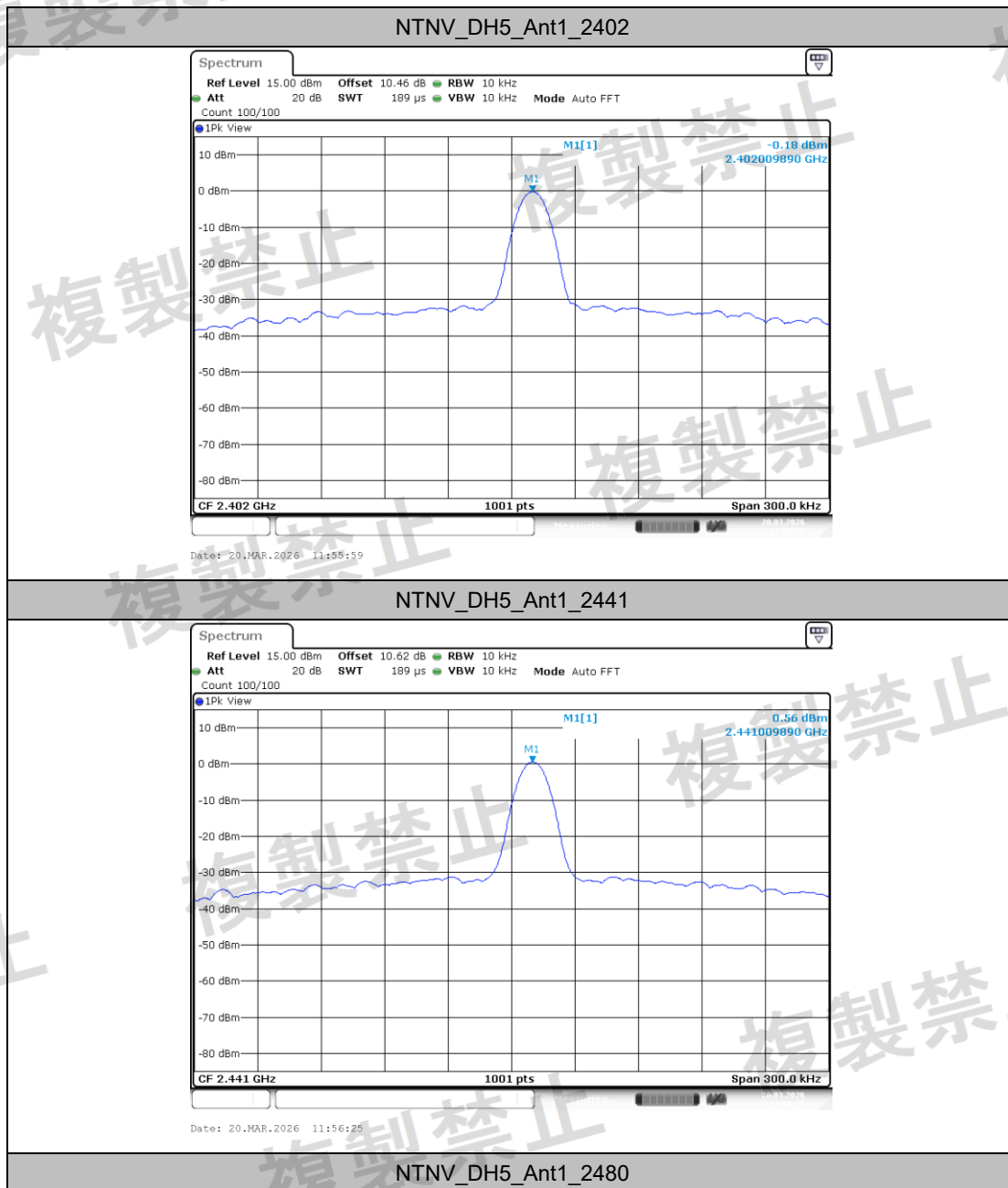
Reviewed By : Eric Wang

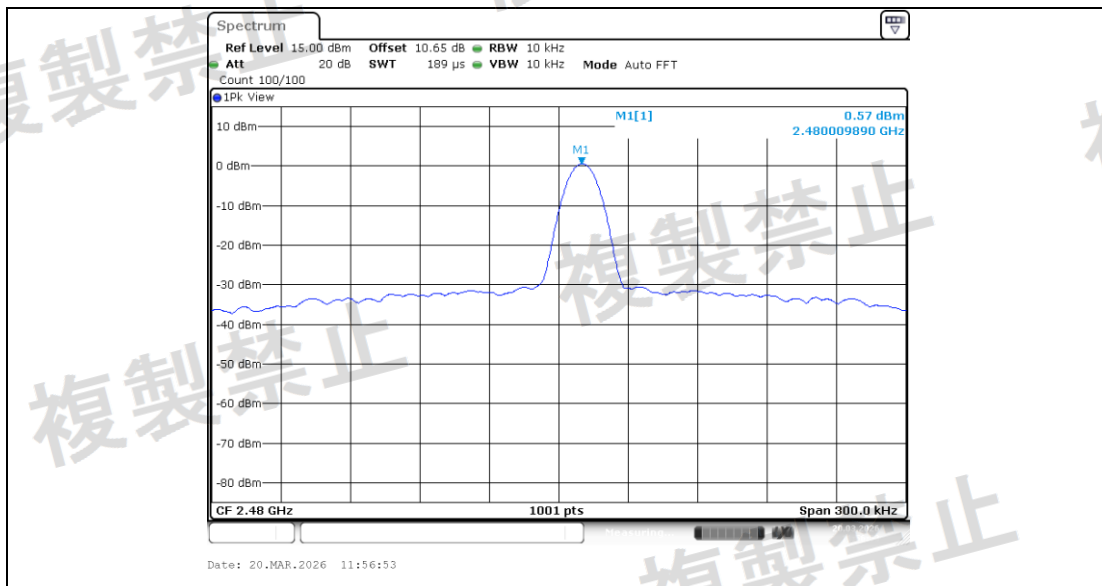
Appendix A: Frequency_Error

Test Result

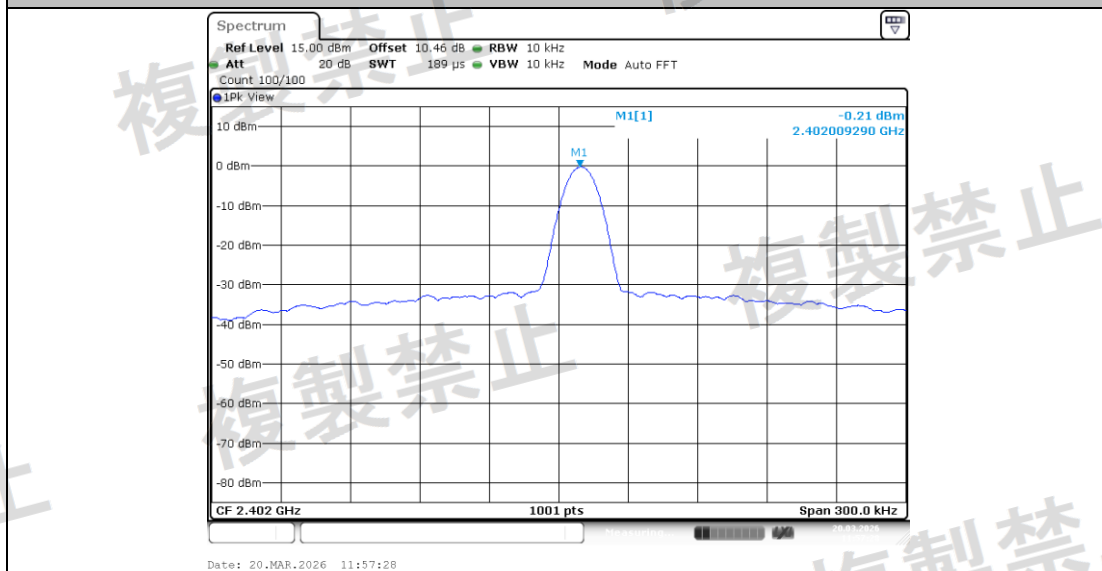
Test Condition	Test Mode	Antenna	Freq(MHz)	Result[ppm]	Limit[ppm]	Verdict
NTNV	DH5	Ant1	2402	4.11740	±50	PASS
			2441	4.05162	±50	PASS
			2480	3.98790	±50	PASS
	2DH5	Ant1	2402	3.86761	±50	PASS
			2441	3.92872	±50	PASS
			2480	3.98790	±50	PASS
	3DH5	Ant1	2402	3.86761	±50	PASS
			2441	3.80582	±50	PASS
			2480	3.86694	±50	PASS

Test Graphs

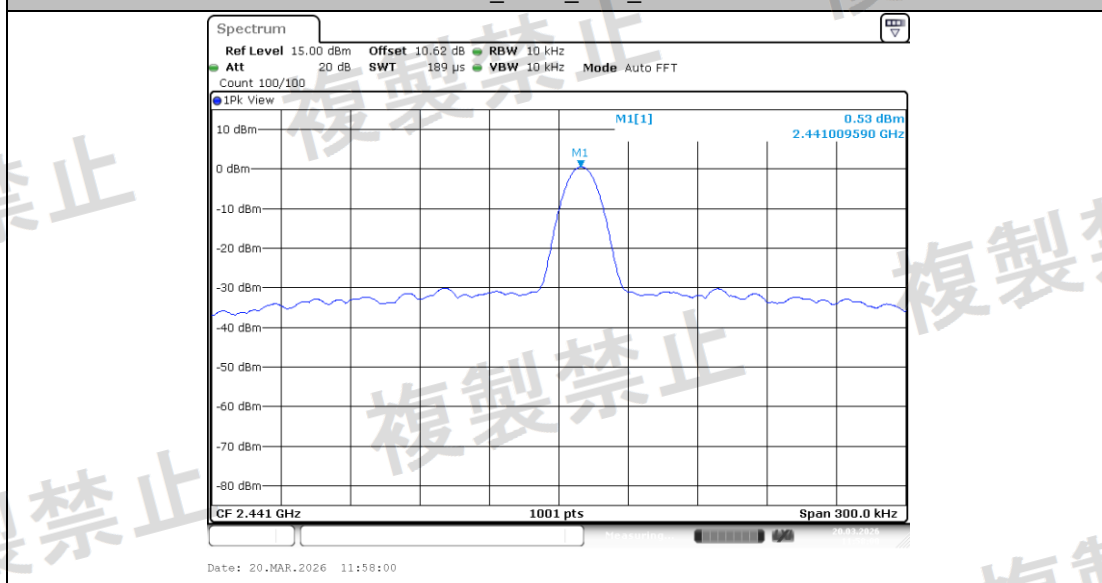


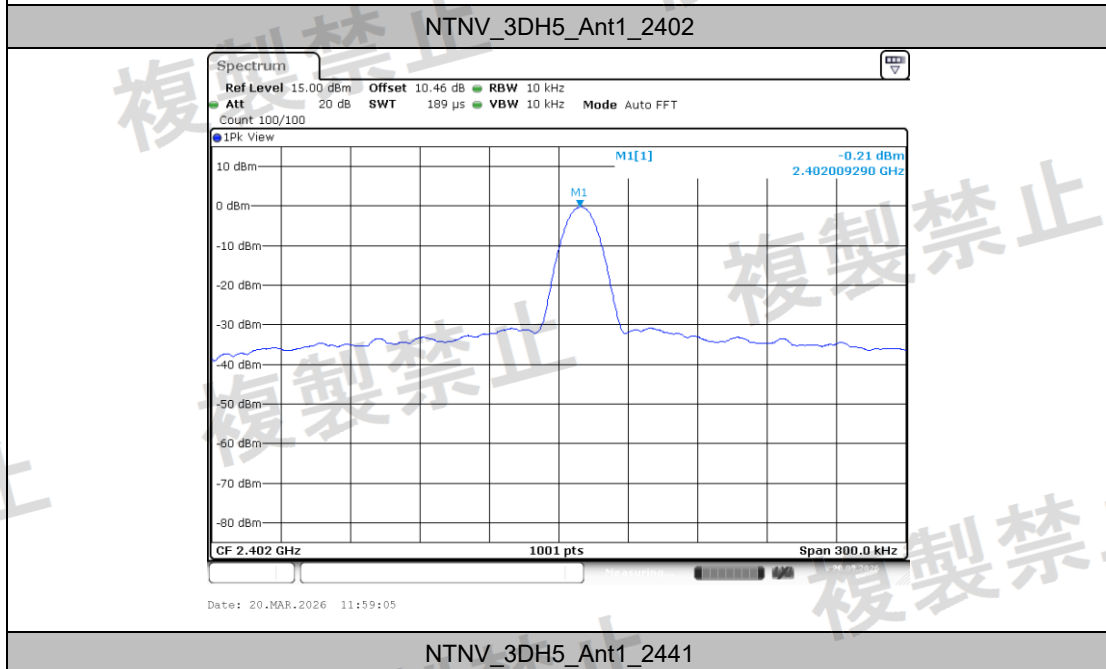
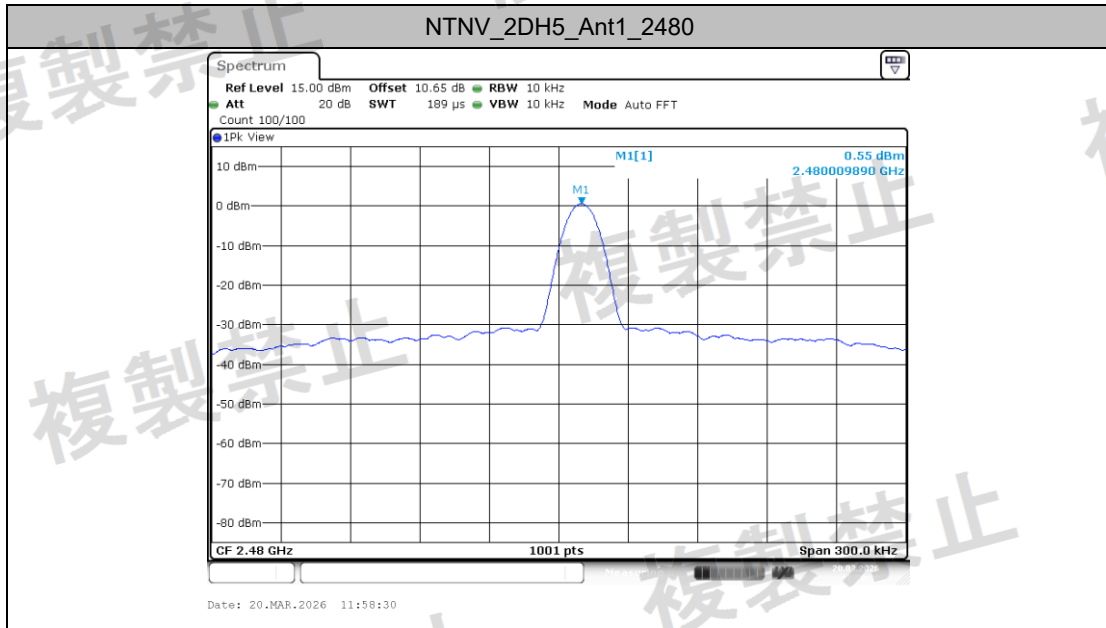


NTVN_2DH5_Ant1_2402

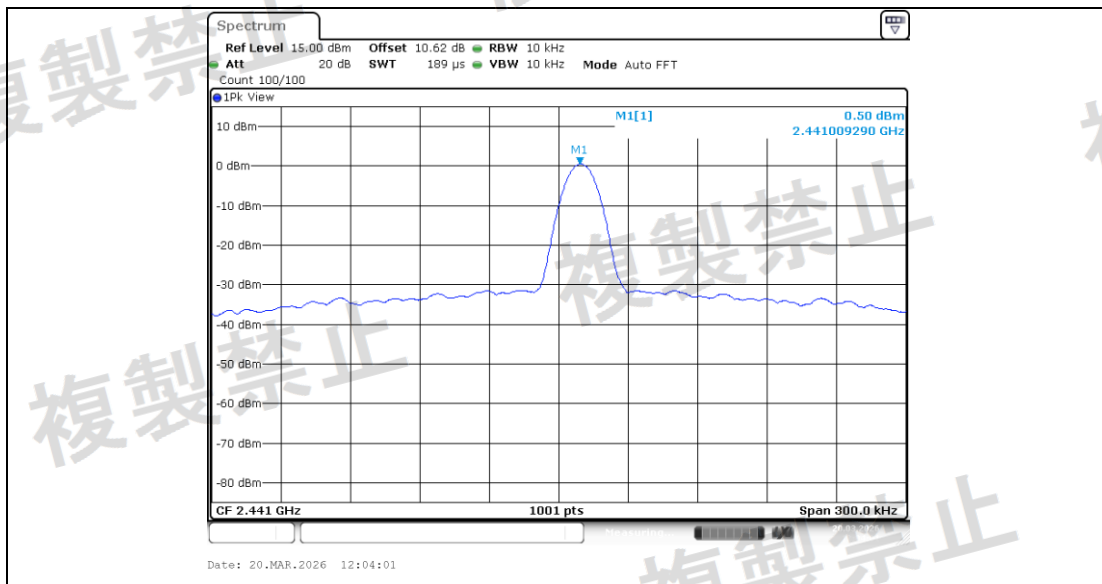


NTVN_2DH5_Ant1_2441

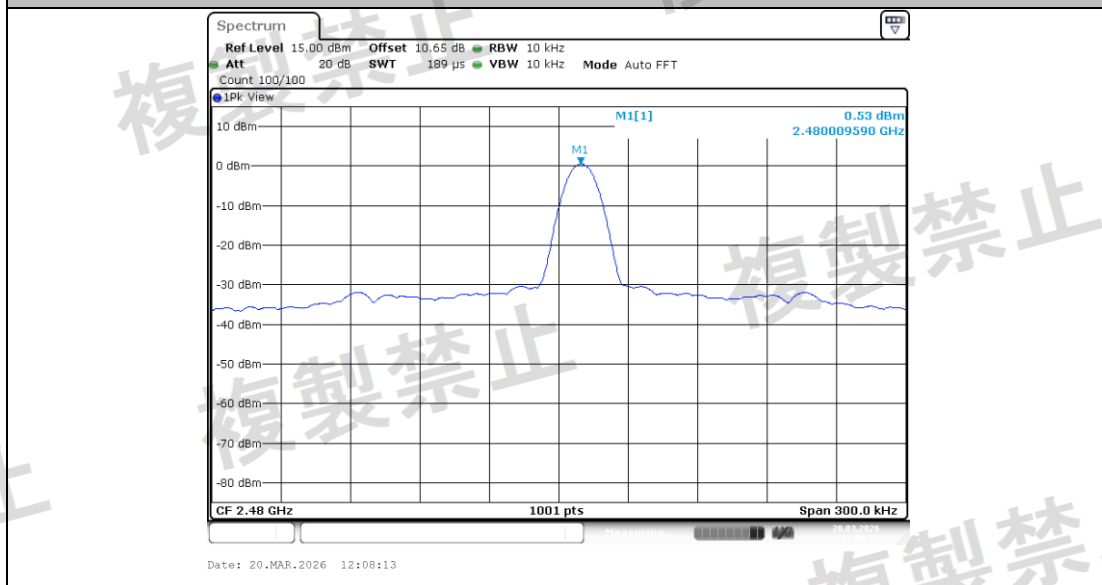




NTNV_3DH5_Ant1_2441



NTNV_3DH5_Ant1_2480

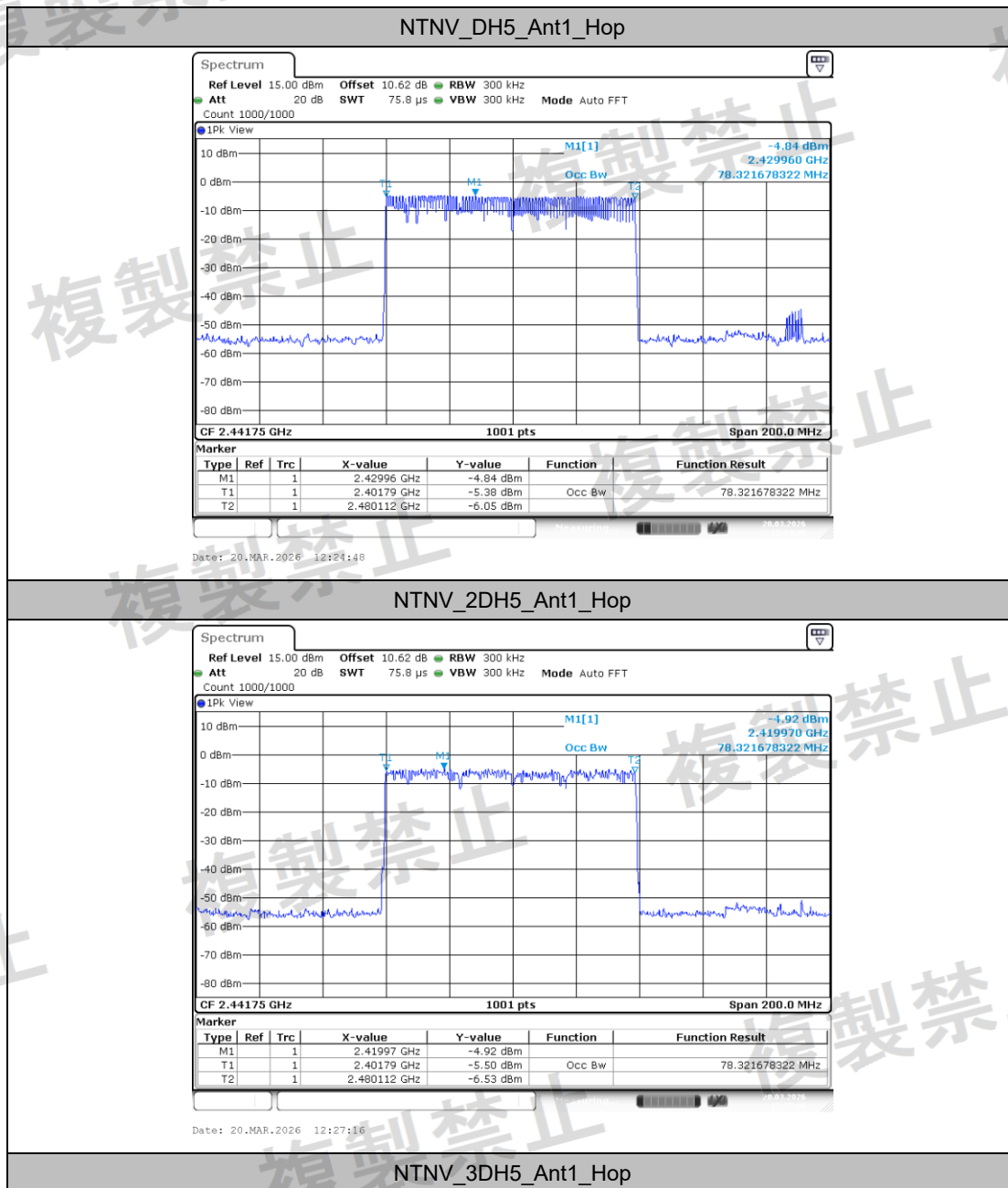


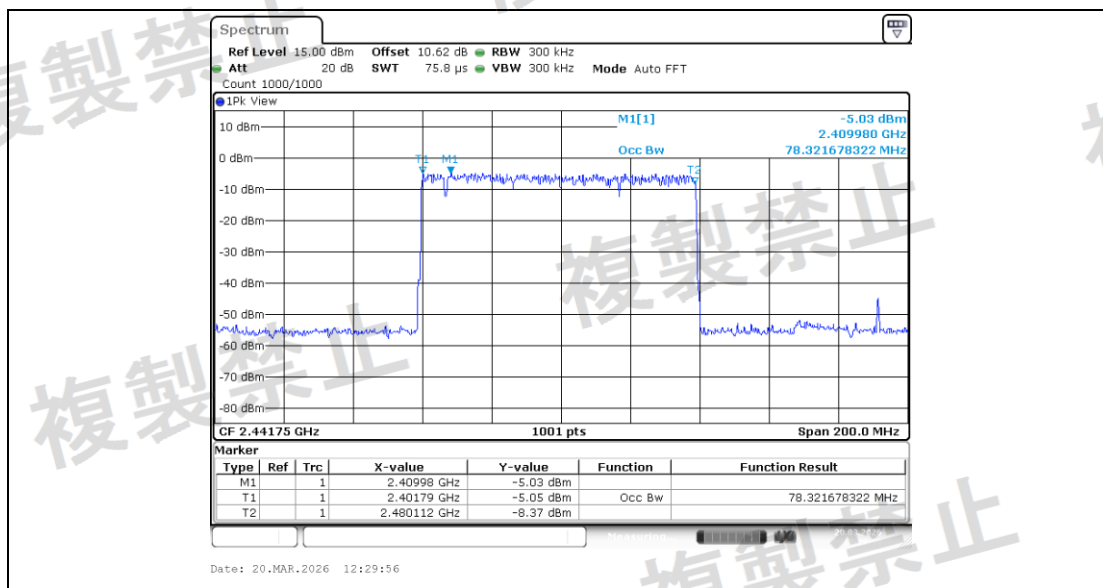
Appendix B: Occupied Bandwidth

Test Result

Test Condition	Test Mode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	DH5	Ant1	Hop	78.322	≤83.5	PASS
	2DH5	Ant1	Hop	78.322	≤83.5	PASS
	3DH5	Ant1	Hop	78.322	≤83.5	PASS

