

Appendix Test Data

Report No.:	1812C604935125-01-01	Test Sample No.:	1-2-2
Start Test Date:	2026-9-1	Finish Test Date:	2026-9-1
Test Engineer:	Tracy Liang	Auditor:	Justin Feng
Temperature:	26.4°C	Relative Humidity:	57%
Pressure:	101kPa		



Appendix A: Frequency Error

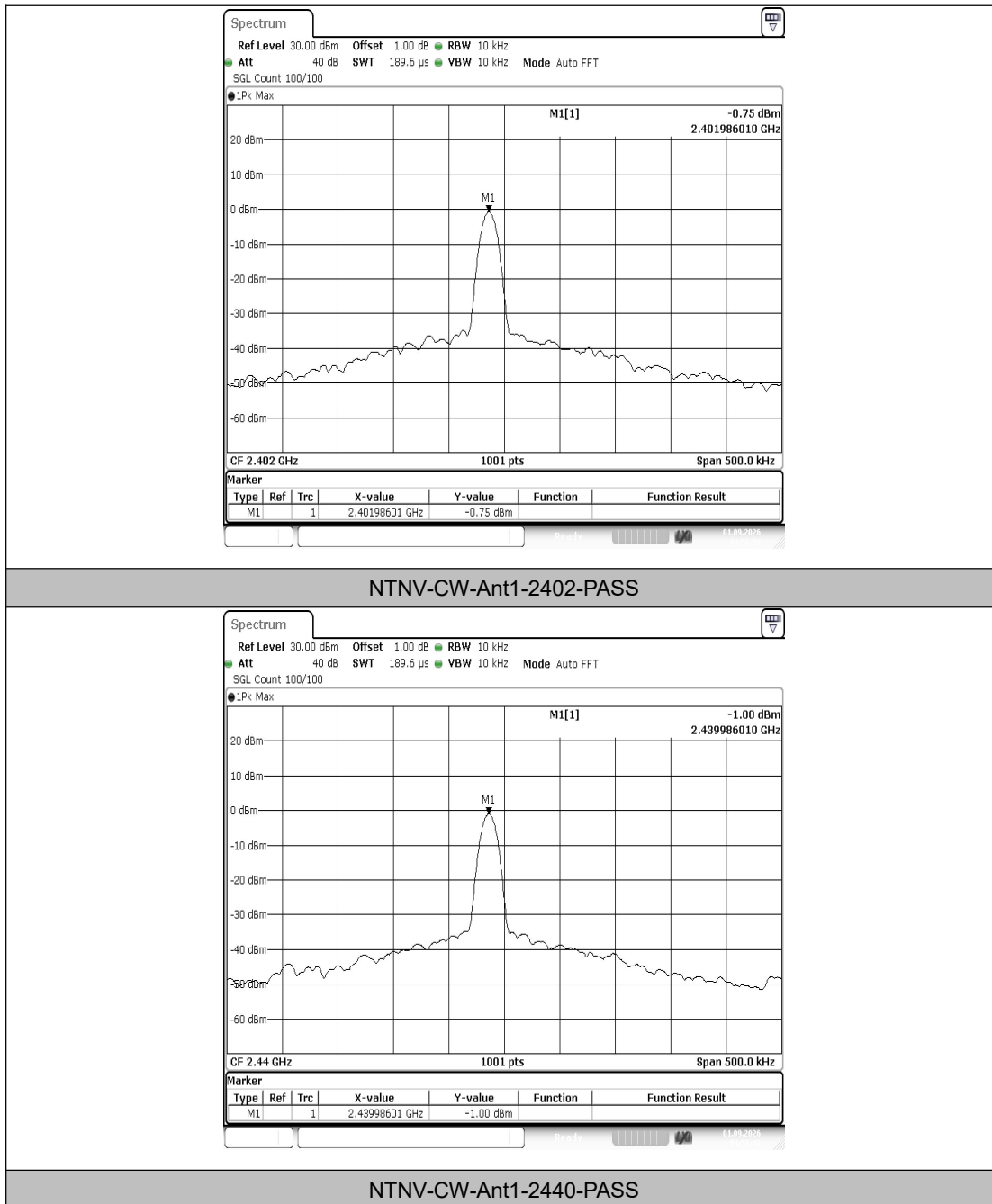
Test Result

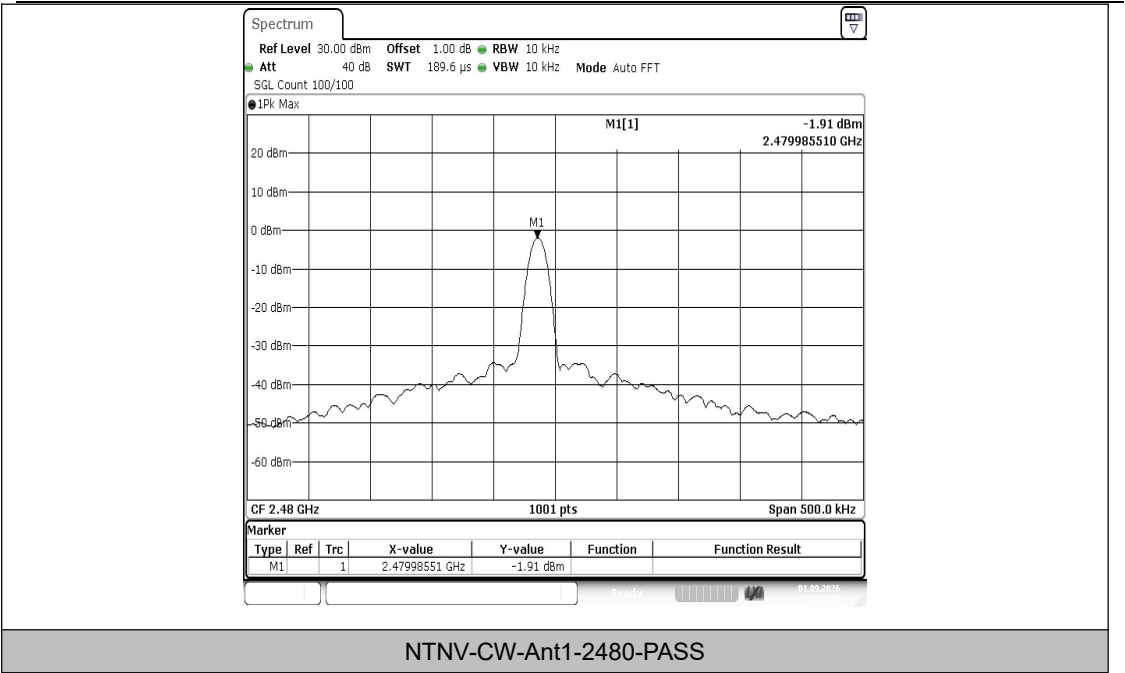
Test Condition	Test Mode	Antenna	Freq.[MHz]	Center Freq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	CW	Ant1	2402	2401.98601	-5.82431	±50	PASS
NTNV	CW	Ant1	2440	2439.98601	-5.73361	±50	PASS
NTNV	CW	Ant1	2480	2479.98551	-5.84274	±50	PASS

Note: Result[ppm]= (Center Freq[MHz] -Freq.[MHz])/Freq.[MHz]*1000000



Test Graphs





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Appendix B: Antenna Power

Test Result

Test Condition	TestMode	Antenna	Freq. [MHz]	Result[dBm]	Result[mW]	Limit [mW]	Verdict
NTNV	BLE_1M	Ant1	2402	-1.33	0.7362	≤10	PASS
NTNV	BLE_1M	Ant1	2440	-1.40	0.7244	≤10	PASS
NTNV	BLE_1M	Ant1	2480	-2.17	0.6067	≤10	PASS

