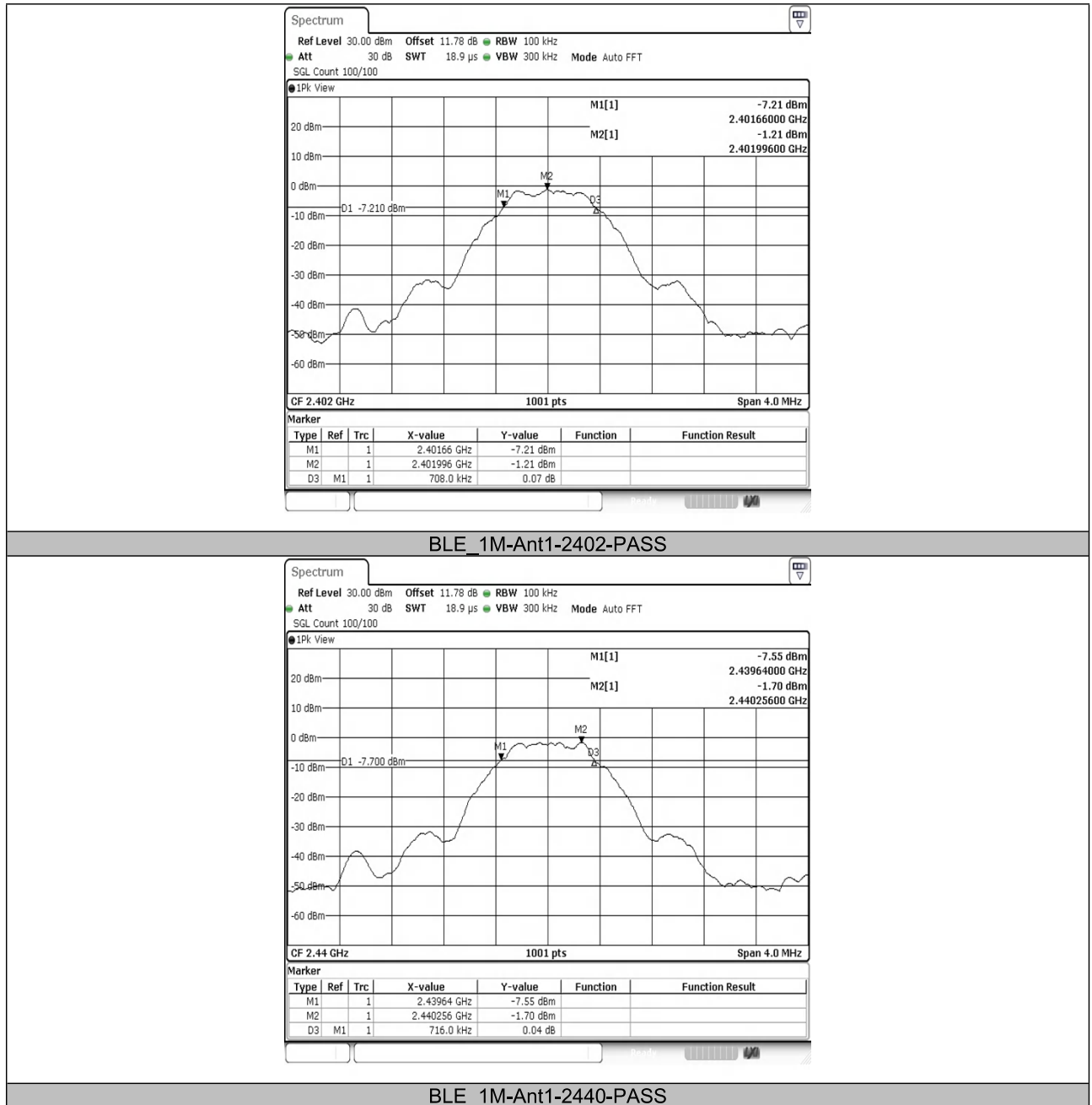


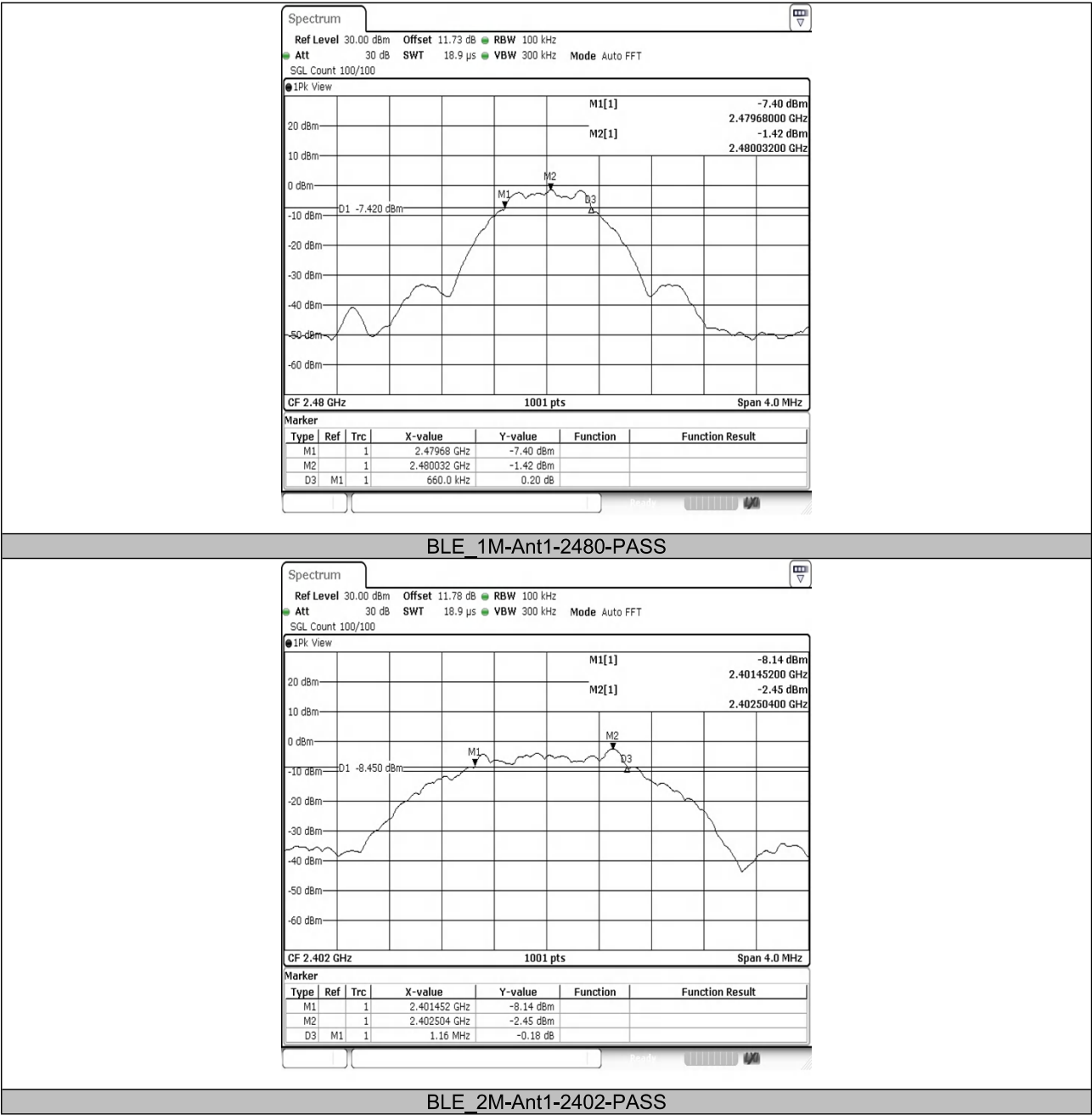
Appendix Test Data

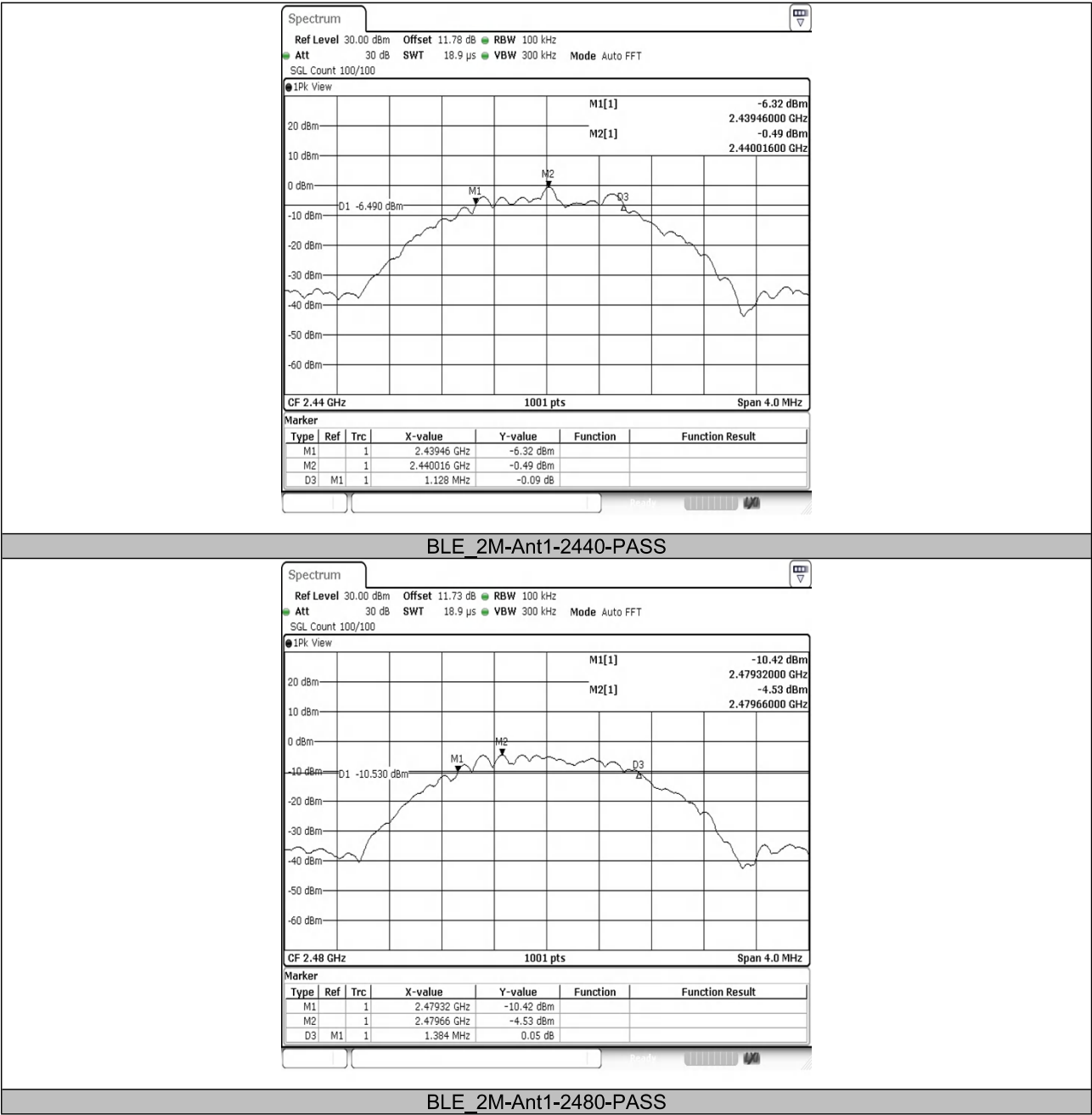
Appendix A: 6dB Bandwidth
Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.71	2401.66	2402.37	0.5	PASS
BLE_1M	Ant1	2440	0.72	2439.64	2440.36	0.5	PASS
BLE_1M	Ant1	2480	0.66	2479.68	2480.34	0.5	PASS
BLE_2M	Ant1	2402	1.16	2401.45	2402.61	0.5	PASS
BLE_2M	Ant1	2440	1.13	2439.46	2440.59	0.5	PASS
BLE_2M	Ant1	2480	1.38	2479.32	2480.70	0.5	PASS

