

Case No. : GTS20260601019-3-01	
Ambient Condition: 24 °C, 53 %RH, Atmos100.1Kpa,	
Test Date: 2026.6.18-2026.6.23	Test Engineer: Evan ouyang

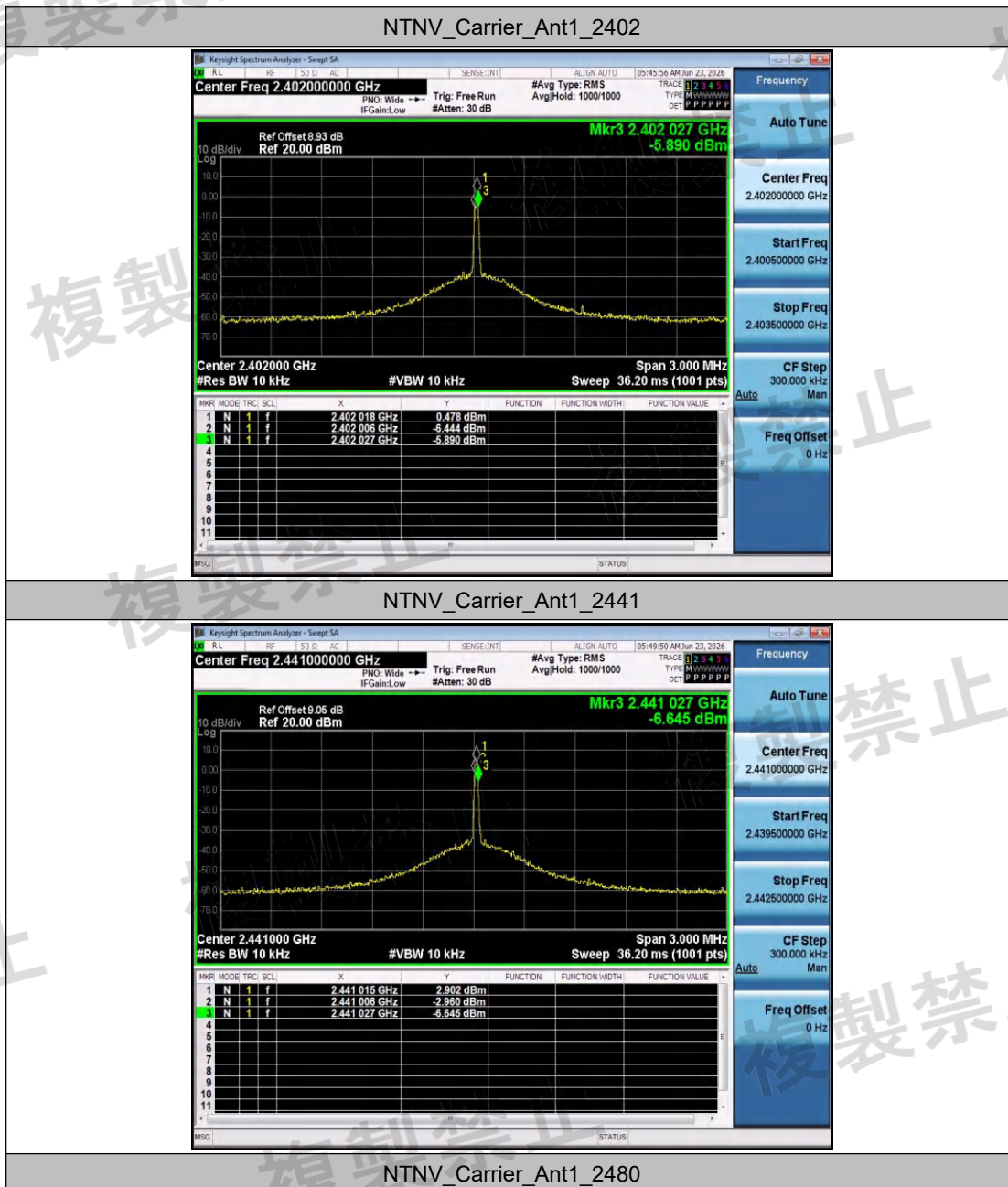
Appendix A.1: Frequency_Error

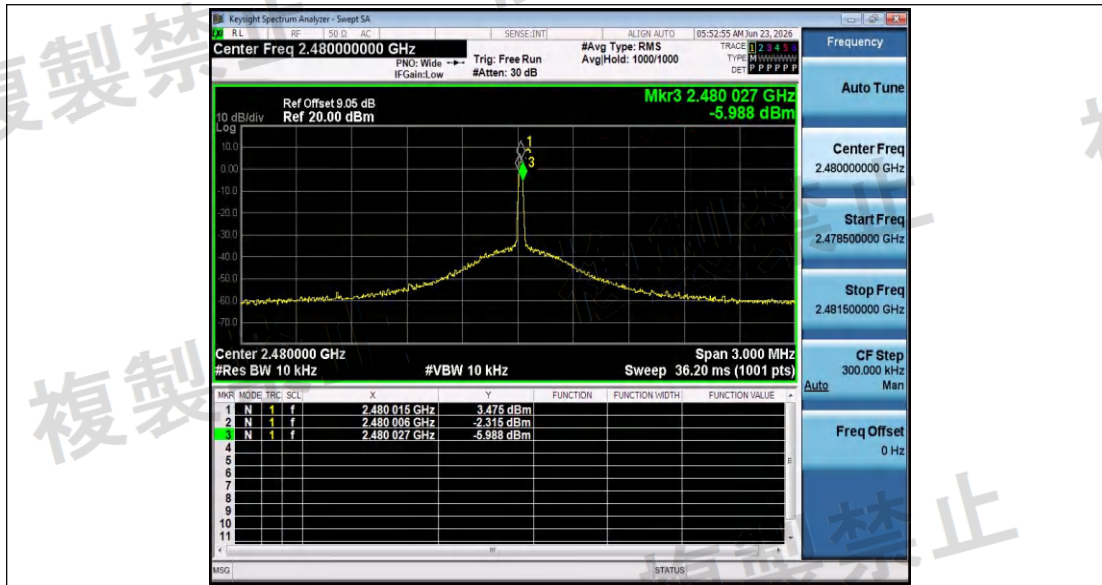
Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	CenterFreq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	Carrier	Ant1	2402	2402.0165	6.86928	±50	PASS
			2441	2441.0165	6.75953	±50	PASS
			2480	2480.0165	6.65323	±50	PASS

Note: Result[ppm]= (CenterFreq - Channel)/Channel*1000000

Test Graphs



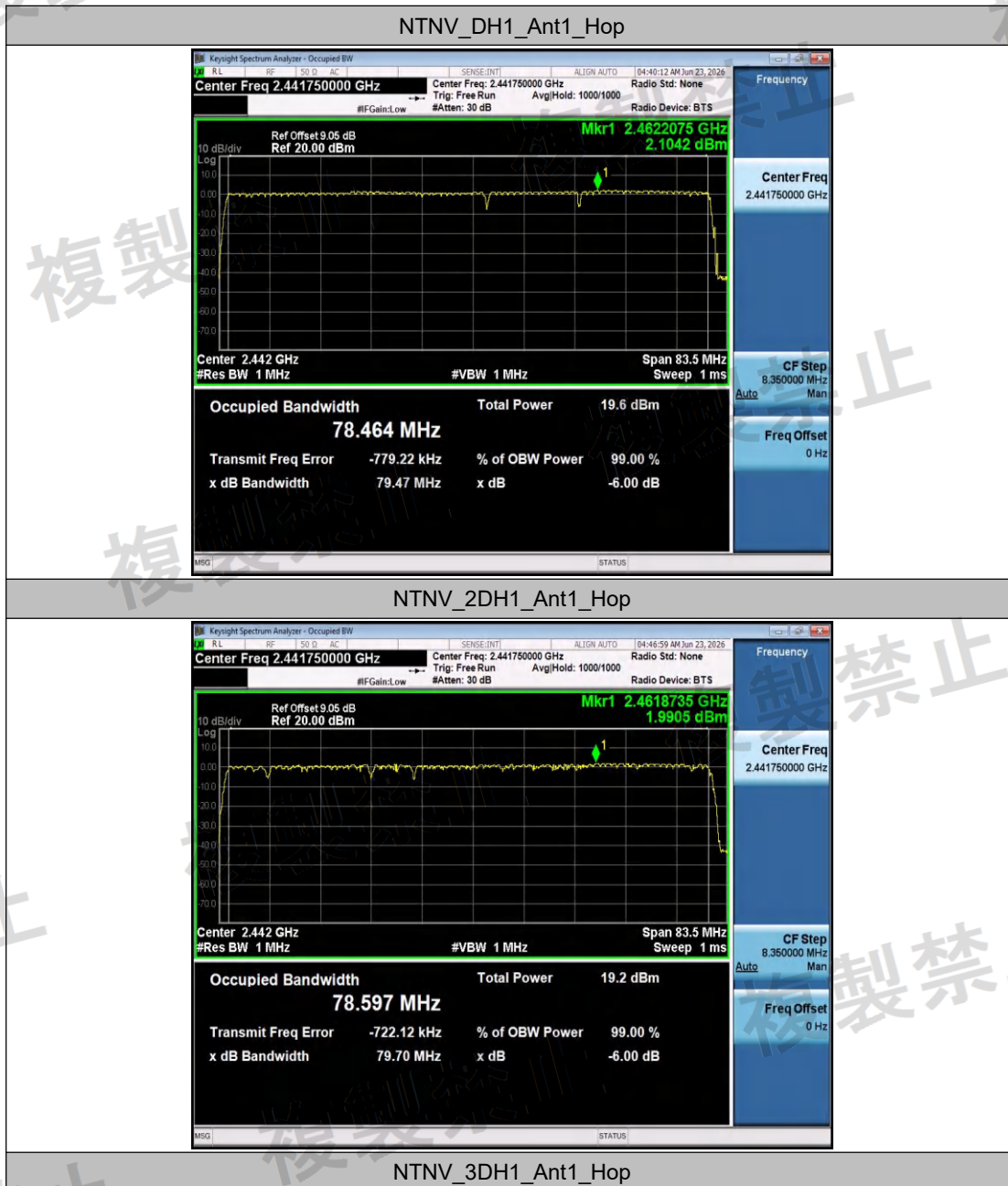


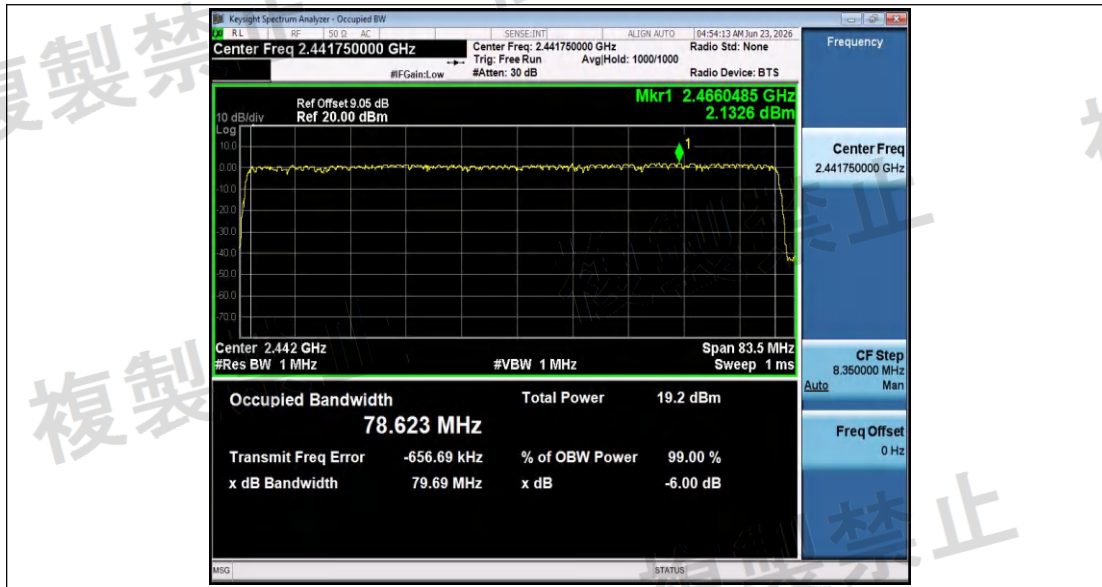
Appendix A.2: Occupied Bandwidth

Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
NTNV	DH1	Ant1	Hop	78.464	≤83.5	PASS
	2DH1	Ant1	Hop	78.597	≤83.5	PASS
	3DH1	Ant1	Hop	78.623	≤83.5	PASS

Test Graphs



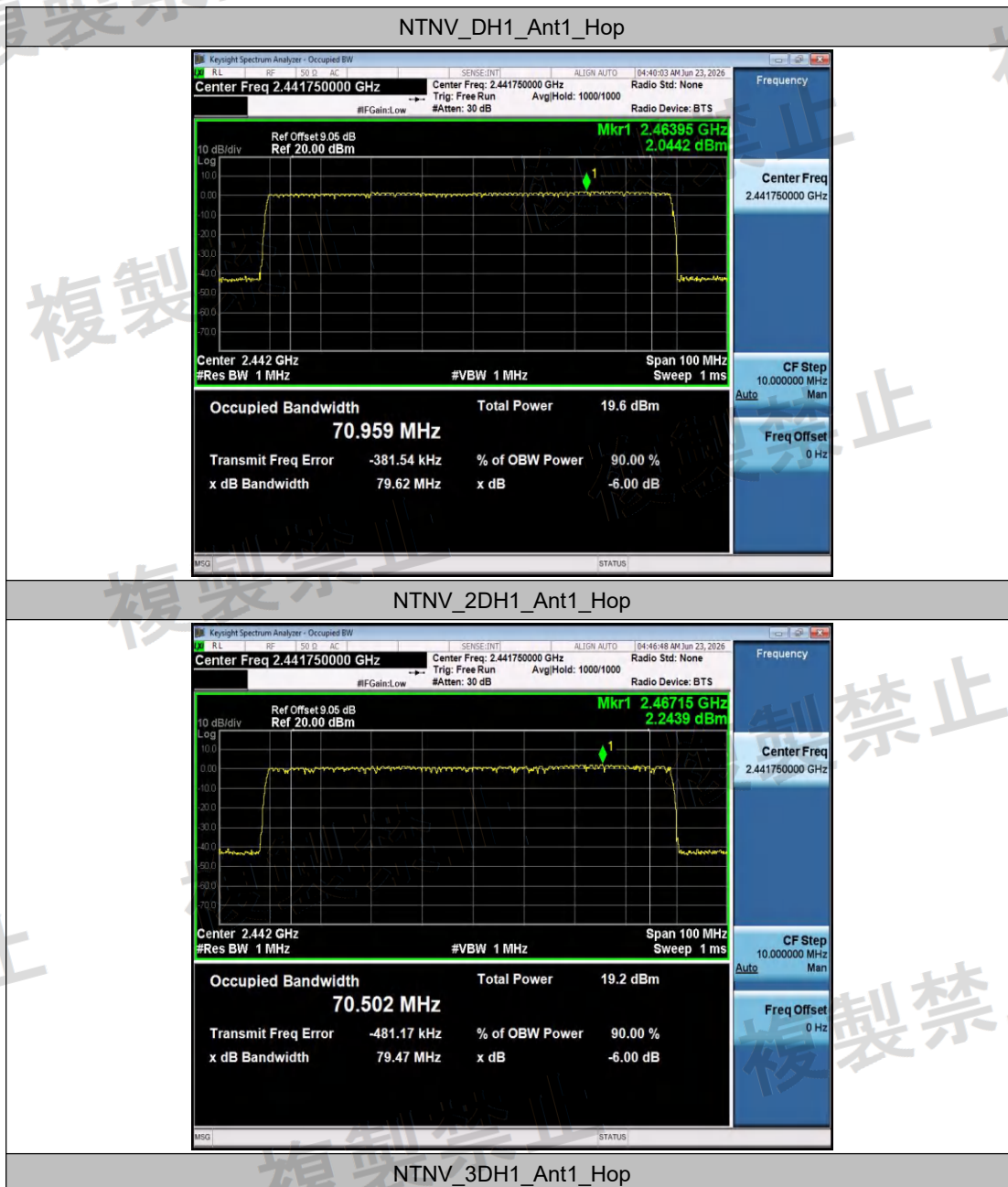


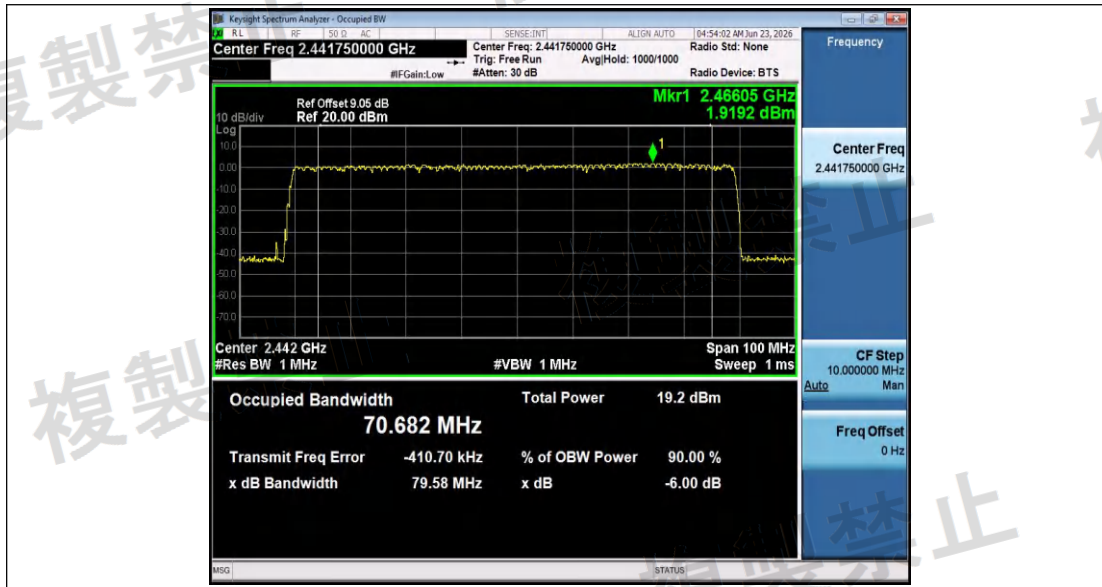
Appendix A.3: Spread Bandwidth

Test Result

Test Condition	Test Mode	Antenna	Frequency[MHz]	Result [MHz]	Verdict
NTNV	DH1	Ant1	Hop	70.959	PASS
	2DH1	Ant1	Hop	70.502	PASS
	3DH1	Ant1	Hop	70.682	PASS

Test Graphs





Appendix A.4: Spurious Emission of TX

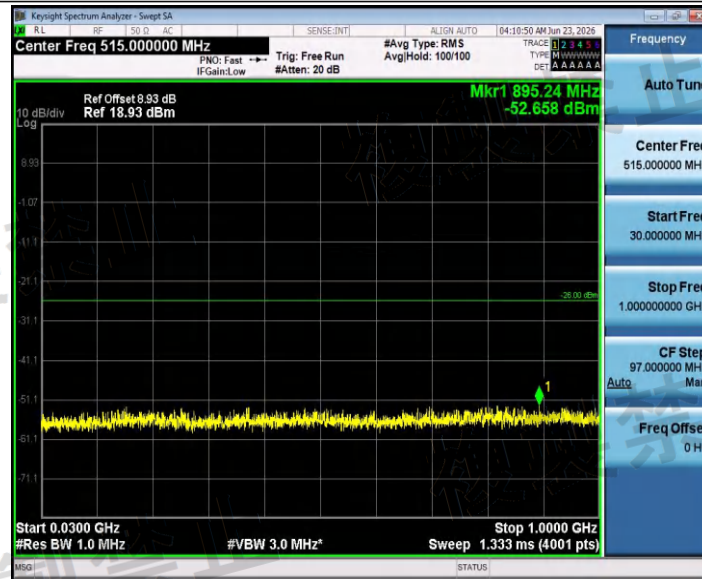
Test Result

TestCondition	TestMode	Antenna	Frequency [MHz]	Freq.Range [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μ W/MHz]	Limit [μ W/MHz]	Verdict
NTNV	DH5	Ant1	2402	30~1000	-52.66	≤ -26	0.00542	≤ 2.5	PASS
				1000~2387	-51.70	≤ -26	0.00676	≤ 2.5	PASS
				2387~2400	-37.64	≤ -16	0.17219	≤ 25	PASS
				2483.5~2496.5	-51.51	≤ -16	0.00706	≤ 25	PASS
				2496.5~13000	-41.45	≤ -26	0.07161	≤ 2.5	PASS
			2441	30~1000	-52.07	≤ -26	0.00621	≤ 2.5	PASS
				1000~2387	-50.83	≤ -26	0.00826	≤ 2.5	PASS
				2387~2400	-51.96	≤ -16	0.00637	≤ 25	PASS
				2483.5~2496.5	-51.74	≤ -16	0.00670	≤ 25	PASS
				2496.5~13000	-39.53	≤ -26	0.11143	≤ 2.5	PASS
			2480	30~1000	-52.02	≤ -26	0.00628	≤ 2.5	PASS
				1000~2387	-50.31	≤ -26	0.00931	≤ 2.5	PASS
				2387~2400	-51.98	≤ -16	0.00634	≤ 25	PASS
				2483.5~2496.5	-47.45	≤ -16	0.01799	≤ 25	PASS
				2496.5~13000	-36.66	≤ -26	0.21577	≤ 2.5	PASS
	2DH5	Ant1	2402	30~1000	-51.86	≤ -26	0.00652	≤ 2.5	PASS
				1000~2387	-50.84	≤ -26	0.00824	≤ 2.5	PASS
				2387~2400	-36.18	≤ -16	0.24099	≤ 25	PASS
				2483.5~2496.5	-51.07	≤ -16	0.00782	≤ 25	PASS
				2496.5~13000	-42.90	≤ -26	0.05129	≤ 2.5	PASS
			2441	30~1000	-52.27	≤ -26	0.00593	≤ 2.5	PASS
				1000~2387	-51.26	≤ -26	0.00748	≤ 2.5	PASS
				2387~2400	-51.94	≤ -16	0.00640	≤ 25	PASS
				2483.5~2496.5	-50.99	≤ -16	0.00796	≤ 25	PASS
				2496.5~13000	-40.33	≤ -26	0.09268	≤ 2.5	PASS