Test Graphs



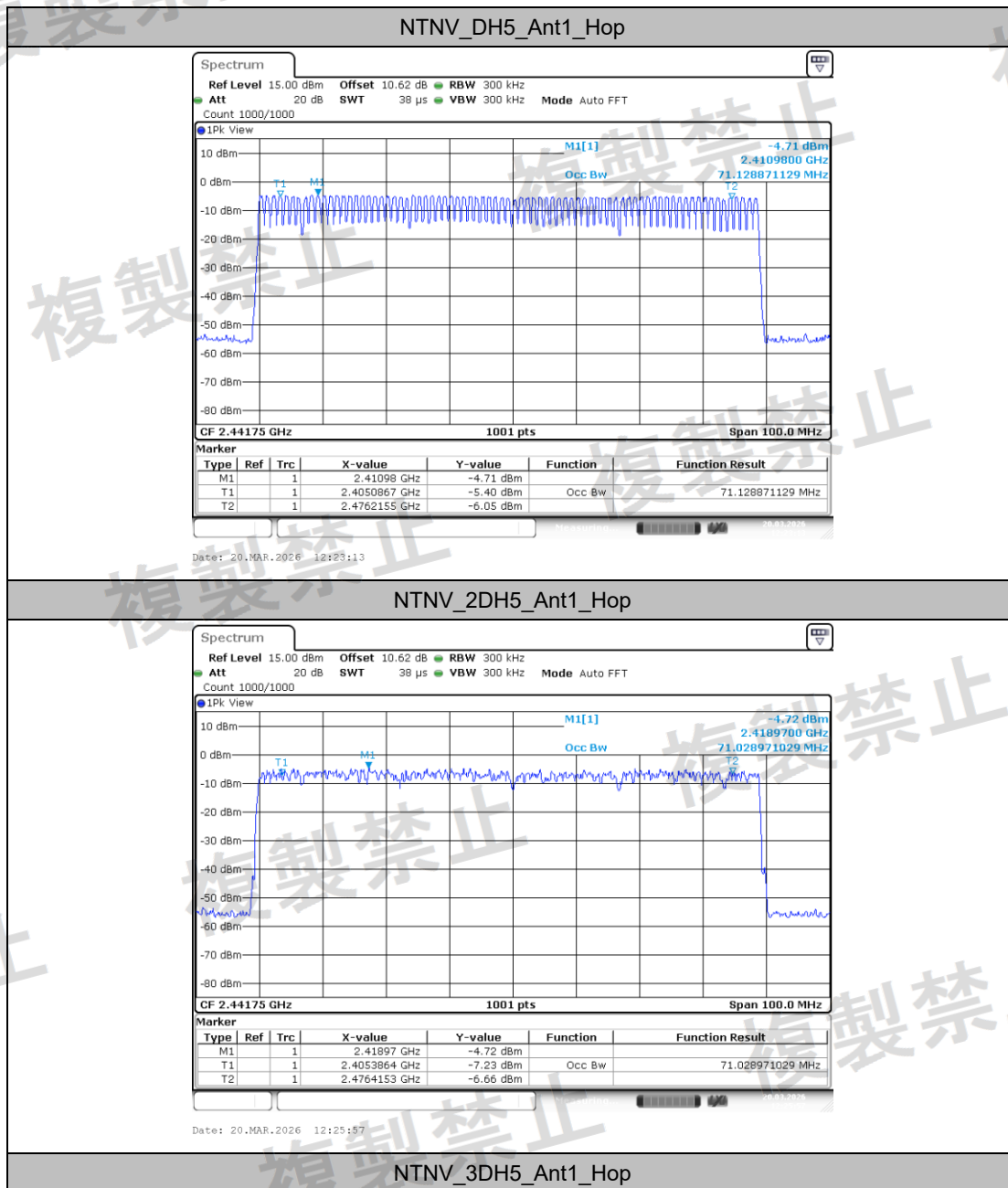


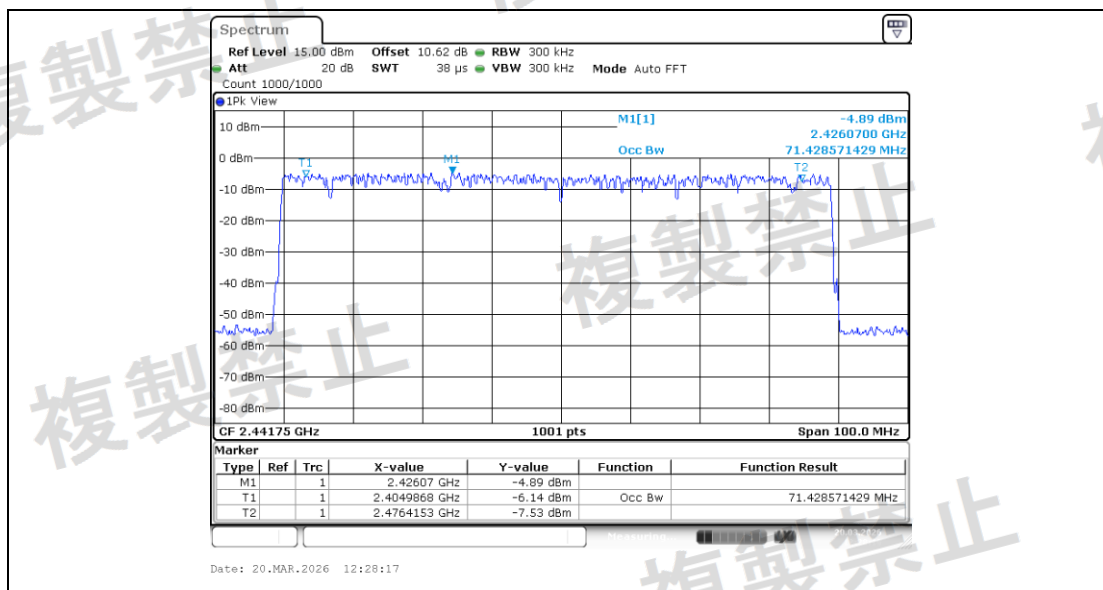
Appendix C: Spread Bandwidth

Test Result

Test Condition	Test Mode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Spread Factor	Limit	Verdict
NTNV	DH5	Ant1	Hop	71.129	≥ 0.5	71.129	>5	PASS
	2DH5	Ant1	Hop	71.029	≥ 0.5	71.029	>5	PASS
	3DH5	Ant1	Hop	71.429	≥ 0.5	71.429	>5	PASS

Test Graphs





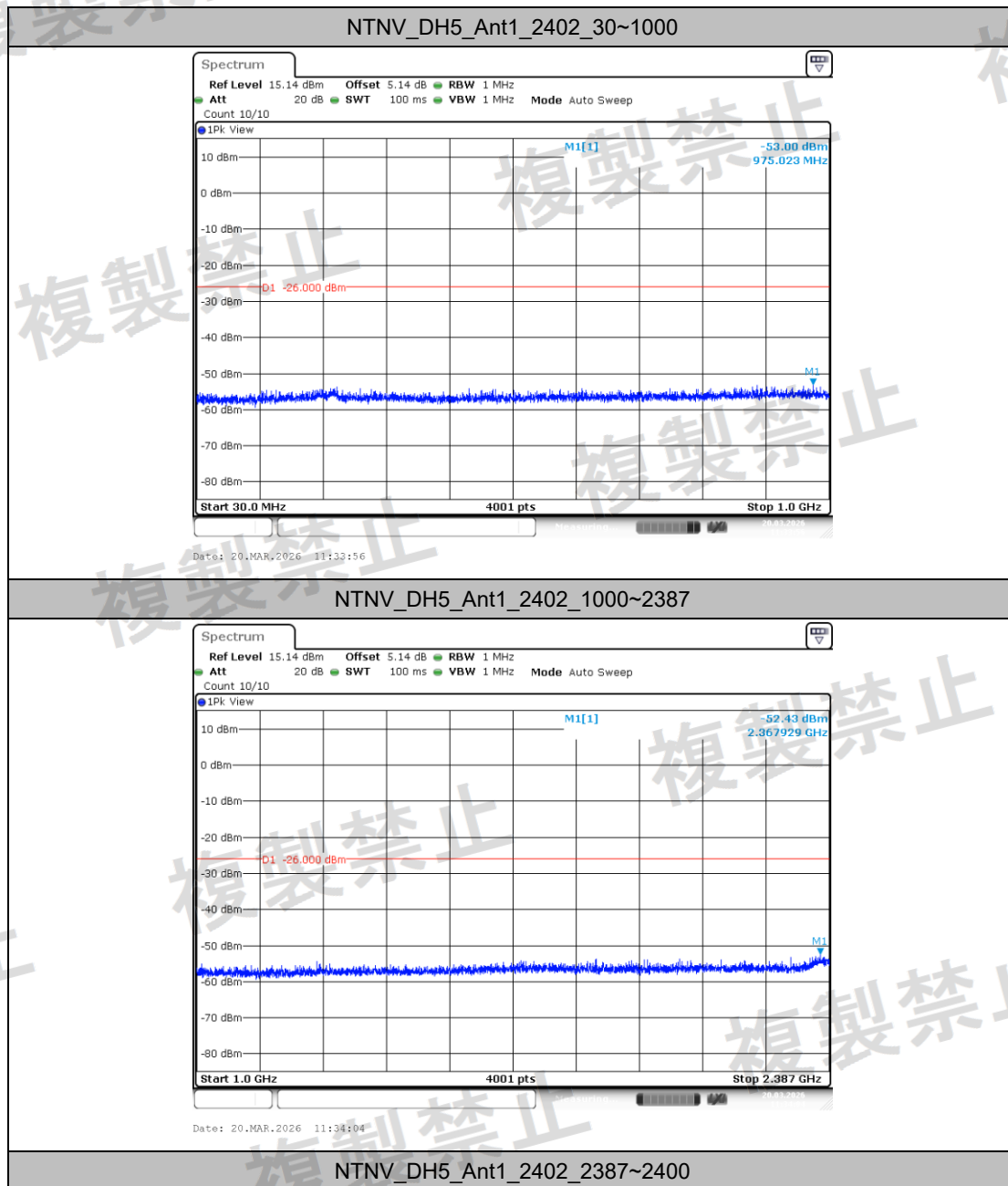
Appendix D: Spurious Emission of TX

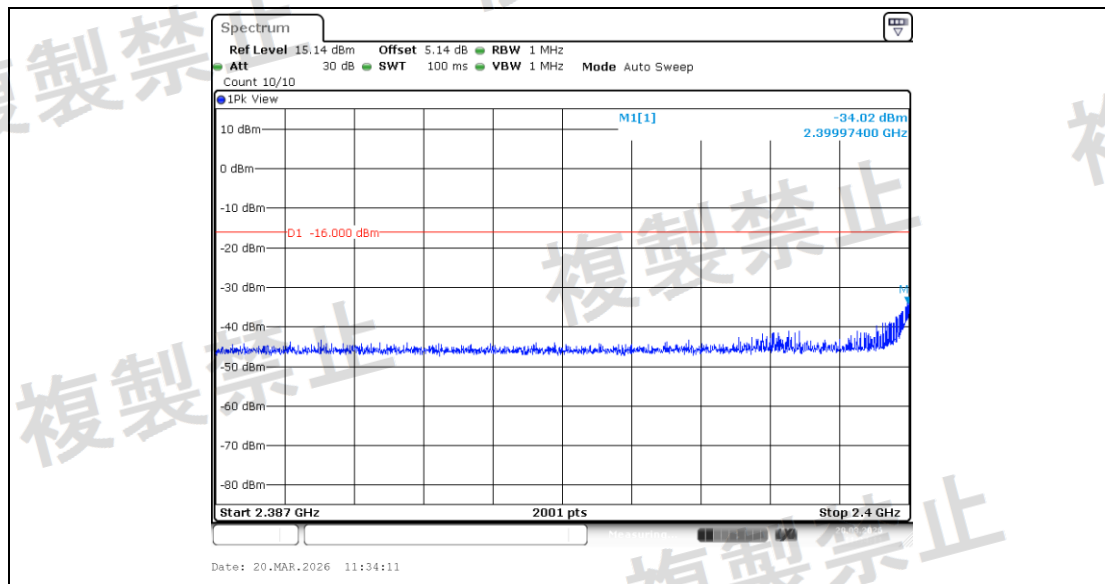
Test Result

Test Condition	Test Mode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	DH5	Ant1	2402	30~1000	975.02	-53.00	≤-26	0.00501	≤2.5	PASS
				1000~2387	2367.93	-52.43	≤-26	0.00571	≤2.5	PASS
				2387~2400	2399.97	-34.02	≤-16	0.39628	≤25	PASS
				2483.5~2496.5	2483.88	-43.15	≤-16	0.04842	≤25	PASS
				2496.5~13000	4804.12	-41.85	≤-26	0.06531	≤2.5	PASS
			2441	30~1000	960.96	-53.29	≤-26	0.00469	≤2.5	PASS
				1000~2387	2382.15	-52.41	≤-26	0.00574	≤2.5	PASS
				2387~2400	2391.17	-43.46	≤-16	0.04508	≤25	PASS
				2483.5~2496.5	2495.36	-43.09	≤-16	0.04909	≤25	PASS
				2496.5~13000	4881.84	-41.76	≤-26	0.06668	≤2.5	PASS
			2480	30~1000	240.25	-53.12	≤-26	0.00488	≤2.5	PASS
				1000~2387	1805.15	-53.17	≤-26	0.00482	≤2.5	PASS
				2387~2400	2399.65	-43.41	≤-16	0.04560	≤25	PASS
				2483.5~2496.5	2484.46	-40.69	≤-16	0.08531	≤25	PASS
				2496.5~13000	4960.10	-41.24	≤-26	0.07516	≤2.5	PASS
	2DH5	Ant1	2402	30~1000	238.79	-53.23	≤-26	0.00475	≤2.5	PASS
				1000~2387	2381.80	-52.90	≤-26	0.00513	≤2.5	PASS
				2387~2400	2400.00	-30.66	≤-16	0.85901	≤25	PASS
				2483.5~2496.5	2492.16	-43.59	≤-16	0.04375	≤25	PASS
				2496.5~13000	4804.12	-45.18	≤-26	0.03034	≤2.5	PASS
			2441	30~1000	228.85	-53.19	≤-26	0.00480	≤2.5	PASS
				1000~2387	1766.32	-53.35	≤-26	0.00462	≤2.5	PASS
				2387~2400	2393.75	-42.50	≤-16	0.05623	≤25	PASS
				2483.5~2496.5	2485.73	-43.41	≤-16	0.04560	≤25	PASS
				2496.5~13000	4881.32	-43.11	≤-26	0.04887	≤2.5	PASS
			2480	30~1000	792.66	-53.46	≤-26	0.00451	≤2.5	PASS
				1000~2387	1647.38	-53.72	≤-26	0.00425	≤2.5	PASS
				2387~2400	2398.01	-43.69	≤-16	0.04276	≤25	PASS
				2483.5~2496.5	2485.81	-42.86	≤-16	0.05176	≤25	PASS
				2496.5~13000	4960.10	-43.38	≤-26	0.04592	≤2.5	PASS
	3DH5	Ant1	2402	30~1000	218.18	-52.96	≤-26	0.00506	≤2.5	PASS
				1000~2387	2005.92	-52.61	≤-26	0.00548	≤2.5	PASS
				2387~2400	2400.00	-30.62	≤-16	0.86696	≤25	PASS
				2483.5~2496.5	2494.84	-42.98	≤-16	0.05035	≤25	PASS
				2496.5~13000	4803.59	-43.81	≤-26	0.04159	≤2.5	PASS
			2441	30~1000	957.81	-53.00	≤-26	0.00501	≤2.5	PASS
				1000~2387	2103.01	-53.60	≤-26	0.00437	≤2.5	PASS

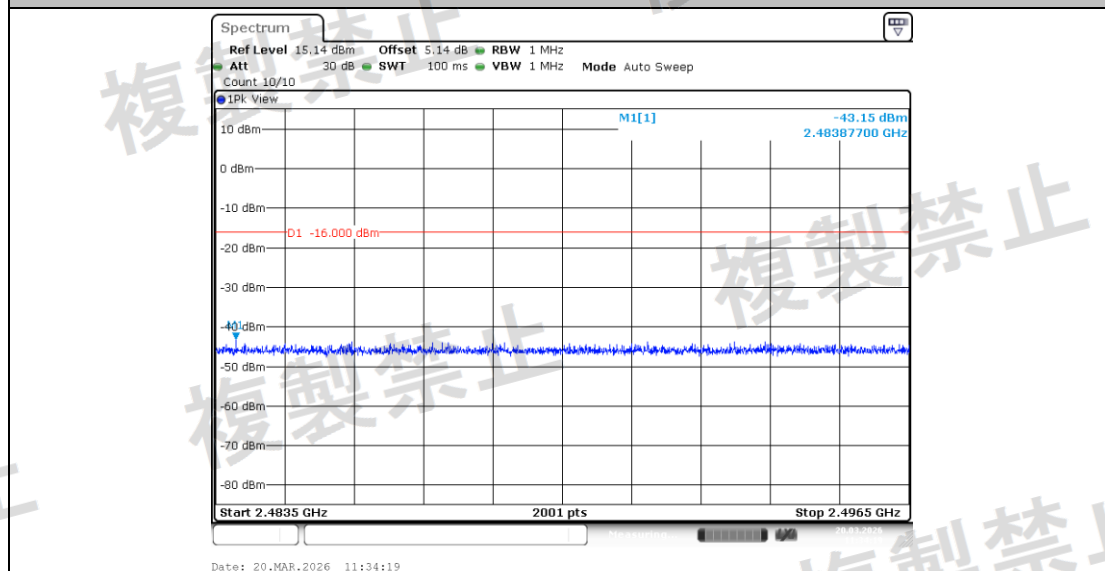
				2387~2400	2391.86	-43.16	≤-16	0.04831	≤25	PASS
				2483.5~2496.5	2495.46	-43.64	≤-16	0.04325	≤25	PASS
				2496.5~13000	4882.37	-44.78	≤-26	0.03327	≤2.5	PASS
			2480	30~1000	782.96	-53.15	≤-26	0.00484	≤2.5	PASS
				1000~2387	2081.86	-53.60	≤-26	0.00437	≤2.5	PASS
				2387~2400	2389.57	-43.52	≤-16	0.04446	≤25	PASS
				2483.5~2496.5	2484.28	-42.66	≤-16	0.05420	≤25	PASS
				2496.5~13000	4959.57	-43.41	≤-26	0.04560	≤2.5	PASS

Test Graphs

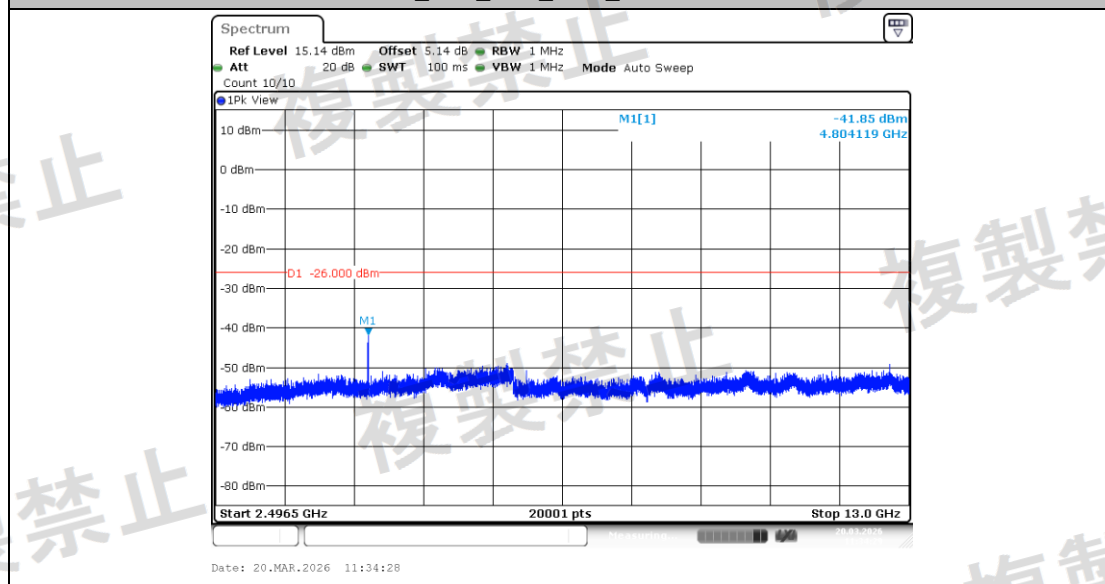


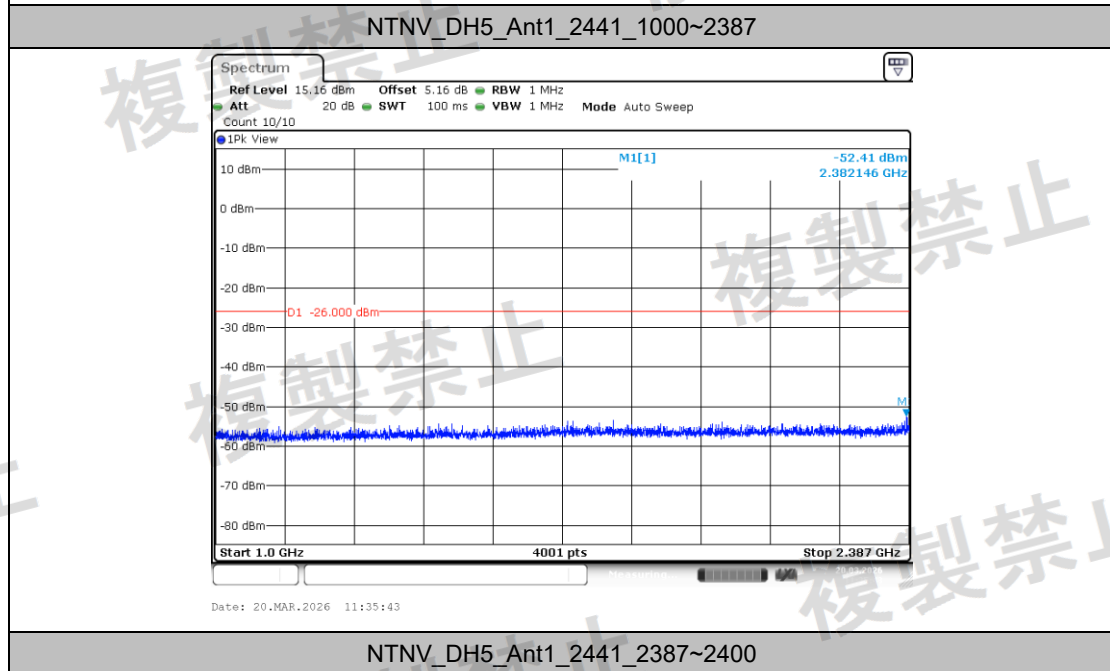
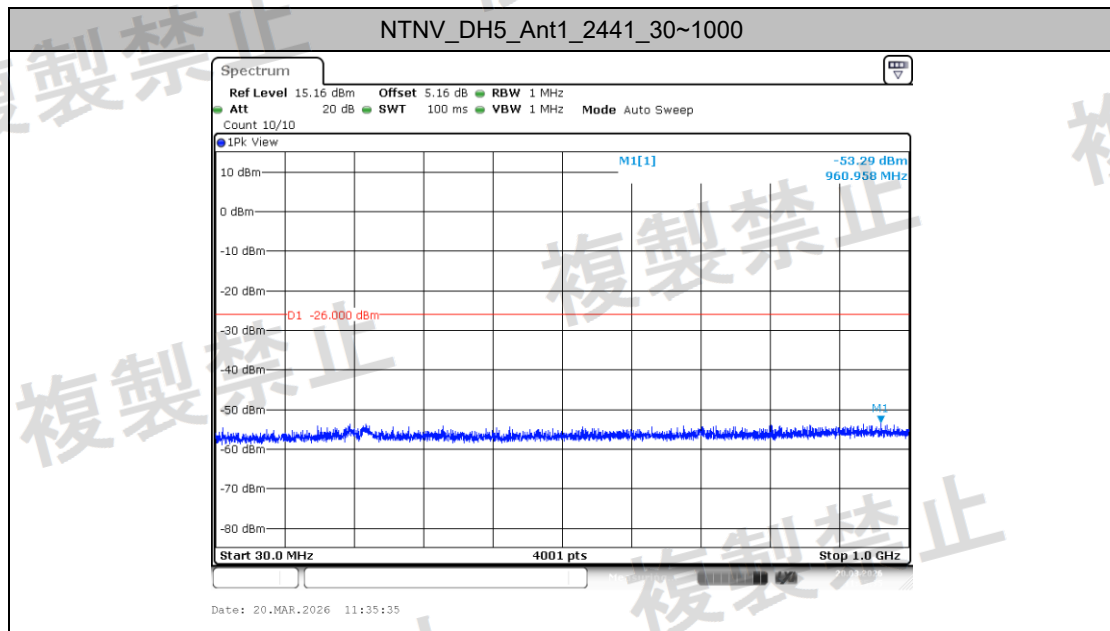


