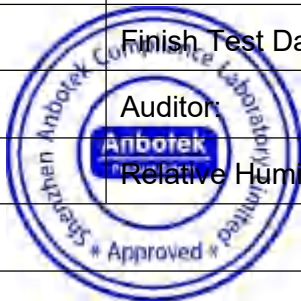


Appendix Test Data

Report No.:	1812C60109812501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-2-11	Finish Test Date:	2026-2-26
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	24.9°C	Relative Humidity:	57%
Pressure:	101kPa		



Appendix A: Frequency Error

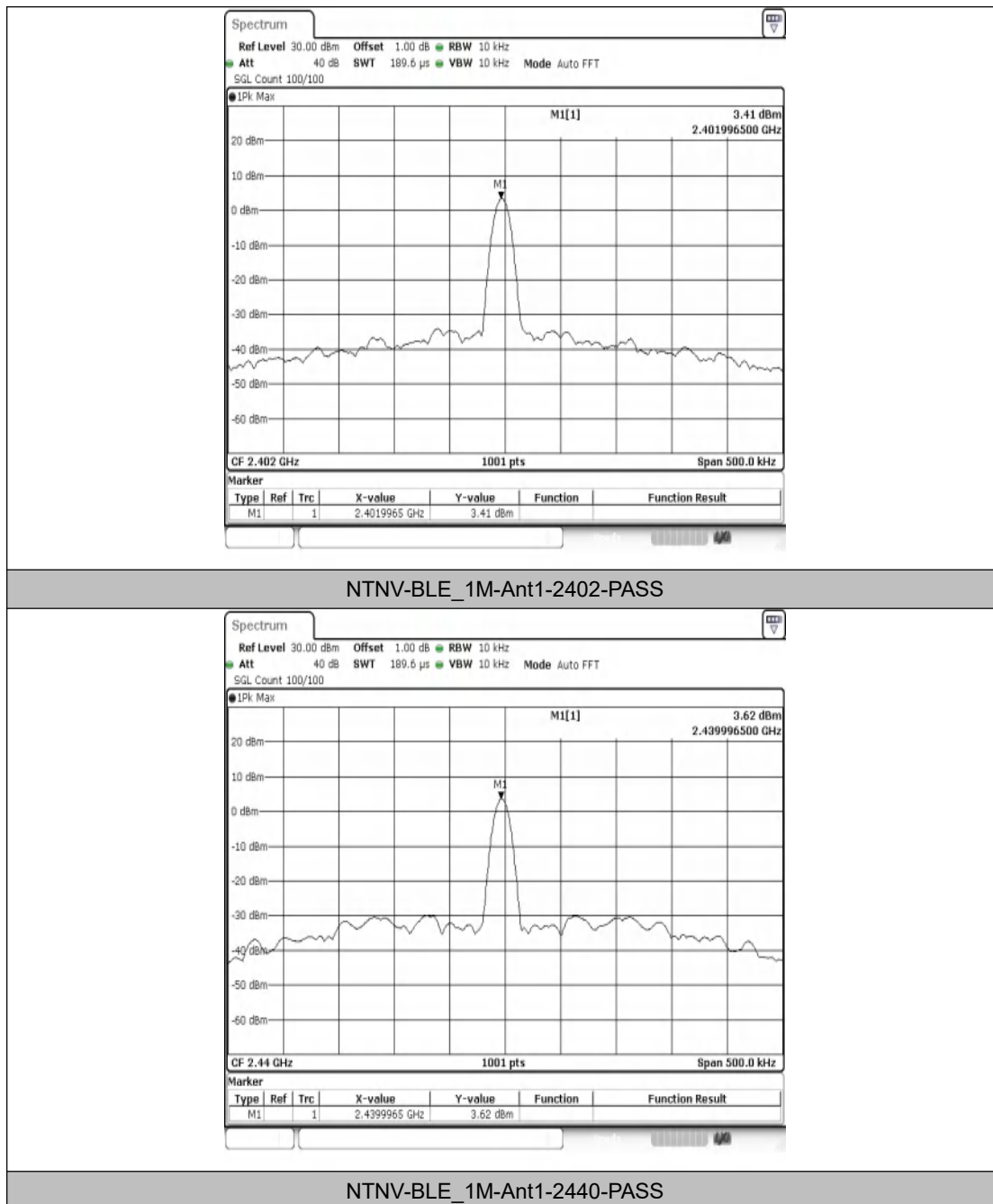
Test Result

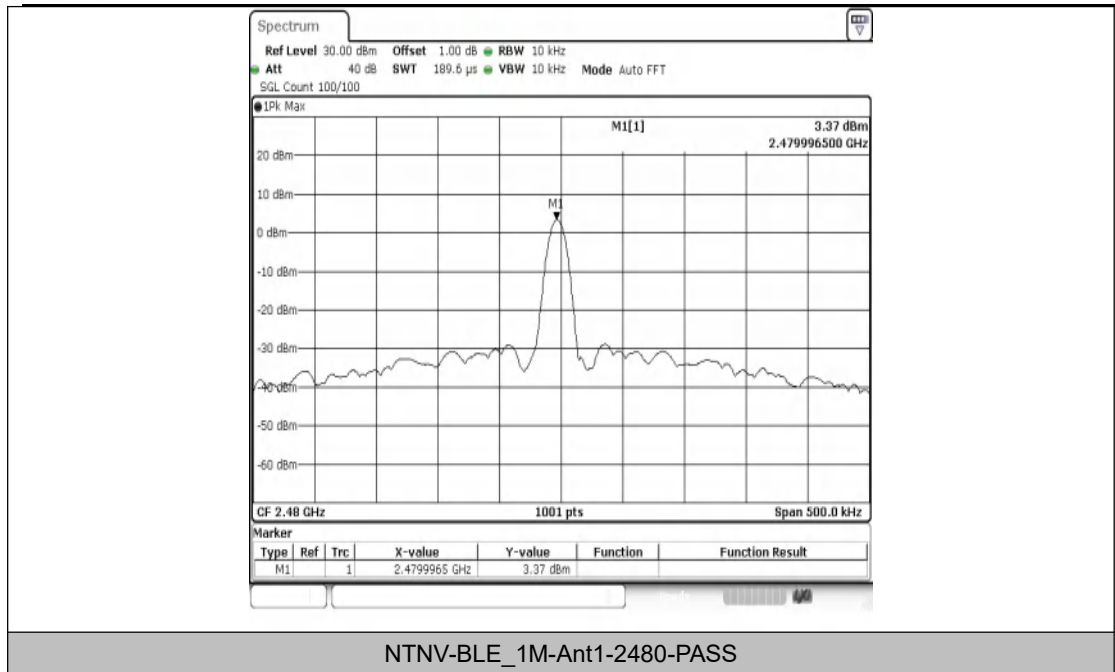
Test Condition	Test Mode	Antenna	Freq.[MHz]	Center Freq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	BLE_1M	Ant1	2402	2401.9965	-1.45712	±50	PASS
NTNV	BLE_1M	Ant1	2440	2439.9965	-1.43443	±50	PASS
NTNV	BLE_1M	Ant1	2480	2479.9965	-1.41129	±50	PASS

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	4.83	3.0408	≤10	PASS
NTNV	BLE_1M	Ant1	2440	4.83	3.0408	≤10	PASS
NTNV	BLE_1M	Ant1	2480	4.65	2.9174	≤10	PASS
NTNV	BLE_2M	Ant1	2402	4.92	3.1045	≤10	PASS
NTNV	BLE_2M	Ant1	2440	4.98	3.1477	≤10	PASS
NTNV	BLE_2M	Ant1	2480	4.82	3.0338	≤10	PASS

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

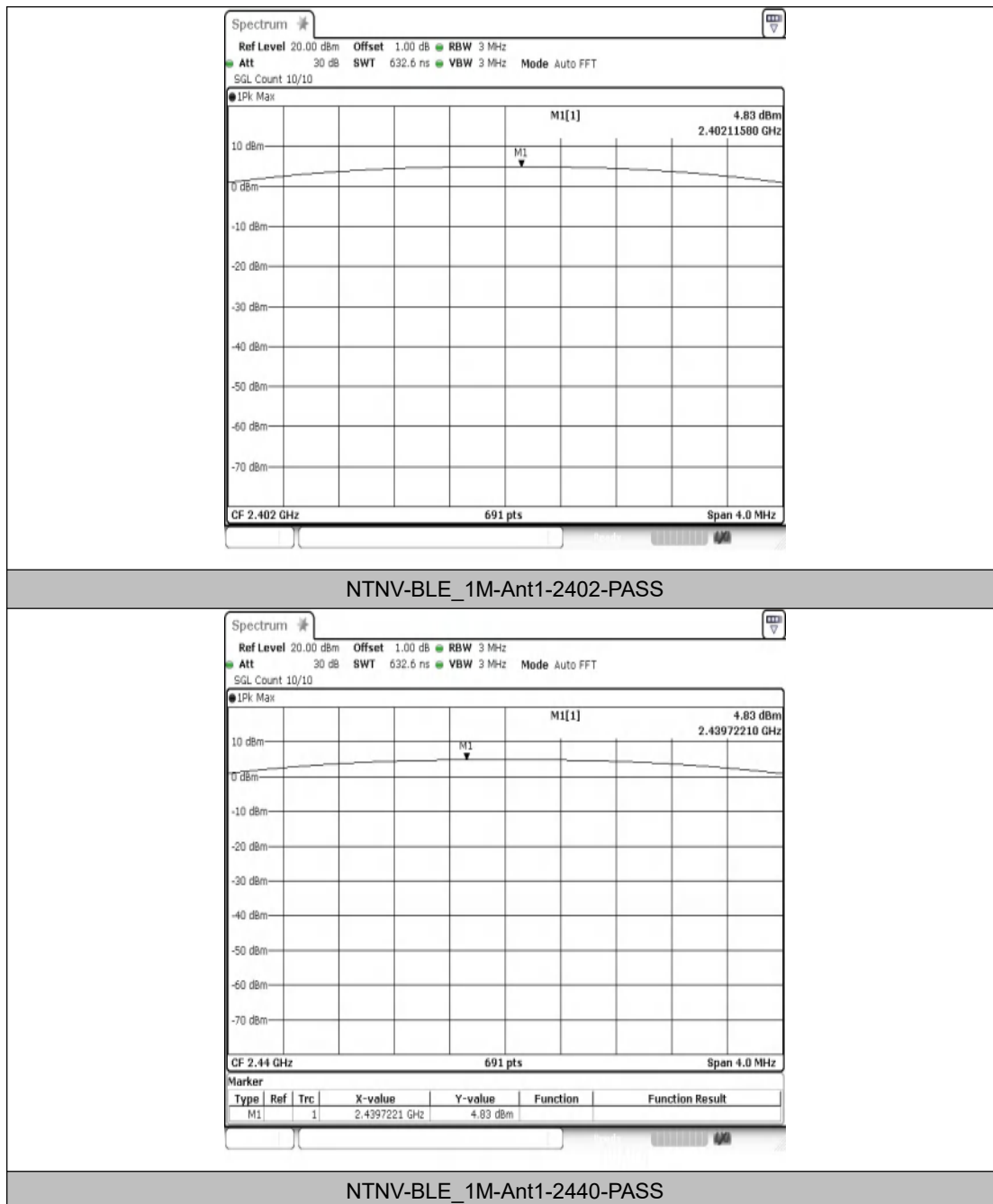
Test Condition	Test Mode	Antenna	Freq. [MHz]	Power [mW]	Rated Power [mW]	Result [%]	Limit(%)	Verdict
NTNV	BLE_1M	Ant1	2402	3.0408	3	1.36	+20	PASS
NTNV	BLE_1M	Ant1	2440	3.0408	3	1.36	+20	PASS
NTNV	BLE_1M	Ant1	2480	2.9174	3	-2.75	+20	PASS
NTNV	BLE_2M	Ant1	2402	3.1045	3	3.48	+20	PASS
NTNV	BLE_2M	Ant1	2440	3.1477	3	4.92	+20	PASS
NTNV	BLE_2M	Ant1	2480	3.0338	3	1.13	+20	PASS

Test Condition	Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Gain[dBi]	EIRP(dBm)	Limit(dBm)	Verdict
NTNV	BLE_1M	Ant1	2402	4.83	3.37	8.2	≤12.14	PASS
NTNV	BLE_1M	Ant1	2440	4.83	3.37	8.2	≤12.14	PASS
NTNV	BLE_1M	Ant1	2480	4.65	3.37	8.02	≤12.14	PASS
NTNV	BLE_2M	Ant1	2402	4.92	3.37	8.29	≤12.14	PASS
NTNV	BLE_2M	Ant1	2440	4.98	3.37	8.35	≤12.14	PASS
NTNV	BLE_2M	Ant1	2480	4.82	3.37	8.19	≤12.14	PASS

Note:EIRP[dBm]=Result[dBm]+Gain(dBi)