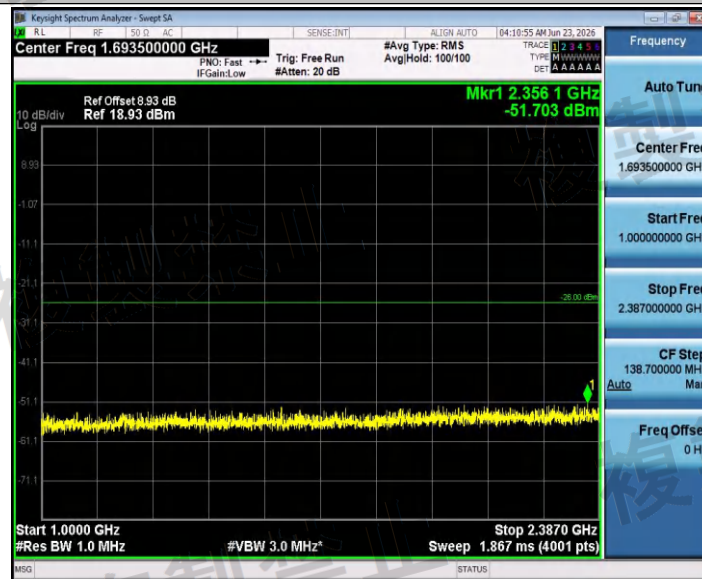
	3DH5	Ant1	2480	30~1000	-51.51	≤-26	0.00706	≤2.5	PASS
				1000~2387	-49.99	≤-26	0.01002	≤2.5	PASS
				2387~2400	-52.45	≤-16	0.00569	≤25	PASS
				2483.5~2496.5	-43.73	≤-16	0.04236	≤25	PASS
				2496.5~13000	-37.09	≤-26	0.19543	≤2.5	PASS
			2402	30~1000	-52.33	≤-26	0.00585	≤2.5	PASS
				1000~2387	-51.43	≤-26	0.00719	≤2.5	PASS
				2387~2400	-34.85	≤-16	0.32734	≤25	PASS
				2483.5~2496.5	-51.63	≤-16	0.00687	≤25	PASS
				2496.5~13000	-43.23	≤-26	0.04753	≤2.5	PASS
	3DH5	Ant1	2441	30~1000	-51.72	≤-26	0.00673	≤2.5	PASS
				1000~2387	-50.60	≤-26	0.00871	≤2.5	PASS
				2387~2400	-51.95	≤-16	0.00638	≤25	PASS
				2483.5~2496.5	-51.57	≤-16	0.00697	≤25	PASS
				2496.5~13000	-39.93	≤-26	0.10162	≤2.5	PASS
			2480	30~1000	-52.16	≤-26	0.00608	≤2.5	PASS
				1000~2387	-50.67	≤-26	0.00857	≤2.5	PASS
				2387~2400	-51.41	≤-16	0.00723	≤25	PASS
				2483.5~2496.5	-40.51	≤-16	0.08892	≤25	PASS
				2496.5~13000	-37.39	≤-26	0.18239	≤2.5	PASS

Test Graphs

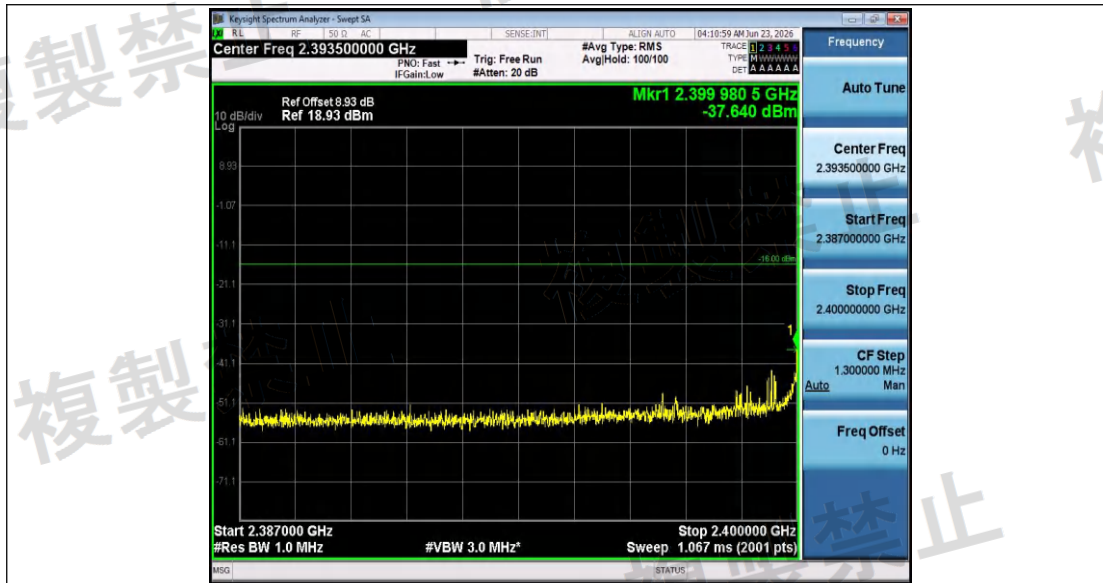
NTNV_DH5_Ant1_2402_30~1000



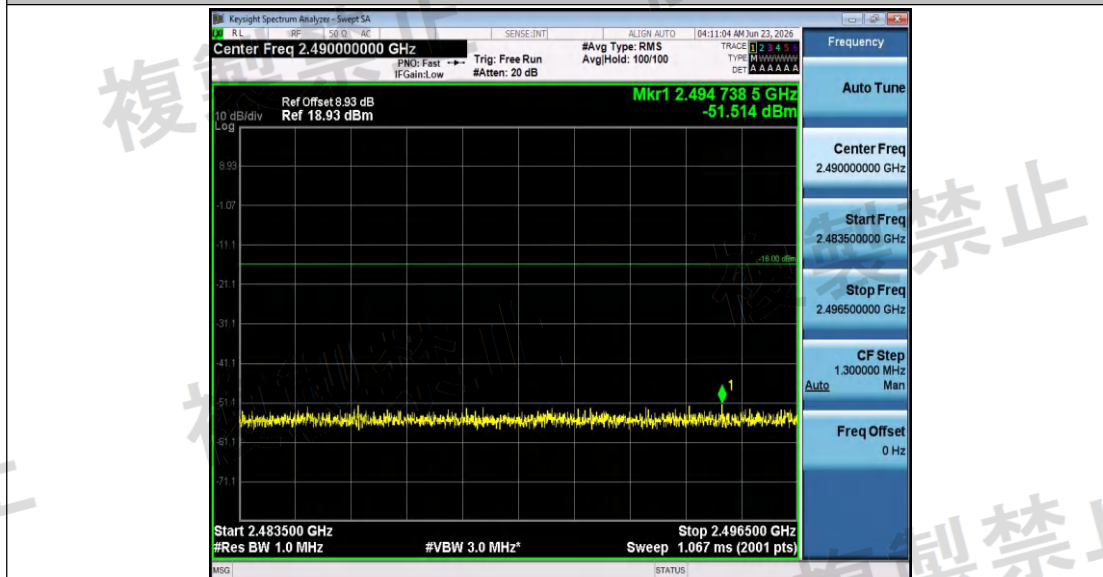
NTNV_DH5_Ant1_2402_1000~2387



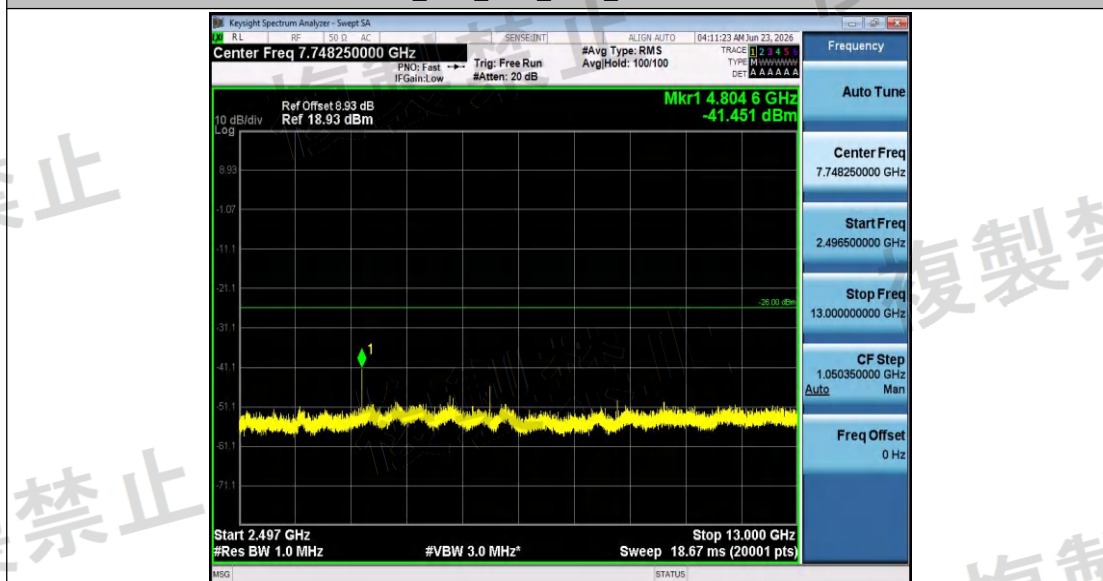
NTNV_DH5_Ant1_2402_2387~2400

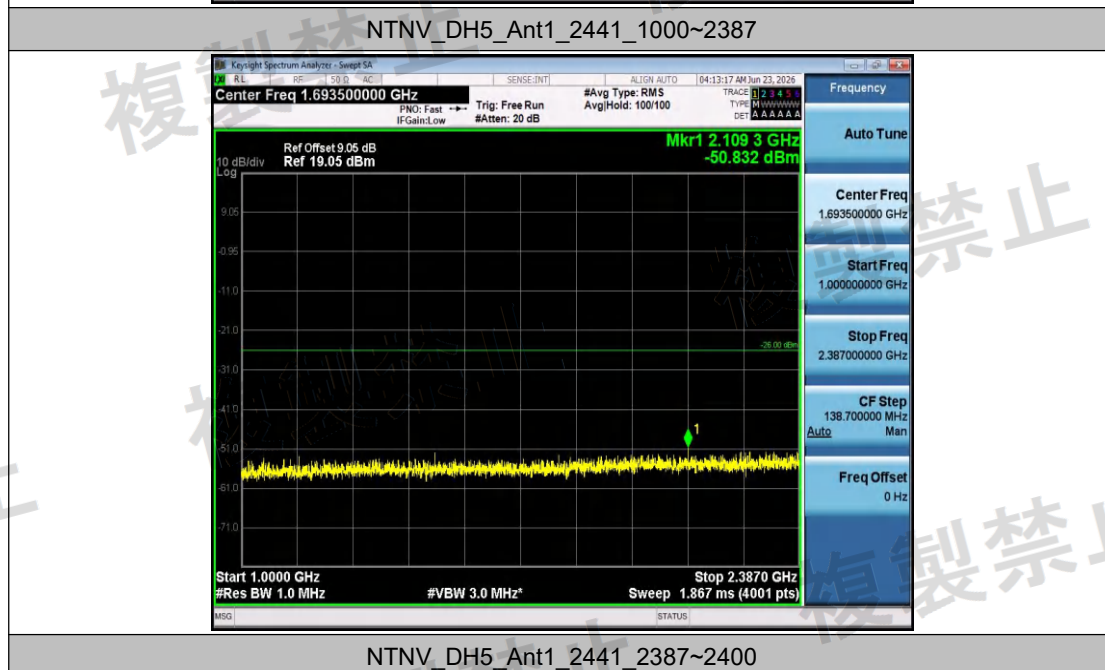
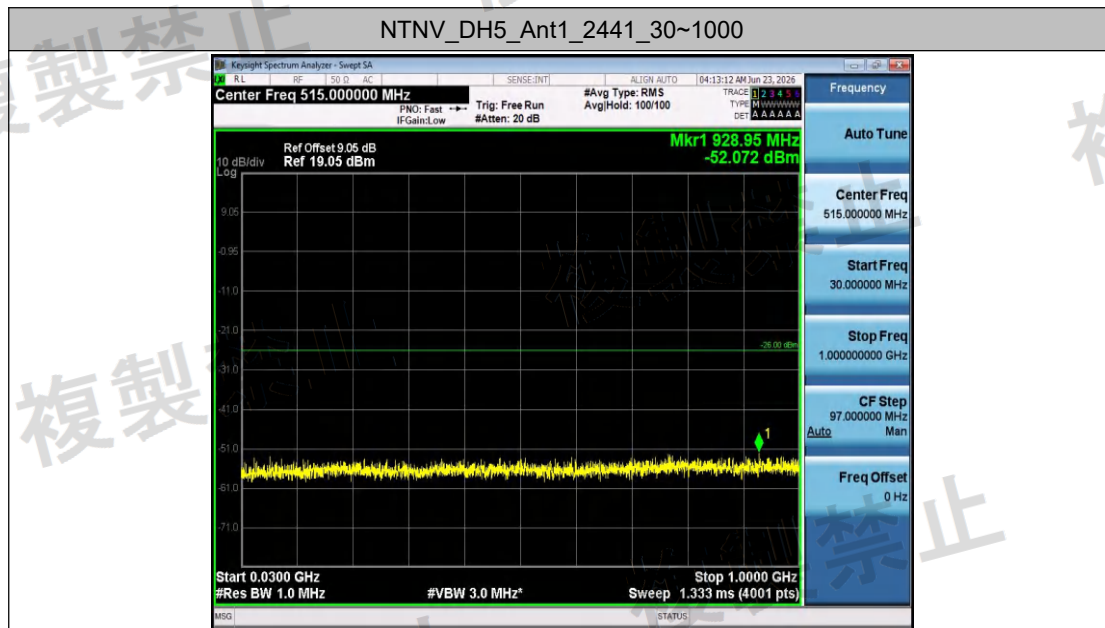


NTNV_DH5_Ant1_2402_2483.5~2496.5

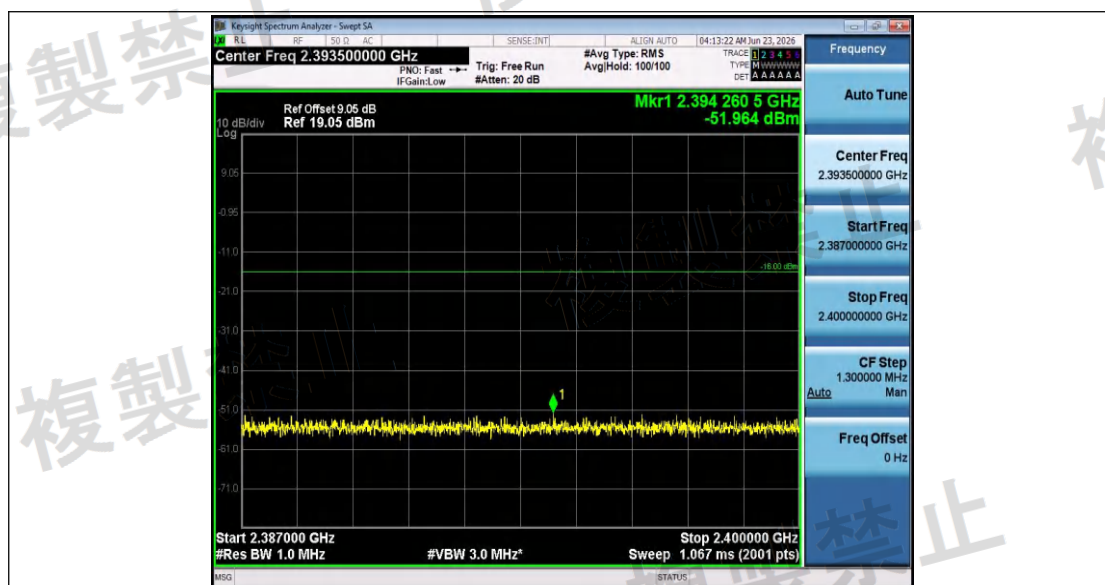


NTNV_DH5_Ant1_2402_2496.5~13000

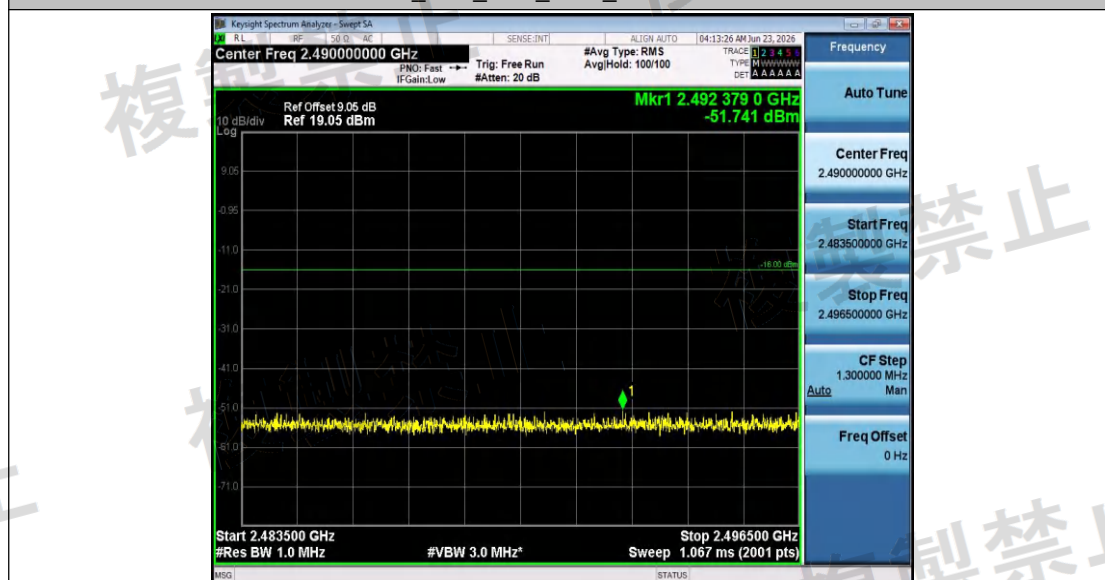




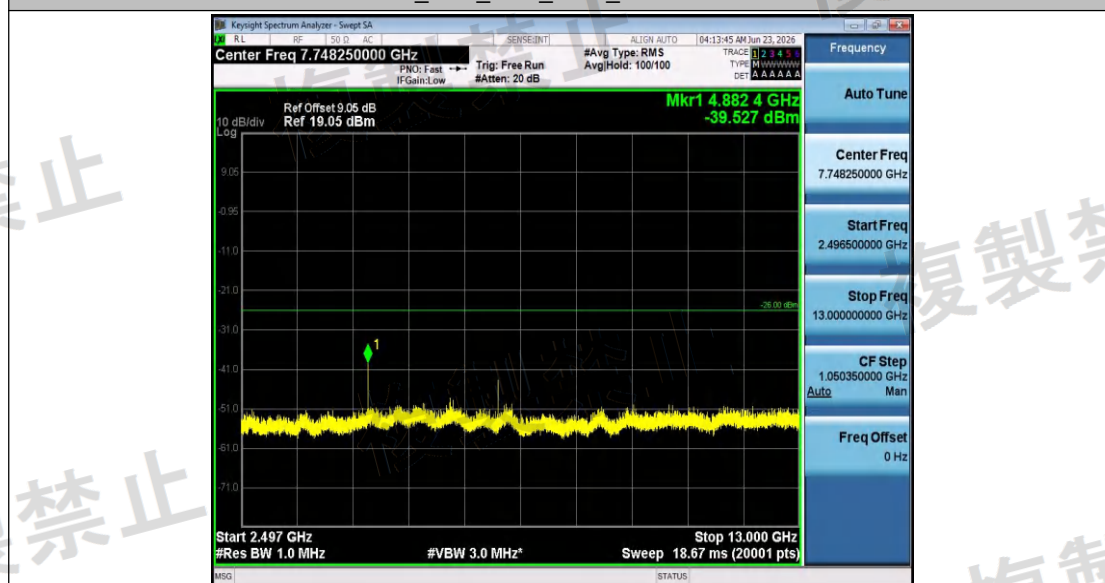
NTNV_DH5_Ant1_2441_2387~2400

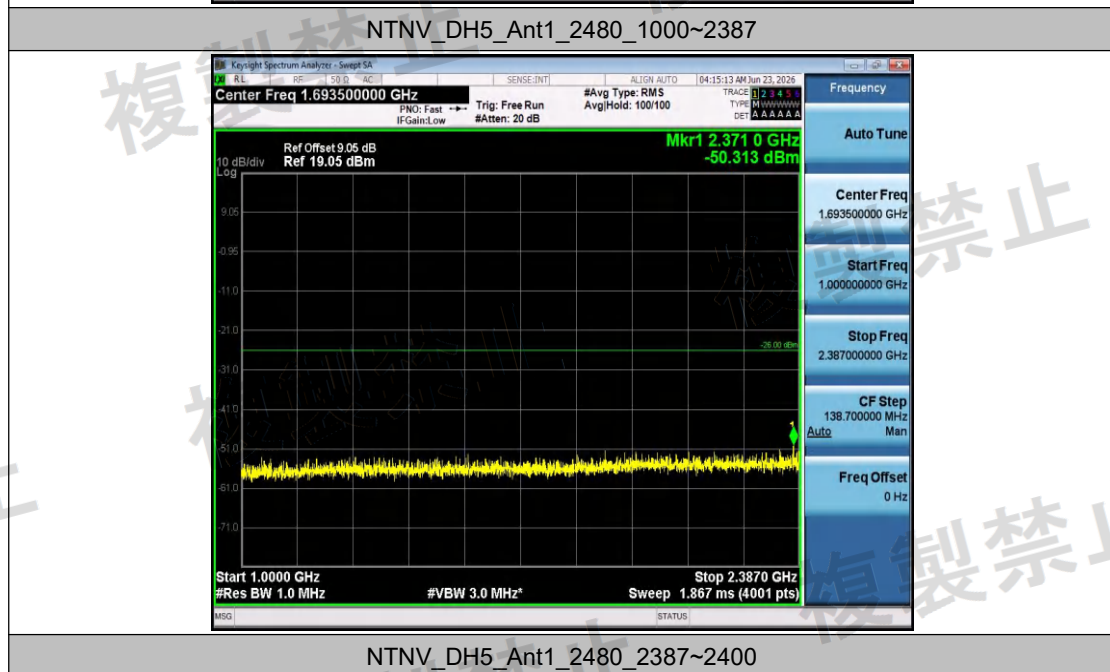
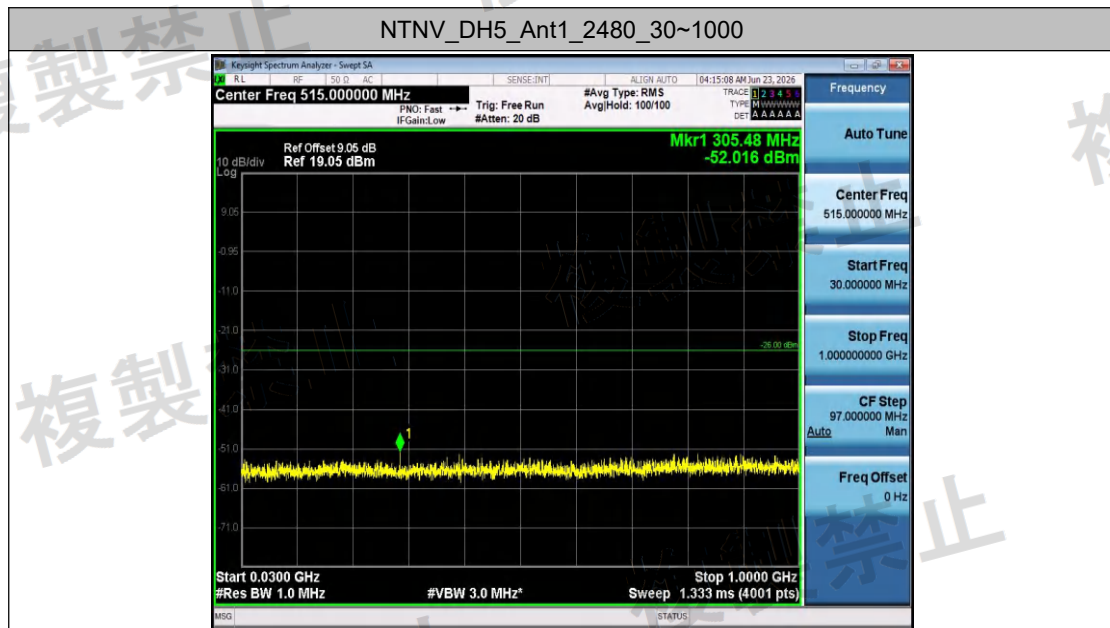