NTNV_DH5_Ant1_2402_2483.5~2496.5

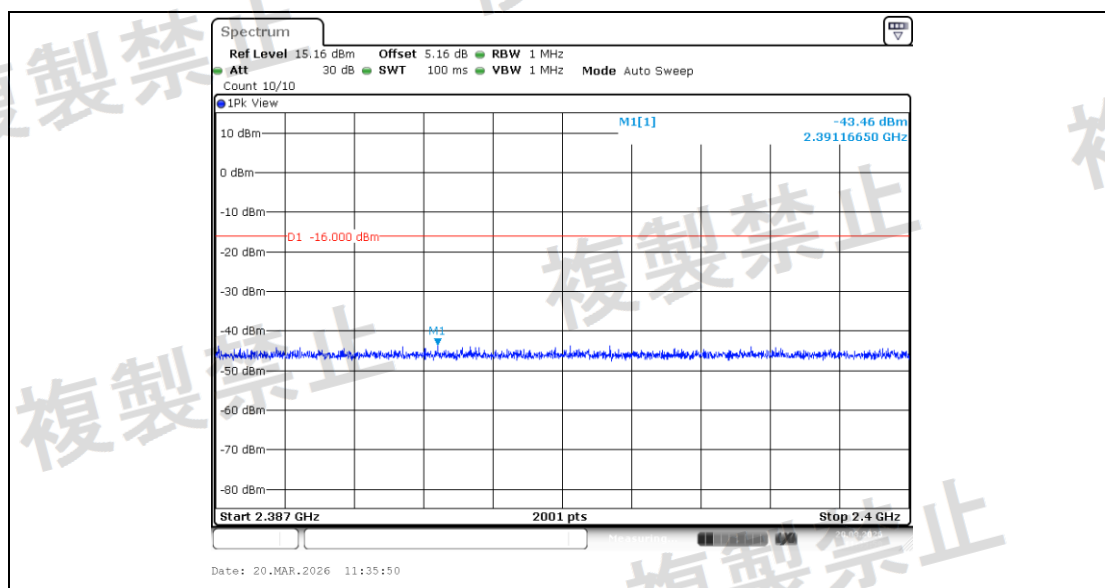


NTNV_DH5_Ant1_2402_2496.5~13000

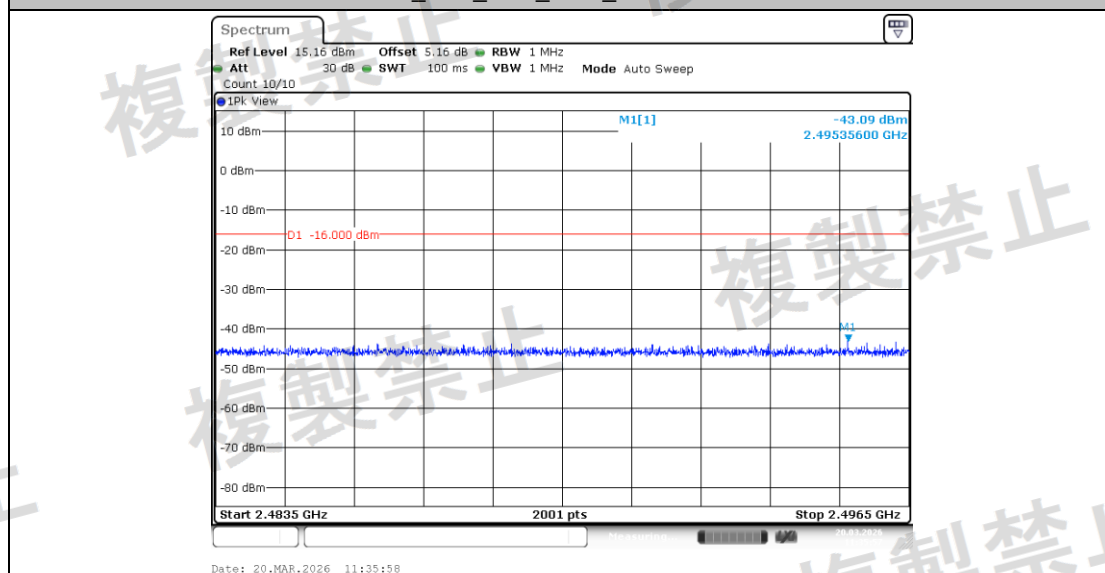




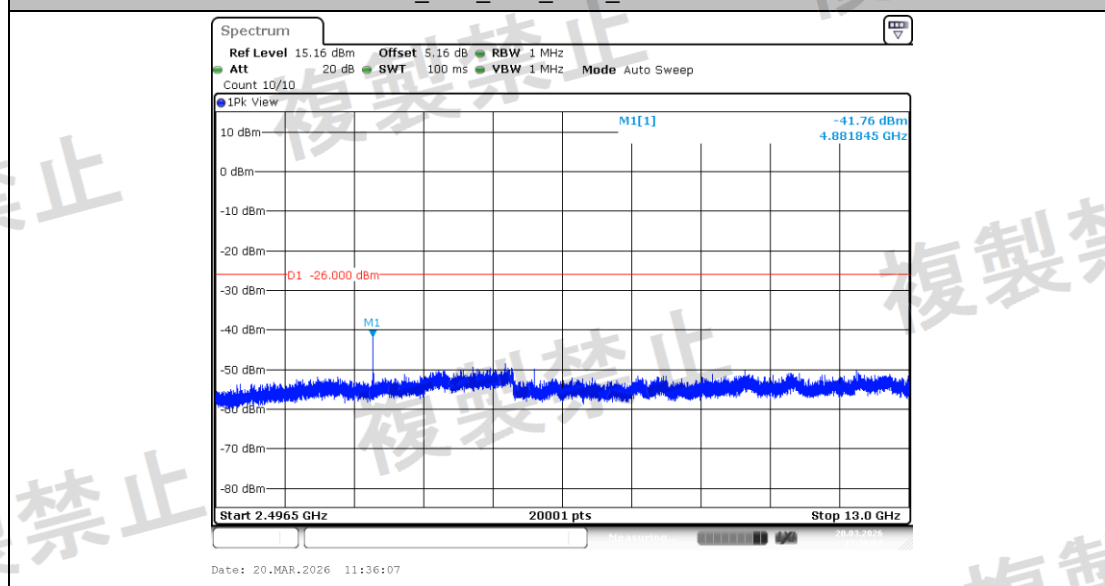
NTNV_DH5_Ant1_2441_2387~2400

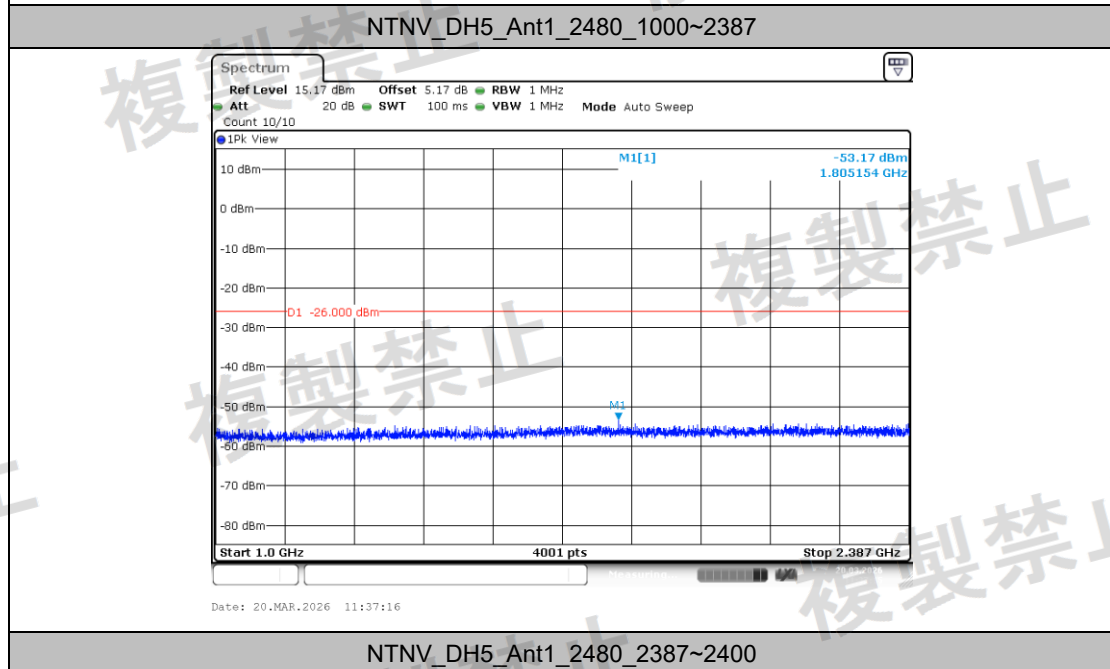
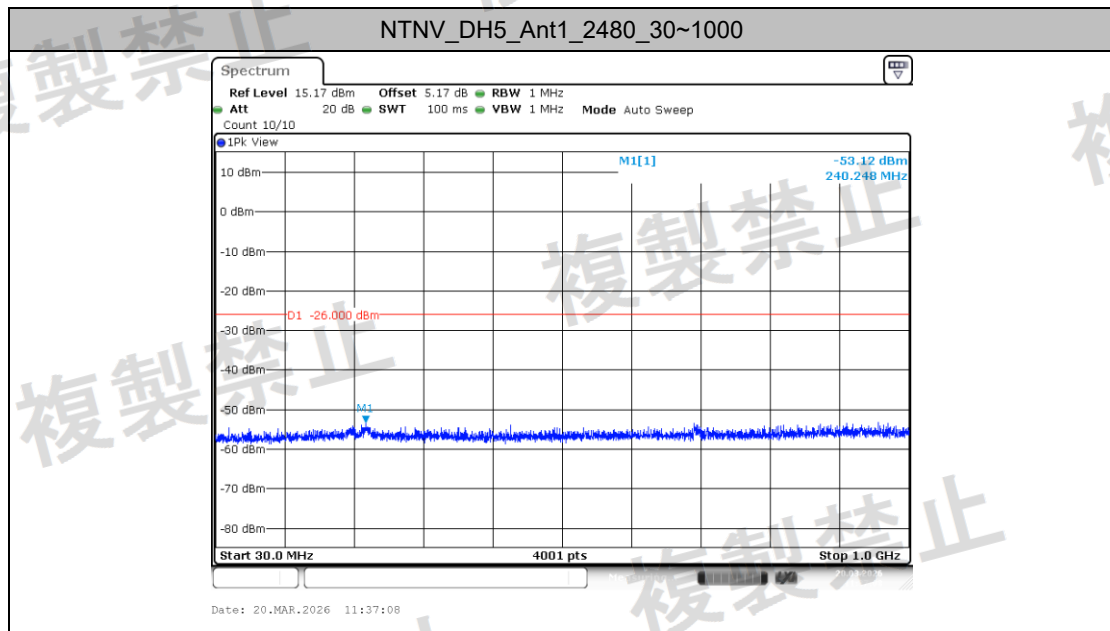


NTNV_DH5_Ant1_2441_2483.5~2496.5

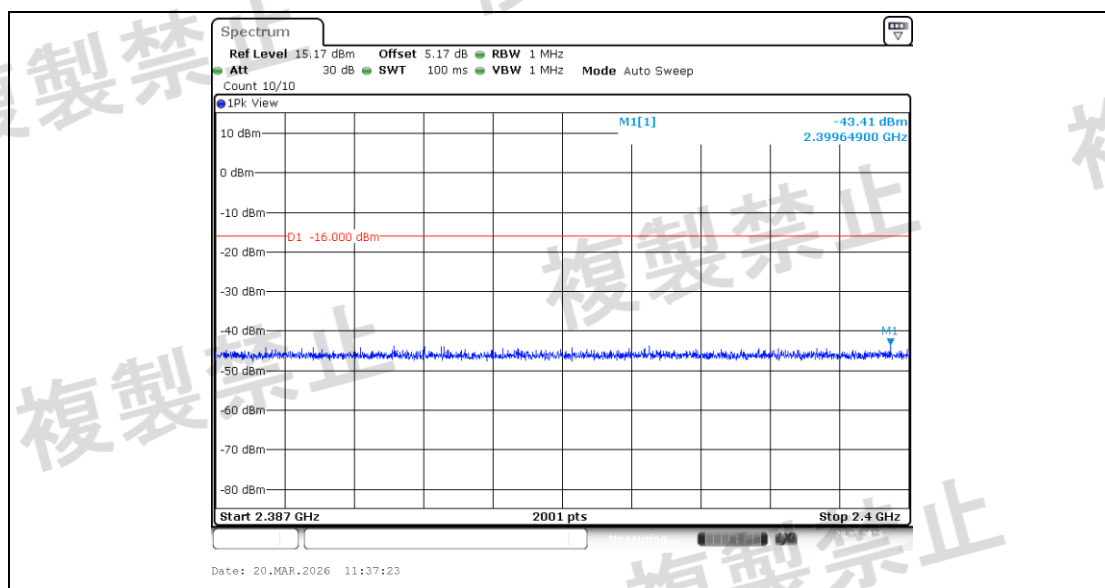


NTNV_DH5_Ant1_2441_2496.5~13000

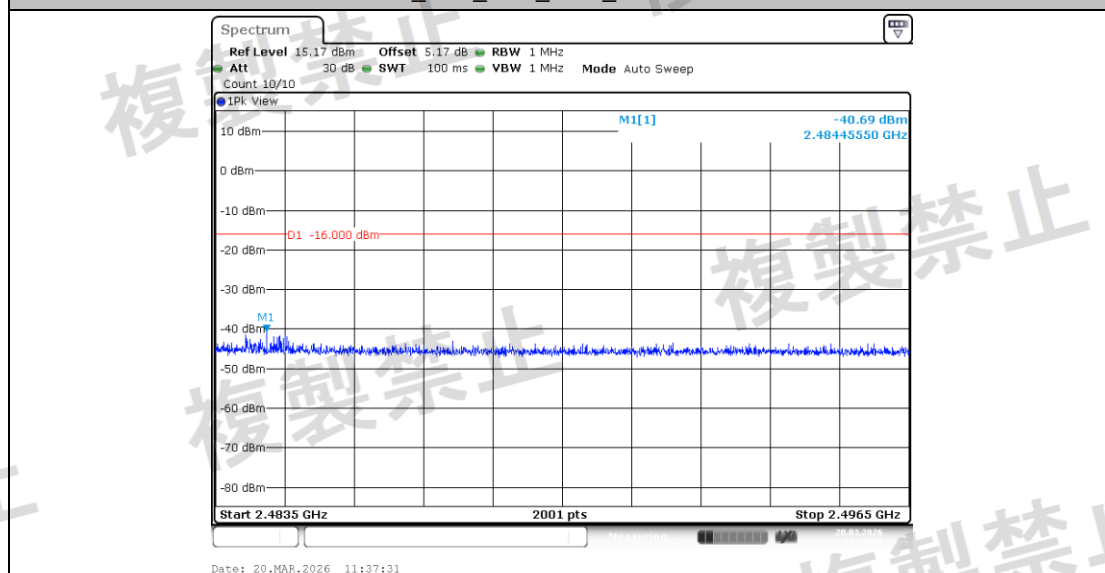




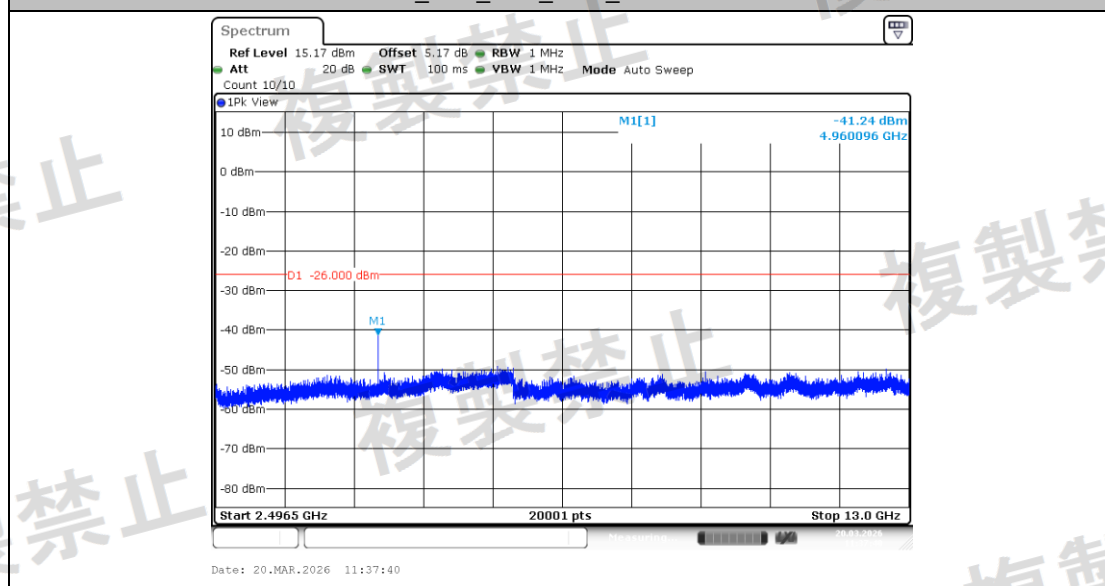
NTNV_DH5_Ant1_2480_2387~2400

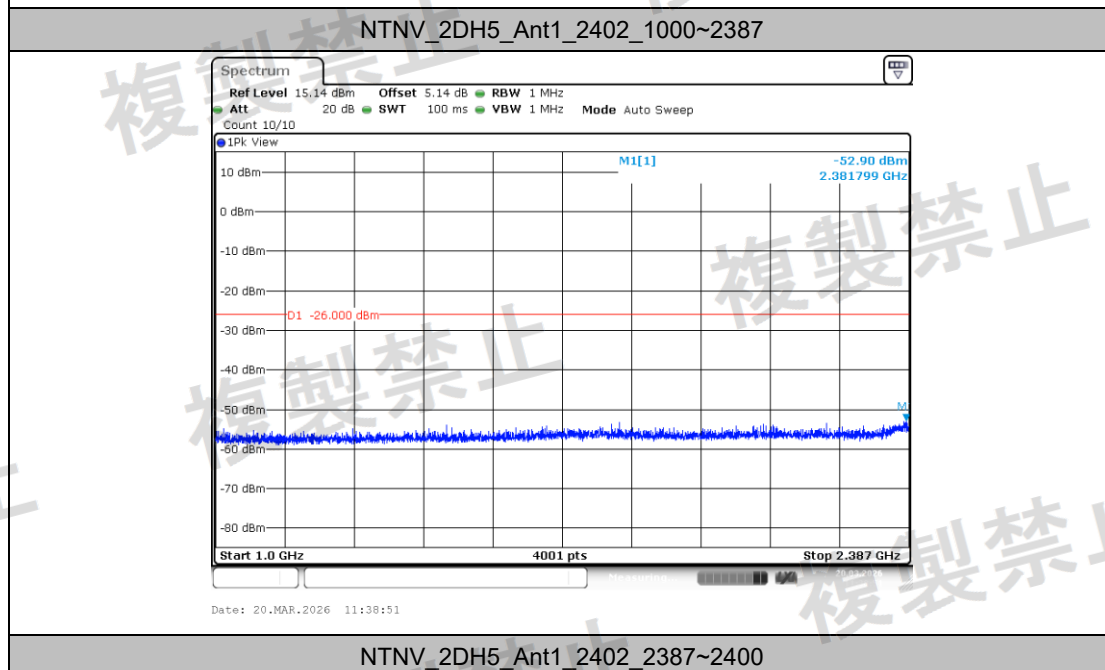
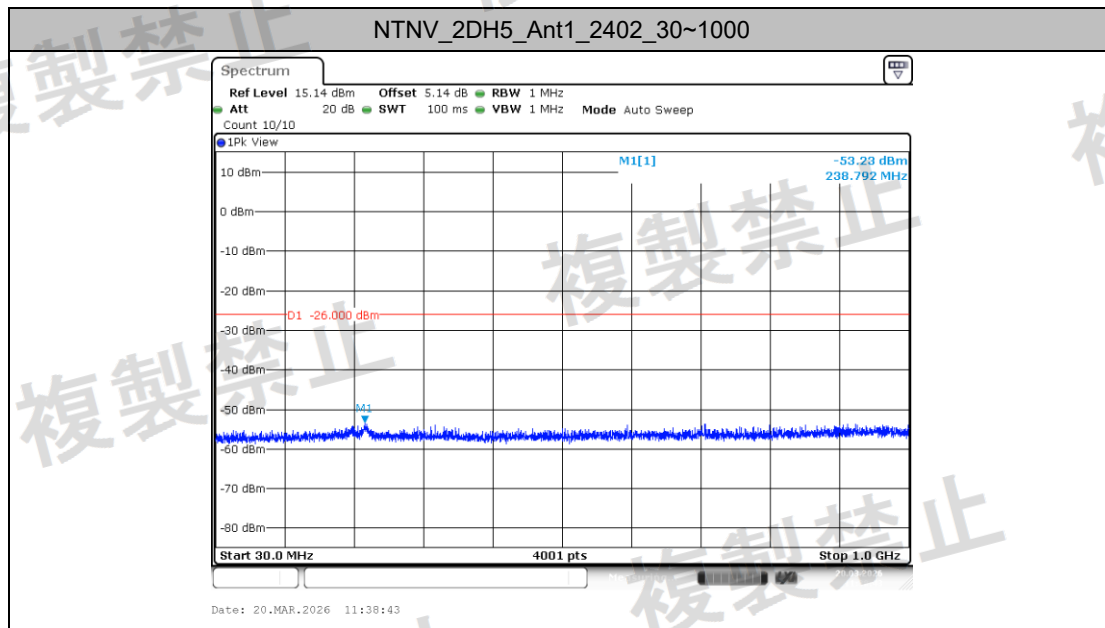


