

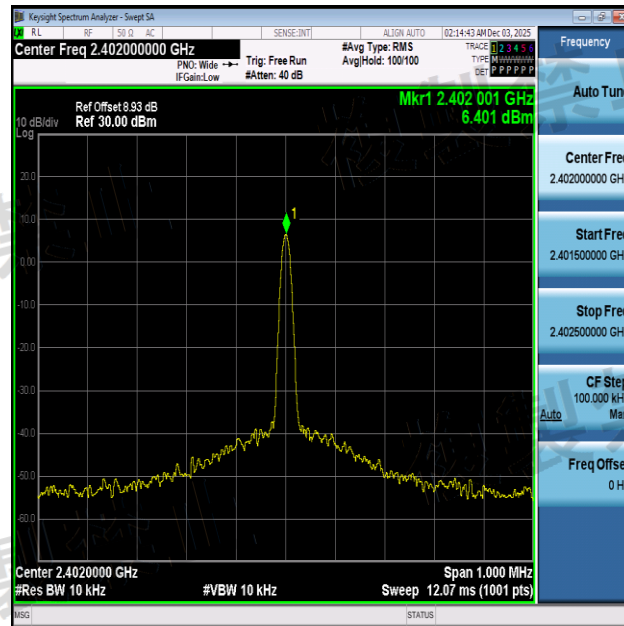
Case No. : <u>CTA25122501101</u>
Ambient Condition: <u>20℃,18%RH,101.325hpa,</u>
Test Date: <u>2025.12.1-2025.12.26</u> Test Engineer: <u>Lushan Kong</u>

AppendixA.1: Frequency Error

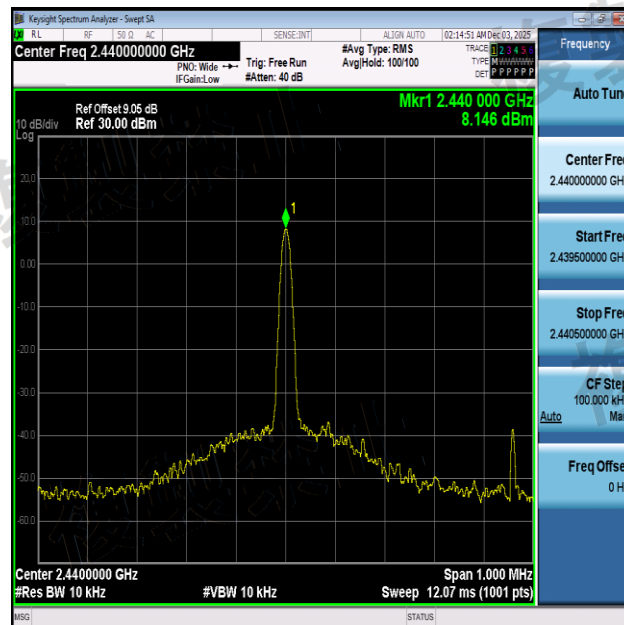
Test Result

TestCondition	TestMode	Antenna	Freq(MHz)	CenterFreq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	Carrier	Ant1	2402	2402.001	0.41632	±50	PASS
NTNV	Carrier	Ant1	2440	2440	0.00000	±50	PASS
NTNV	Carrier	Ant1	2480	2480.001	0.40323	±50	PASS

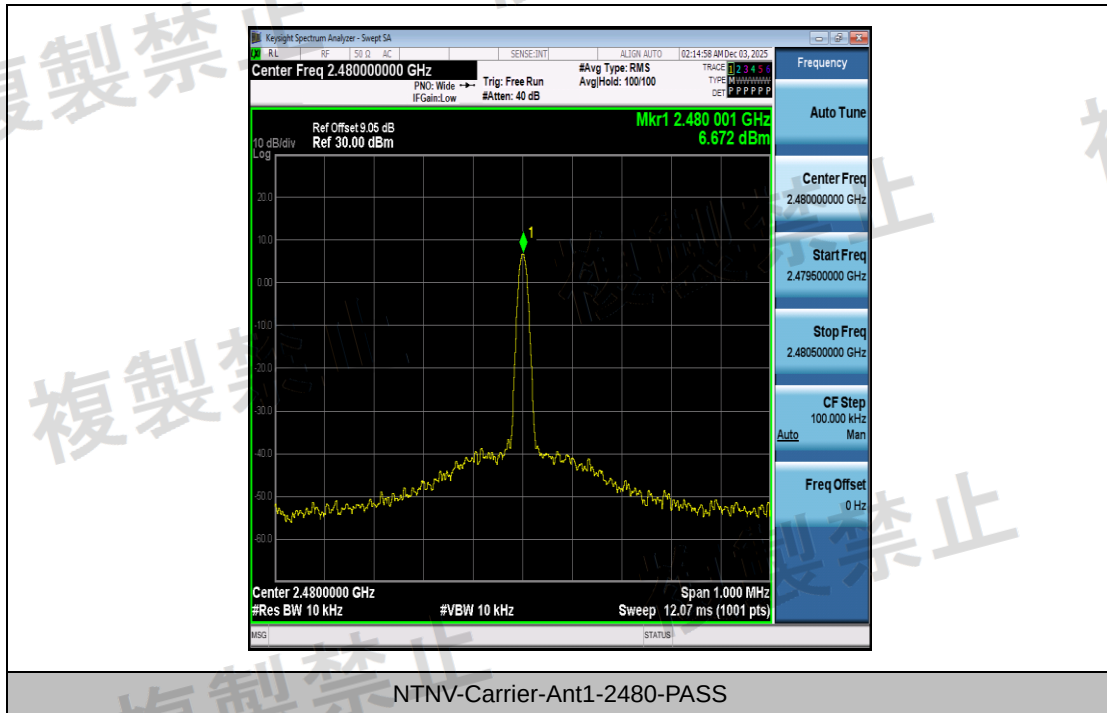
Test Graphs



NTNV-Carrier-Ant1-2402-PASS



NTNV-Carrier-Ant1-2440-PASS

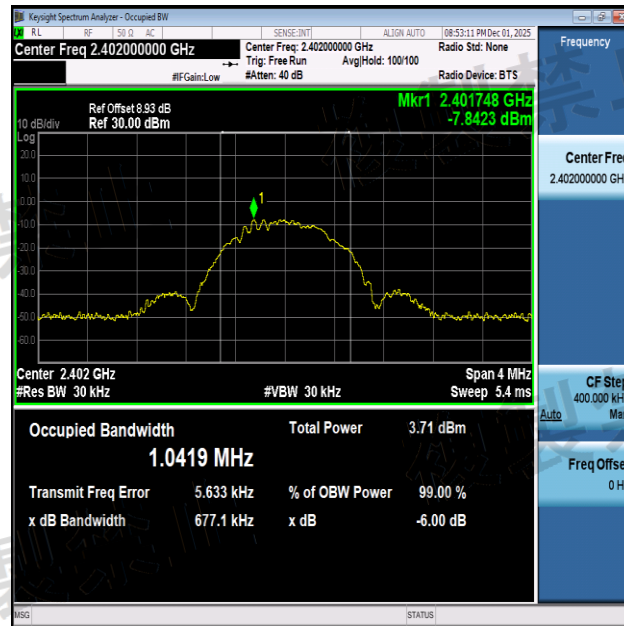


AppendixA.2: Occupied Bandwidth

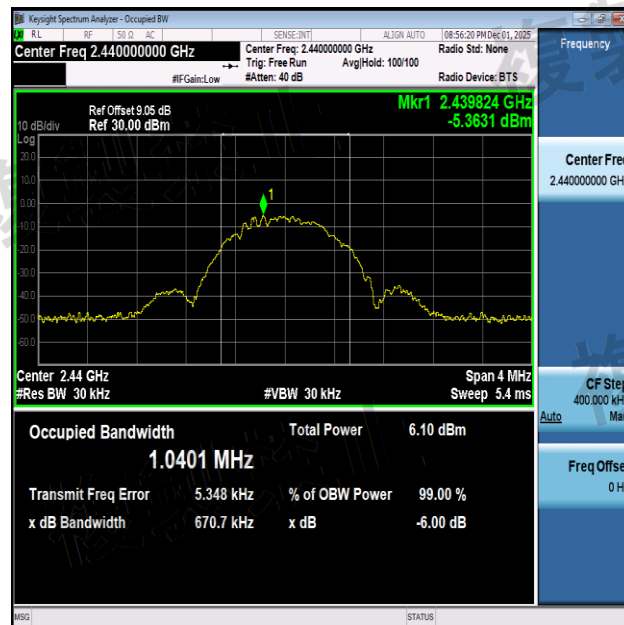
Test Result

TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	BLE	Ant1	2402	1.042	≤26	PASS
NTNV	BLE	Ant1	2440	1.040	≤26	PASS
NTNV	BLE	Ant1	2480	1.042	≤26	PASS