NTNV_DH5_Ant1_2441_2483.5~2496.5

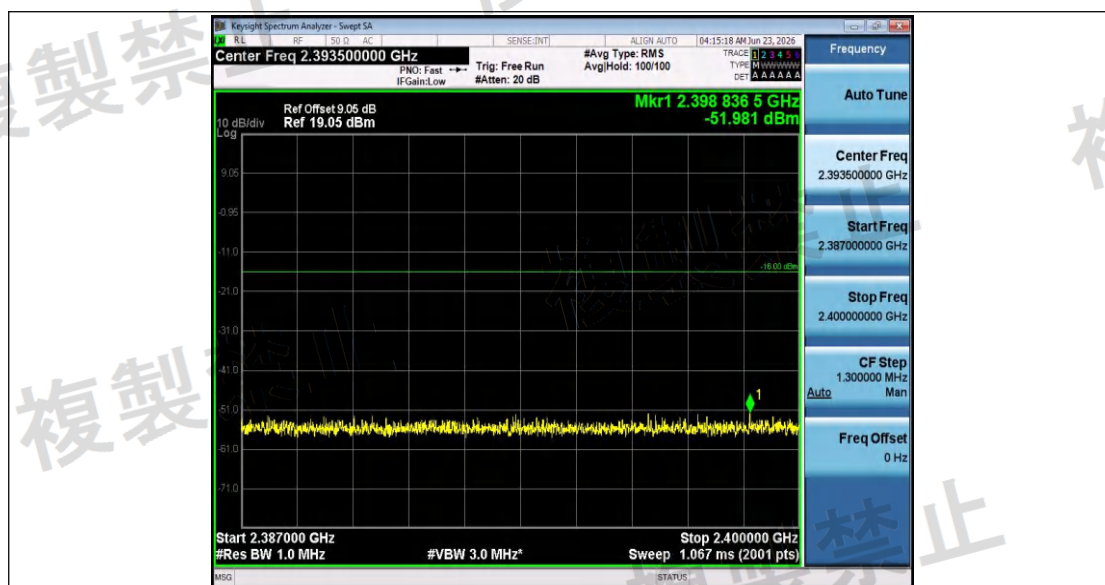


NTNV_DH5_Ant1_2441_2496.5~13000

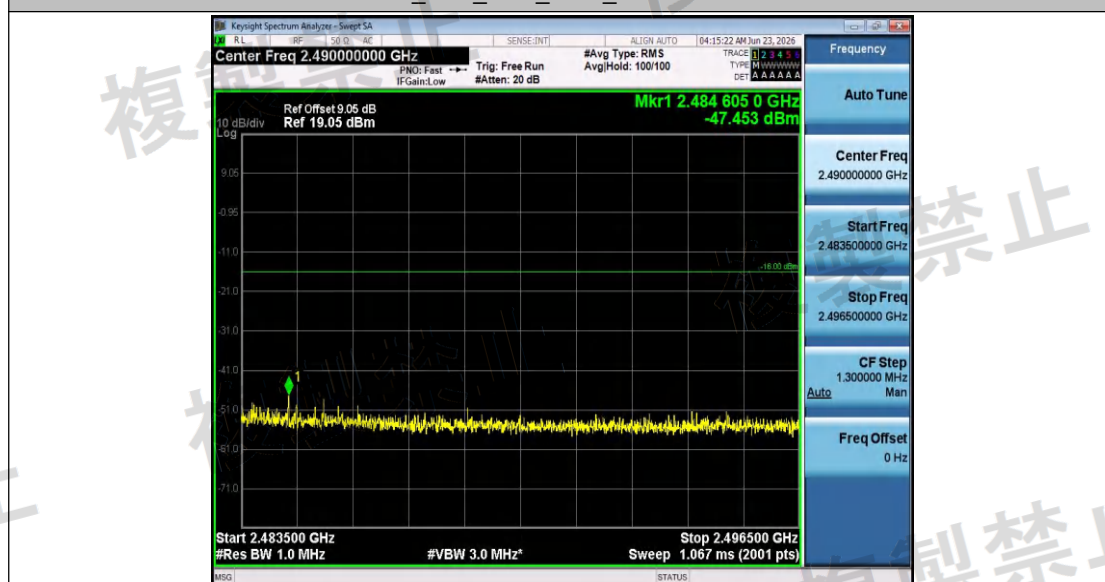




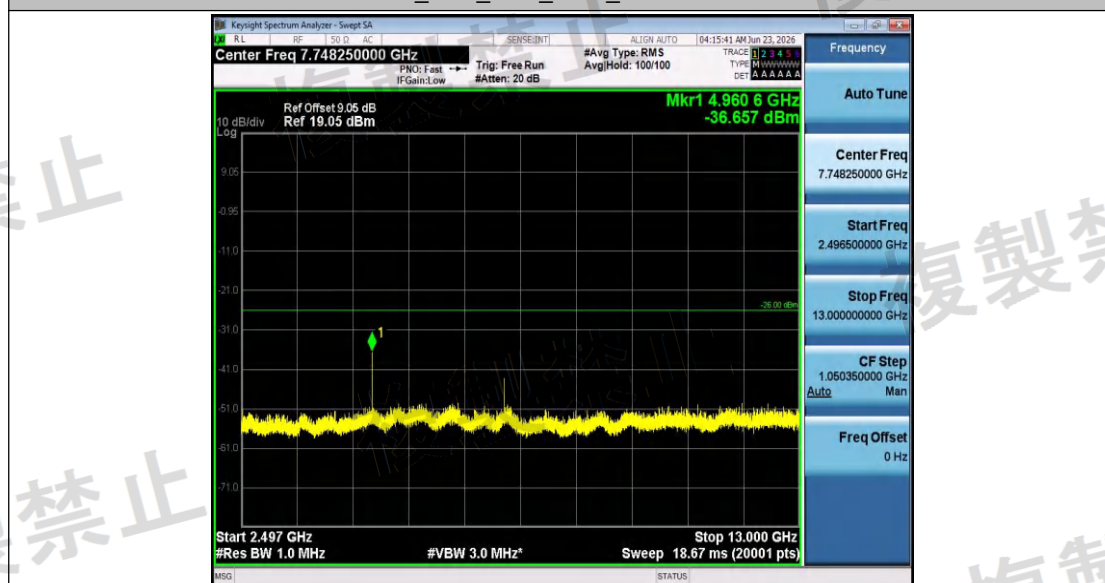
NTNV_DH5_Ant1_2480_2387~2400

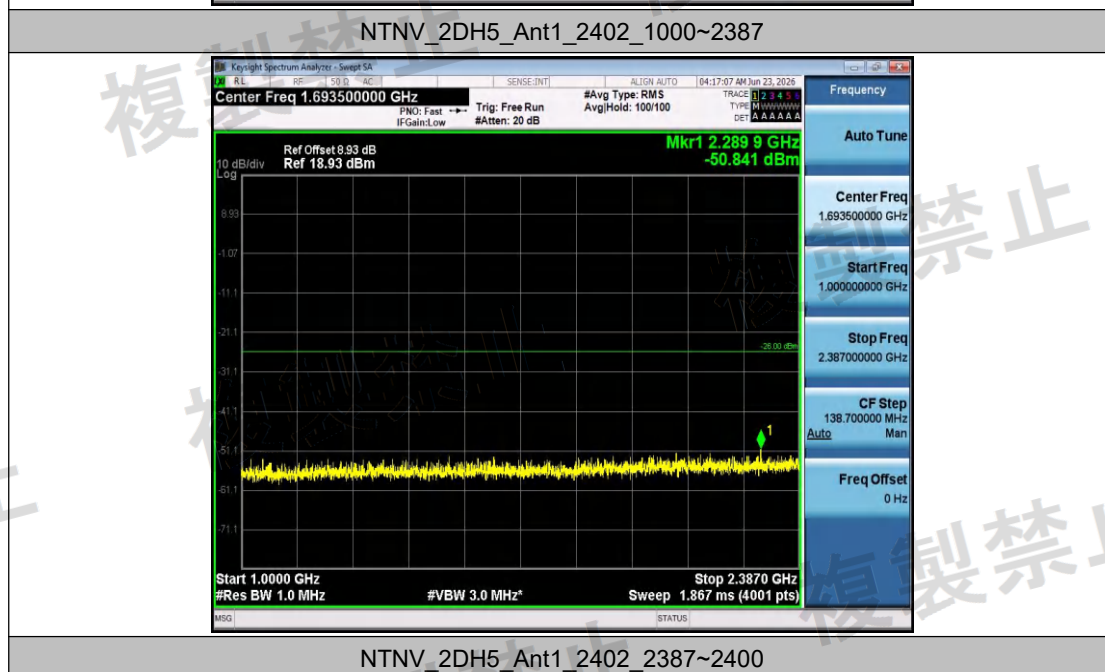
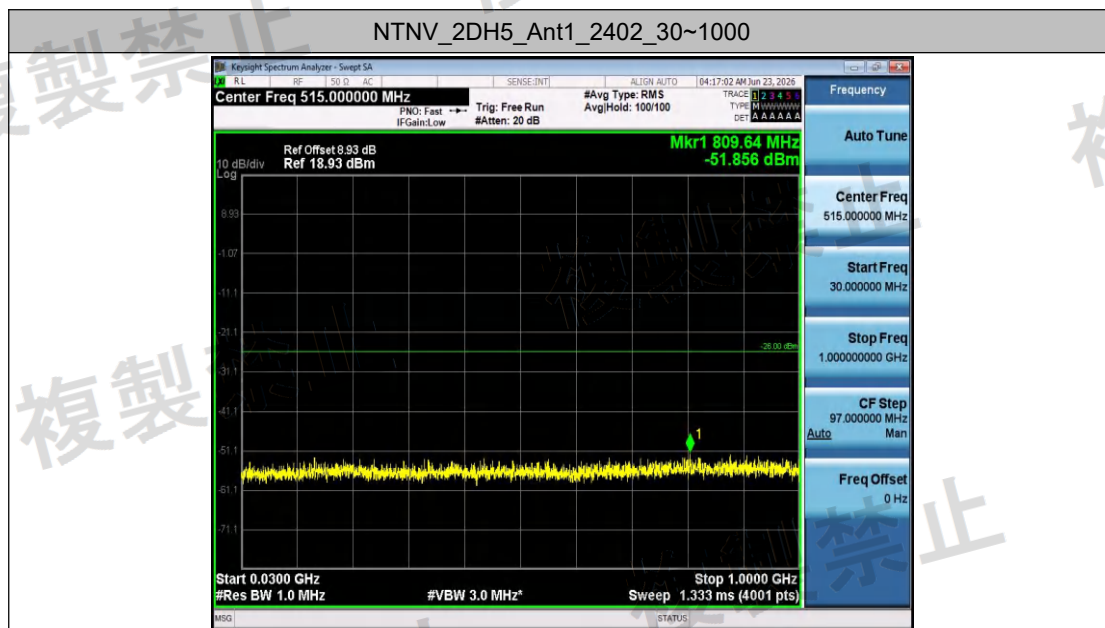


NTNV_DH5_Ant1_2480_2483.5~2496.5

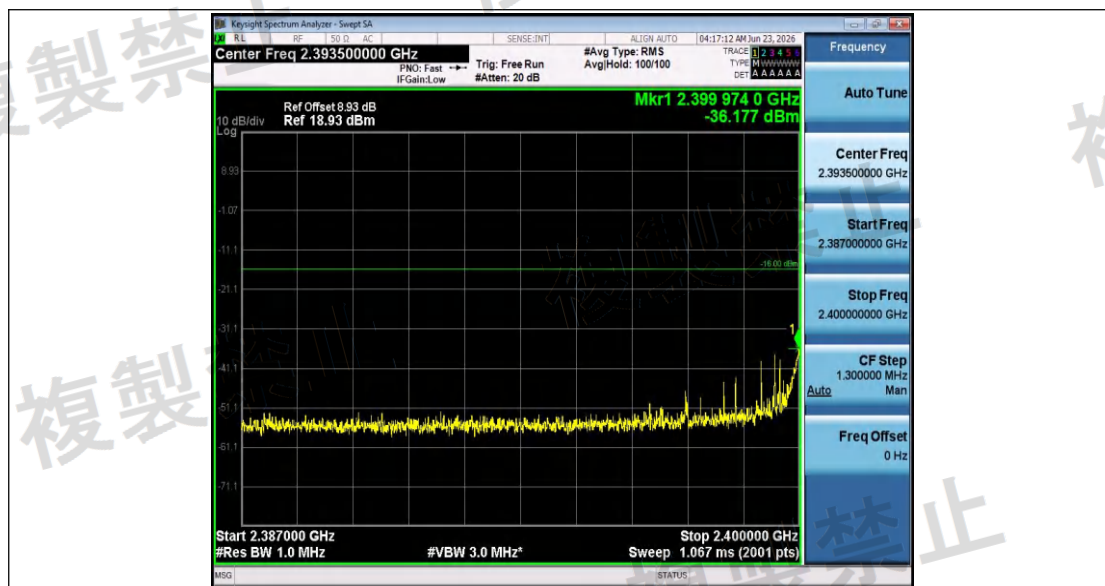


NTNV_DH5_Ant1_2480_2496.5~13000

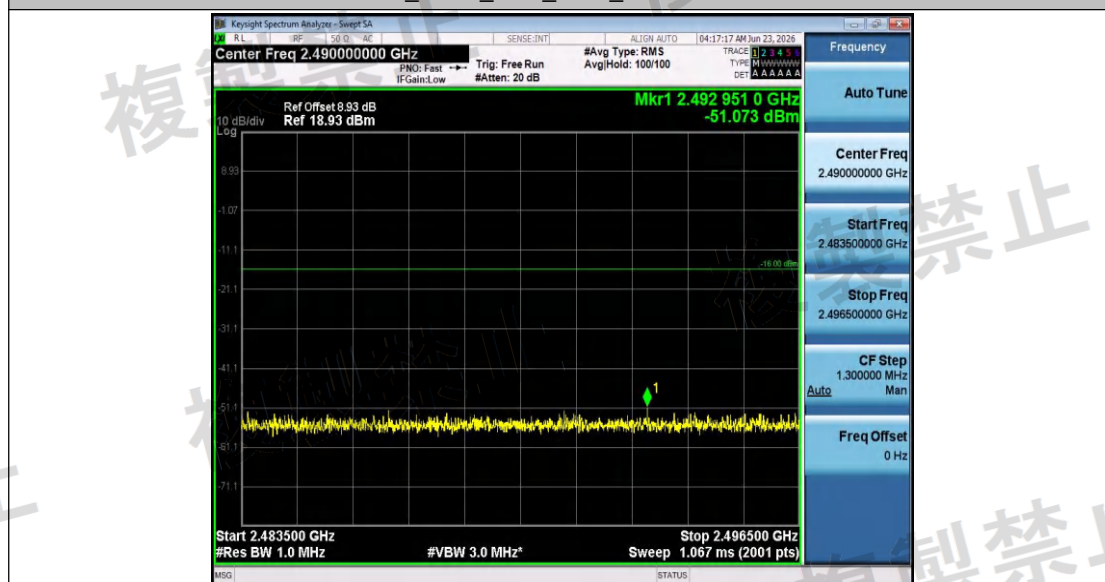




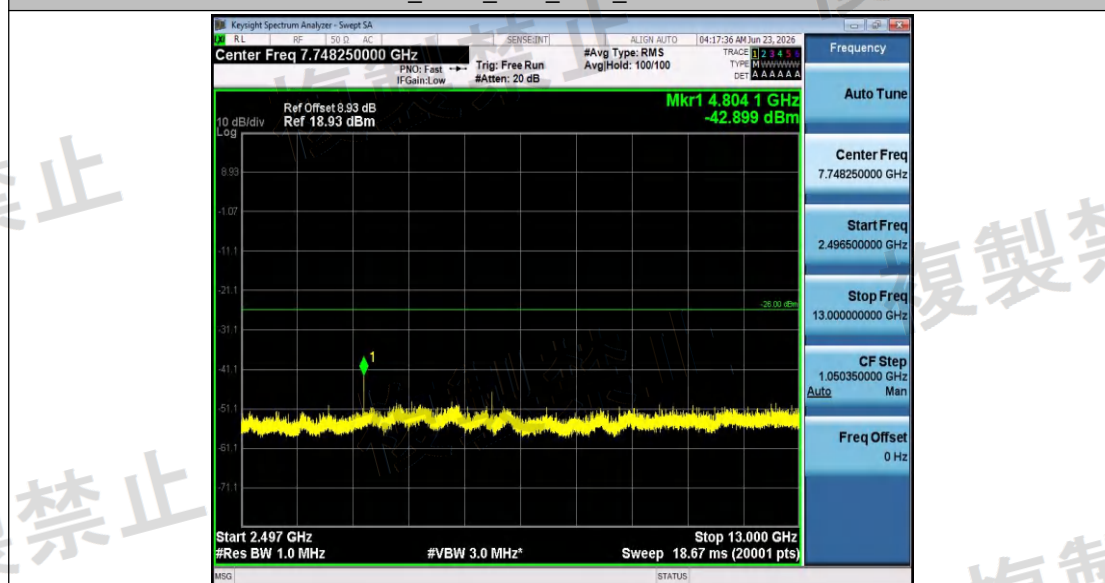
NTNV_2DH5_Ant1_2402_2387~2400

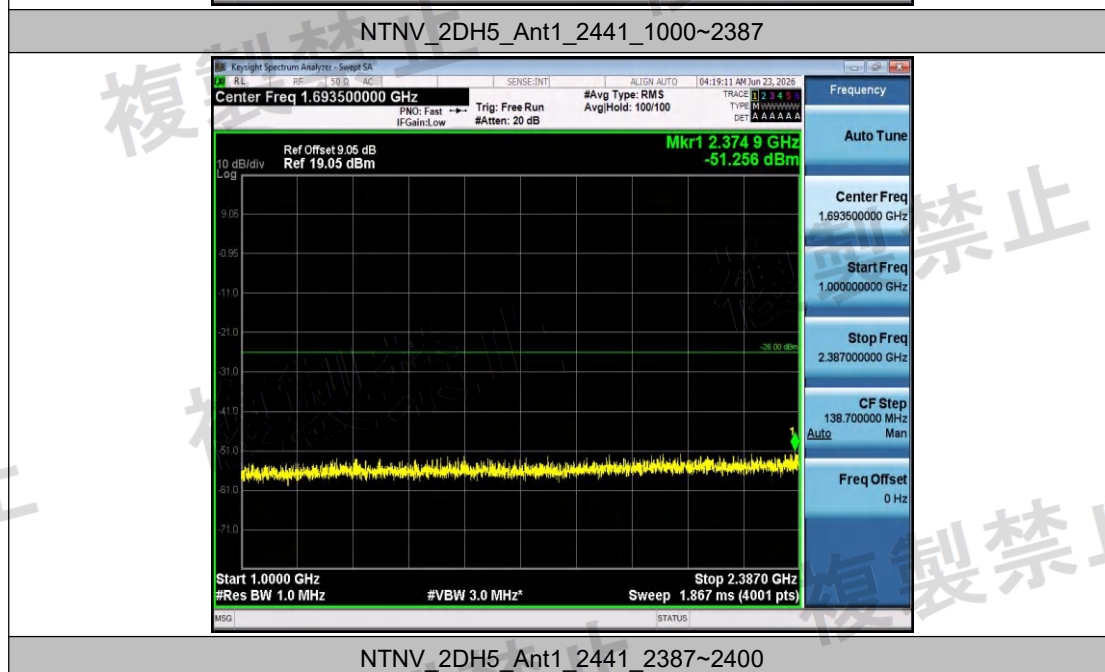
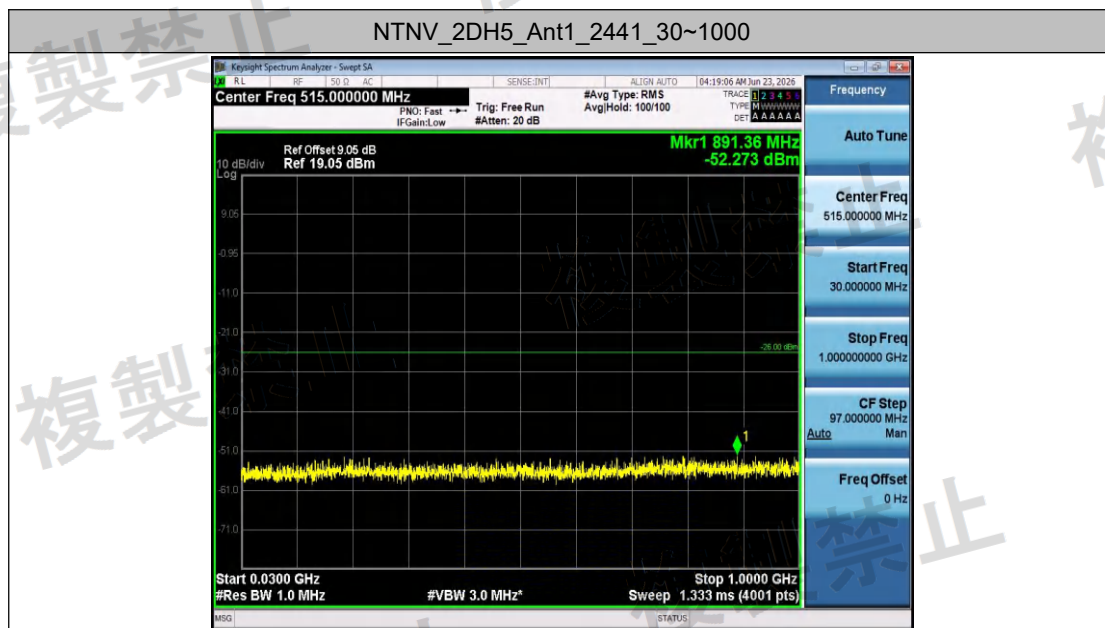