Test Graphs







Appendix B: 99% Occupied Bandwidth

Test Result

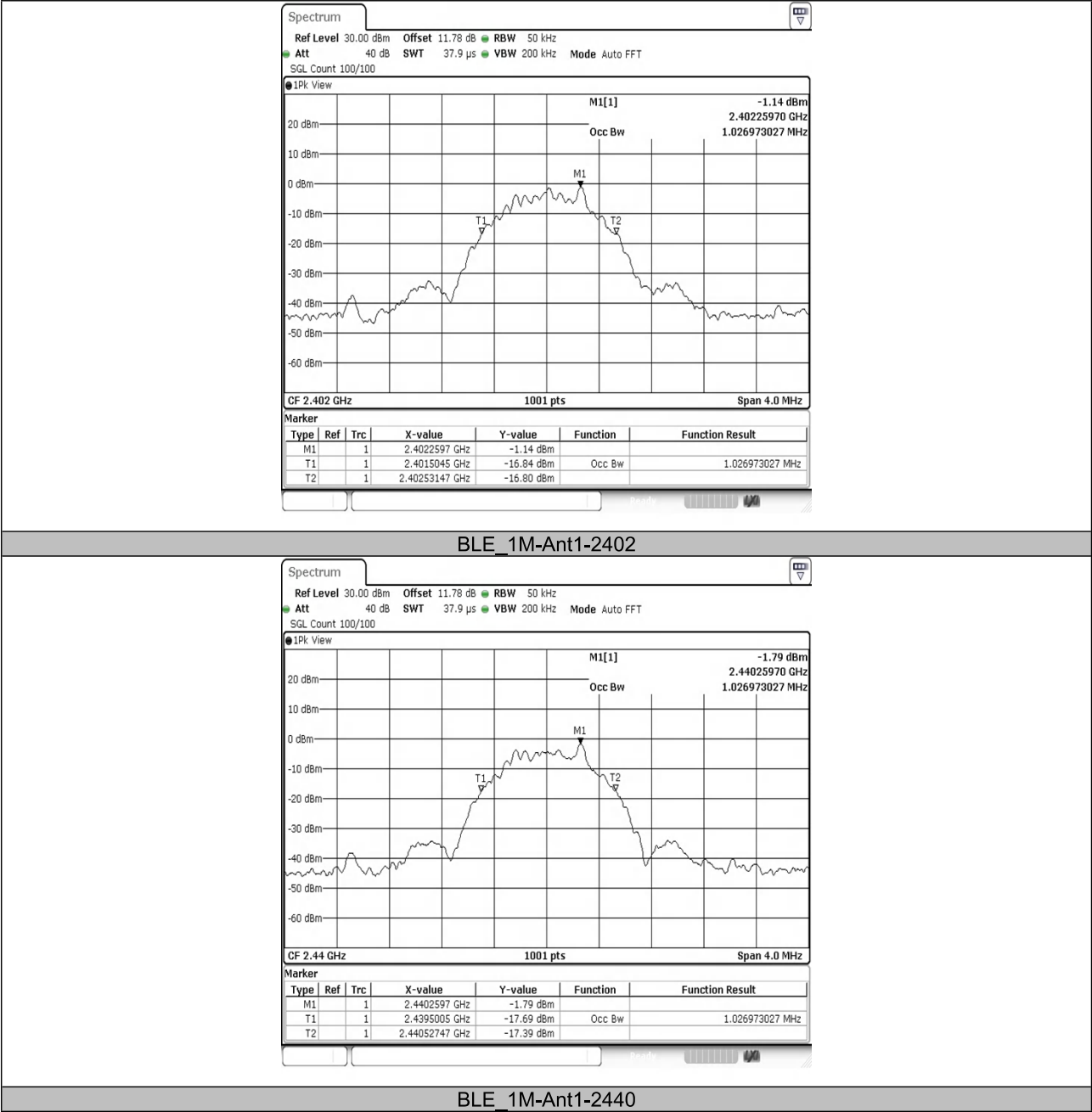
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.027	2401.5045	2402.5315	---	---
BLE_1M	Ant1	2440	1.027	2439.5005	2440.5275	---	---
BLE_1M	Ant1	2480	1.039	2479.5005	2480.5395	---	---
BLE_2M	Ant1	2402	2.05	2400.9970	2403.0470	---	---
BLE_2M	Ant1	2440	2.042	2439.0050	2441.0470	---	---
BLE_2M	Ant1	2480	2.05	2479.0010	2481.0509	---	---

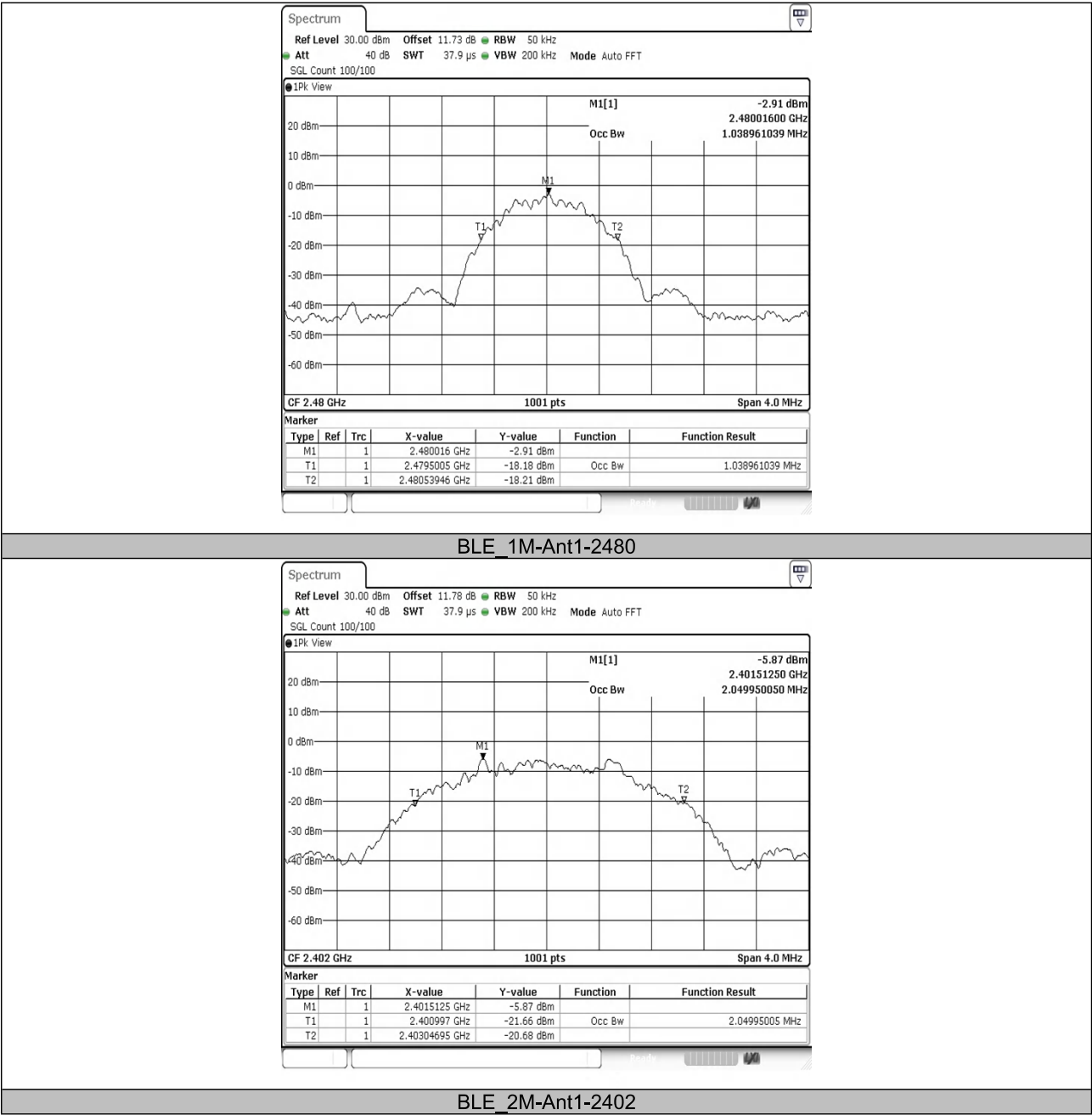
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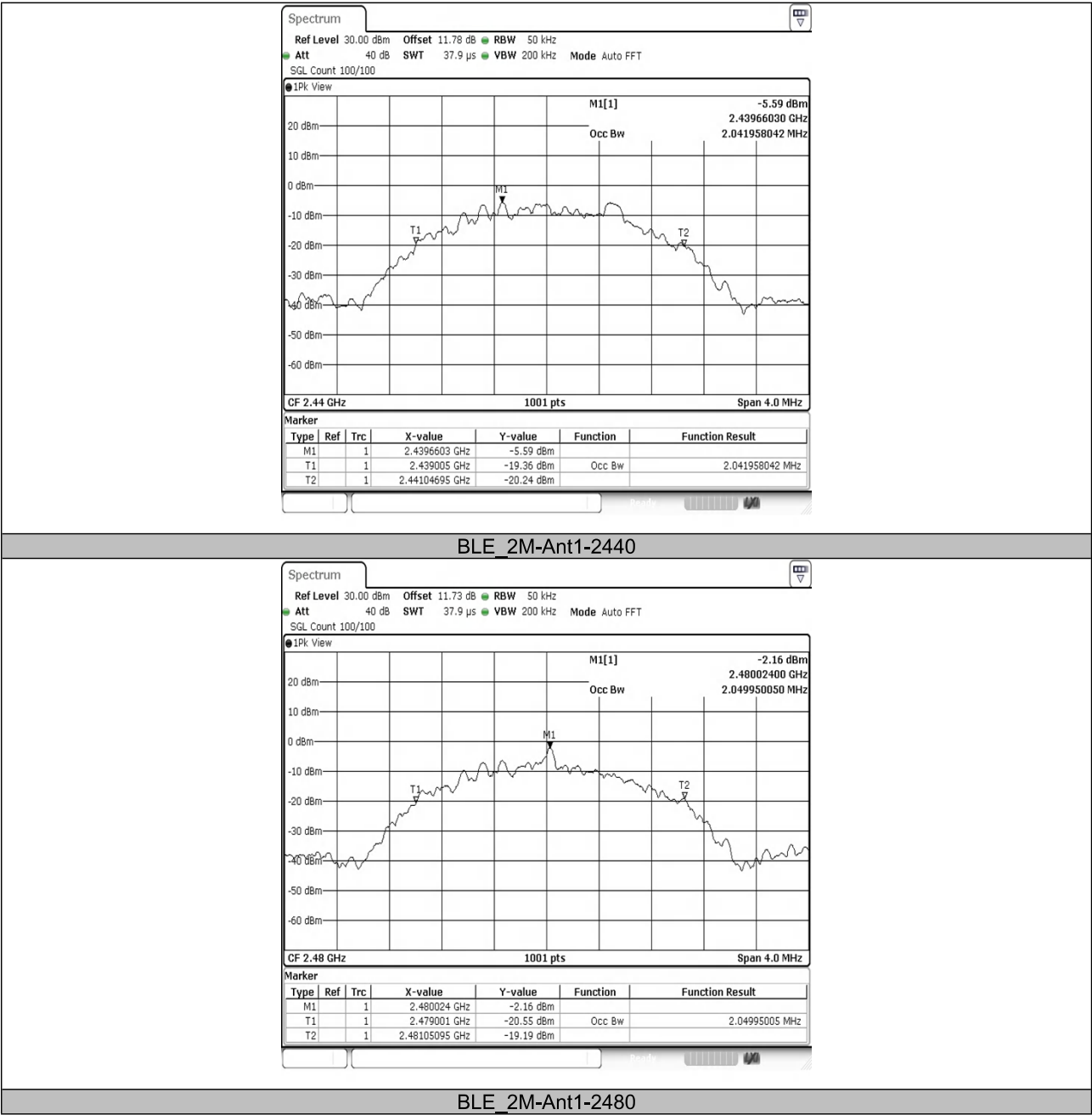
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Test Graphs