Test Graphs

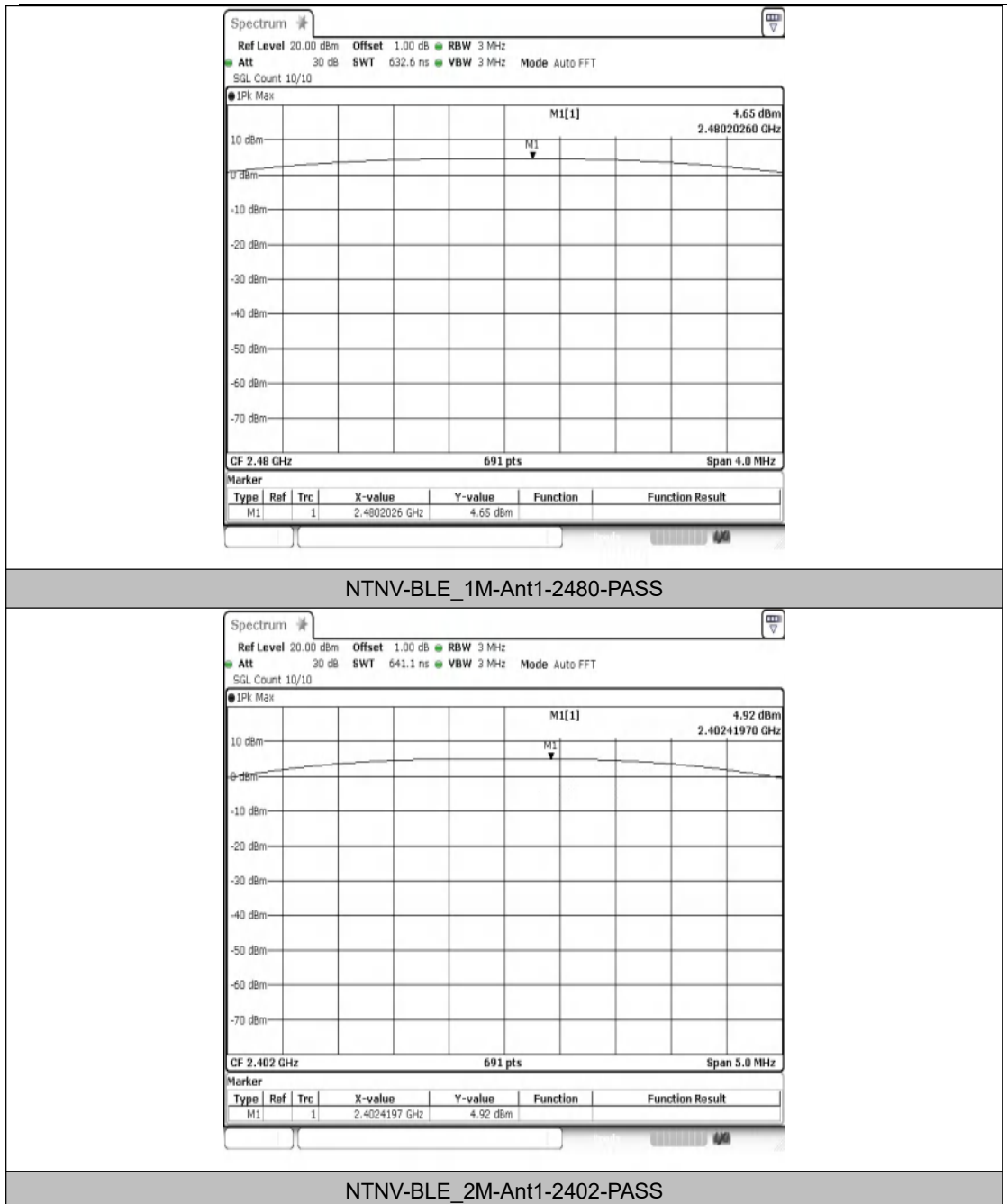


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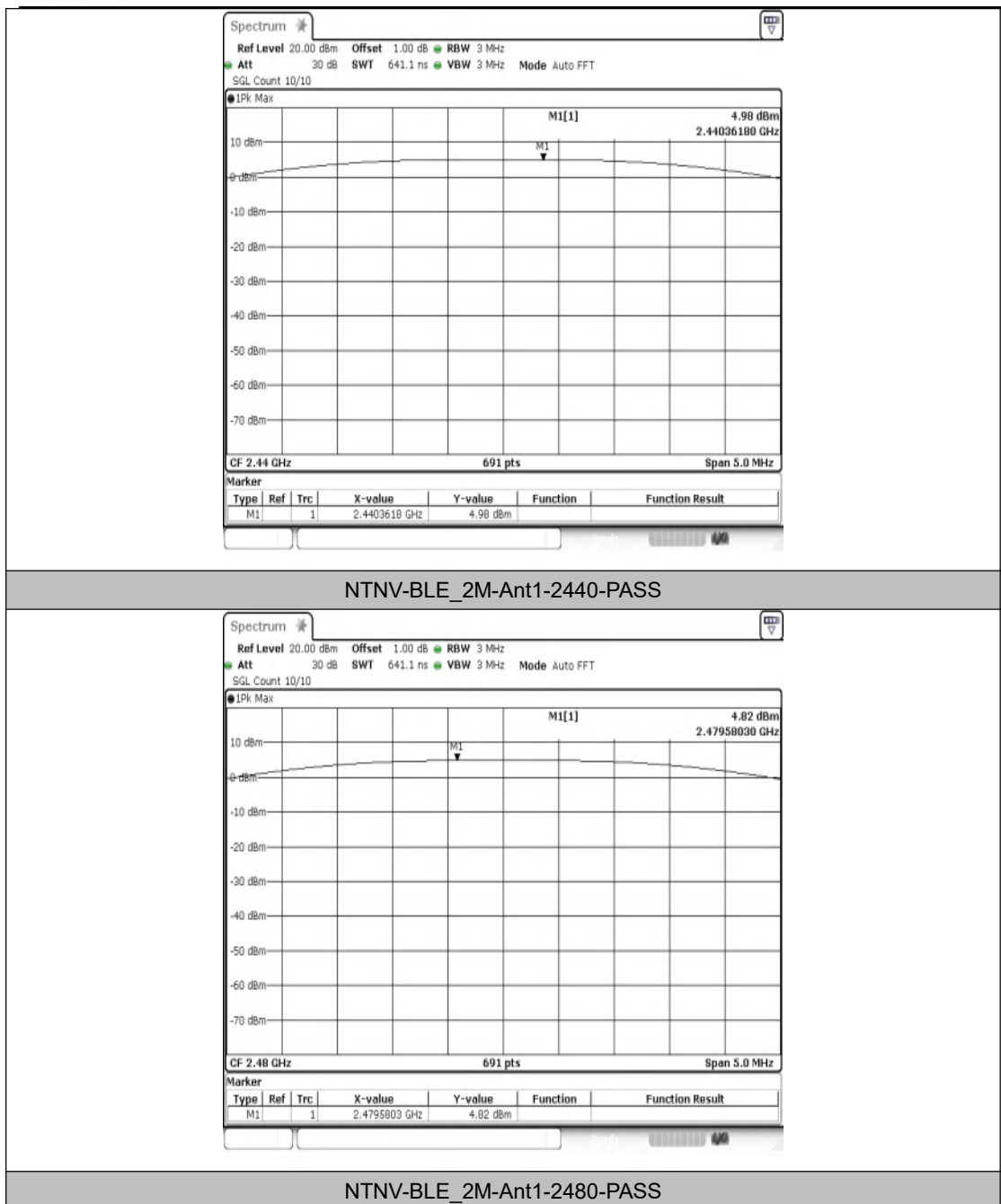


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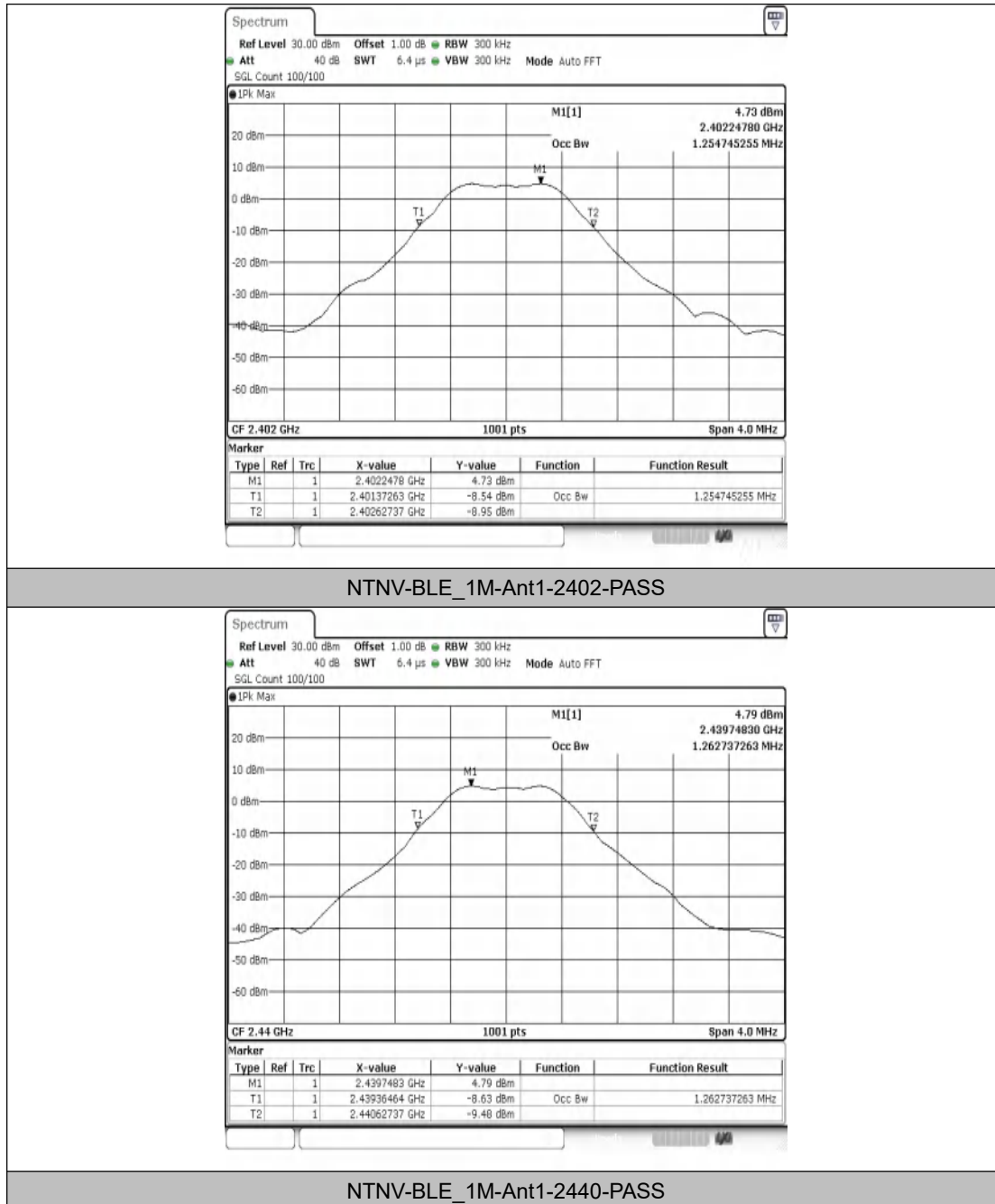
Appendix C: Occupied Bandwidth

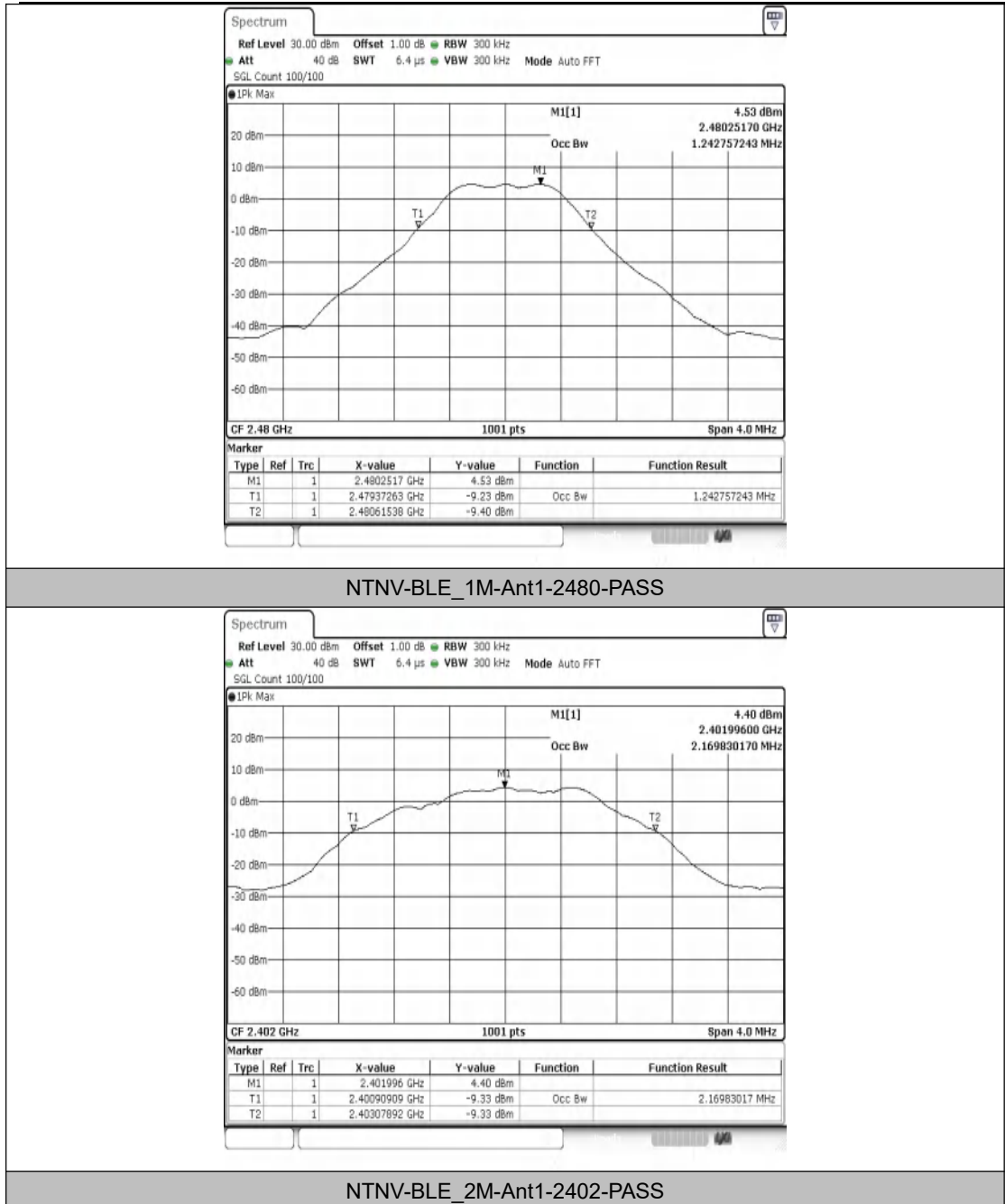
Test Result

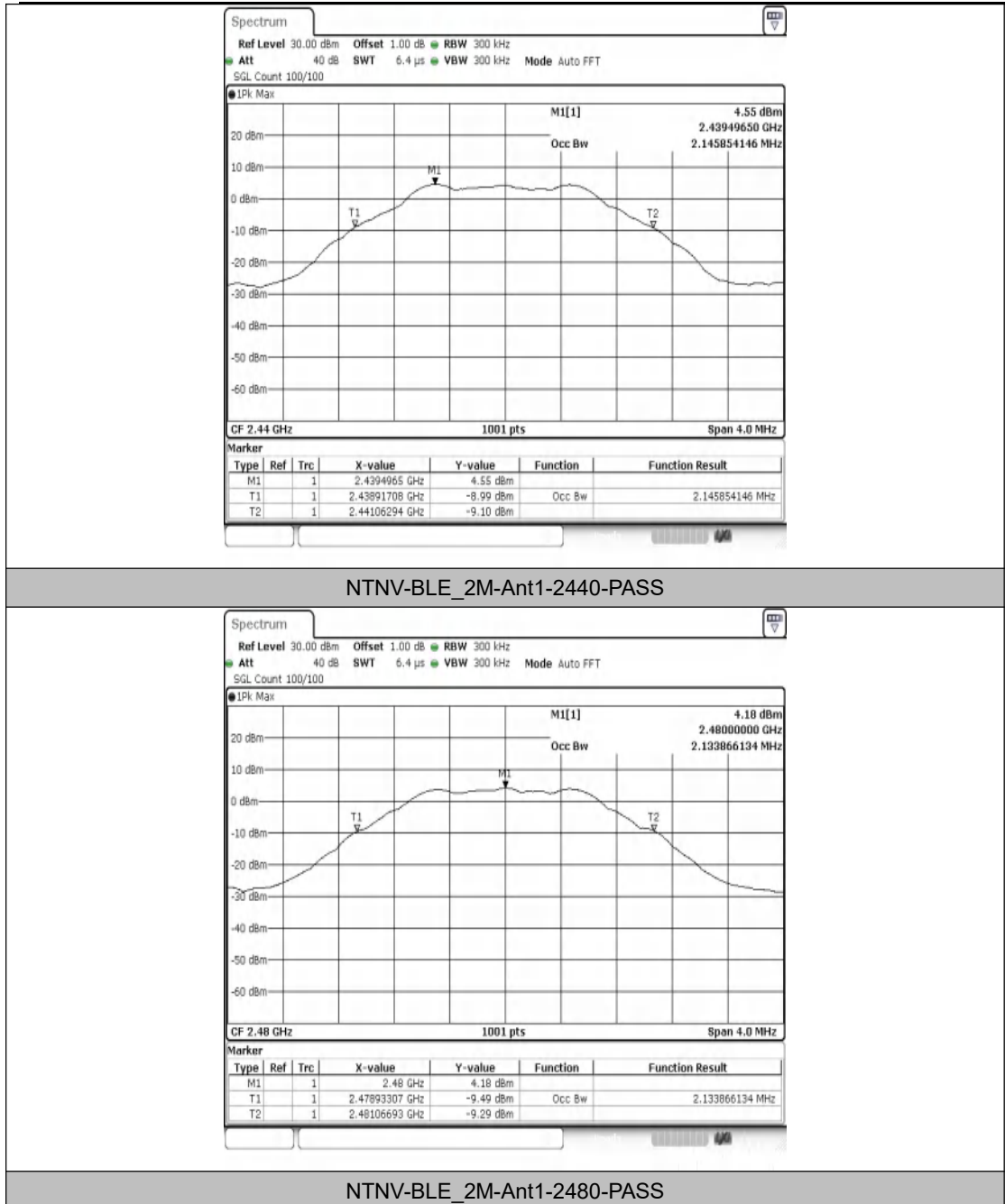
Test Condition	TestMode	Antenna	Freq.[MHz]	Result[MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.255	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.263	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.243	≤26	PASS
NTNV	BLE_2M	Ant1	2402	2.170	≤26	PASS
NTNV	BLE_2M	Ant1	2440	2.146	≤26	PASS
NTNV	BLE_2M	Ant1	2480	2.134	≤26	PASS



