

Appendix A: Frequency Error

Test Result

TestCondition	TestMode	Antenna	Freq(MHz)	CenterFreq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	BLE_1M	Ant1	2402	2402	0.00000	±50	PASS
NTNV	BLE_1M	Ant1	2440	2439.988	-4.91803	±50	PASS
NTNV	BLE_1M	Ant1	2480	2480.003	1.20968	±50	PASS

Test Graphs

NTNV-BLE_1M-Ant1-2402-PASS



NTNV-BLE_1M-Ant1-2440-PASS



NTNV-BLE_1M-Ant1-2480-PASS



Appendix B: Antenna Power

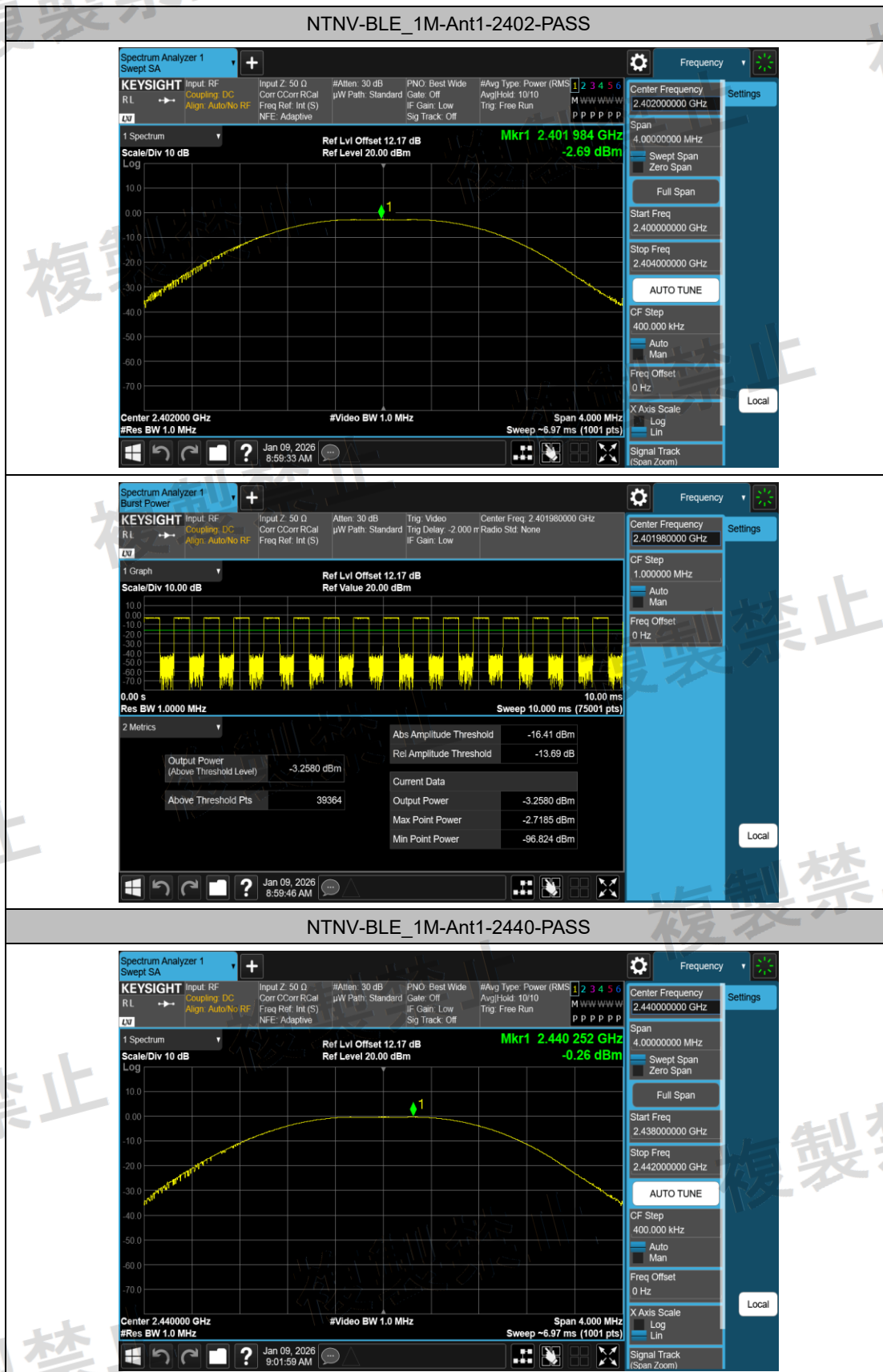
Test Result

TestCondition	TestMode	Antenna	Freq (MHz)	Result (dBm)	Result (mW)	Limit (mW)	Verdict
NTNV	BLE_1M	Ant1	2402	-3.26	0.4721	≤10	PASS
NTNV	BLE_1M	Ant1	2440	-1.53	0.7031	≤10	PASS
NTNV	BLE_1M	Ant1	2480	-0.70	0.8511	≤10	PASS

Test Condition	Test Mode	Antenna	Freq (MHz)	Power (mW)	RatedPower (mW)	Result (%)	Limit (%)	Verdict
NTNV	BLE_1M	Ant1	2402	0.4721	1	-52.8	-80 to +20	PASS
NTNV	BLE_1M	Ant1	2440	0.7031	1	-29.7	-80 to +20	PASS
NTNV	BLE_1M	Ant1	2480	0.8511	1	-14.9	-80 to +20	PASS

