

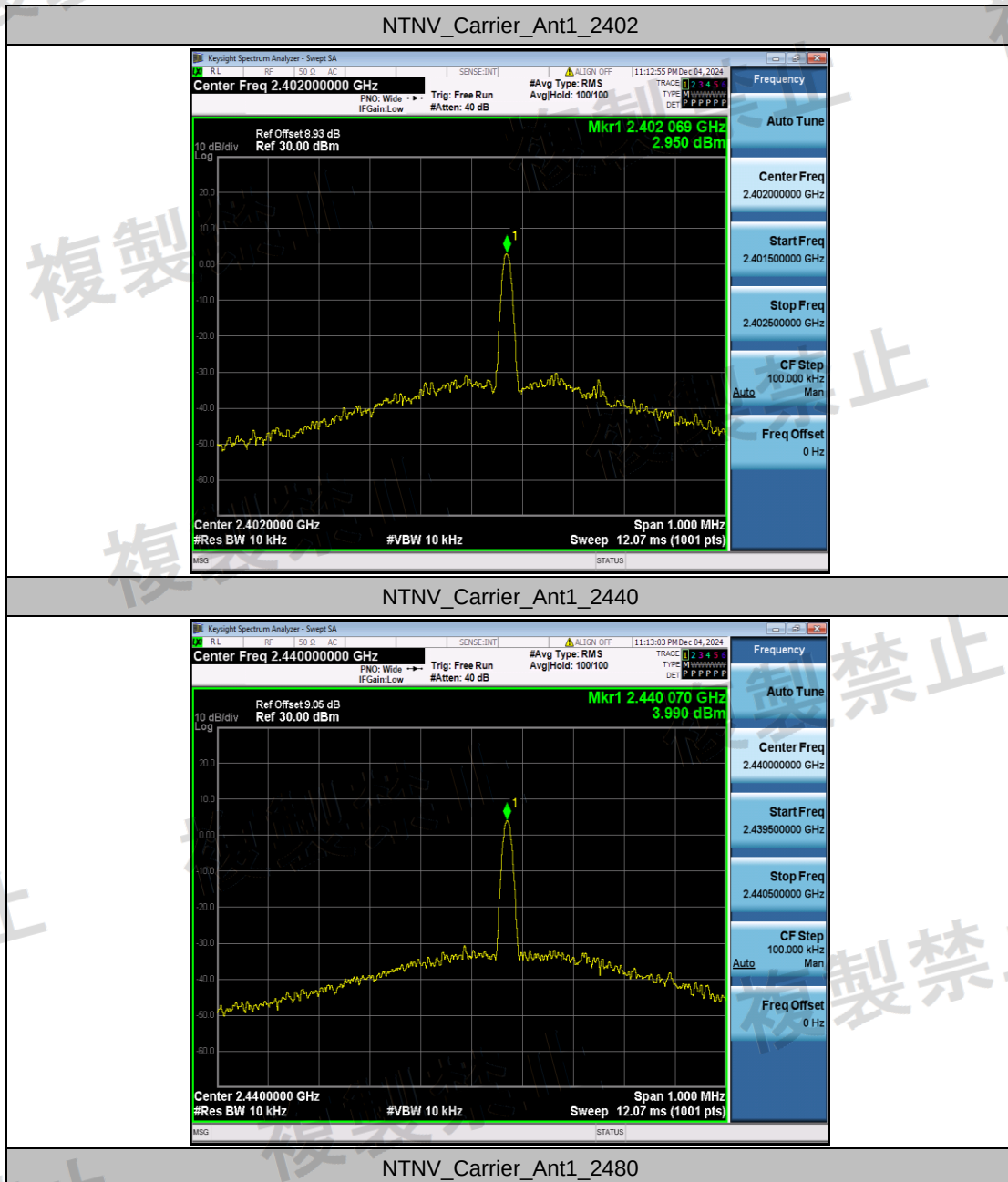
Case No. : GTS20250401017-6-01	
Ambient Condition: 25 °C, 47 %RH, Atmos100.1Kpa,	
Test Date: 2024.12.4	Test Engineer: Evan Ouyang

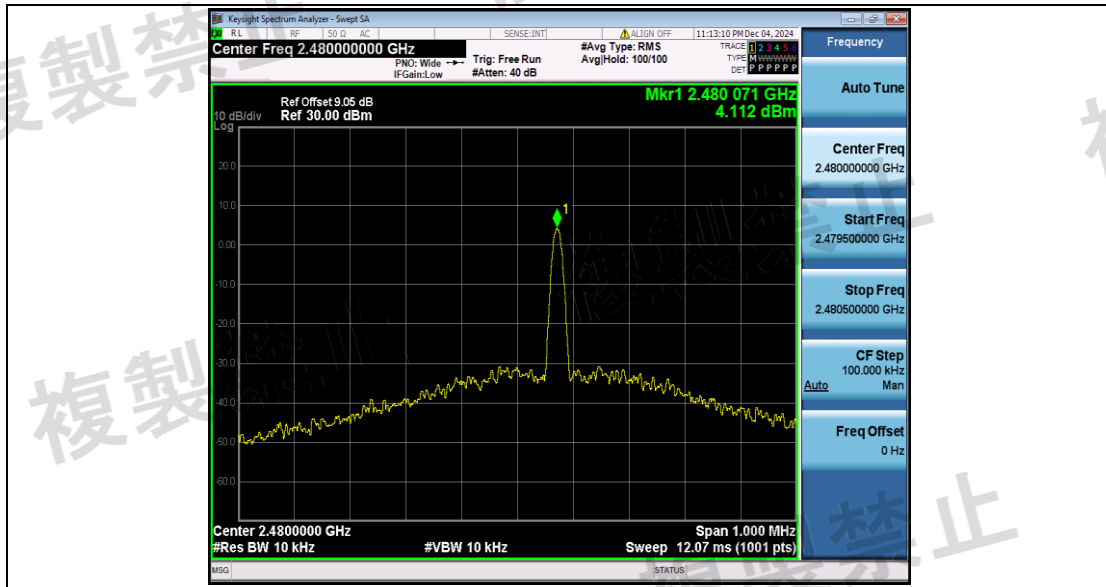
Appendix A.1: Frequency Error

Test Result

Test Condition	Test Mode	Antenna	Freq(MHz)	Result[ppm]	Limit[ppm]	Verdict
NTNV	Carrier	Ant1	2402	28.72606	±50	PASS
			2440	28.68853	±50	PASS
			2480	28.62903	±50	PASS

Test Graphs





Appendix A.2: Occupied Bandwidth

Test Result

Test Condition	Test Mode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	BLE.	Ant1	2402	1.032	≤26	PASS
			2440	1.037	≤26	PASS
			2480	1.036	≤26	PASS