Note: $\text{Result(mW)} = 10^{(\text{Test Result(dBm)}/10)}$

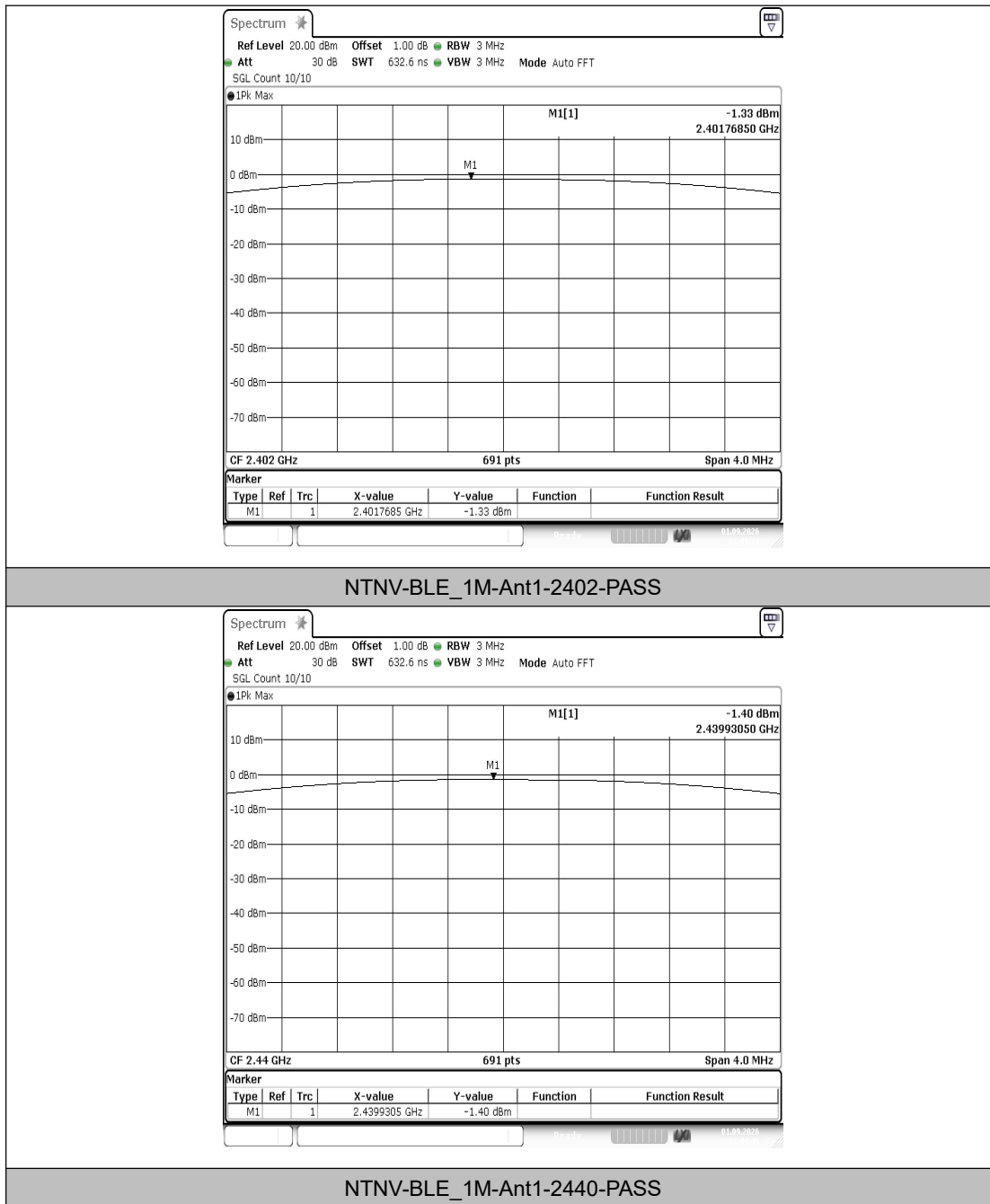
Test Condition	Test Mode	Antenna	Freq. [MHz]	Power [mW]	Rated Power [mW]	Result [%]	Limit(%)	Verdict
NTNV	BLE_1M	Ant1	2402	0.7362	1	-26.38	+20	PASS
NTNV	BLE_1M	Ant1	2440	0.7244	1	-27.56	+20	PASS
NTNV	BLE_1M	Ant1	2480	0.6067	1	-39.33	+20	PASS

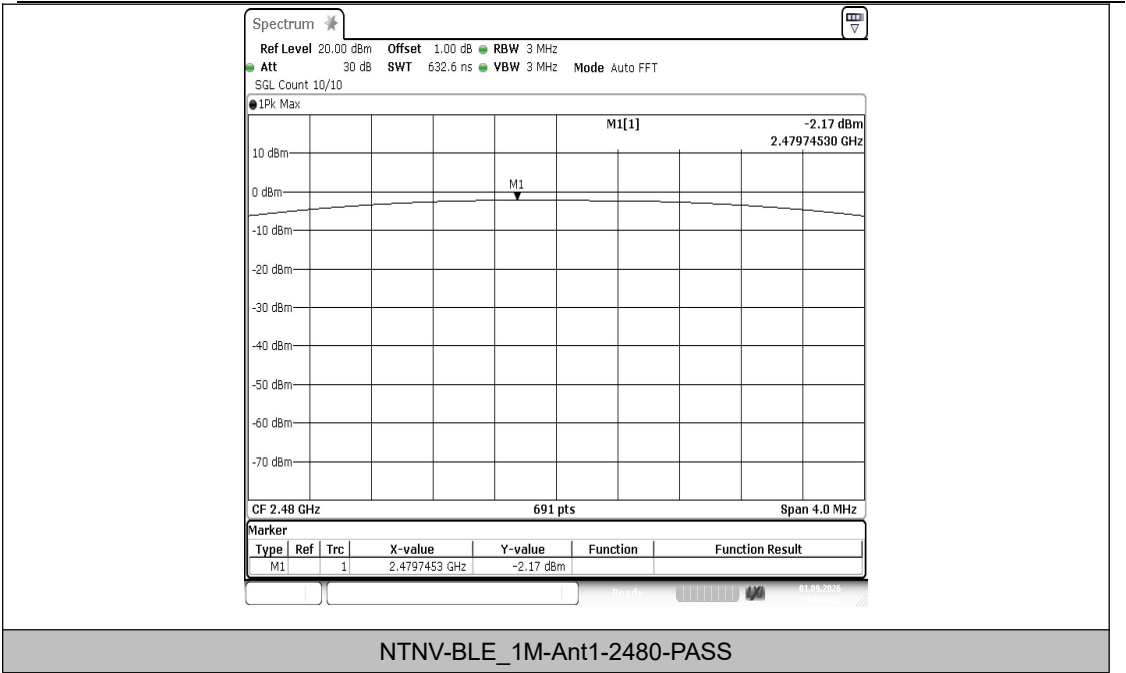
Test Condition	Test Mode	Antenna	Frequency [MHz]	Result[dBm]	Gain[dBi]	EIRP(dBm)	Limit(dBm)	Verdict
NTNV	BLE_1M	Ant1	2402	-1.33	2.60	1.27	≤12.14	PASS
NTNV	BLE_1M	Ant1	2440	-1.40	2.60	1.2	≤12.14	PASS
NTNV	BLE_1M	Ant1	2480	-2.17	2.60	0.43	≤12.14	PASS

