

Appendix Test Data

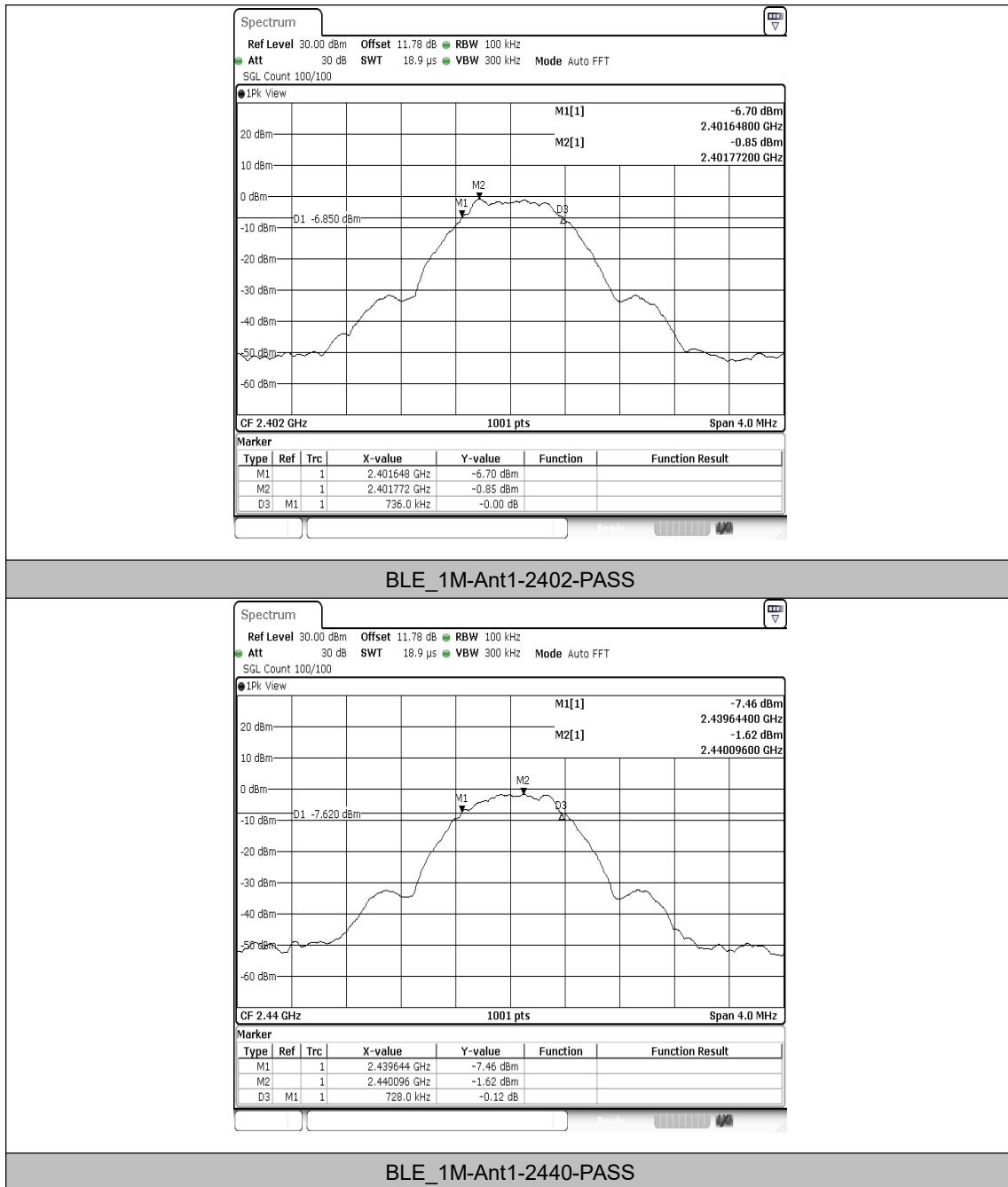
Report No.:	1812C50063412501	Test Sample No.:	1-2-2
Start Test Date:	2025.2.27	Finish Test Date:	2025.3.4
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	23.7℃	Relative Humidity:	48%
Pressure:	101kPa		