Test Graphs







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	548.22	-50.52	≤-26	0.00887	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	1000~2387	2378.33	-41.42	≤-26	0.07211	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	2387~2400	2400.00	-27.63	≤-16	1.72584	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2483.5~2496.5	2487.30	-38.42	≤-16	0.14388	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2496.5~13000	7205.74	-37.50	≤-26	0.17783	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	653.23	-50.46	≤-26	0.00899	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	1000~2387	2248.65	-47.26	≤-26	0.01879	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	2387~2400	2392.48	-37.48	≤-16	0.17865	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2483.5~2496.5	2488.24	-36.35	≤-16	0.23174	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2496.5~13000	7320.23	-38.73	≤-26	0.13397	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	894.51	-49.97	≤-26	0.01007	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	1000~2387	2288.18	-46.19	≤-26	0.02404	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	2387~2400	2387.13	-38.71	≤-16	0.13459	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2483.5~2496.5	2483.57	-34.74	≤-16	0.33574	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2496.5~13000	7439.97	-39.83	≤-26	0.10399	≤2.5	PASS
NTNV	BLE_2M	Ant1	2402	30~1000	854.02	-50.56	≤-26	0.00879	≤2.5	PASS
NTNV	BLE_2M	Ant1	2402	1000~2387	2377.98	-41.34	≤-26	0.07345	≤2.5	PASS



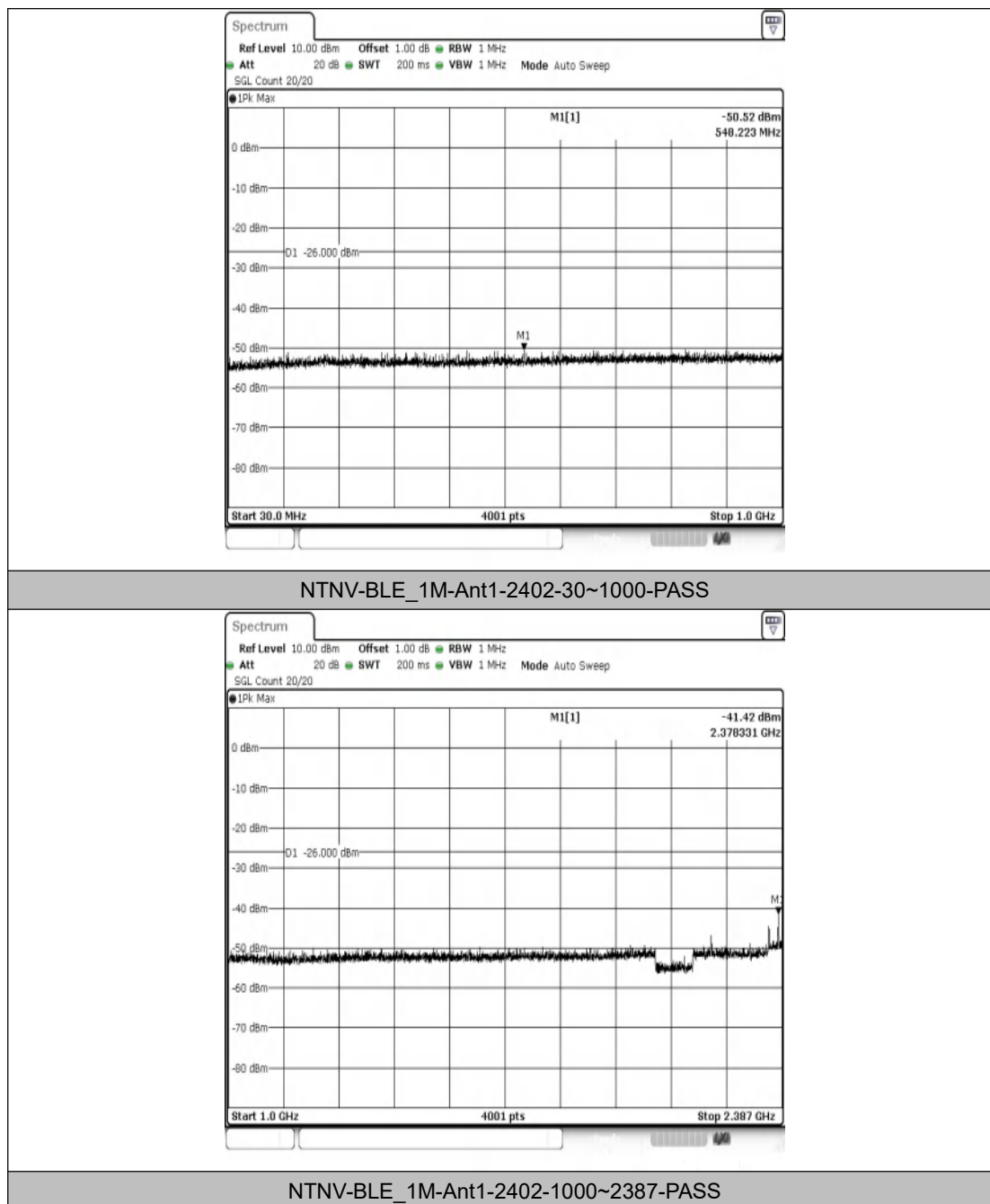
NTNV	BLE_2M	Ant1	2402	2387~2400	2400	-16.91	≤-16	20.37042	≤25	See table below
NTNV	BLE_2M	Ant1	2402	2483.5~2496.5	2494.95	-38.06	≤-16	0.15631	≤25	PASS
NTNV	BLE_2M	Ant1	2402	2496.5~13000	7207.32	-39.05	≤-26	0.12445	≤2.5	PASS
NTNV	BLE_2M	Ant1	2440	30~1000	799.70	-49.22	≤-26	0.01197	≤2.5	PASS
NTNV	BLE_2M	Ant1	2440	1000~2387	2247.95	-46.69	≤-26	0.02143	≤2.5	PASS
NTNV	BLE_2M	Ant1	2440	2387~2400	2391.78	-37.48	≤-16	0.17865	≤25	PASS
NTNV	BLE_2M	Ant1	2440	2483.5~2496.5	2488.44	-36.78	≤-16	0.20989	≤25	PASS
NTNV	BLE_2M	Ant1	2440	2496.5~13000	7319.71	-39.79	≤-26	0.10495	≤2.5	PASS
NTNV	BLE_2M	Ant1	2480	30~1000	773.75	-49.44	≤-26	0.01138	≤2.5	PASS
NTNV	BLE_2M	Ant1	2480	1000~2387	2288.18	-46.34	≤-26	0.02323	≤2.5	PASS
NTNV	BLE_2M	Ant1	2480	2387~2400	2397.09	-38.62	≤-16	0.13740	≤25	PASS
NTNV	BLE_2M	Ant1	2480	2483.5~2496.5	2485.74	-32.16	≤-16	0.60814	≤25	PASS
NTNV	BLE_2M	Ant1	2480	2496.5~13000	4961.15	-40.37	≤-26	0.09183	≤2.5	PASS

Test Result_Step2

Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	BLE_2M	Ant1	2402	2400.00	-21.58	≤-16	6.95024	≤25	PASS



Test Graphs

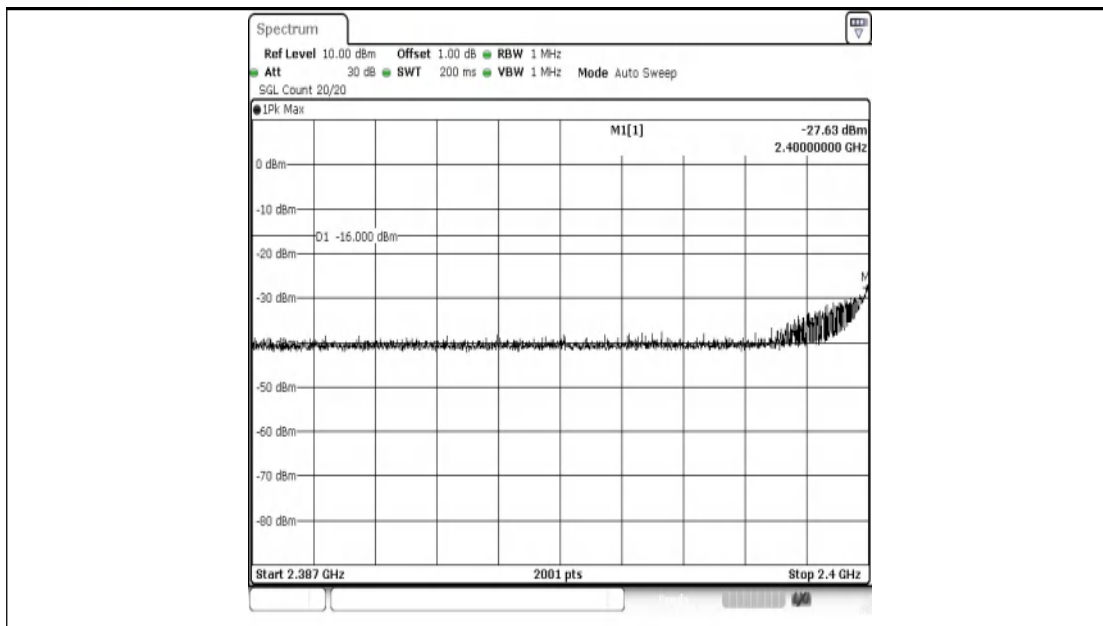


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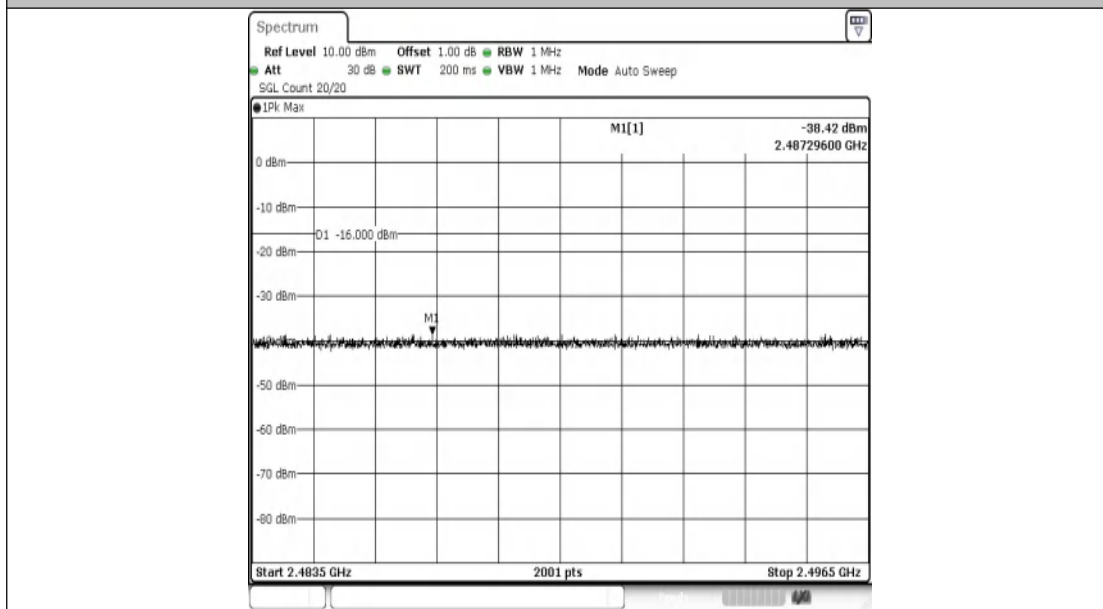
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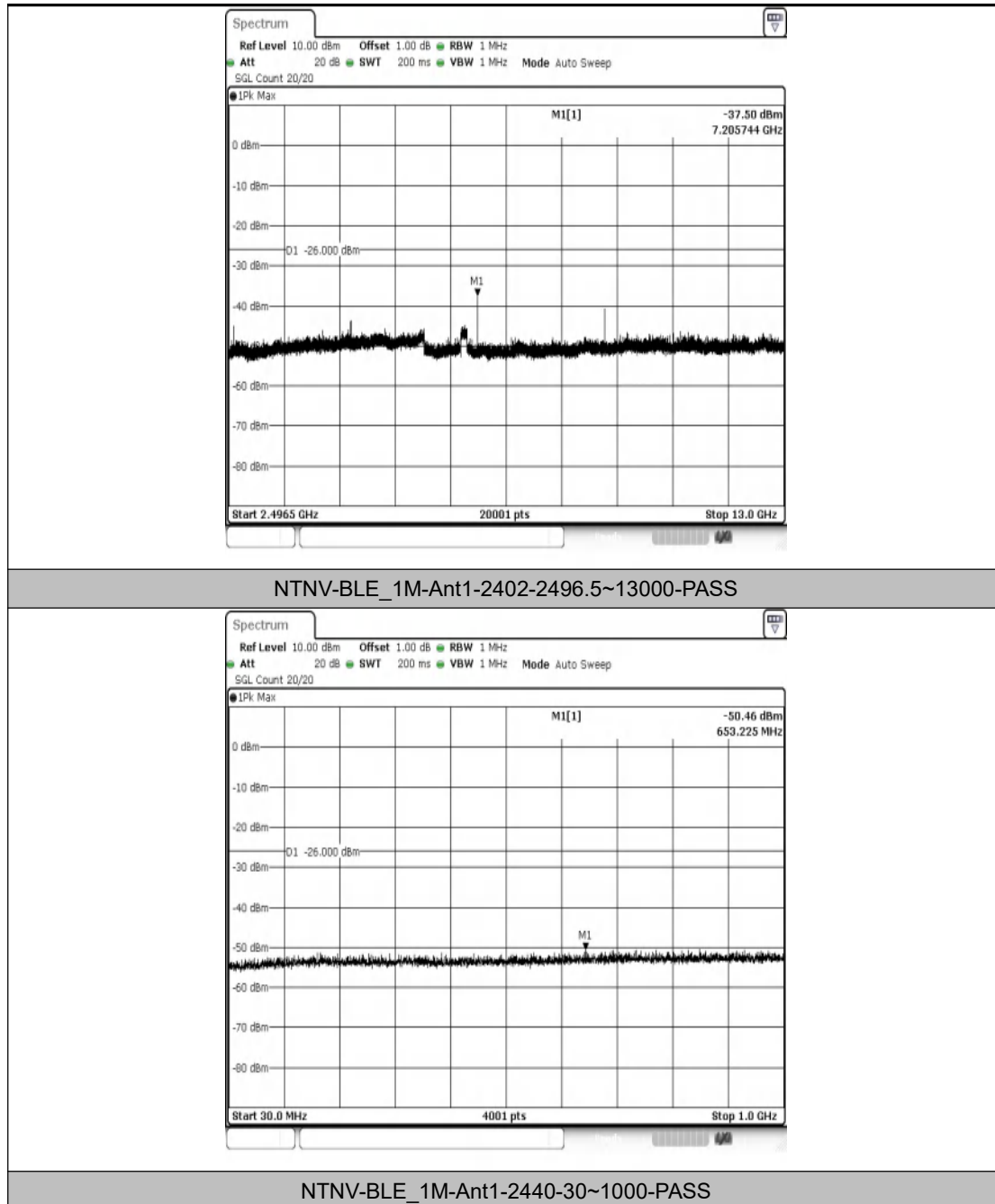