Test Graphs



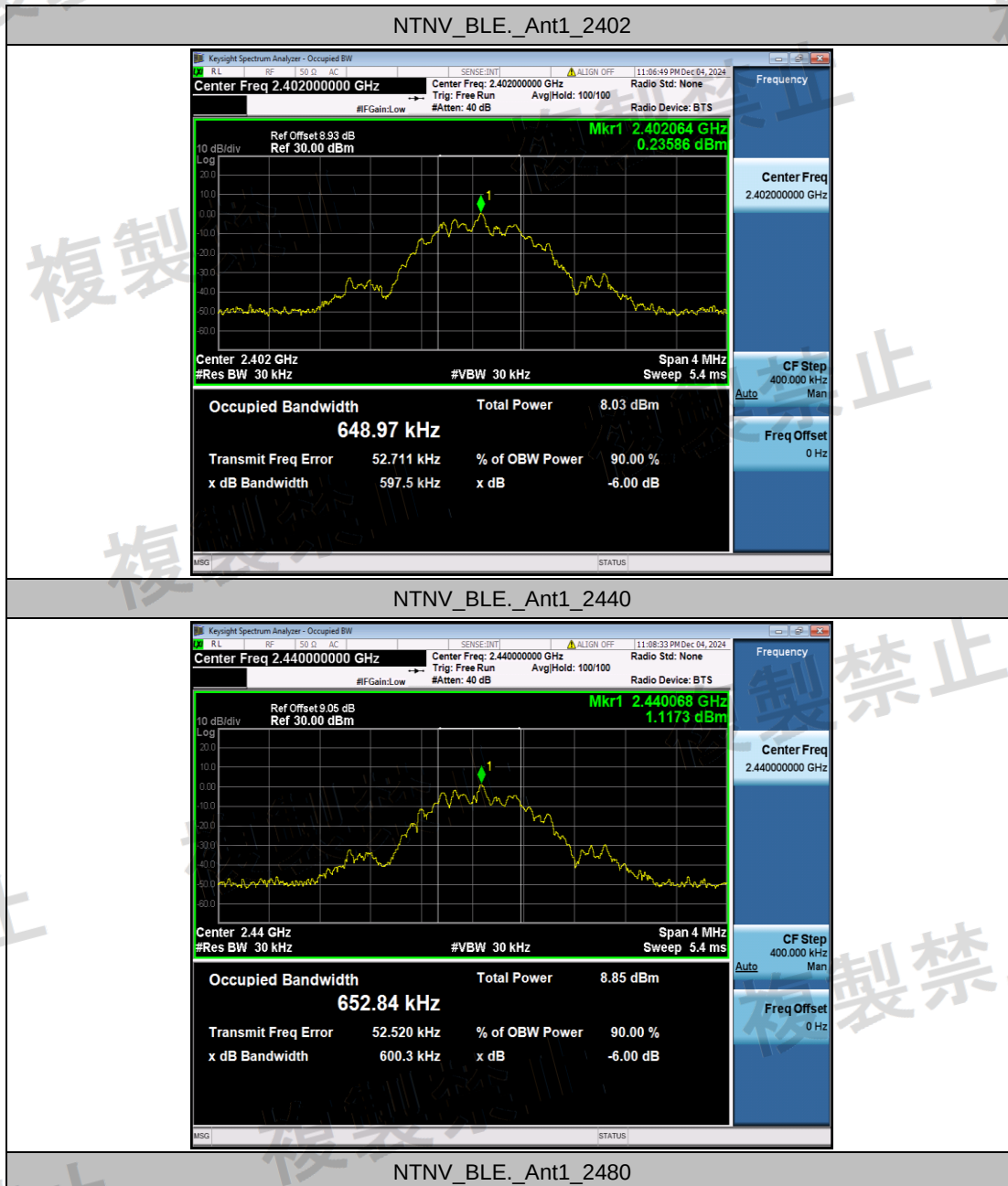


Appendix A.3: Spread Bandwidth

Test Result

Test Condition	Test Mode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	BLE.	Ant1	2402	0.649	≥ 0.5	PASS
			2440	0.653	≥ 0.5	PASS
			2480	0.644	≥ 0.5	PASS