Appendix A: 6dB Bandwidth

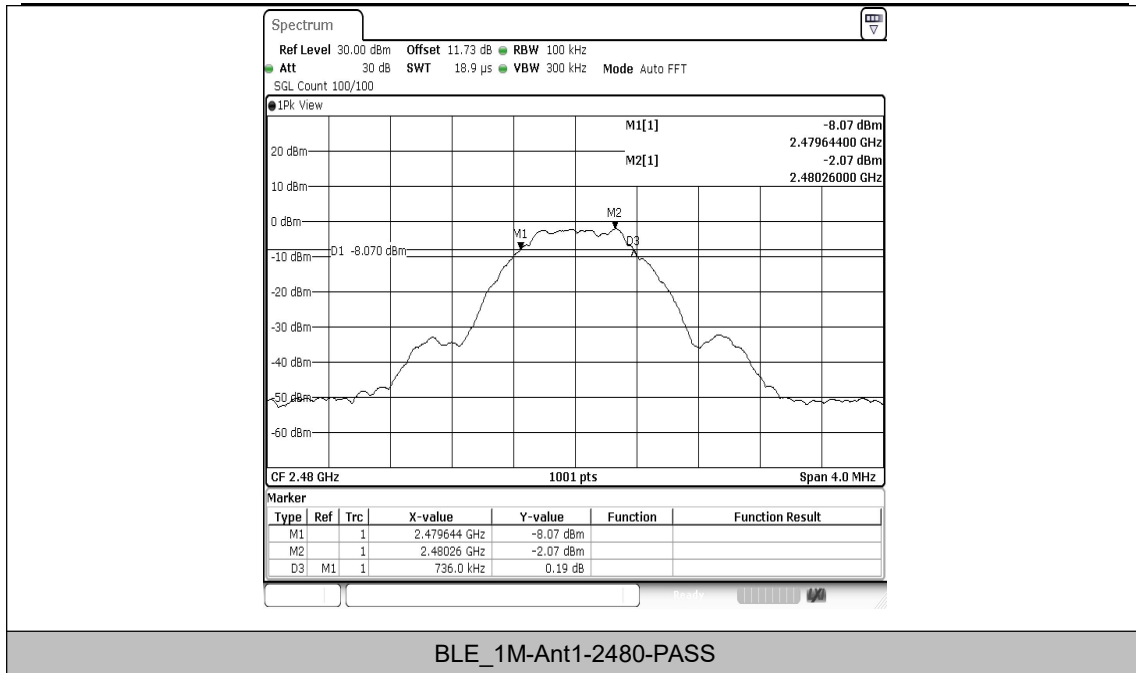
Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.74	2401.65	2402.38	0.5	PASS
BLE_1M	Ant1	2440	0.73	2439.64	2440.37	0.5	PASS
BLE_1M	Ant1	2480	0.74	2479.64	2480.38	0.5	PASS

Test Graphs



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Appendix B: 99% Occupied Bandwidth