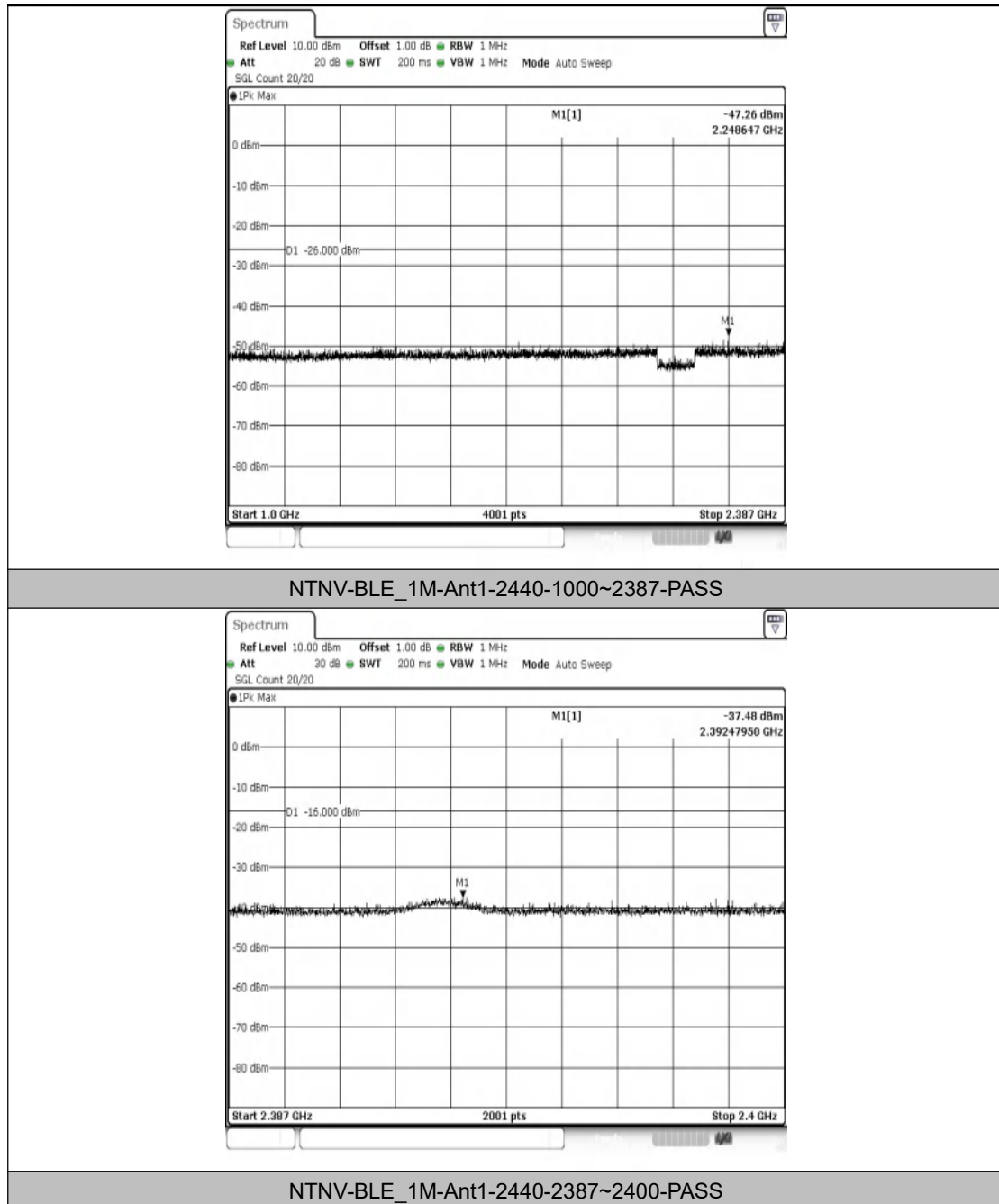
NTNV-BLE_1M-Ant1-2402-2387~2400-PASS



NTNV-BLE_1M-Ant1-2402-2483.5~2496.5-PASS





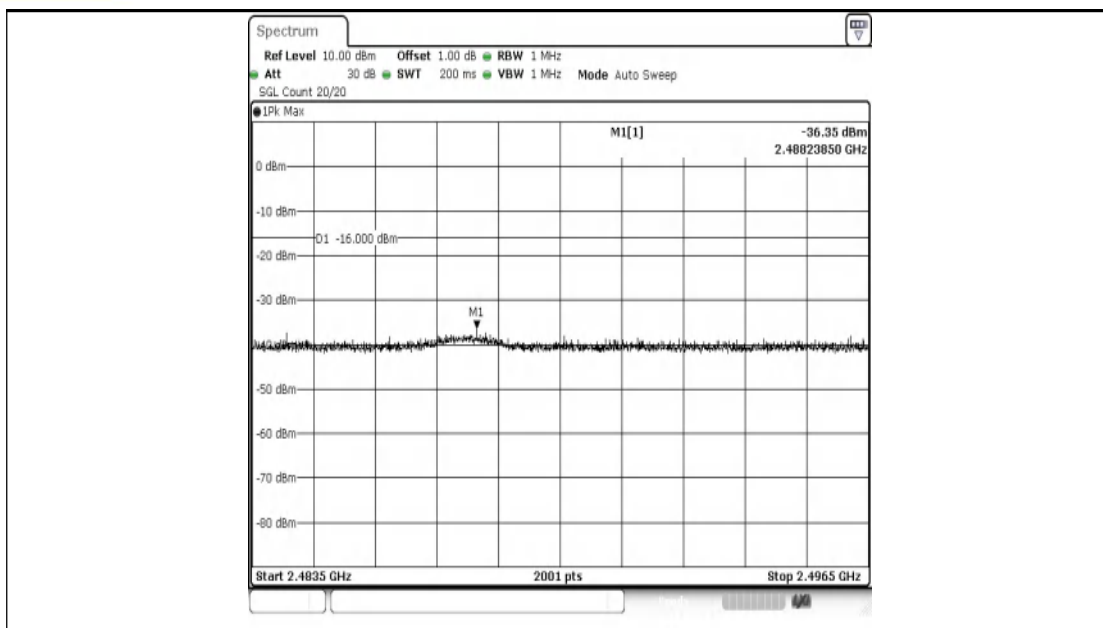


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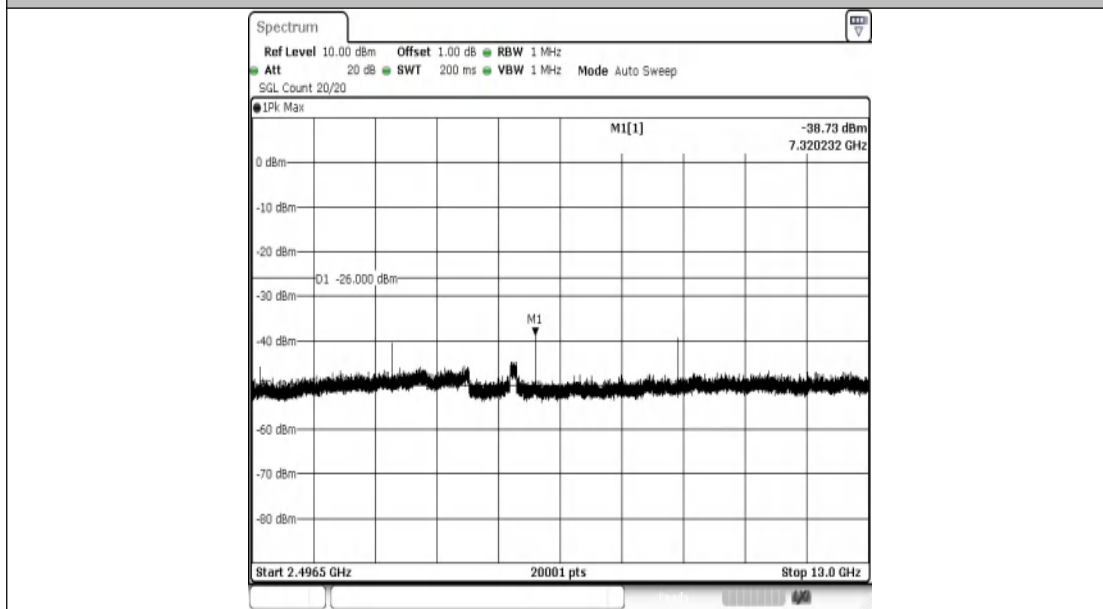
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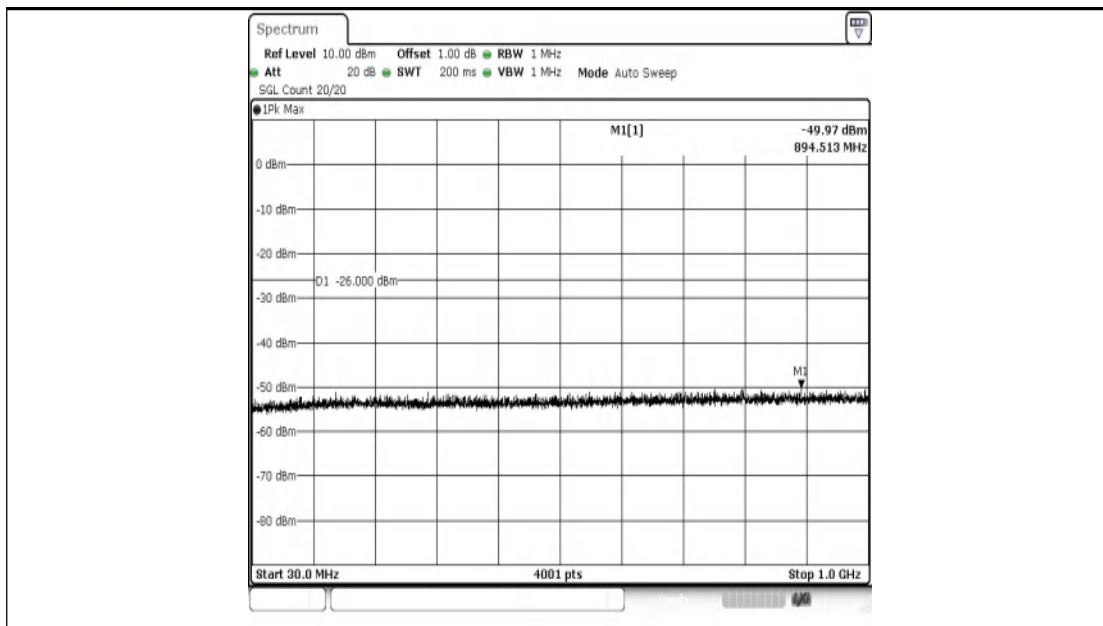