Test Graphs



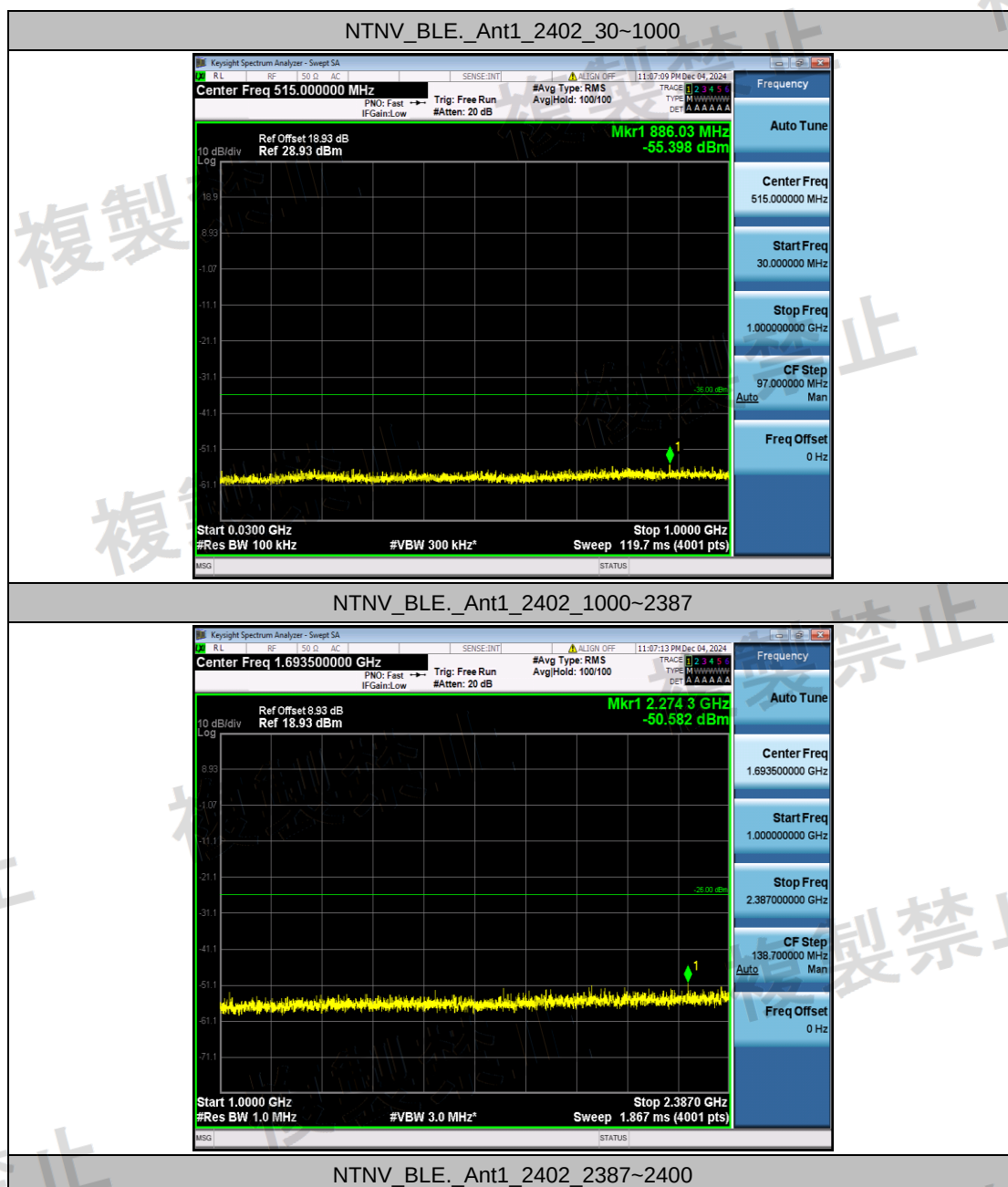


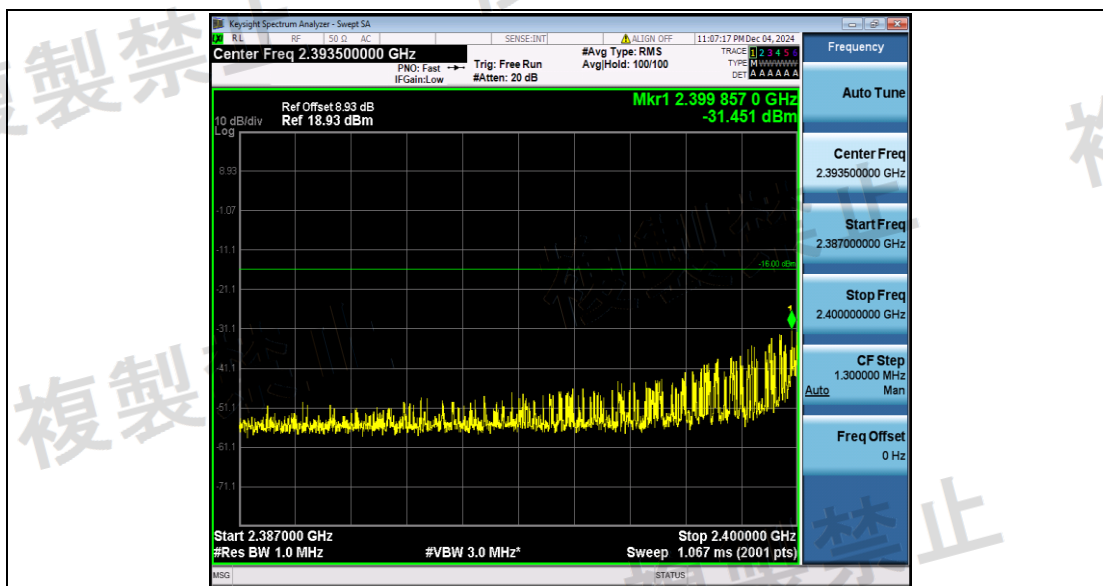
Appendix A.4: Spurious Emission of TX

Test Result

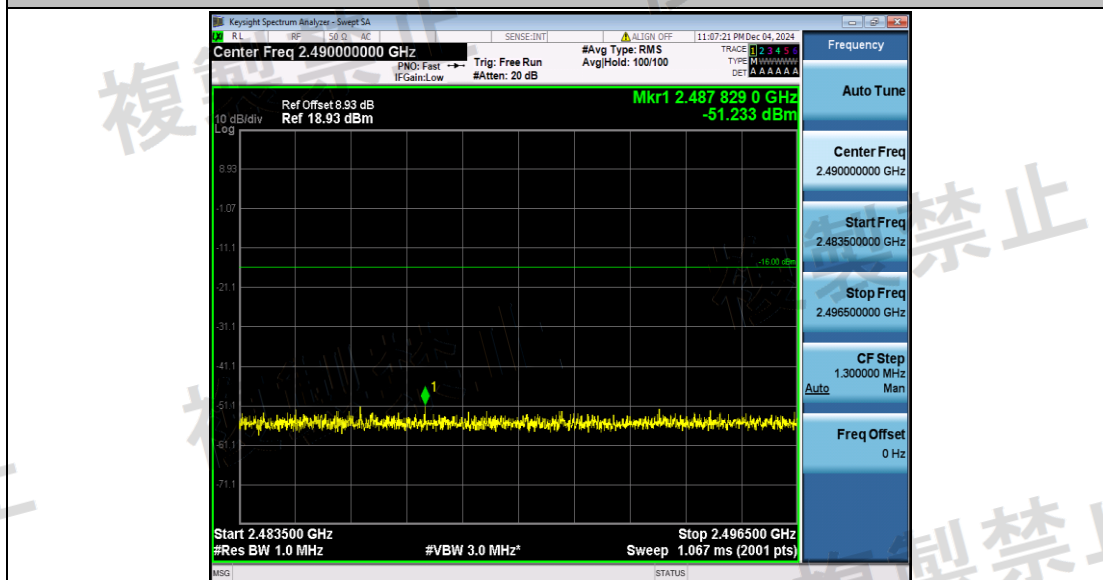
Test Condition	Test Mode	Antenna	Freq (MHz)	Freq.Range [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	BLE.	Ant1	2402	30~1000	-55.40	≤-36	0.00288	≤0.3	PASS
				1000~2387	-50.58	≤-26	0.00875	≤2.5	PASS
				2387~2400	-31.45	≤-16	0.71614	≤25	PASS
				2483.5~2496.5	-51.23	≤-16	0.00753	≤25	PASS
				2496.5~13000	-35.40	≤-26	0.28840	≤2.5	PASS
			2440	30~1000	-55.93	≤-36	0.00255	≤0.3	PASS
				1000~2387	-51.07	≤-26	0.00782	≤2.5	PASS
				2387~2400	-52.24	≤-16	0.00597	≤25	PASS
				2483.5~2496.5	-51.10	≤-16	0.00776	≤25	PASS
				2496.5~13000	-39.63	≤-26	0.10889	≤2.5	PASS
			2480	30~1000	-55.12	≤-36	0.00308	≤0.3	PASS
				1000~2387	-49.76	≤-26	0.01057	≤2.5	PASS
				2387~2400	-51.62	≤-16	0.00689	≤25	PASS
				2483.5~2496.5	-35.89	≤-16	0.25763	≤25	PASS
				2496.5~13000	-40.70	≤-26	0.08511	≤2.5	PASS