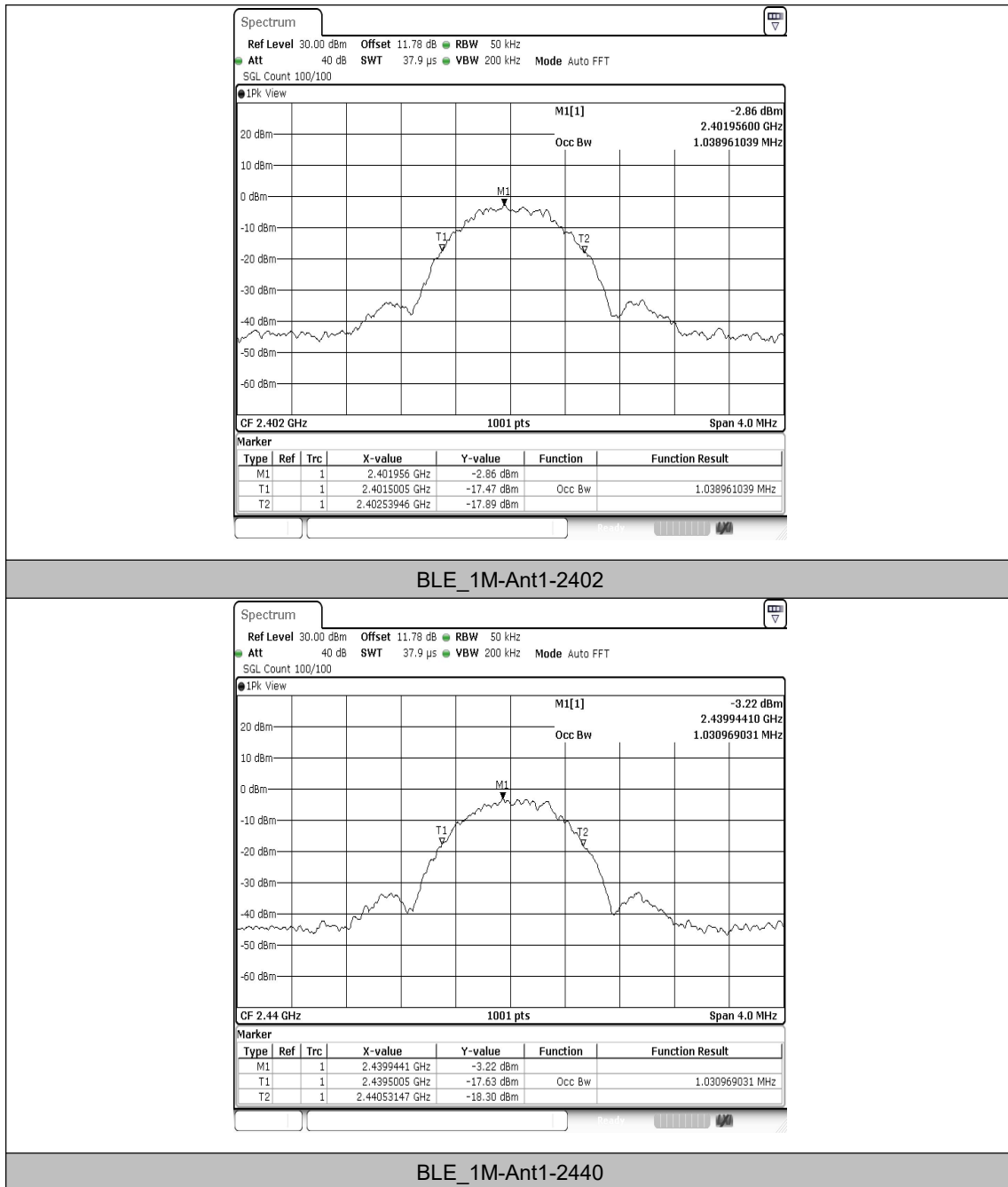
Test Result

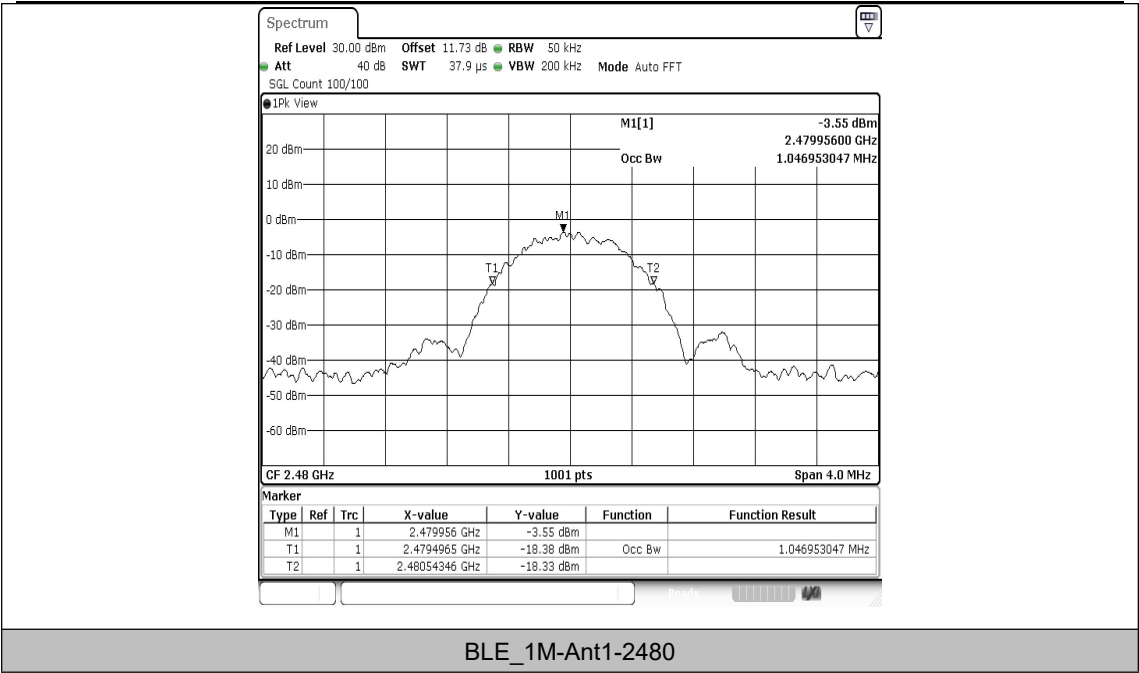
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.039	2401.5005	2402.5395	---	---
BLE_1M	Ant1	2440	1.031	2439.5005	2440.5315	---	---
BLE_1M	Ant1	2480	1.047	2479.4965	2480.5435	---	---

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Test Graphs





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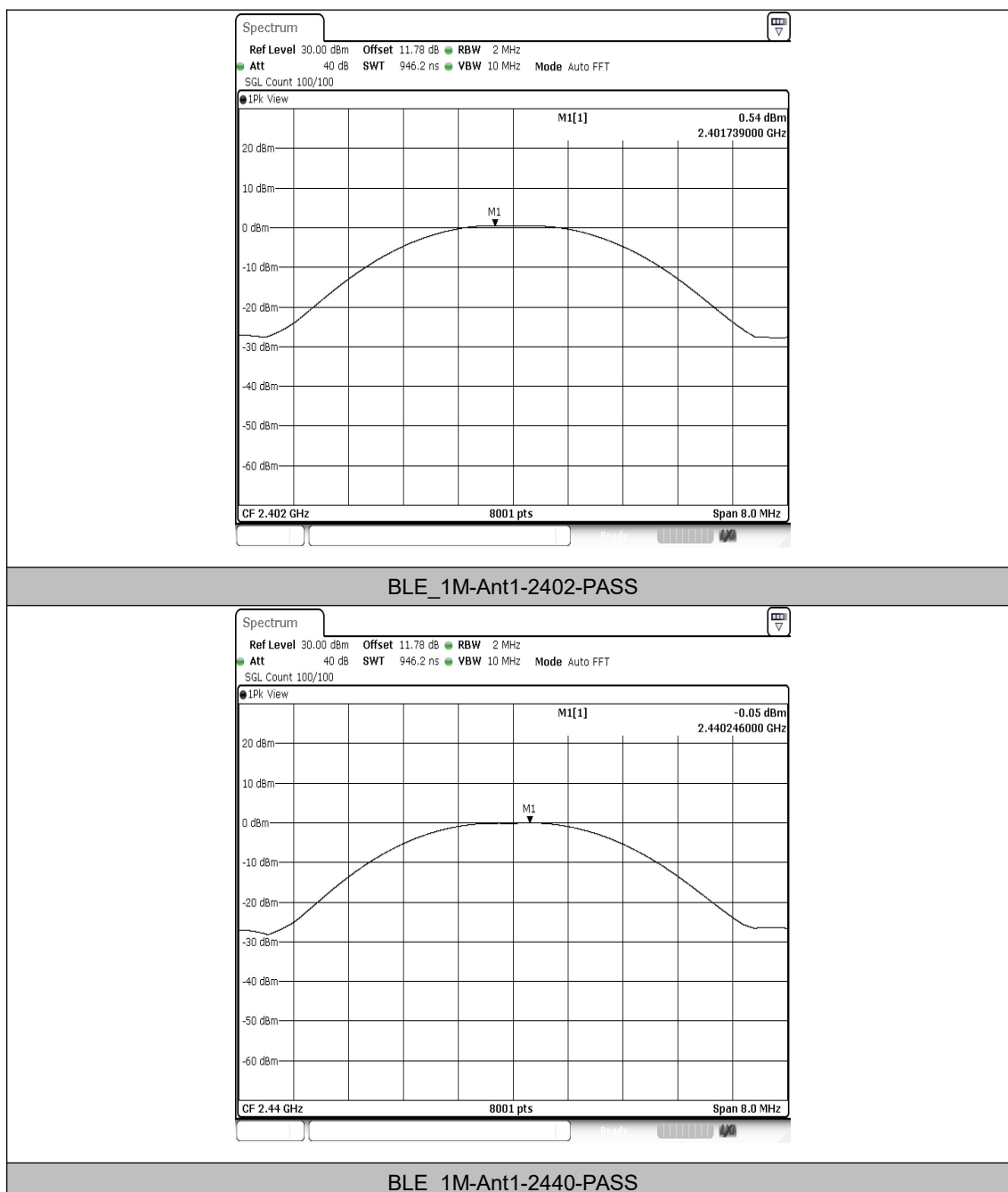
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Appendix C: Maximum conducted output power