NTNV-BLE_1M-Ant1-2440-2483.5~2496.5-PASS

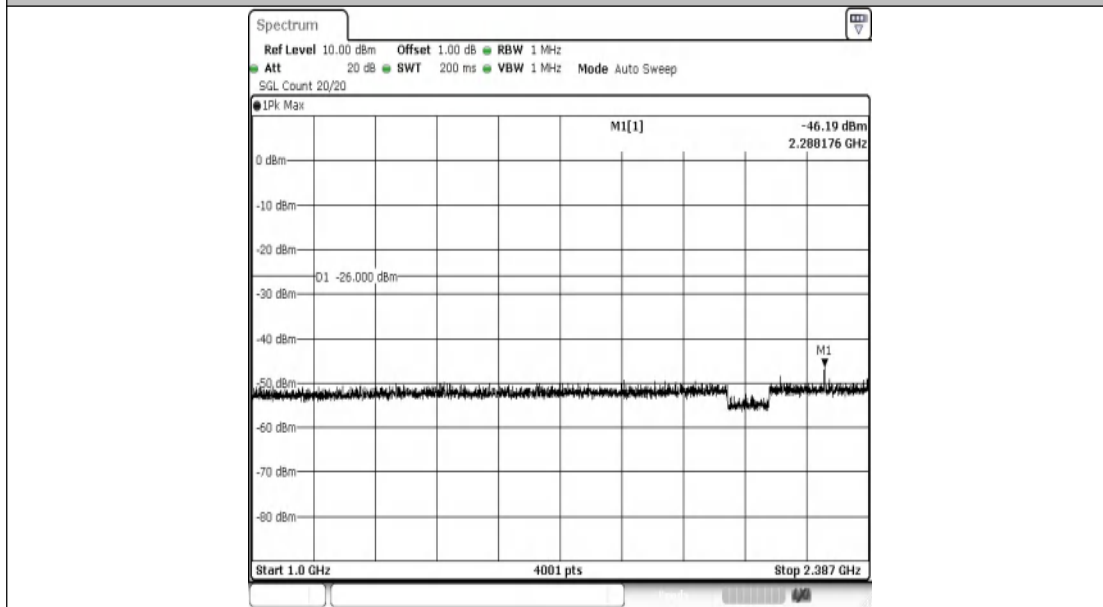


NTNV-BLE_1M-Ant1-2440-2496.5~13000-PASS



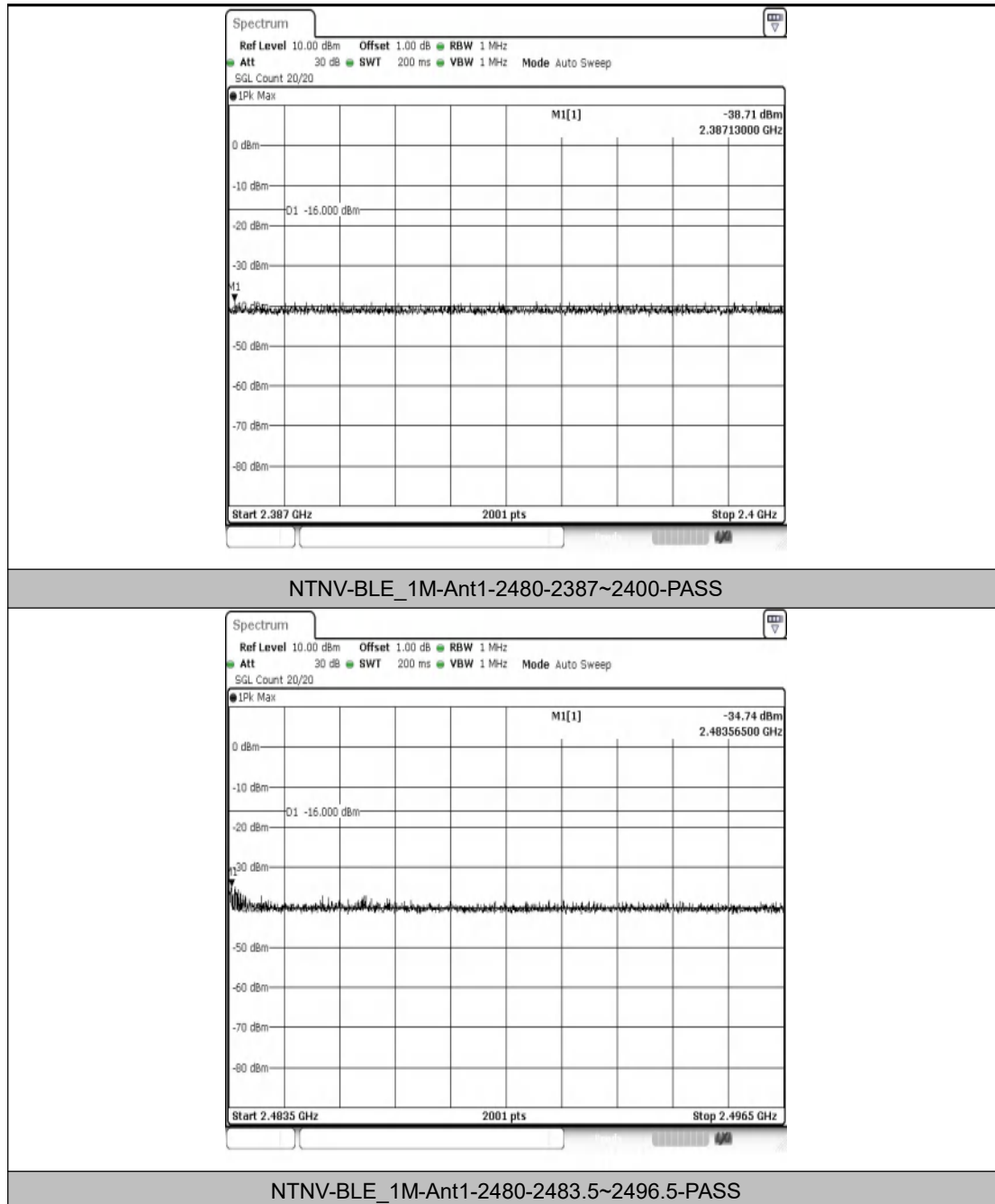


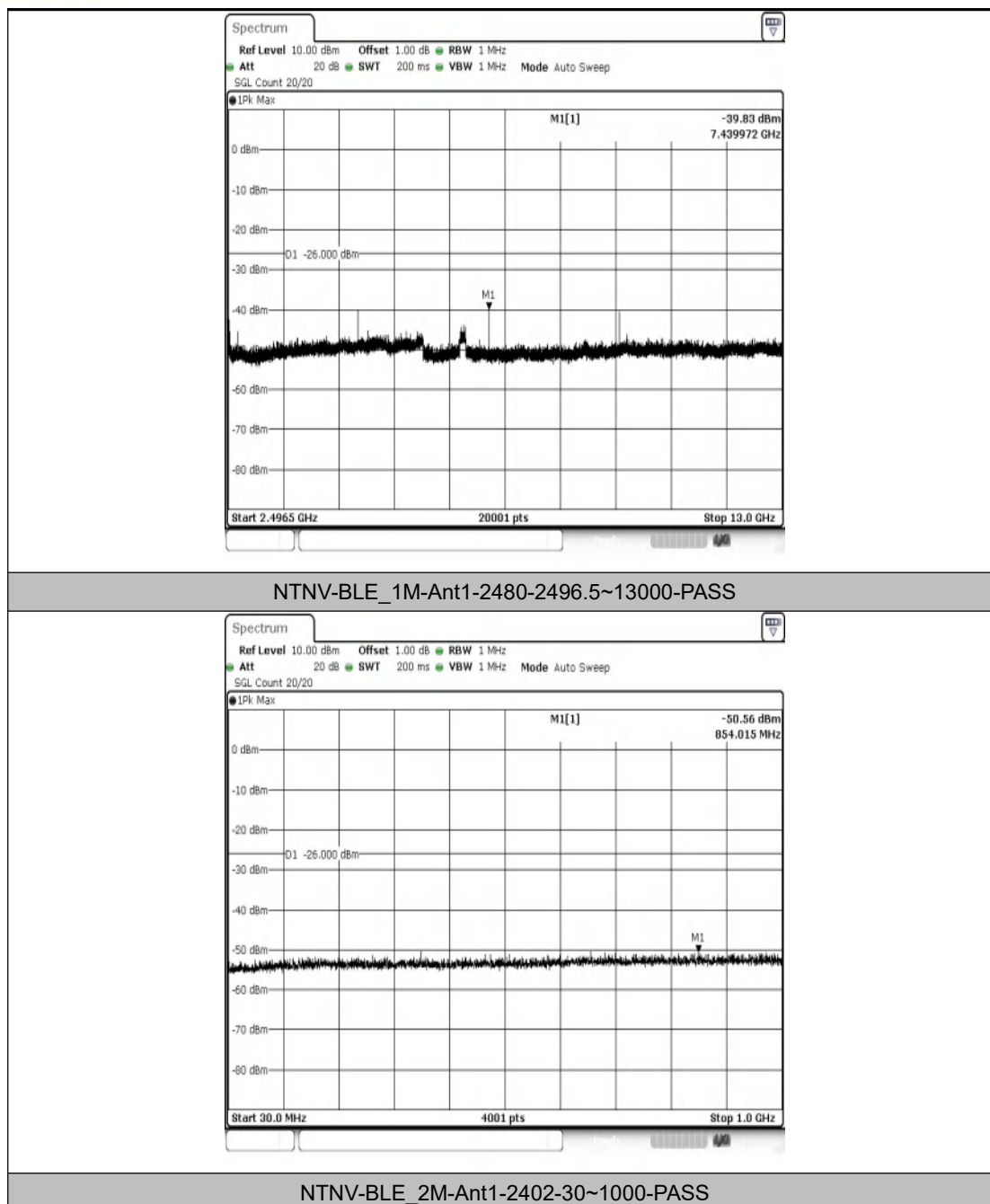
NTNV-BLE_1M-Ant1-2480-30~1000-PASS

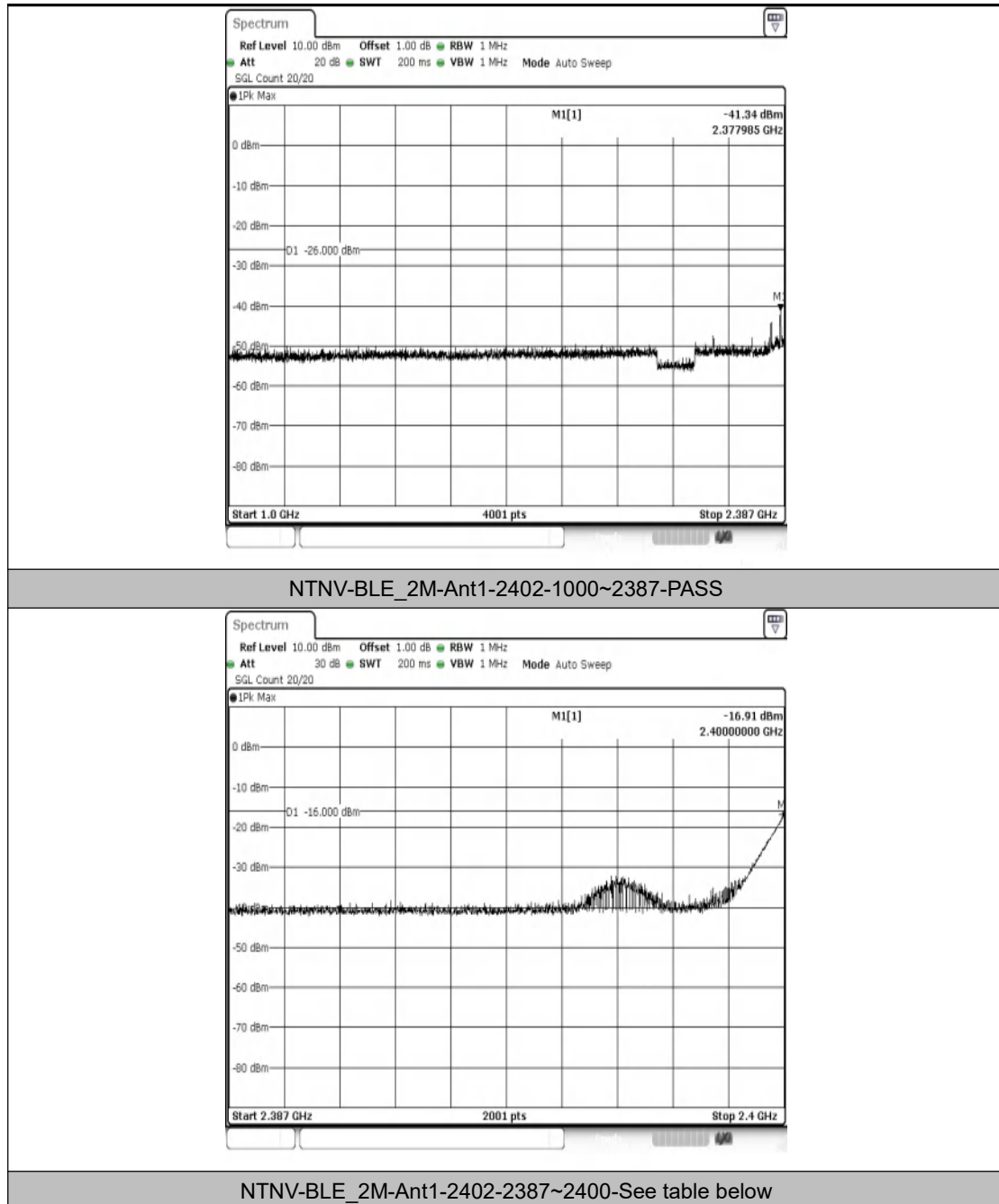