NTNV_2DH5_Ant1_2402_2483.5~2496.5

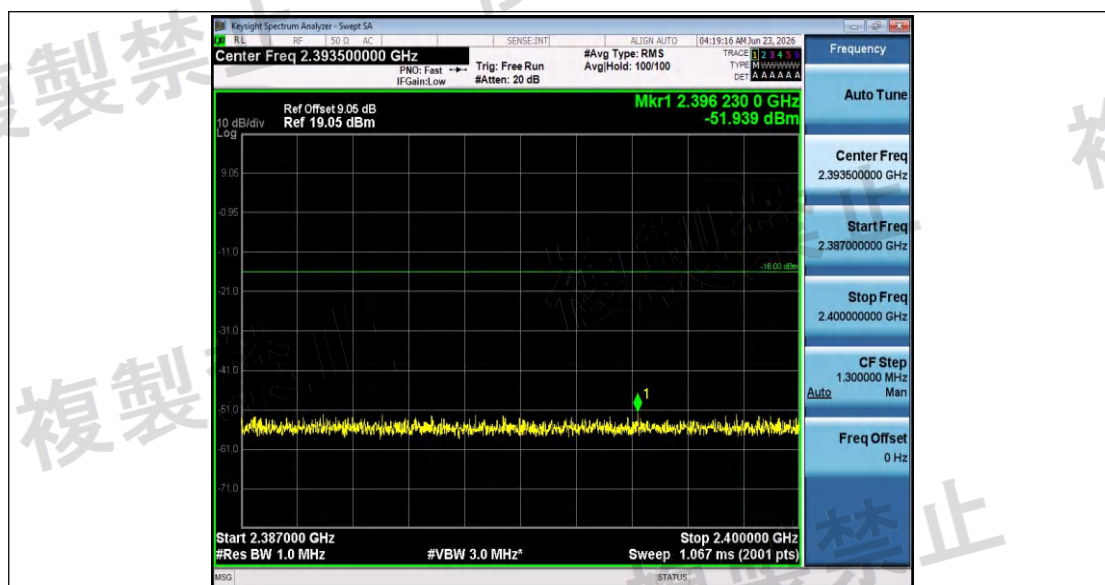


NTNV_2DH5_Ant1_2402_2496.5~13000

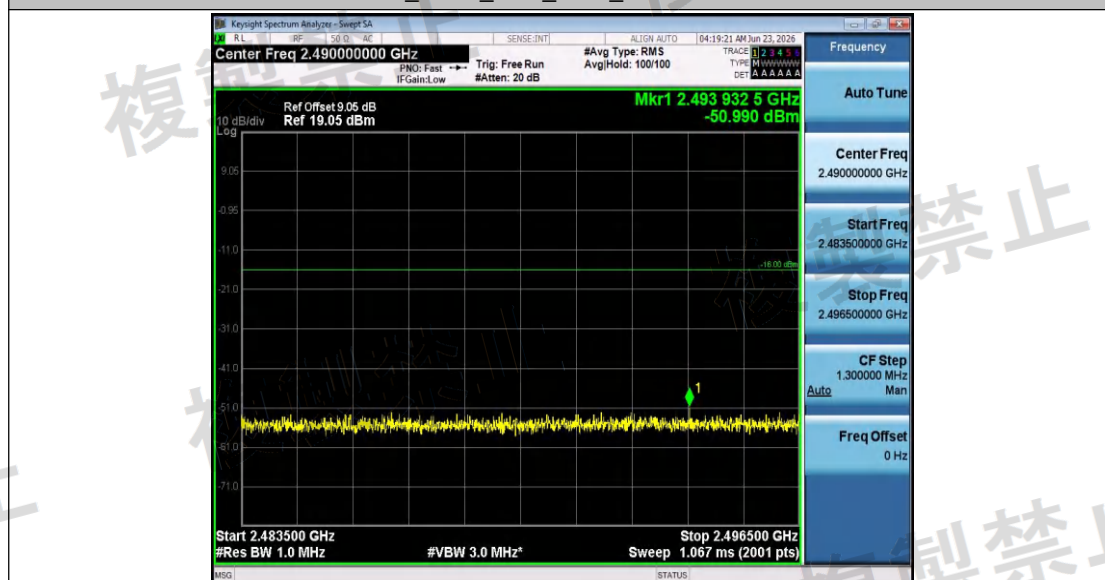




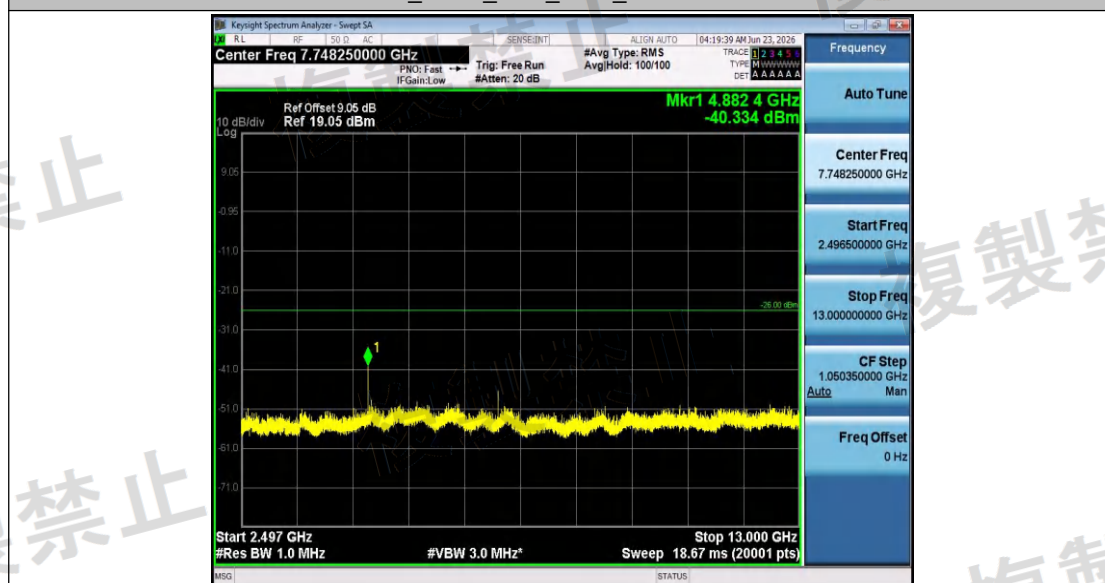
NTNV_2DH5_Ant1_2441_2387~2400

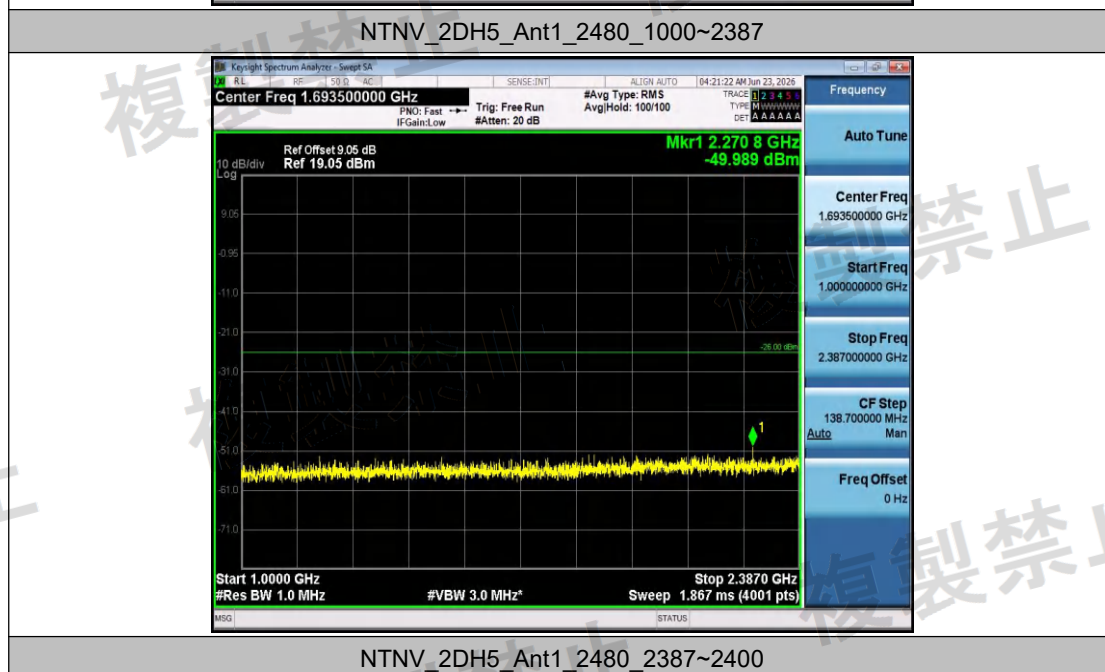
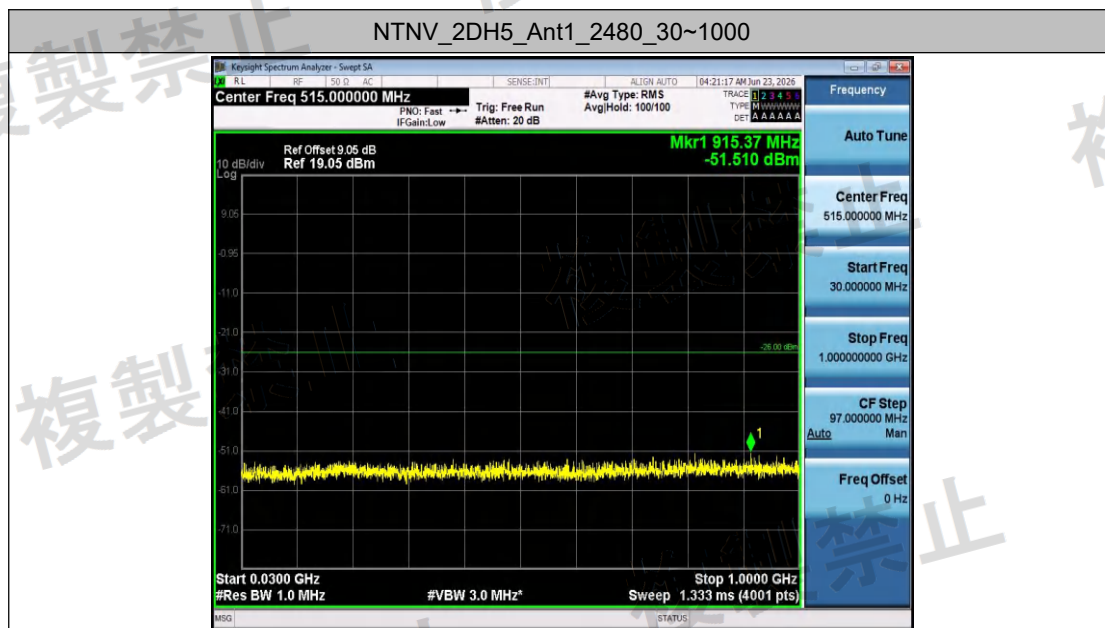


NTNV_2DH5_Ant1_2441_2483.5~2496.5

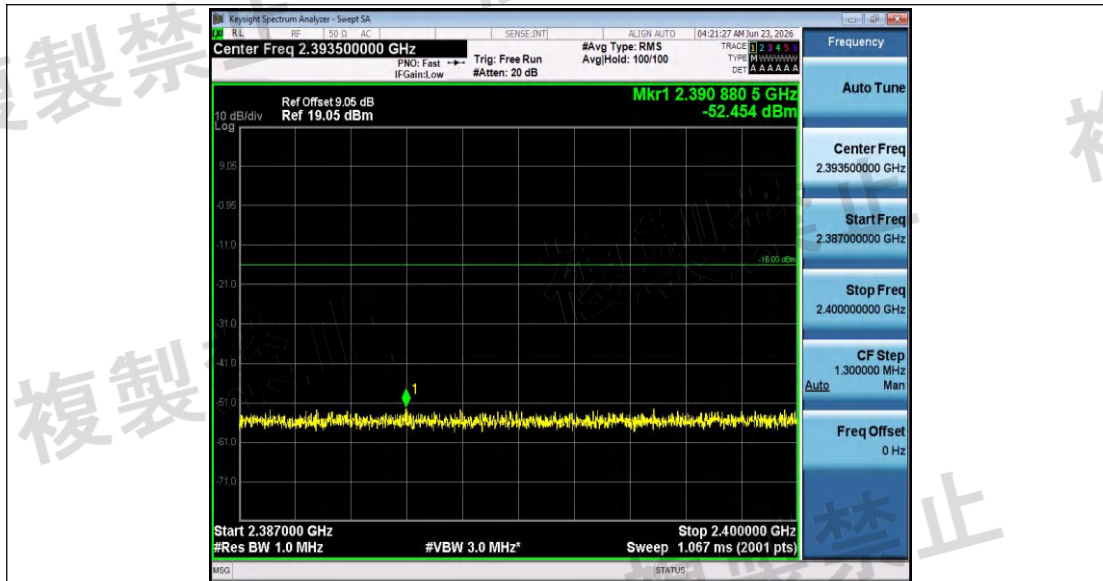


NTNV_2DH5_Ant1_2441_2496.5~13000

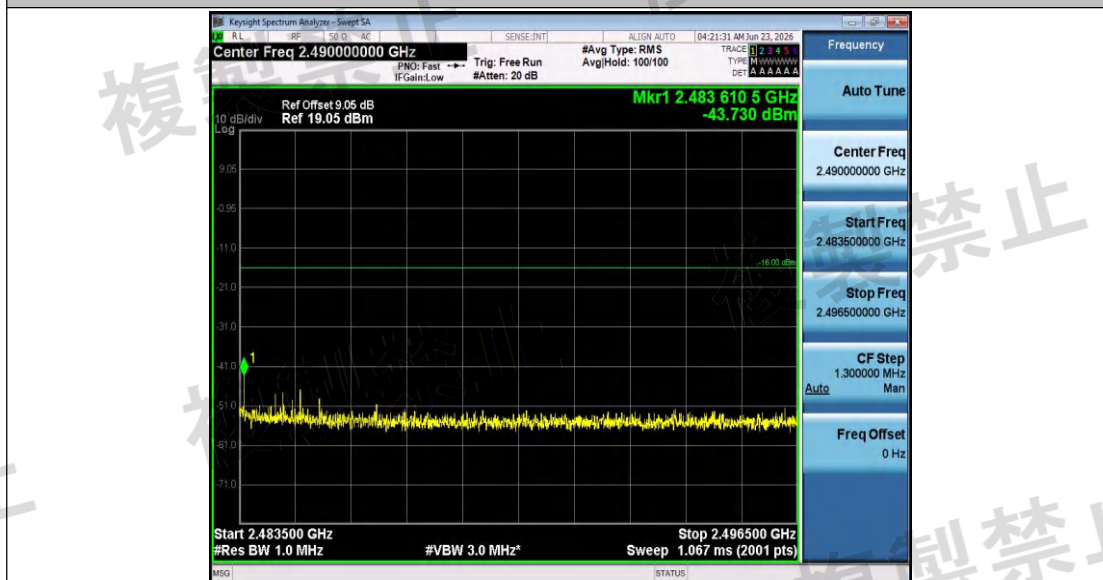




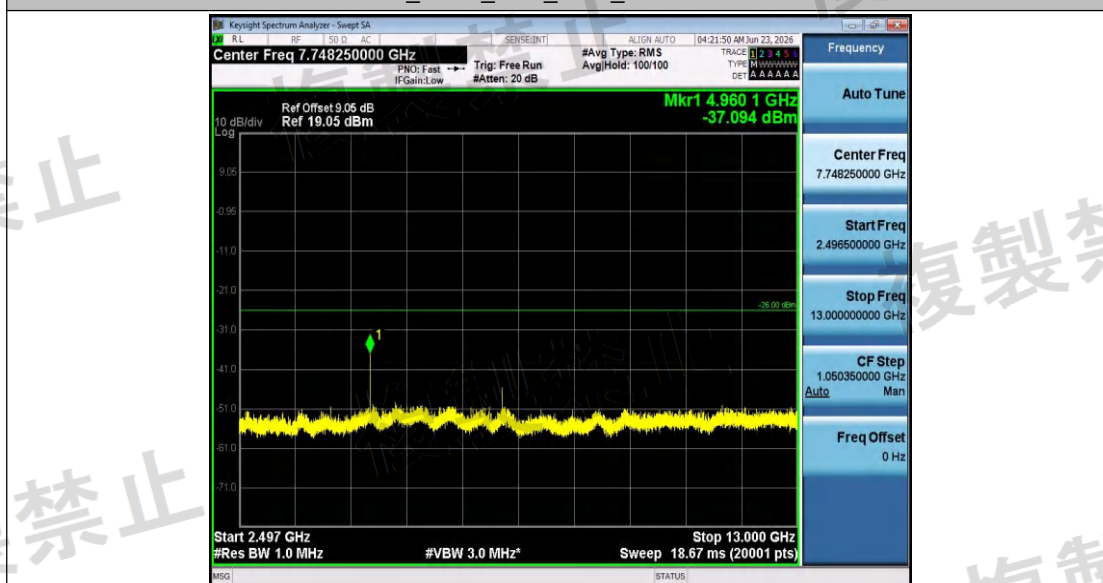
NTNV_2DH5_Ant1_2480_2387~2400

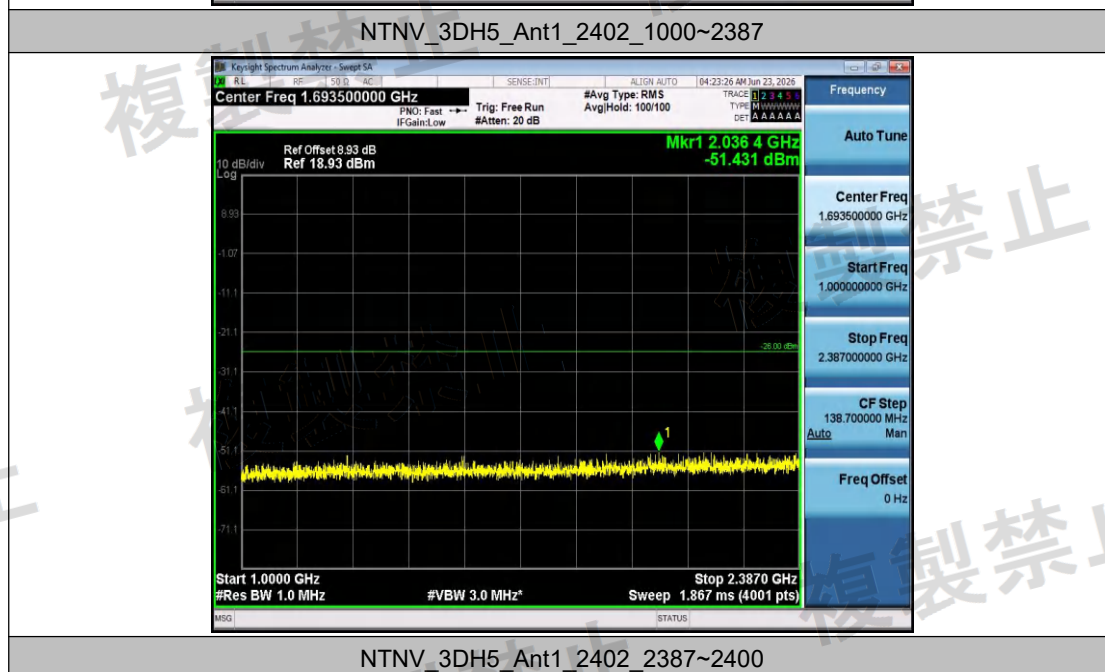
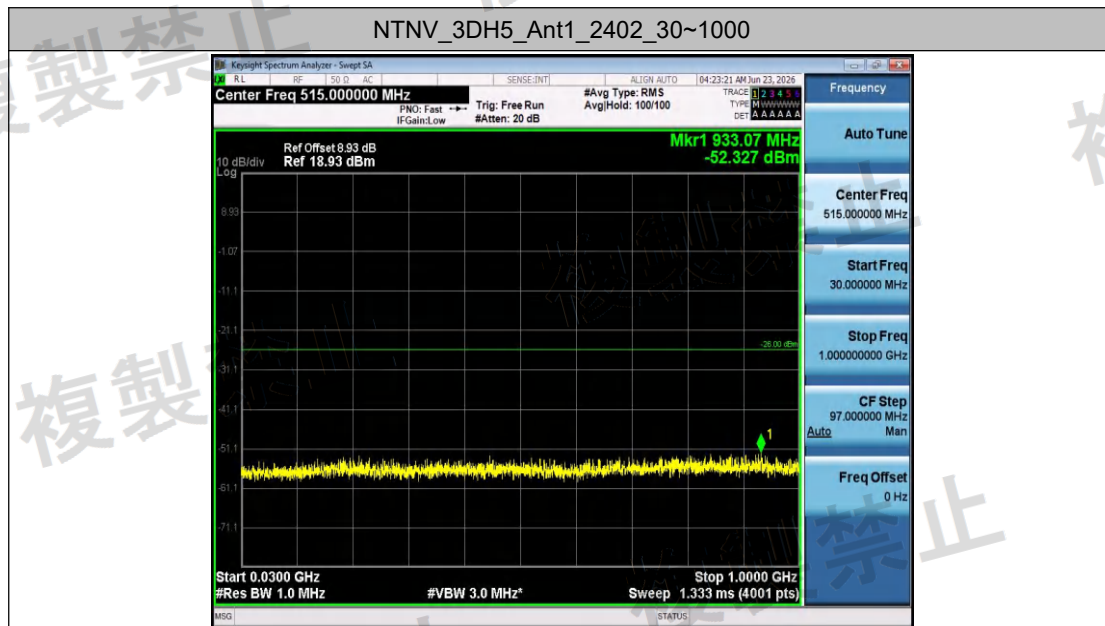