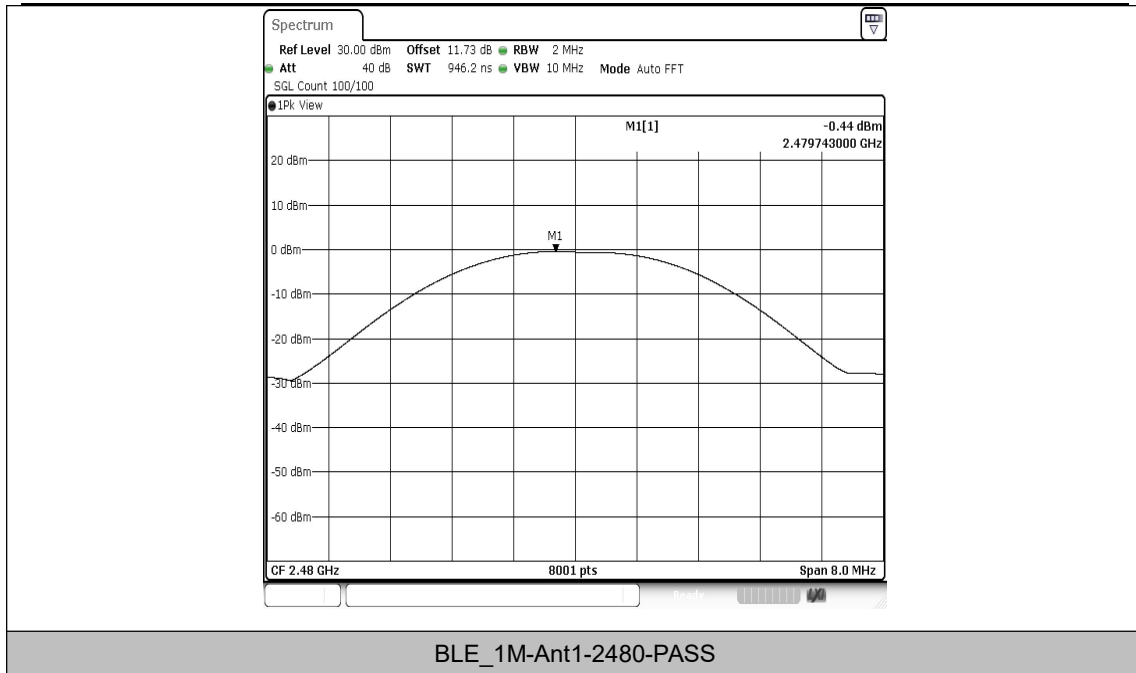
Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.54	≤30	PASS
BLE_1M	Ant1	2440	-0.05	≤30	PASS
BLE_1M	Ant1	2480	-0.44	≤30	PASS