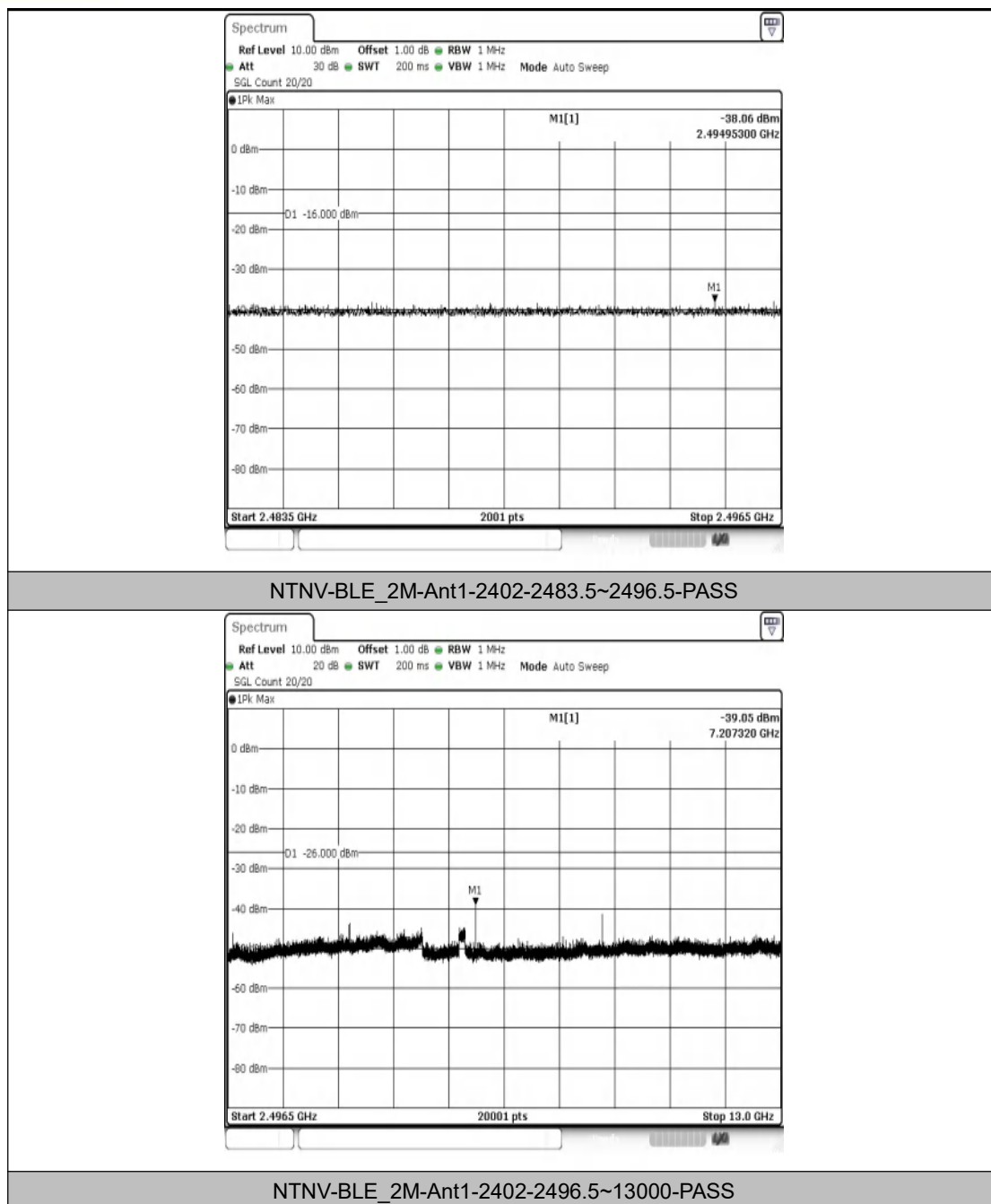
NTNV-BLE_1M-Ant1-2480-1000~2387-PASS

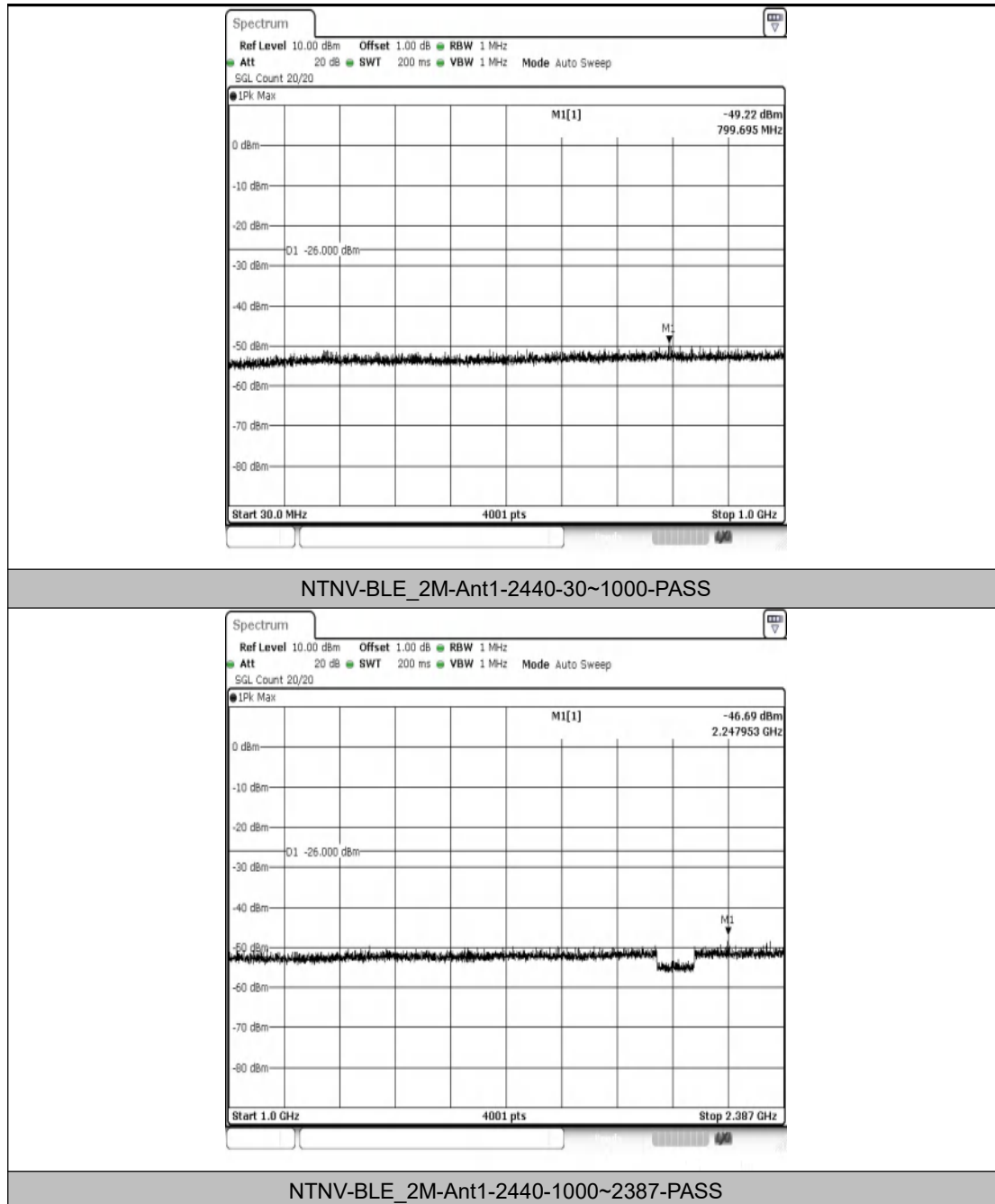










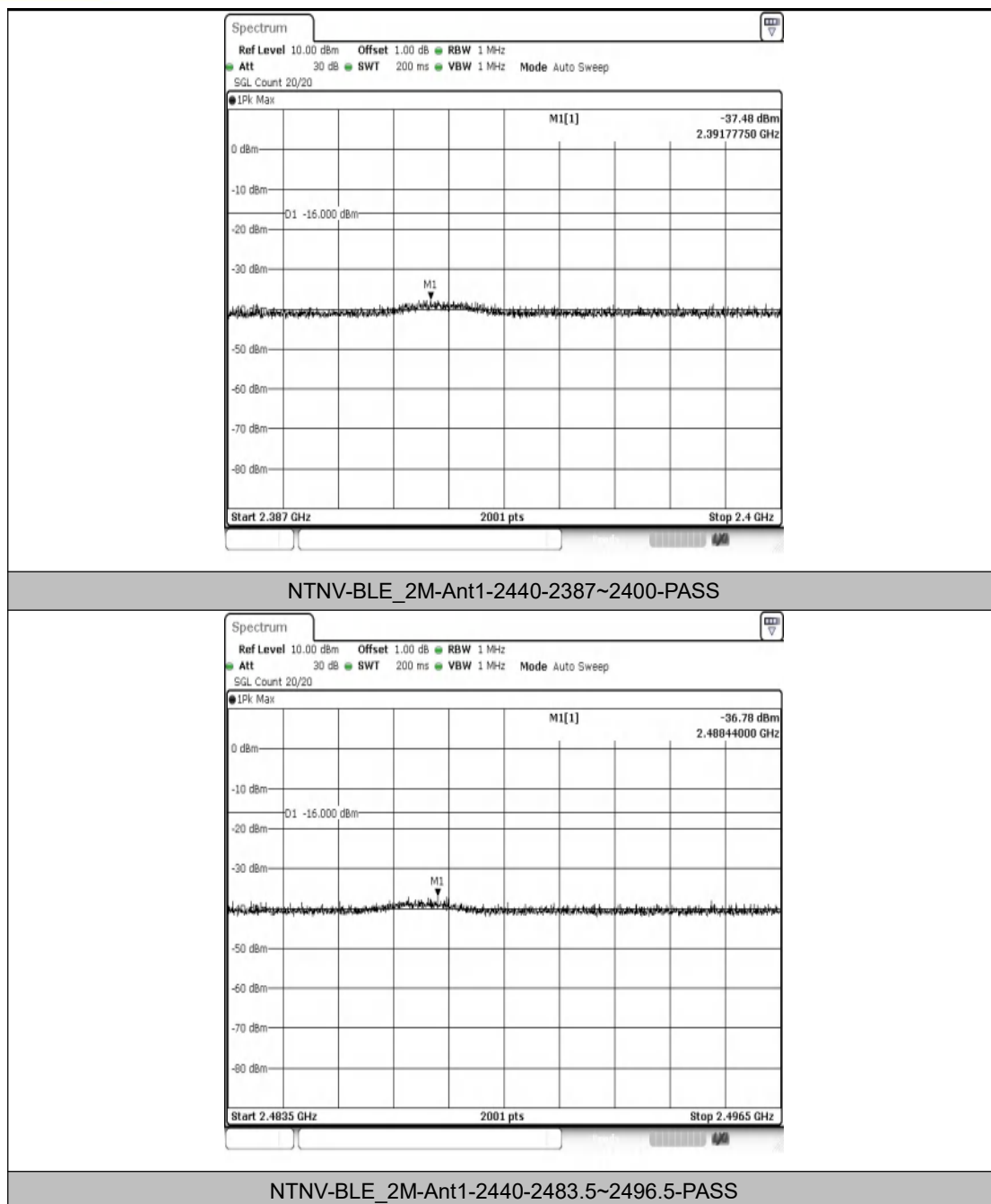


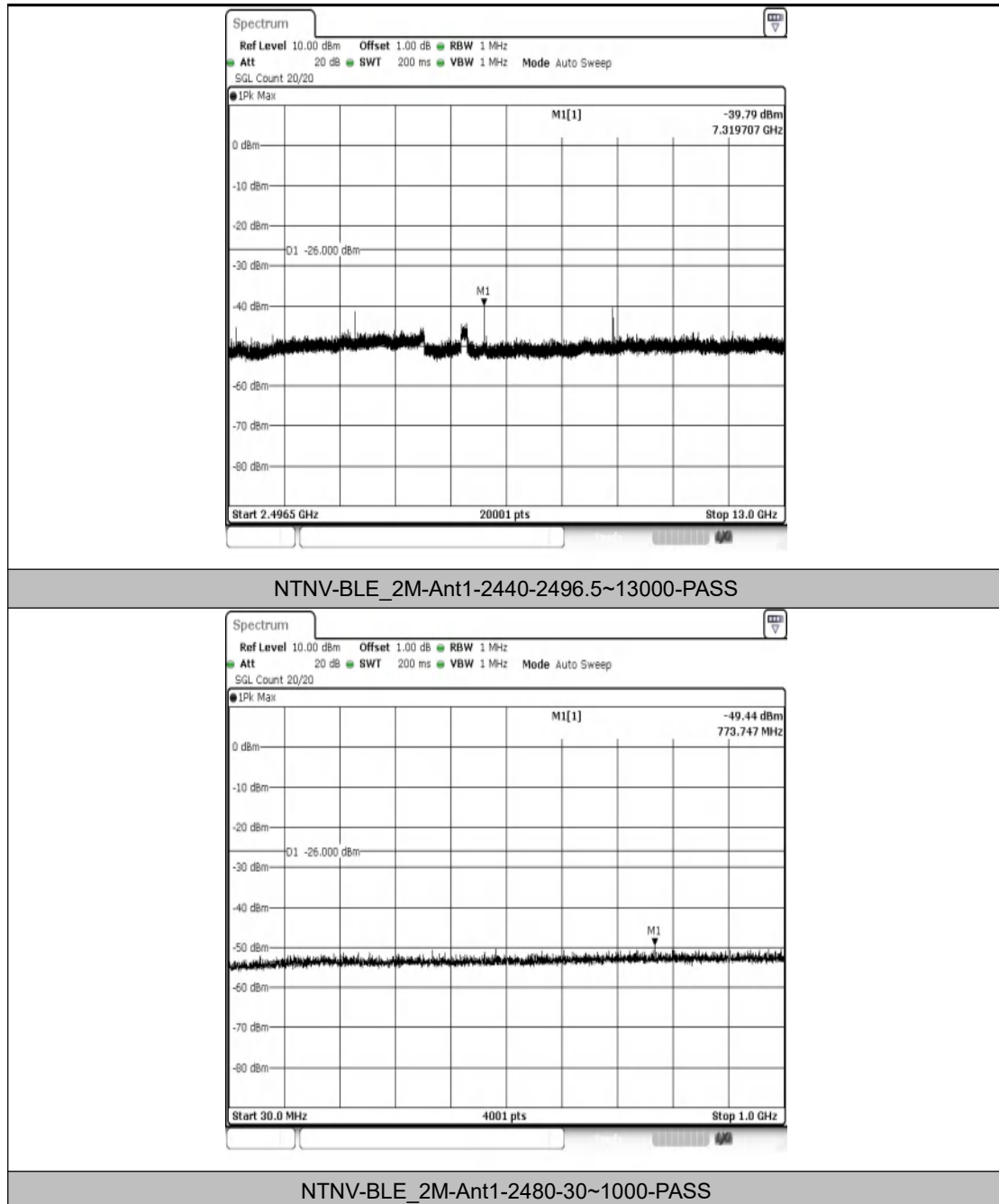
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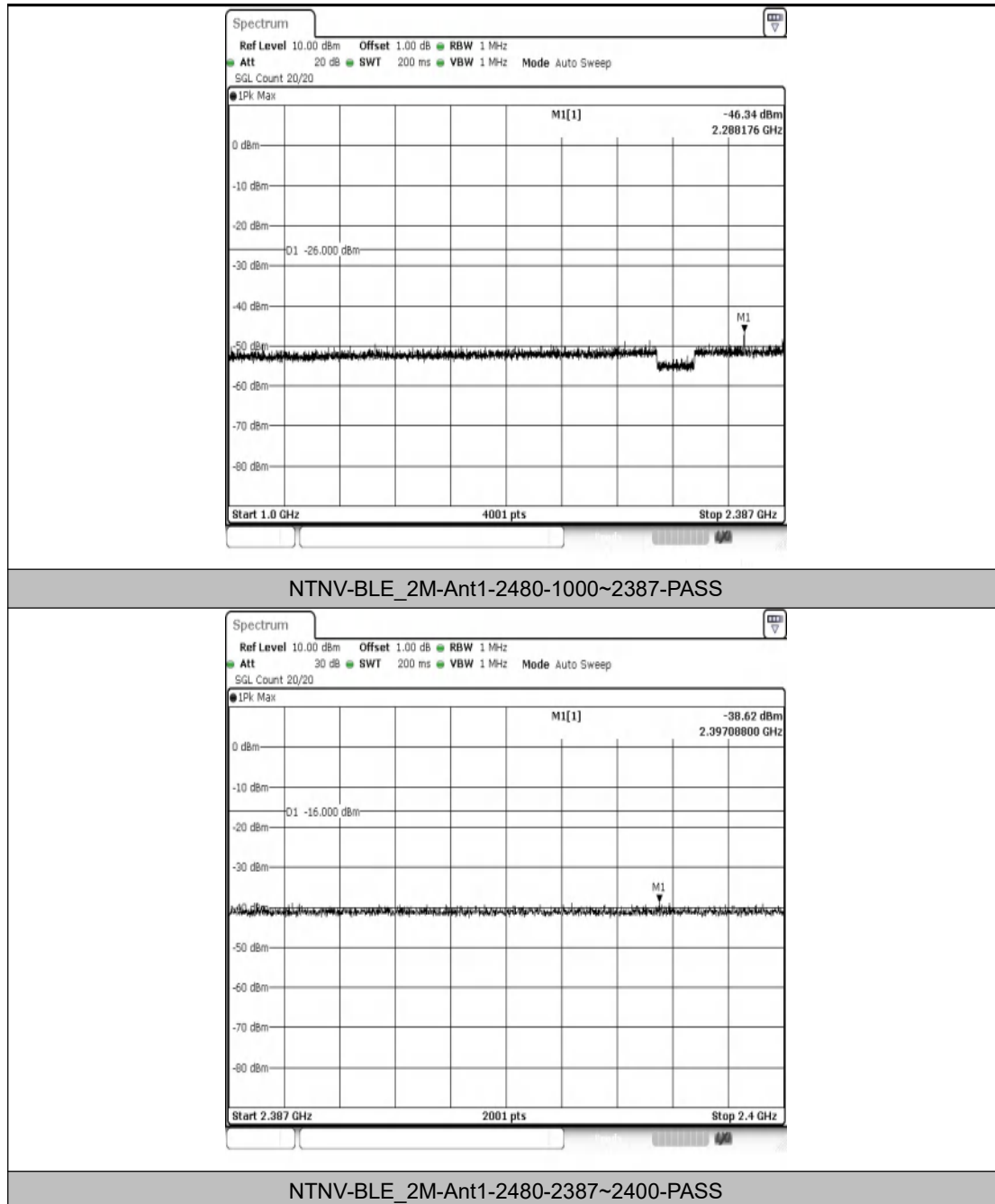