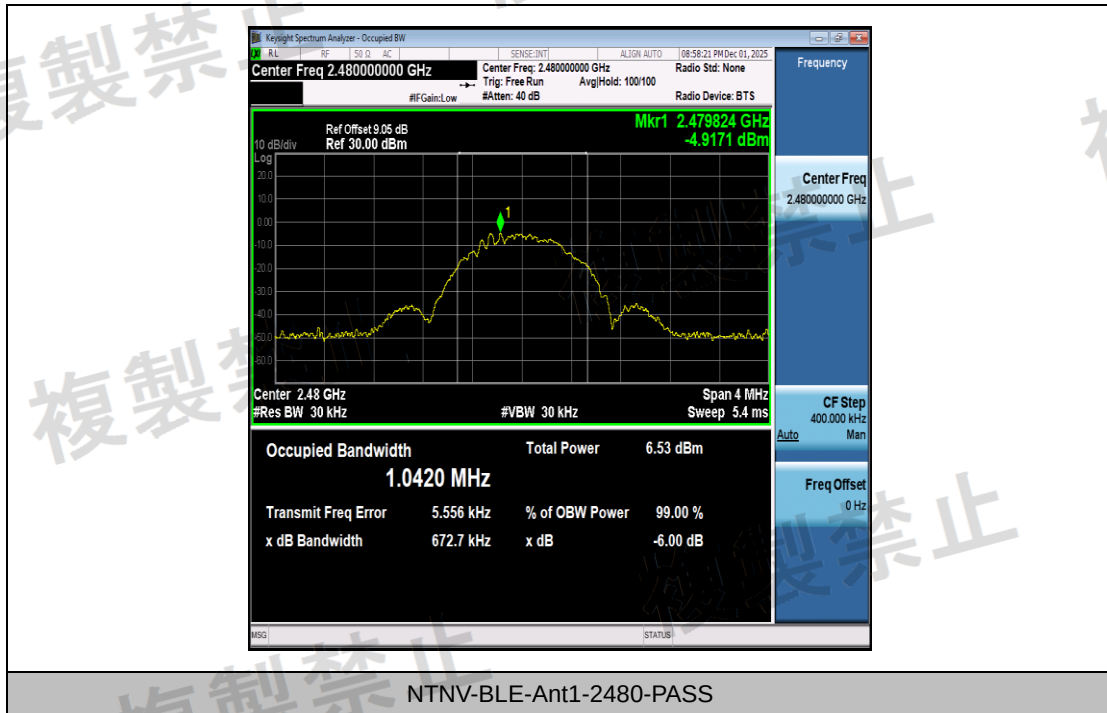
Test Graphs



NTNV-BLE-Ant1-2402-PASS



NTNV-BLE-Ant1-2440-PASS



AppendixA.3: Spread Bandwidth

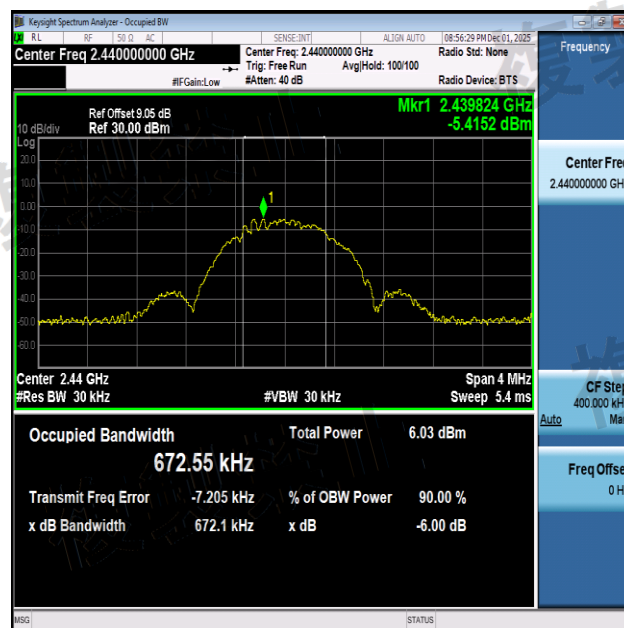
Test Result

TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	BLE	Ant1	2402	0.670	≥0.5	PASS
NTNV	BLE	Ant1	2440	0.673	≥0.5	PASS
NTNV	BLE	Ant1	2480	0.671	≥0.5	PASS