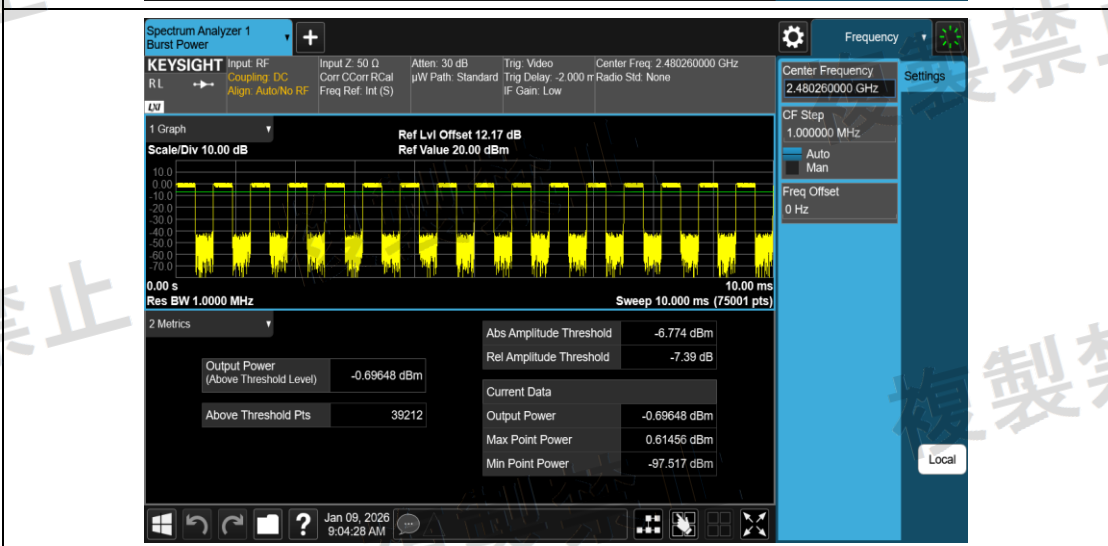
TestCondition	TestMode	Antenna	Freq (MHz)	Result (dBm)	EIRP (dBm)	Limit (mW)	Verdict
NTNV	BLE_1M	Ant1	2402	-3.26	-1.66	≤12.14	PASS
NTNV	BLE_1M	Ant1	2440	-1.53	0.07	≤12.14	PASS
NTNV	BLE_1M	Ant1	2480	-0.70	0.90	≤12.14	PASS

Test Graphs





NTNV-BLE_1M-Ant1-2480-PASS



Appendix C: Occupied Bandwidth

Test Result

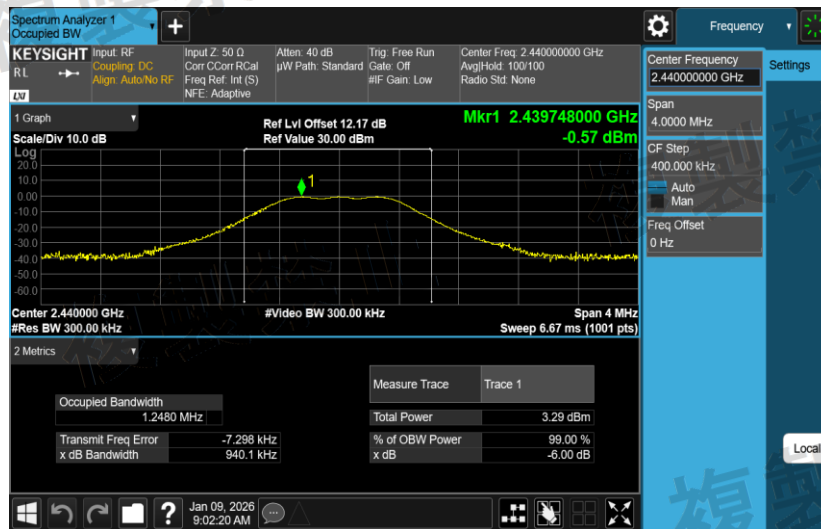
TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.256	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.248	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.255	≤26	PASS