NTNV_2DH5_Ant1_2480_2483.5~2496.5

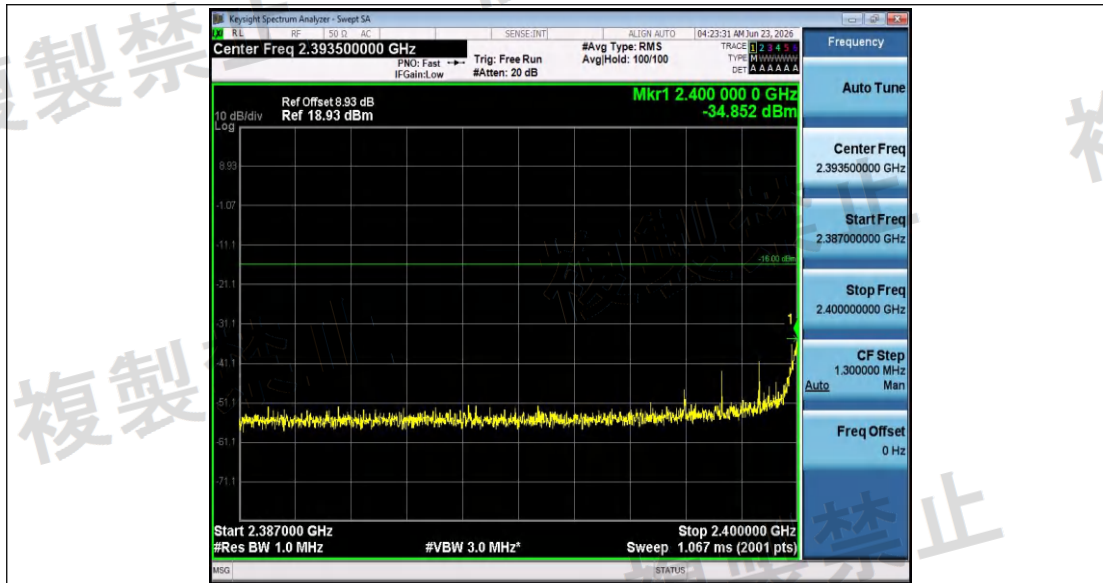


NTNV_2DH5_Ant1_2480_2496.5~13000

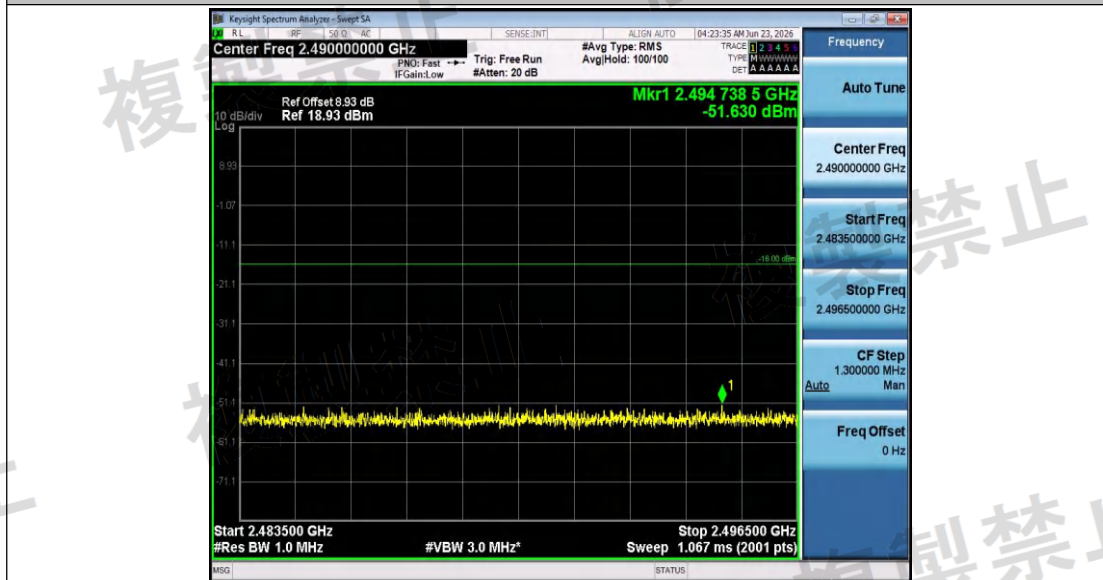




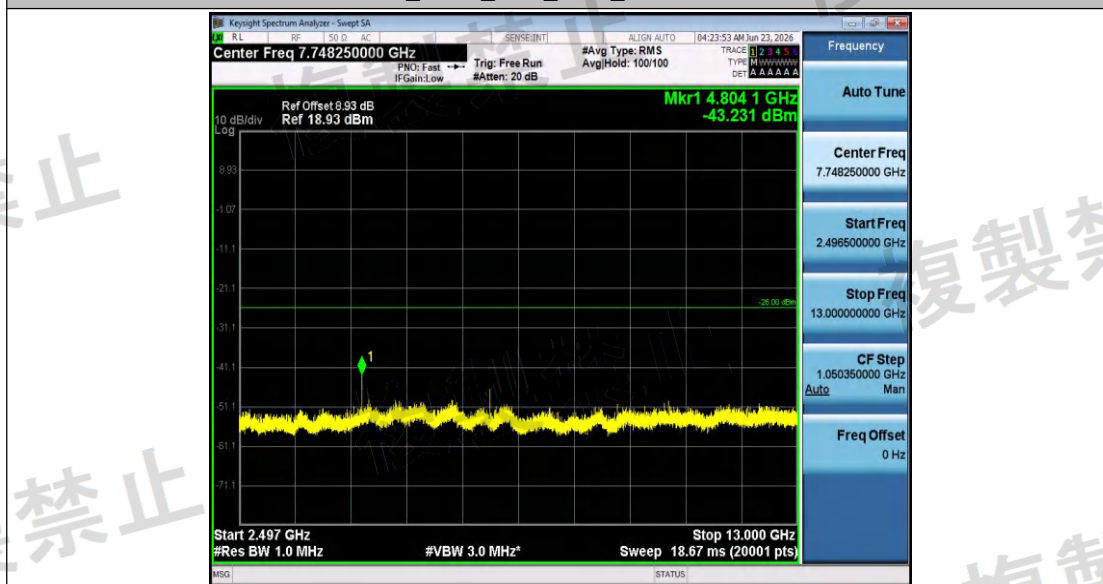
NTNV_3DH5_Ant1_2402_2387~2400

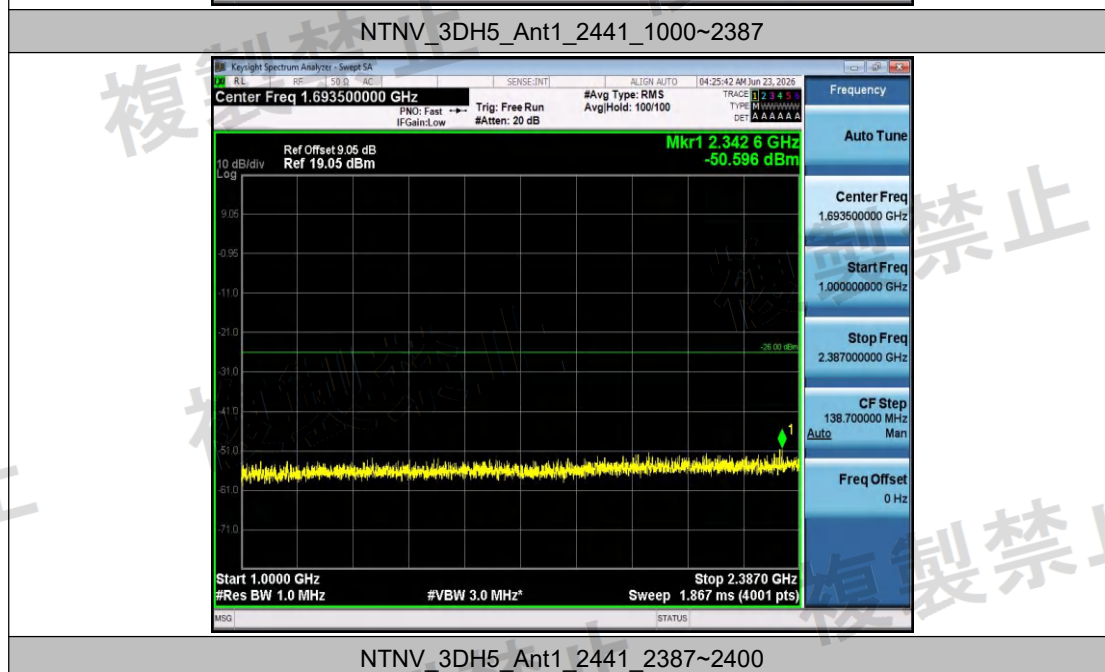
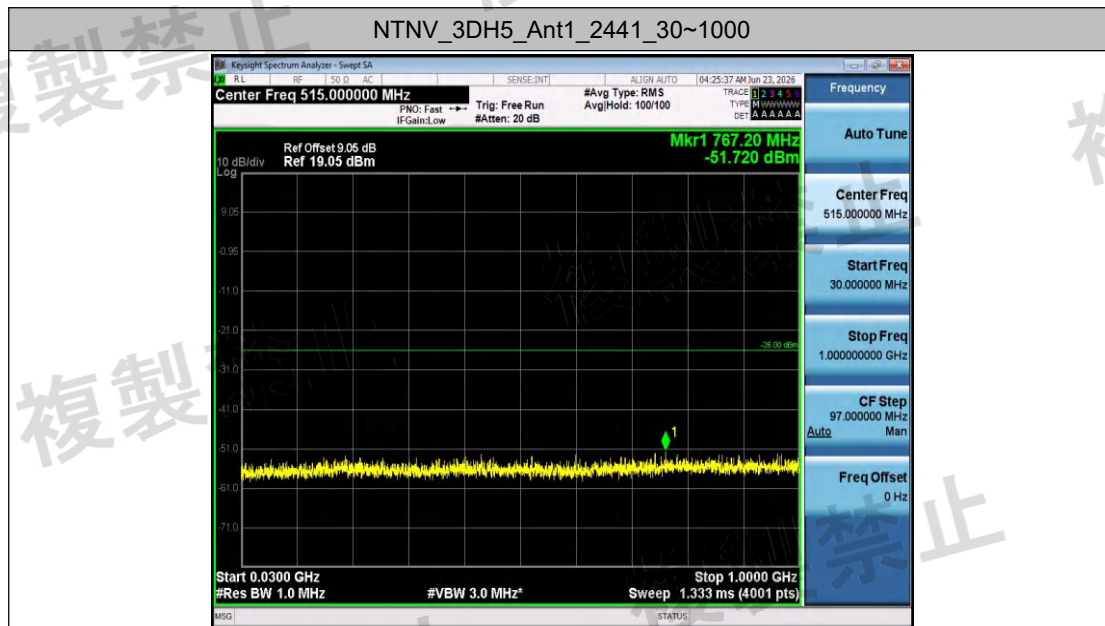


NTNV_3DH5_Ant1_2402_2483.5~2496.5

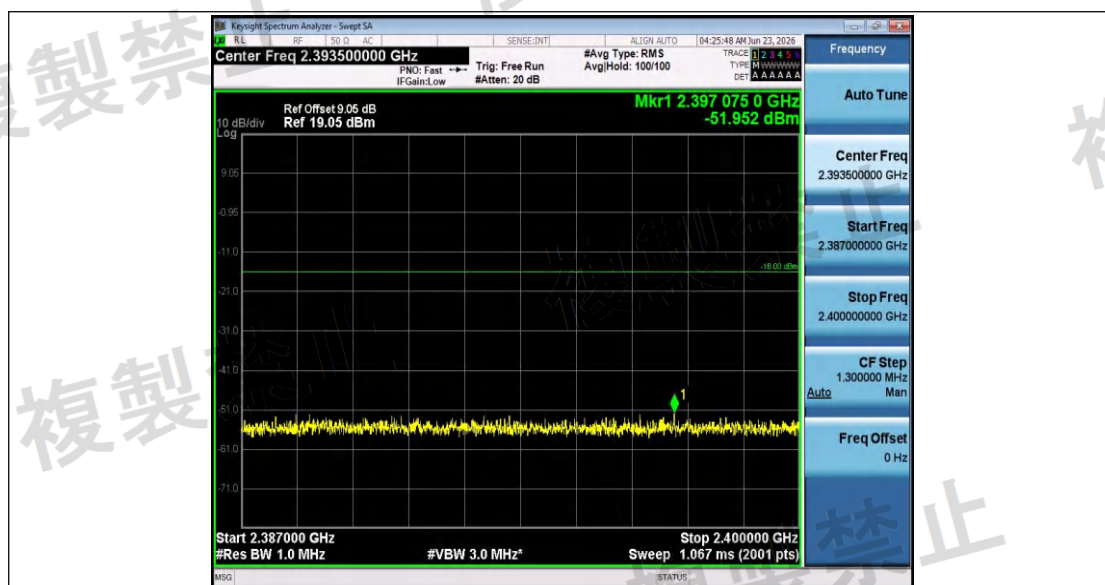


NTNV_3DH5_Ant1_2402_2496.5~13000

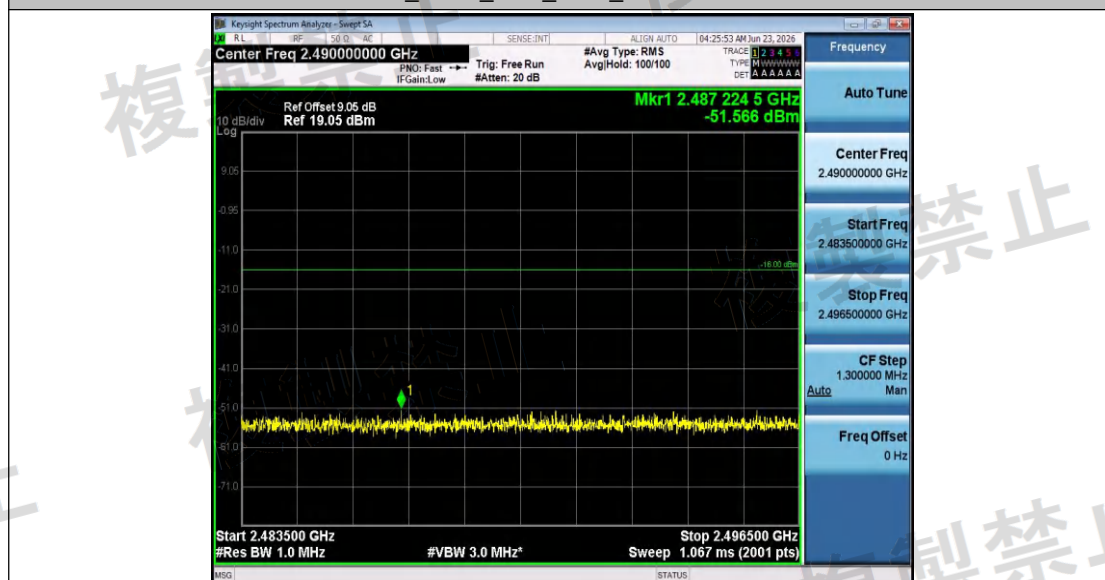




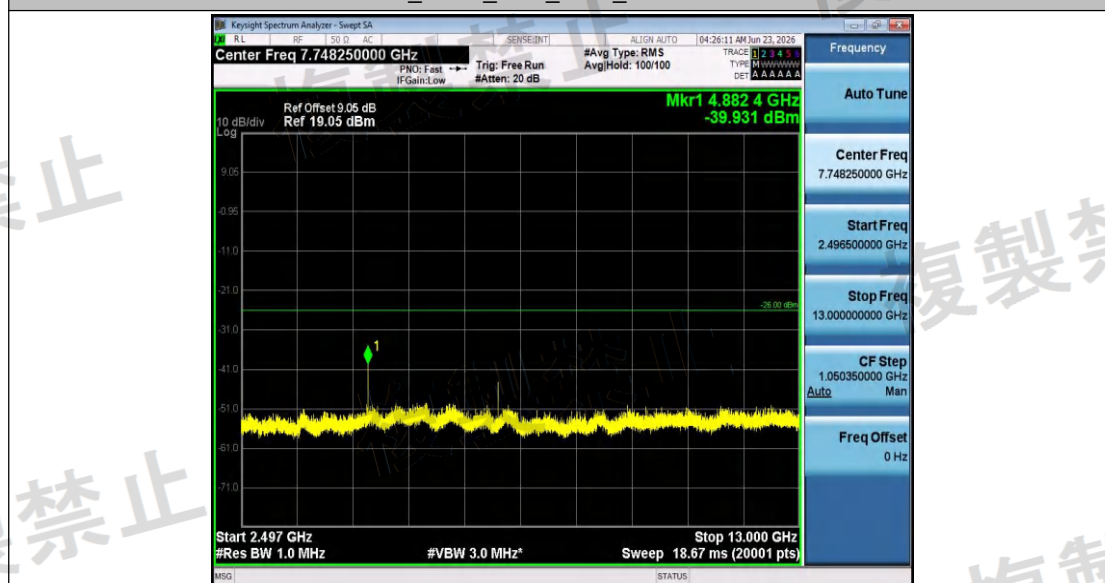
NTNV_3DH5_Ant1_2441_2387~2400

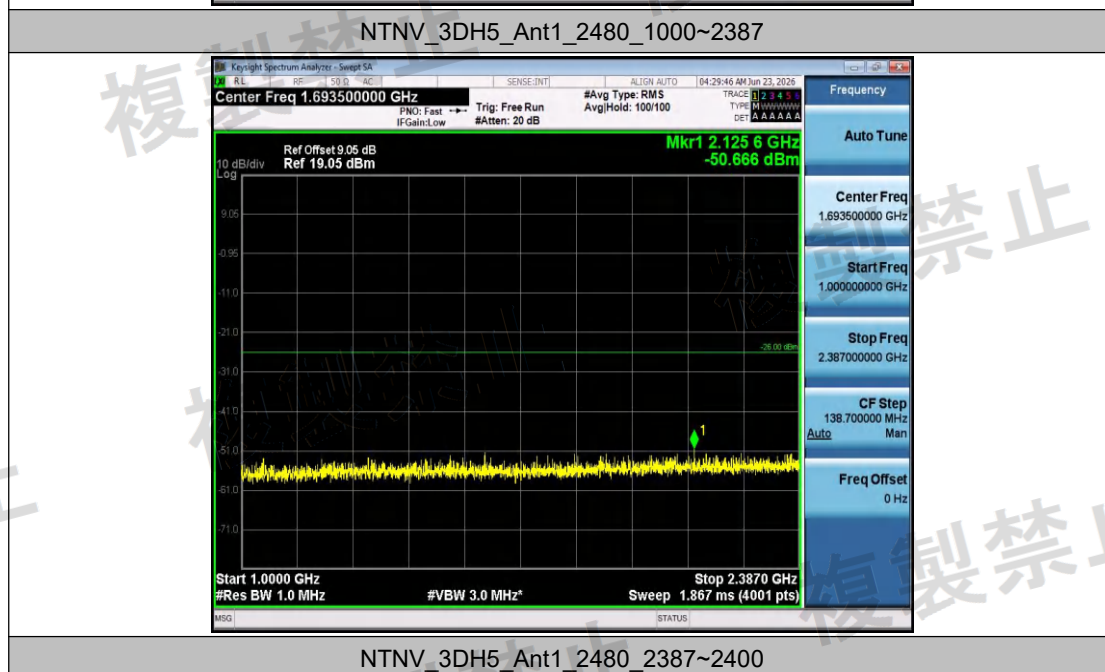
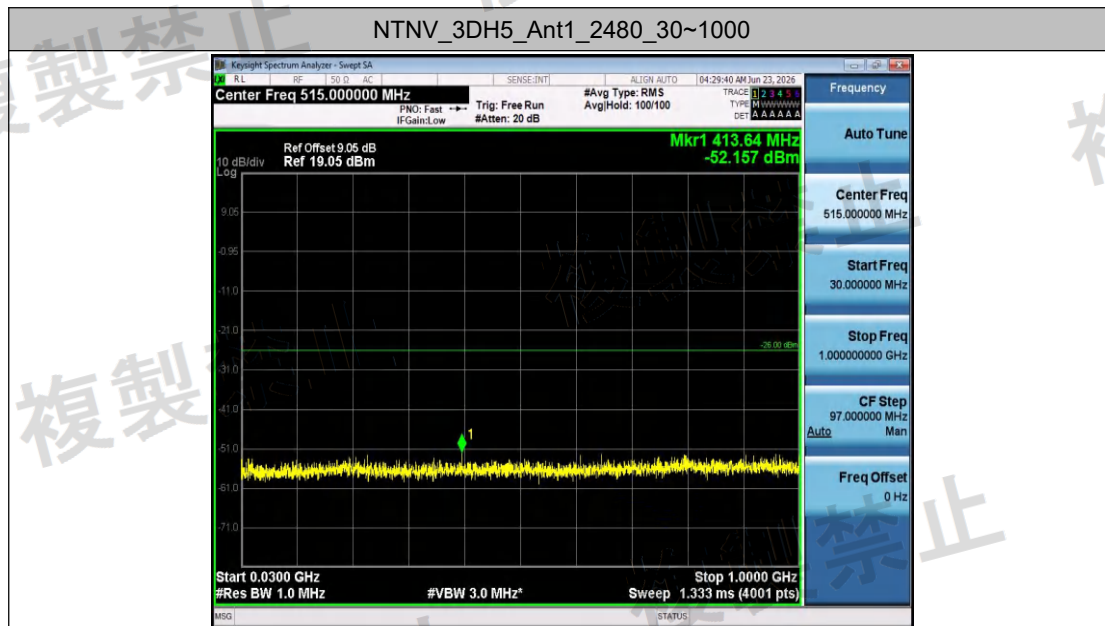