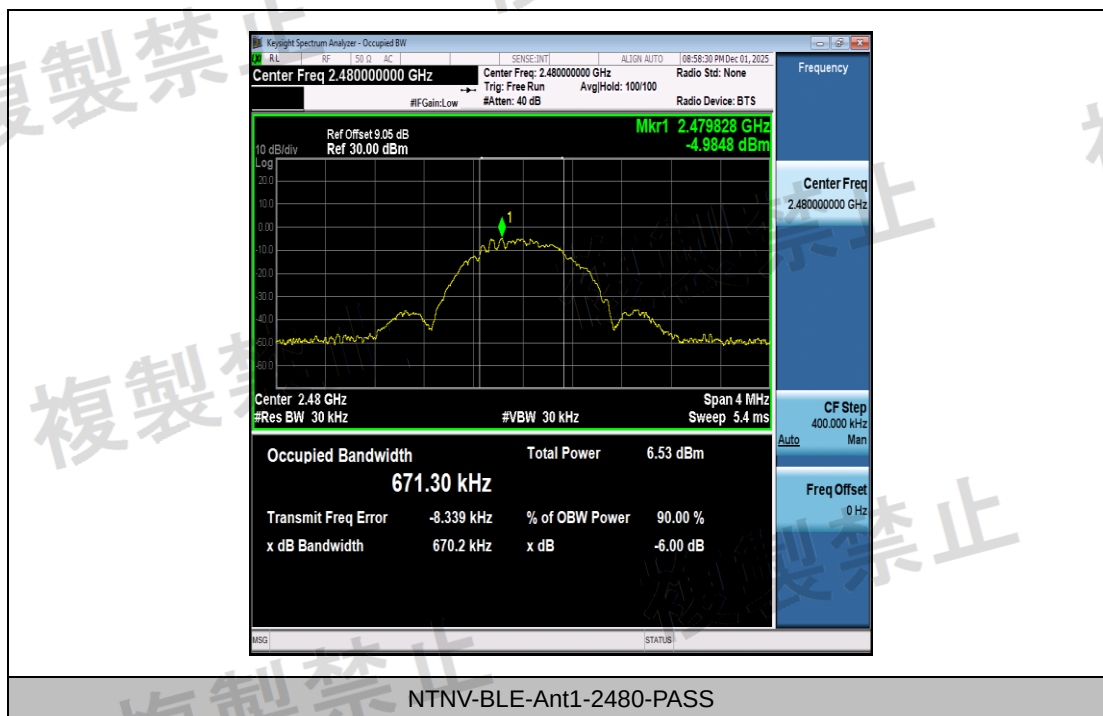
Test Graphs



NTNV-BLE-Ant1-2402-PASS



NTNV-BLE-Ant1-2440-PASS



Appendix A.4: Spurious Emission of TX

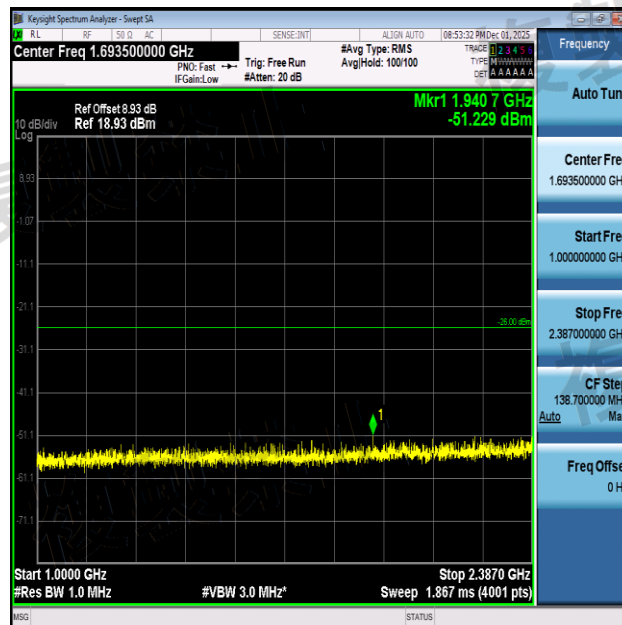
Test Result

TestCondition	TestMode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	BLE	Ant1	2402	30~1000	-52.16	≤-26	0.00608	≤2.5	PASS
NTNV	BLE	Ant1	2402	1000~2387	-51.23	≤-26	0.00753	≤2.5	PASS
NTNV	BLE	Ant1	2402	2387~2400	-39.69	≤-16	0.10740	≤25	PASS
NTNV	BLE	Ant1	2402	2483.5~2496.5	-48.68	≤-16	0.01355	≤25	PASS
NTNV	BLE	Ant1	2402	2496.5~13000	-49.60	≤-26	0.01096	≤2.5	PASS
NTNV	BLE	Ant1	2440	30~1000	-51.91	≤-26	0.00644	≤2.5	PASS
NTNV	BLE	Ant1	2440	1000~2387	-44.74	≤-26	0.03357	≤2.5	PASS
NTNV	BLE	Ant1	2440	2387~2400	-51.40	≤-16	0.00724	≤25	PASS
NTNV	BLE	Ant1	2440	2483.5~2496.5	-50.37	≤-16	0.00918	≤25	PASS
NTNV	BLE	Ant1	2440	2496.5~13000	-48.60	≤-26	0.01380	≤2.5	PASS
NTNV	BLE	Ant1	2480	30~1000	-51.78	≤-26	0.00664	≤2.5	PASS
NTNV	BLE	Ant1	2480	1000~2387	-41.31	≤-26	0.07396	≤2.5	PASS
NTNV	BLE	Ant1	2480	2387~2400	-51.04	≤-16	0.00787	≤25	PASS
NTNV	BLE	Ant1	2480	2483.5~2496.5	-45.34	≤-16	0.02924	≤25	PASS
NTNV	BLE	Ant1	2480	2496.5~13000	-48.49	≤-26	0.01416	≤2.5	PASS