Test Graphs Peak



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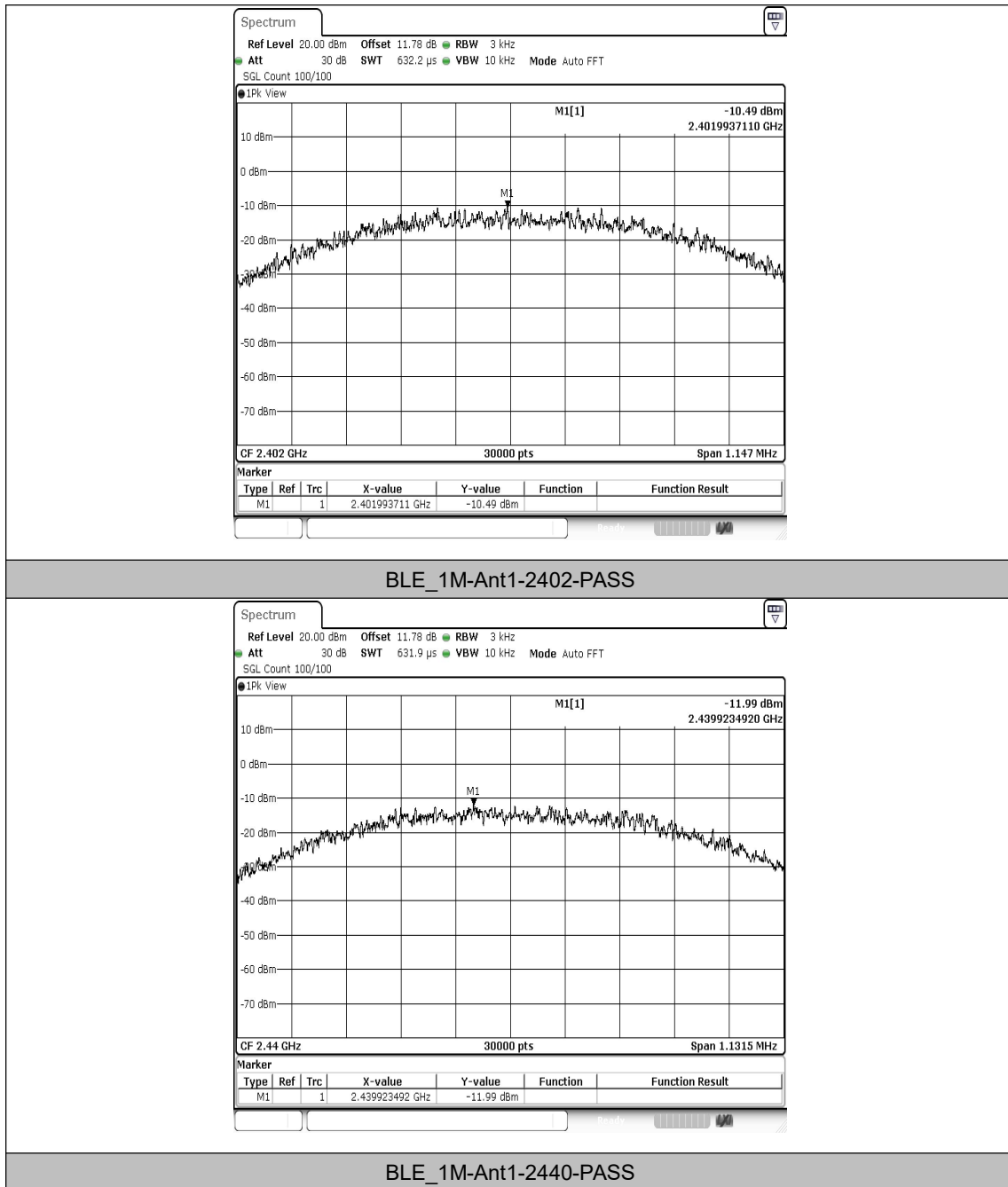
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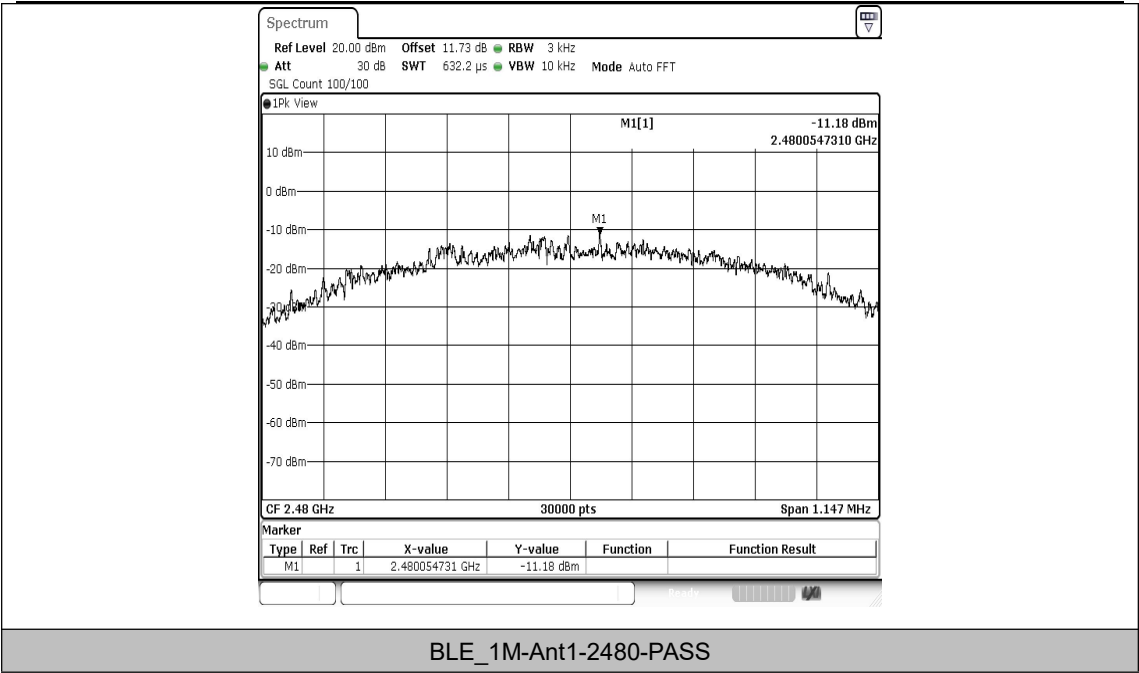
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-10.49	≤8.00	PASS
BLE_1M	Ant1	2440	-11.99	≤8.00	PASS
BLE_1M	Ant1	2480	-11.18	≤8.00	PASS