Note: $\text{EIRP[dBm]} = \text{Result[dBm]} + \text{Gain(dBi)}$



Test Graphs





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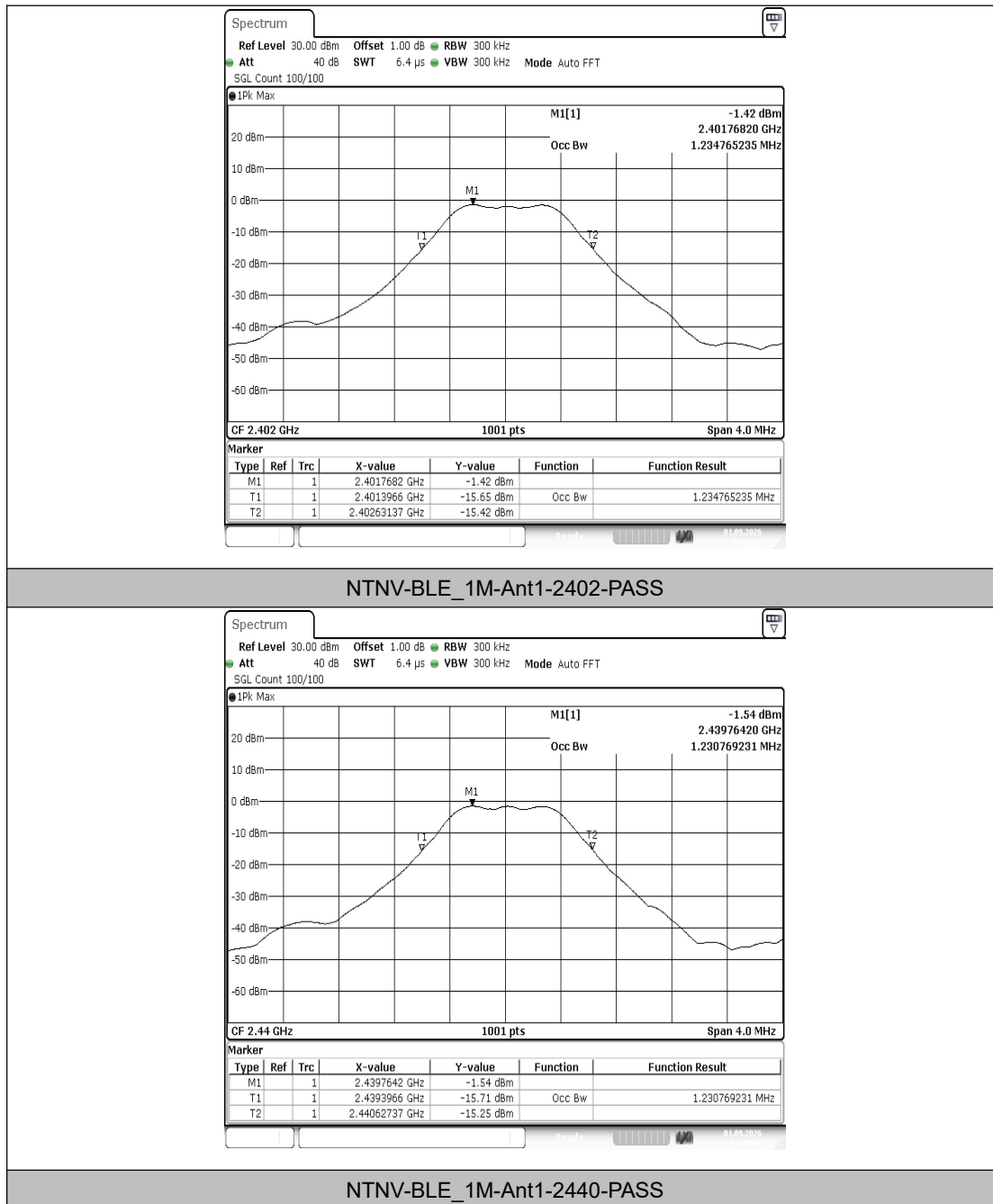
Appendix C: Occupied Bandwidth

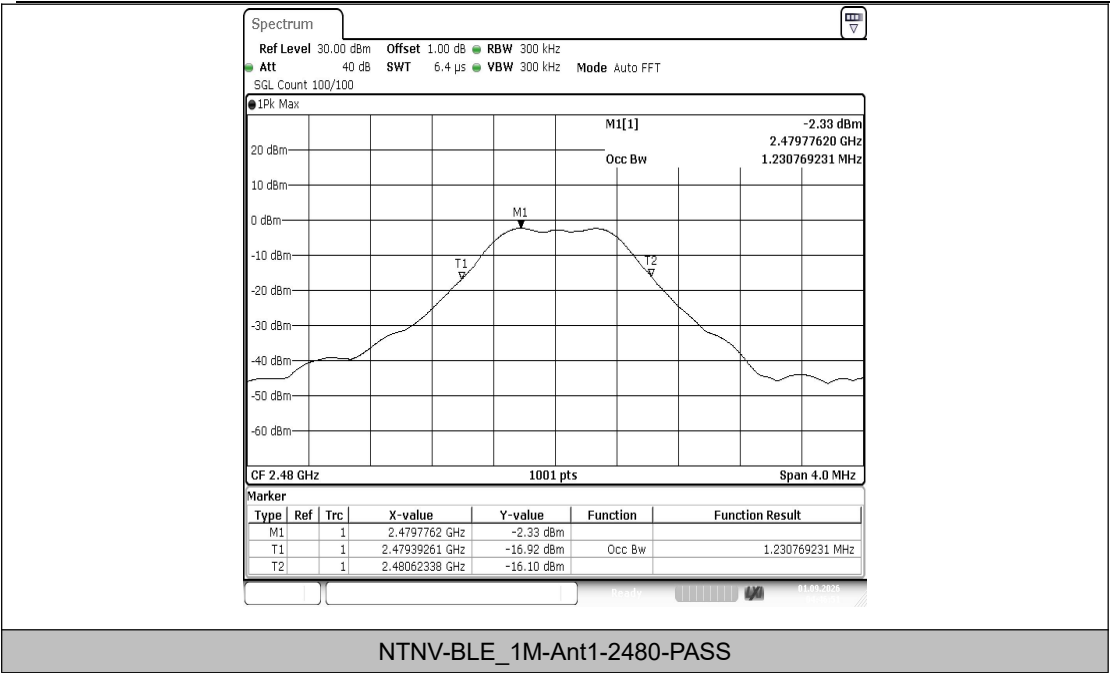
Test Result

Test Condition	TestMode	Antenna	Freq.[MHz]	Result[MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.235	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.231	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.231	≤26	PASS



Test Graphs





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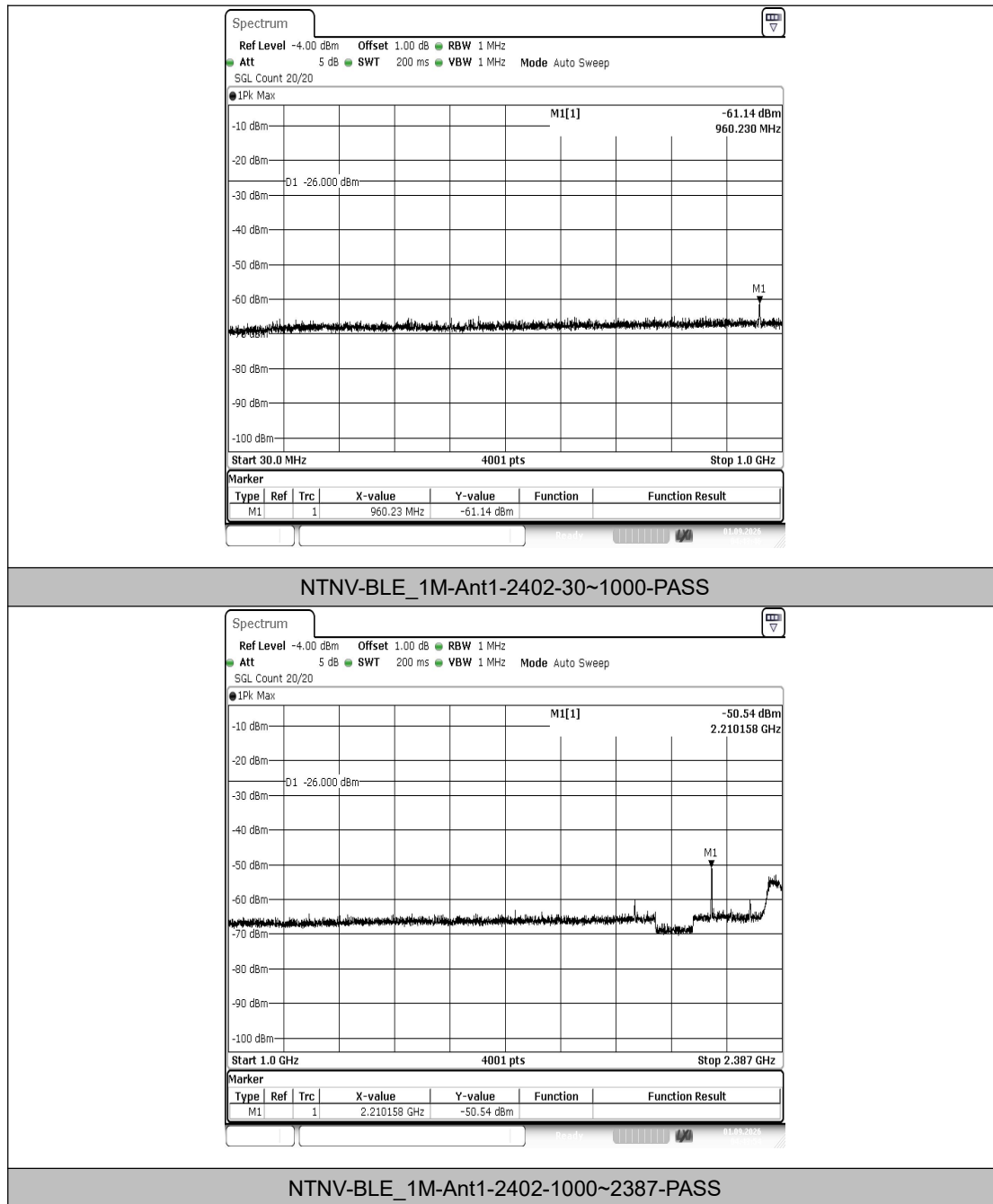
Appendix D: Spurious Emission of TX