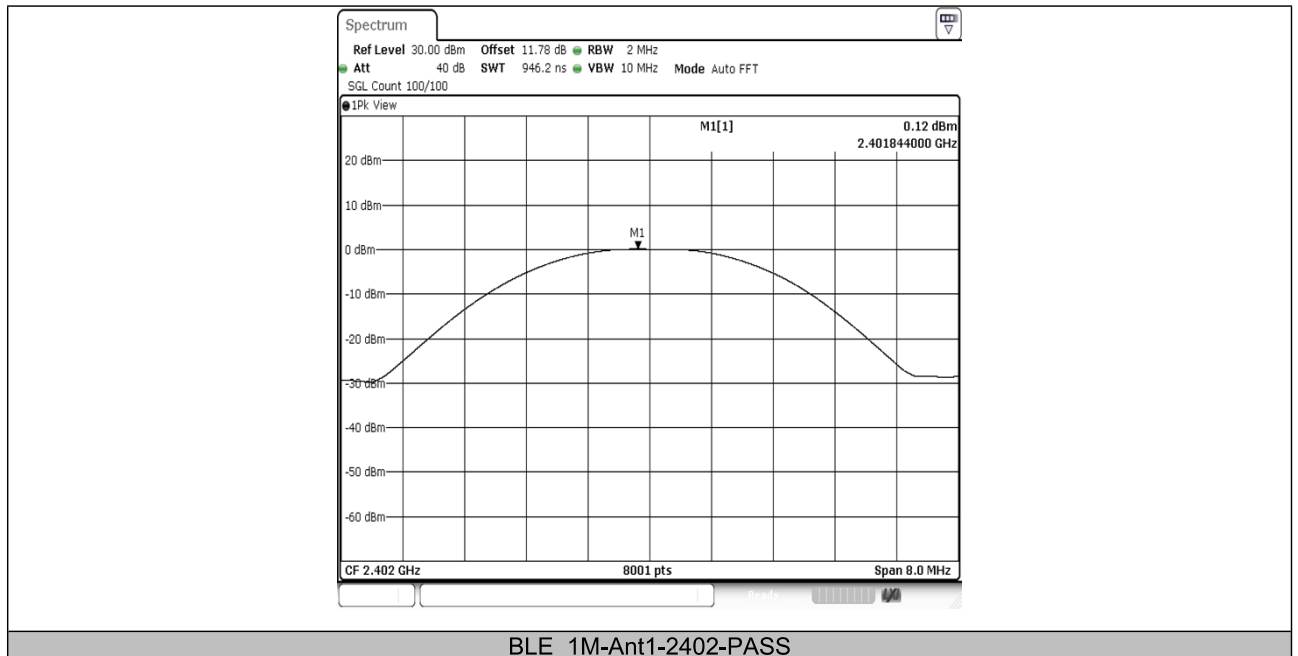


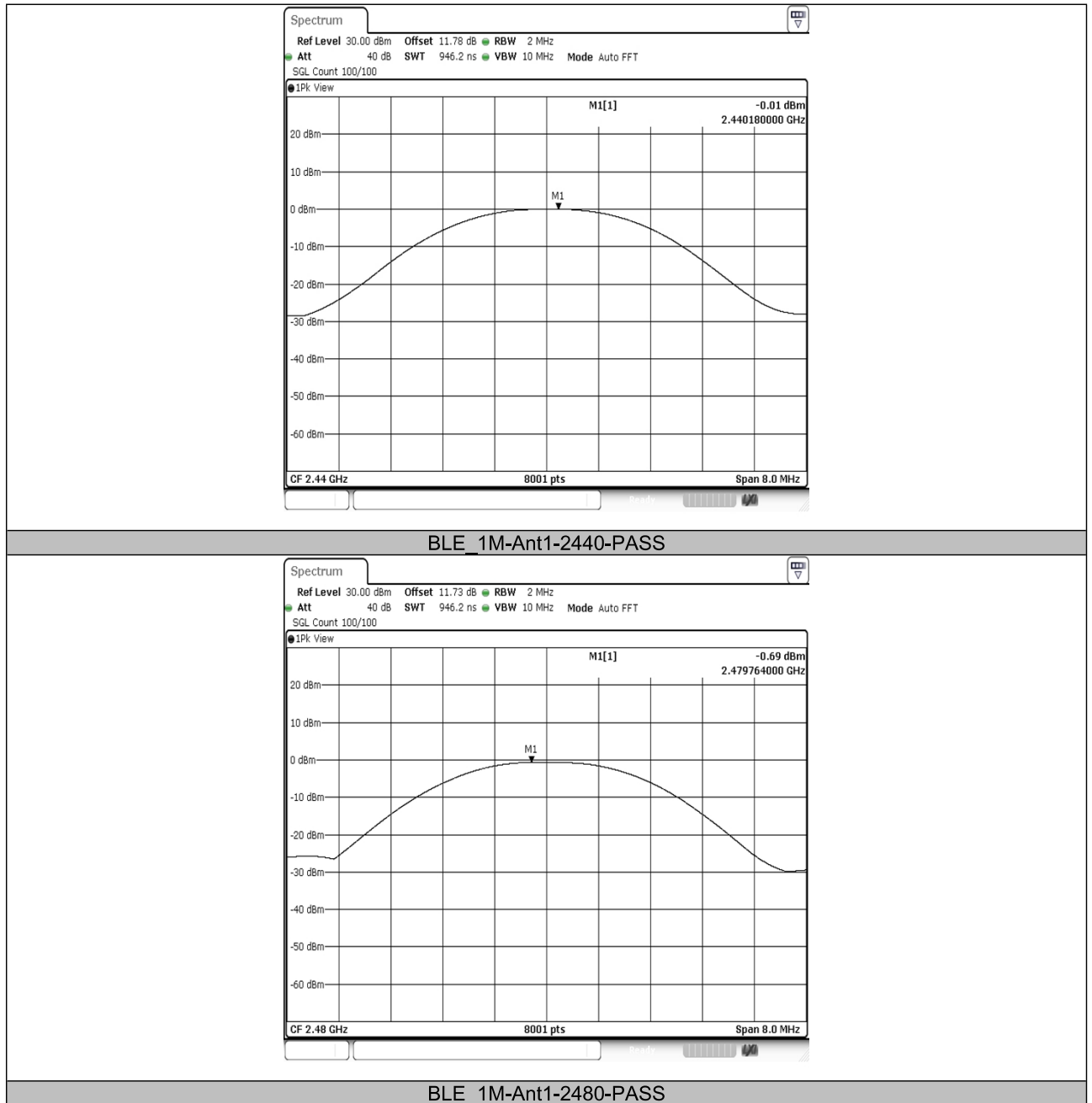
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.12	≤30	PASS
BLE_1M	Ant1	2440	-0.01	≤30	PASS
BLE_1M	Ant1	2480	-0.69	≤30	PASS
BLE_2M	Ant1	2402	0.23	≤30	PASS
BLE_2M	Ant1	2440	0.02	≤30	PASS
BLE_2M	Ant1	2480	-0.51	≤30	PASS