Test Graphs





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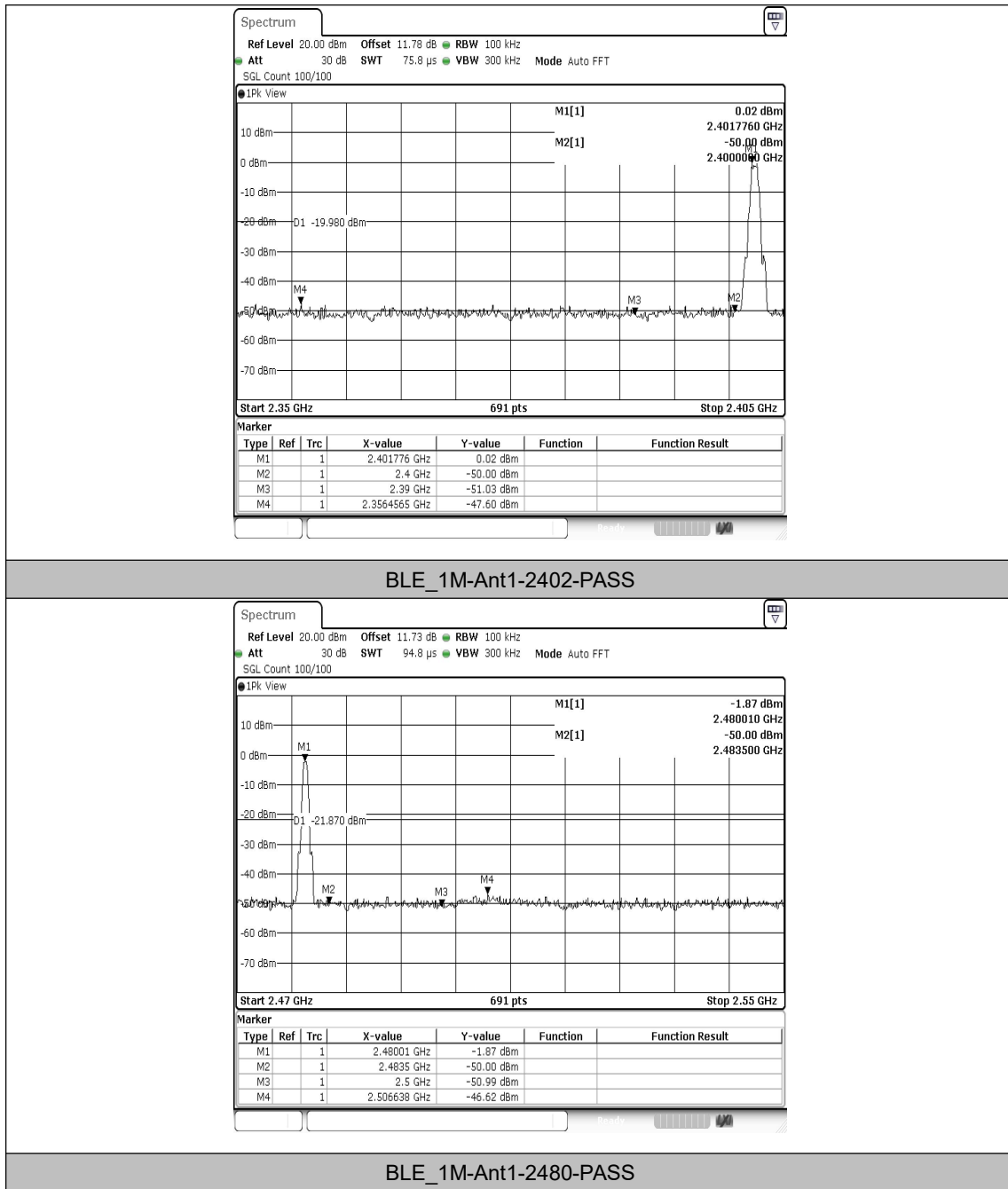
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.02	-47.6	≤-19.98	PASS
BLE_1M	Ant1	High	2480	-1.87	-46.62	≤-21.87	PASS