Test Graphs

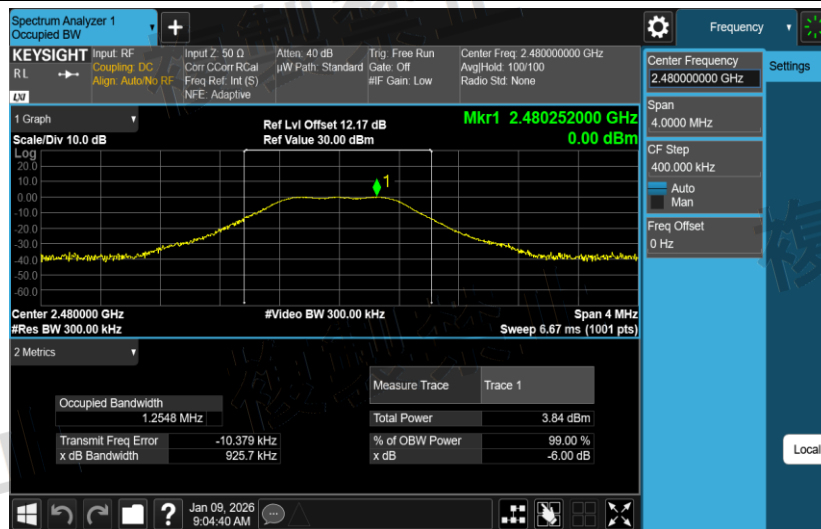
NTNV-BLE_1M-Ant1-2402-PASS



NTNV-BLE_1M-Ant1-2440-PASS



NTNV-BLE_1M-Ant1-2480-PASS



Appendix D: Spread Bandwidth

Test Result

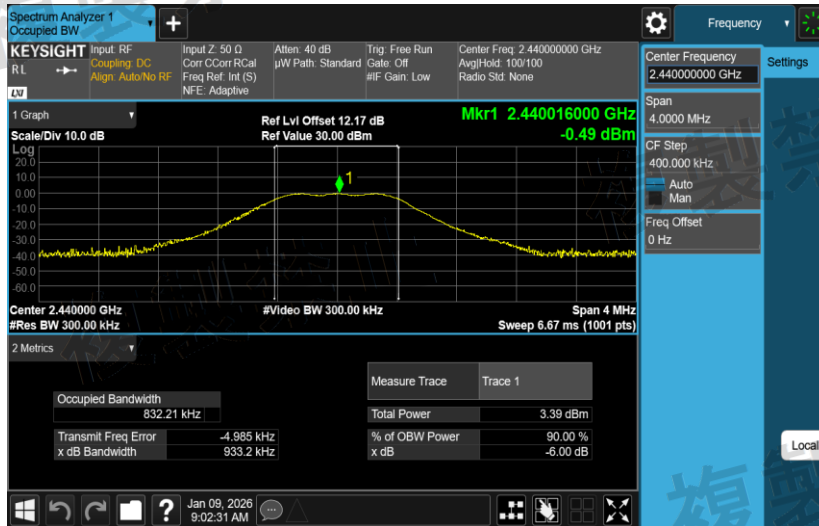
TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	0.833	≥0.5	PASS
NTNV	BLE_1M	Ant1	2440	0.832	≥0.5	PASS
NTNV	BLE_1M	Ant1	2480	0.833	≥0.5	PASS