Test Result

Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq. Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	960.23	-61.14	≤-26	0.00077	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	1000~2387	2210.16	-50.54	≤-26	0.00883	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	2387~2400	2399.99	-34.31	≤-16	0.37068	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2483.5~2496.5	2490.71	-60.93	≤-16	0.00081	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2496.5~13000	2593.66	-49.30	≤-26	0.01175	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	960.47	-60.99	≤-26	0.00080	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	1000~2387	2247.95	-49.56	≤-26	0.01107	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	2387~2400	2394.82	-52.11	≤-16	0.00615	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2483.5~2496.5	2485.46	-53.79	≤-16	0.00418	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2496.5~13000	2632.00	-49.88	≤-26	0.01028	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	960.23	-60.53	≤-26	0.00089	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	1000~2387	2288.18	-47.82	≤-26	0.01652	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	2387~2400	2395.16	-61.73	≤-16	0.00067	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2483.5~2496.5	2483.68	-45.28	≤-16	0.02965	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2496.5~13000	5804.58	-49.84	≤-26	0.01038	≤2.5	PASS



Test Graphs



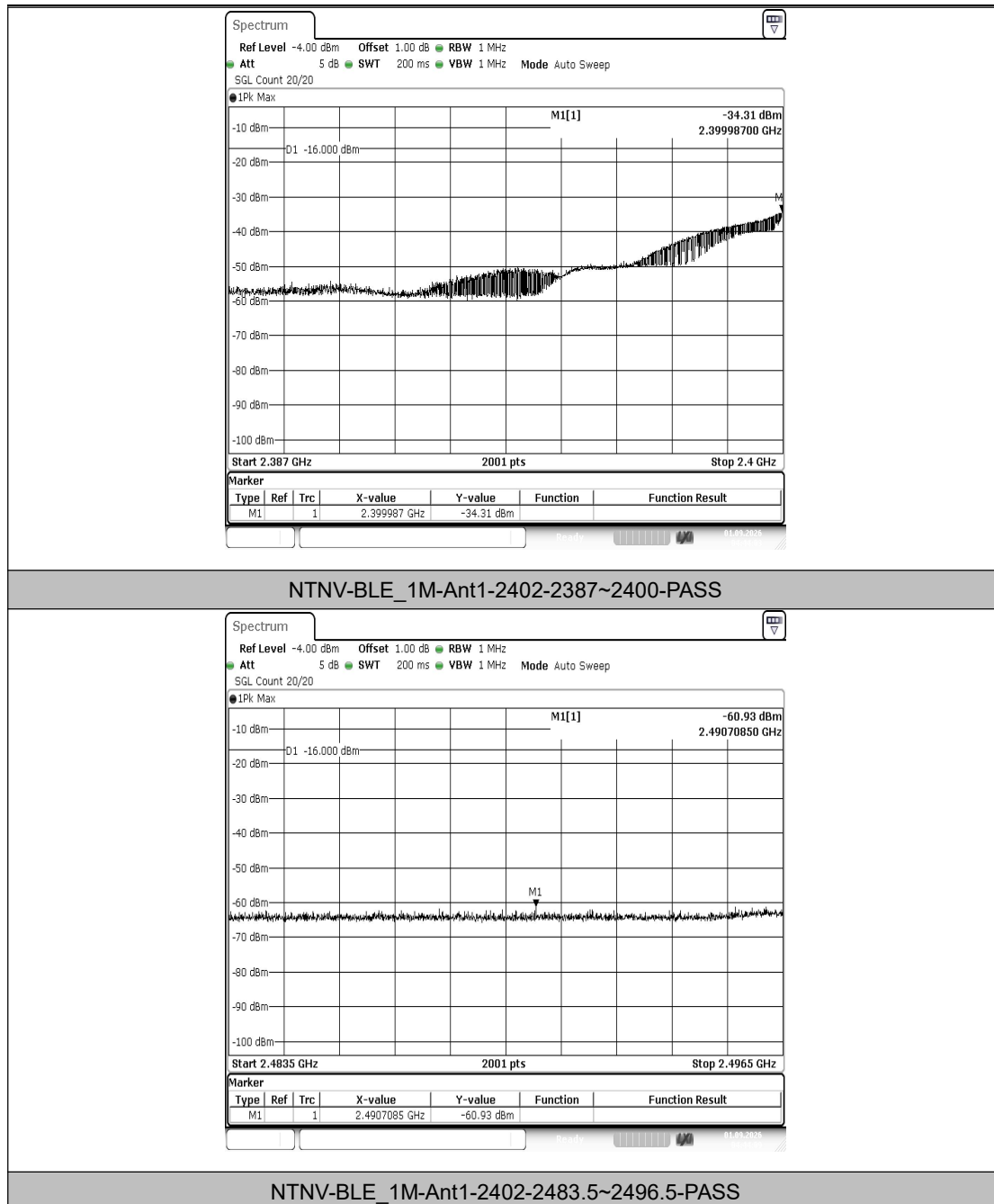
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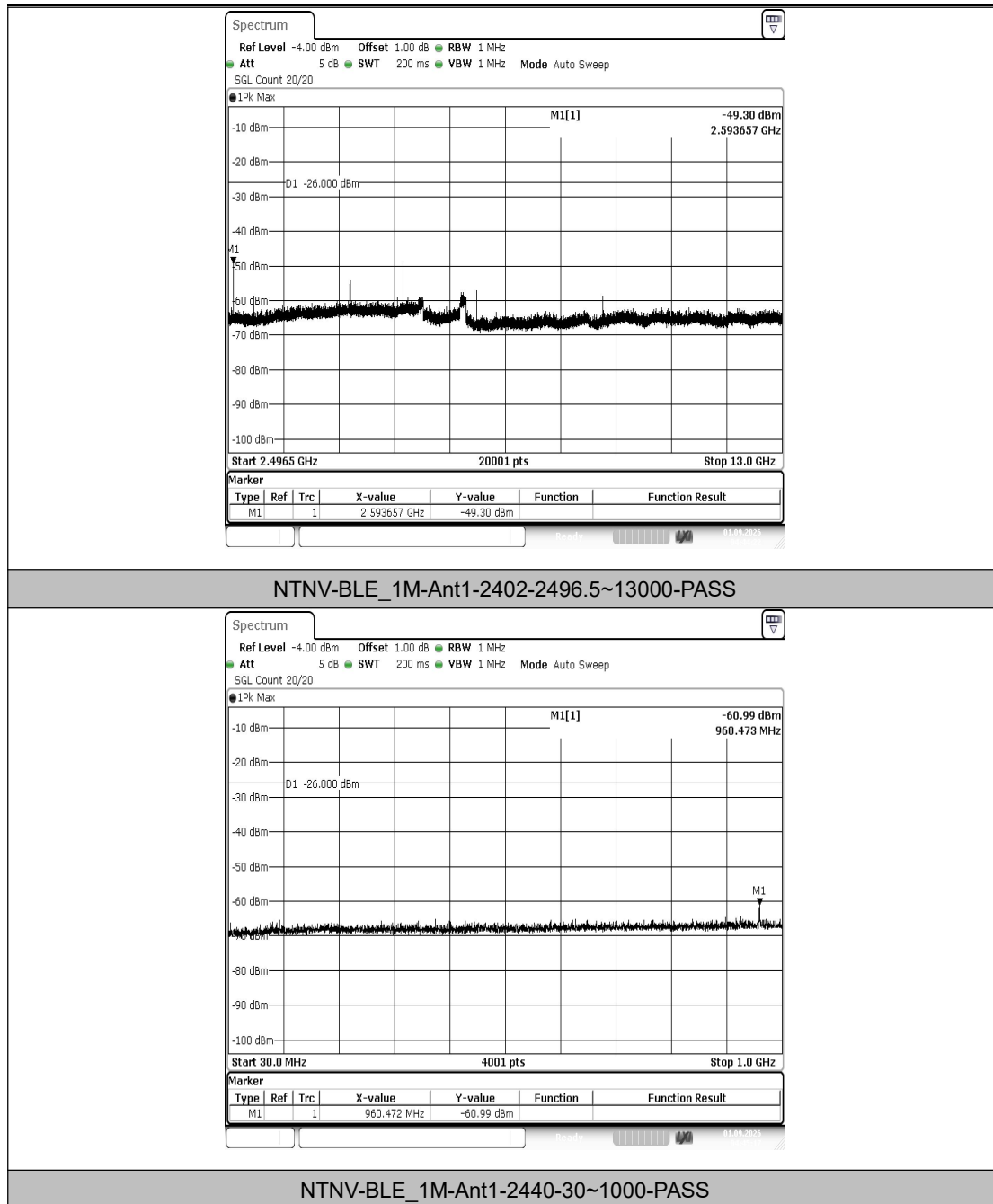
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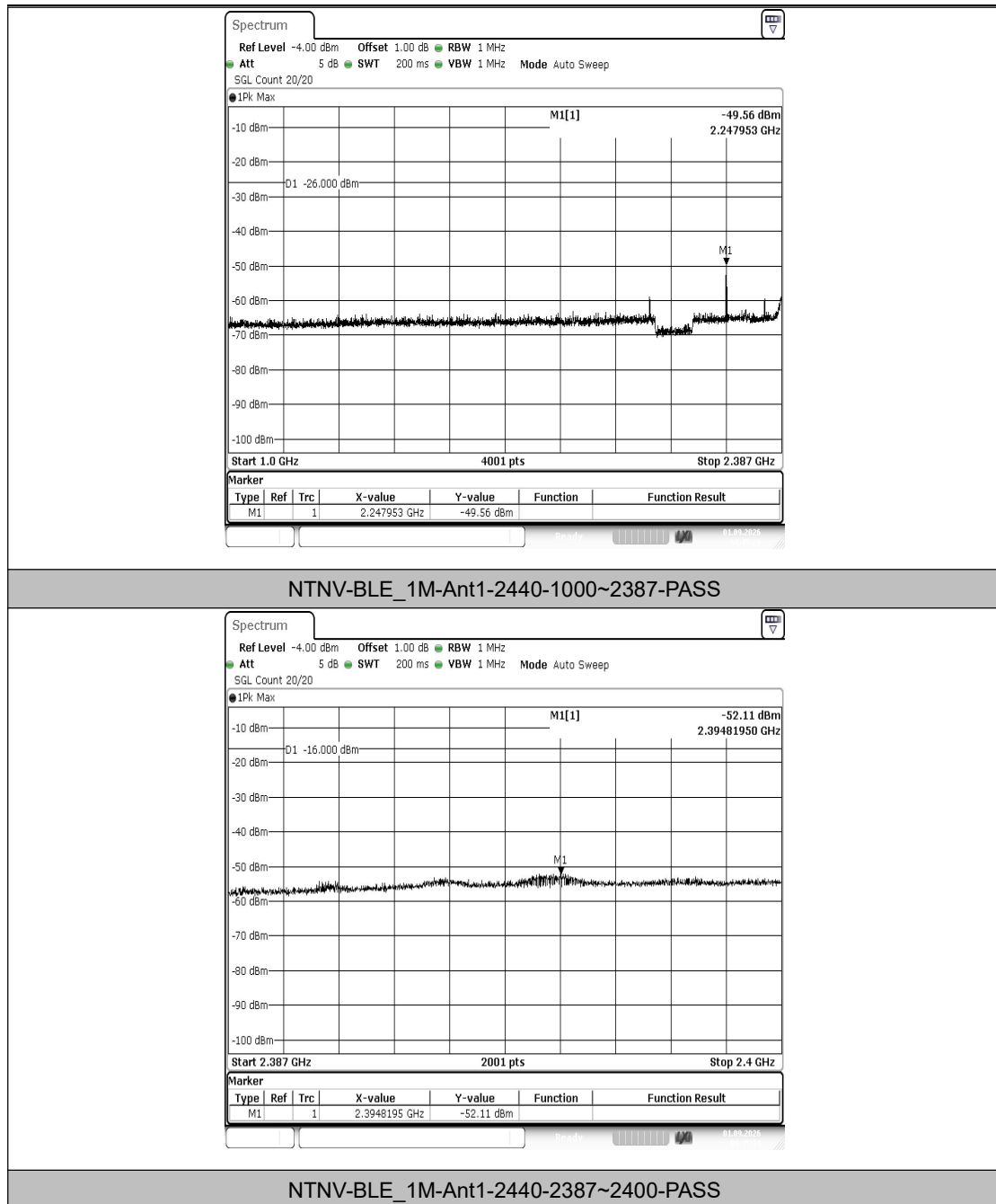