NTNV_DH5_Ant1_2480_2483.5~2496.5

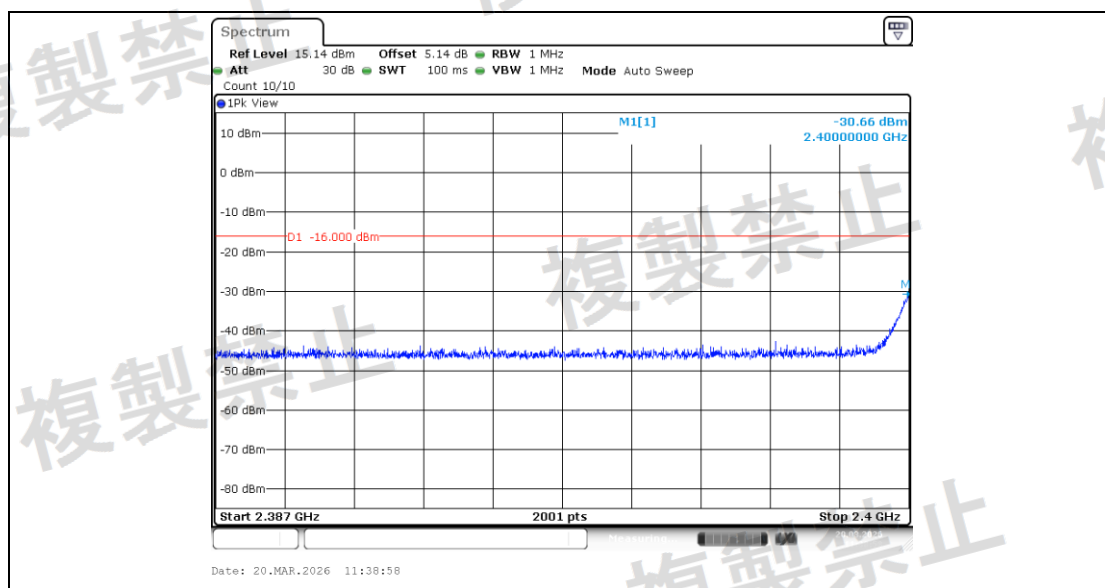


NTNV_DH5_Ant1_2480_2496.5~13000

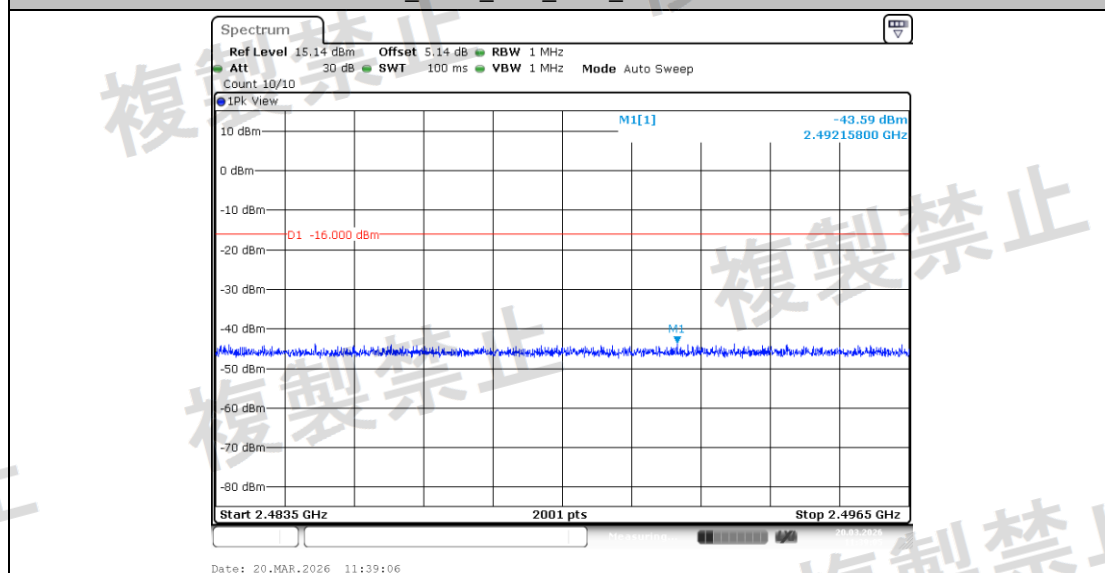




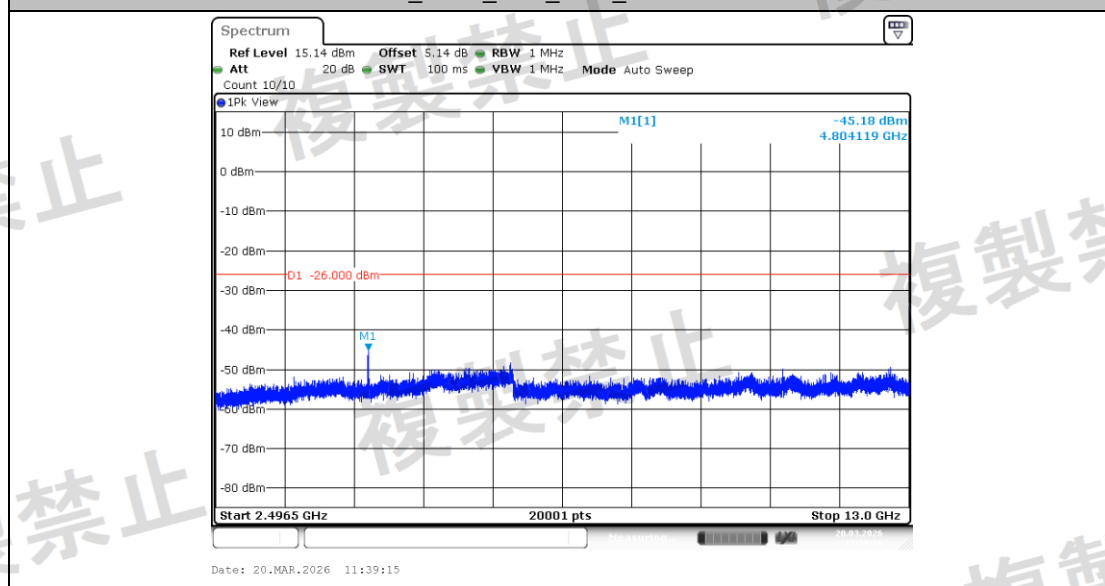
NTNV_2DH5_Ant1_2402_2387~2400

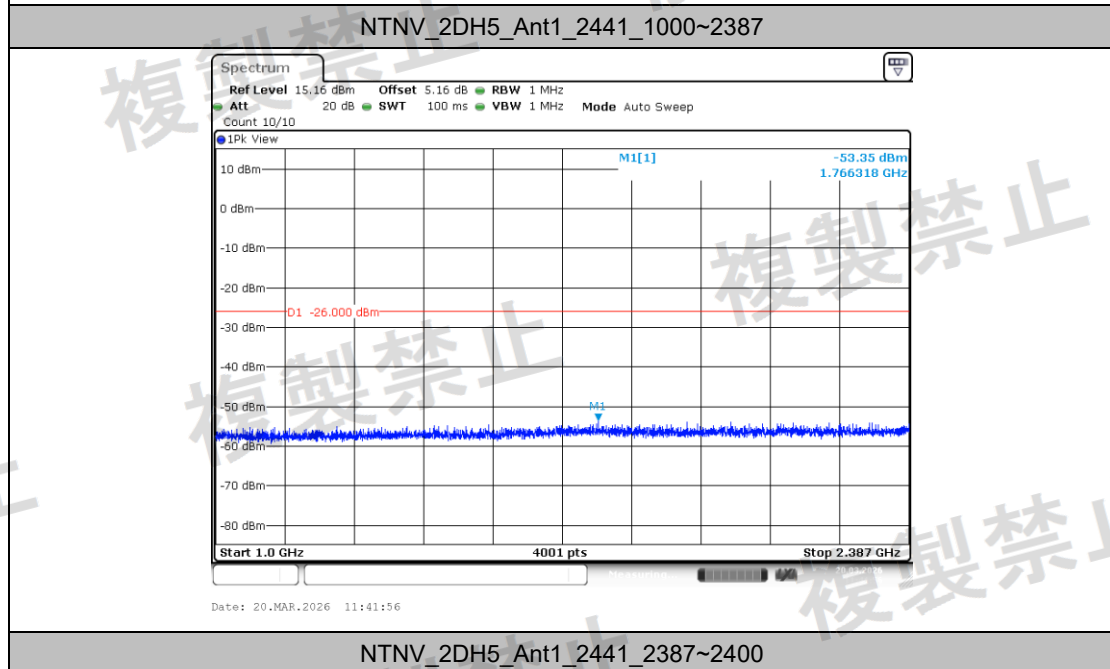
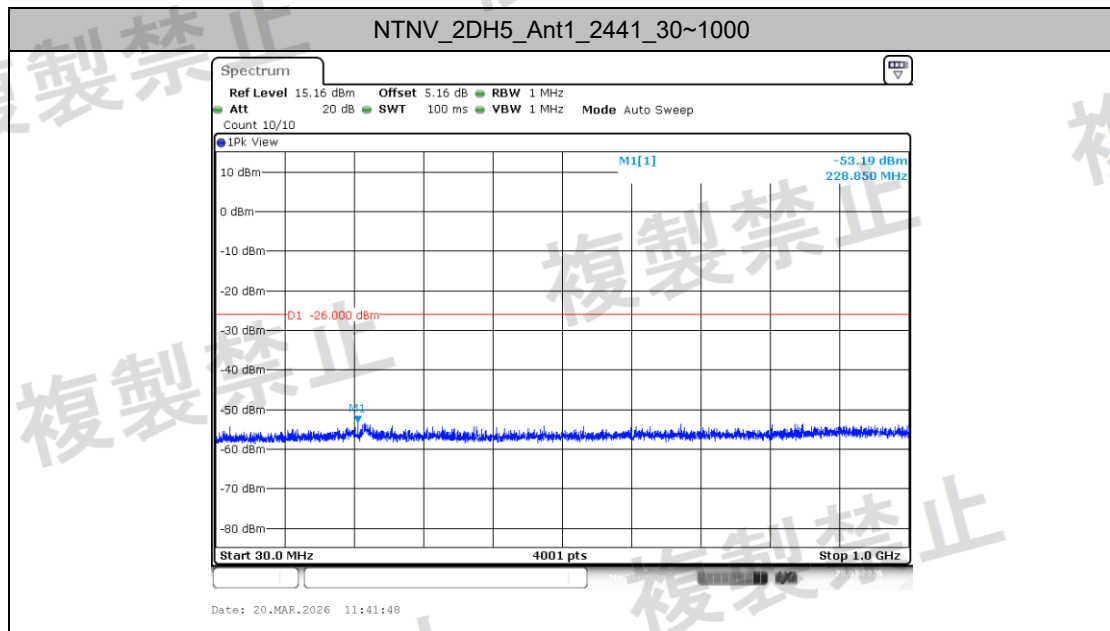


NTVN_2DH5_Ant1_2402_2483.5~2496.5

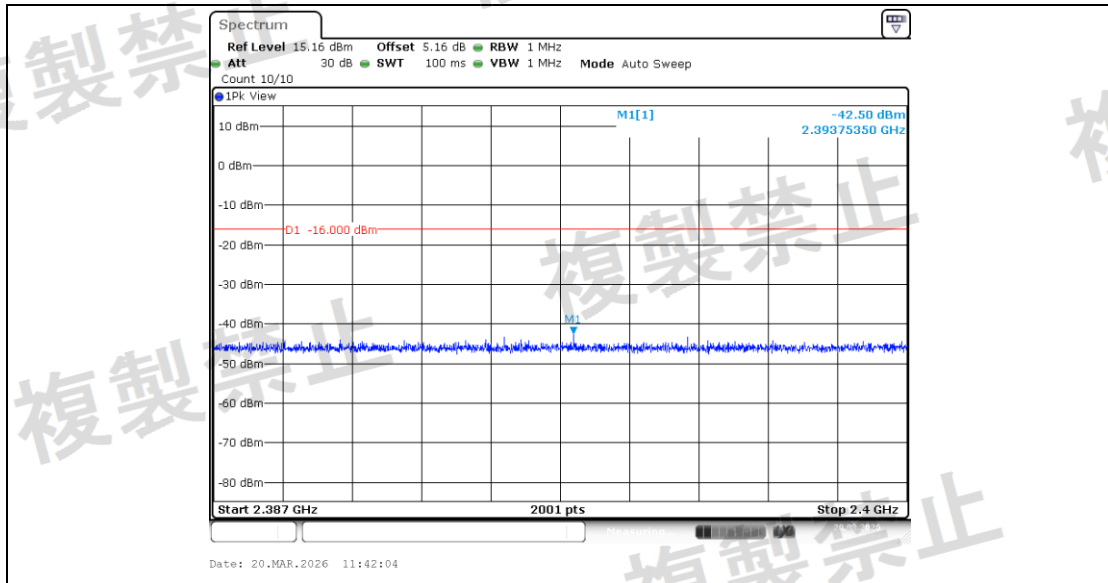


NTVN_2DH5_Ant1_2402_2496.5~13000

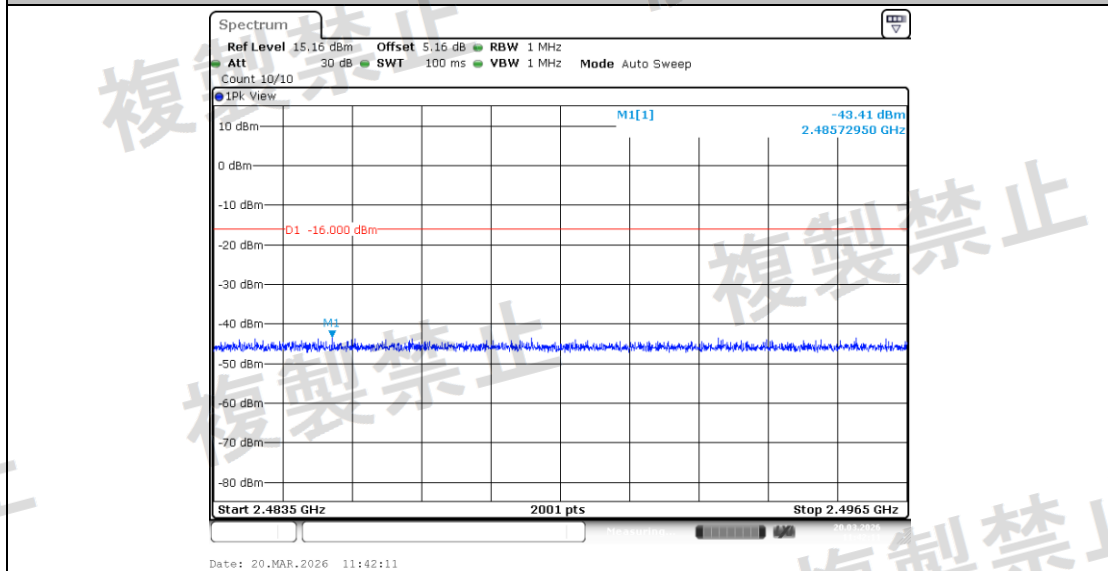




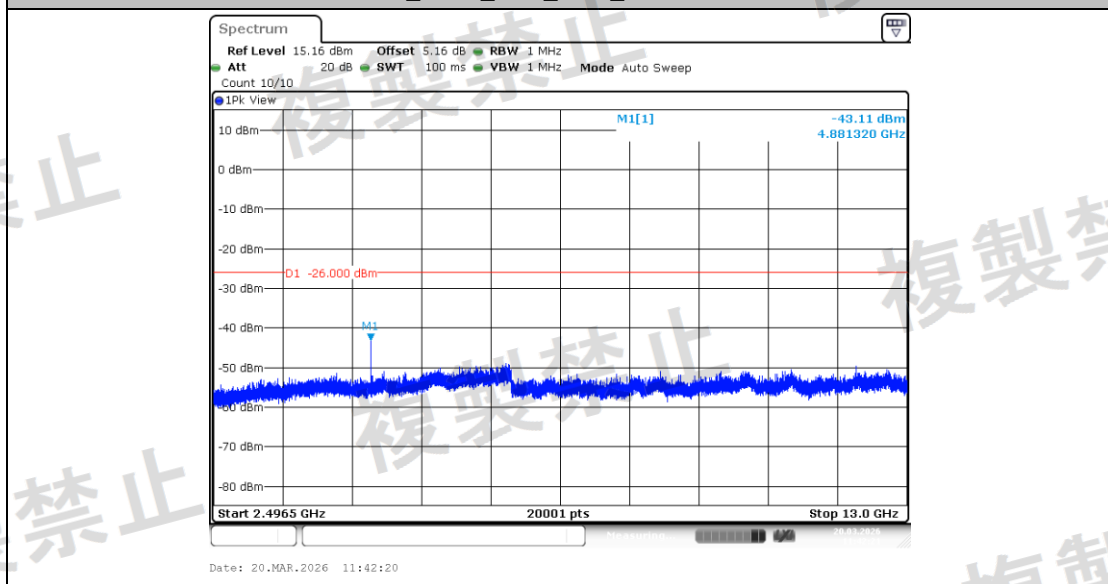
NTNV_2DH5_Ant1_2441_2387~2400

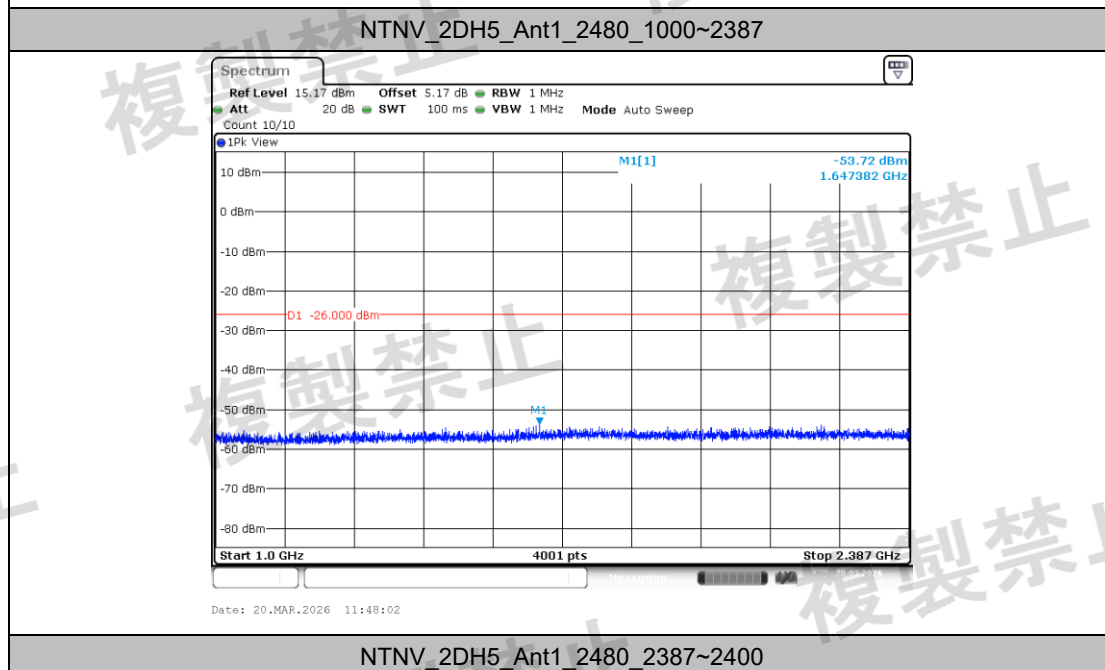
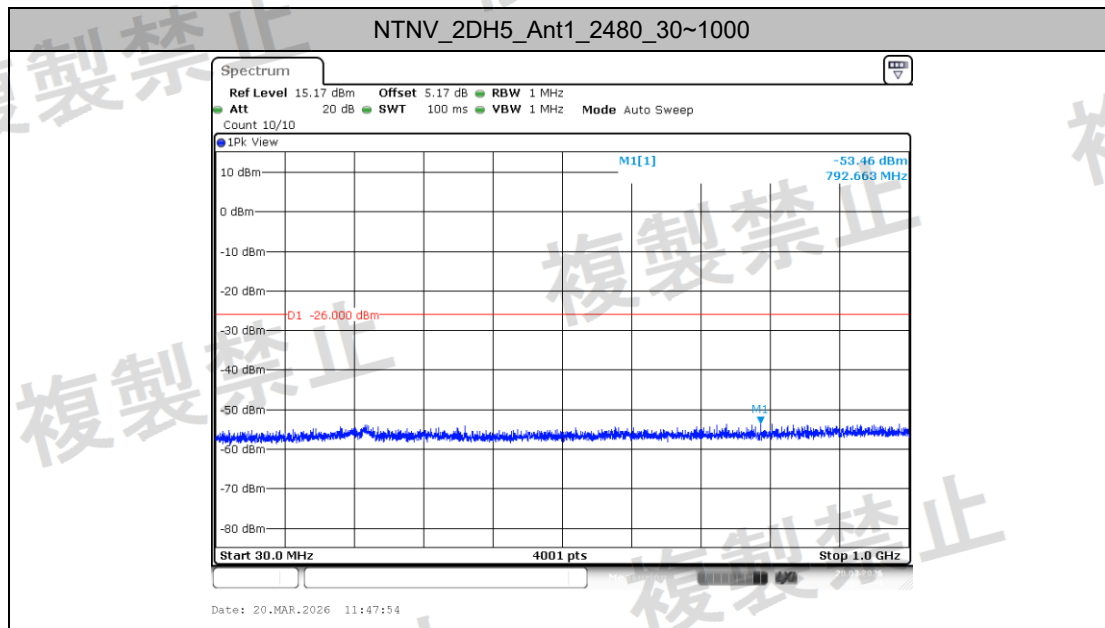


NTNV_2DH5_Ant1_2441_2483.5~2496.5

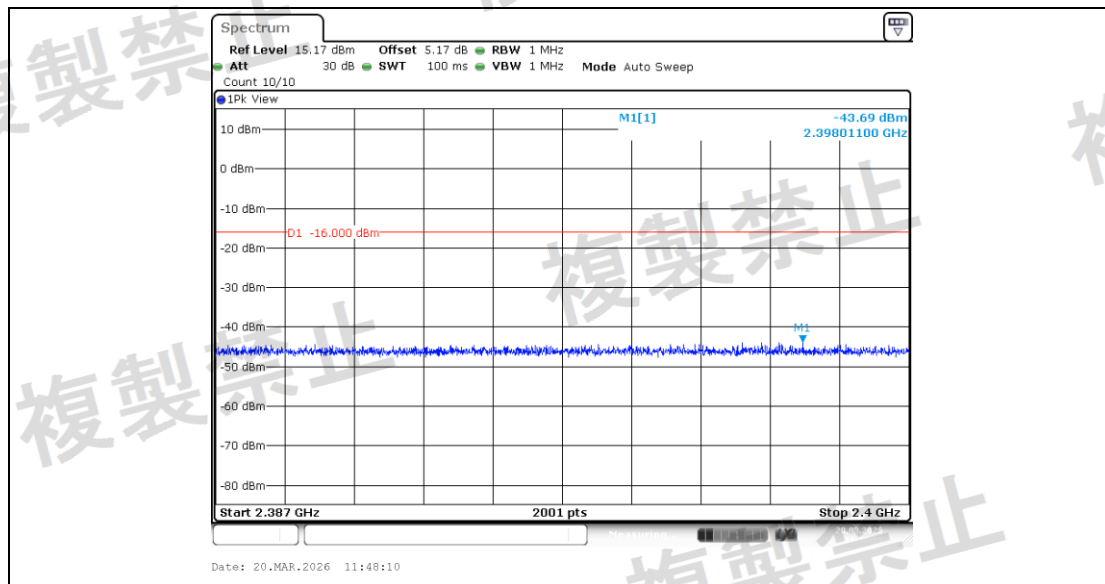


NTNV_2DH5_Ant1_2441_2496.5~13000

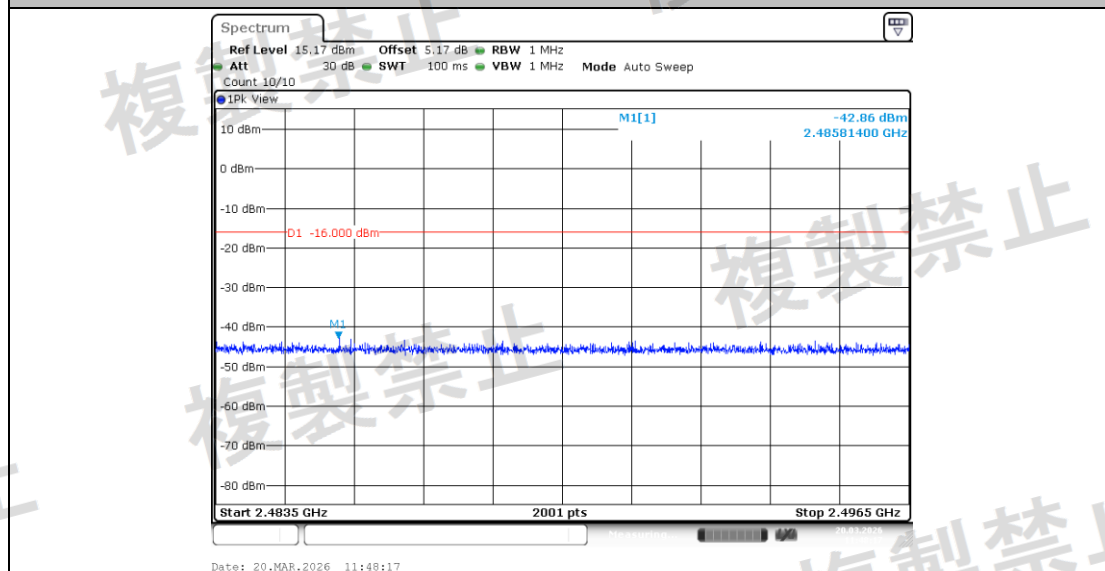




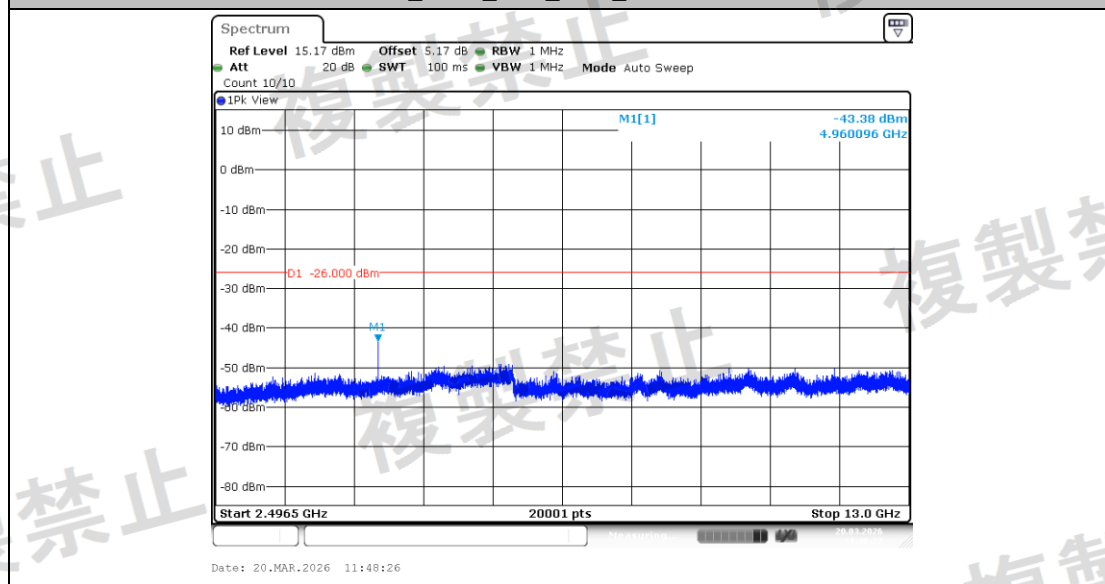
NTNV_2DH5_Ant1_2480_2387~2400

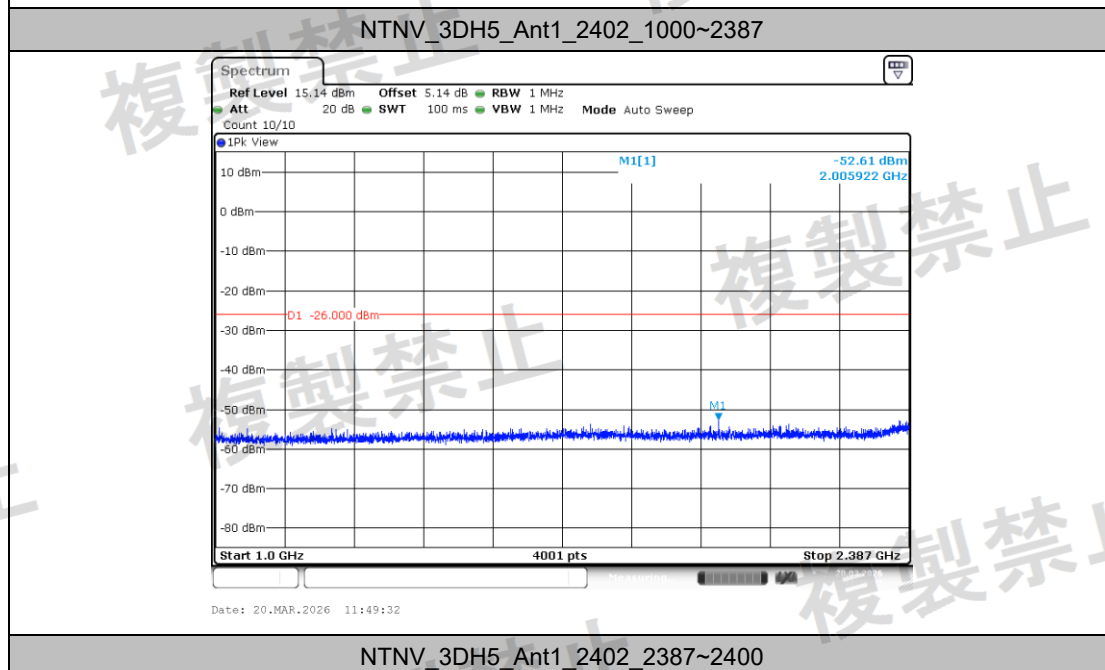
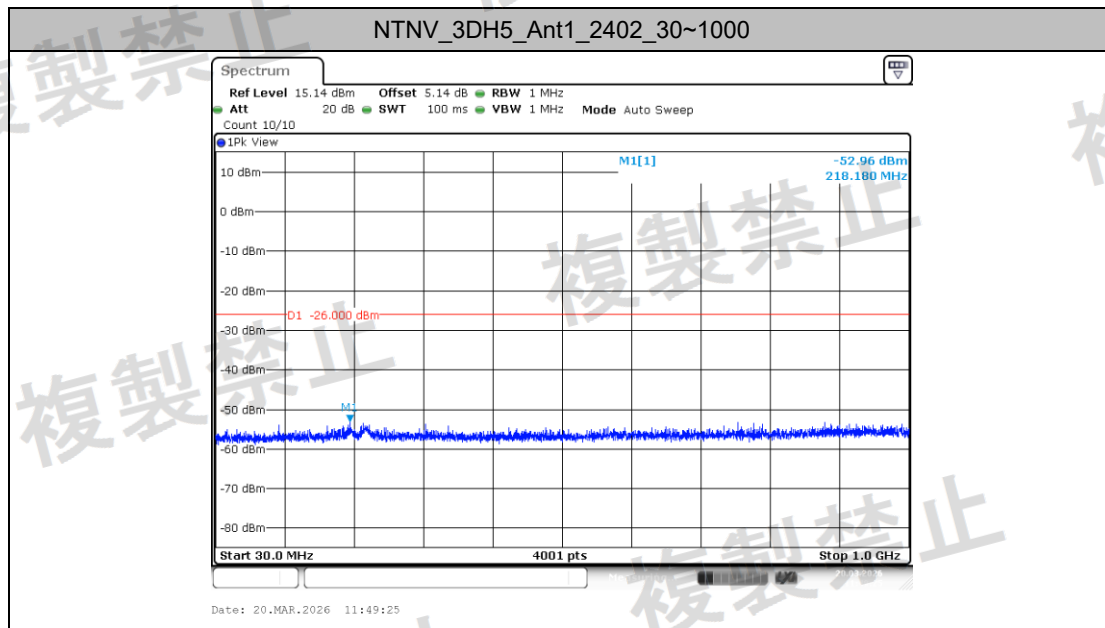