Test Graphs

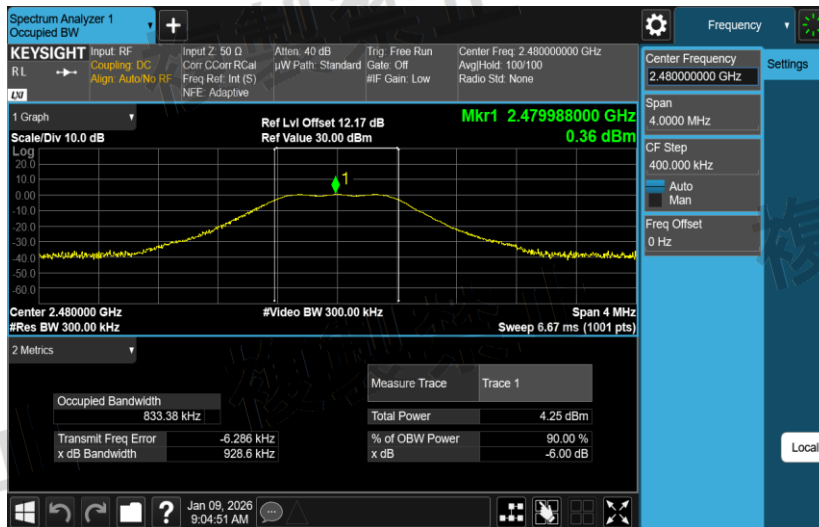
NTNV-BLE_1M-Ant1-2402-PASS



NTNV-BLE_1M-Ant1-2440-PASS



NTNV-BLE_1M-Ant1-2480-PASS



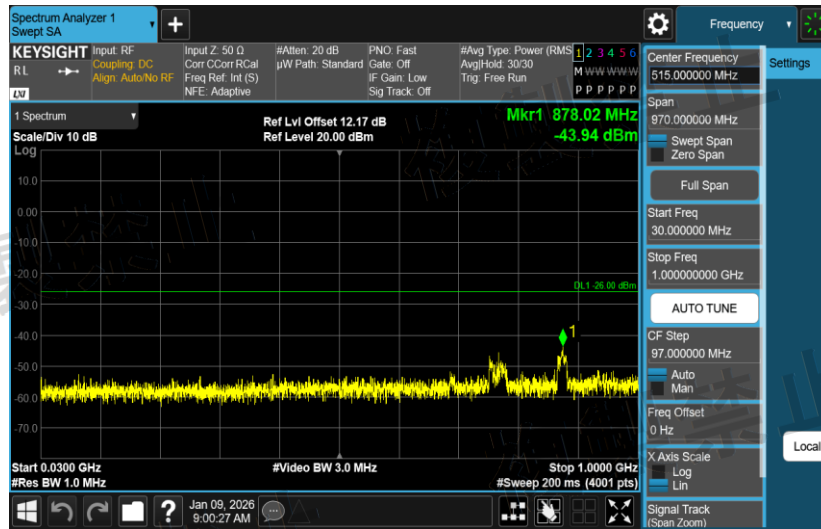
Appendix E: Spurious Emission of TX

Test Result

TestCondition	TestMode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	-43.94	≤-26	0.04036	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	1000~2387	-45.89	≤-26	0.02576	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	2387~2400	-34.63	≤-16	0.34435	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2483.5~2496.5	-39.16	≤-16	0.12134	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2496.5~13000	-34.72	≤-26	0.33729	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	-43.18	≤-26	0.04808	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	1000~2387	-45.42	≤-26	0.02871	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	2387~2400	-38.57	≤-16	0.13900	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2483.5~2496.5	-39.06	≤-16	0.12417	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2496.5~13000	-43.80	≤-26	0.04169	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	-44.12	≤-26	0.03873	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	1000~2387	-46.00	≤-26	0.02512	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	2387~2400	-40.24	≤-16	0.09462	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2483.5~2496.5	-39.47	≤-16	0.11298	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2496.5~13000	-35.61	≤-26	0.27479	≤2.5	PASS