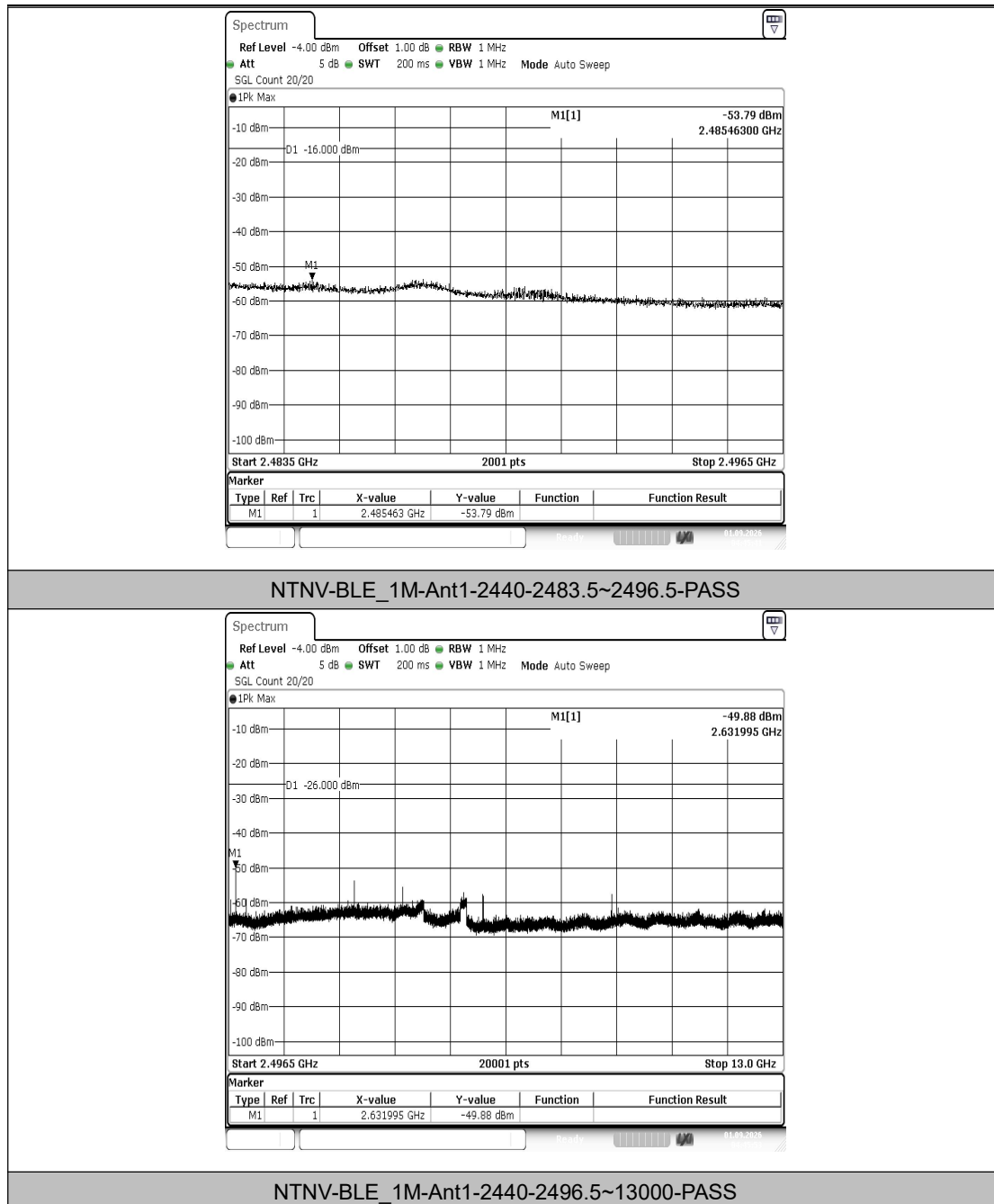
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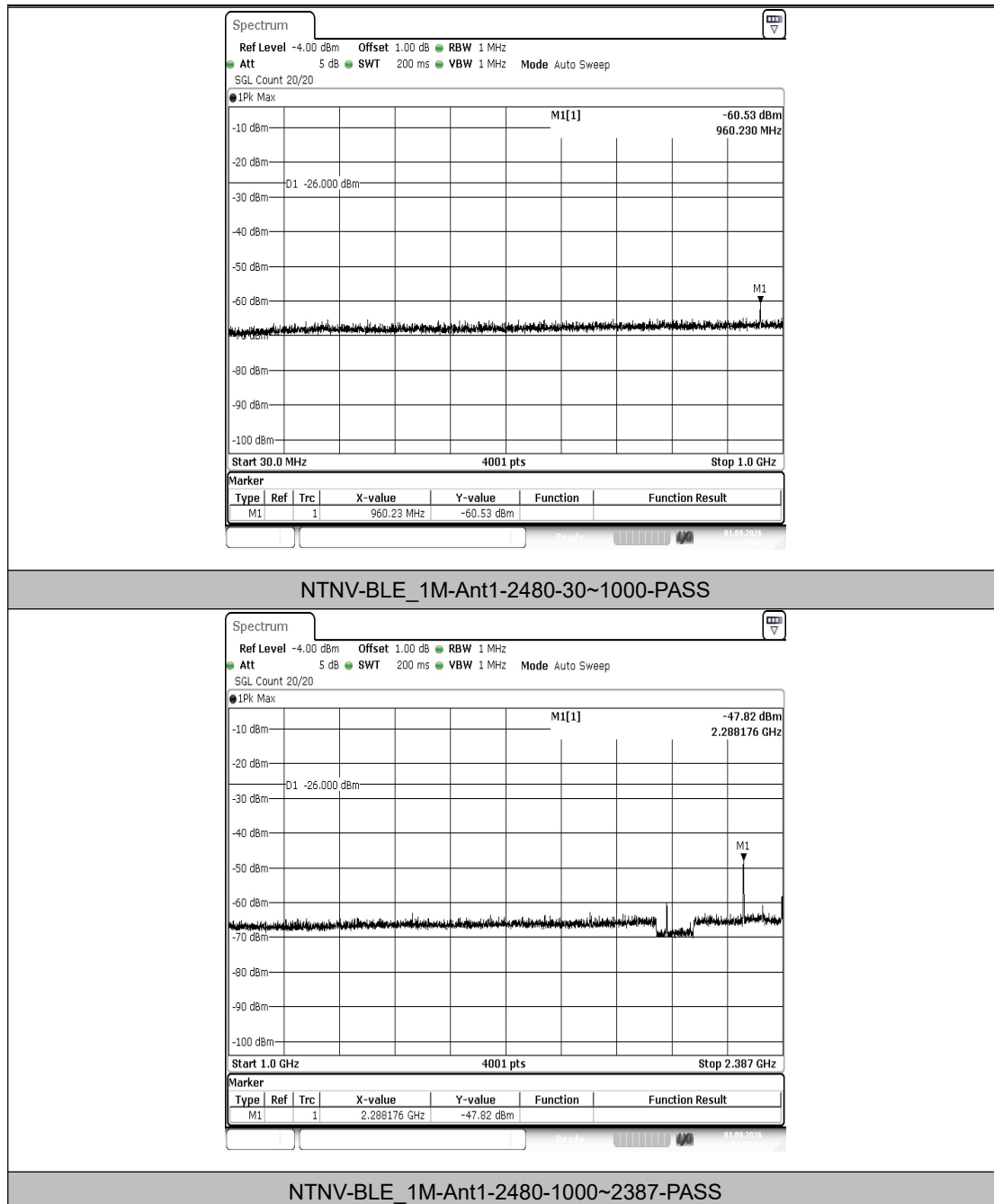
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