NTVN_2DH5_Ant1_2480_2483.5~2496.5

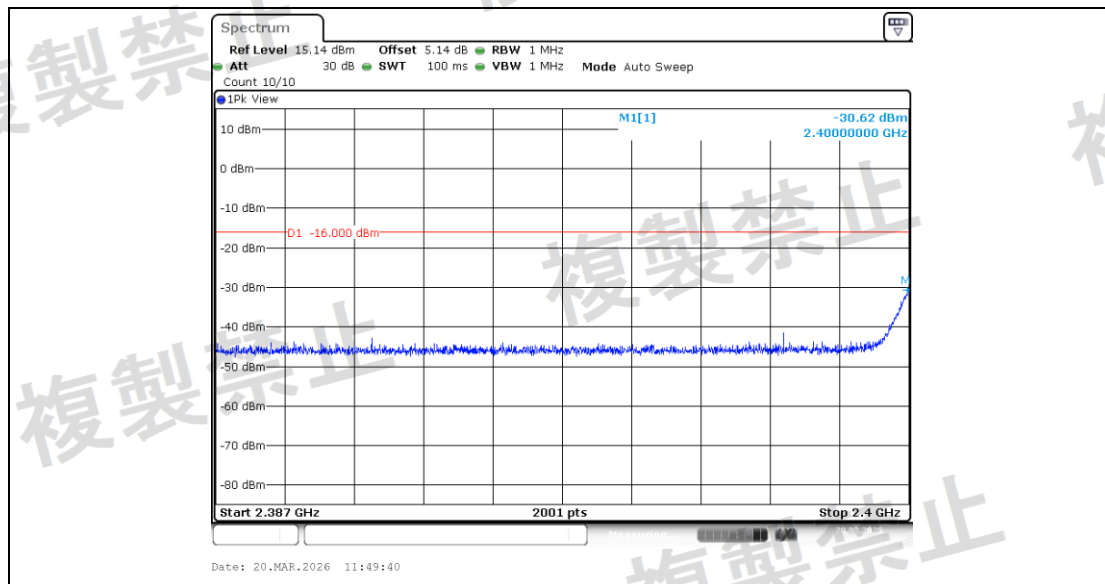


NTVN_2DH5_Ant1_2480_2496.5~13000

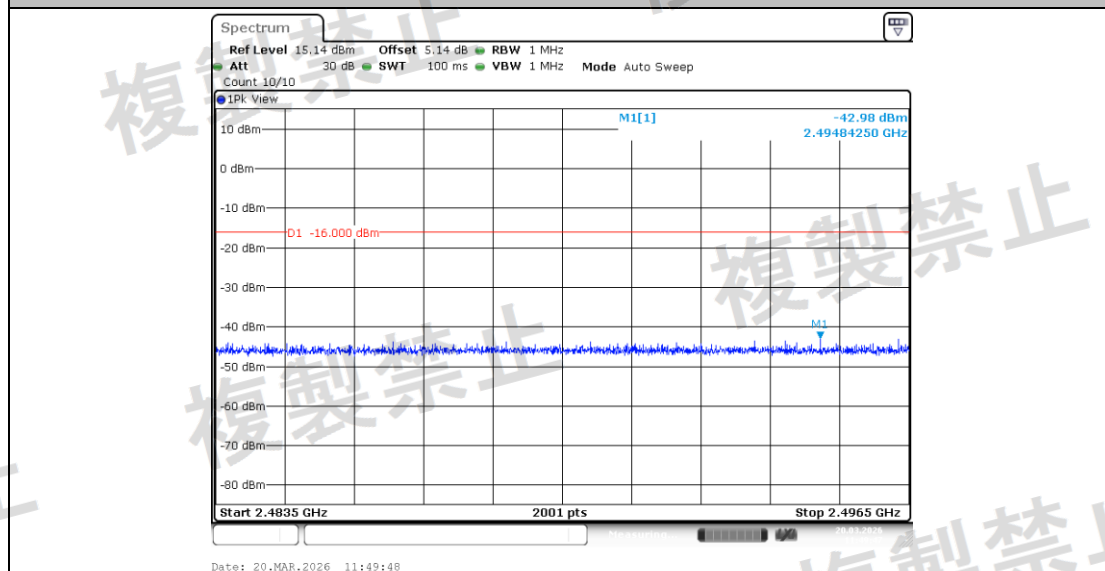




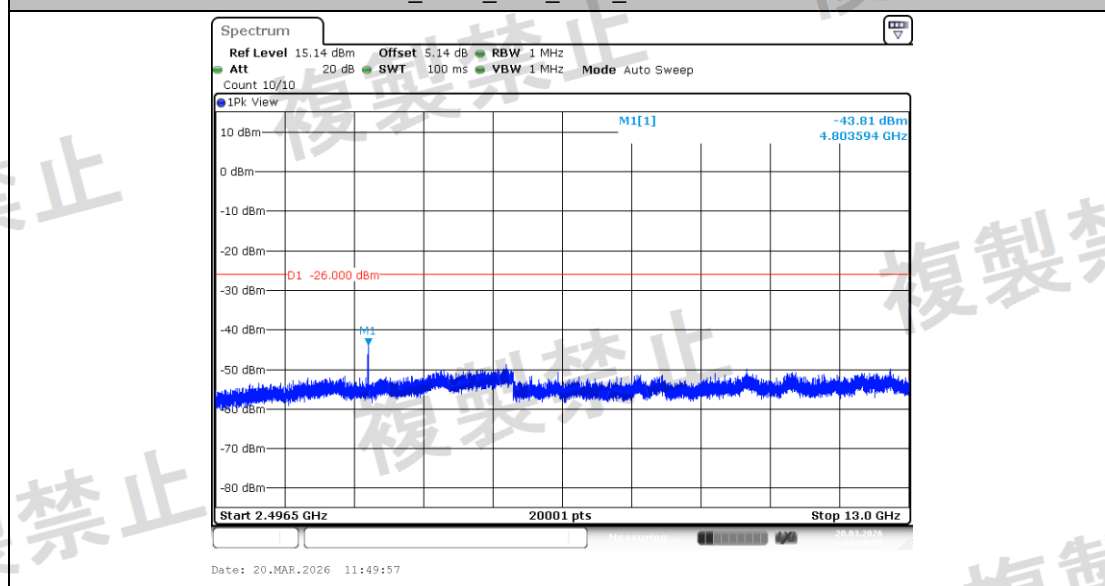
NTNV_3DH5_Ant1_2402_2387~2400

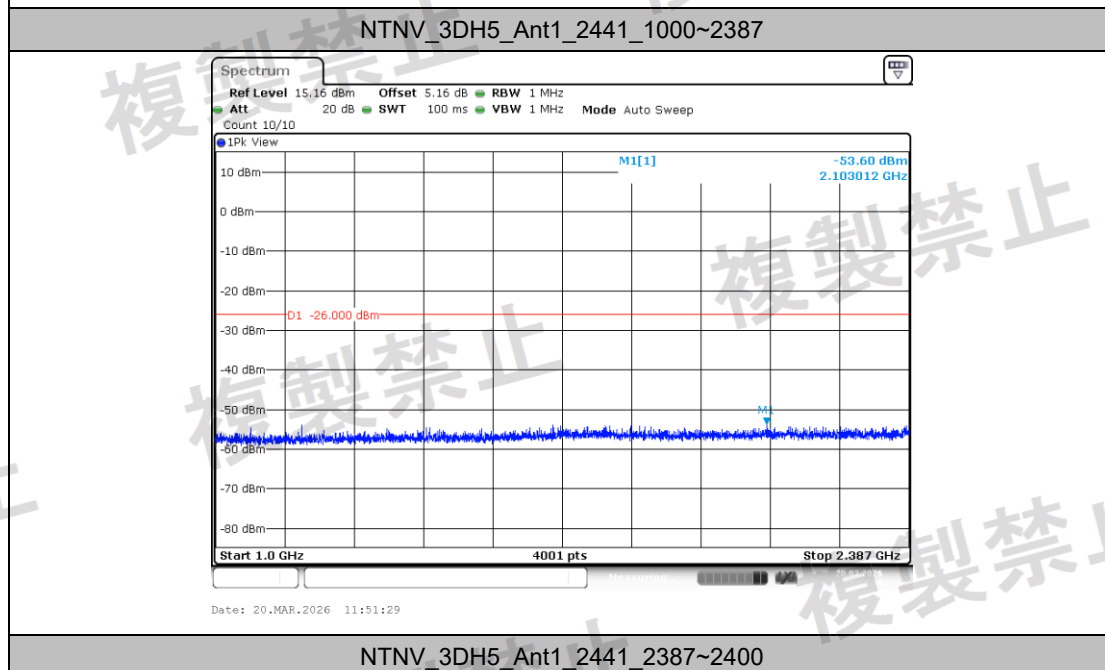
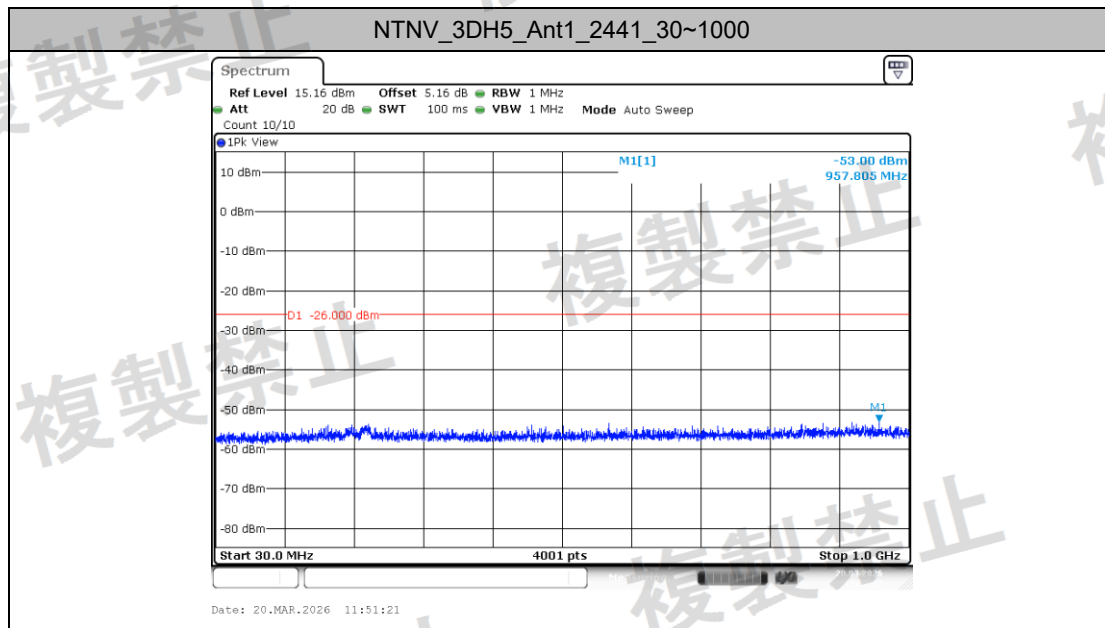


NTNV_3DH5_Ant1_2402_2483.5~2496.5

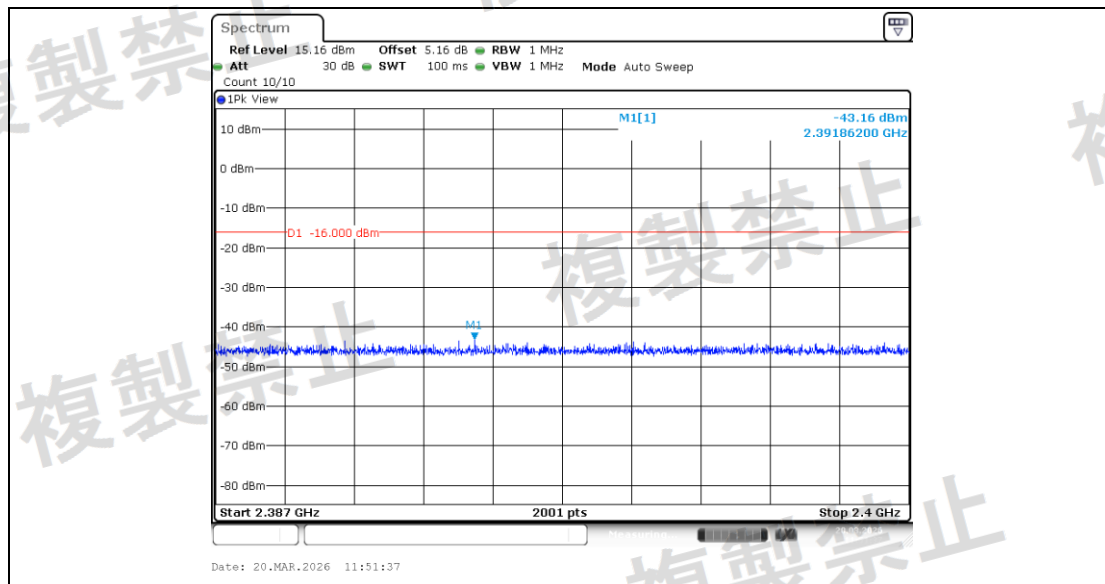


NTNV_3DH5_Ant1_2402_2496.5~13000

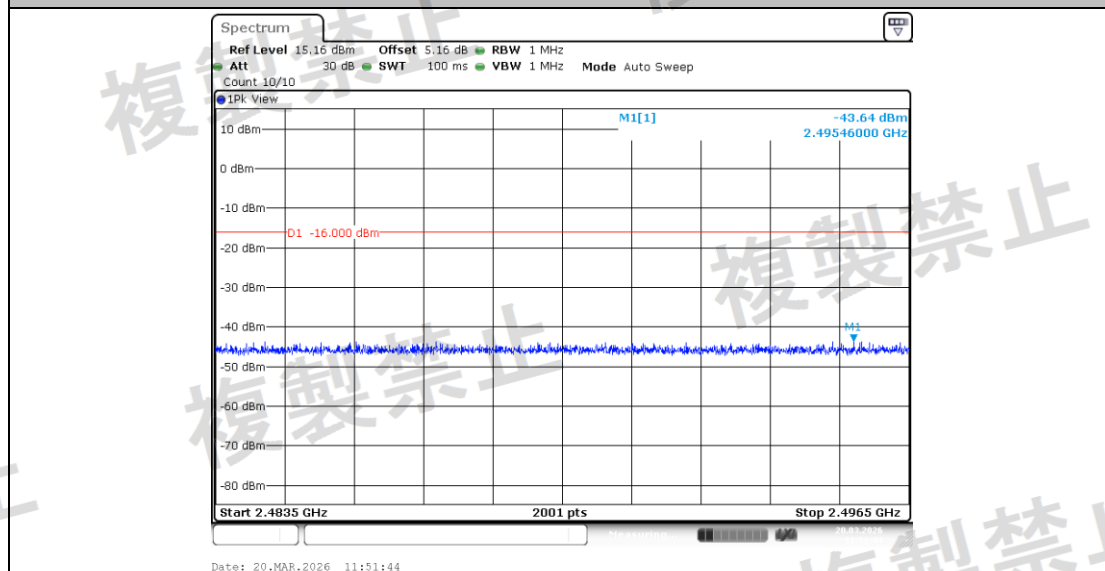




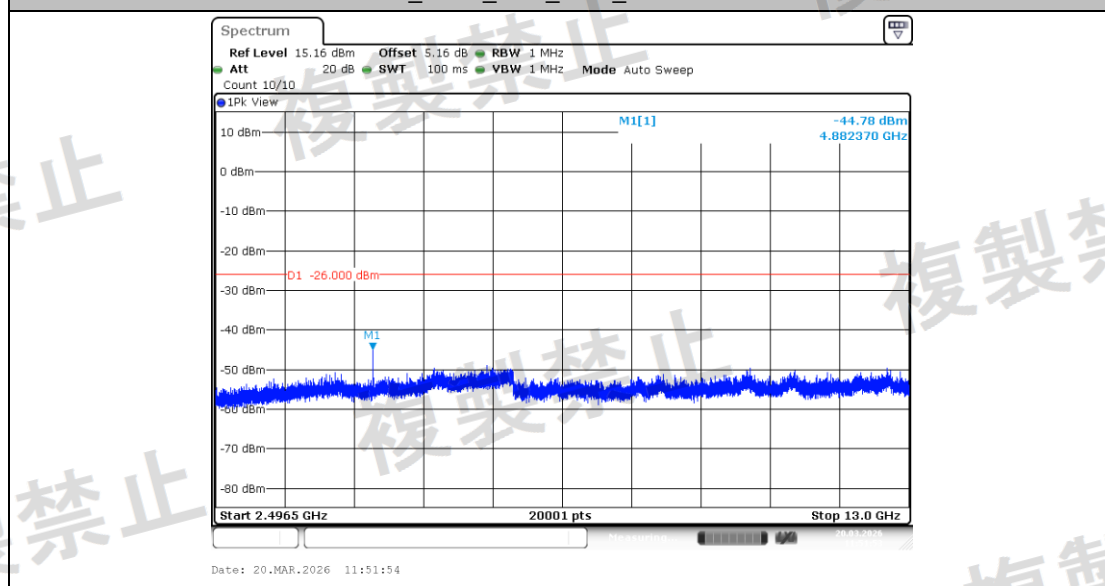
NTNV_3DH5_Ant1_2441_2387~2400

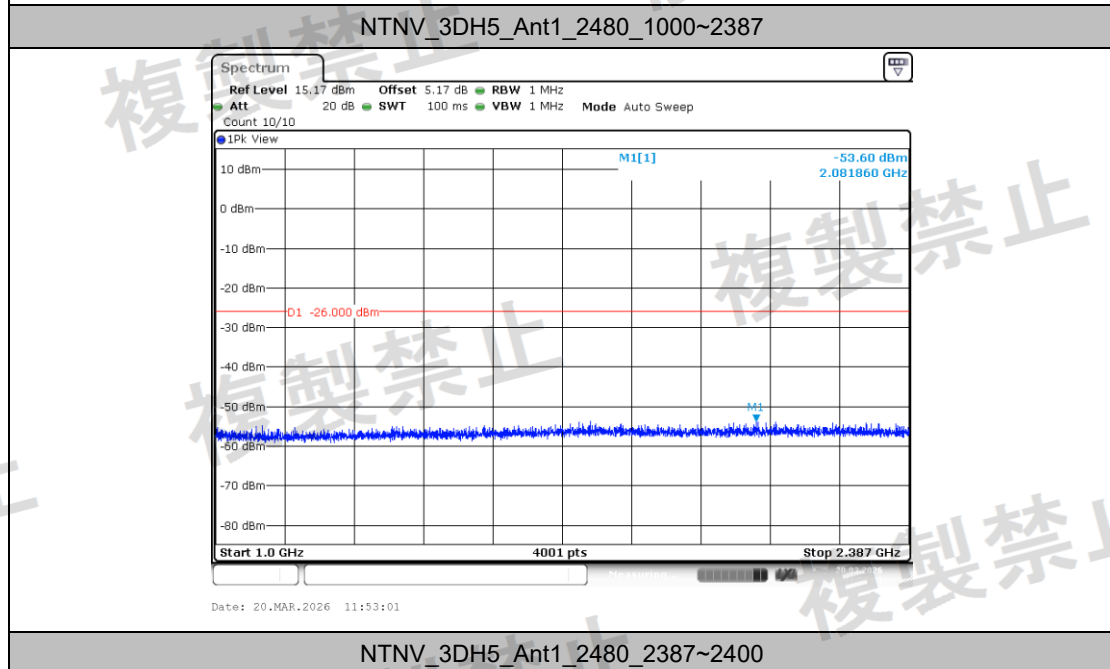
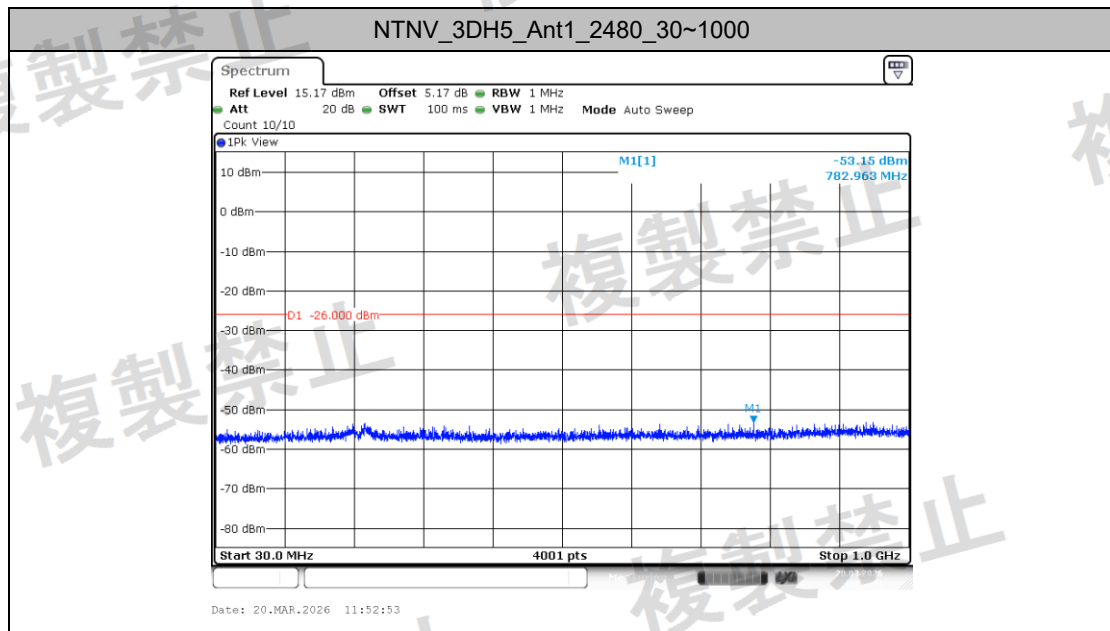