Test Graphs

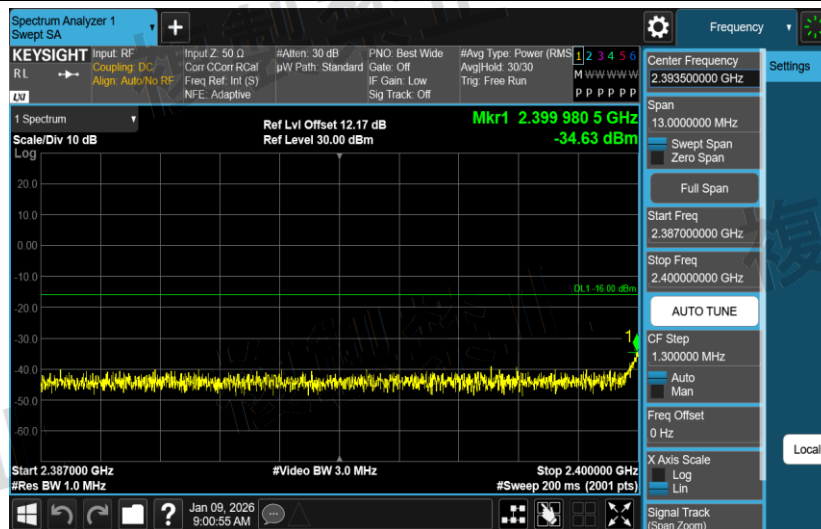
NTNV-BLE_1M-Ant1-2402-30~1000-PASS

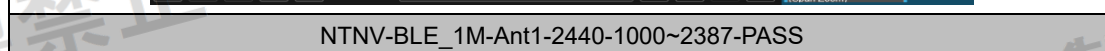
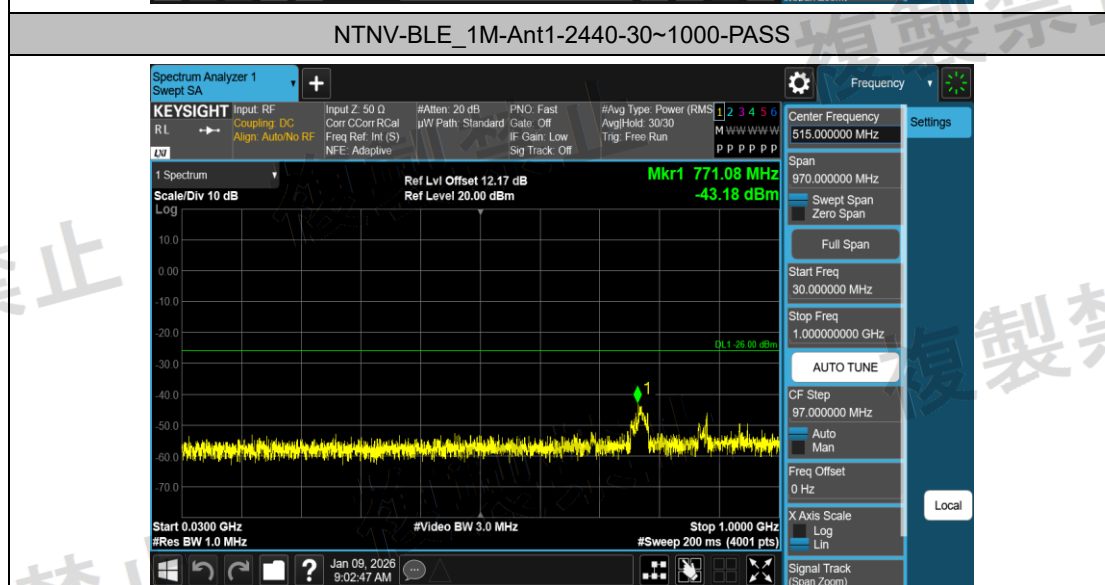
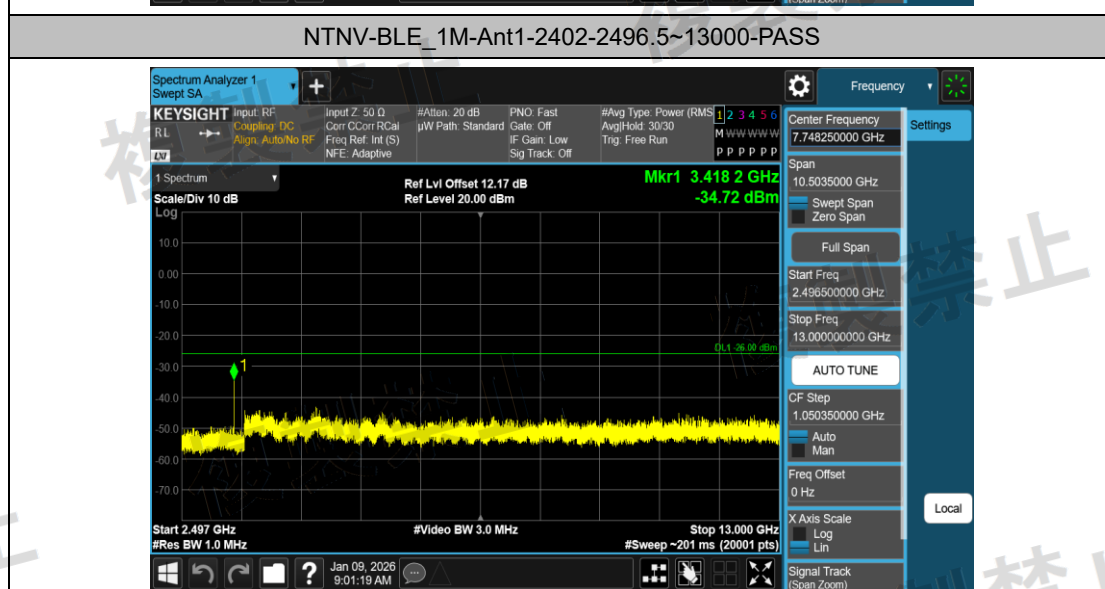
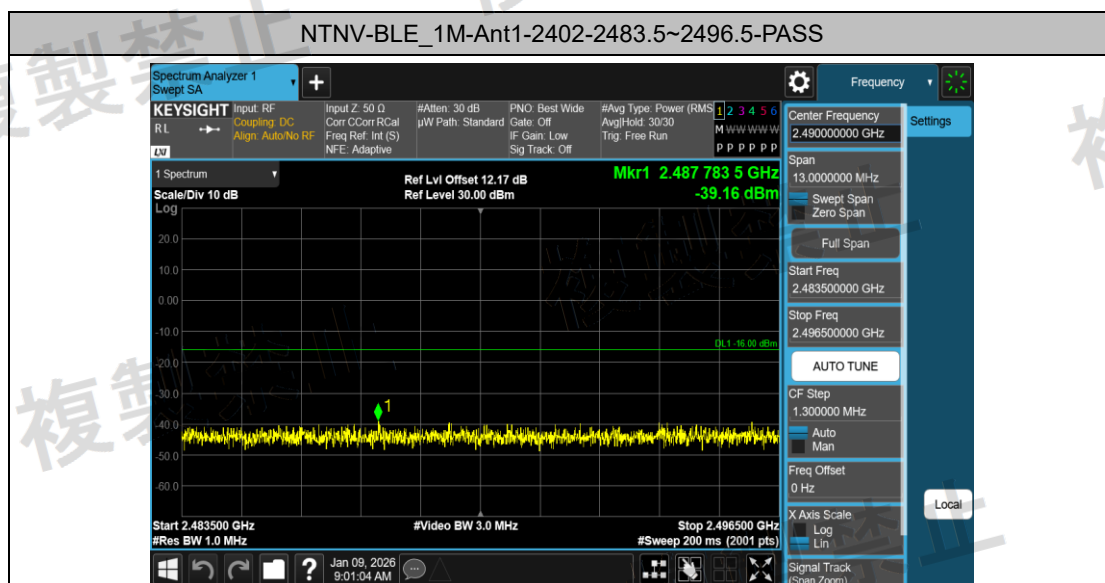