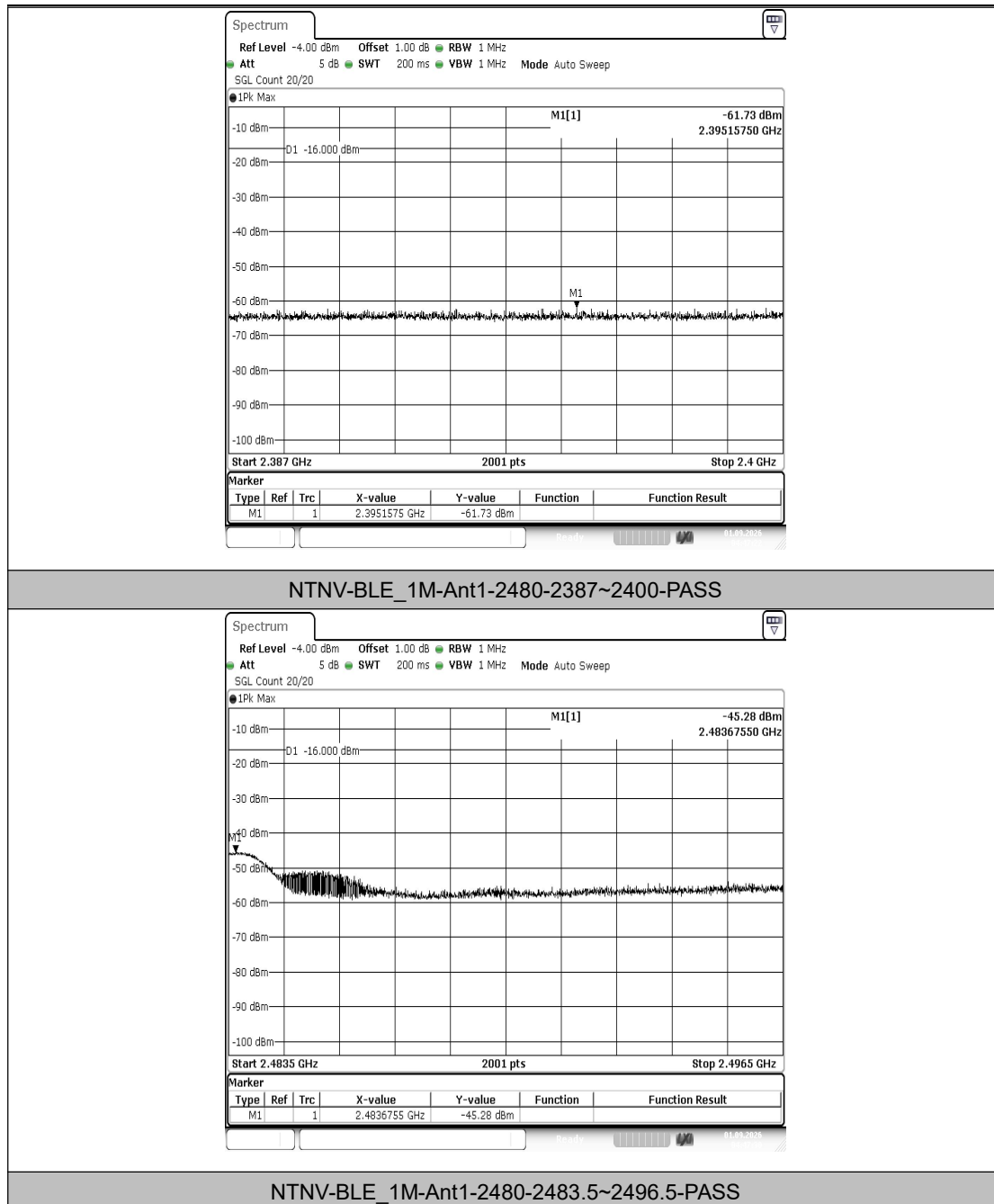
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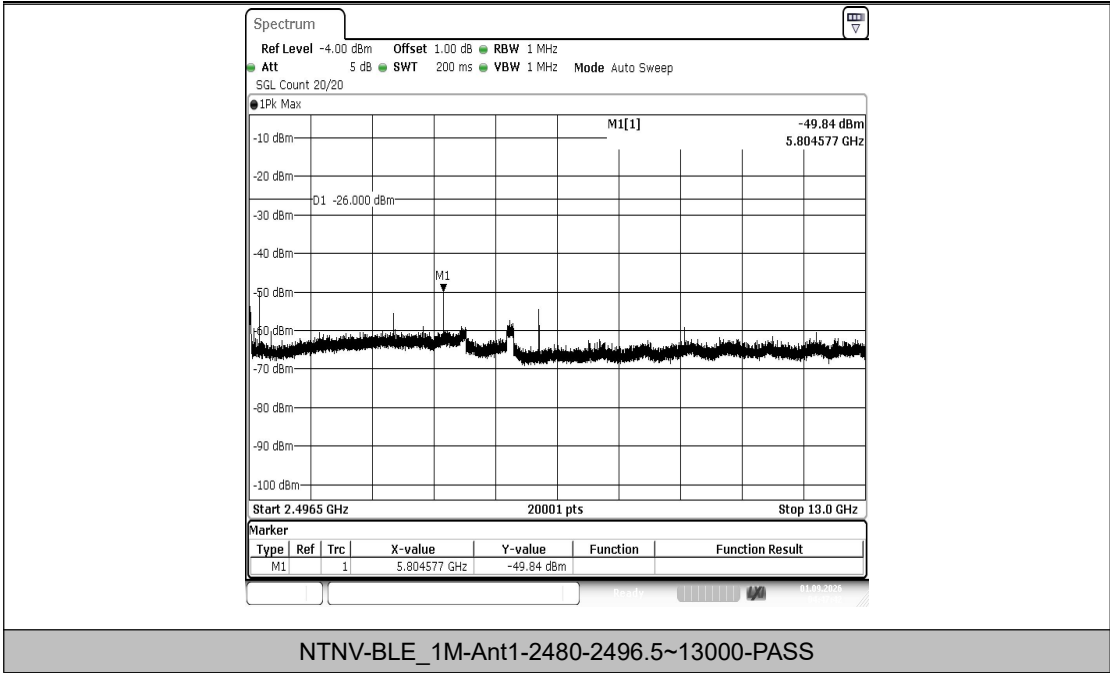