Test Graphs

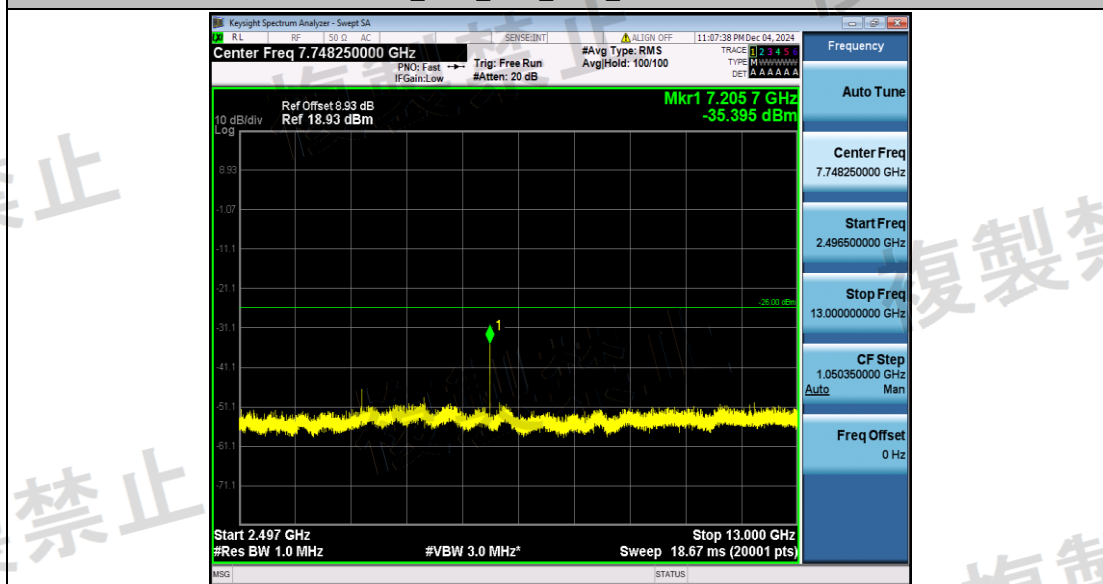


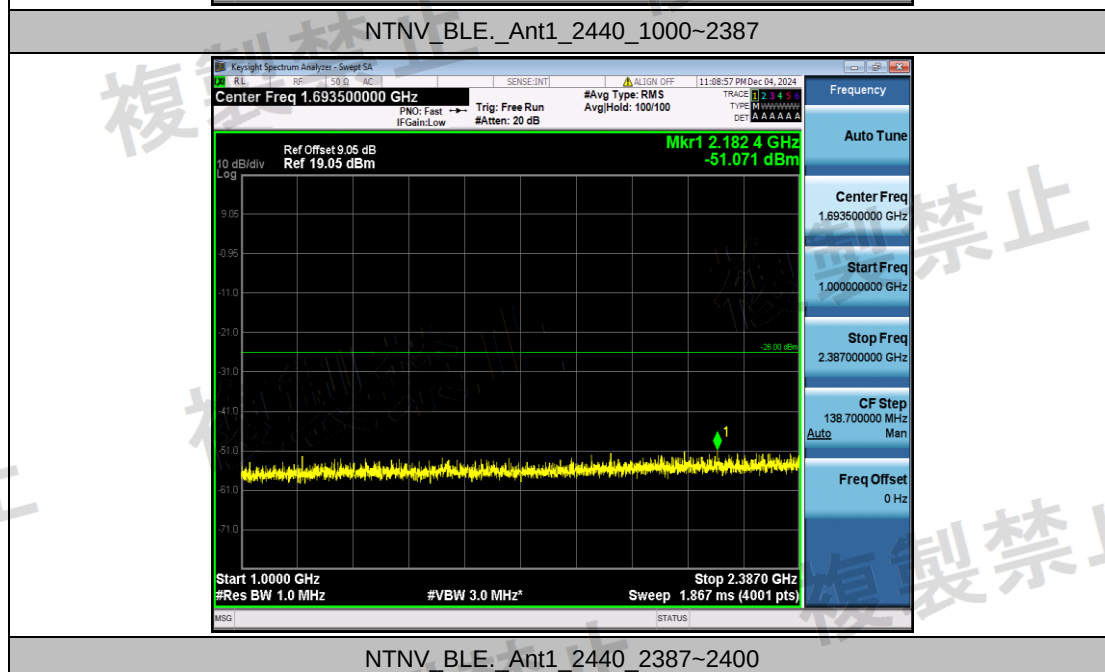
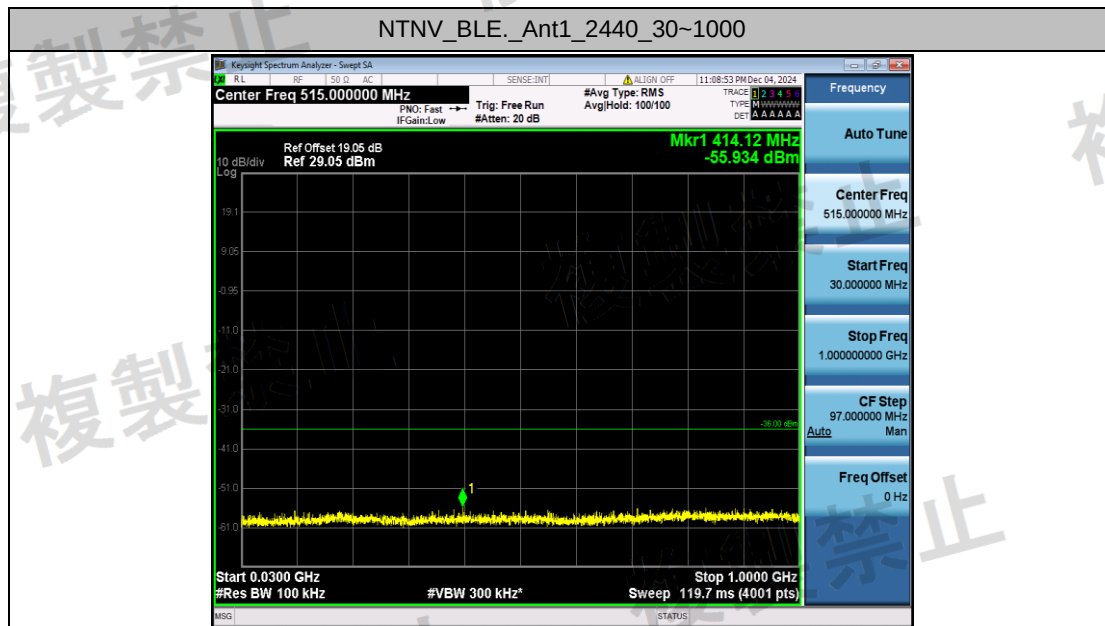