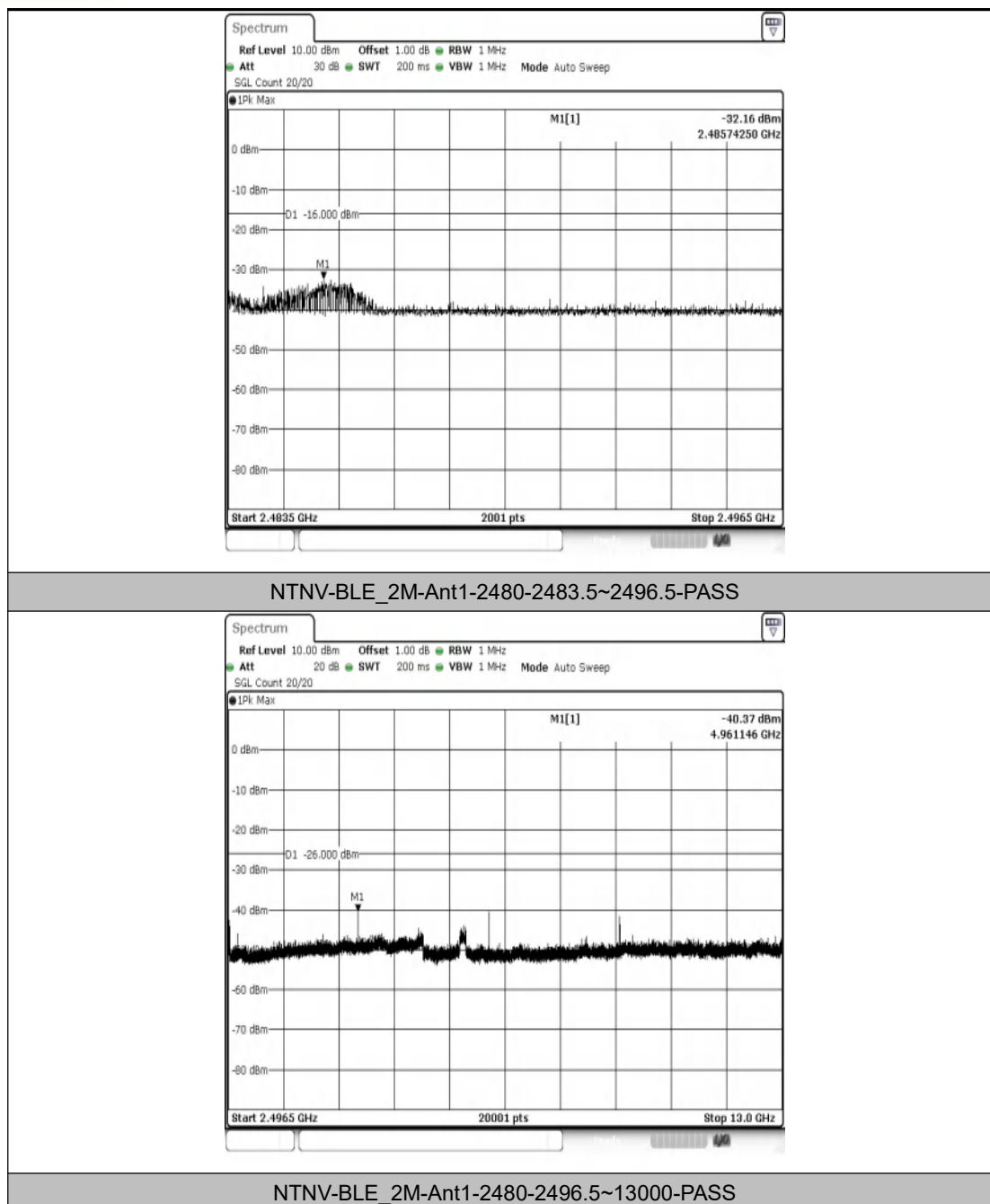
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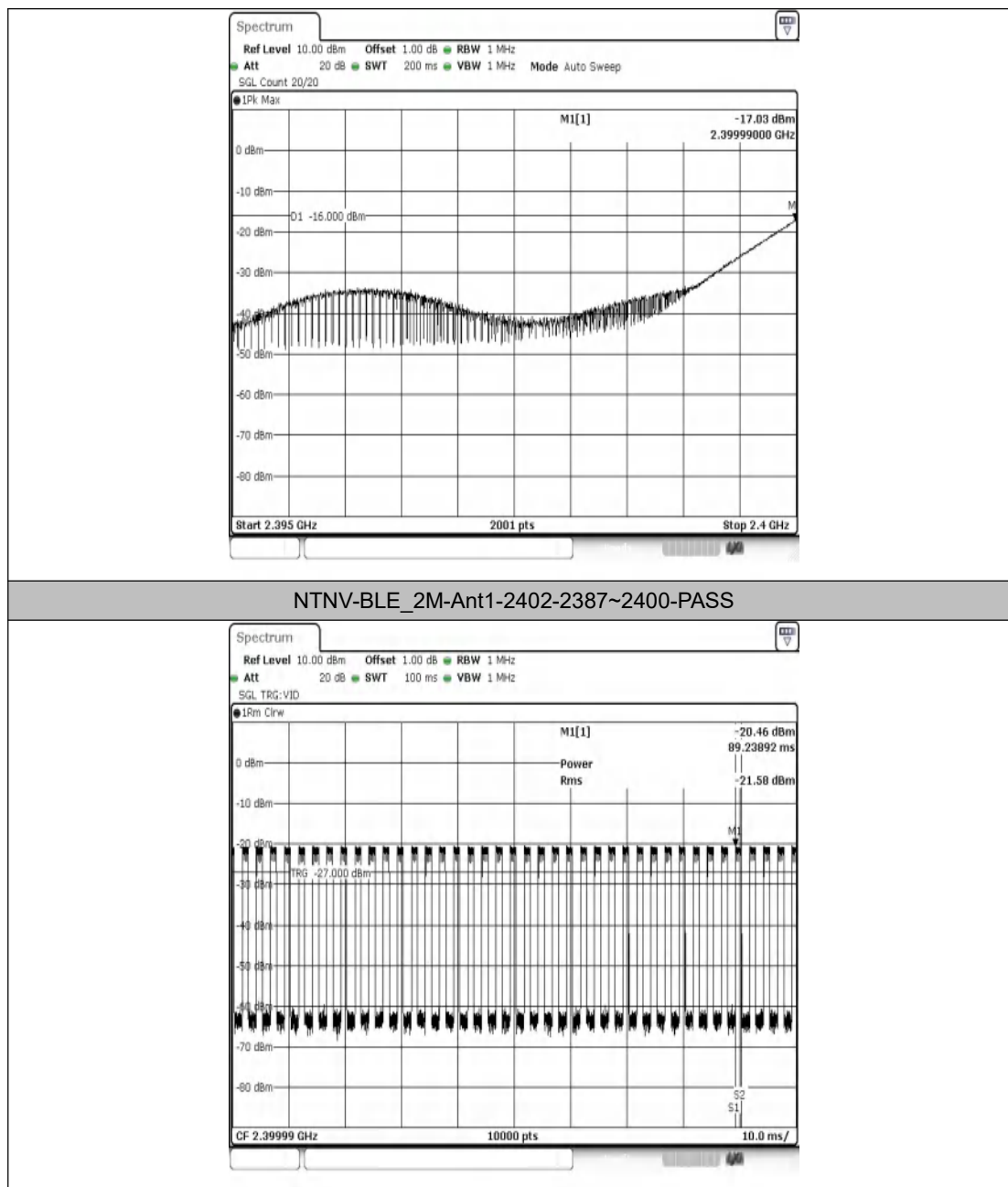
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Test Graphs_Step2



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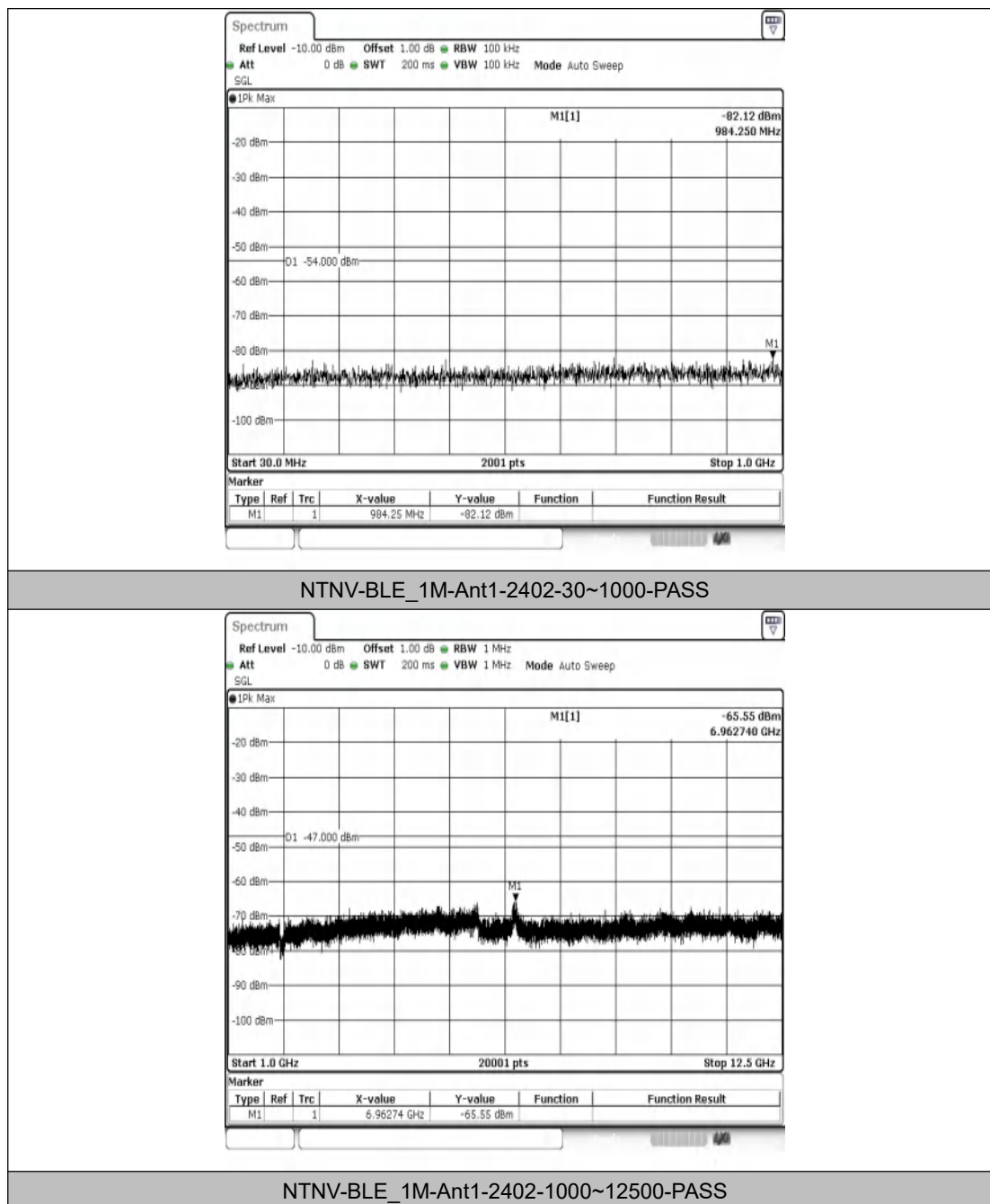
Appendix E: Spurious Emission of RX

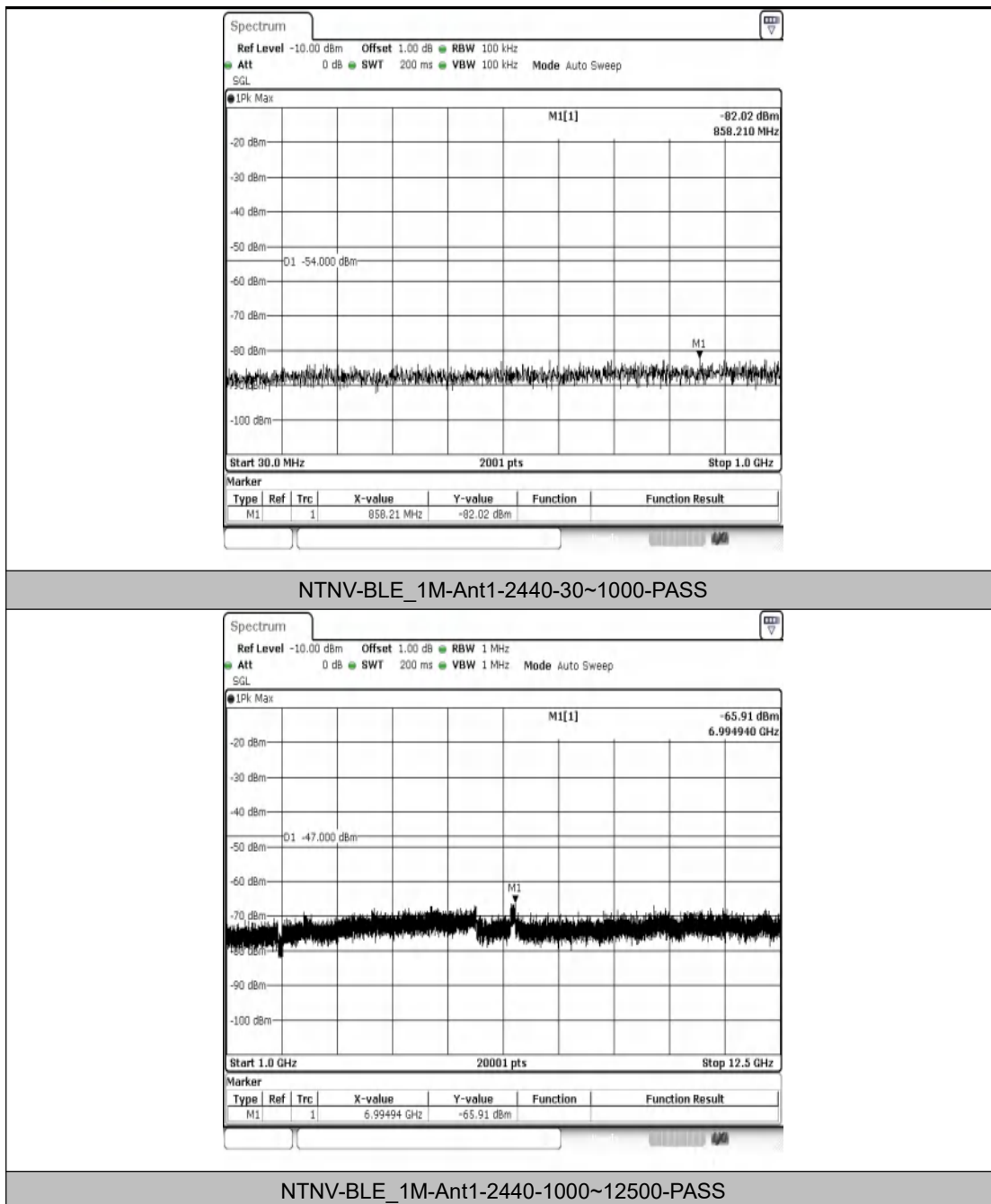
Test Result

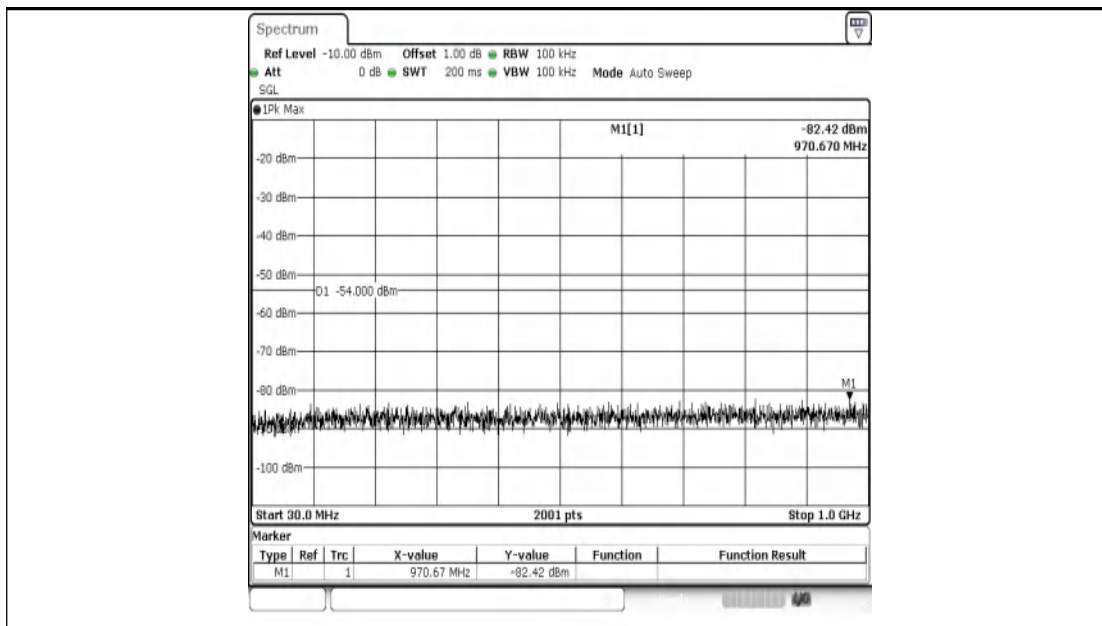
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	984.25	-82.12	≤-54	0.00614	≤4	PASS
NTNV	BLE_1M	Ant1	2402	1000~12500	6962.74	-65.55	≤-47	0.27861	≤20	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	858.21	-82.02	≤-54	0.00628	≤4	PASS
NTNV	BLE_1M	Ant1	2440	1000~12500	6994.94	-65.91	≤-47	0.25645	≤20	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	970.67	-82.42	≤-54	0.00573	≤4	PASS
NTNV	BLE_1M	Ant1	2480	1000~12500	6165.83	-65.94	≤-47	0.25468	≤20	PASS
NTNV	BLE_2M	Ant1	2402	30~1000	898.93	-82.11	≤-54	0.00615	≤4	PASS
NTNV	BLE_2M	Ant1	2402	1000~12500	6902.37	-65.59	≤-47	0.27606	≤20	PASS
NTNV	BLE_2M	Ant1	2440	30~1000	998.30	-82.64	≤-54	0.00545	≤4	PASS
NTNV	BLE_2M	Ant1	2440	1000~12500	6125.01	-65.78	≤-47	0.26424	≤20	PASS
NTNV	BLE_2M	Ant1	2480	30~1000	936.25	-81.99	≤-54	0.00632	≤4	PASS
NTNV	BLE_2M	Ant1	2480	1000~12500	6979.99	-65.66	≤-47	0.27164	≤20	PASS