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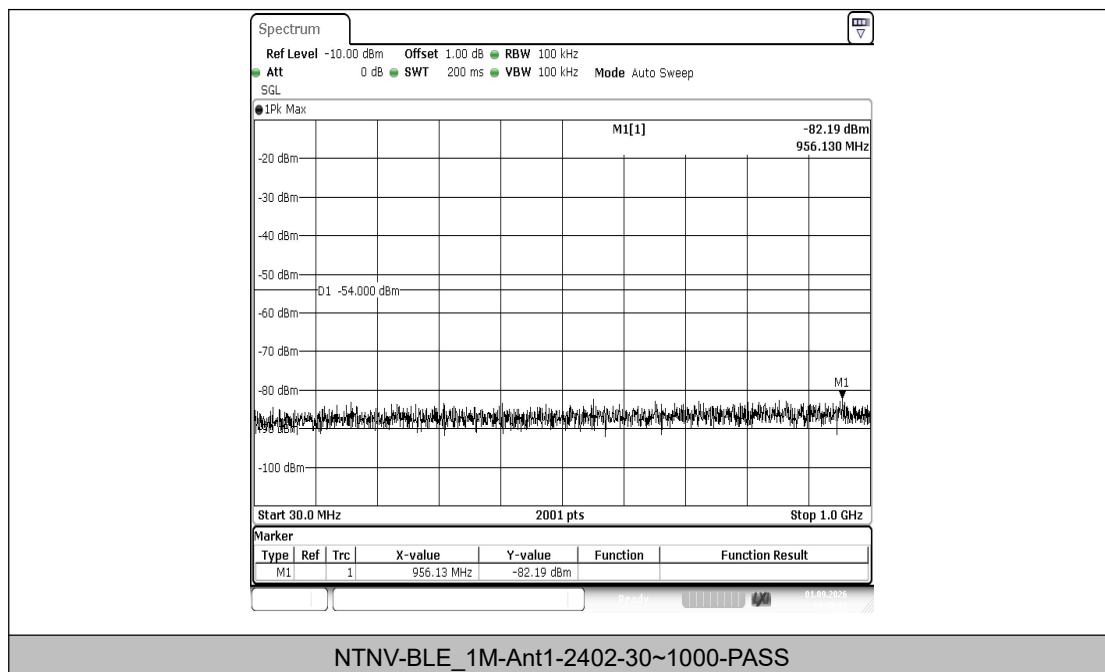