Test Graphs Peak

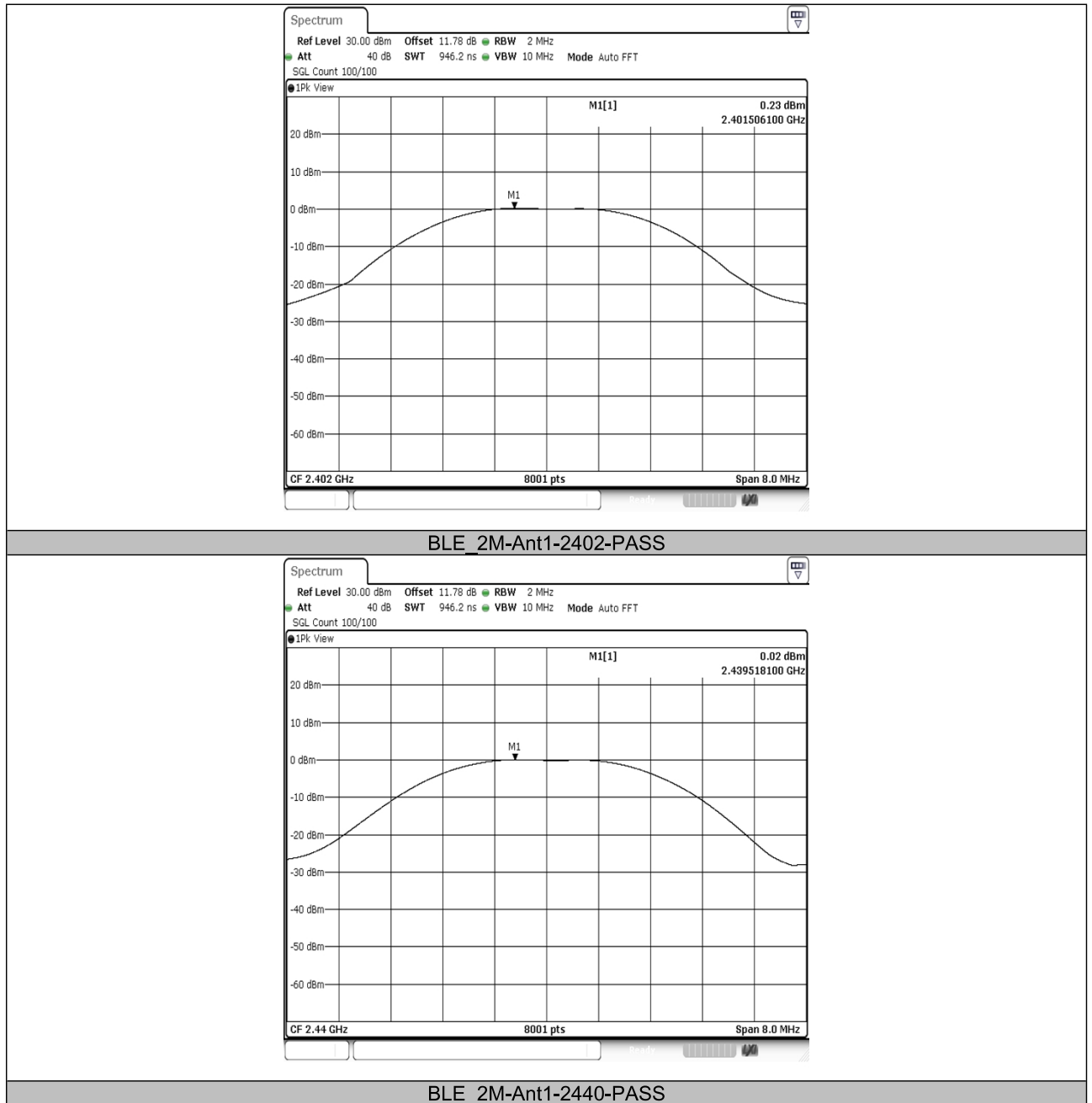




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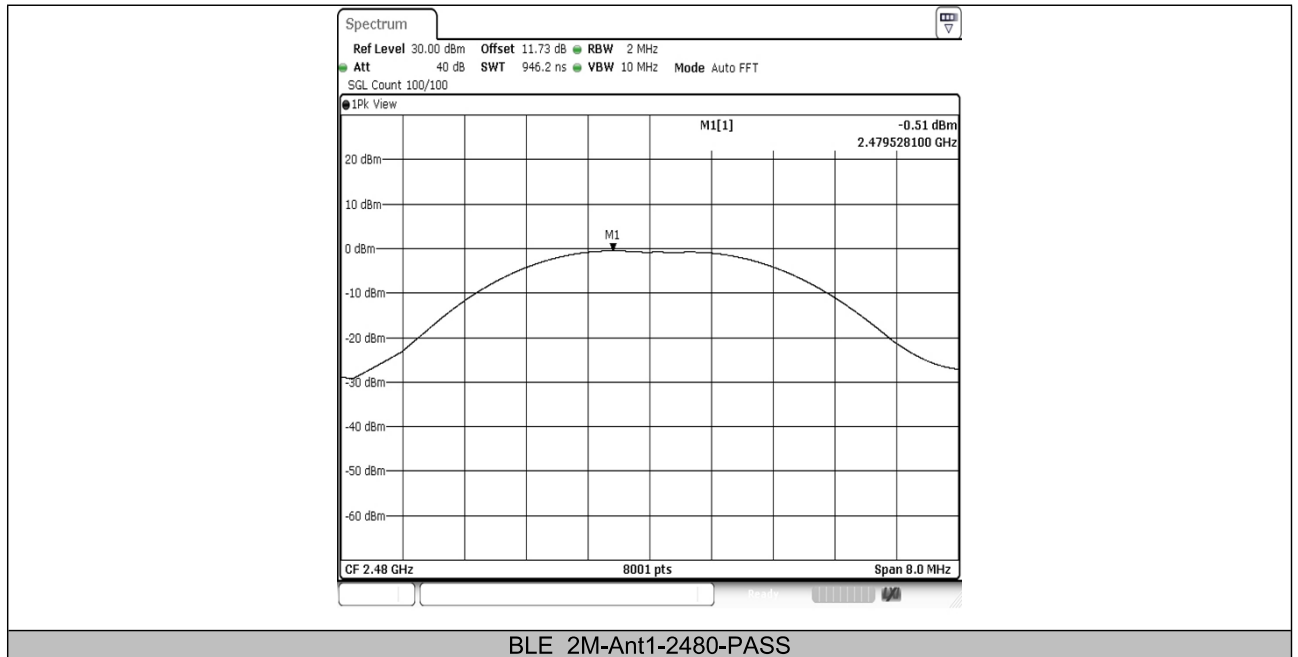
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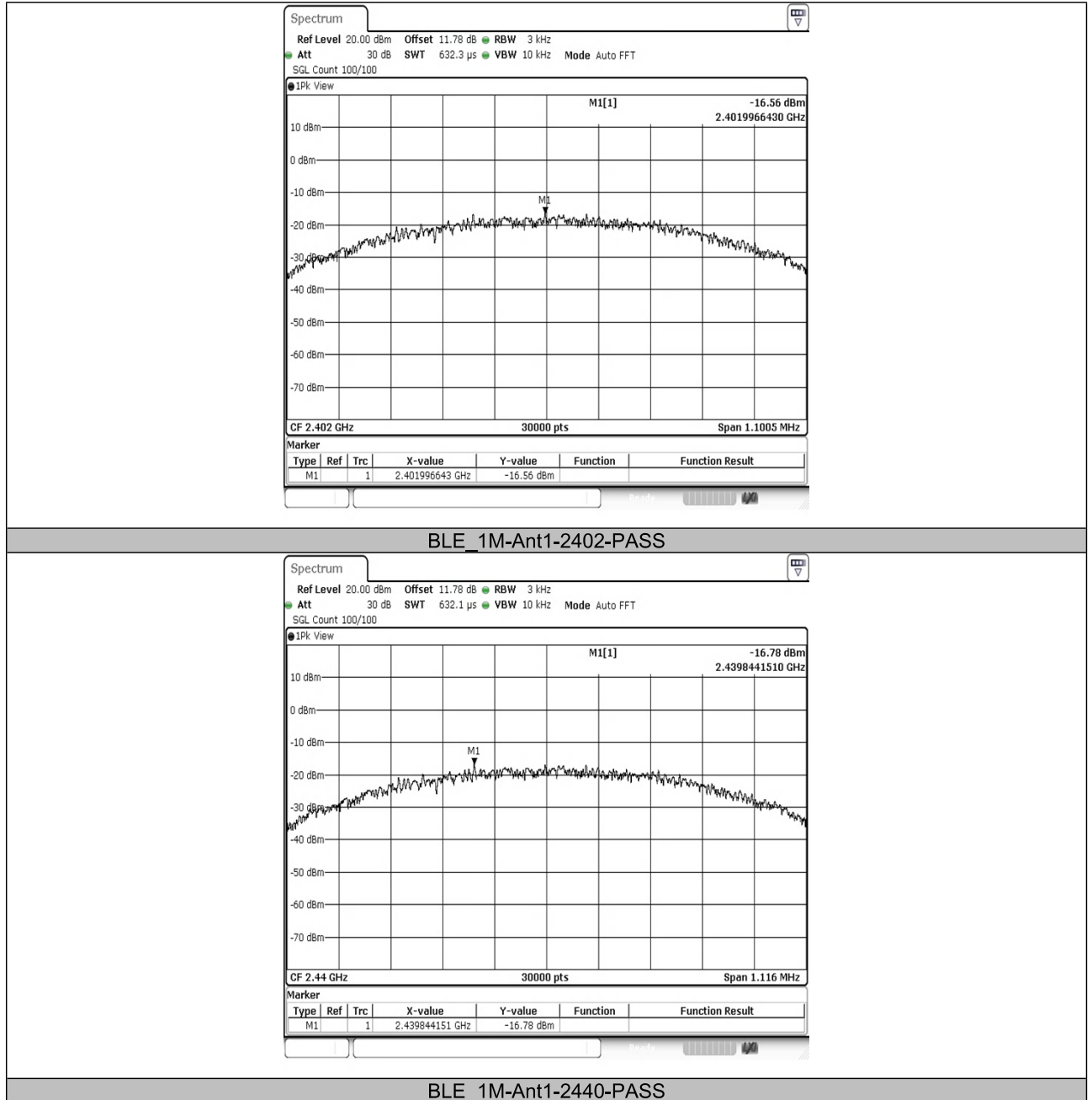
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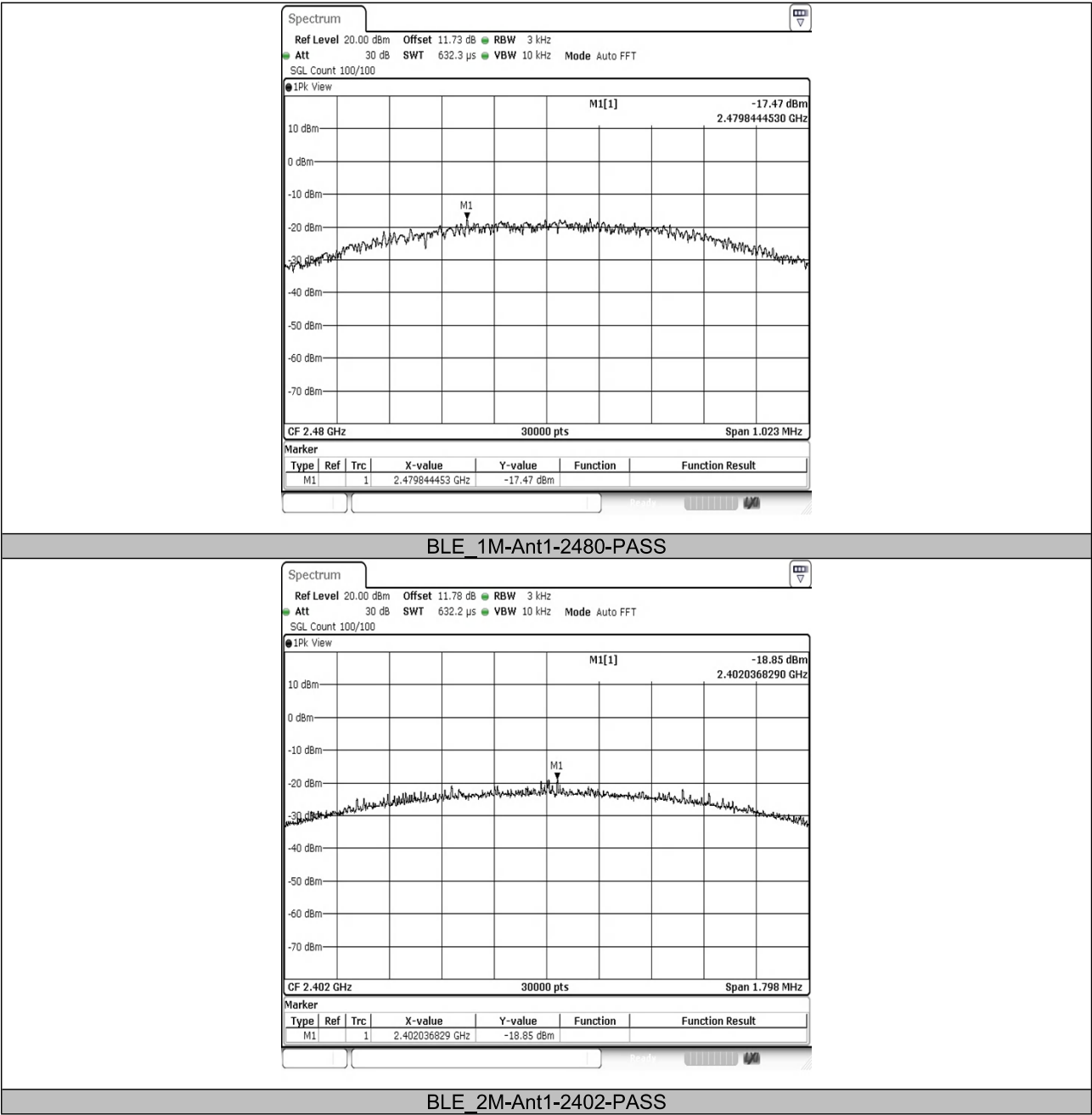
Appendix D: Maximum power spectral density

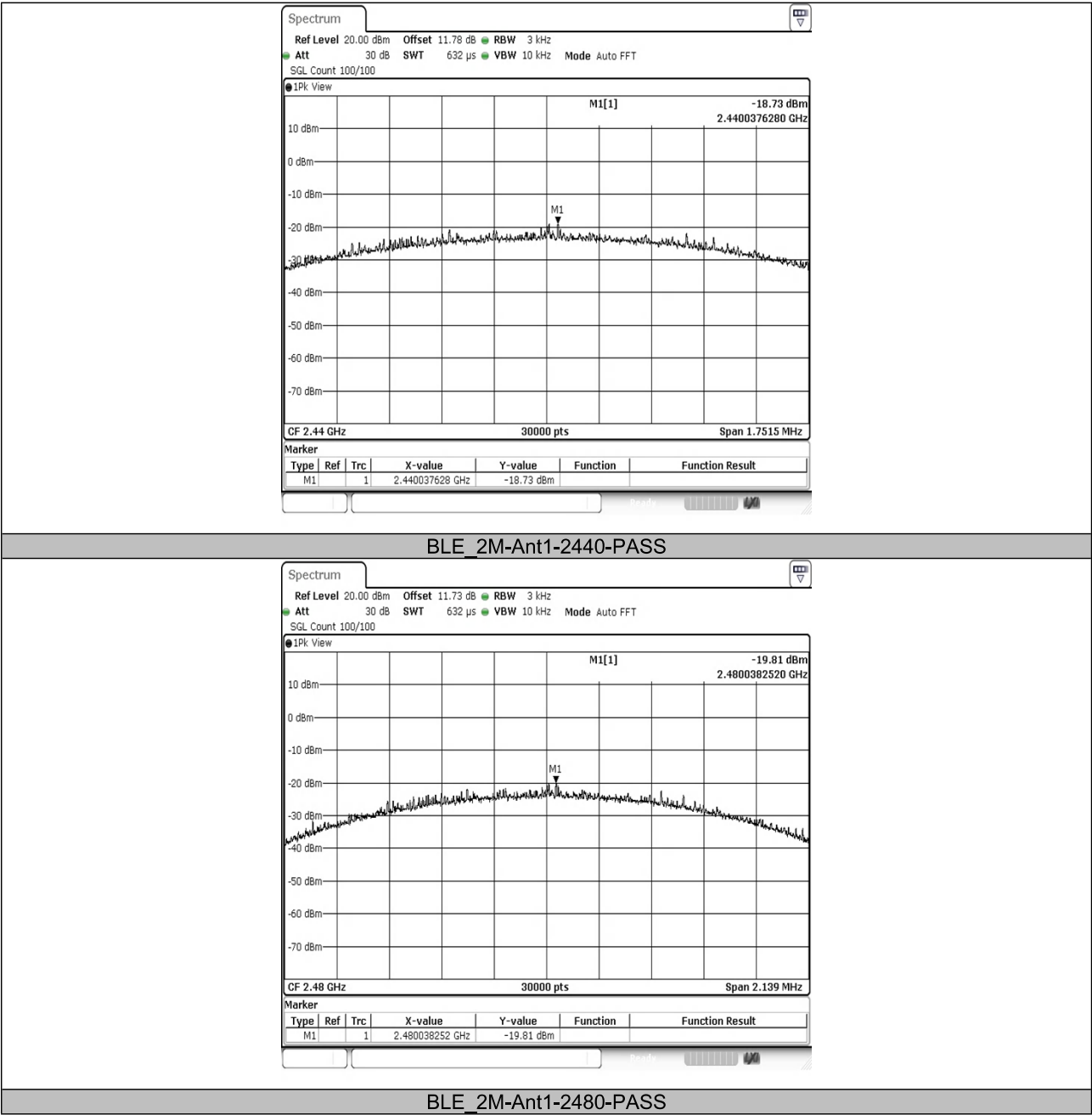
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.56	≤8.00	PASS
BLE_1M	Ant1	2440	-16.78	≤8.00	PASS
BLE_1M	Ant1	2480	-17.47	≤8.00	PASS
BLE_2M	Ant1	2402	-18.85	≤8.00	PASS
BLE_2M	Ant1	2440	-18.73	≤8.00	PASS
BLE_2M	Ant1	2480	-19.81	≤8.00	PASS

Test Graphs







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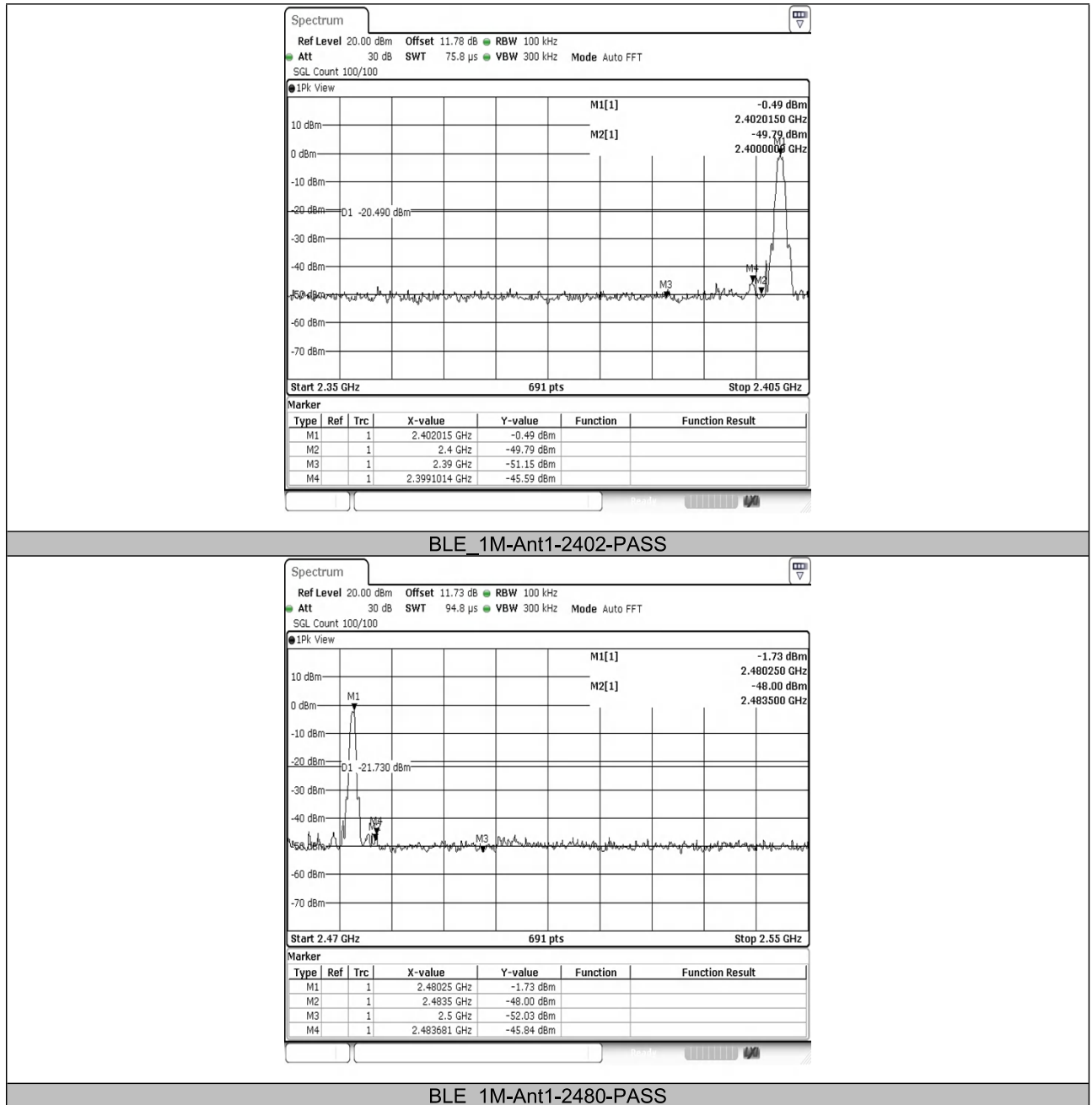
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.49	-45.59	≤-20.49	PASS
BLE_1M	Ant1	High	2480	-1.73	-45.84	≤-21.73	PASS
BLE_2M	Ant1	Low	2402	-0.36	-35.93	≤-20.36	PASS
BLE_2M	Ant1	High	2480	-1.66	-45.21	≤-21.66	PASS