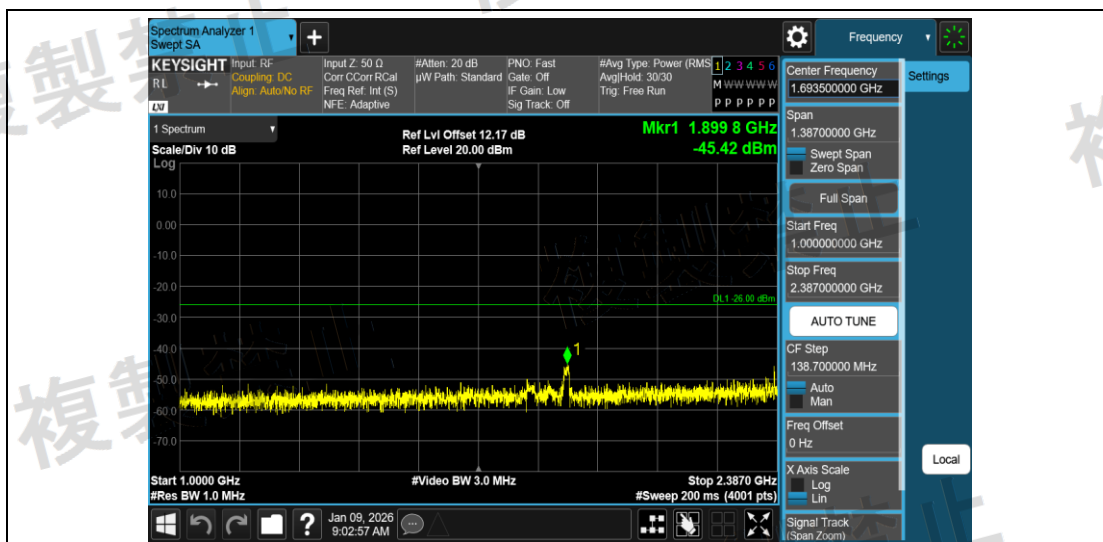
NTNV-BLE_1M-Ant1-2402-1000~2387-PASS



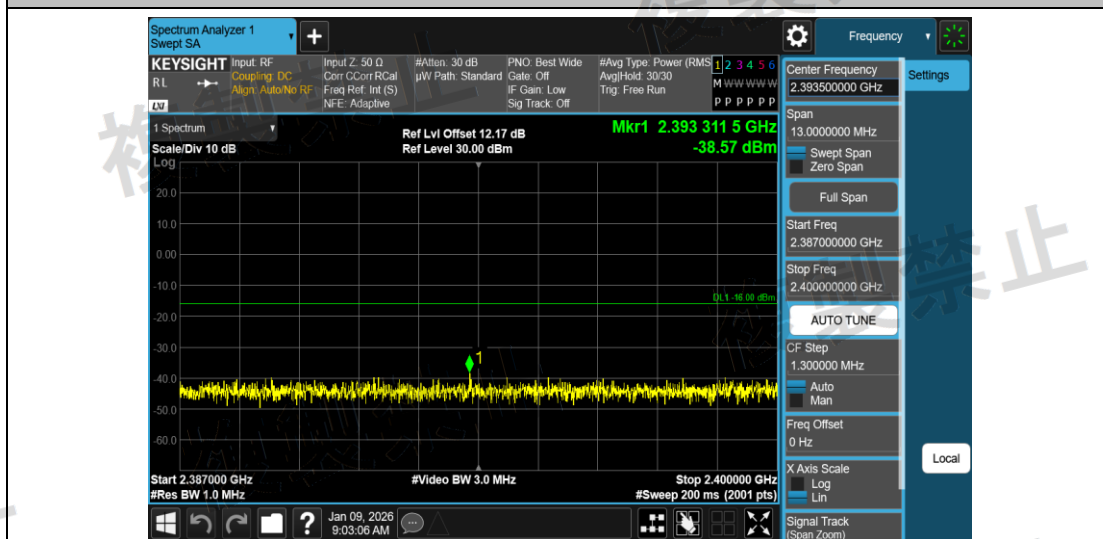
NTNV-BLE_1M-Ant1-2402-2387~2400-PASS



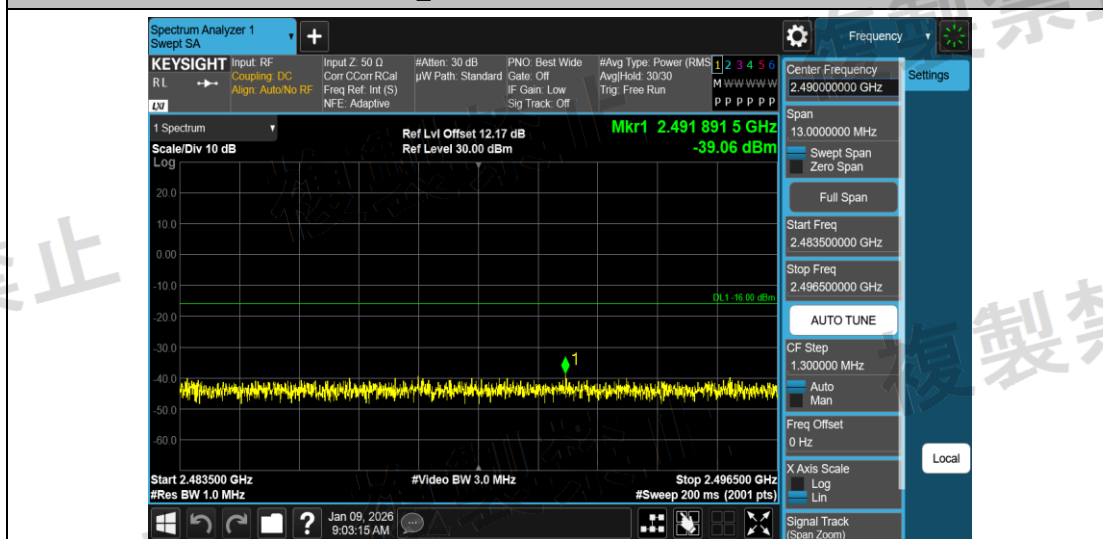




NTNV-BLE_1M-Ant1-2440-2387~2400-PASS



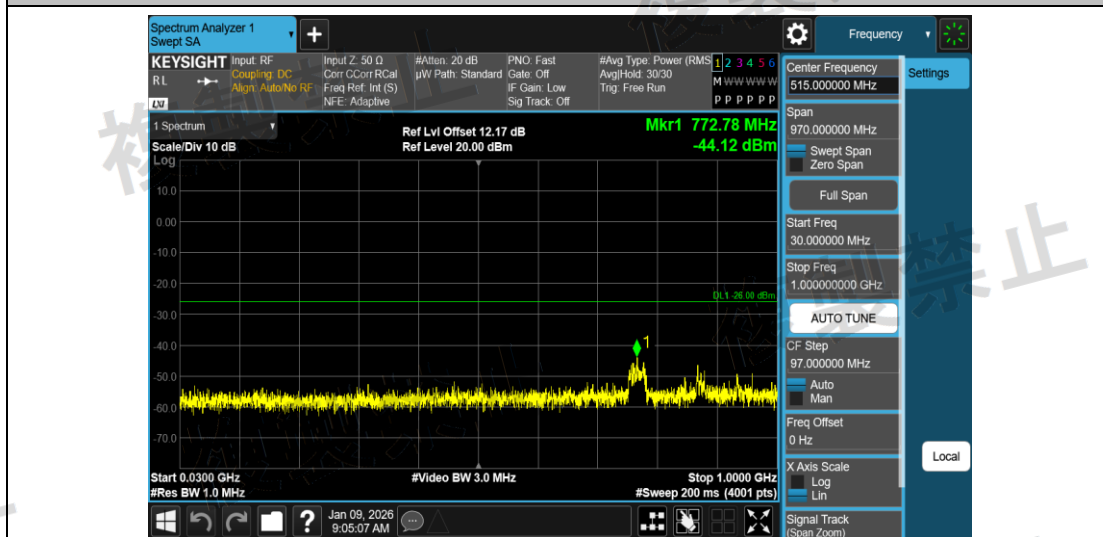
NTNV-BLE_1M-Ant1-2440-2483.5~2496.5-PASS