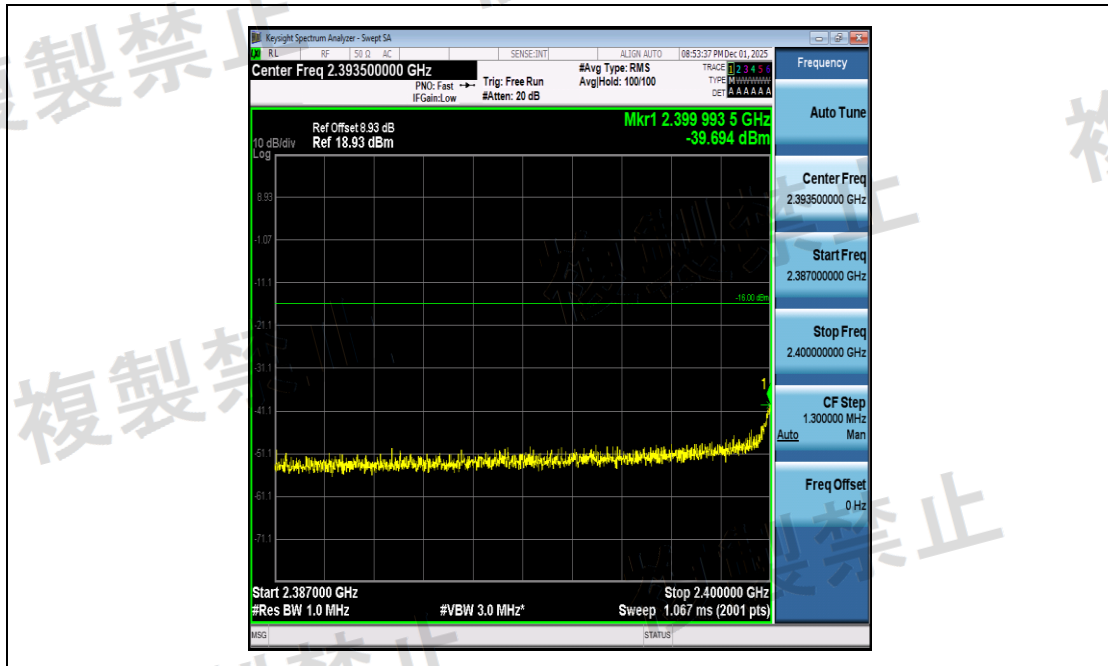
Test Graphs



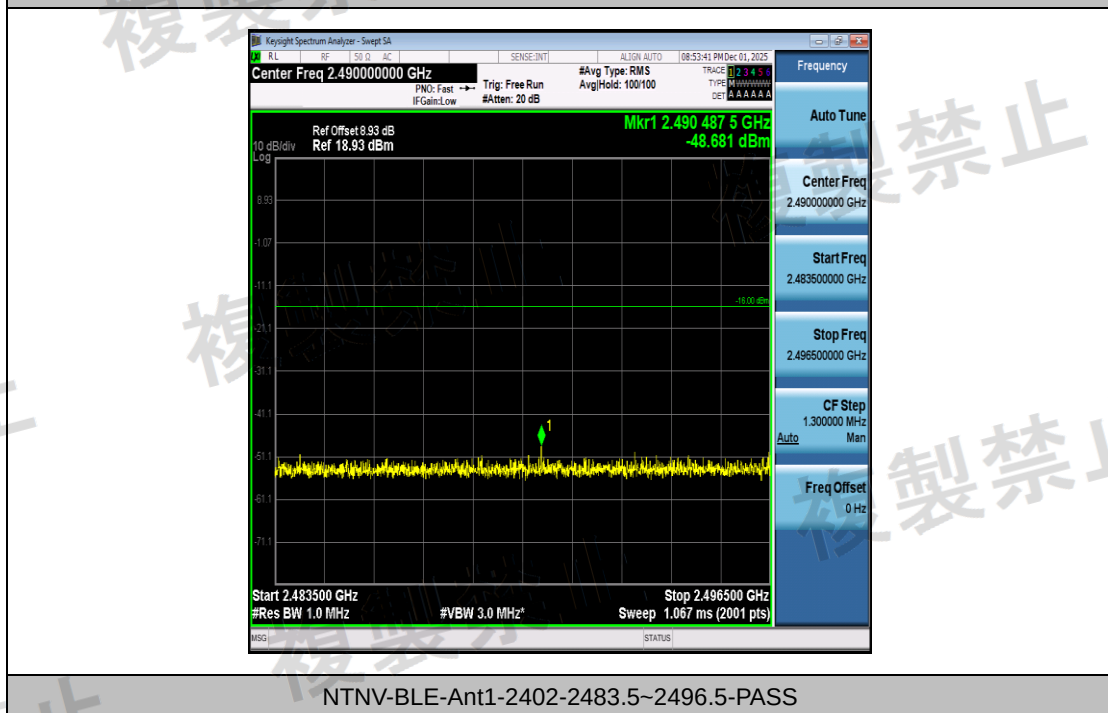
NTNV-BLE-Ant1-2402-30~1000-PASS



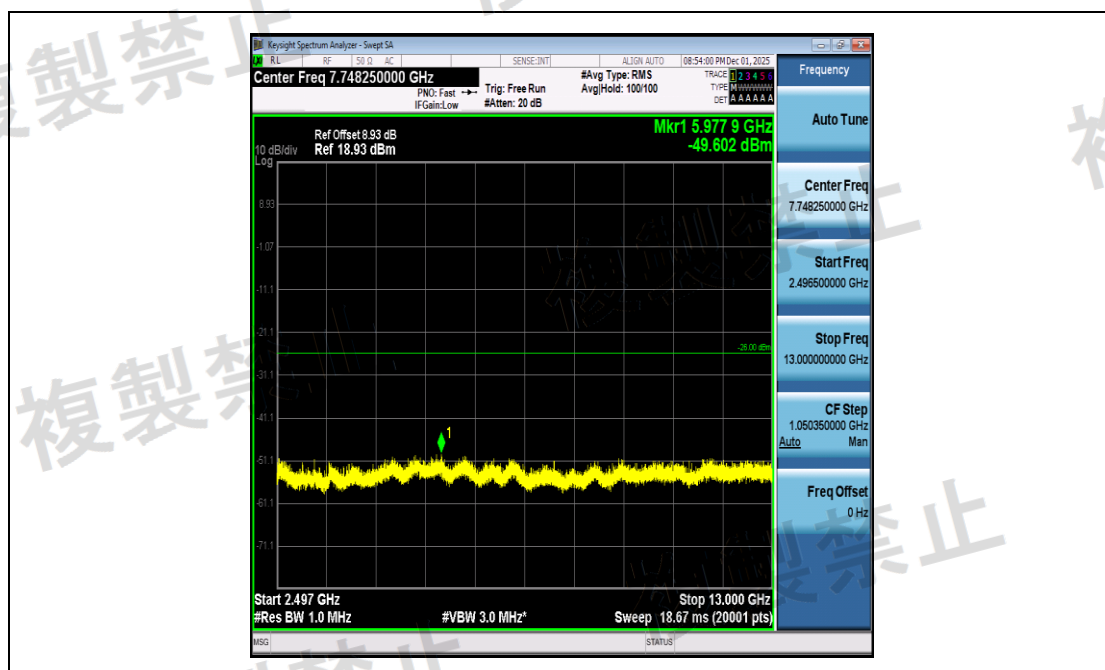
NTNV-BLE-Ant1-2402-1000~2387-PASS



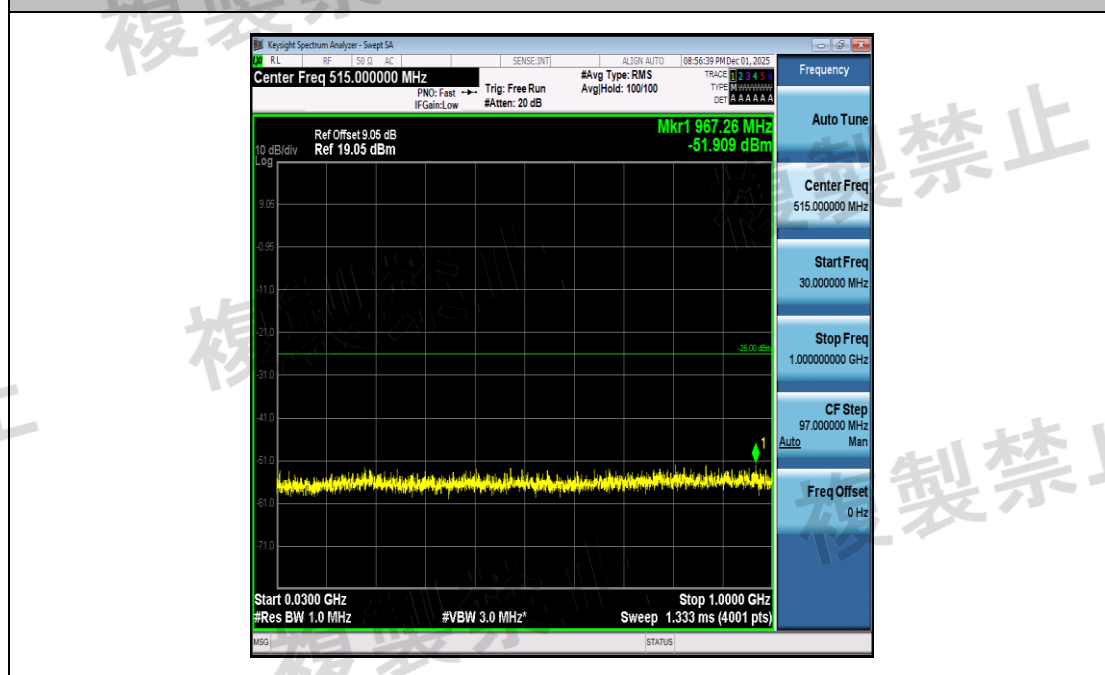
NTNV-BLE-Ant1-2402-2387~2400-PASS



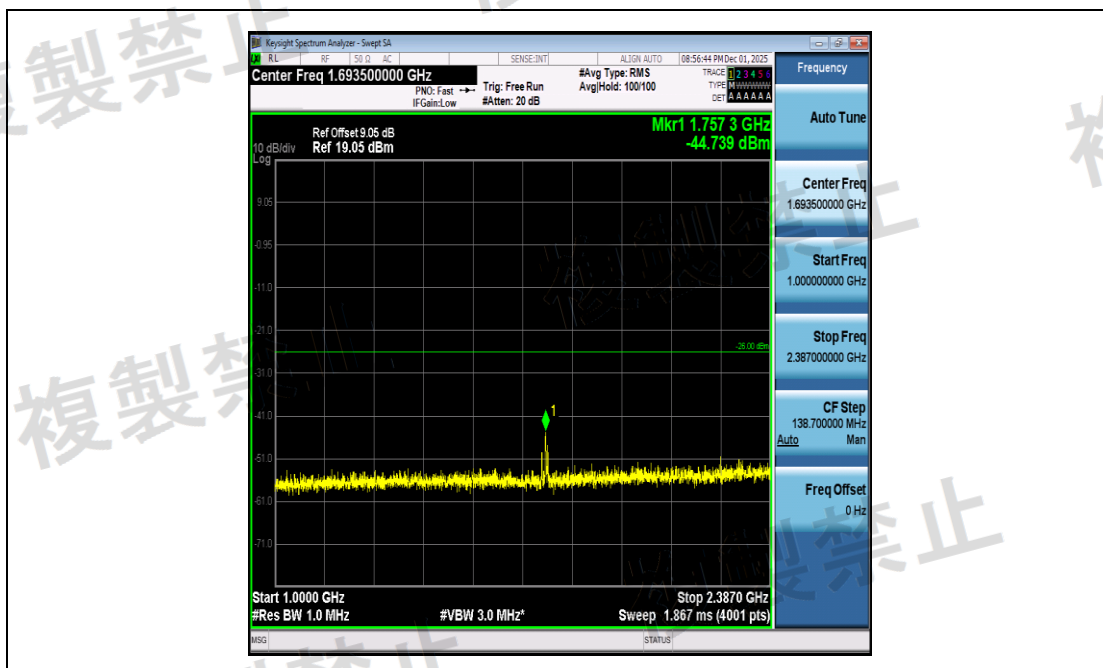
NTNV-BLE-Ant1-2402-2483.5~2496.5-PASS



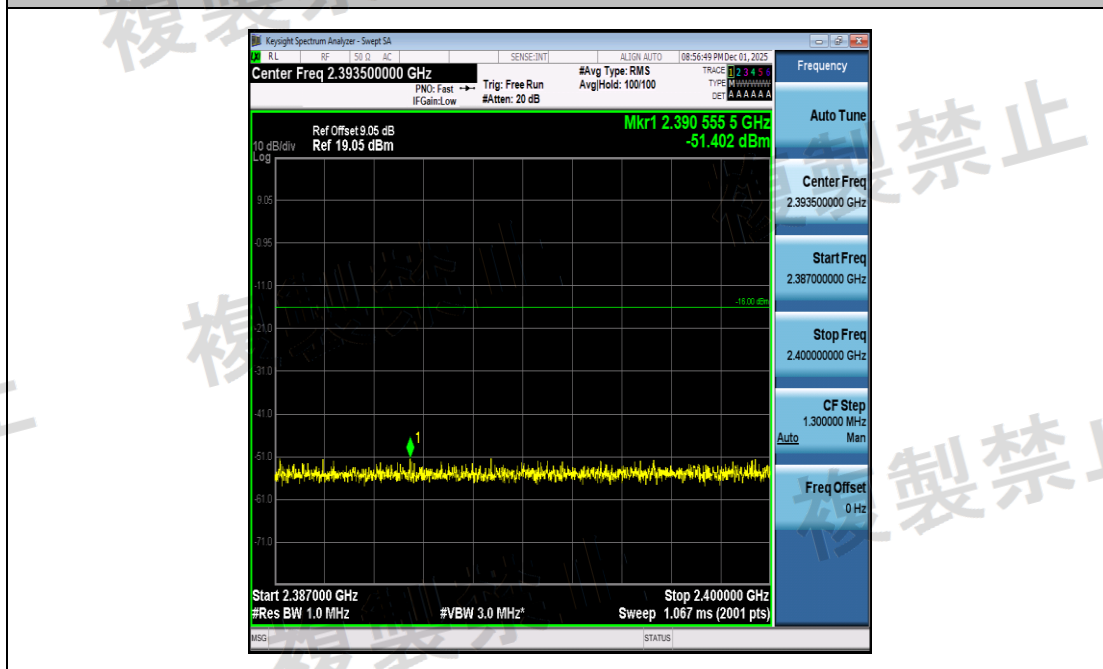