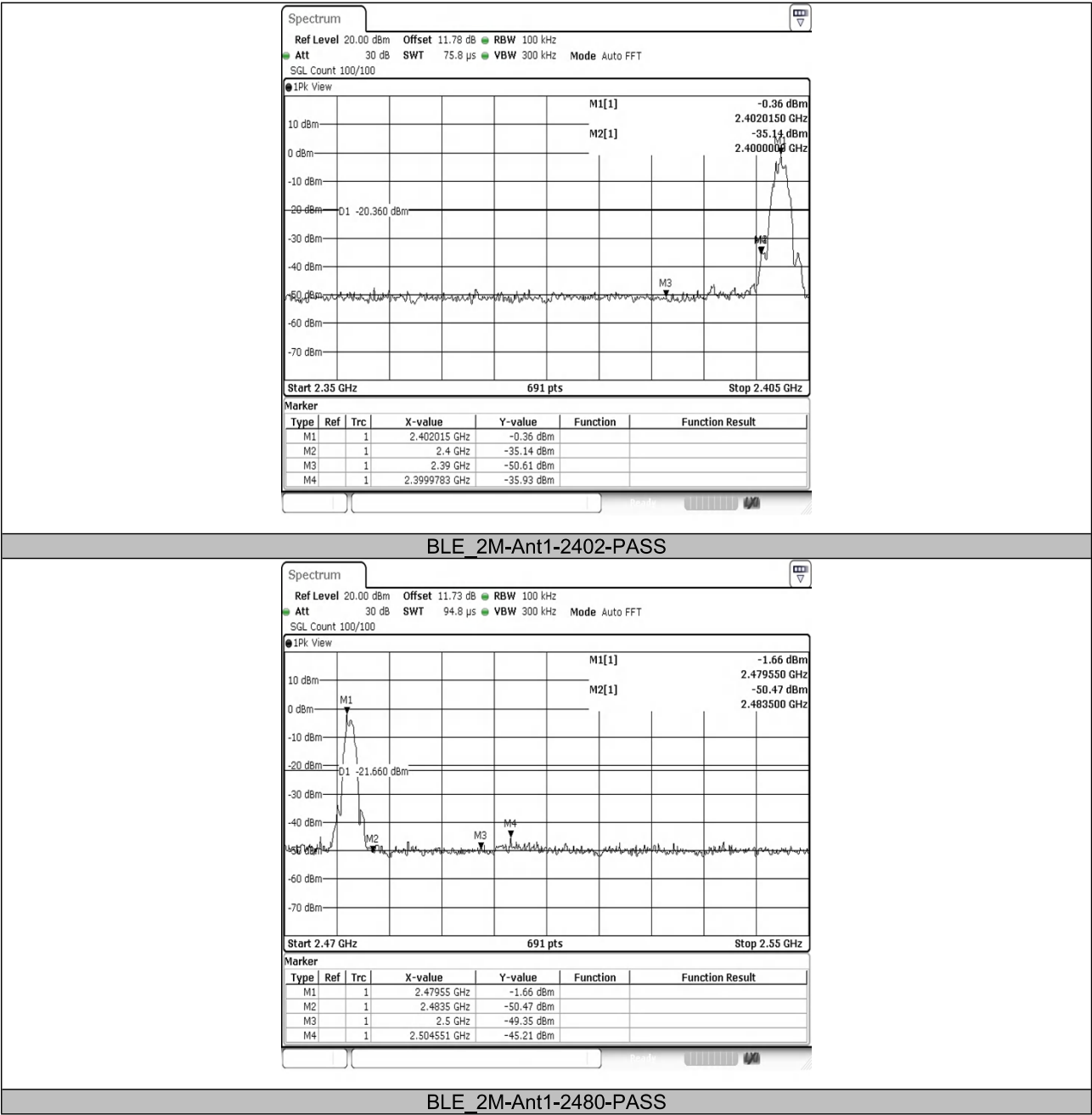
Test Graphs



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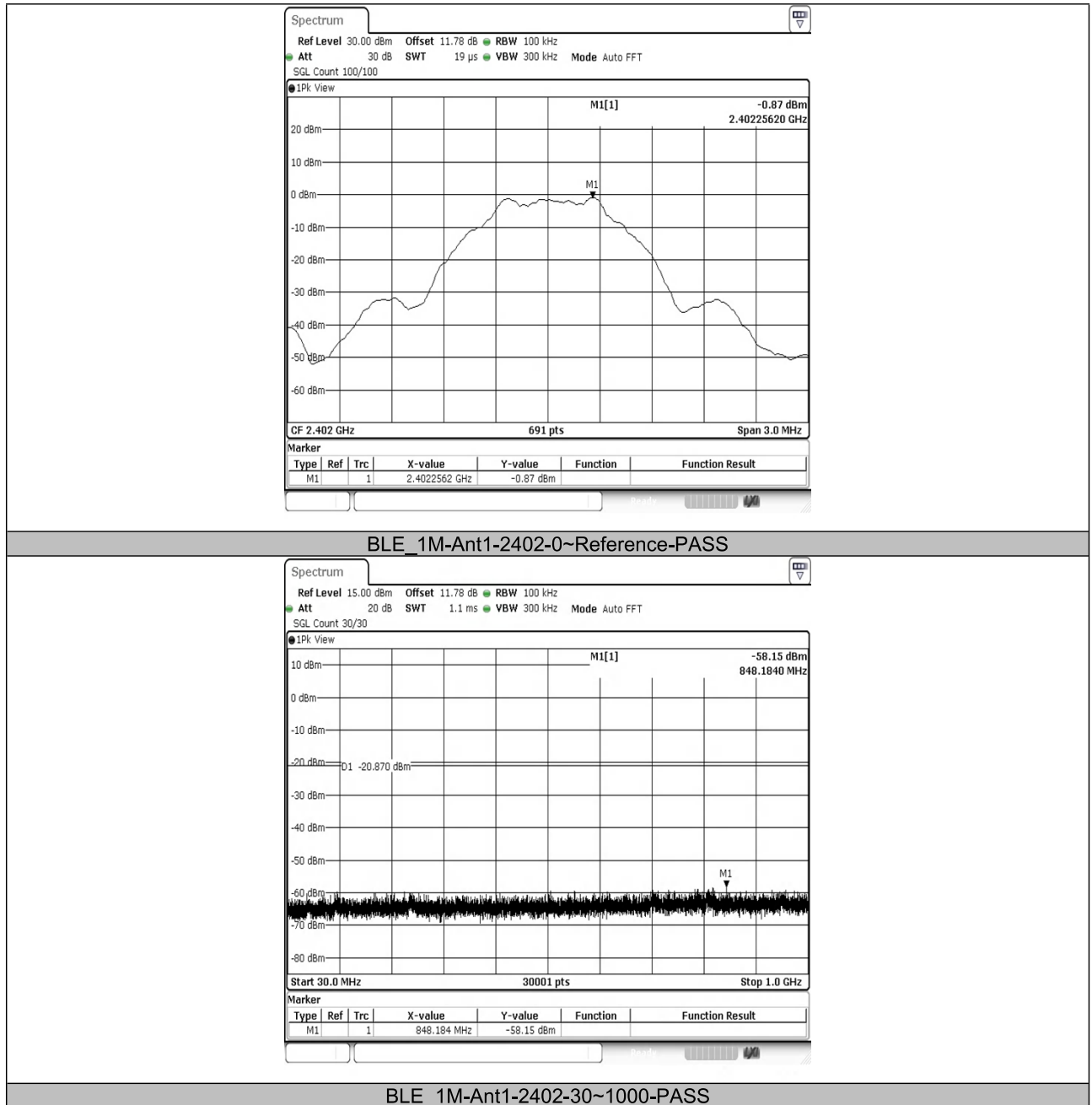


Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.87	-0.87	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.87	-58.15	≤-20.87	PASS
BLE_1M	Ant1	2402	1000~26500	-0.87	-44.34	≤-20.87	PASS
BLE_1M	Ant1	2440	0~Reference	-0.37	-0.37	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.37	-57.86	≤-20.37	PASS
BLE_1M	Ant1	2440	1000~26500	-0.37	-44.18	≤-20.37	PASS
BLE_1M	Ant1	2480	0~Reference	-1.74	-1.74	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.74	-58.19	≤-21.74	PASS
BLE_1M	Ant1	2480	1000~26500	-1.74	-44.21	≤-21.74	PASS
BLE_2M	Ant1	2402	0~Reference	-1.38	-1.38	---	PASS
BLE_2M	Ant1	2402	30~1000	-1.38	-57.86	≤-21.38	PASS
BLE_2M	Ant1	2402	1000~26500	-1.38	-43.8	≤-21.38	PASS
BLE_2M	Ant1	2440	0~Reference	-2.28	-2.28	---	PASS
BLE_2M	Ant1	2440	30~1000	-2.28	-57.77	≤-22.28	PASS
BLE_2M	Ant1	2440	1000~26500	-2.28	-43.19	≤-22.28	PASS
BLE_2M	Ant1	2480	0~Reference	-4.27	-4.27	---	PASS
BLE_2M	Ant1	2480	30~1000	-4.27	-57.31	≤-24.27	PASS
BLE_2M	Ant1	2480	1000~26500	-4.27	-42.65	≤-24.27	PASS