NTNV_3DH5_Ant1_2441_2483.5~2496.5

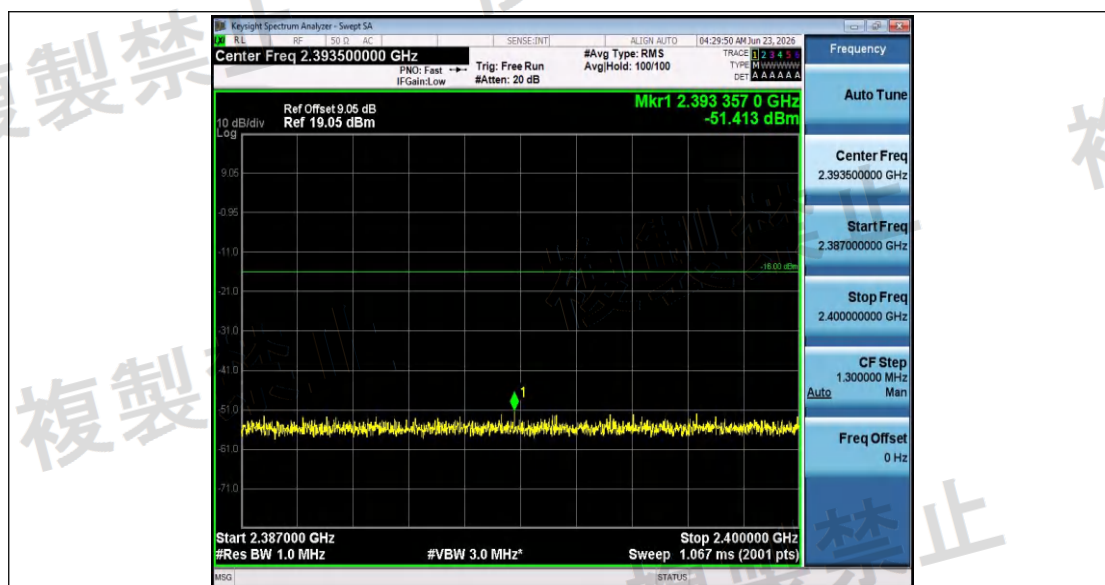


NTNV_3DH5_Ant1_2441_2496.5~13000

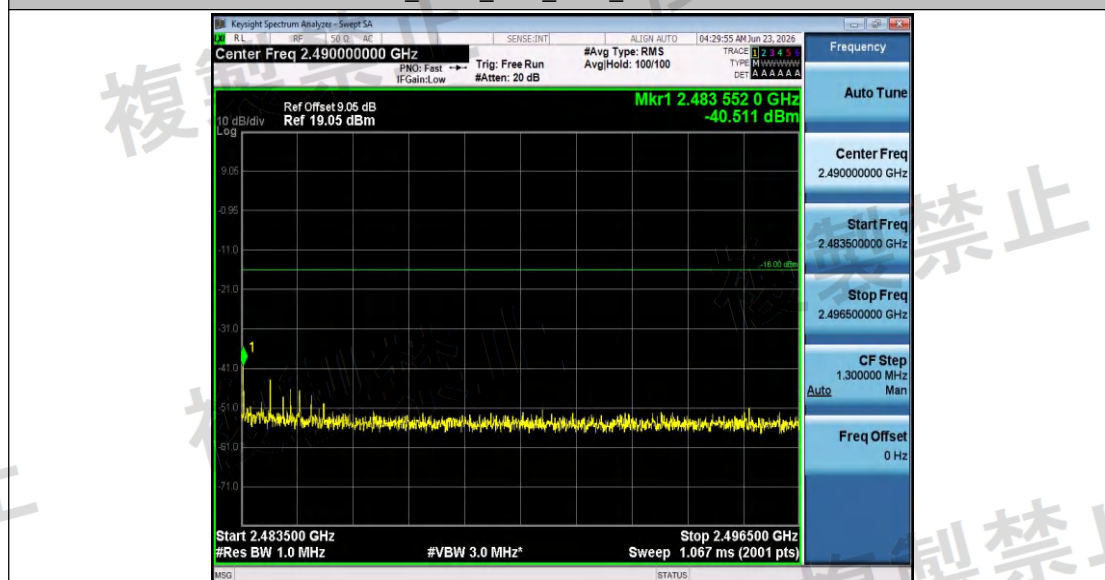




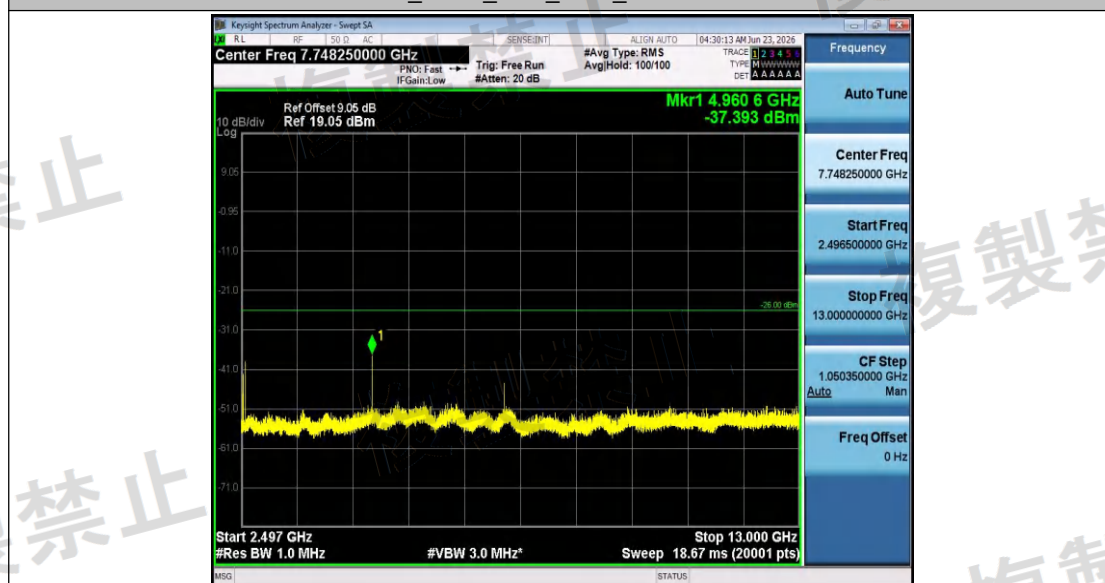
NTNV_3DH5_Ant1_2480_2387~2400



NTNV_3DH5_Ant1_2480_2483.5~2496.5



NTNV_3DH5_Ant1_2480_2496.5~13000





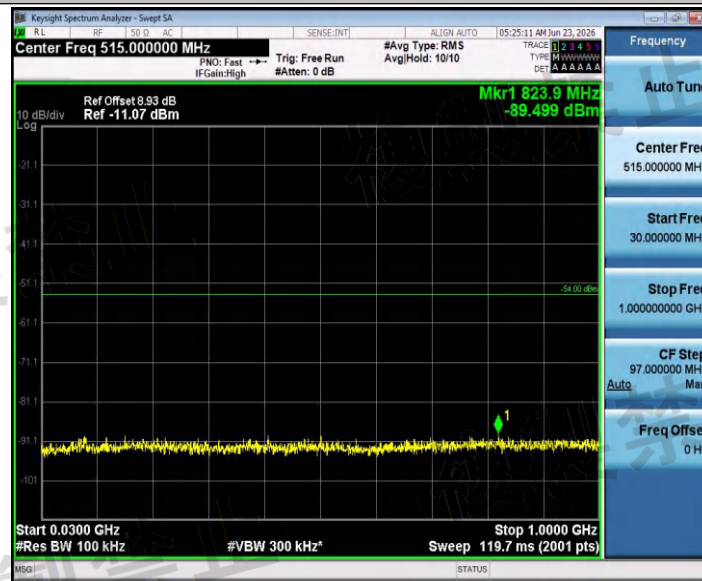
Appendix A.5: Spurious Emission of RX

Test Result

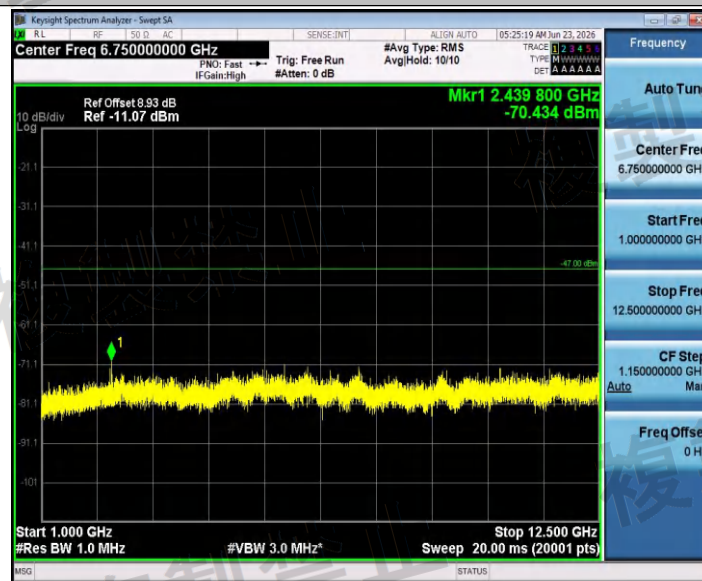
Test Condition	Test Mode	Antenna	Frequency [MHz]	Freq.Range [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	DH1	Ant1	2402	30~1000	-89.5	≤-54	0.00112	≤4	PASS
				1000~12500	-70.43	≤-47	0.09057	≤20	PASS
			2441	30~1000	-88.99	≤-54	0.00126	≤4	PASS
				1000~12500	-62.93	≤-47	0.50933	≤20	PASS
			2480	30~1000	-89.27	≤-54	0.00118	≤4	PASS
				1000~12500	-68.14	≤-47	0.15346	≤20	PASS
	2DH1	Ant1	2402	30~1000	-89.42	≤-54	0.00114	≤4	PASS
				1000~12500	-64.23	≤-47	0.37757	≤20	PASS
			2441	30~1000	-89.11	≤-54	0.00123	≤4	PASS
				1000~12500	-70.29	≤-47	0.09354	≤20	PASS
			2480	30~1000	-89.15	≤-54	0.00122	≤4	PASS
				1000~12500	-68.44	≤-47	0.14322	≤20	PASS
	3DH1	Ant1	2402	30~1000	-88.91	≤-54	0.00129	≤4	PASS
				1000~12500	-67.17	≤-47	0.19187	≤20	PASS
			2441	30~1000	-89.36	≤-54	0.00116	≤4	PASS
				1000~12500	-65.85	≤-47	0.26002	≤20	PASS
			2480	30~1000	-89.22	≤-54	0.00120	≤4	PASS
				1000~12500	-60.11	≤-47	0.97499	≤20	PASS

Test Graphs

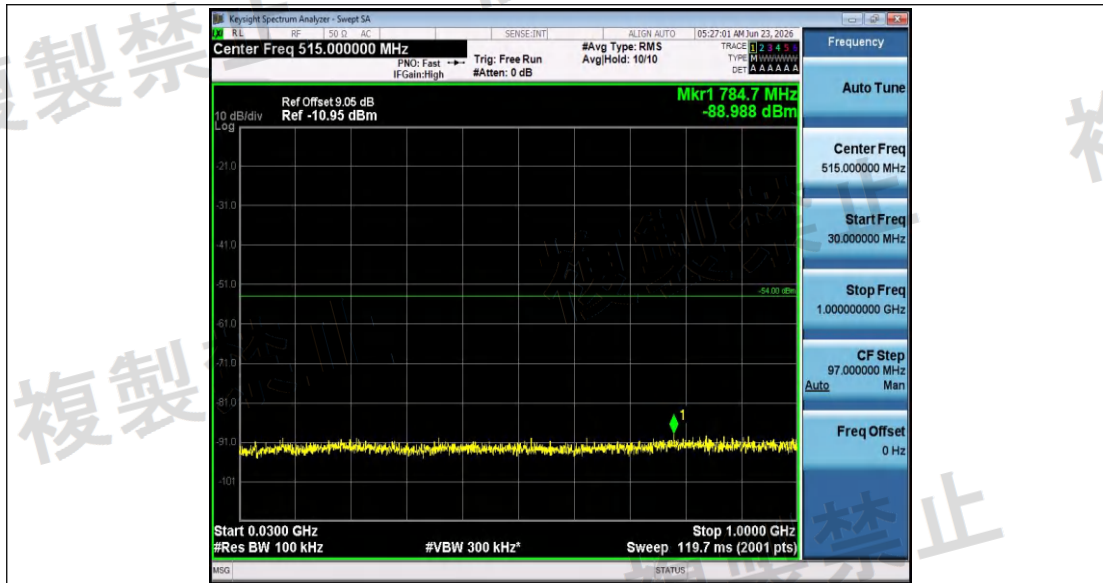
NTNV_DH1_Ant1_2402_30~1000



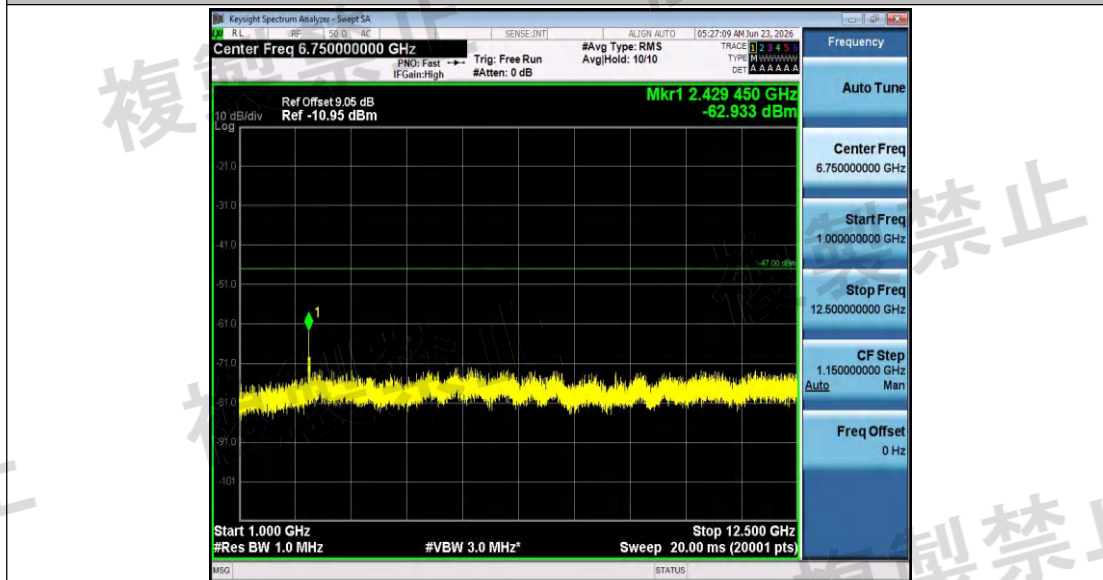
NTNV_DH1_Ant1_2402_1000~12500



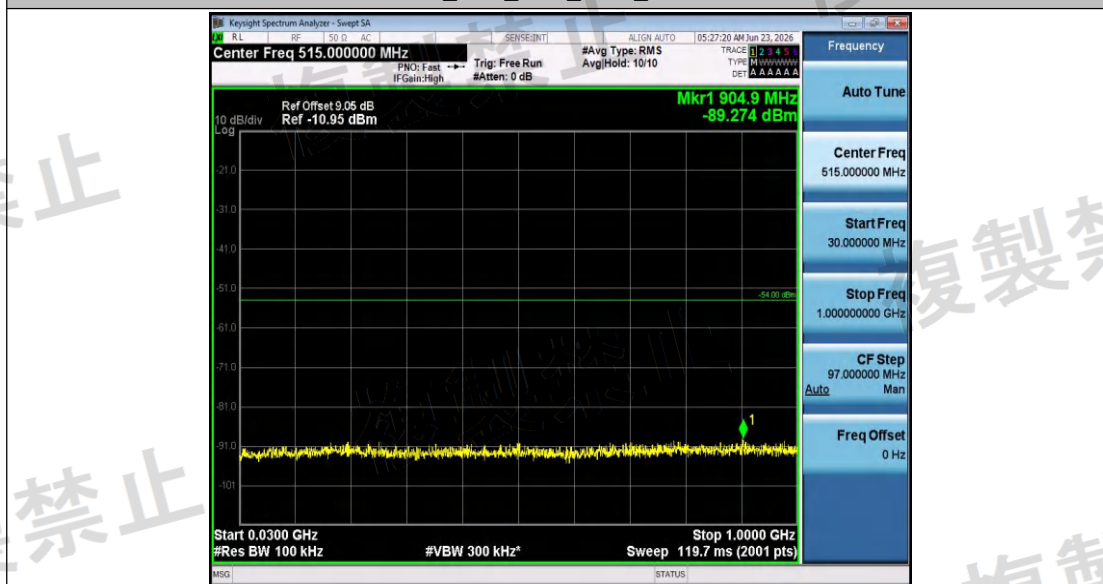
NTNV_DH1_Ant1_2441_30~1000

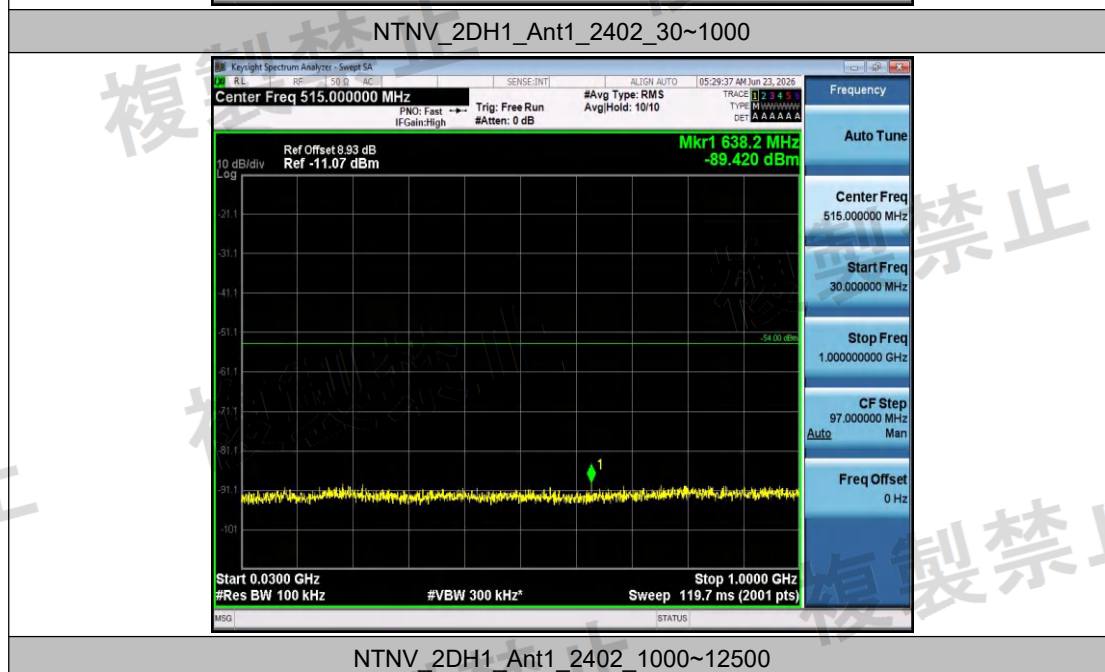
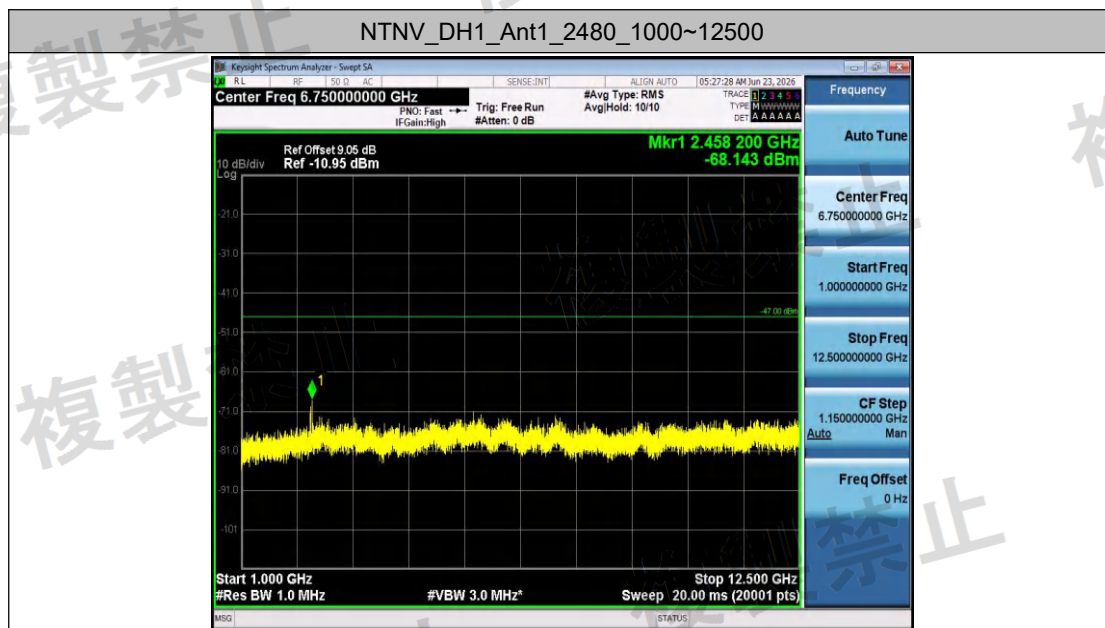