NTNV_BLE._Ant1_2402_2483.5~2496.5

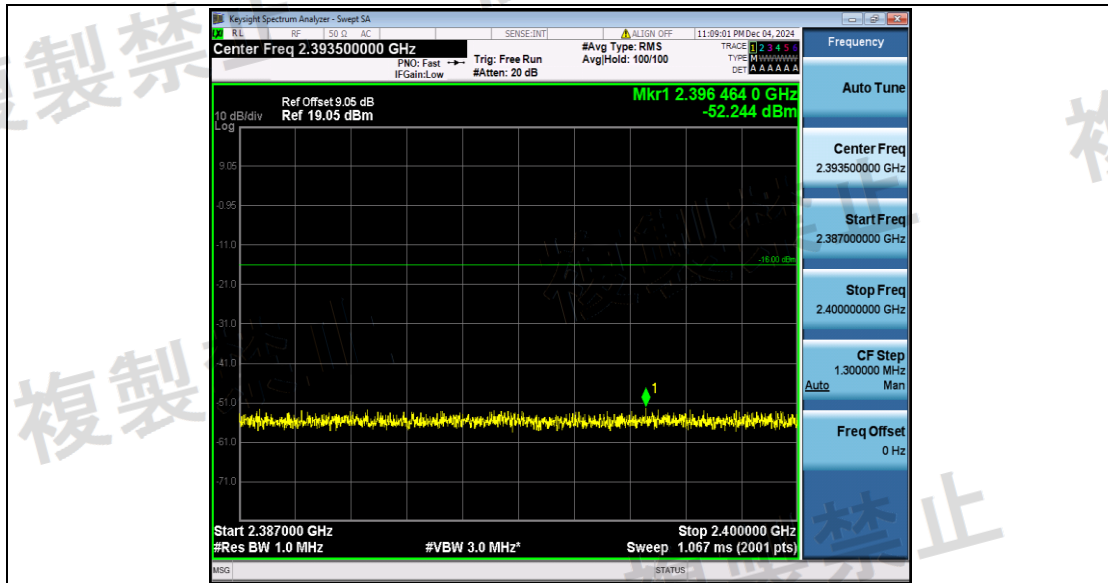


NTNV_BLE._Ant1_2402_2496.5~13000

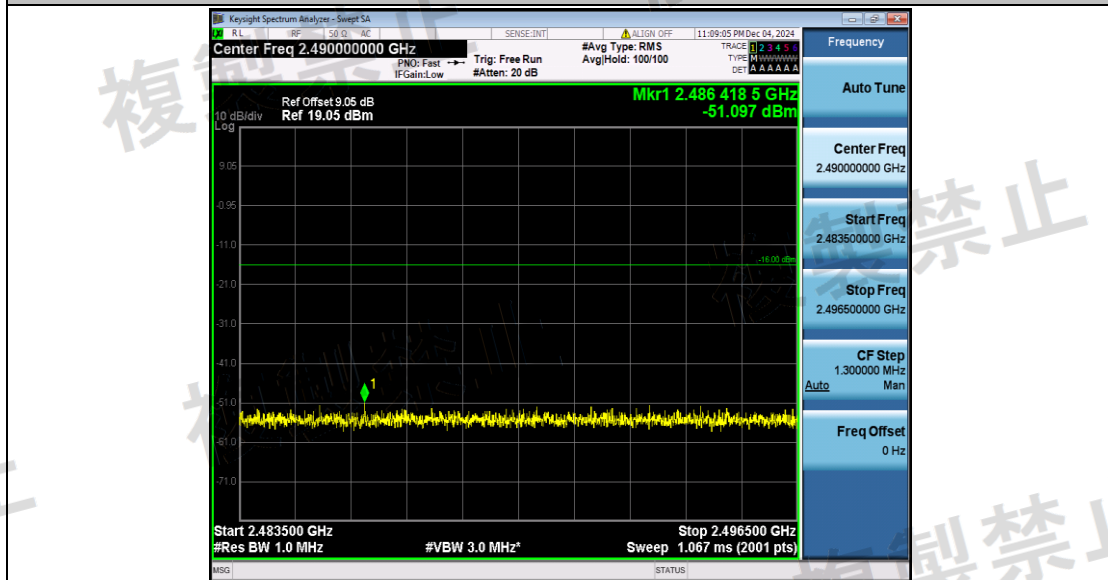