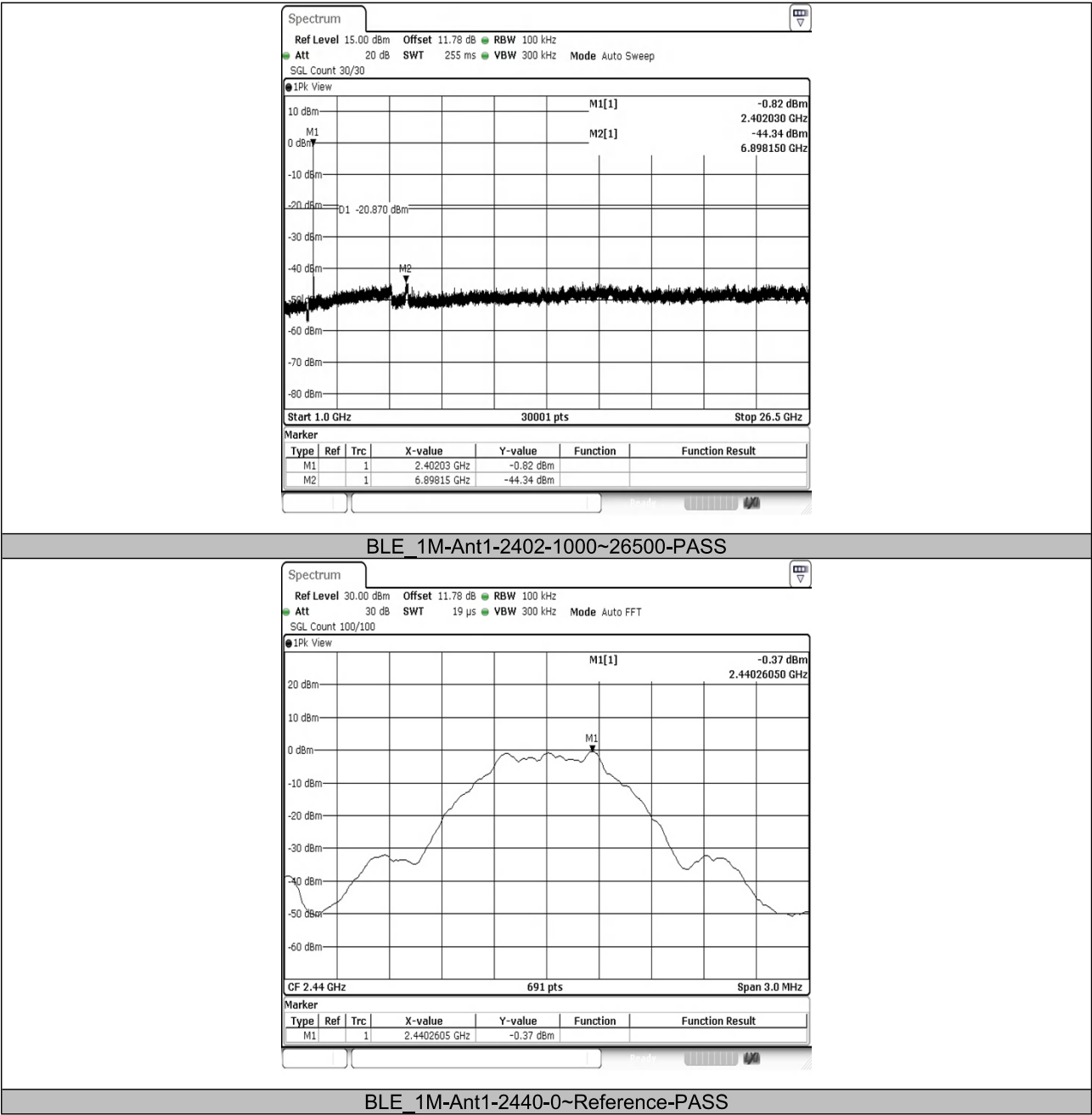
Test Graphs



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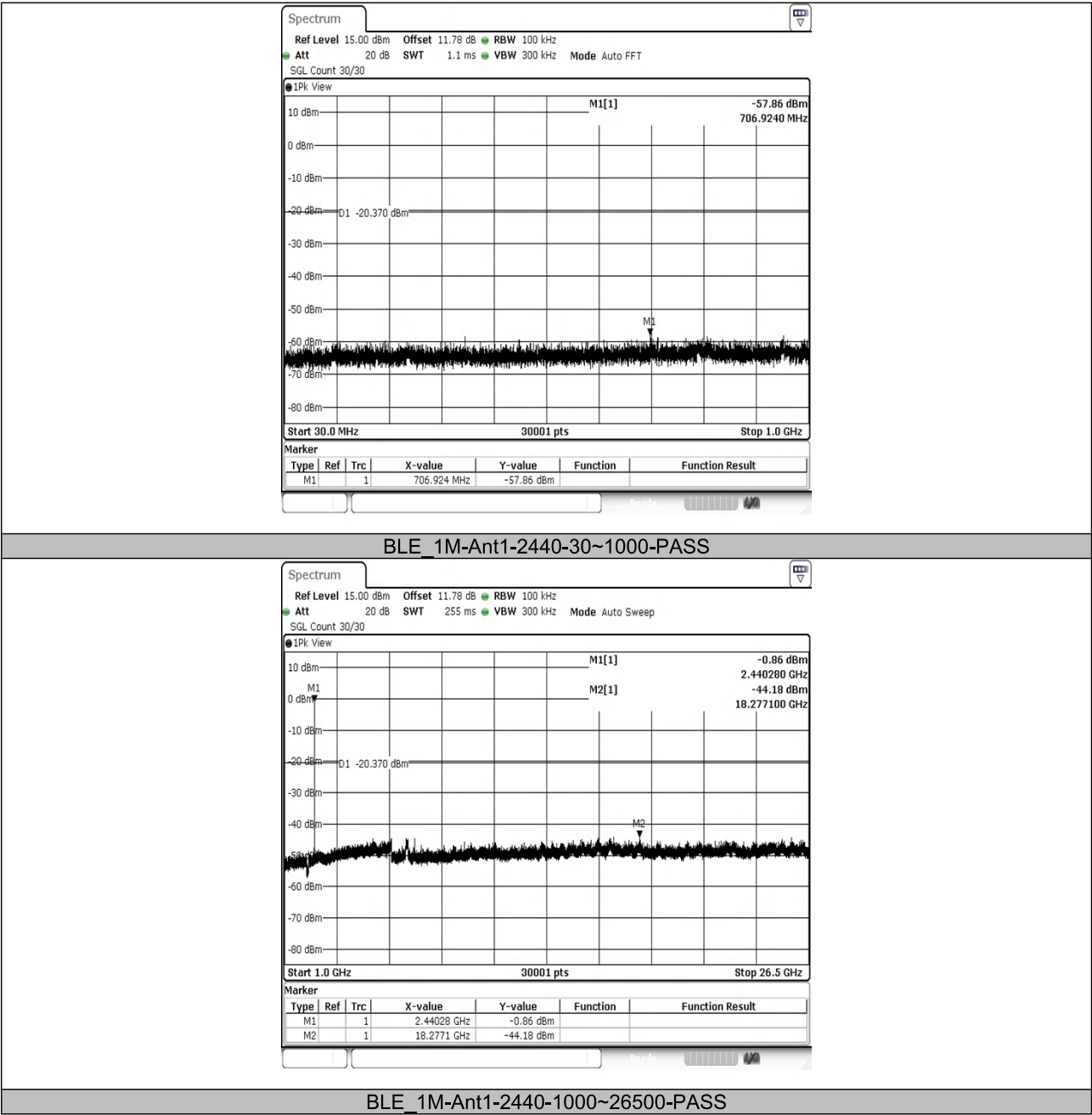
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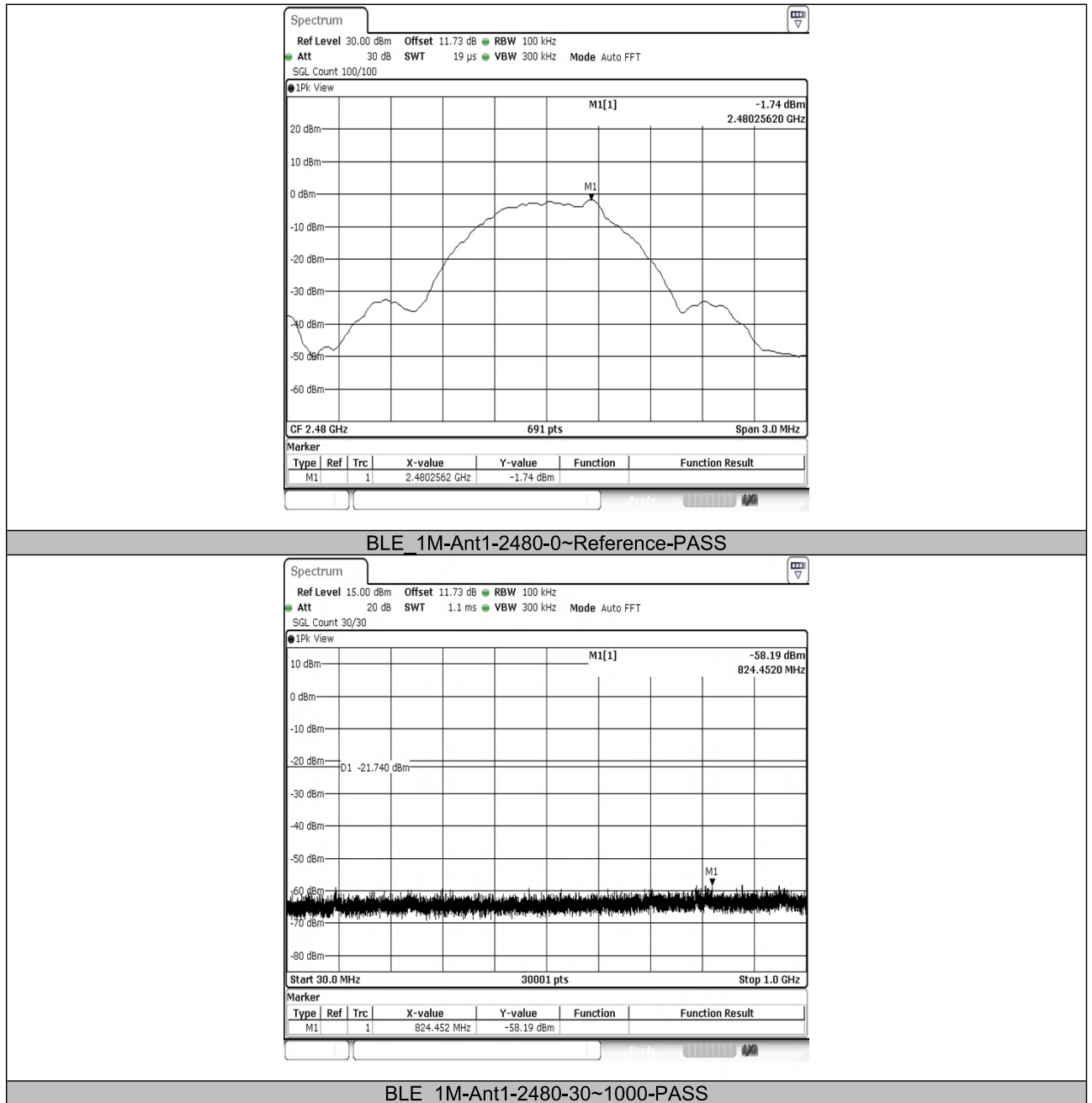
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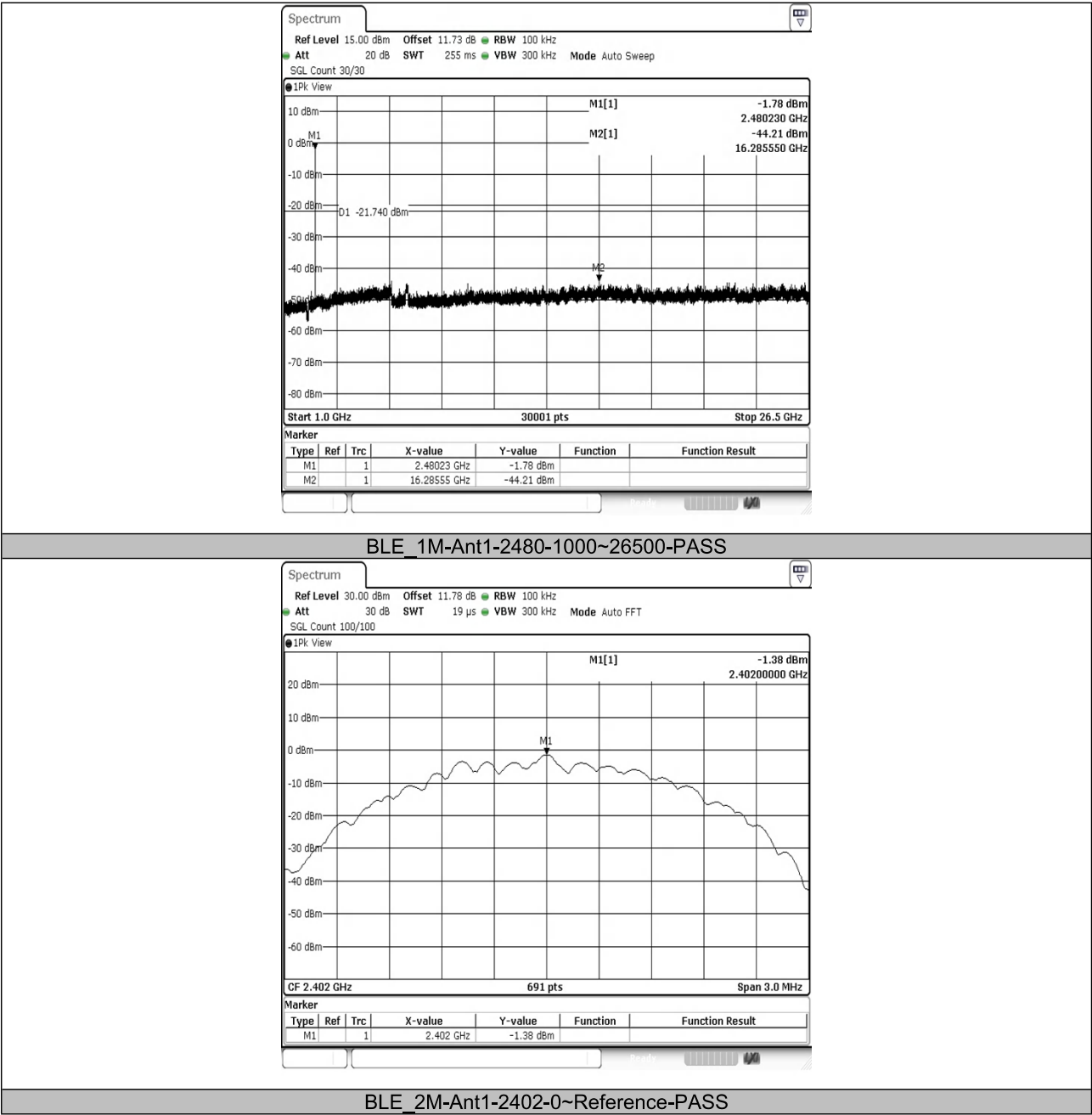
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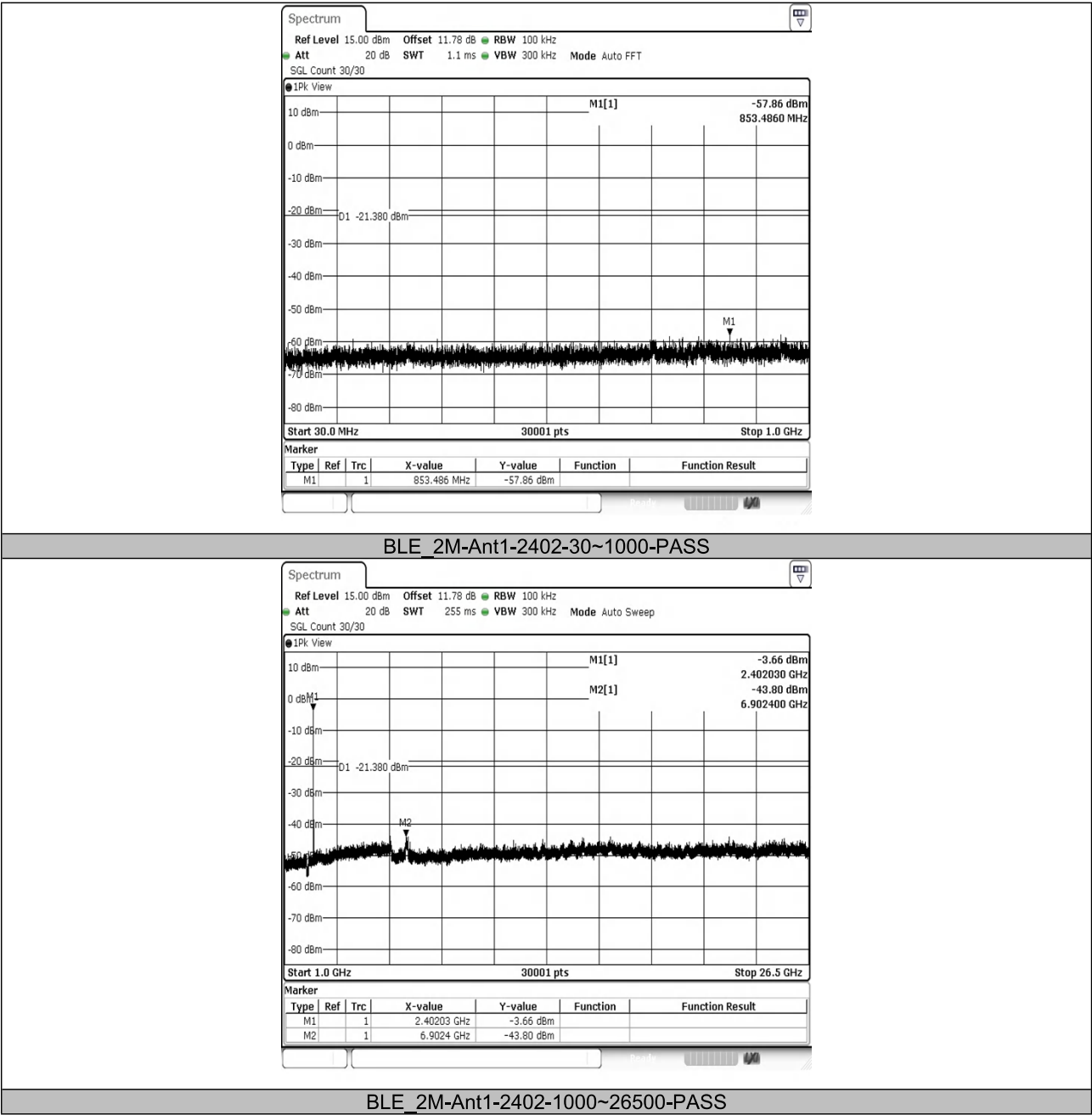