NTVN_3DH5_Ant1_2441_2483.5~2496.5

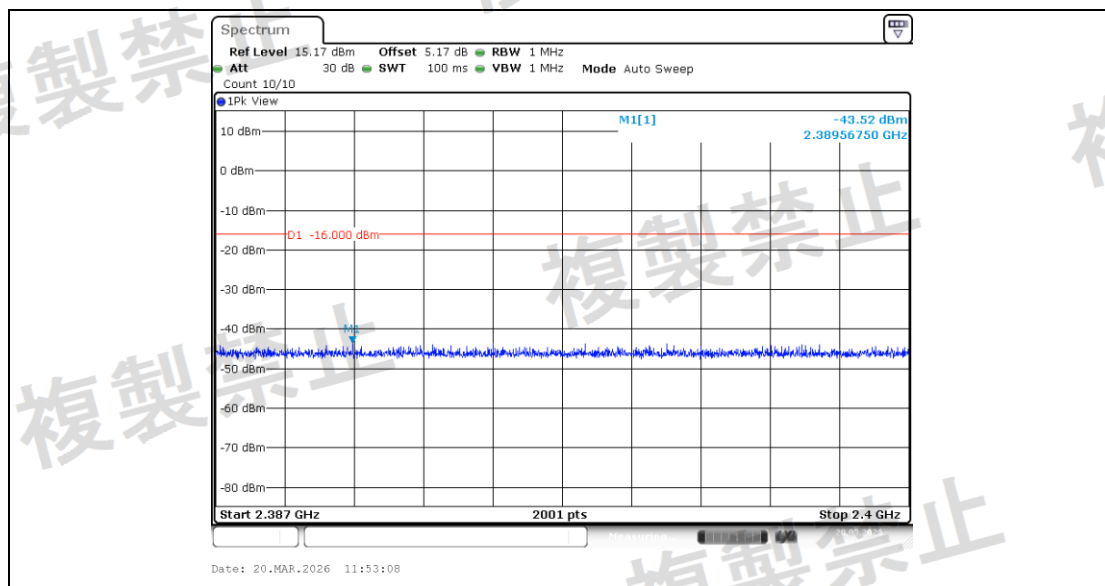


NTVN_3DH5_Ant1_2441_2496.5~13000

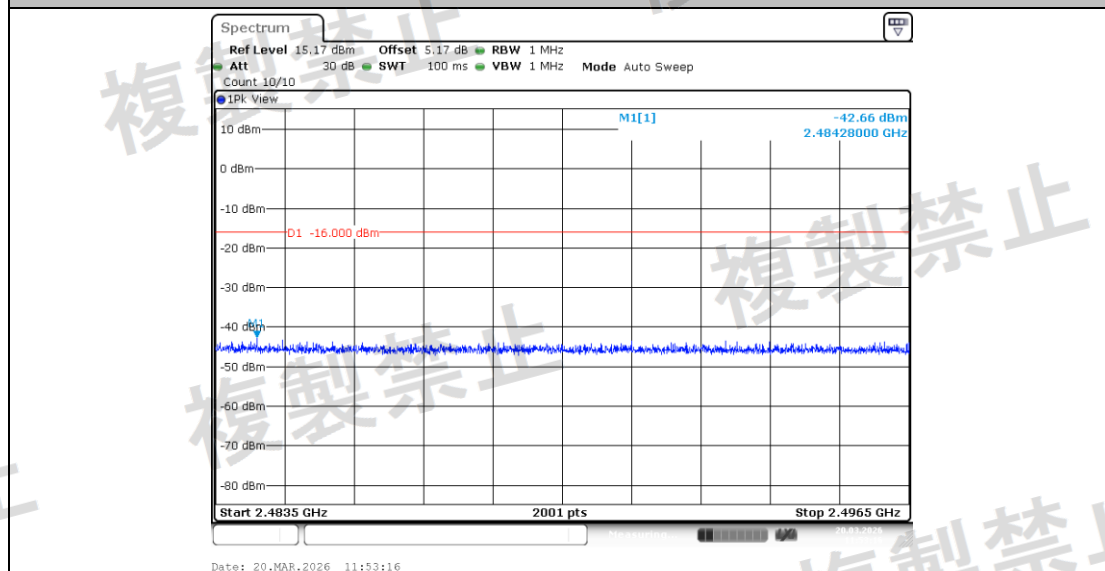




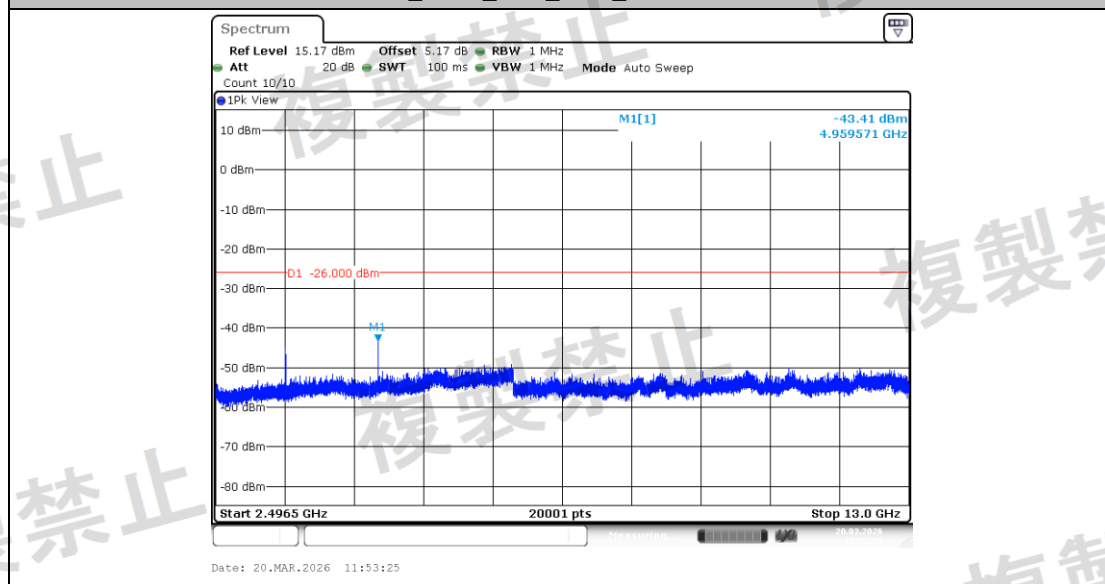
NTNV_3DH5_Ant1_2480_2387~2400



NTVN_3DH5_Ant1_2480_2483.5~2496.5



NTVN_3DH5_Ant1_2480_2496.5~13000

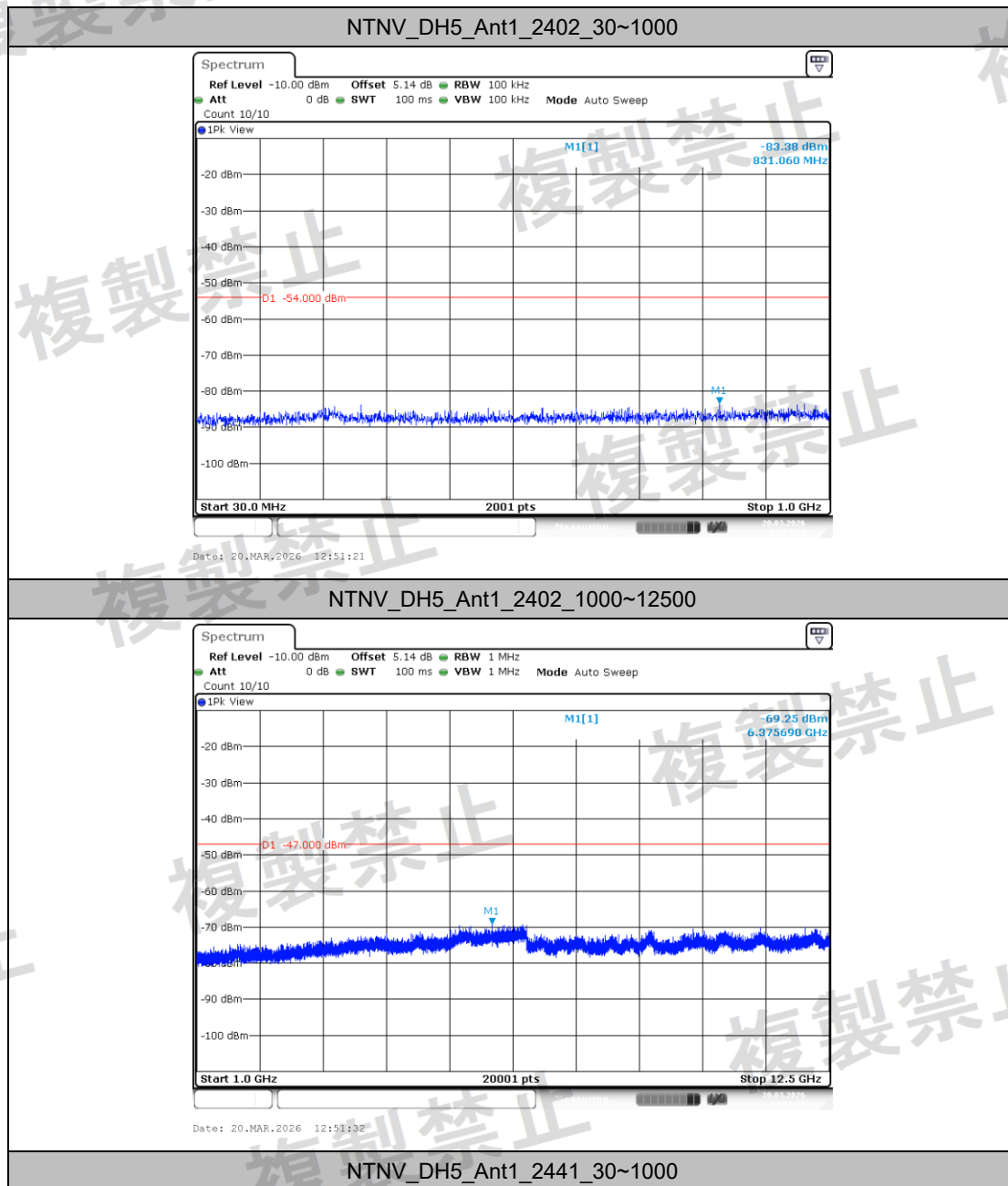


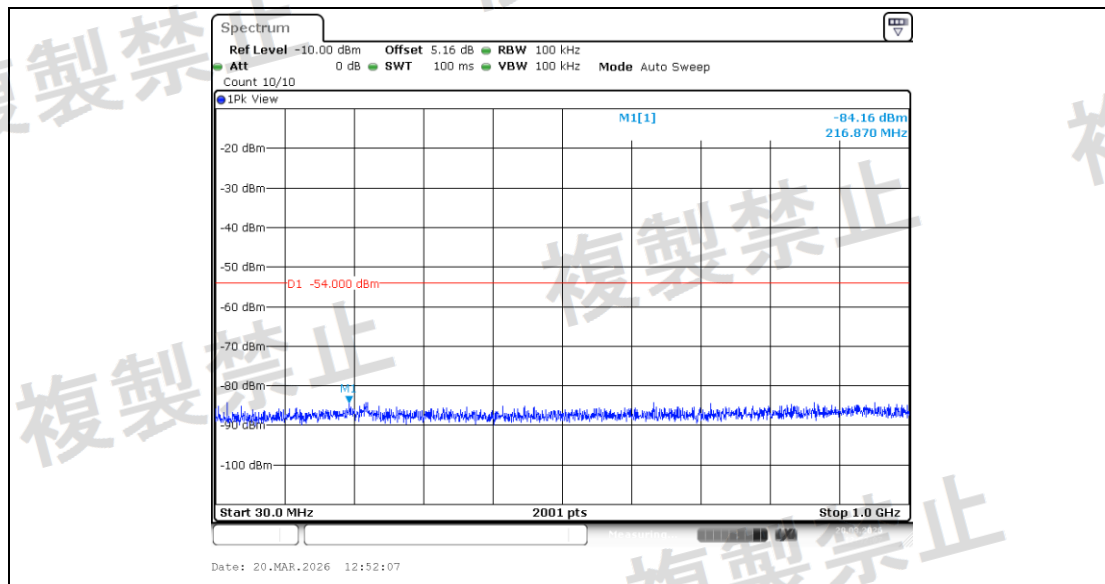
Appendix E: Spurious Emission of RX

Test Result

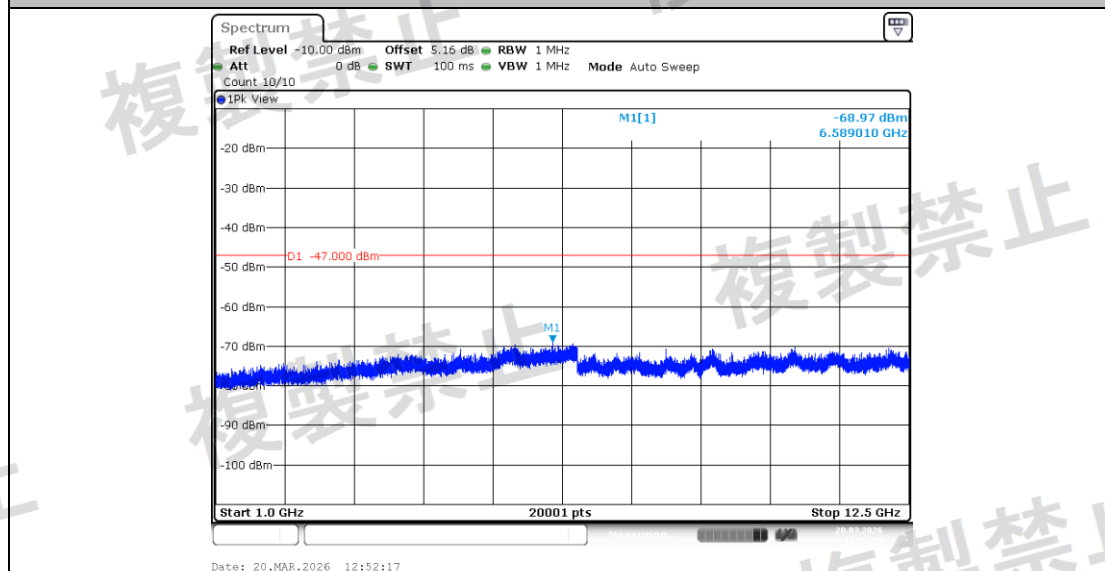
Test Condition	Test Mode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	DH5	Ant1	2402	30~1000	831.06	-83.38	≤-54	0.00459	≤4	PASS
				1000~12500	6375.69	-69.25	≤-47	0.11885	≤20	PASS
			2441	30~1000	216.87	-84.16	≤-54	0.00384	≤4	PASS
				1000~12500	6589.01	-68.97	≤-47	0.12677	≤20	PASS
			2480	30~1000	941.59	-83.67	≤-54	0.00430	≤4	PASS
				1000~12500	5832.92	-68.98	≤-47	0.12647	≤20	PASS
	2DH5	Ant1	2402	30~1000	346.79	-82.84	≤-54	0.00520	≤4	PASS
				1000~12500	6948.94	-69.06	≤-47	0.12417	≤20	PASS
			2441	30~1000	338.55	-83.51	≤-54	0.00446	≤4	PASS
				1000~12500	6959.86	-69.06	≤-47	0.12417	≤20	PASS
			2480	30~1000	500.46	-83.68	≤-54	0.00429	≤4	PASS
				1000~12500	6981.71	-69.12	≤-47	0.12246	≤20	PASS
	3DH5	Ant1	2402	30~1000	842.21	-83.68	≤-54	0.00429	≤4	PASS
				1000~12500	6908.69	-69.01	≤-47	0.12560	≤20	PASS
			2441	30~1000	239.66	-83.03	≤-54	0.00498	≤4	PASS
				1000~12500	6978.26	-68.90	≤-47	0.12882	≤20	PASS
			2480	30~1000	243.54	-82.81	≤-54	0.00524	≤4	PASS
				1000~12500	6995.51	-69.18	≤-47	0.12078	≤20	PASS

Test Graphs

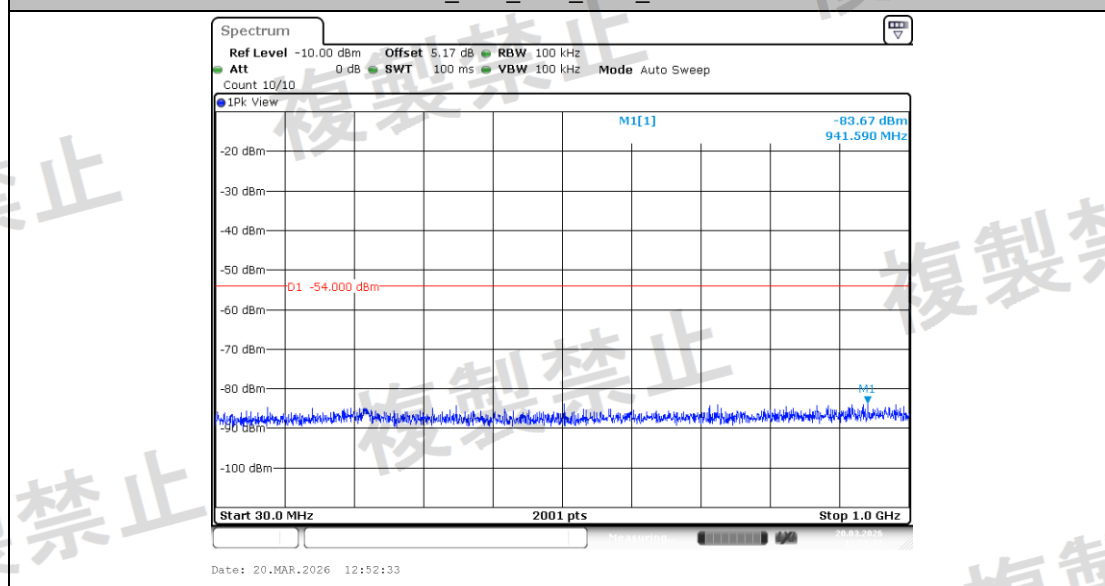


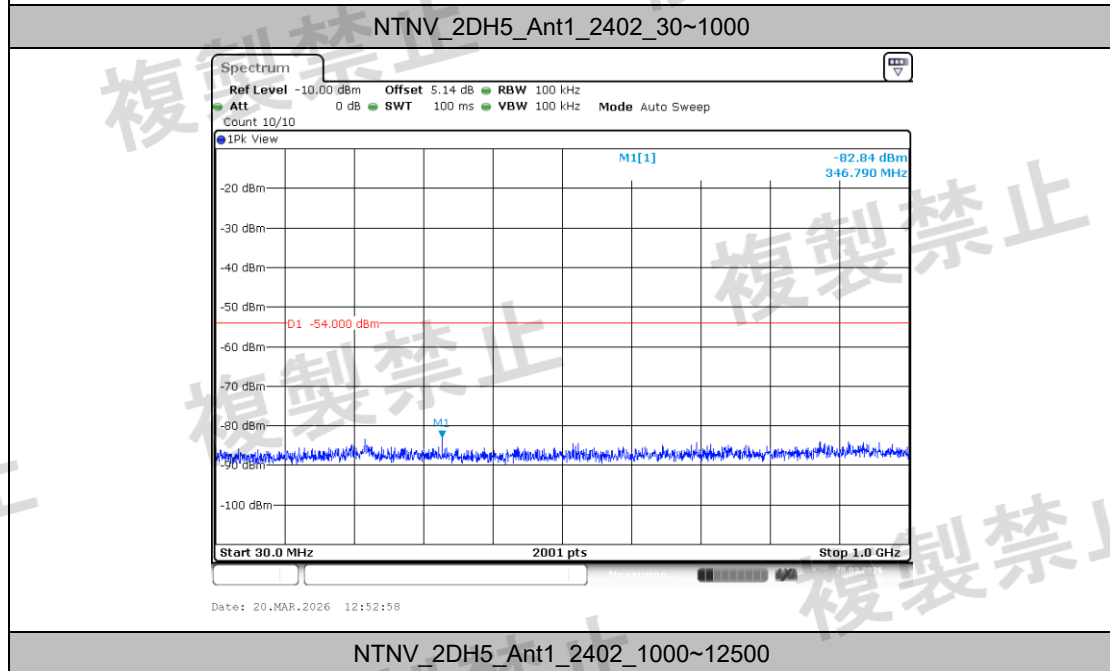
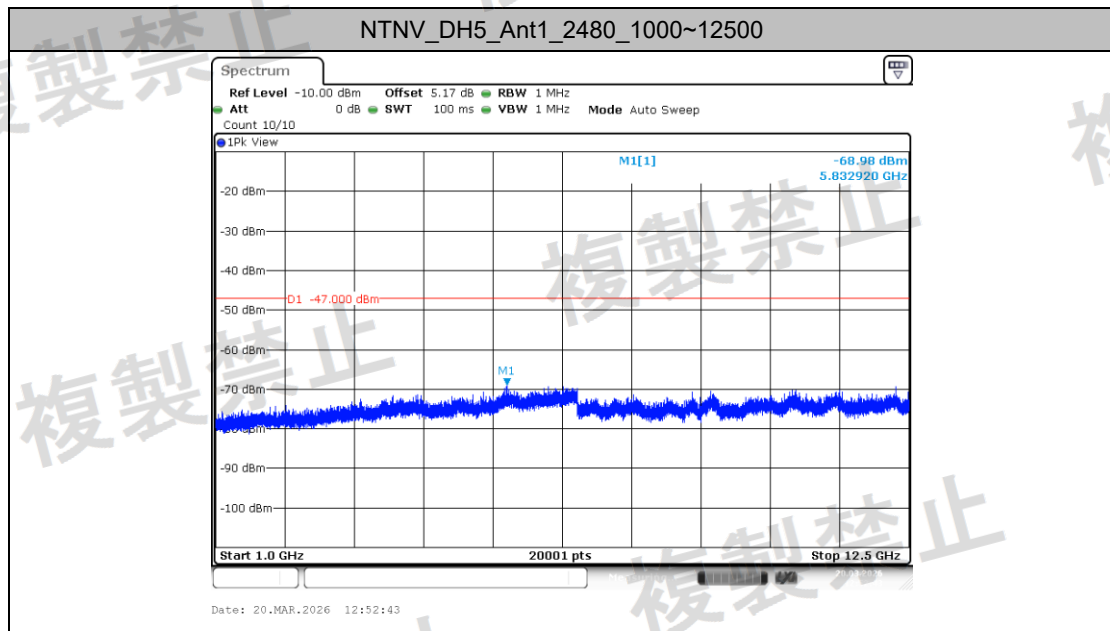


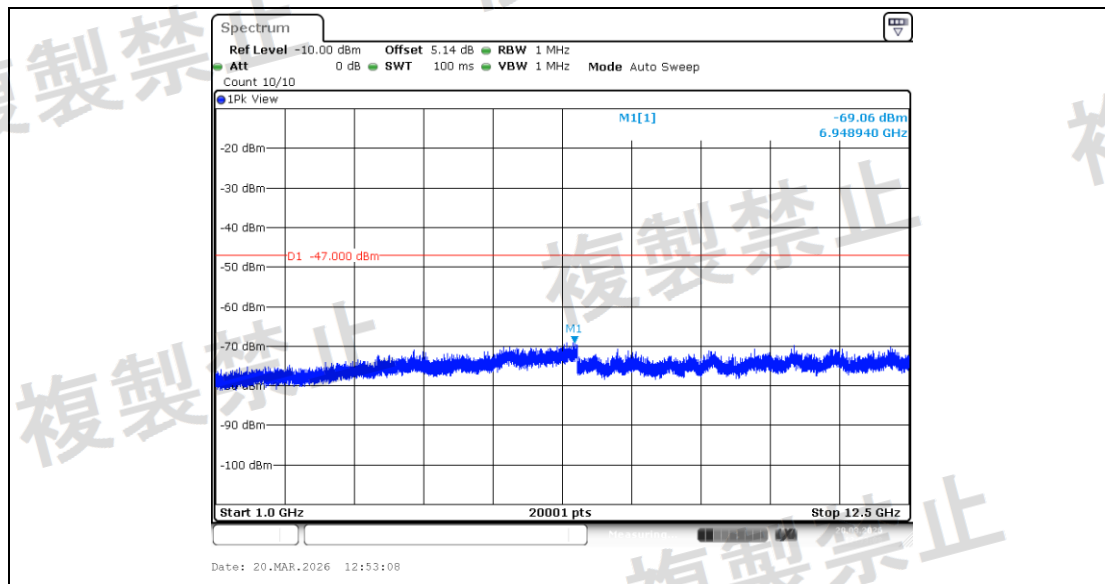
NTNV_DH5_Ant1_2441_1000~12500



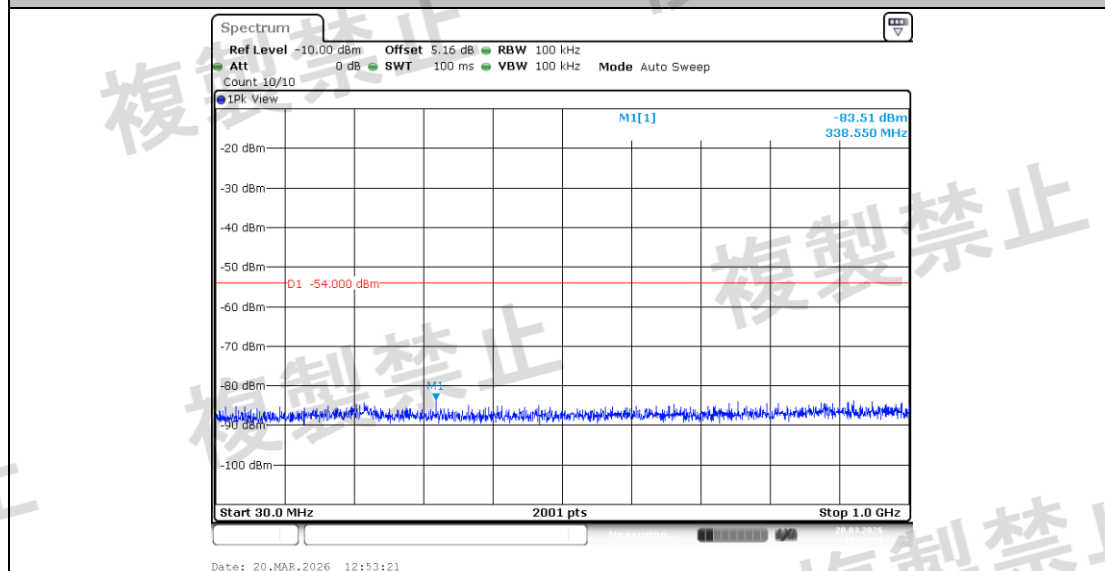
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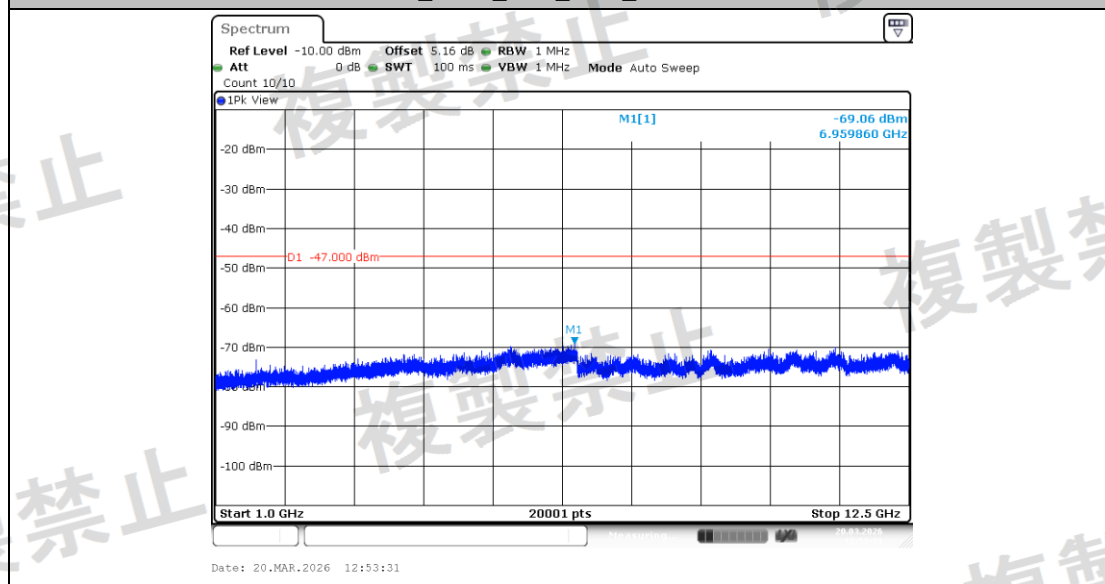