Test Graphs

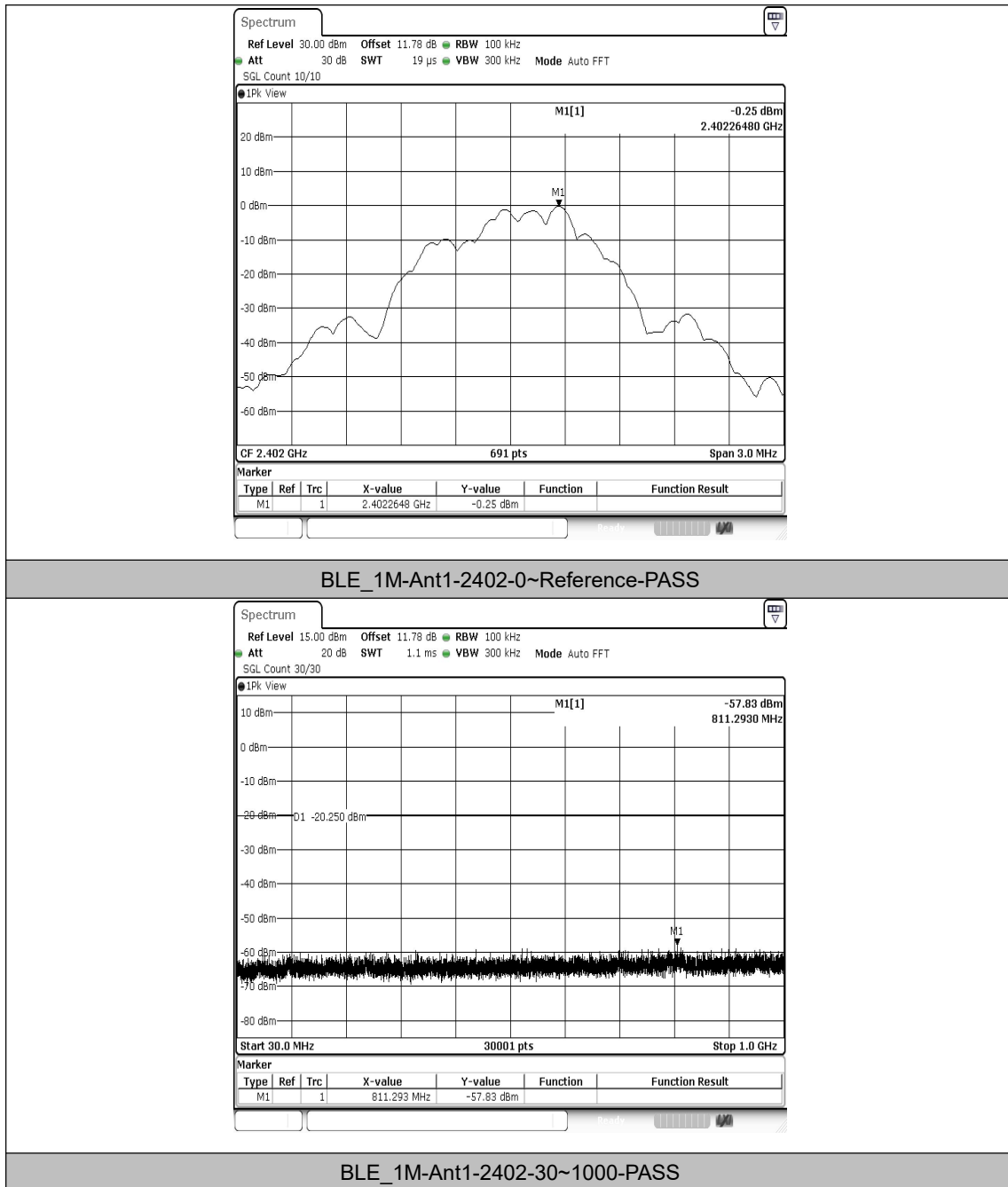


Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.25	-0.25	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.25	-57.83	≤-20.25	PASS
BLE_1M	Ant1	2402	1000~26500	-0.25	-24.35	≤-20.25	PASS
BLE_1M	Ant1	2440	0~Reference	-2.64	-2.64	---	PASS
BLE_1M	Ant1	2440	30~1000	-2.64	-57.35	≤-22.64	PASS
BLE_1M	Ant1	2440	1000~26500	-2.64	-24.55	≤-22.64	PASS
BLE_1M	Ant1	2480	0~Reference	-1.73	-1.73	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.73	-58.69	≤-21.73	PASS
BLE_1M	Ant1	2480	1000~26500	-1.73	-25.44	≤-21.73	PASS