NTNV_DH1_Ant1_2441_1000~12500



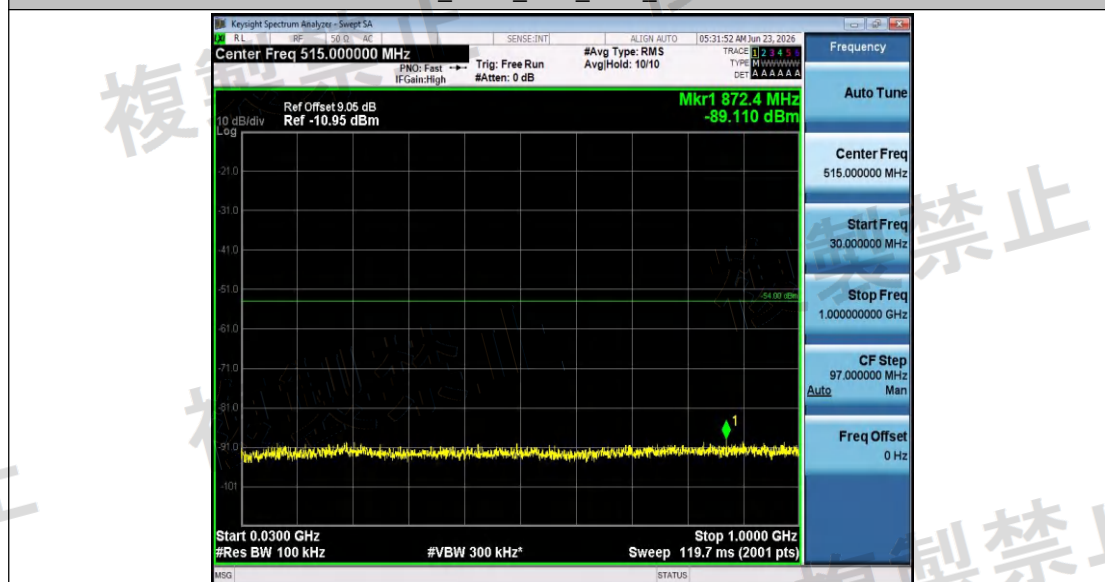
NTNV_DH1_Ant1_2480_30~1000



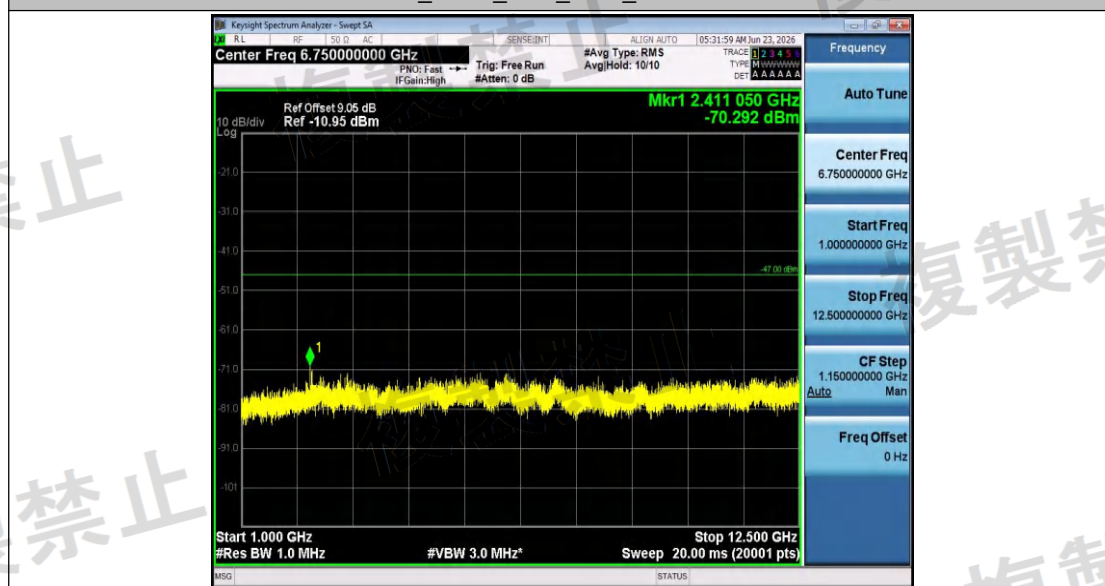


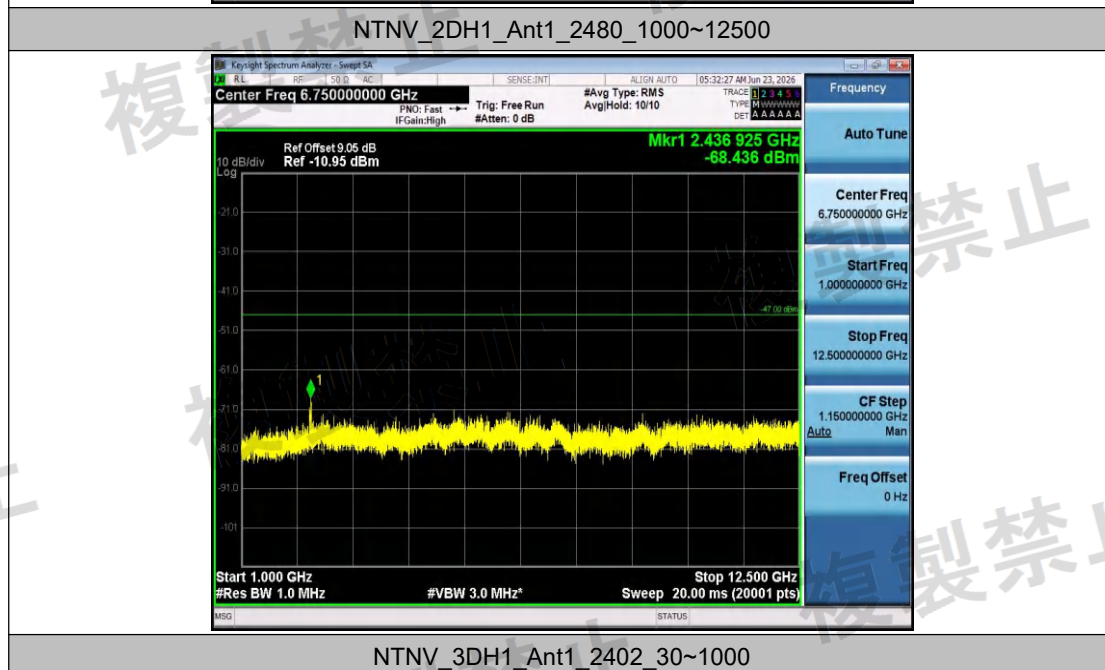
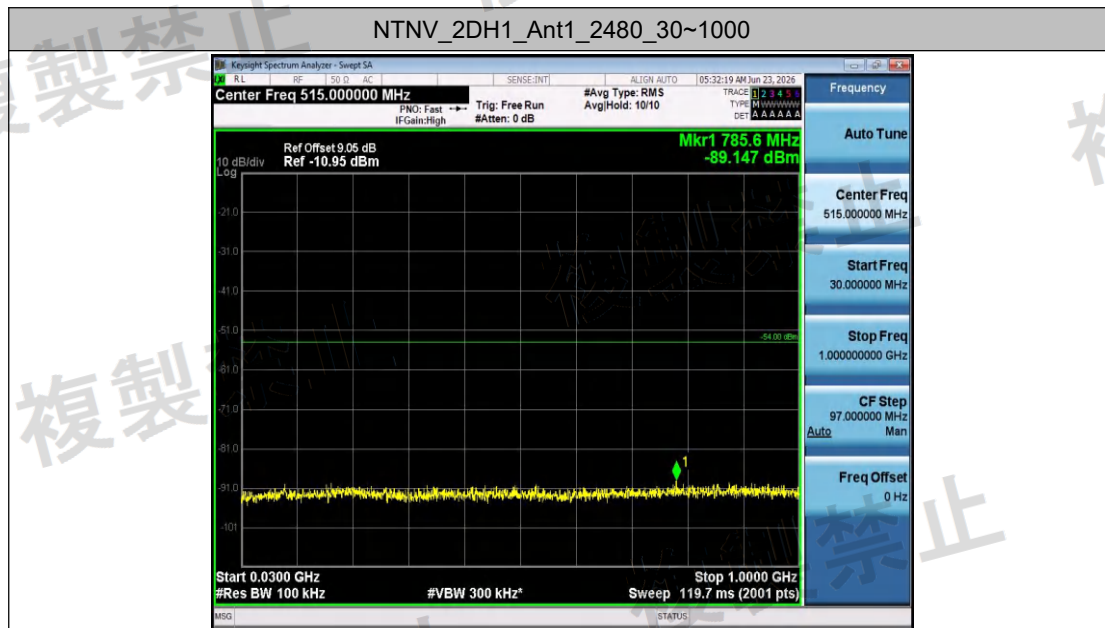


NTNV_2DH1_Ant1_2441_30~1000



NTNV_2DH1_Ant1_2441_1000~12500

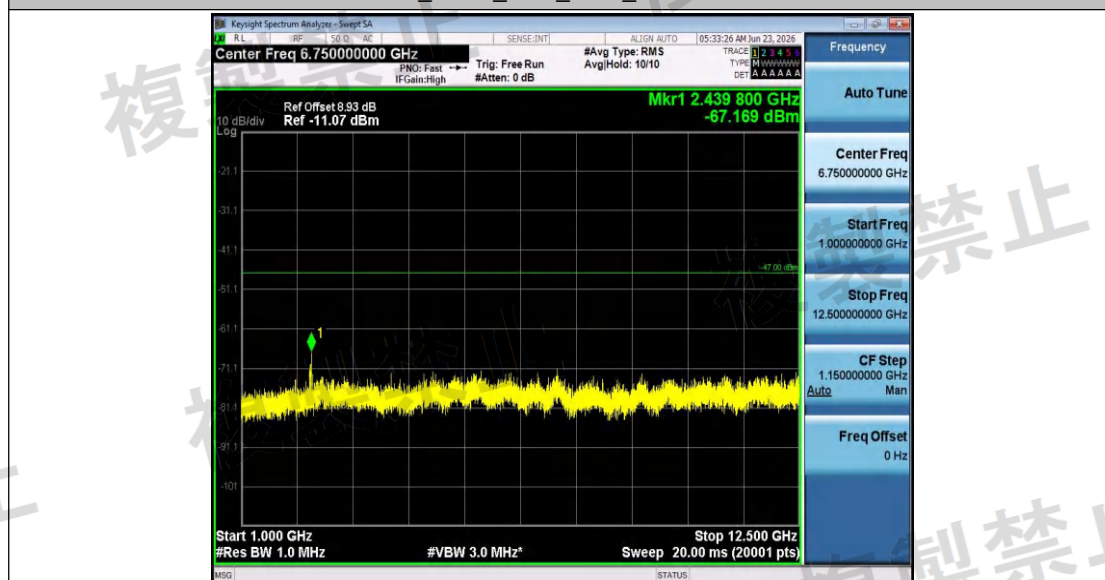




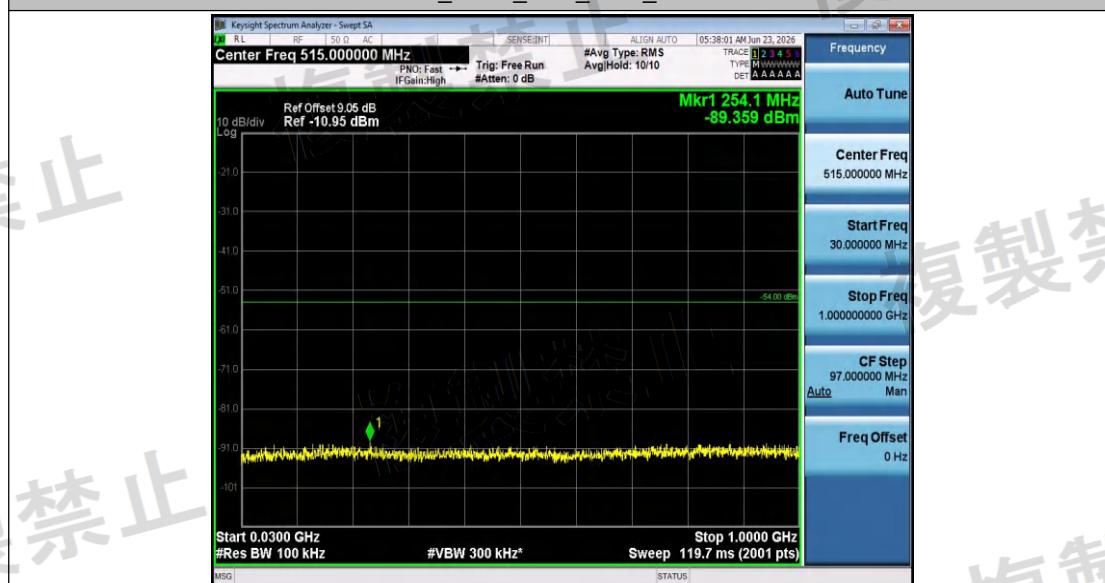
NTNV_3DH1_Ant1_2402_30~1000

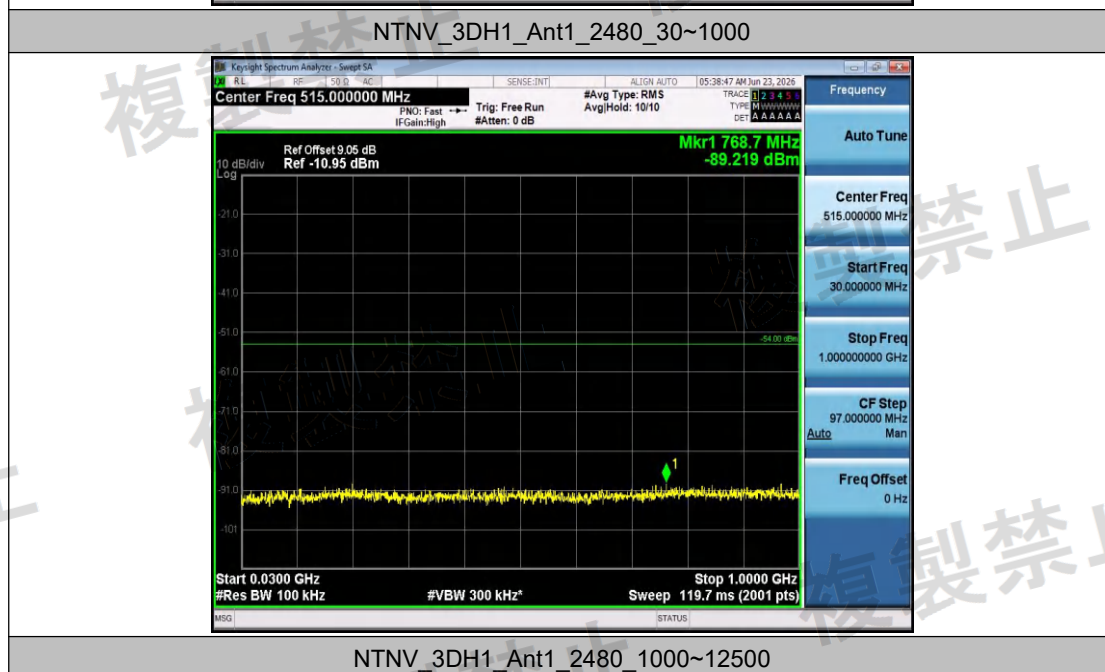
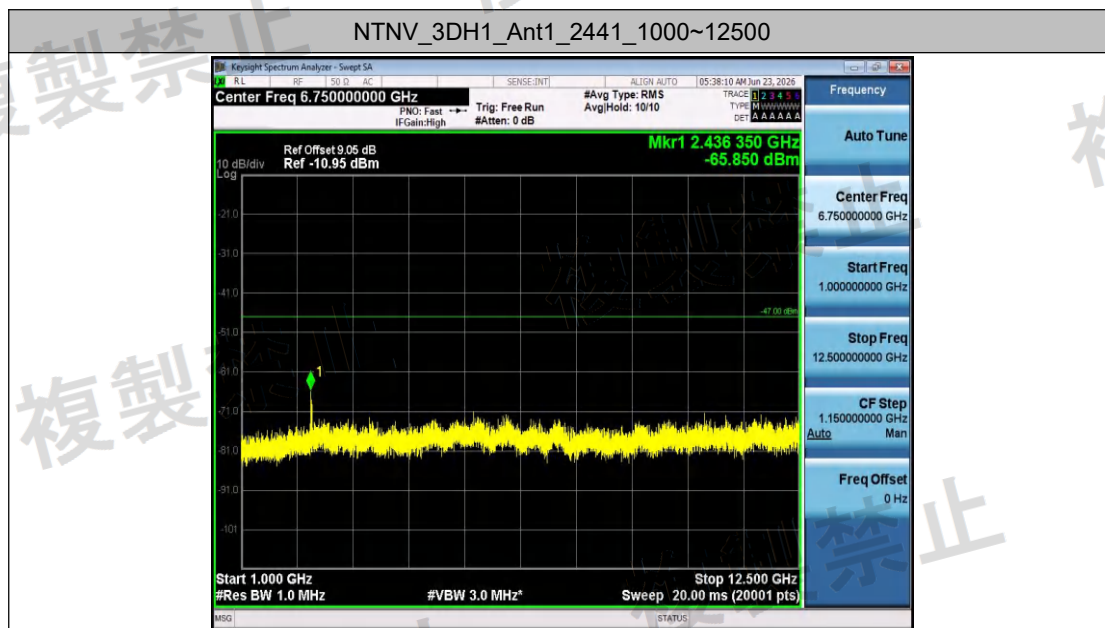


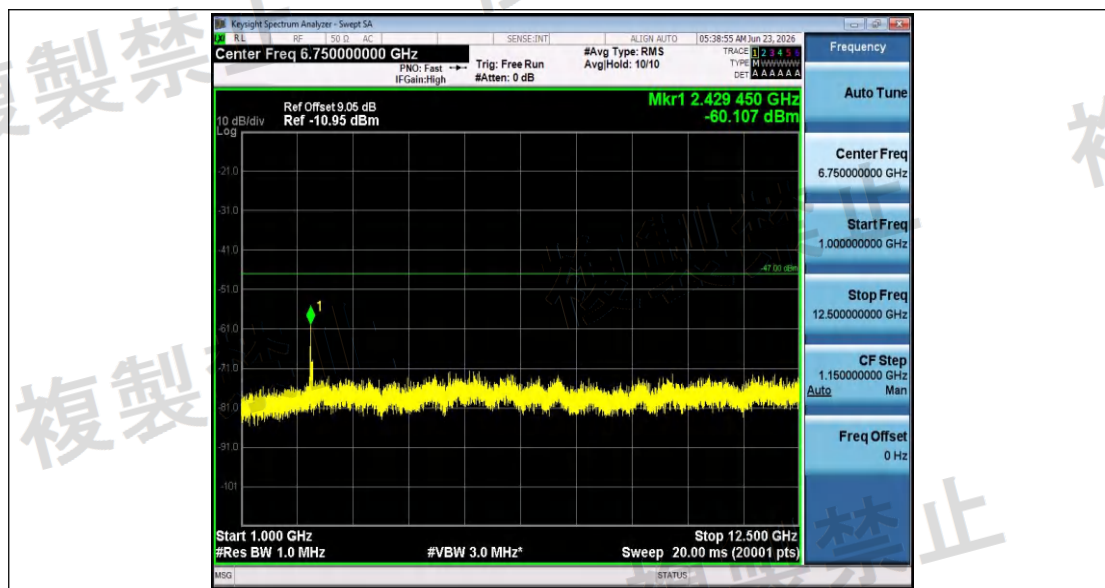
NTNV_3DH1_Ant1_2402_1000~12500



NTNV_3DH1_Ant1_2441_30~1000





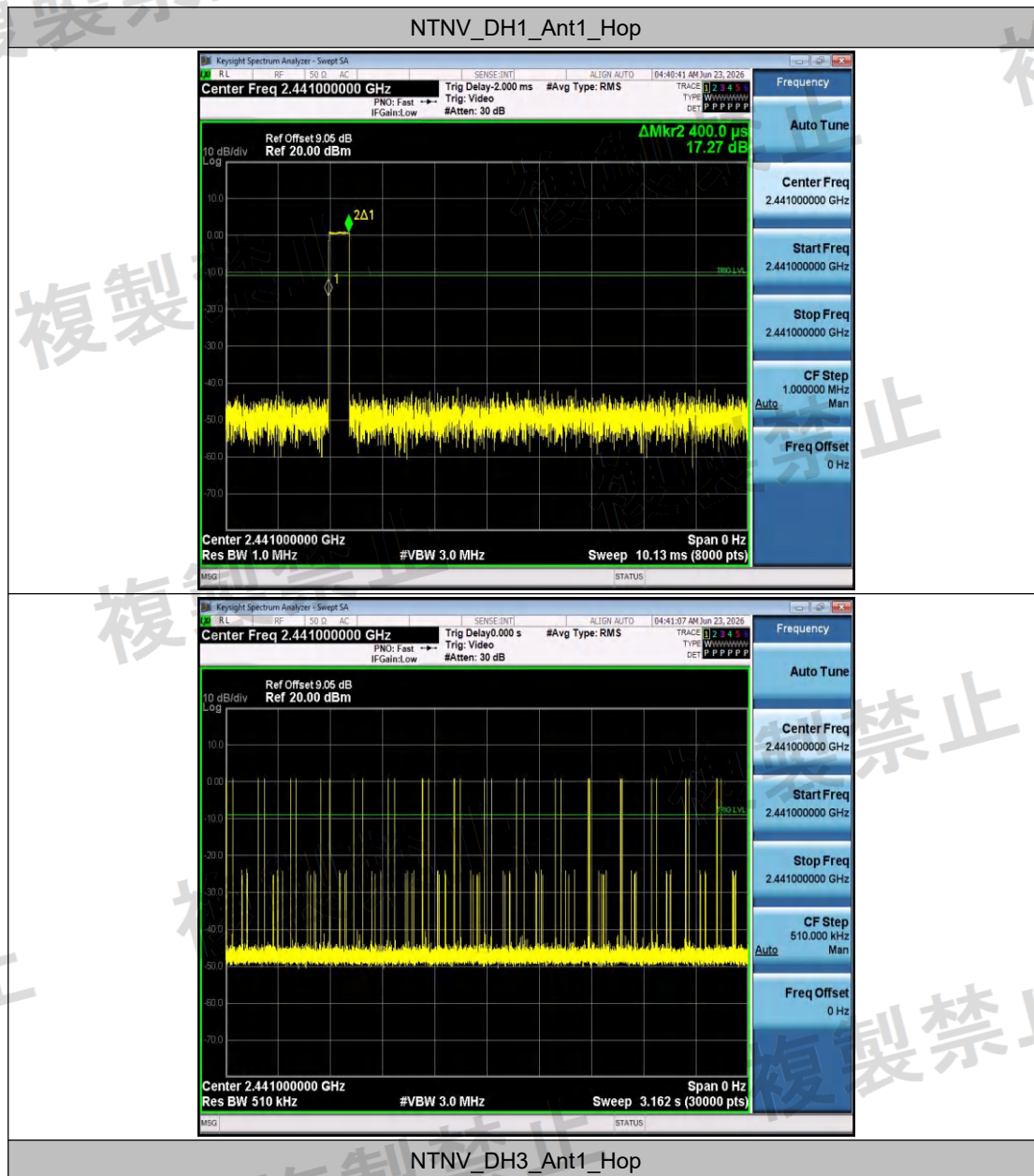


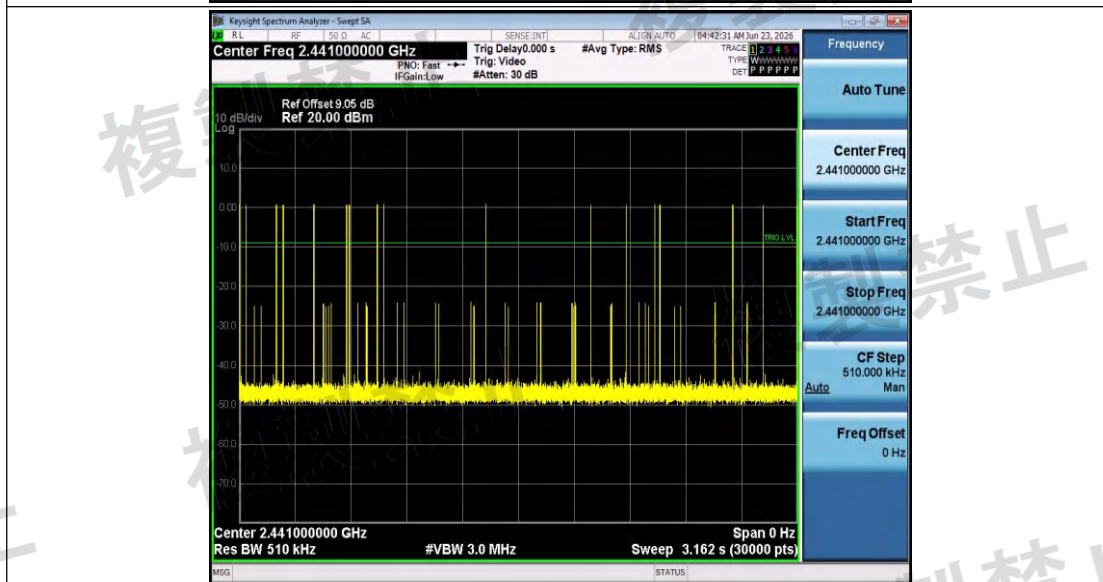
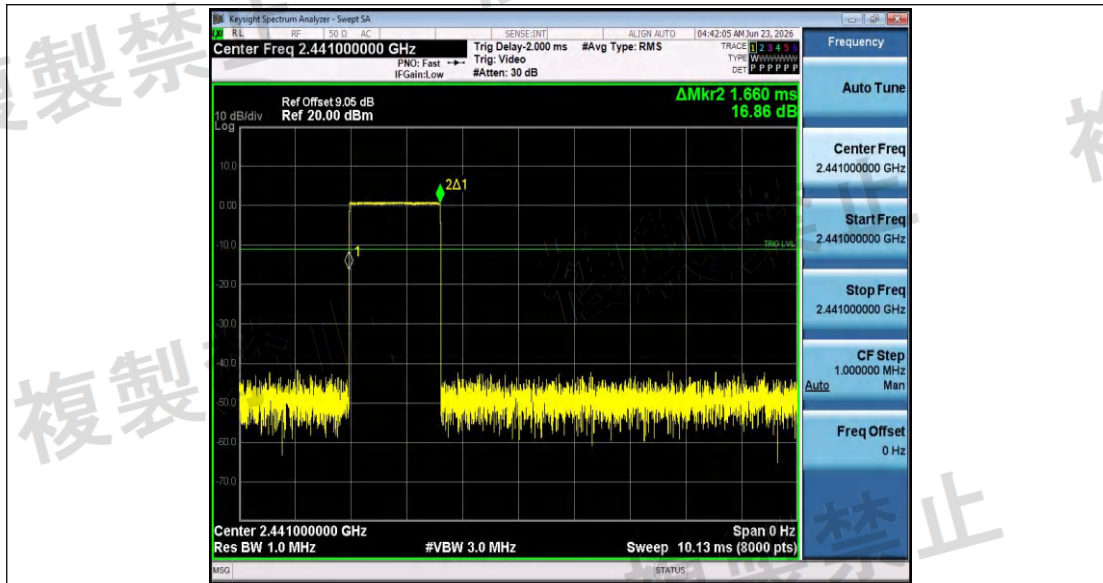
Appendix A.6: Dwell Time