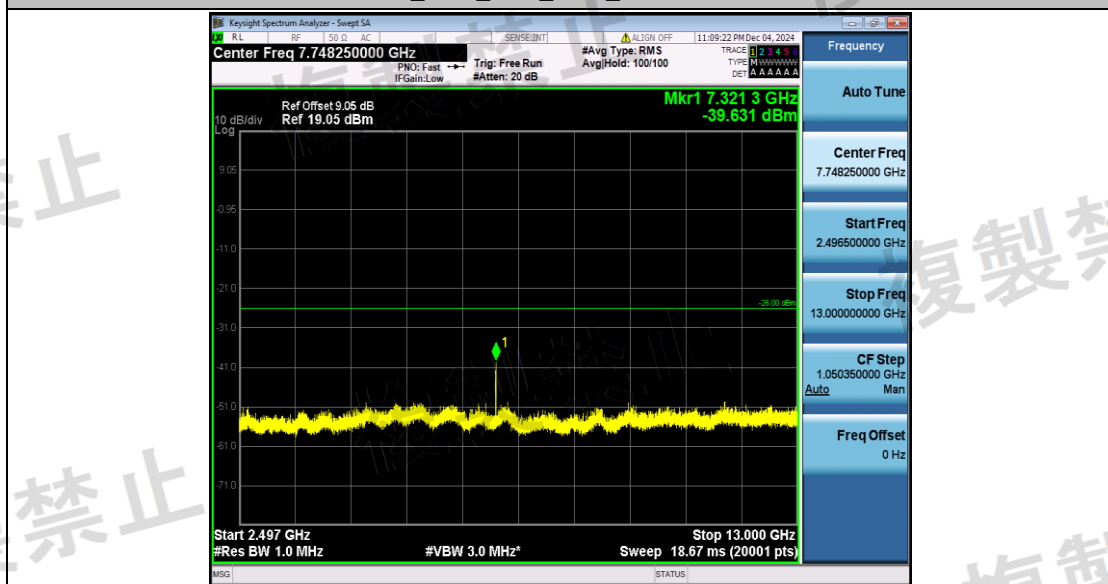
NTNV_BLE._Ant1_2440_2387~2400

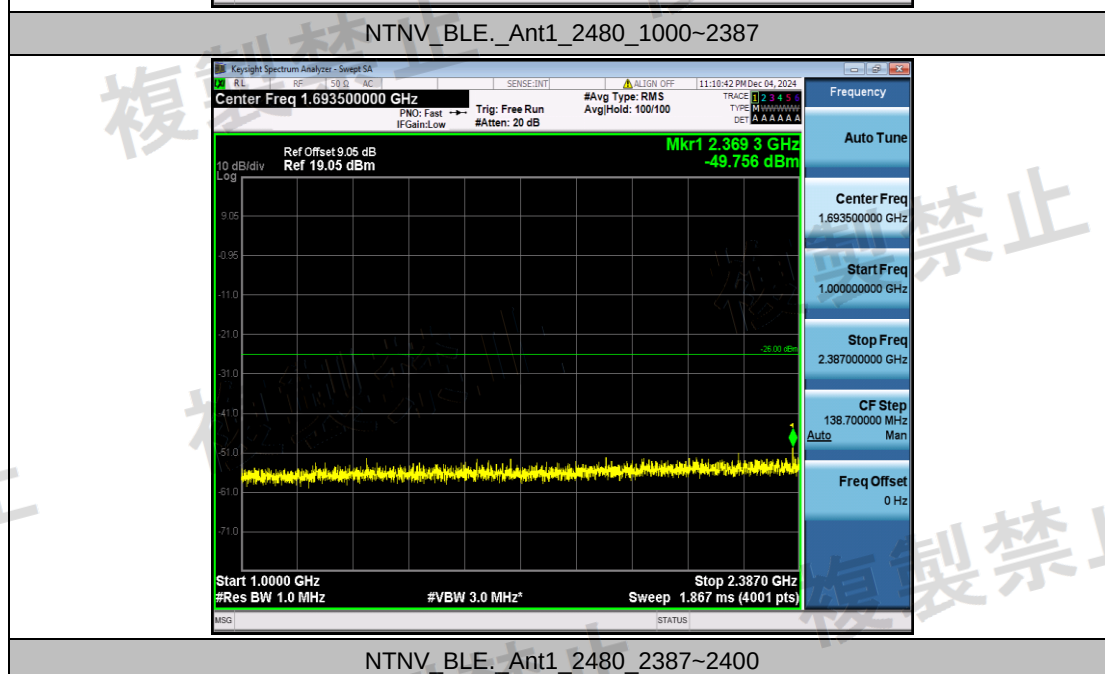
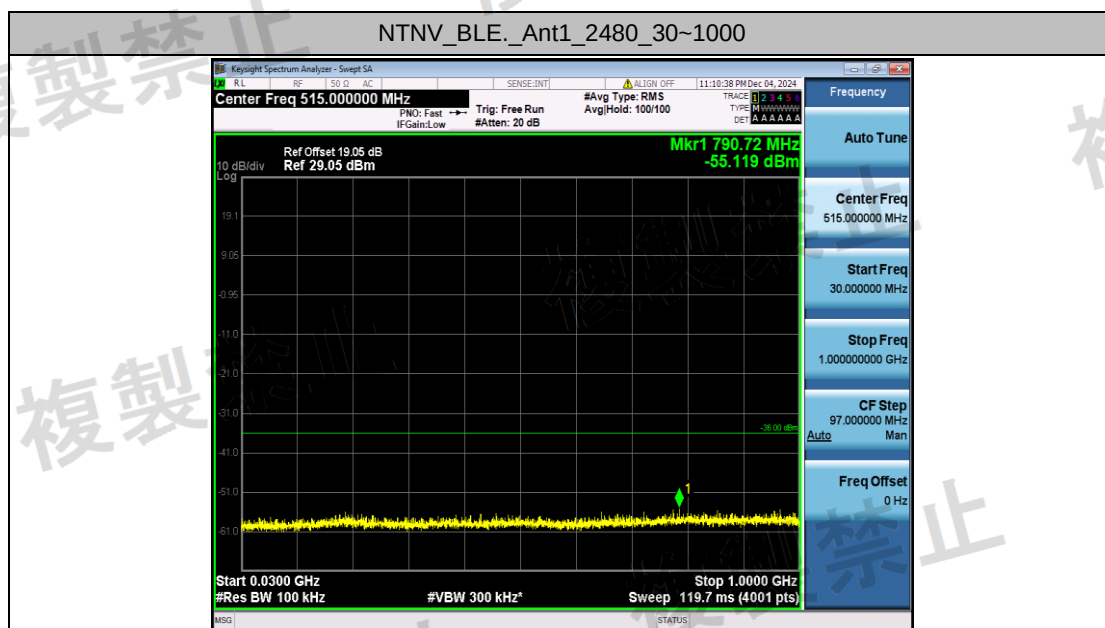