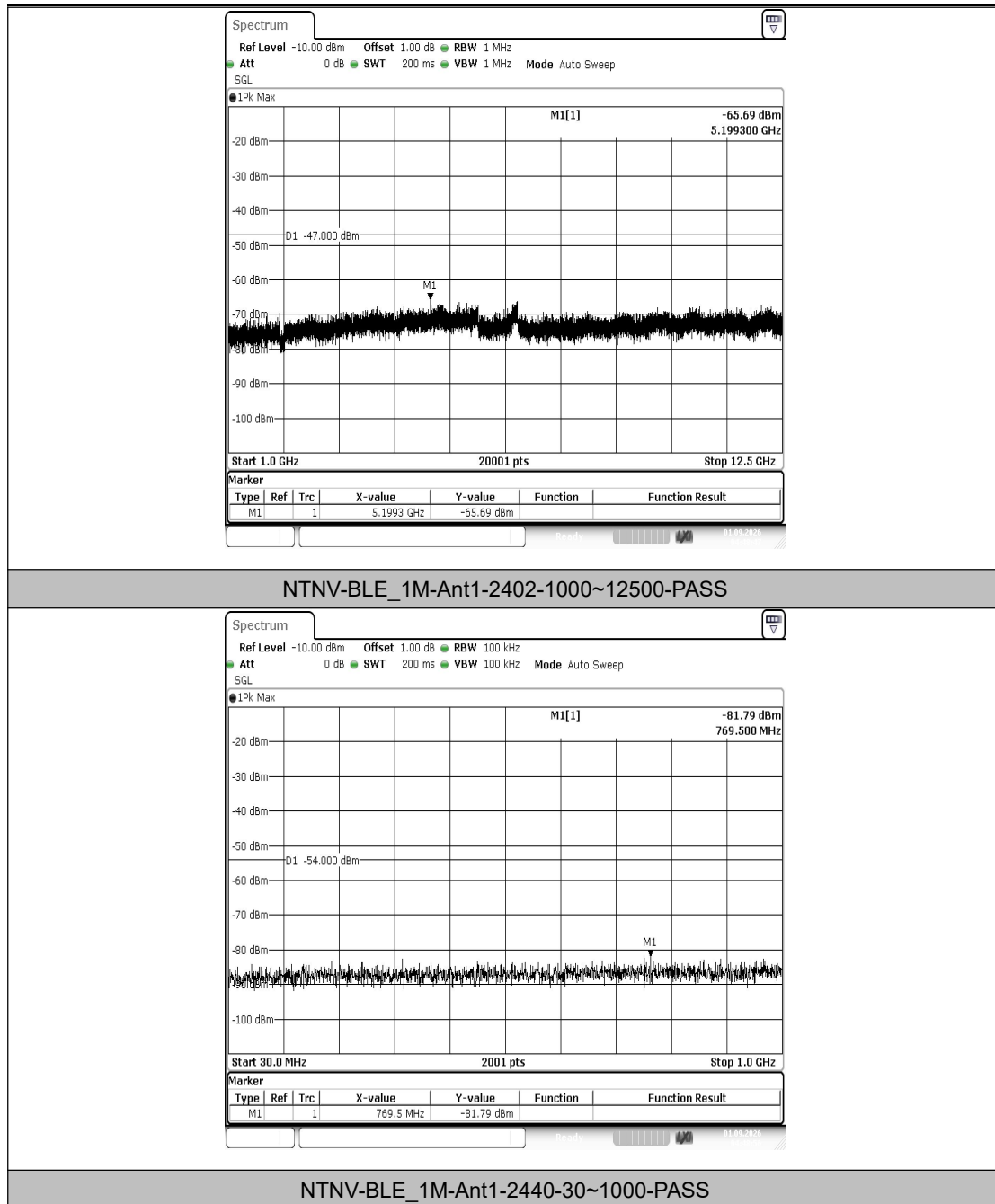
Appendix E: Spurious Emission of RX

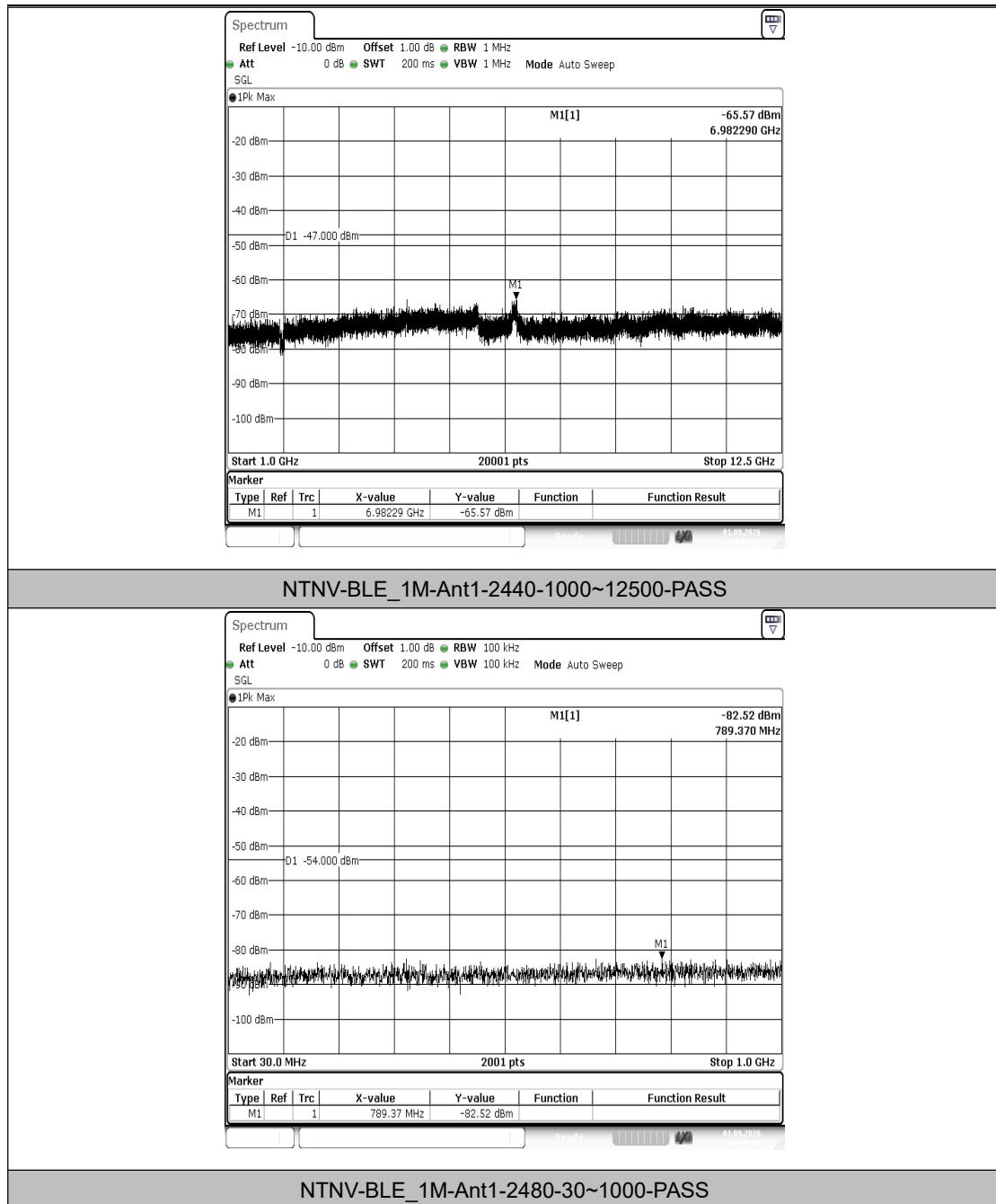
Test Result

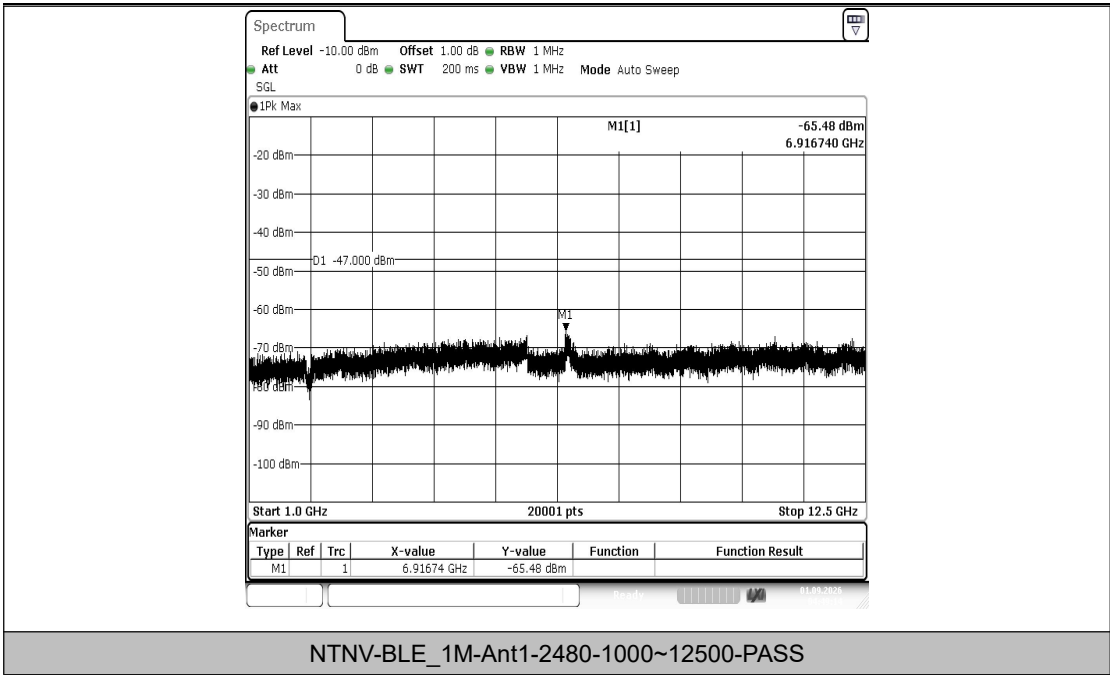
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	956.13	-82.19	≤-54	0.00604	≤4	PASS
NTNV	BLE_1M	Ant1	2402	1000~12500	5199.30	-65.69	≤-47	0.26977	≤20	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	769.50	-81.79	≤-54	0.00662	≤4	PASS
NTNV	BLE_1M	Ant1	2440	1000~12500	6982.29	-65.57	≤-47	0.27733	≤20	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	789.37	-82.52	≤-54	0.00560	≤4	PASS
NTNV	BLE_1M	Ant1	2480	1000~12500	6916.74	-65.48	≤-47	0.28314	≤20	PASS

Test Graphs









---End---