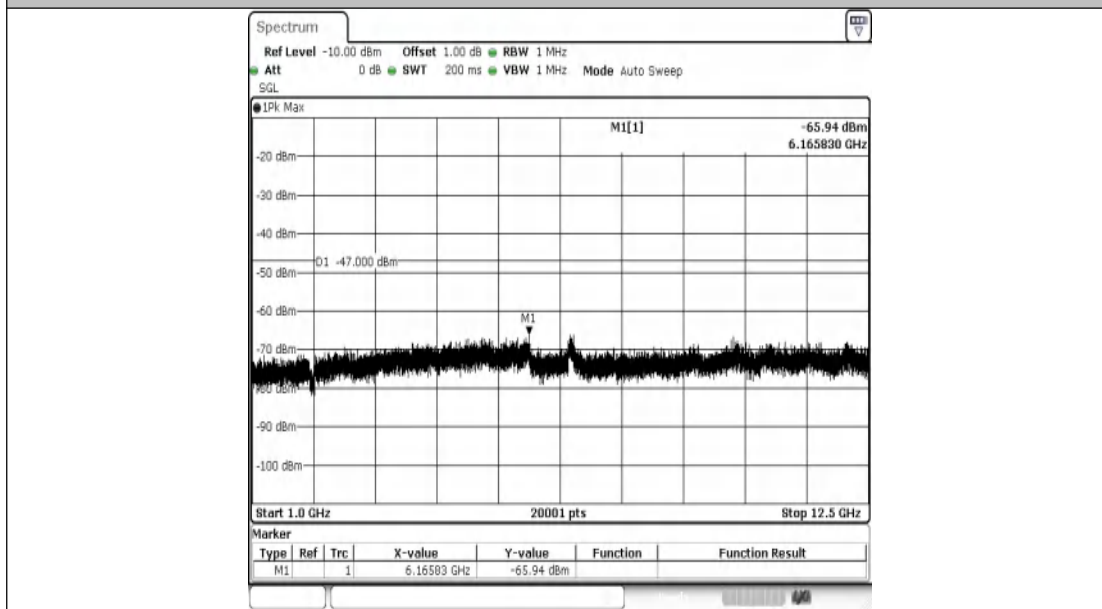
Test Graphs





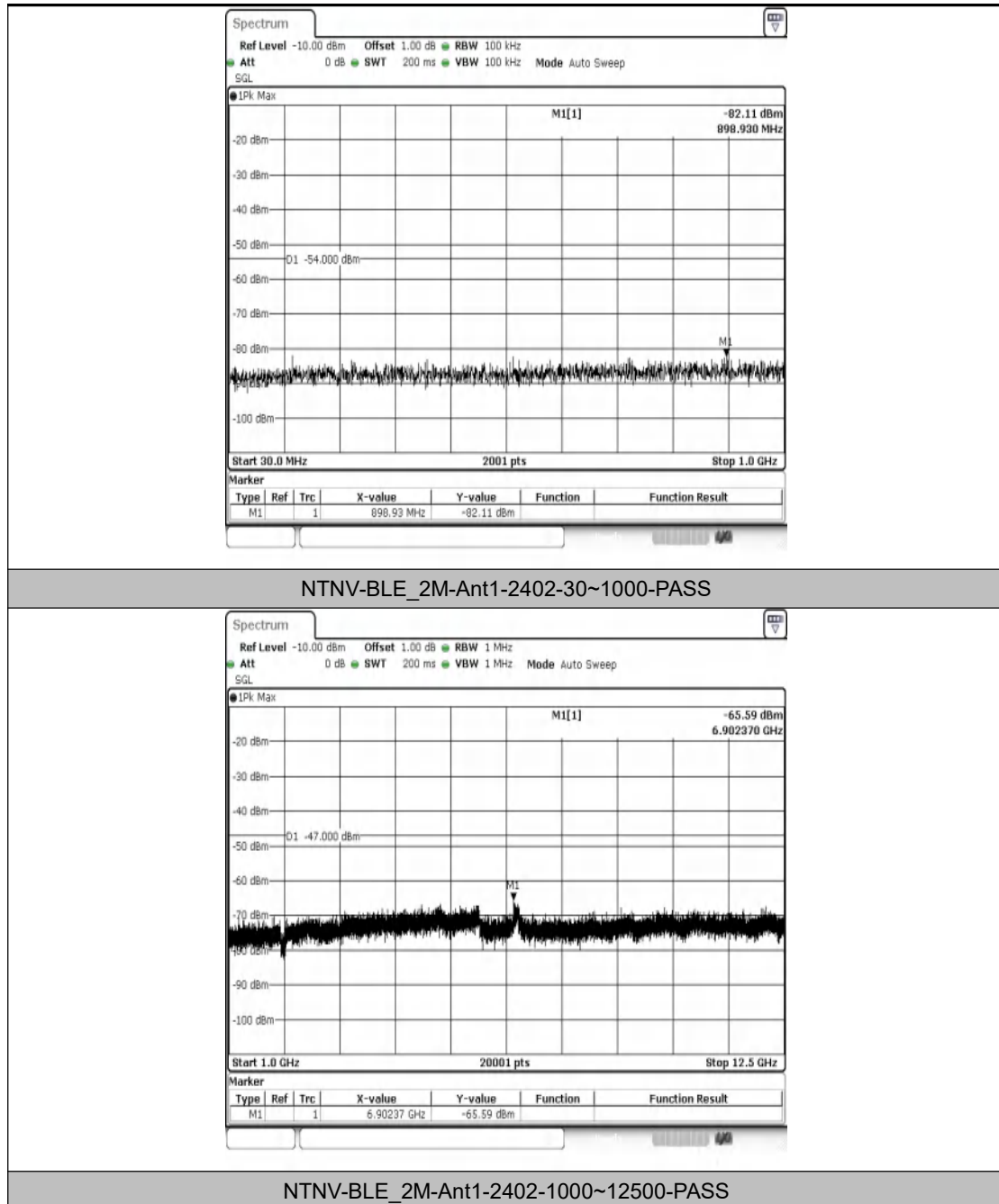


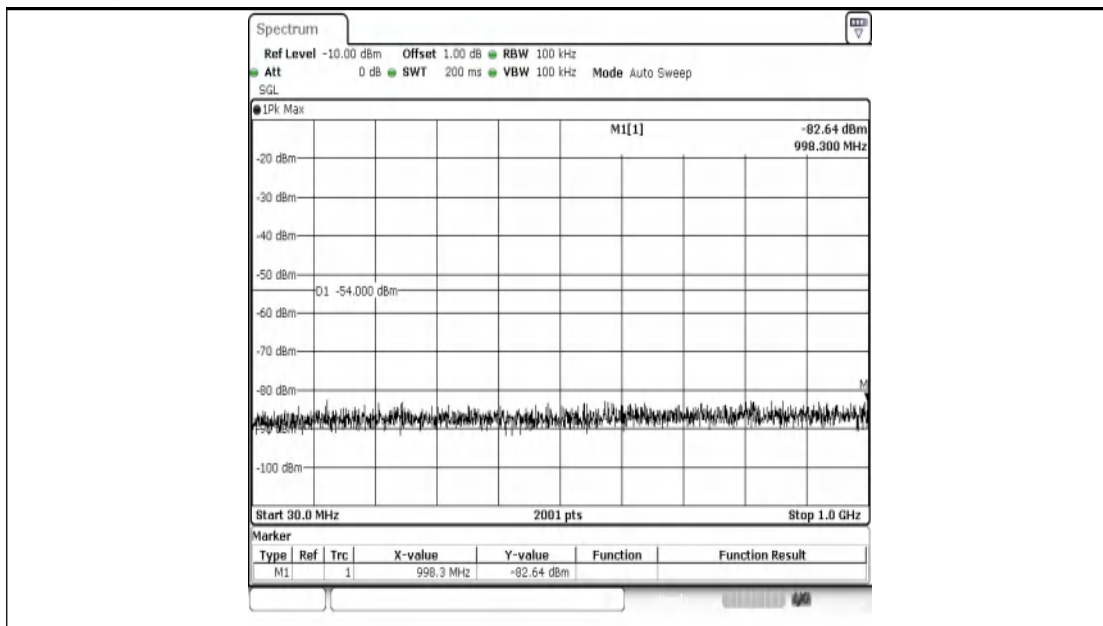
NTNV-BLE_1M-Ant1-2480-30~1000-PASS



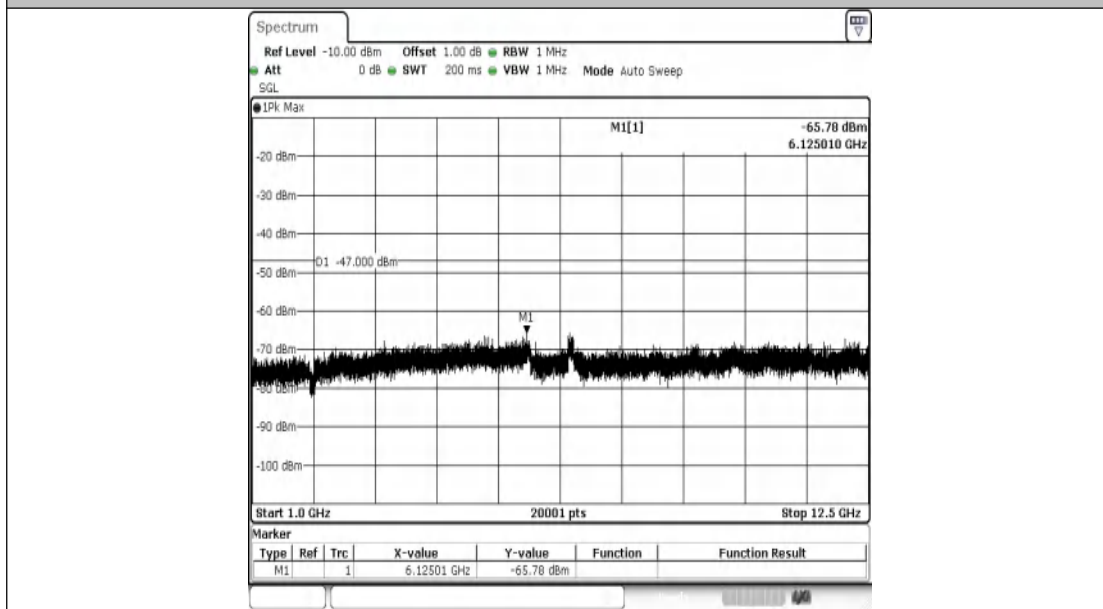
NTNV-BLE_1M-Ant1-2480-1000~12500-PASS





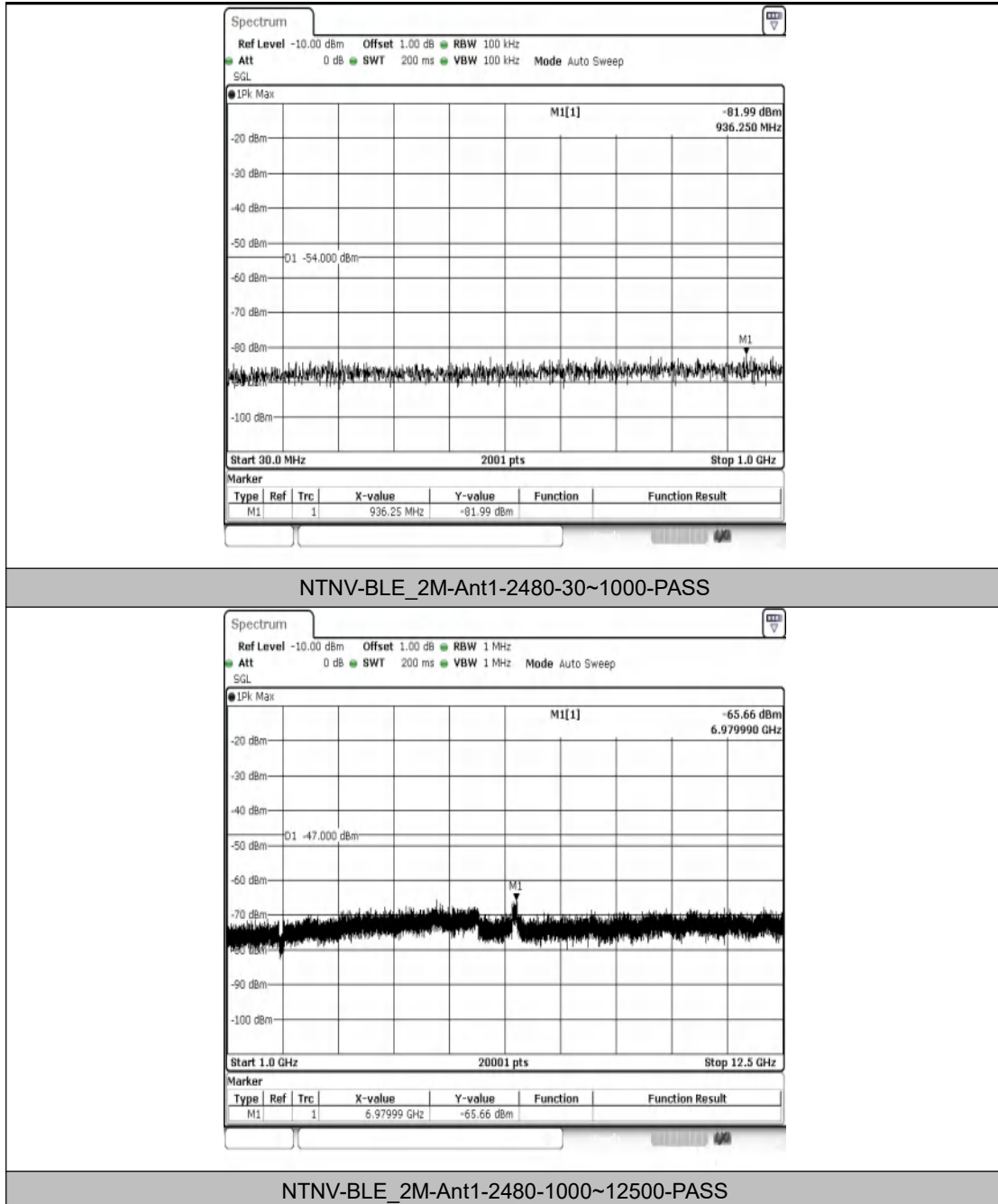


NTNV-BLE_2M-Ant1-2440-30~1000-PASS



NTNV-BLE_2M-Ant1-2440-1000~12500-PASS





---END---