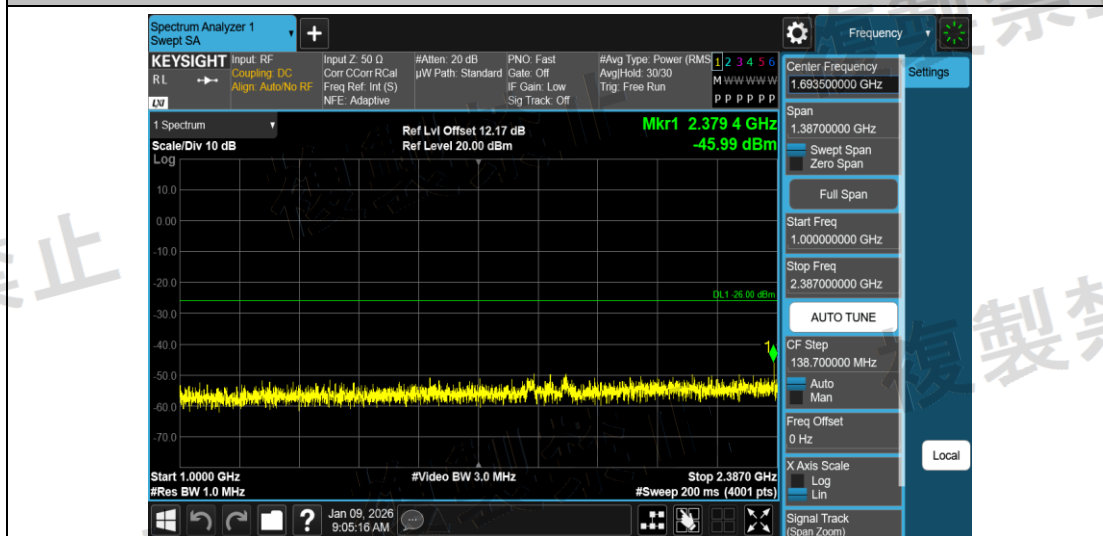
NTNV-BLE_1M-Ant1-2440-2496.5~13000-PASS



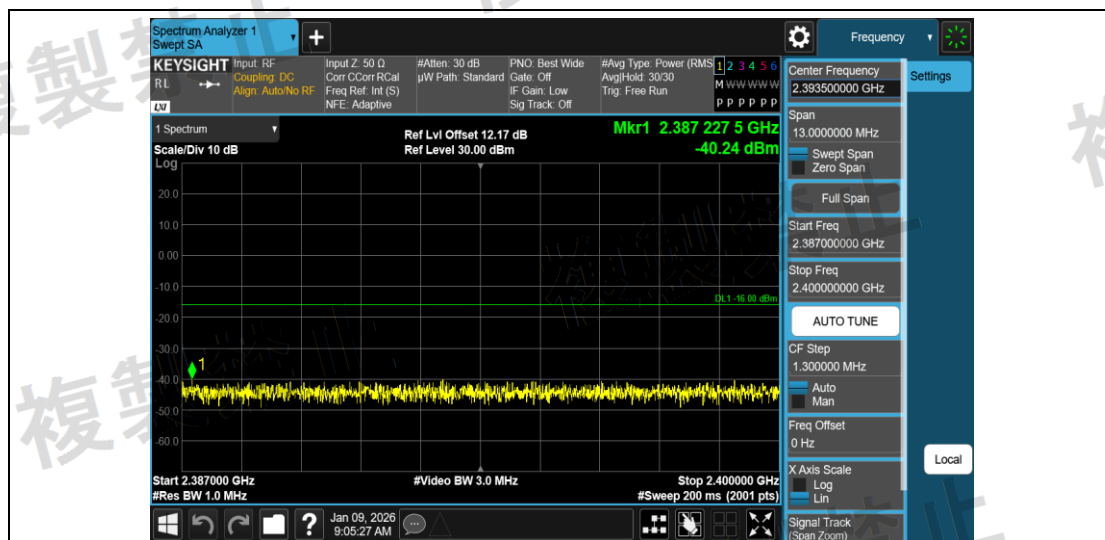
NTNV-BLE_1M-Ant1-2480-30~1000-PASS



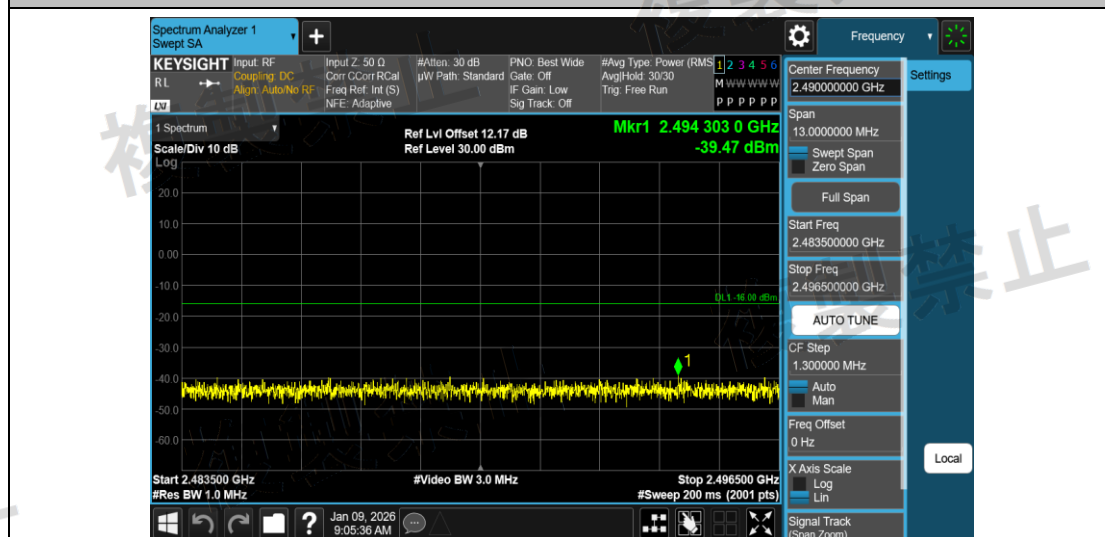
NTNV-BLE_1M-Ant1-2480-1000~2387-PASS



NTNV-BLE_1M-Ant1-2480-2387~2400-PASS



NTNV-BLE_1M-Ant1-2480-2483.5~2496.5-PASS



NTNV-BLE_1M-Ant1-2480-2496.5~13000-PASS



Appendix F: Spurious Emission of RX

Test Result

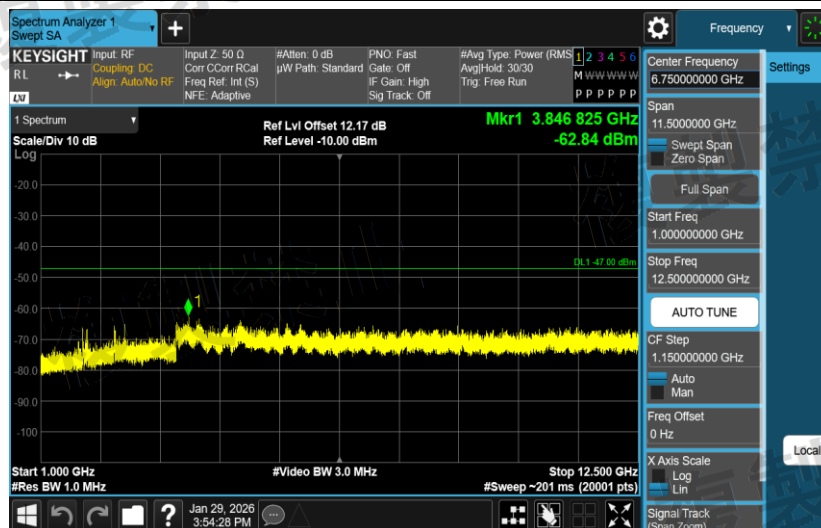
TestCondition	TestMode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	-68.1	≤-54	0.15488	≤4	PASS
NTNV	BLE_1M	Ant1	2402	1000~12500	-62.84	≤-47	0.52000	≤20	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	-68.7	≤-54	0.13490	≤4	PASS
NTNV	BLE_1M	Ant1	2440	1000~12500	-60.58	≤-47	0.87498	≤20	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	-66.3	≤-54	0.23442	≤4	PASS
NTNV	BLE_1M	Ant1	2480	1000~12500	-61.89	≤-47	0.64714	≤20	PASS

Test Graphs

NTNV-BLE_1M-Ant1-2402-30~1000-PASS



NTNV-BLE_1M-Ant1-2402-1000~12500-PASS



NTNV-BLE_1M-Ant1-2440-30~1000-PASS