NTNV-BLE-Ant1-2402-2496.5~13000-PASS



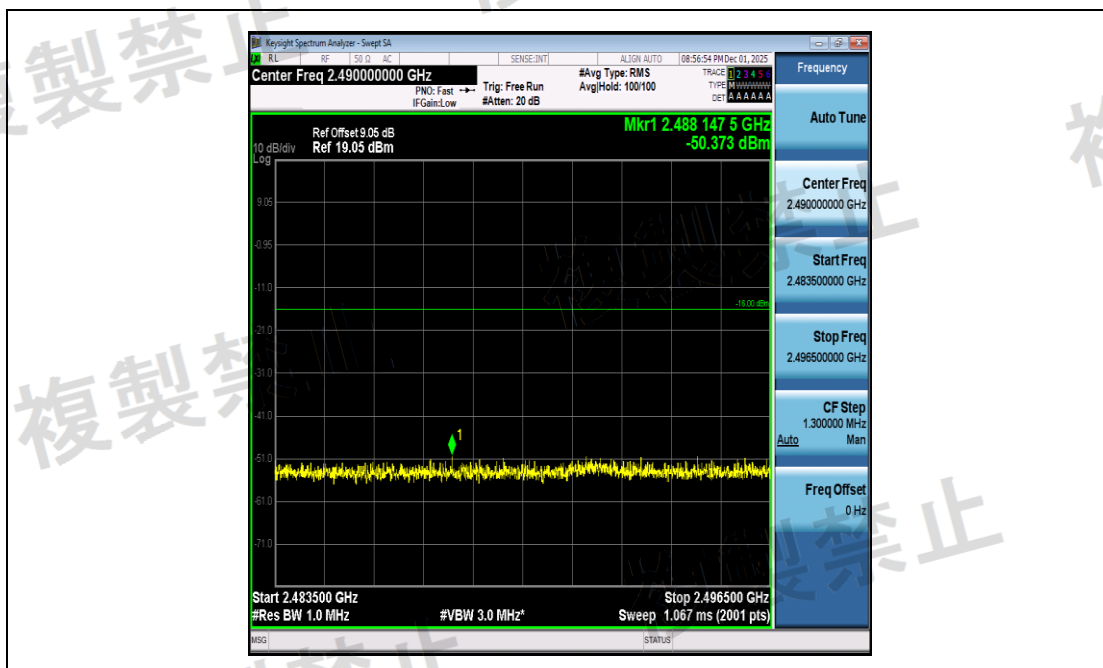
NTNV-BLE-Ant1-2440-30~1000-PASS



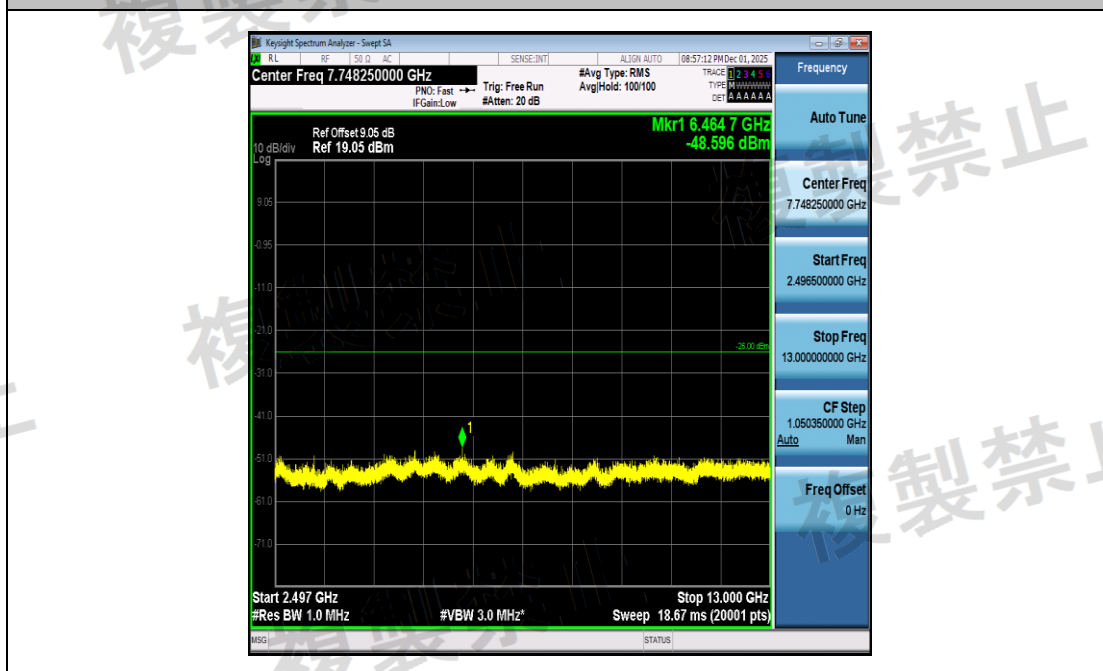
NTNV-BLE-Ant1-2440-1000~2387-PASS



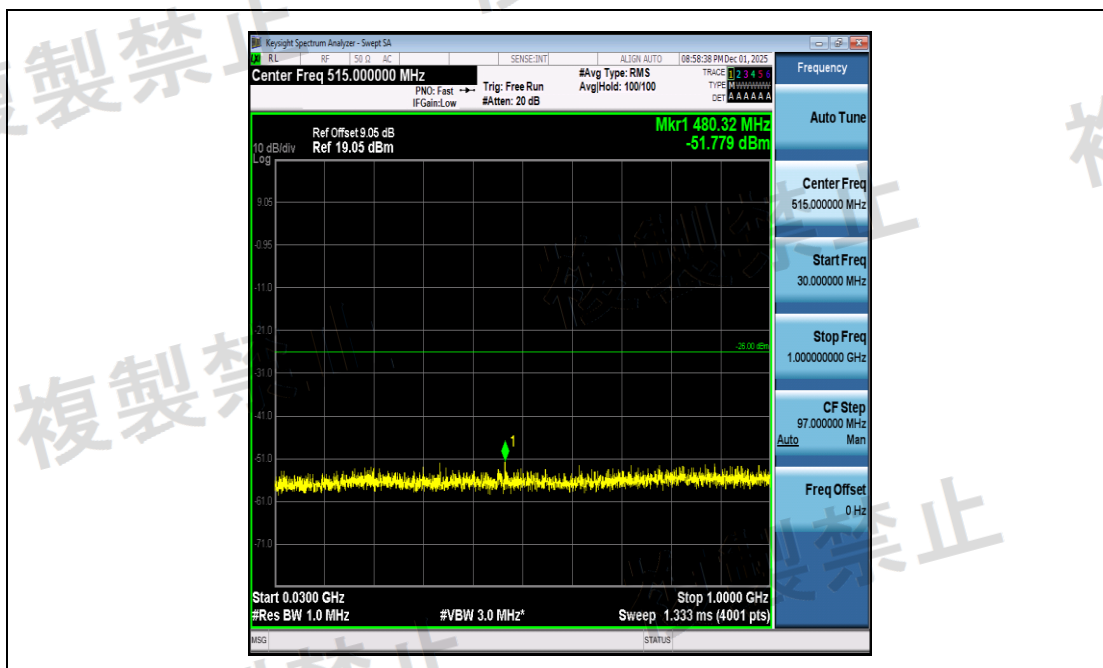
NTNV-BLE-Ant1-2440-2387~2400-PASS



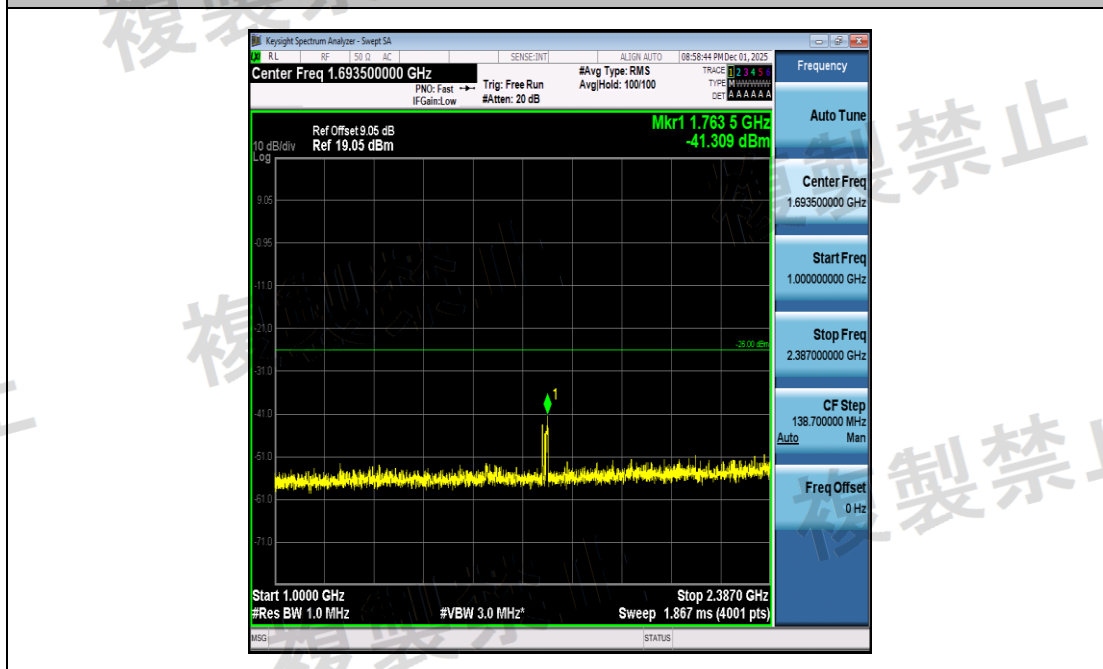
NTNV-BLE-Ant1-2440-2483.5~2496.5-PASS



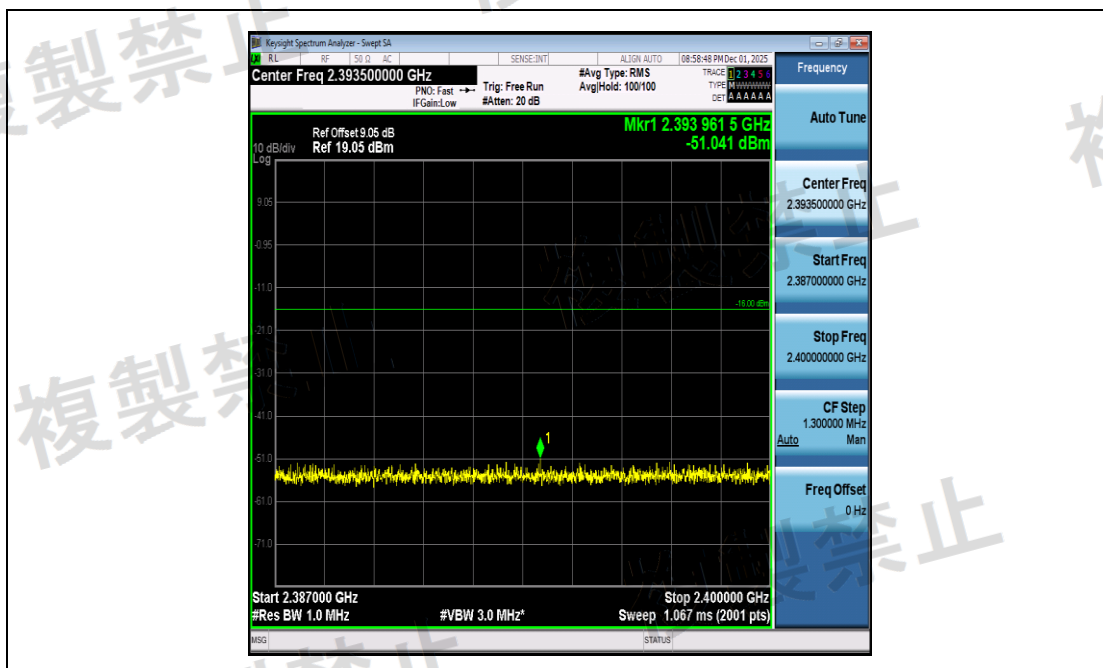