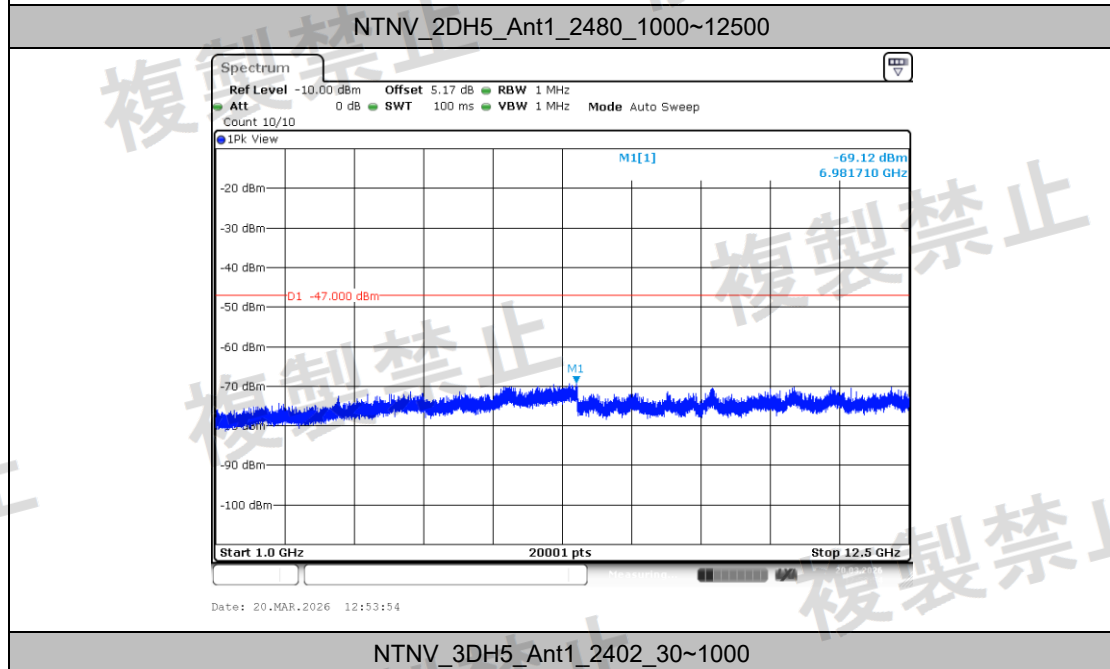
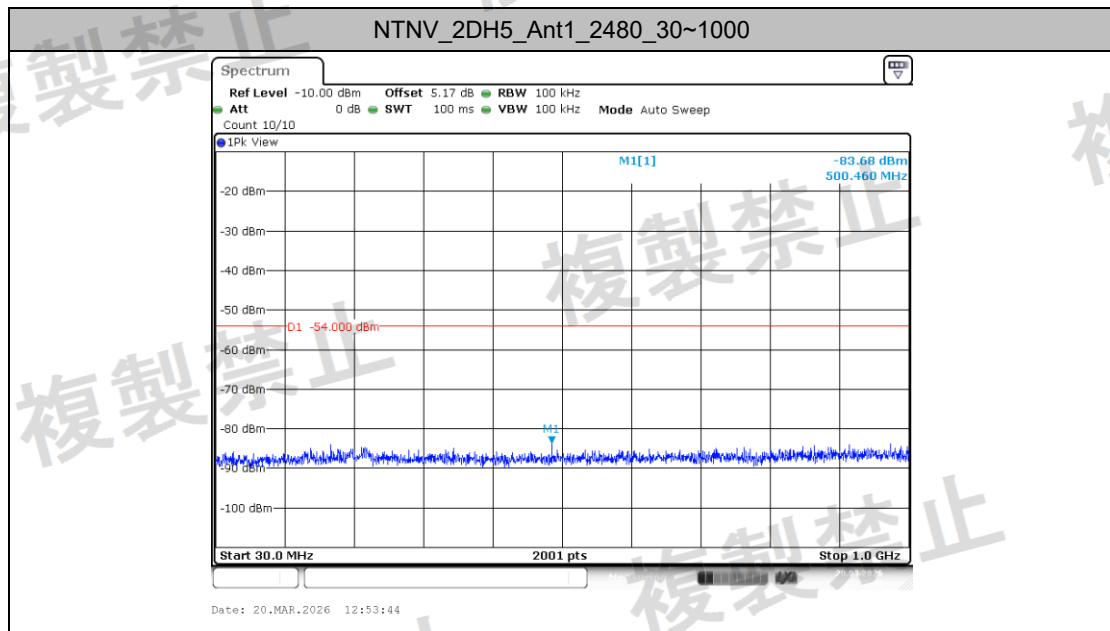


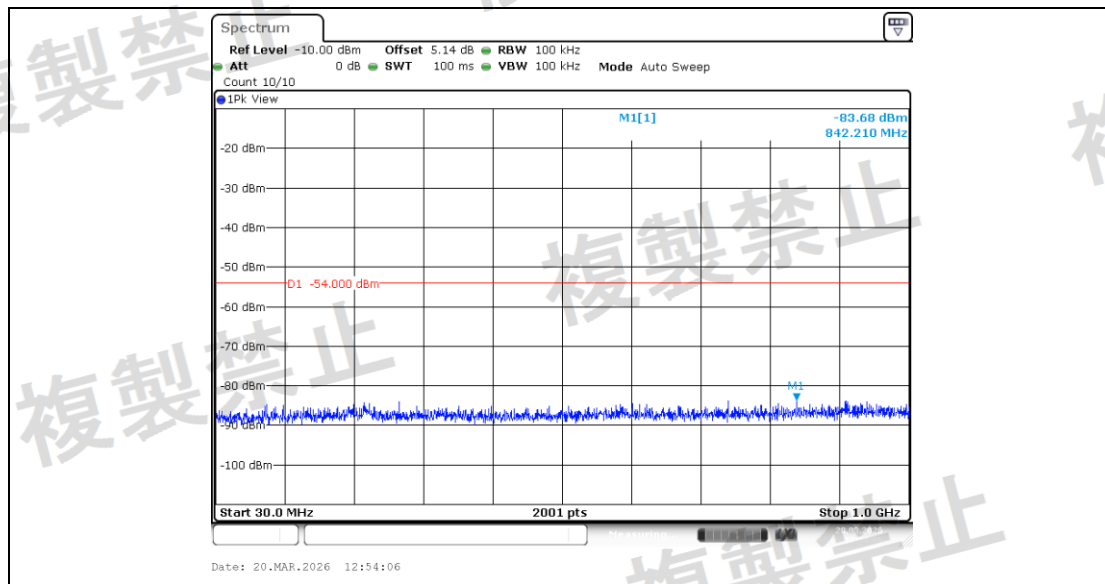
NTNV_2DH5_Ant1_2441_30~1000



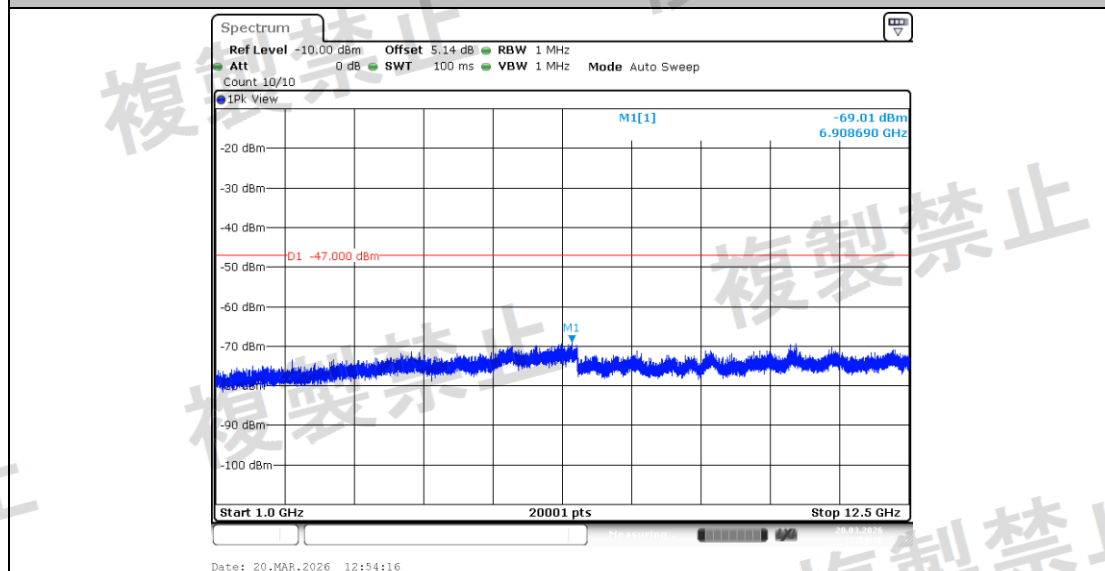
NTNV_2DH5_Ant1_2441_1000~12500



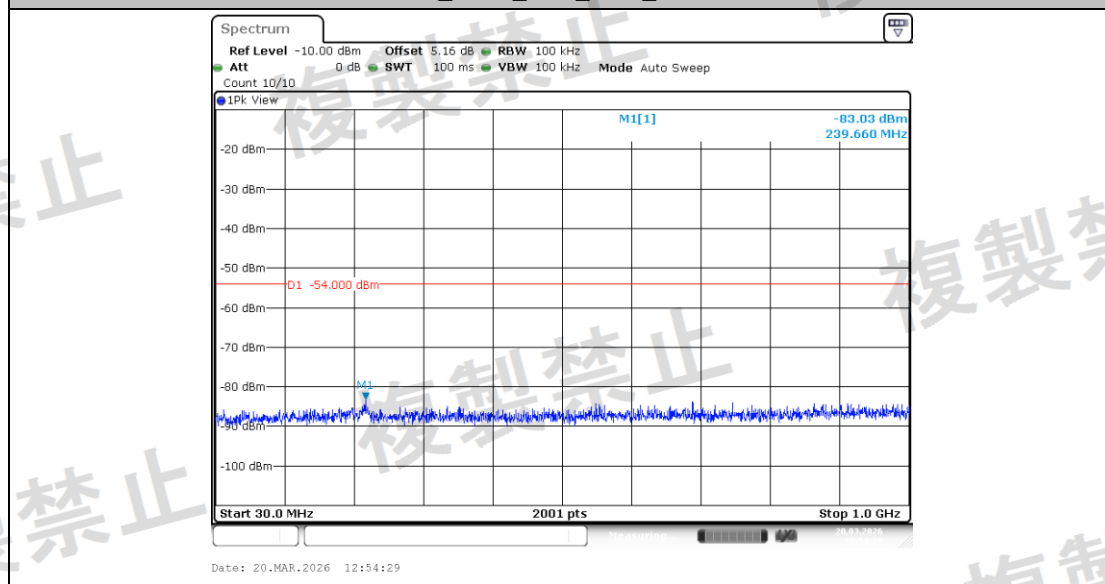


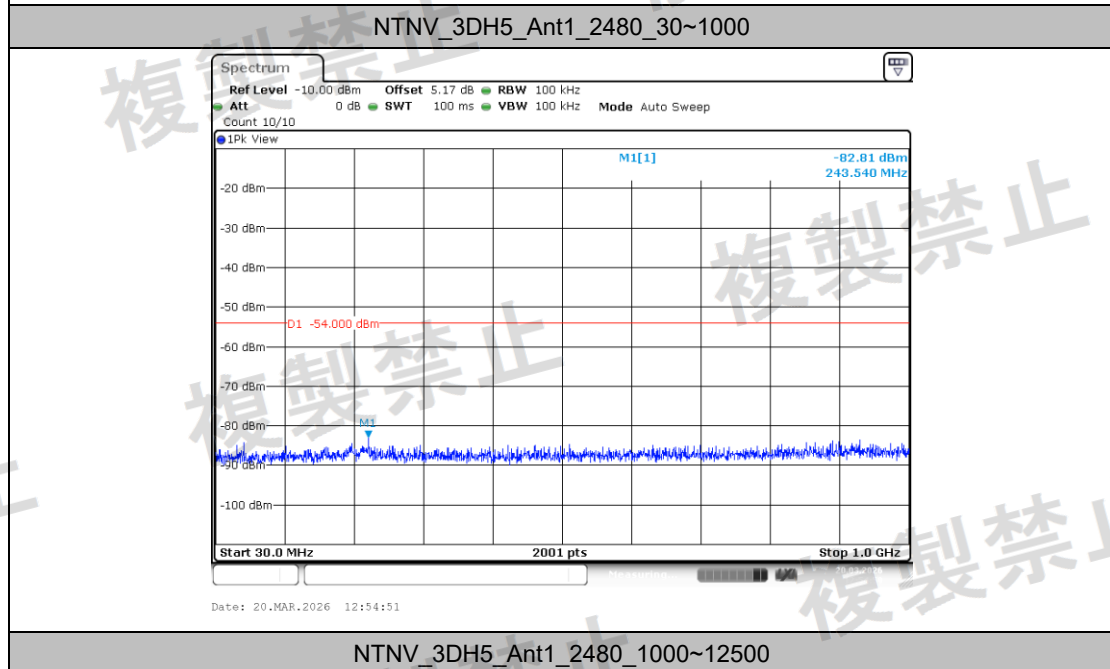
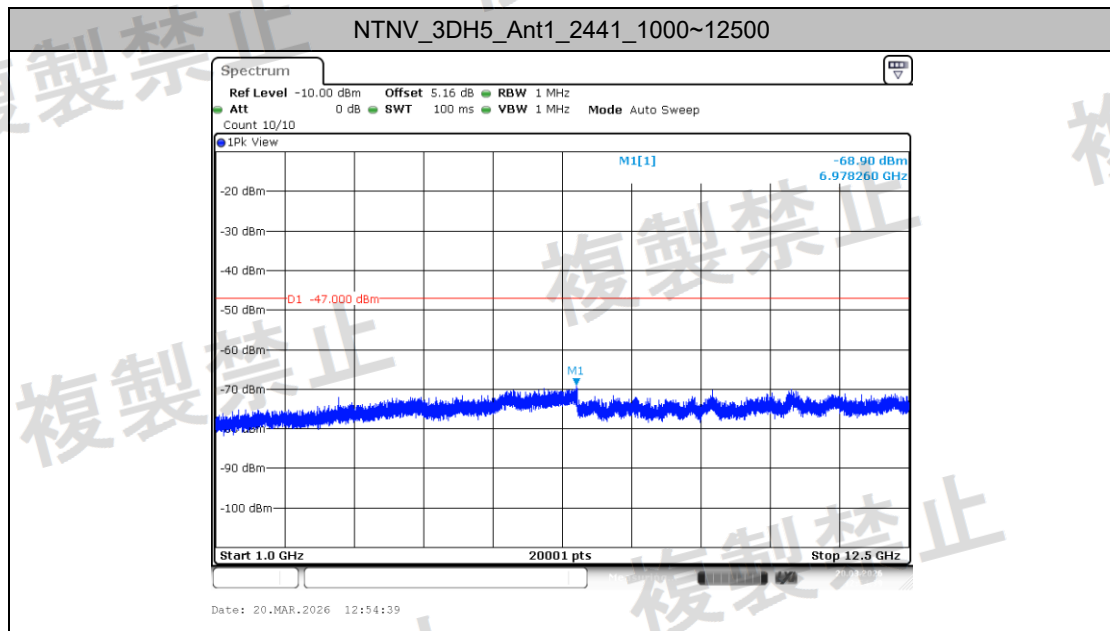


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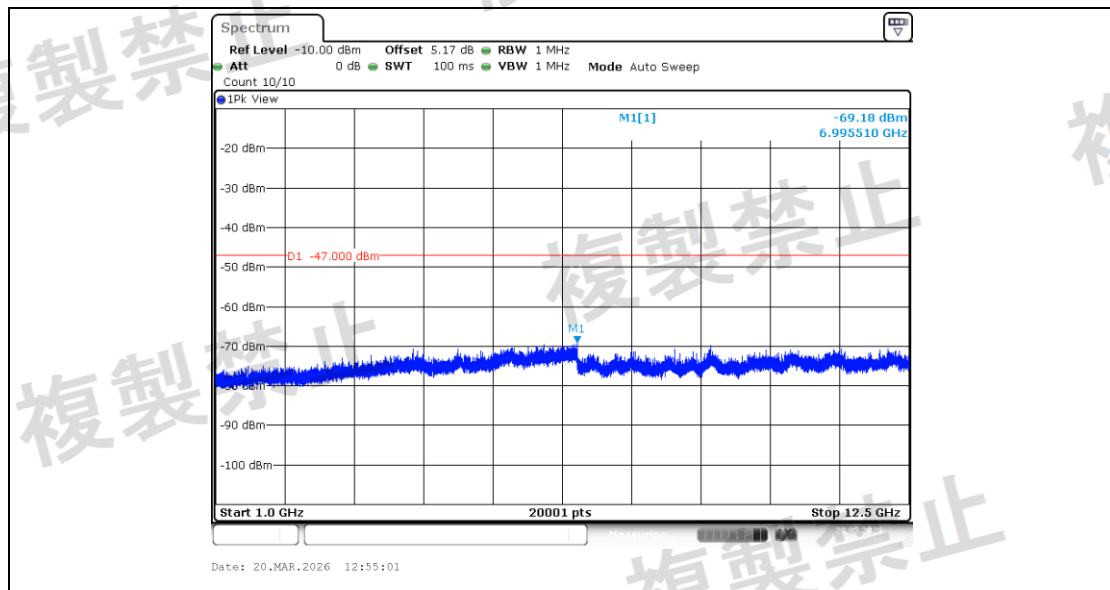


NTNV_3DH5_Ant1_2441_30~1000





NTNV_3DH5_Ant1_2480_1000~12500

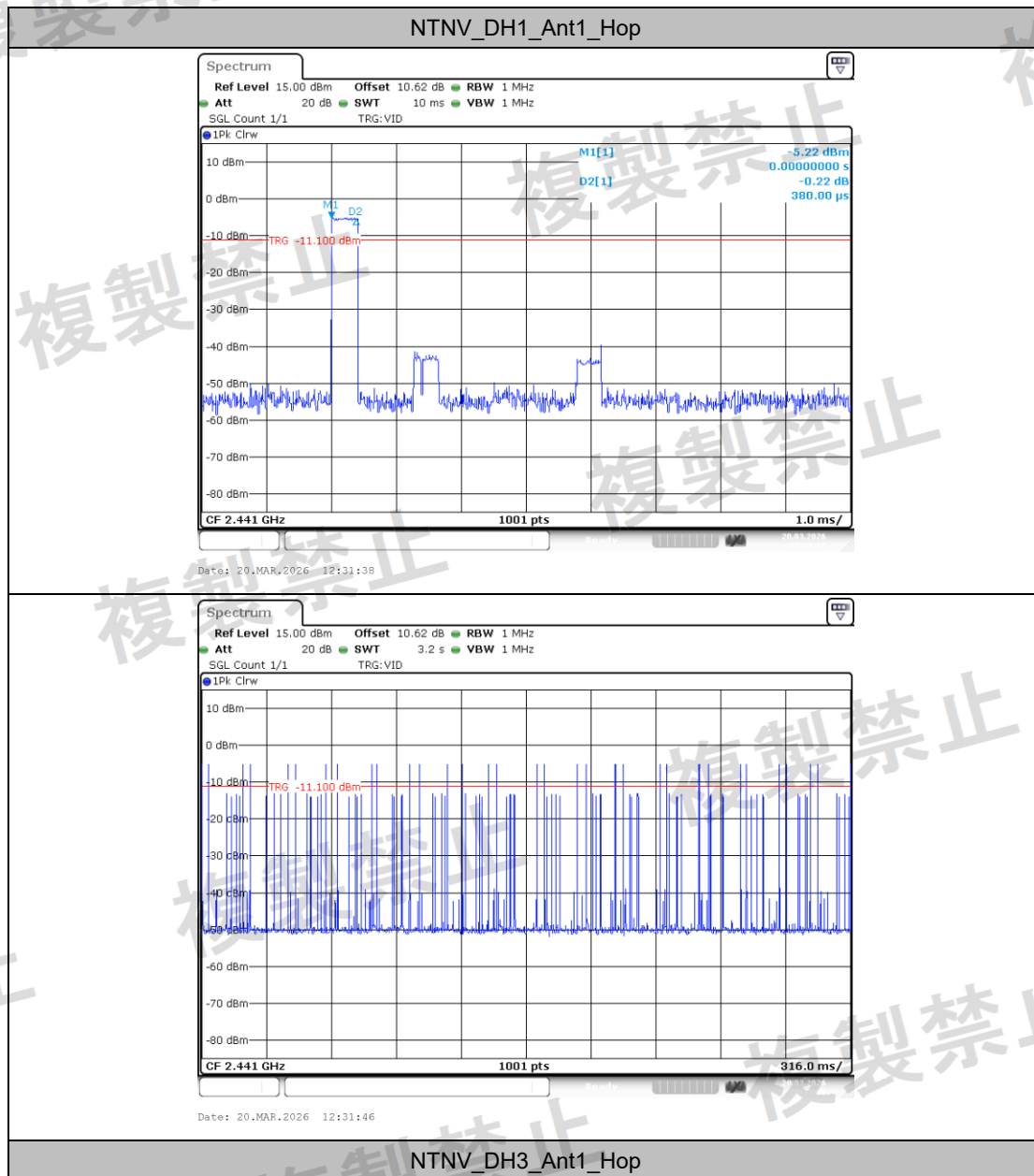


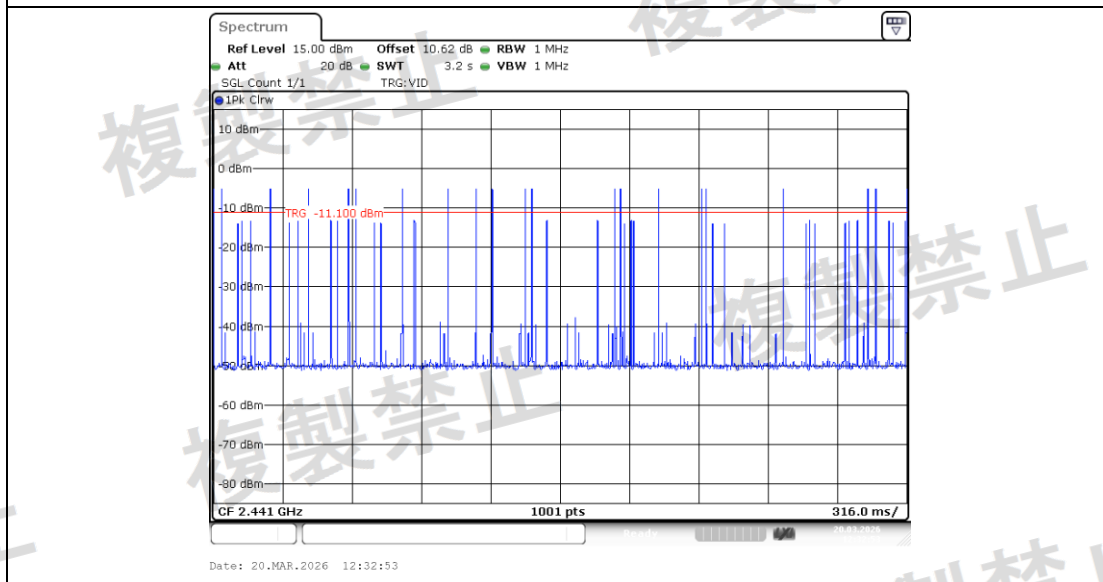
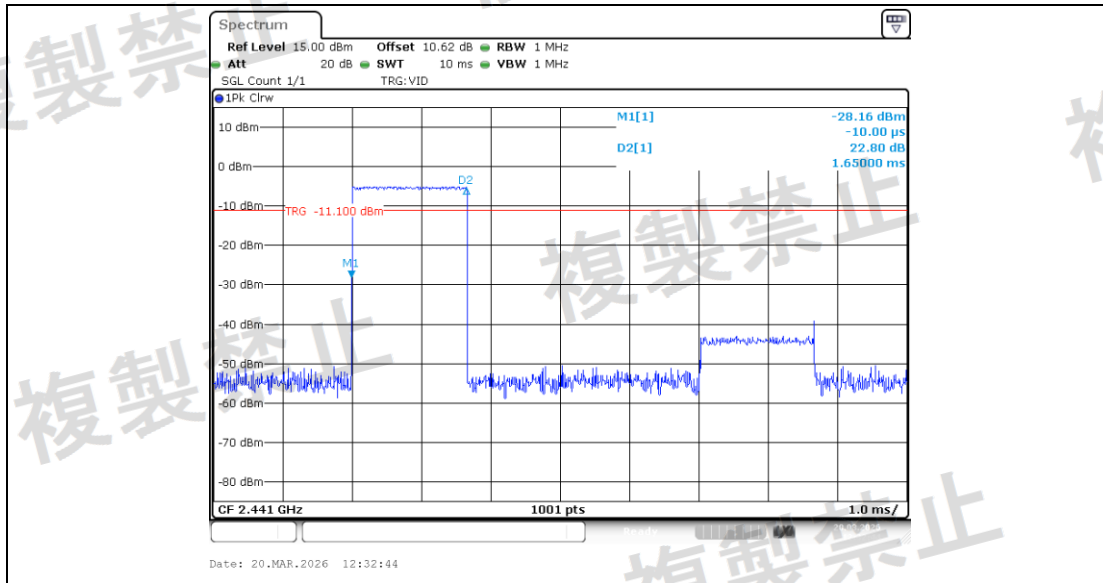
Appendix F: Dwell Time