NTNV_BLE_Ant1_2440_2483.5~2496.5

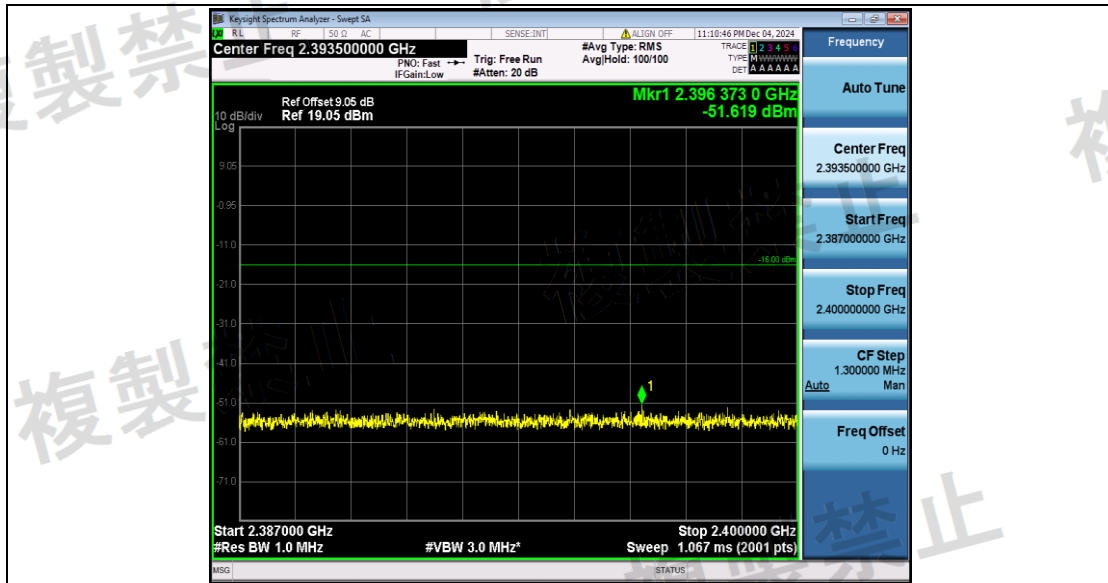


NTNV_BLE_Ant1_2440_2496.5~13000

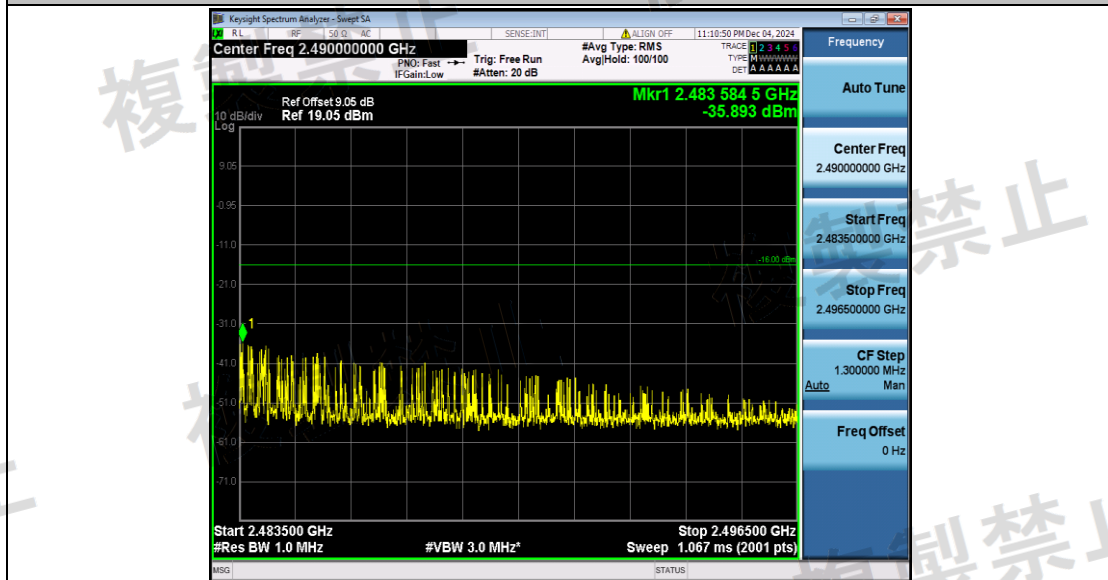




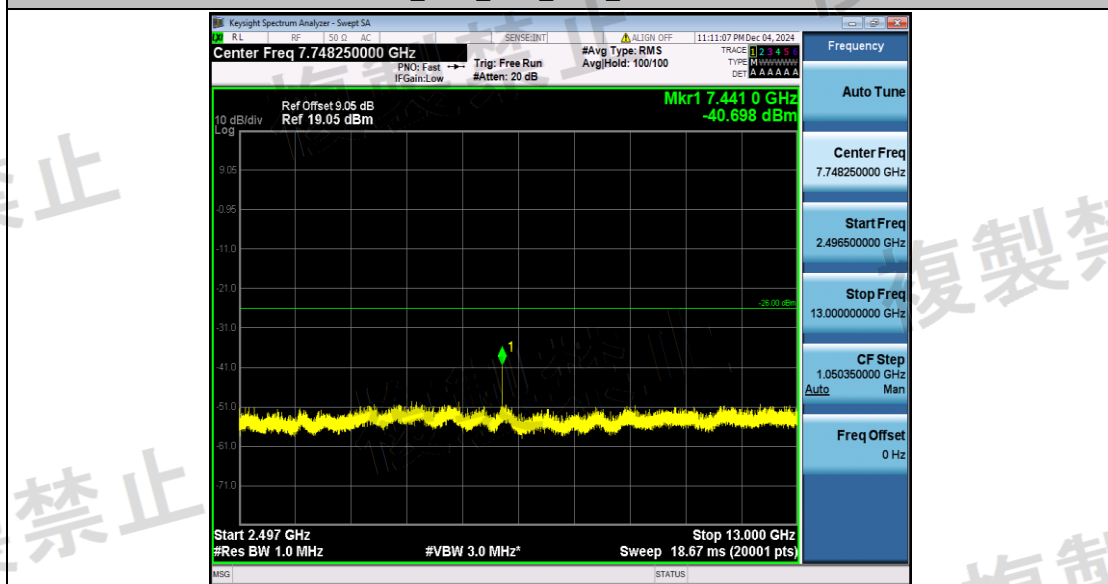
NTNV_BLE._Ant1_2480_2387~2400



NTNV_BLE._Ant1_2480_2483.5~2496.5



NTNV_BLE._Ant1_2480_2496.5~13000

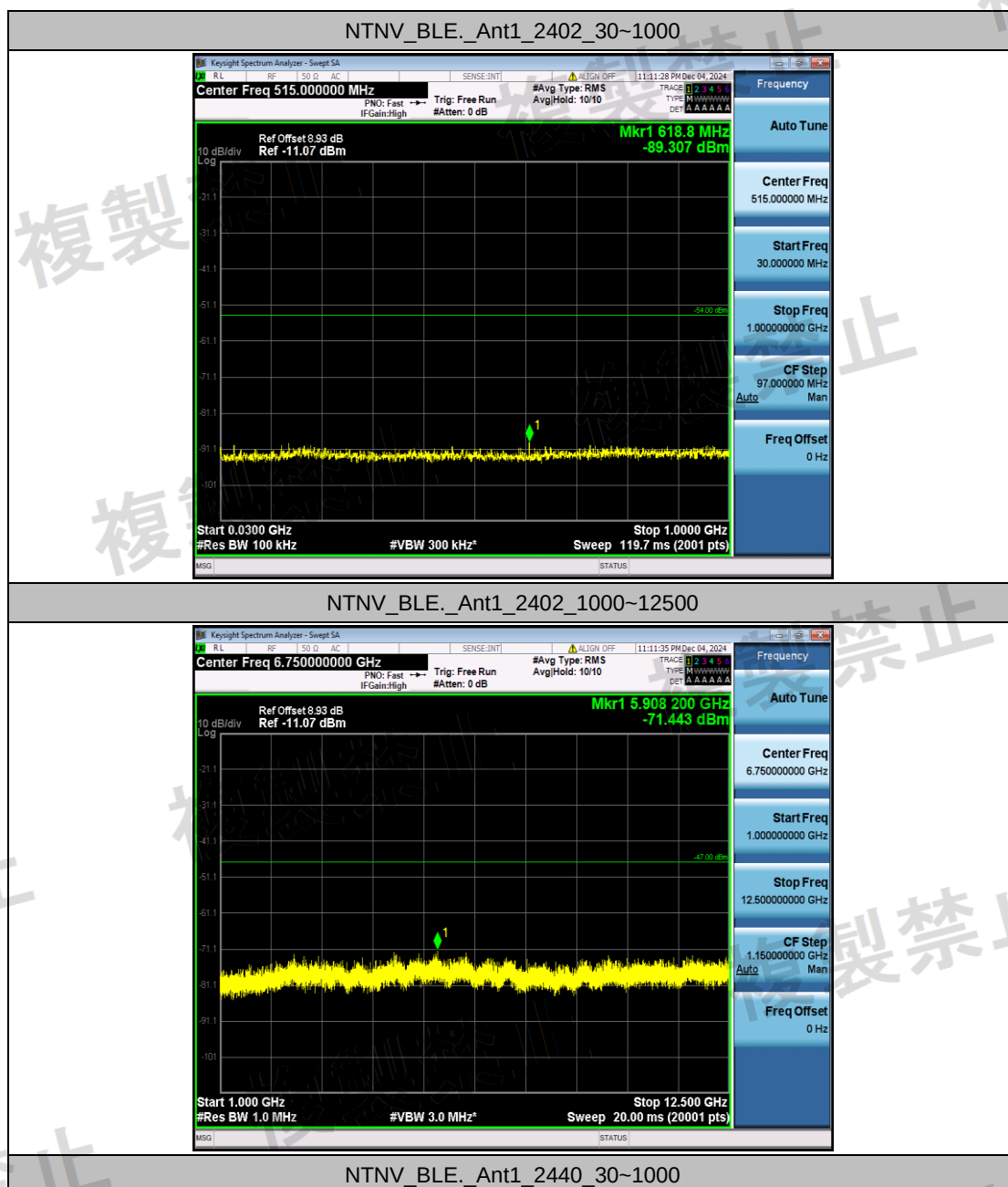


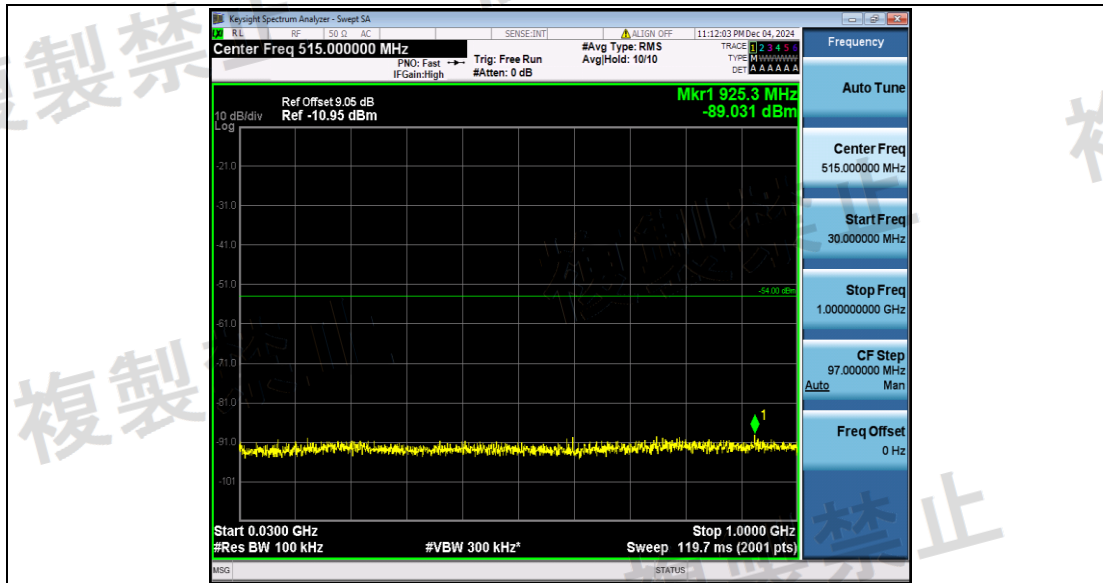
Appendix A.5: Spurious Emission of RX

Test Result

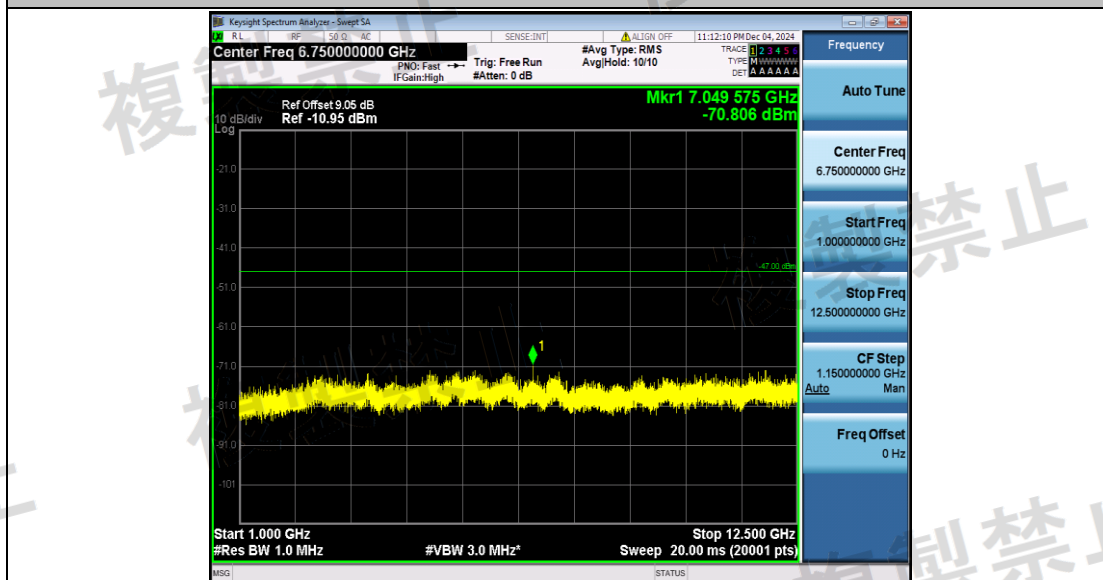
Test Condition	Test Mode	Antenna	Freq (MHz)	Freq.Range [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE.	Ant1	2402	30~1000	-89.31	≤-54	0.00117	≤4	PASS
				1000~12500	-71.44	≤-47	0.07178	≤20	PASS
			2440	30~1000	-89.03	≤-54	0.00125	≤4	PASS
				1000~12500	-70.81	≤-47	0.08299	≤20	PASS
			2480	30~1000	-89.29	≤-54	0.00118	≤4	PASS
				1000~12500	-71.5	≤-47	0.07079	≤20	PASS

Test Graphs





NTNV_BLE._Ant1_2440_1000~12500



NTNV_BLE._Ant1_2480_30~1000