NTNV-BLE-Ant1-2440-2496.5~13000-PASS



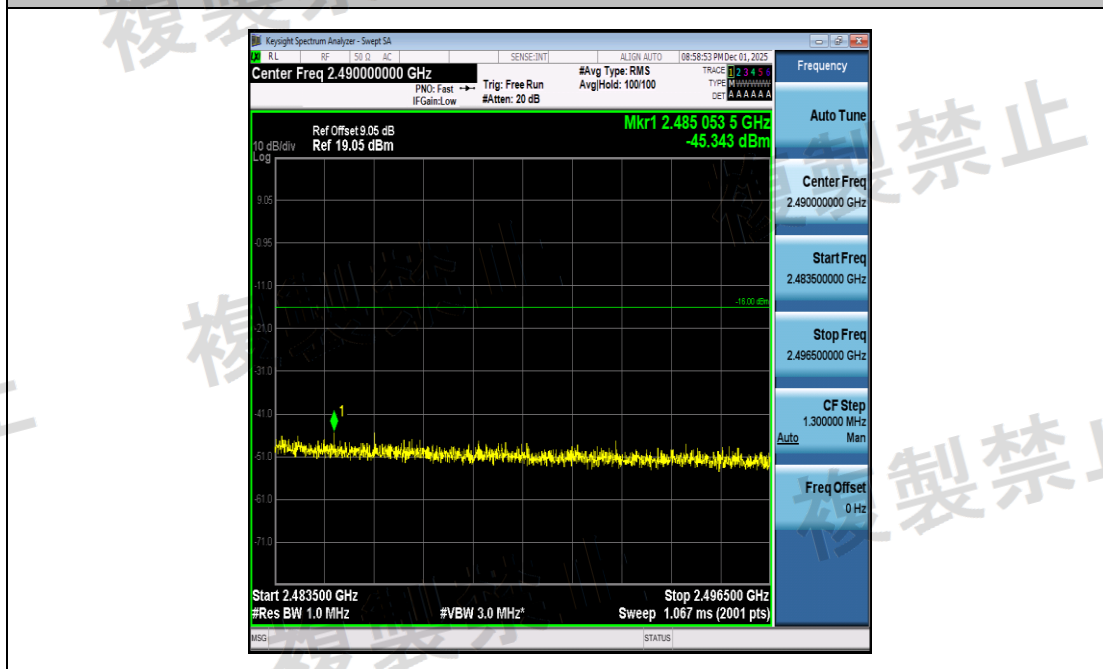
NTNV-BLE-Ant1-2480-30~1000-PASS



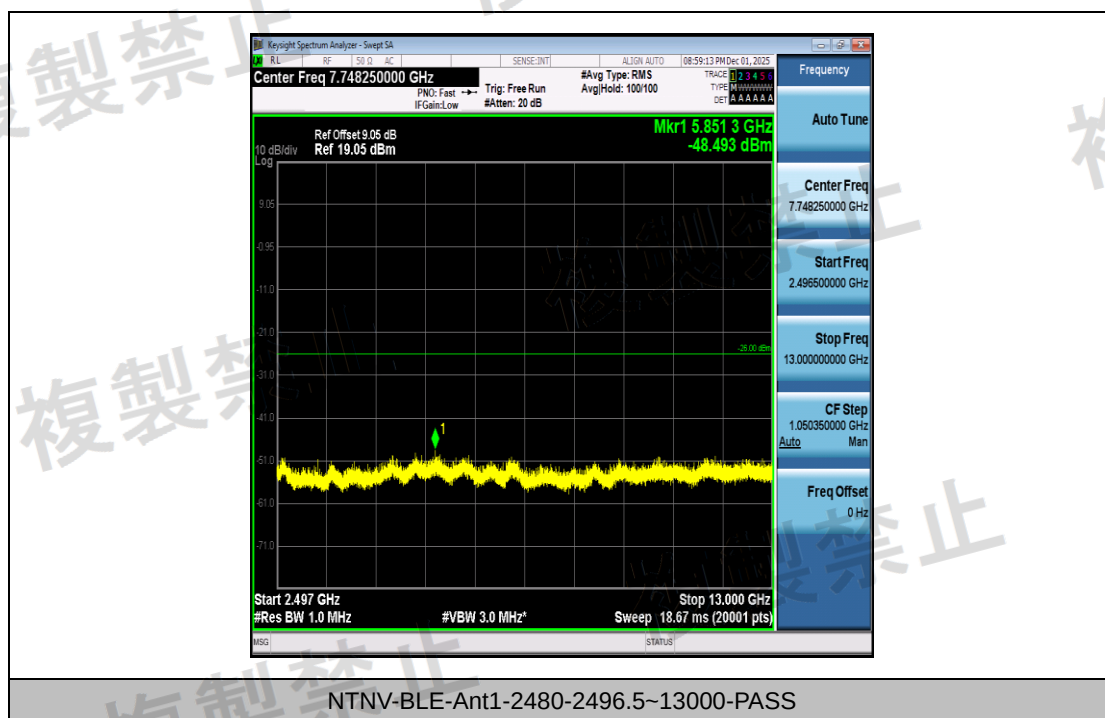
NTNV-BLE-Ant1-2480-1000~2387-PASS



NTNV-BLE-Ant1-2480-2387~2400-PASS



NTNV-BLE-Ant1-2480-2483.5~2496.5-PASS

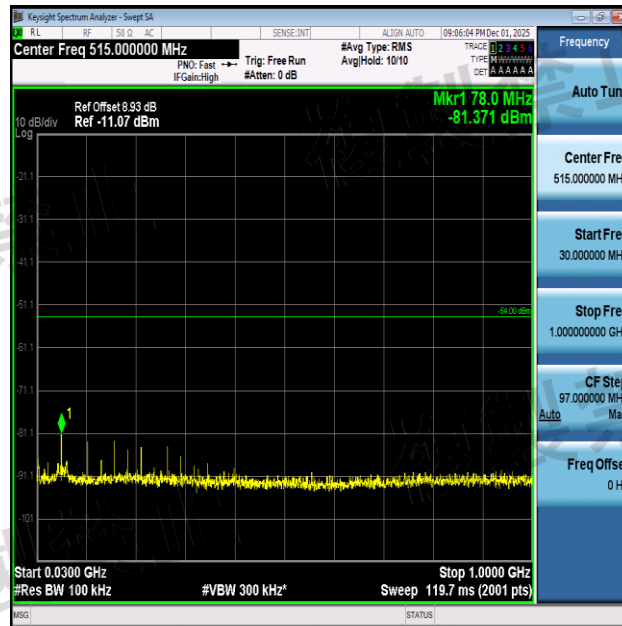


Appendix A.5: Spurious Emission of RX

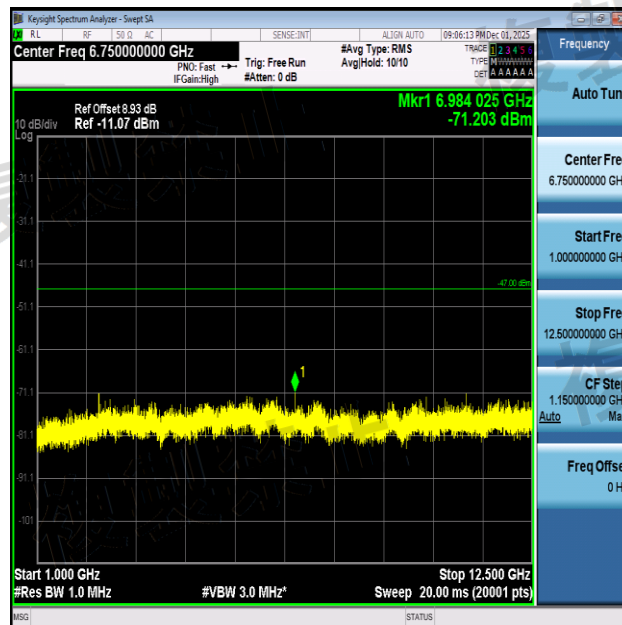
Test Result

TestCondition	TestMode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE	Ant1	2402	30~1000	-81.37	≤-54	0.00729	≤4	PASS
NTNV	BLE	Ant1	2402	1000~12500	-71.2	≤-47	0.07586	≤20	PASS
NTNV	BLE	Ant1	2440	30~1000	-80.88	≤-54	0.00817	≤4	PASS
NTNV	BLE	Ant1	2440	1000~12500	-66.21	≤-47	0.23933	≤20	PASS
NTNV	BLE	Ant1	2480	30~1000	-77.39	≤-54	0.01824	≤4	PASS
NTNV	BLE	Ant1	2480	1000~12500	-70.28	≤-47	0.09376	≤20	PASS