Test Result

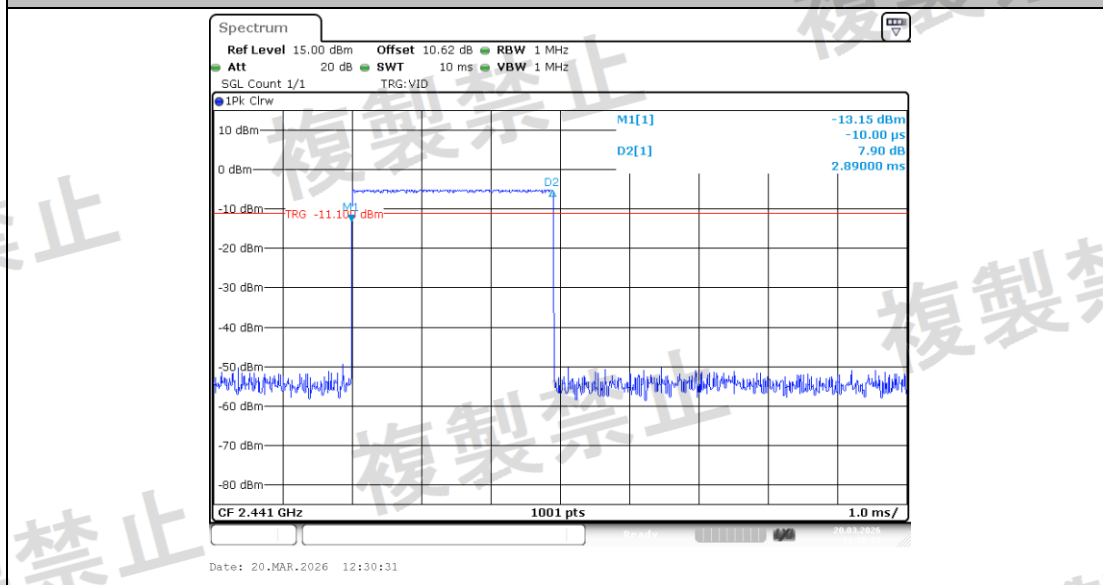
Test Condition	Test Mode	Antenna	Freq(M Hz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit [s]	Verdict
NTNV	DH1	Ant1	Hop	0.38	320	0.122	≤0.4	PASS
	DH3	Ant1	Hop	1.65	200	0.33	≤0.4	PASS
	DH5	Ant1	Hop	2.89	70	0.202	≤0.4	PASS
	2DH1	Ant1	Hop	0.40	320	0.128	≤0.4	PASS
	2DH3	Ant1	Hop	1.65	140	0.231	≤0.4	PASS
	2DH5	Ant1	Hop	2.90	100	0.29	≤0.4	PASS
	3DH1	Ant1	Hop	0.40	310	0.124	≤0.4	PASS
	3DH3	Ant1	Hop	1.65	190	0.314	≤0.4	PASS
	3DH5	Ant1	Hop	2.90	90	0.261	≤0.4	PASS

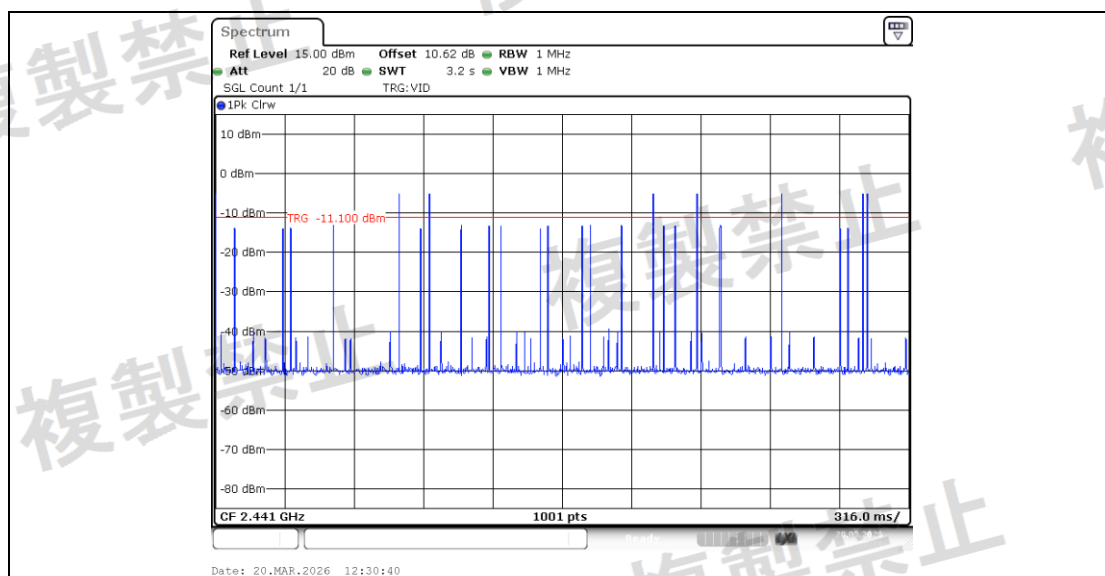
Test Graphs



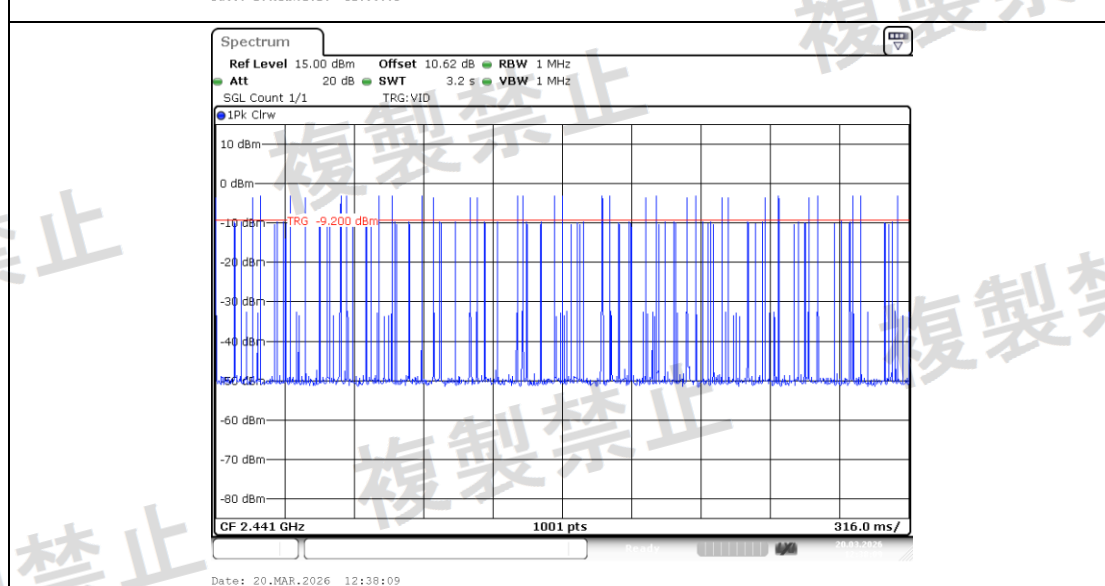
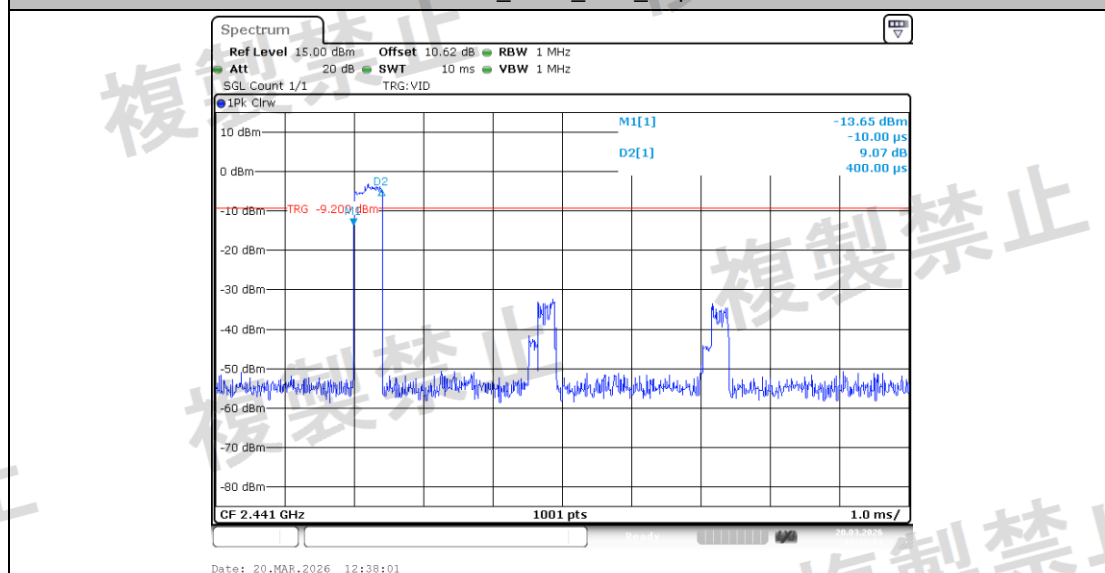


NTNV_DH5_Ant1_Hop

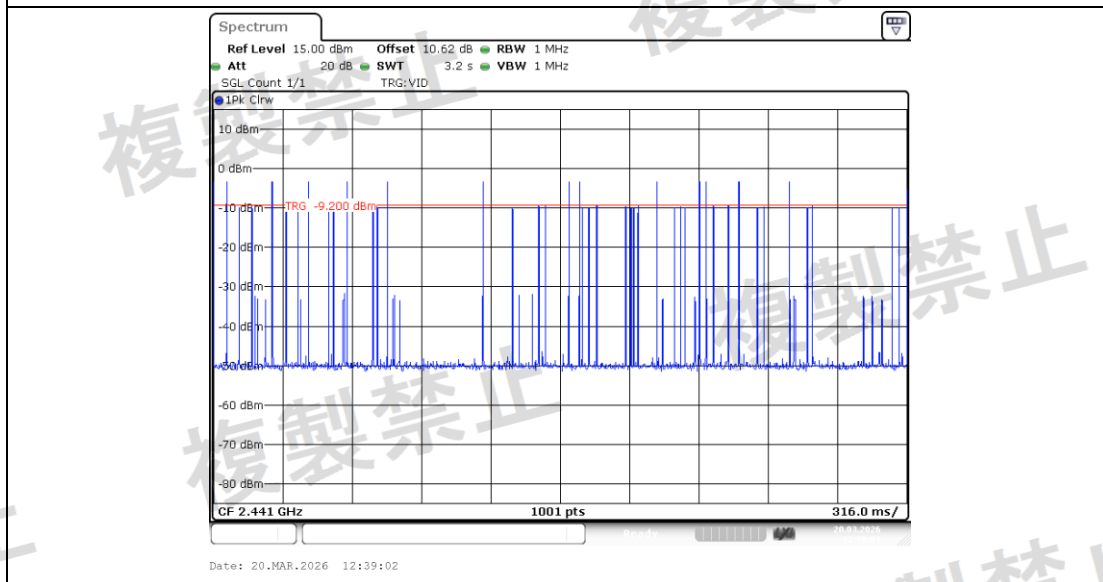
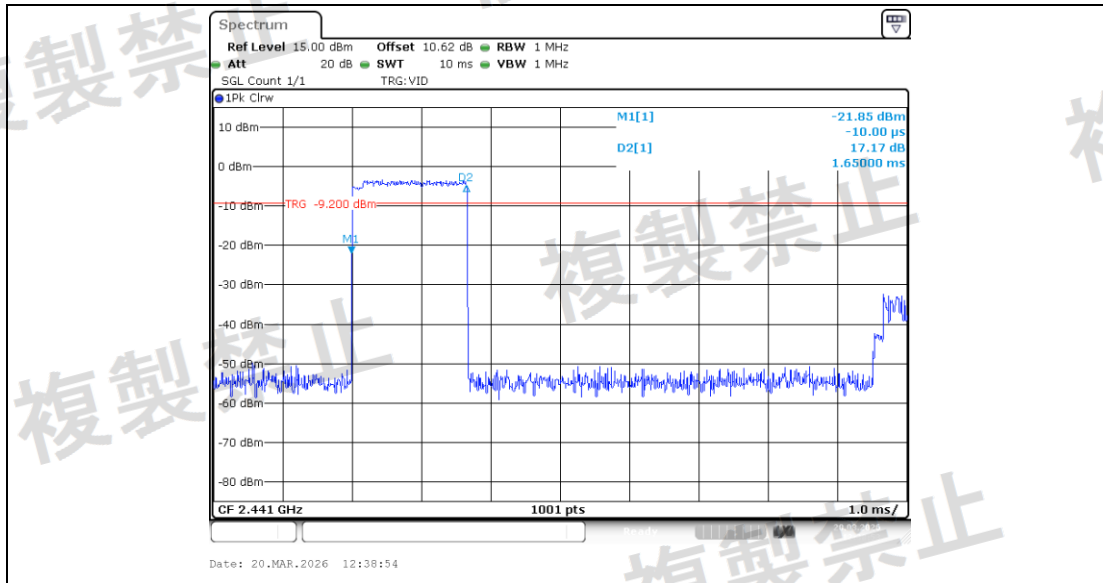




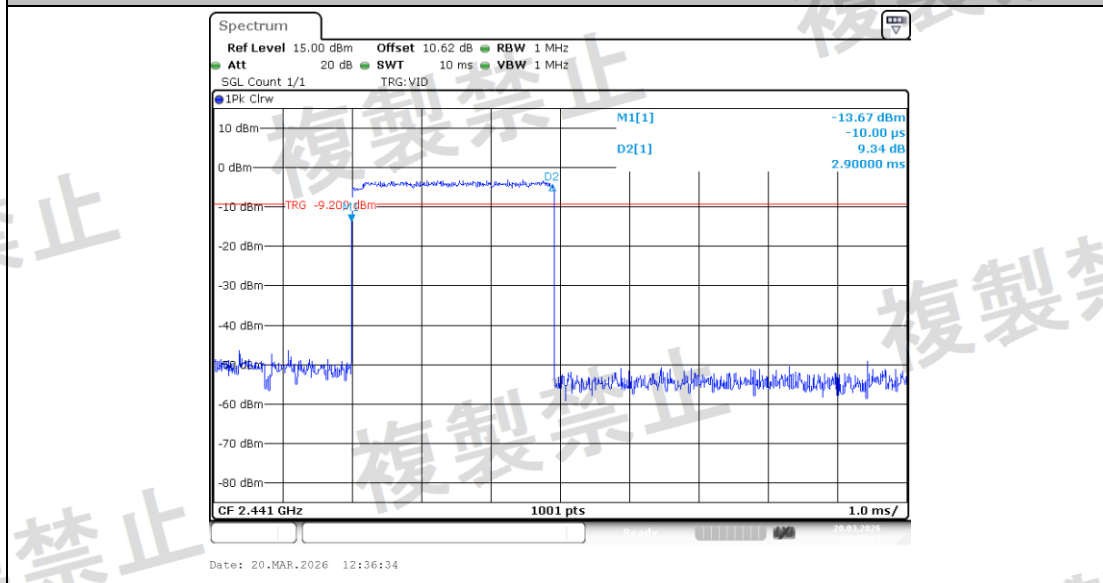
NTNV_2DH1_Ant1_Hop

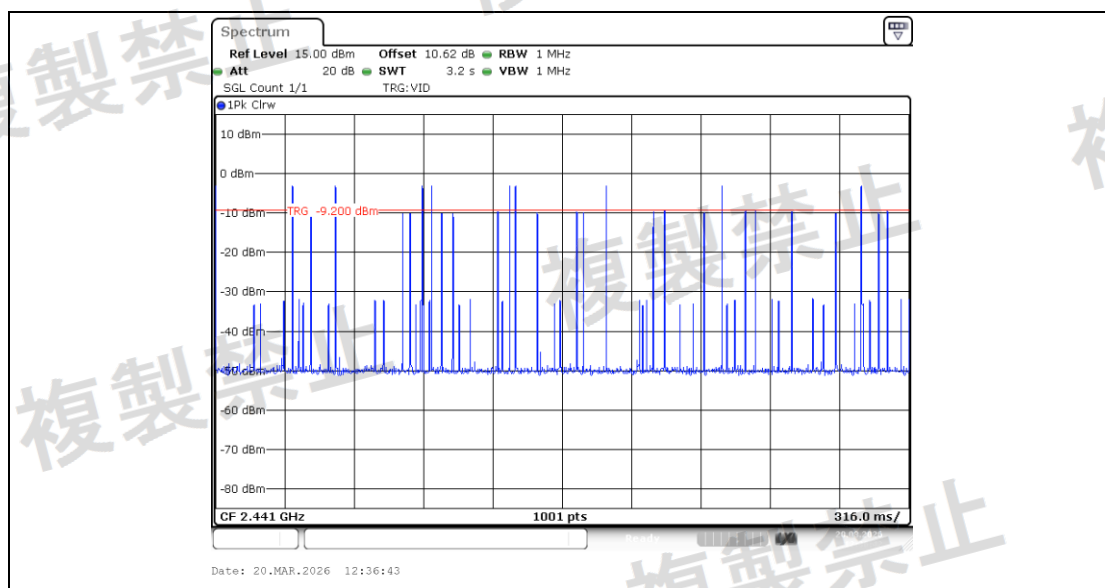


NTNV_2DH3_Ant1_Hop

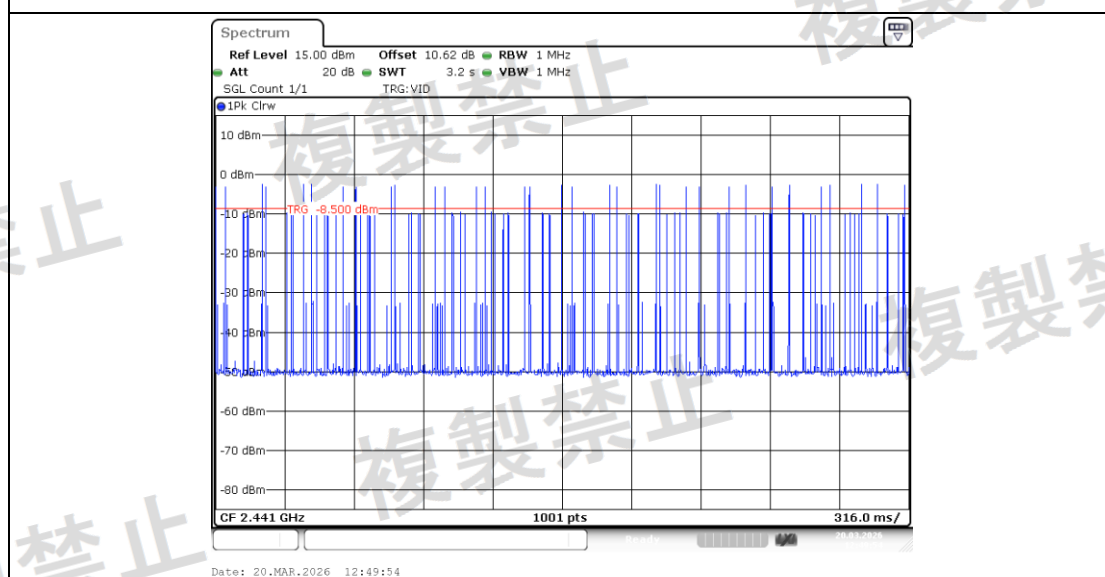
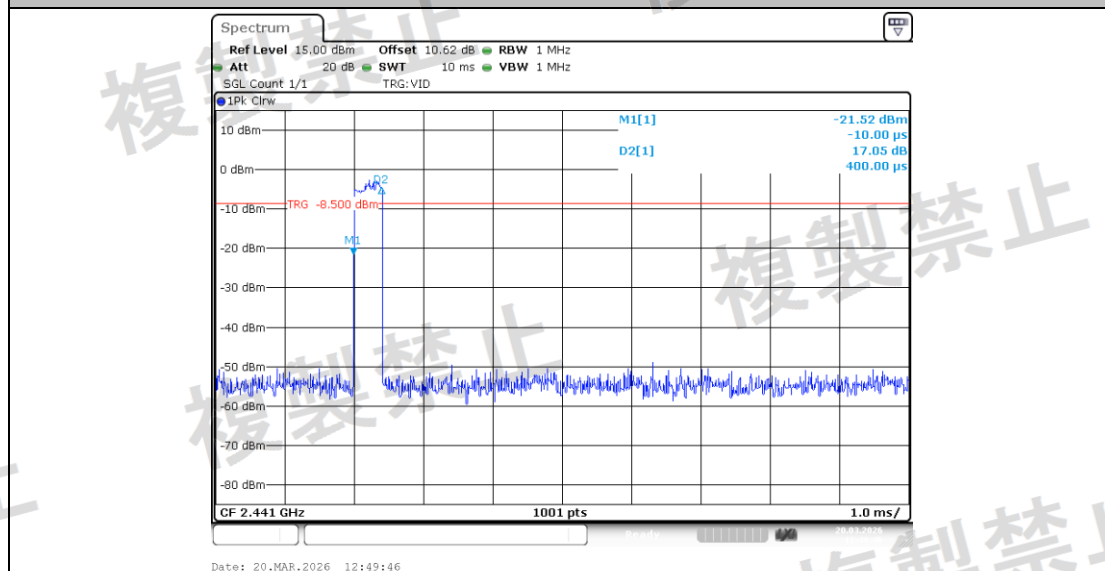


NTNV_2DH5_Ant1_Hop

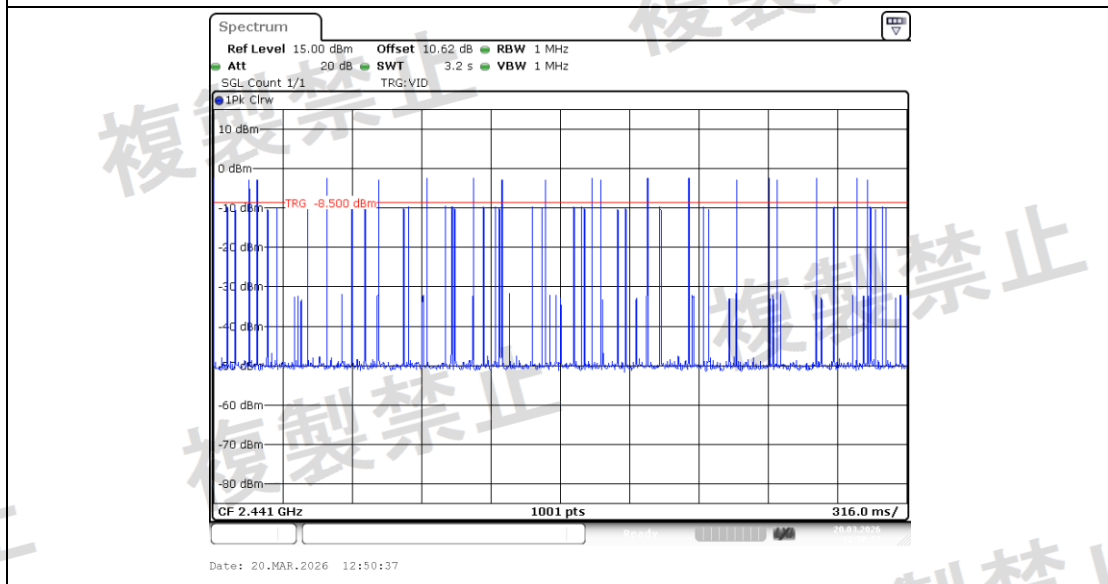
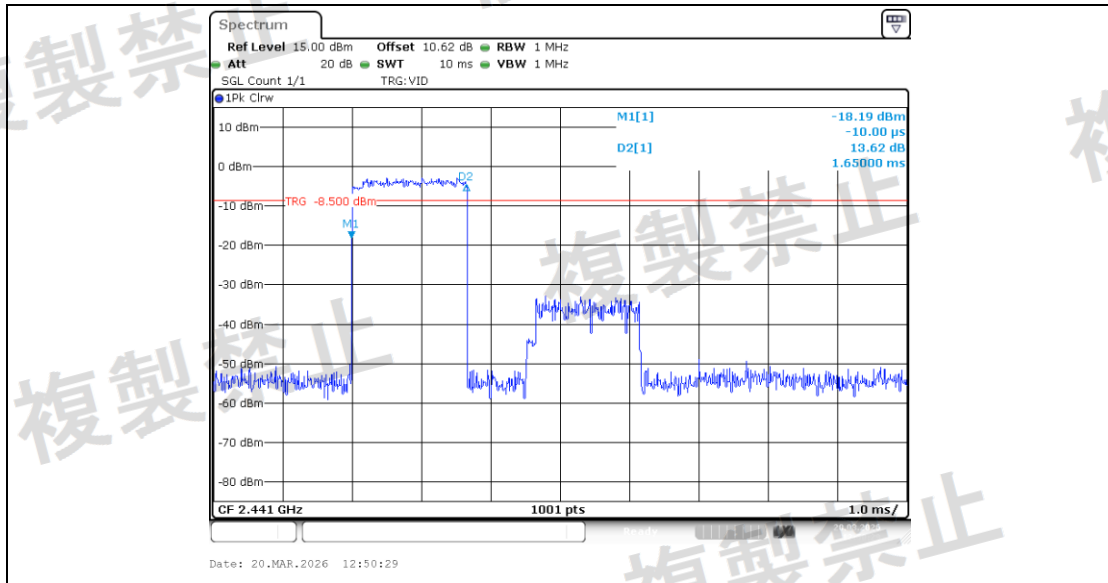




NTNV_3DH1_Ant1_Hop



NTNV_3DH3_Ant1_Hop



NTNV_3DH5_Ant1_Hop