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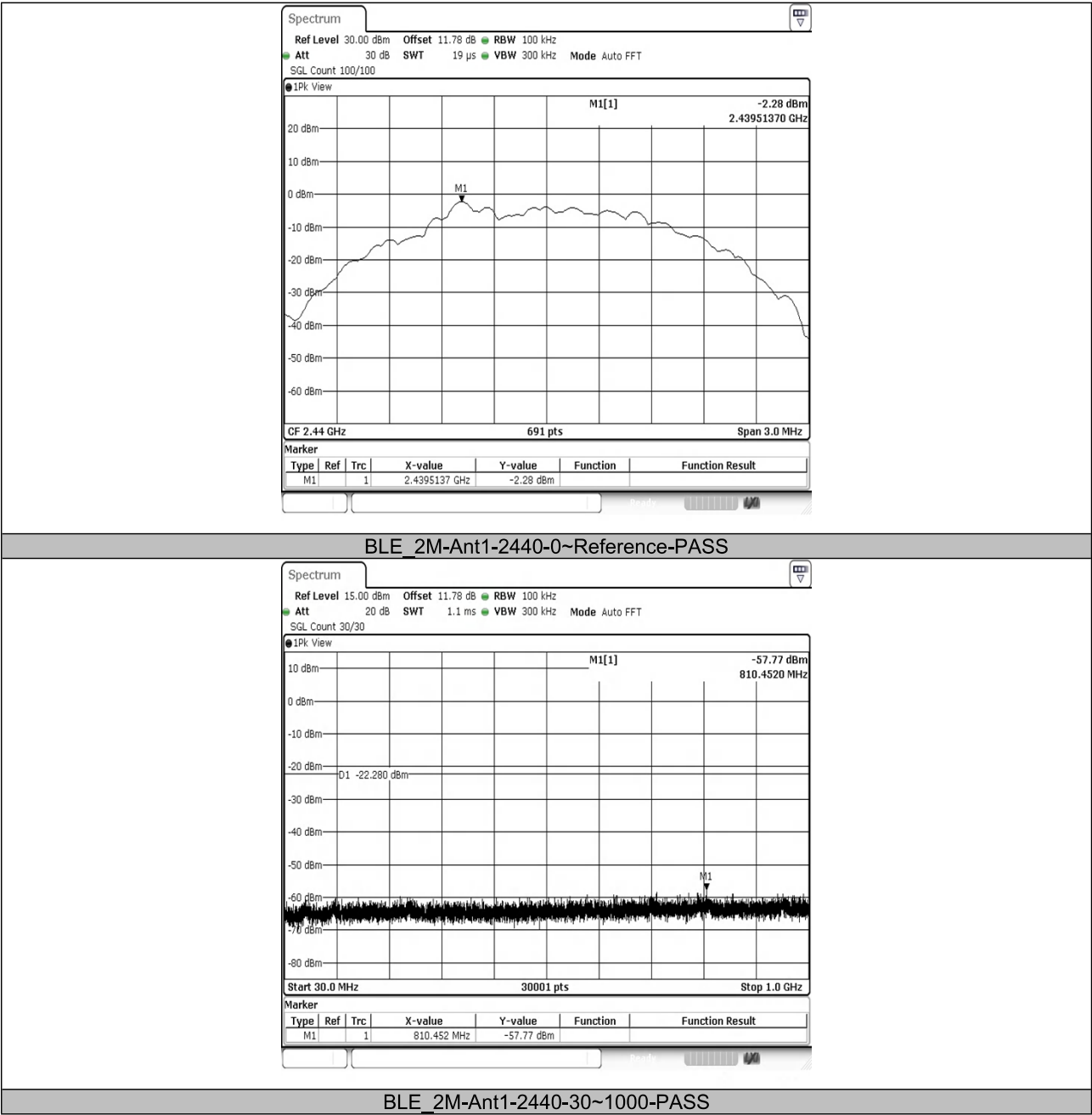


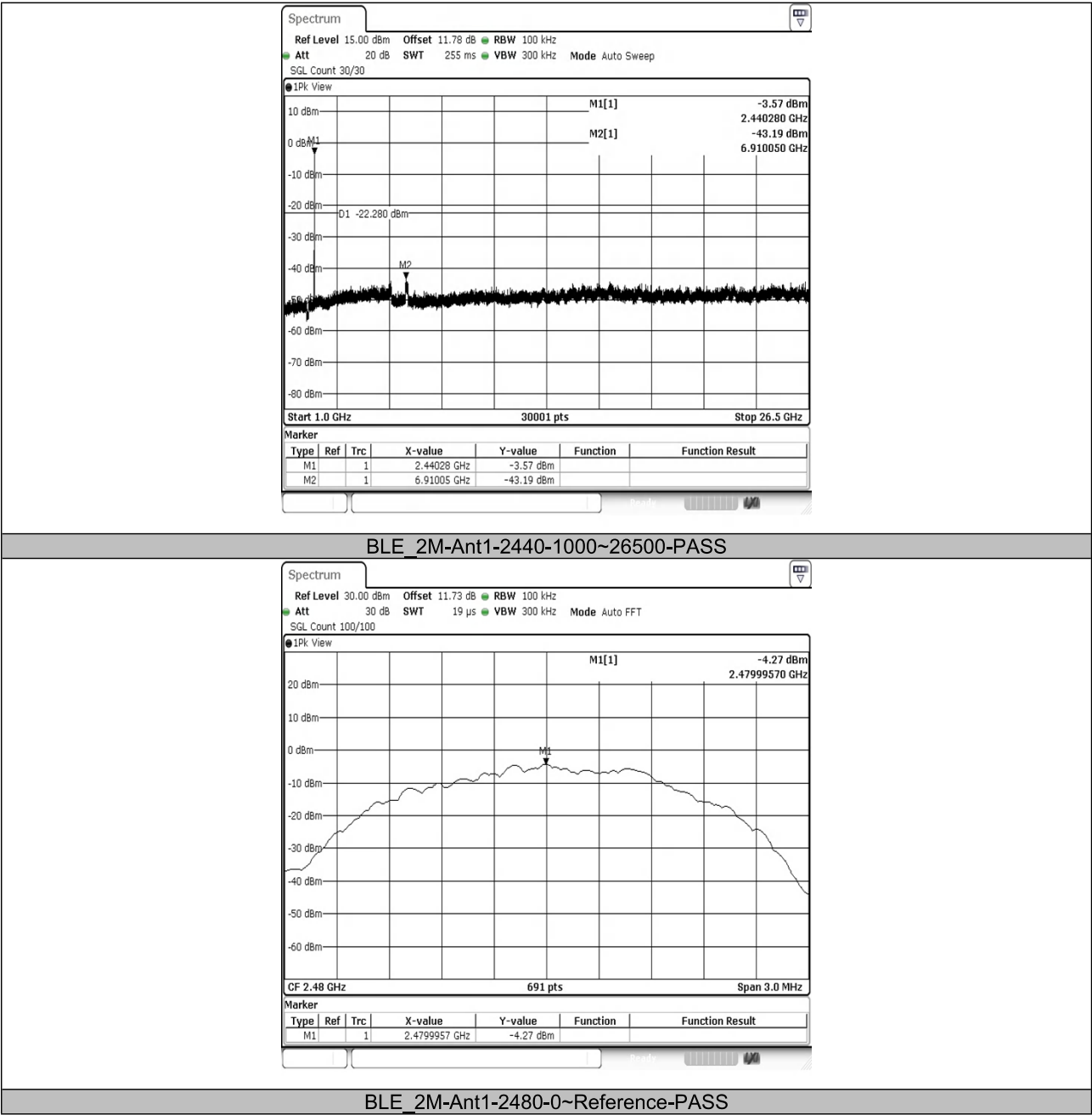


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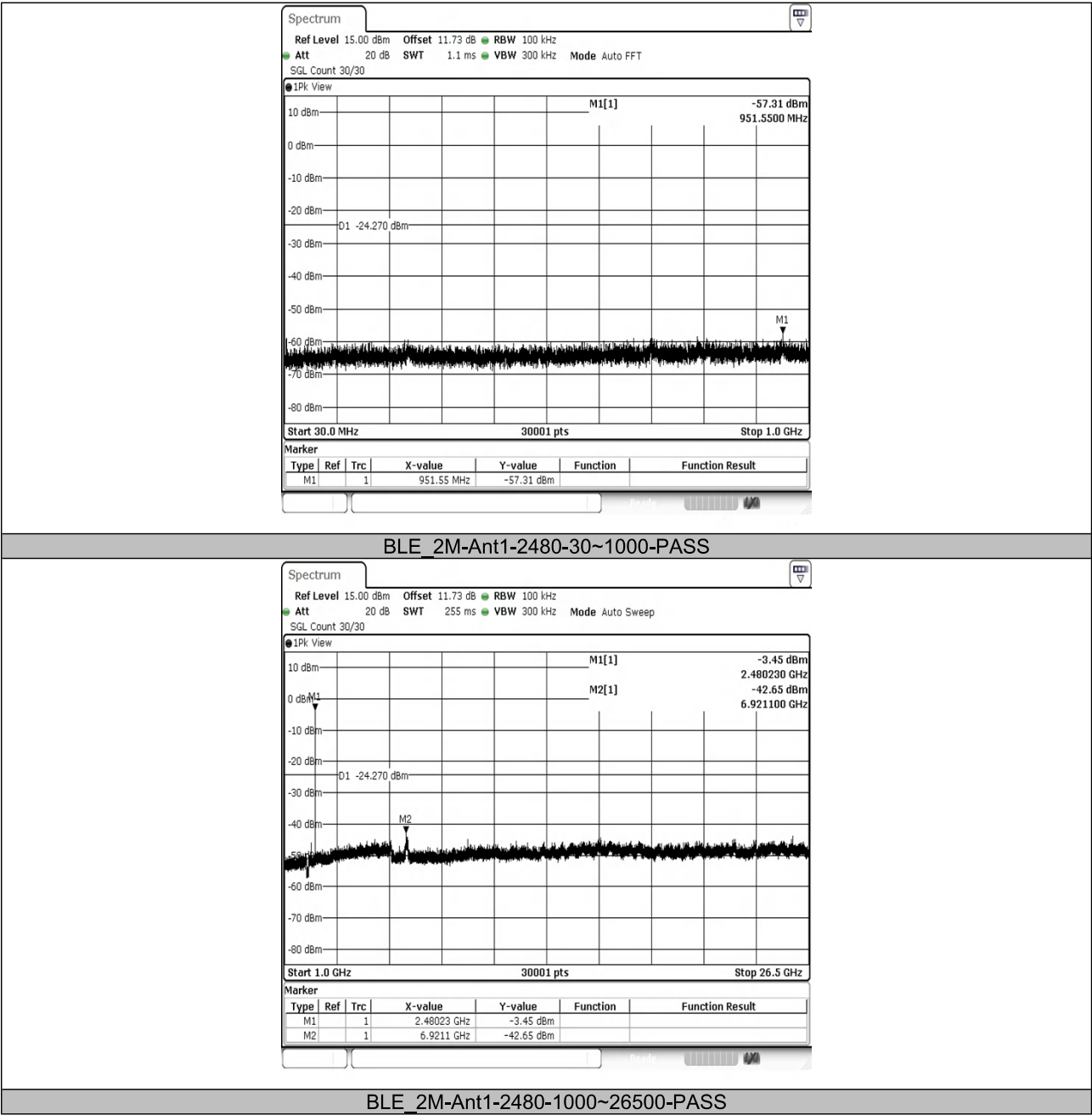