Test Result

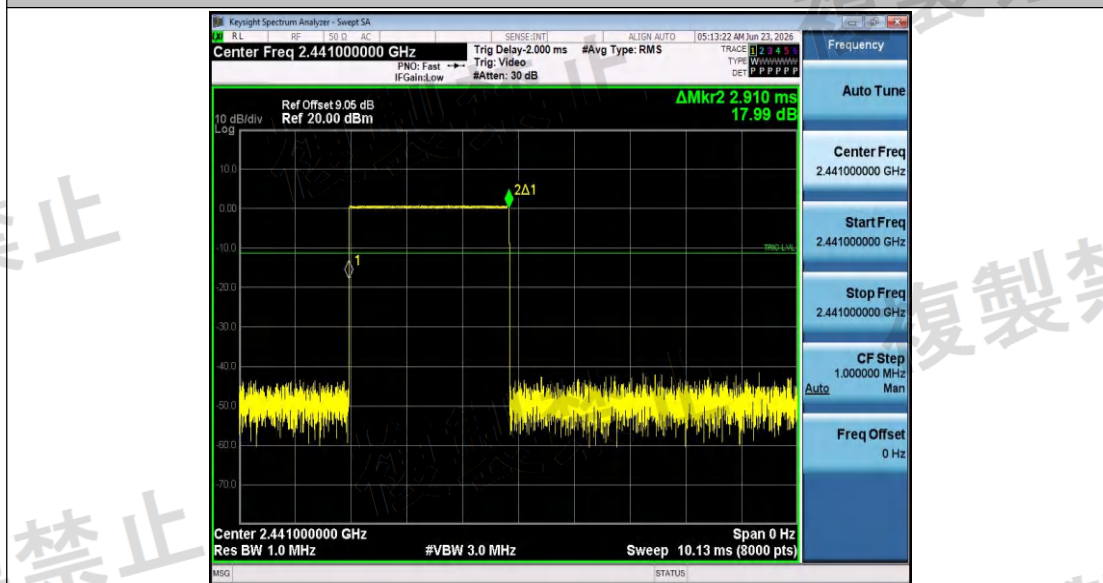
Test Condition	Test Mode	Antenna	Frequency [MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit [s]	Verdict
NTNV	DH1	Ant1	Hop	0.40	320	0.128	≤0.4	PASS
	DH3	Ant1	Hop	1.66	170	0.282	≤0.4	PASS
	DH5	Ant1	Hop	2.91	80	0.233	≤0.4	PASS
	2DH1	Ant1	Hop	0.41	330	0.135	≤0.4	PASS
	2DH3	Ant1	Hop	1.67	170	0.284	≤0.4	PASS
	2DH5	Ant1	Hop	2.92	90	0.263	≤0.4	PASS
	3DH1	Ant1	Hop	0.42	330	0.139	≤0.4	PASS
	3DH3	Ant1	Hop	1.67	170	0.284	≤0.4	PASS
	3DH5	Ant1	Hop	2.92	110	0.321	≤0.4	PASS

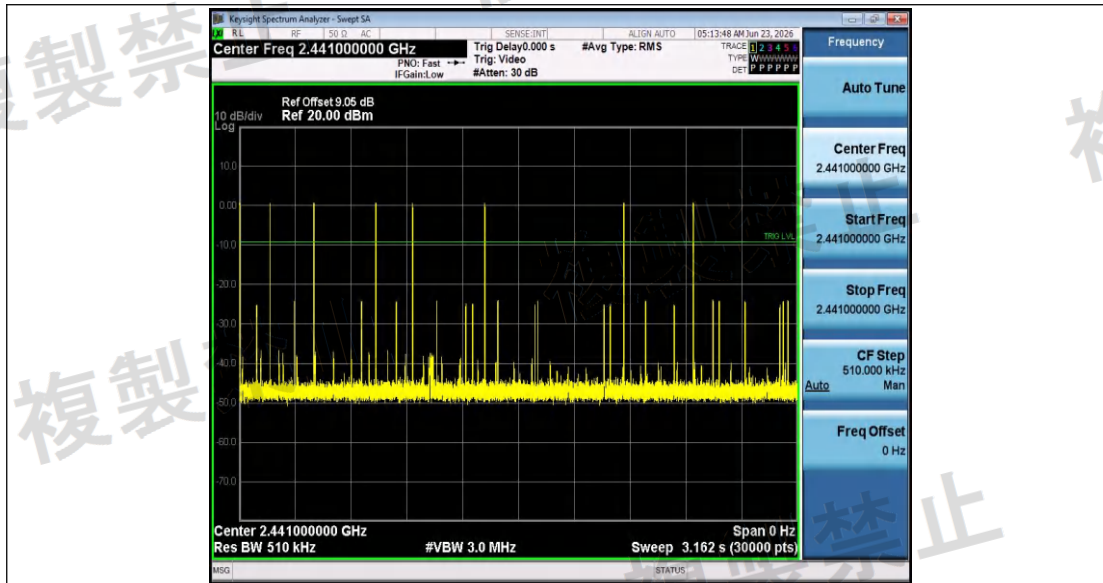
Test Graphs



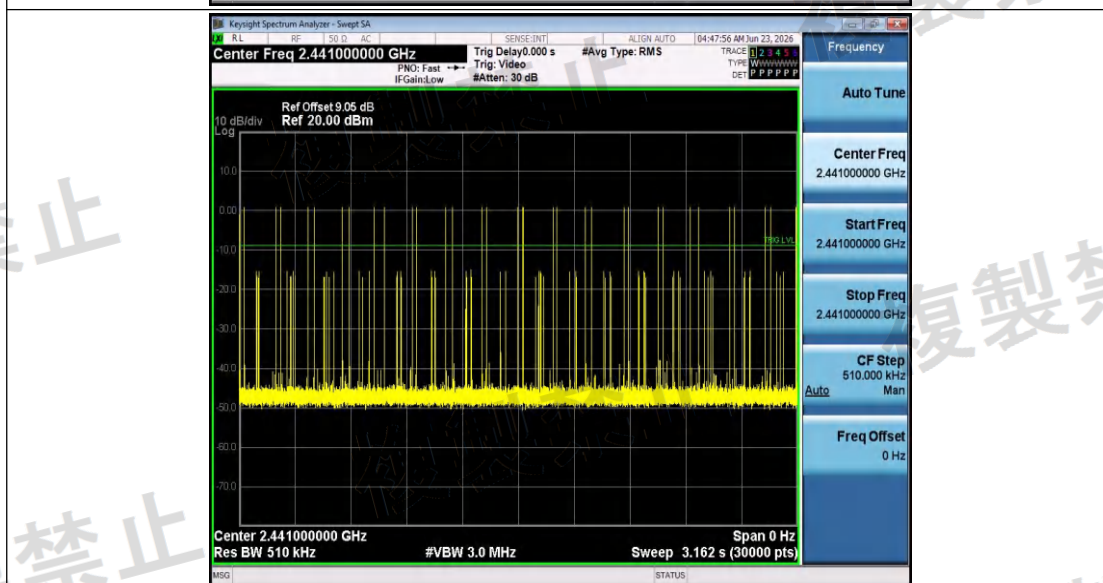
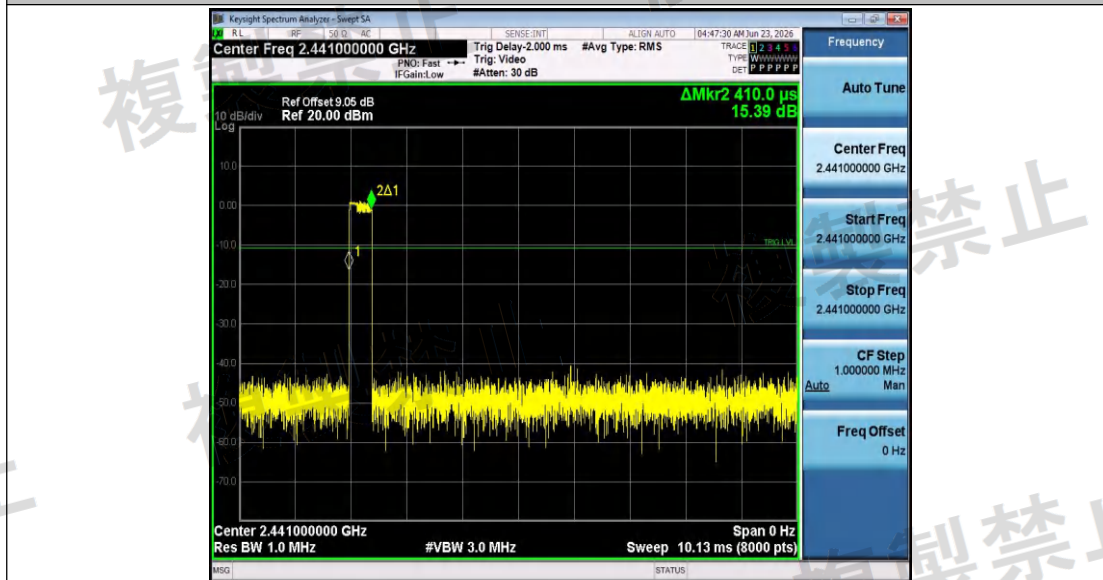


NTNV_DH5_Ant1_Hop

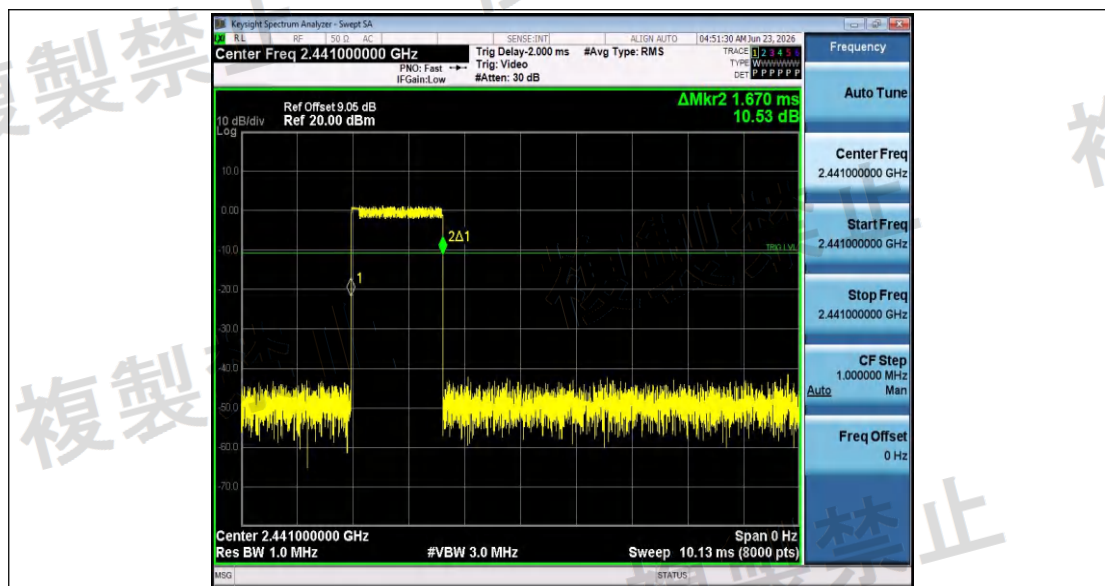




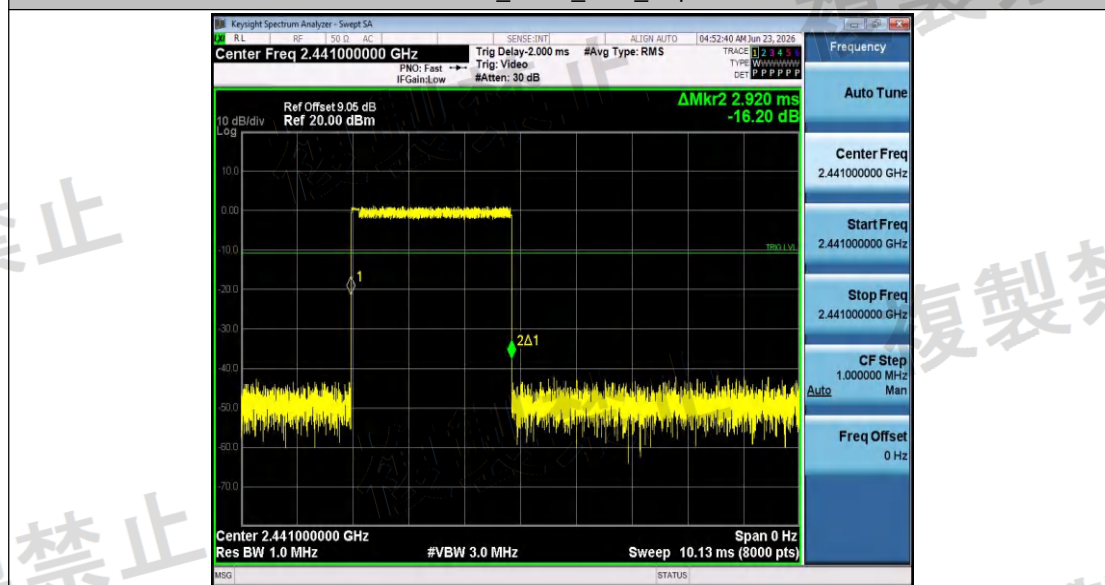
NTNV_2DH1_Ant1_Hop



NTNV_2DH3_Ant1_Hop

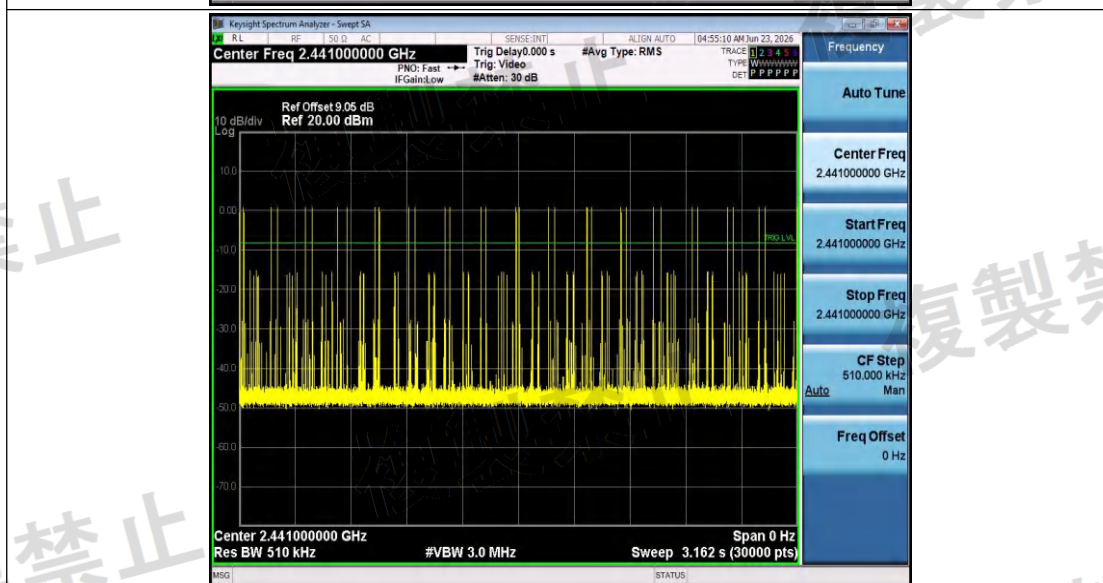
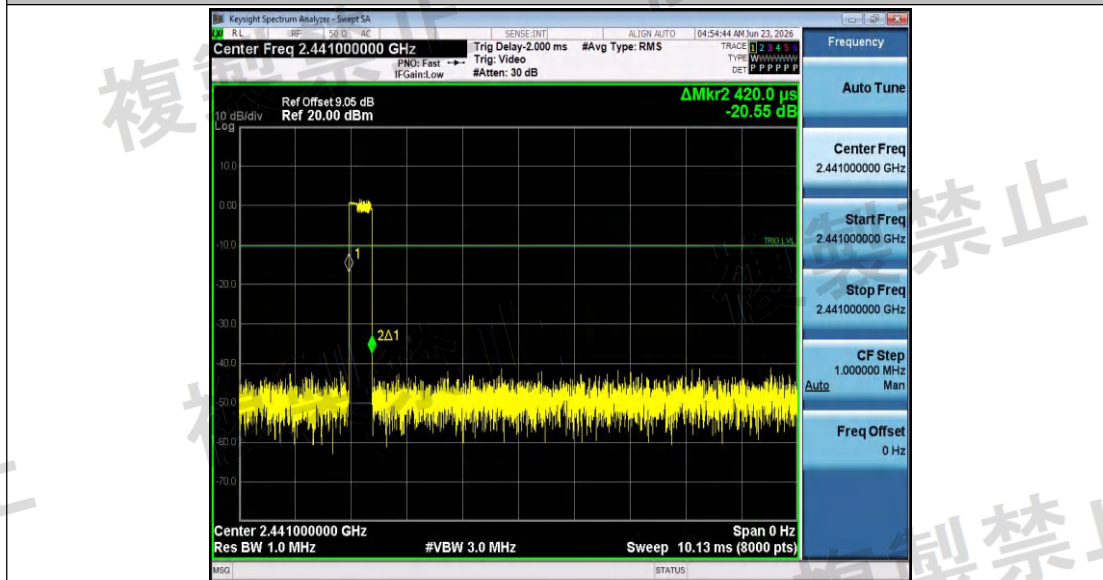


NTNV_2DH5_Ant1_Hop

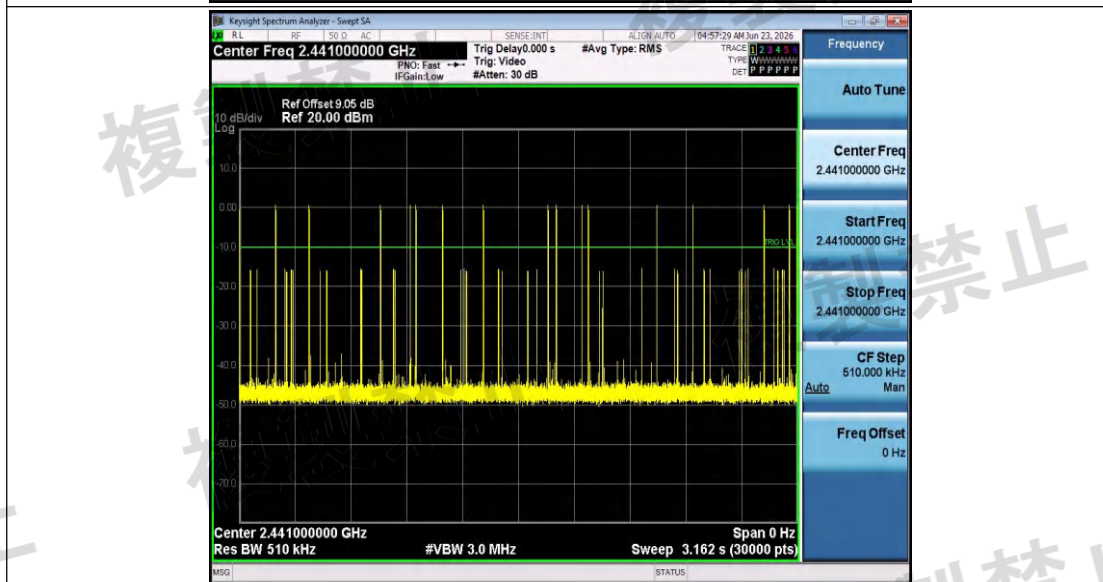
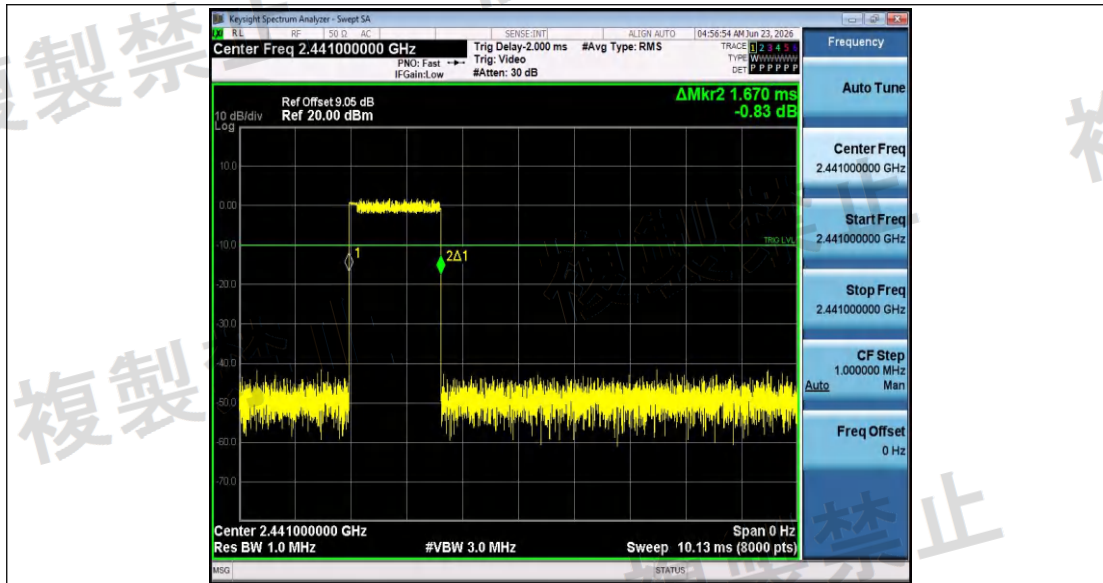




NTNV_3DH1_Ant1_Hop



NTNV_3DH3_Ant1_Hop



NTNV_3DH5_Ant1_Hop