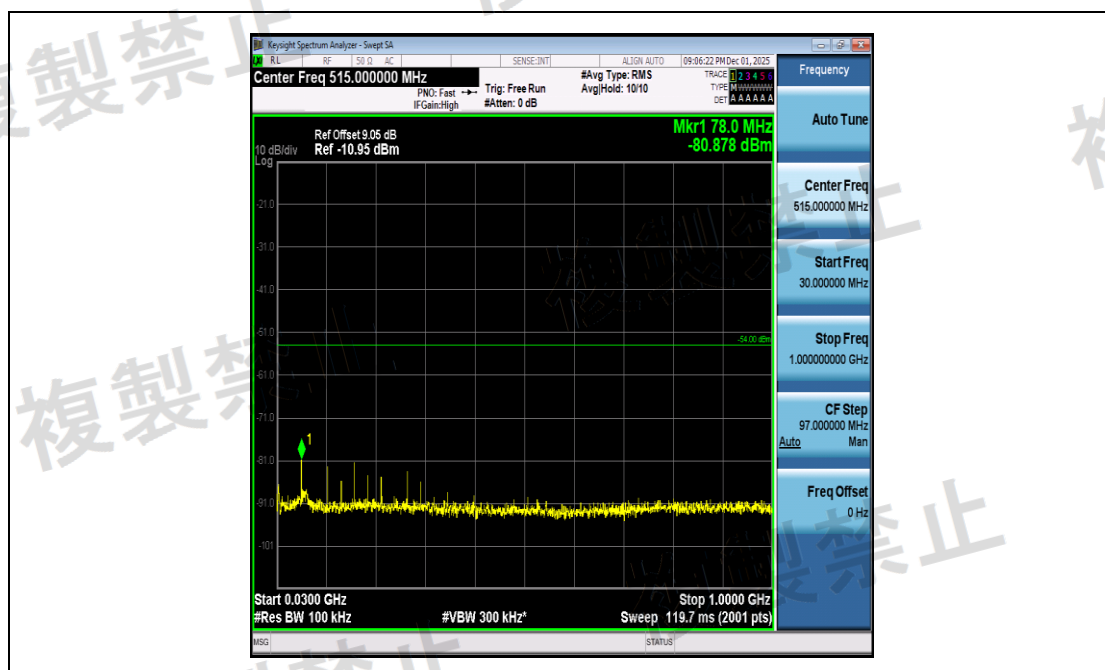
Test Graphs



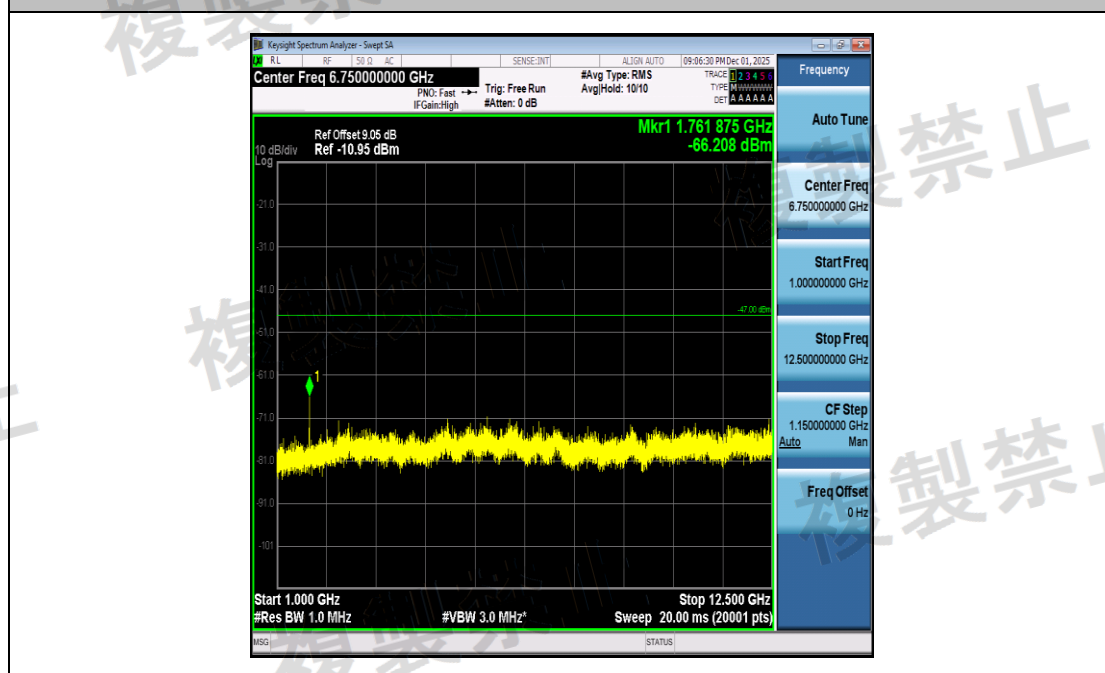
NTNV-BLE-Ant1-2402-30~1000-PASS



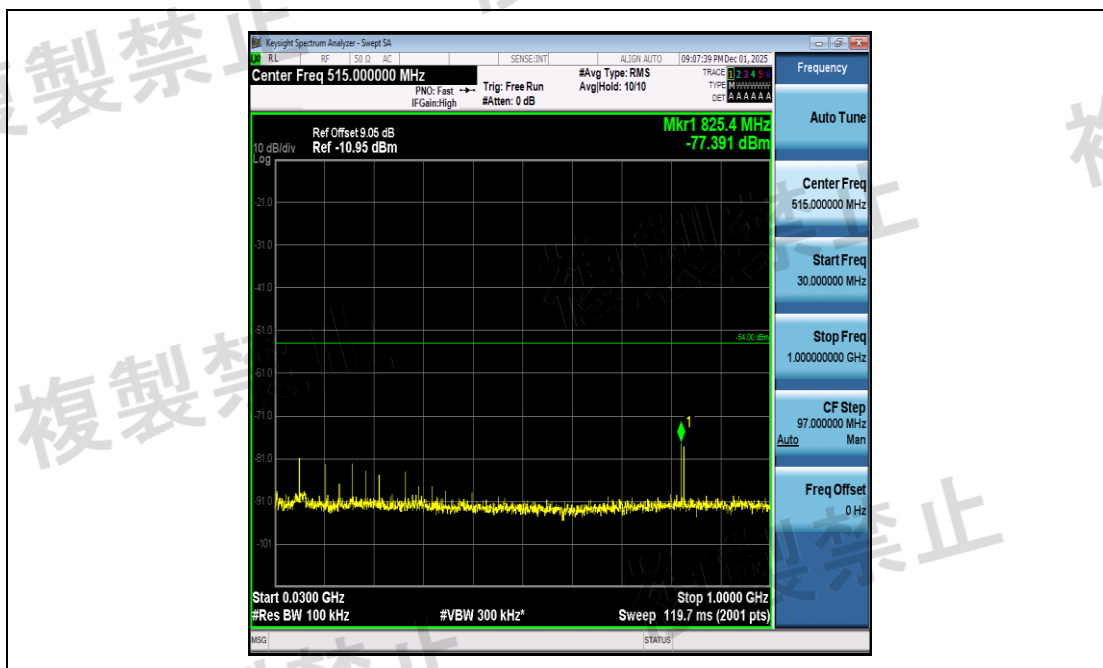
NTNV-BLE-Ant1-2402-1000~12500-PASS



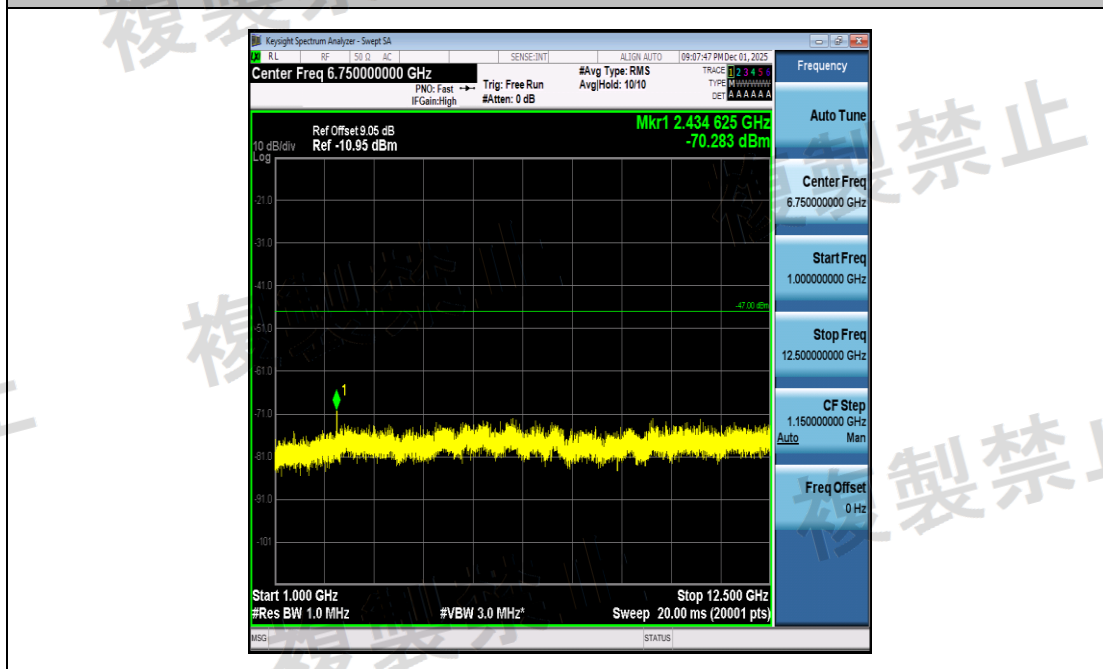
NTNV-BLE-Ant1-2440-30~1000-PASS



NTNV-BLE-Ant1-2440-1000~12500-PASS



NTNV-BLE-Ant1-2480-30~1000-PASS



NTNV-BLE-Ant1-2480-1000~12500-PASS