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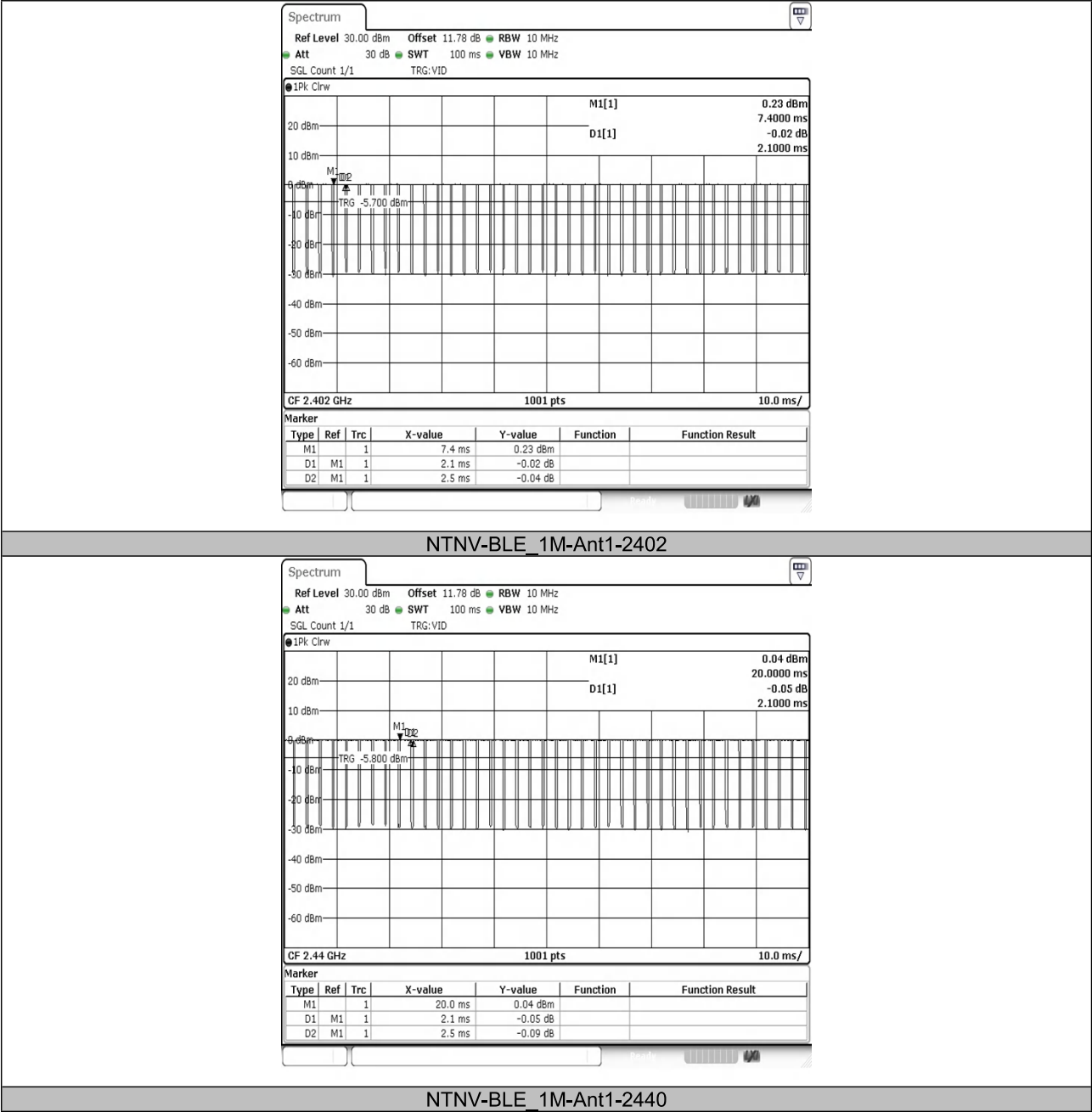
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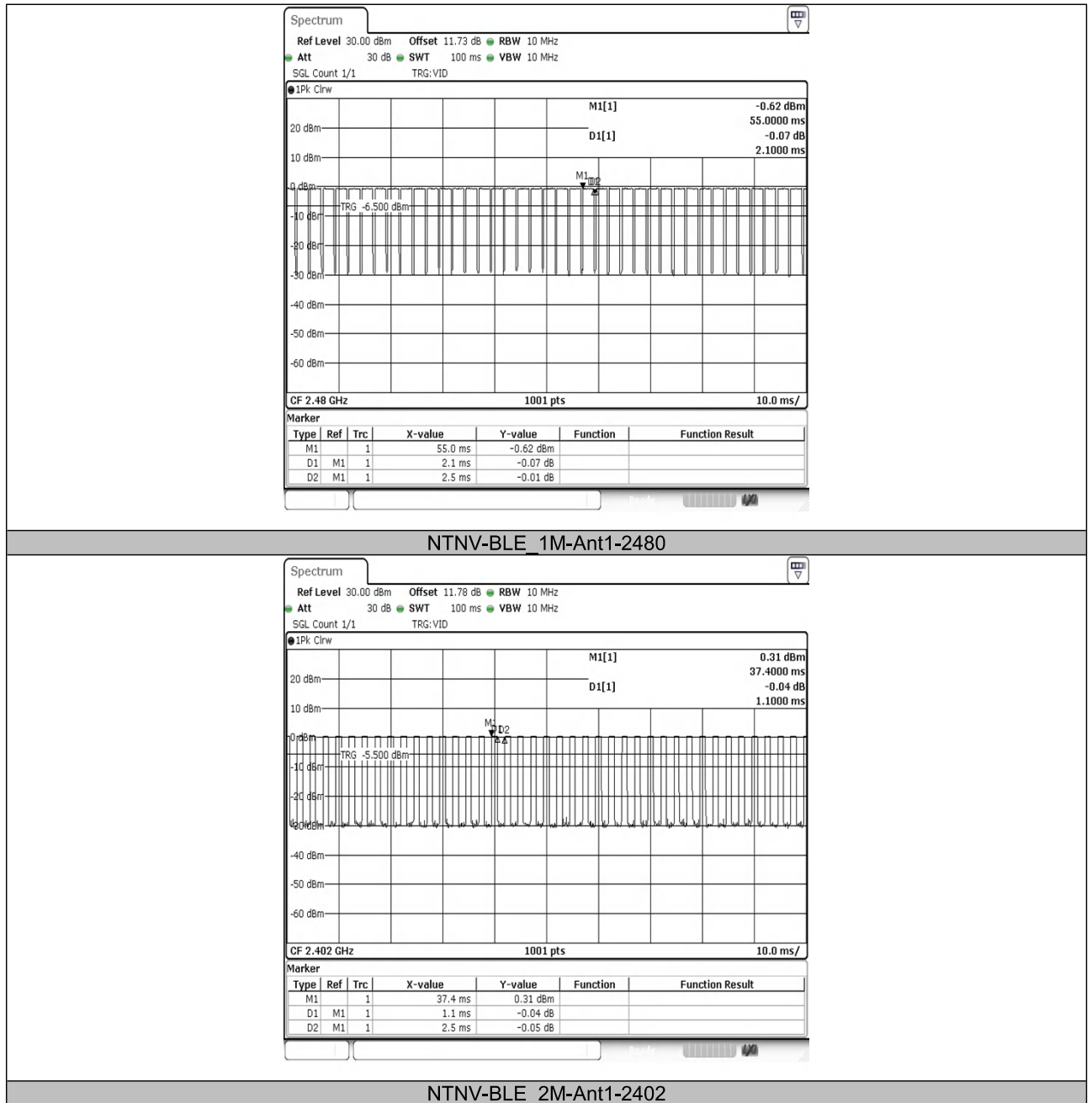
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.10	2.50	84.00	0.76
BLE_1M	Ant1	2440	2.10	2.50	84.00	0.76
BLE_1M	Ant1	2480	2.10	2.50	84.00	0.76
BLE_2M	Ant1	2402	1.10	2.50	44.00	3.57
BLE_2M	Ant1	2440	1.10	2.50	44.00	3.57
BLE_2M	Ant1	2480	1.10	2.50	44.00	3.57

Test Graphs

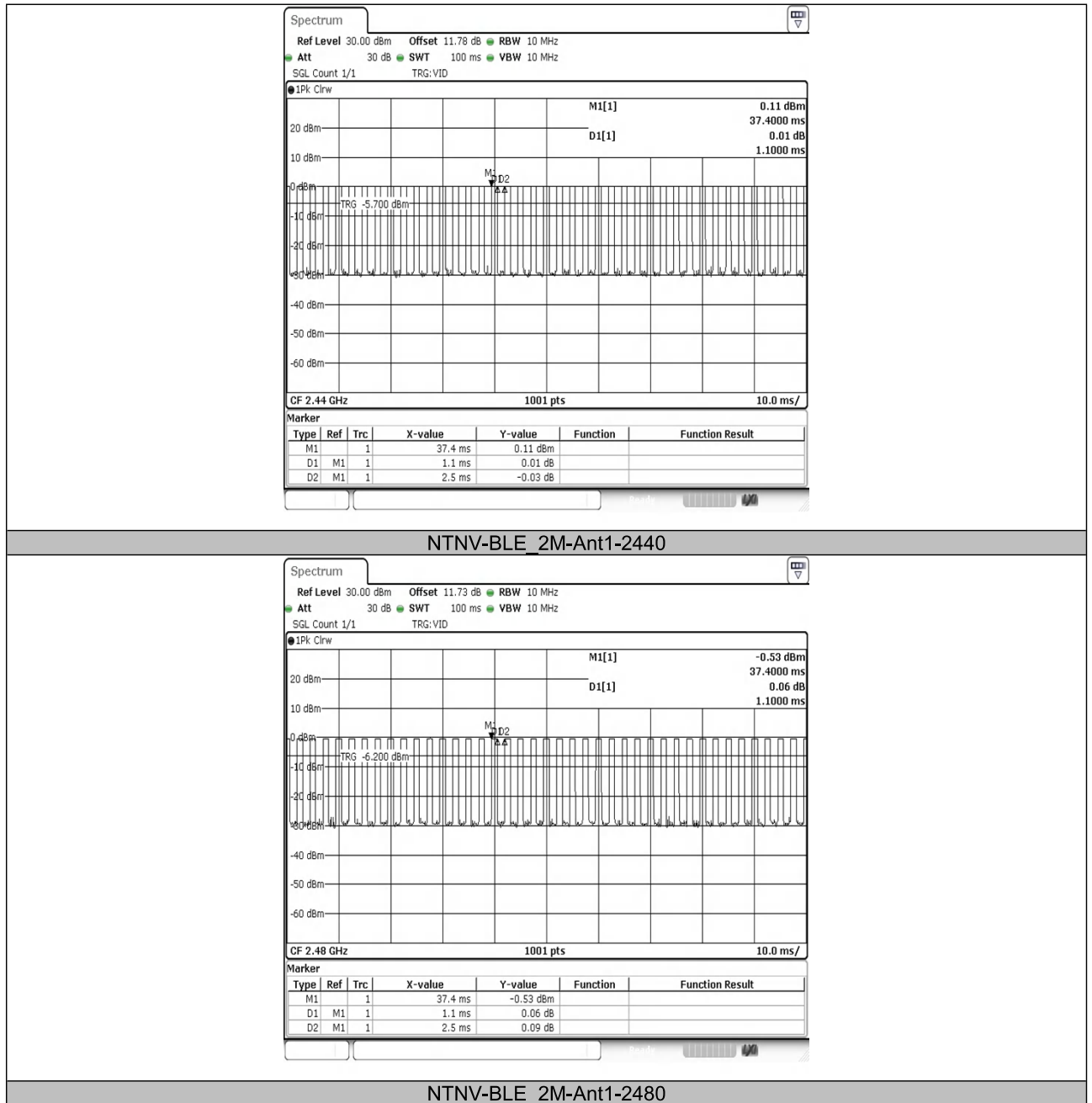




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