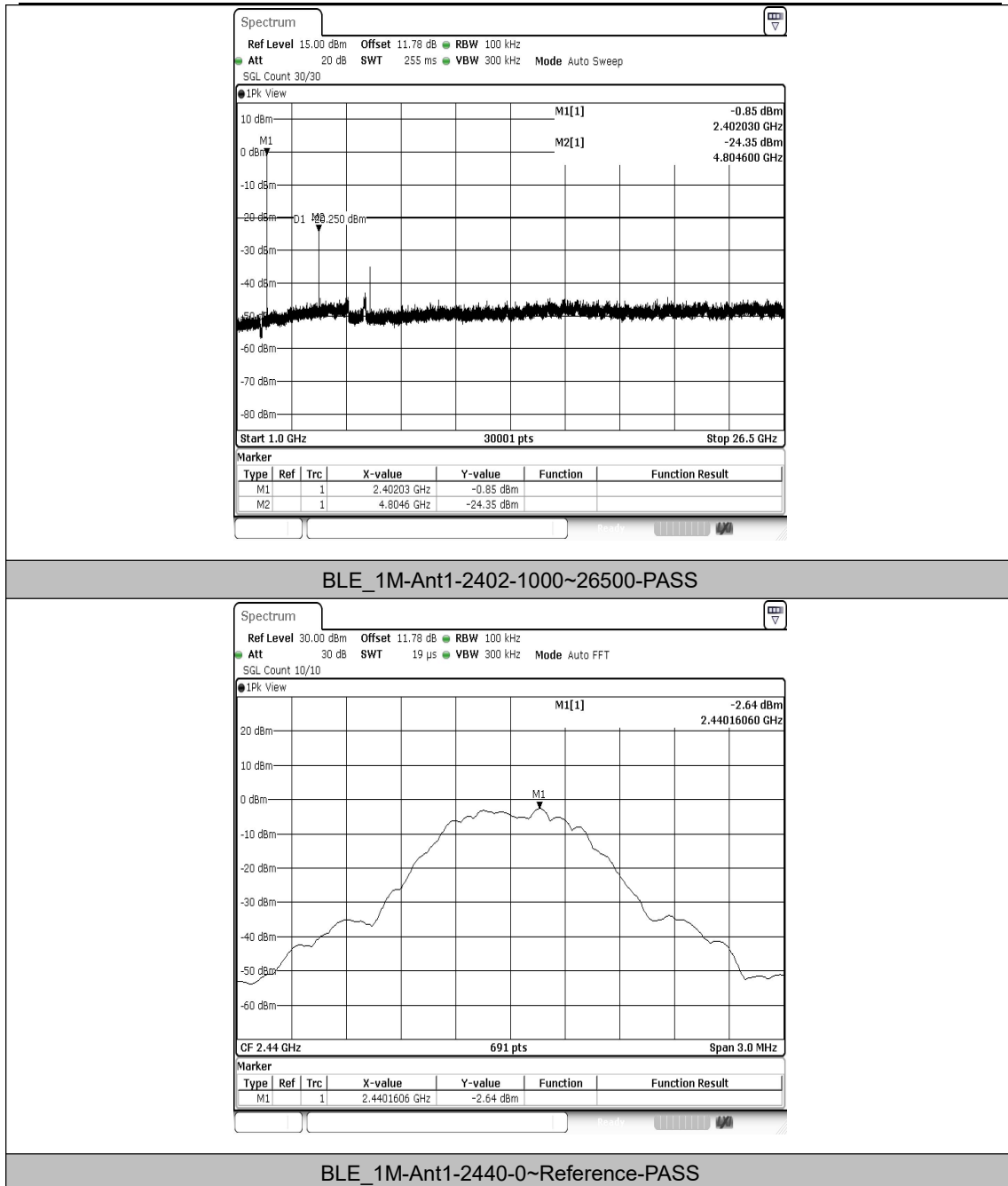
Test Graphs



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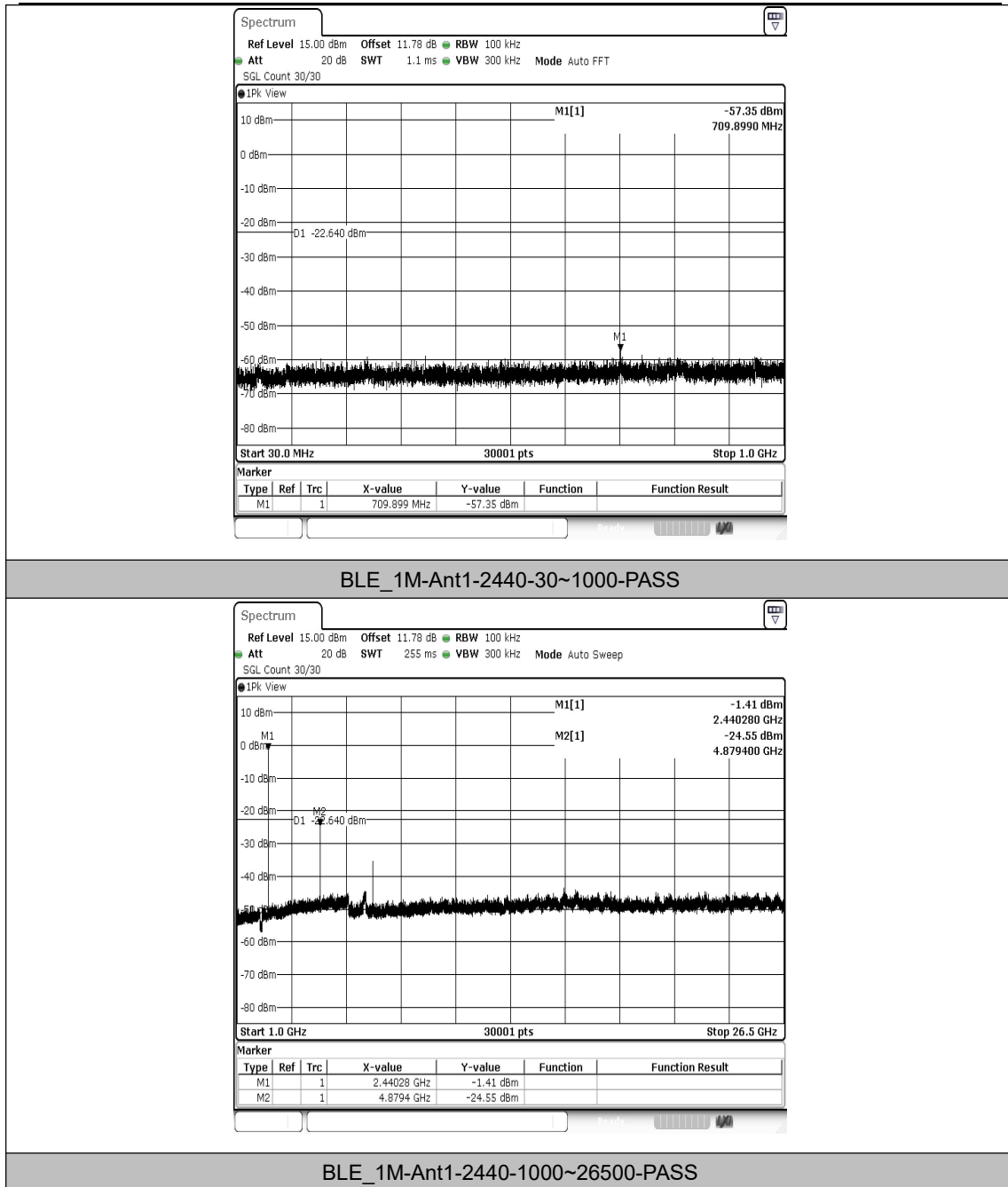
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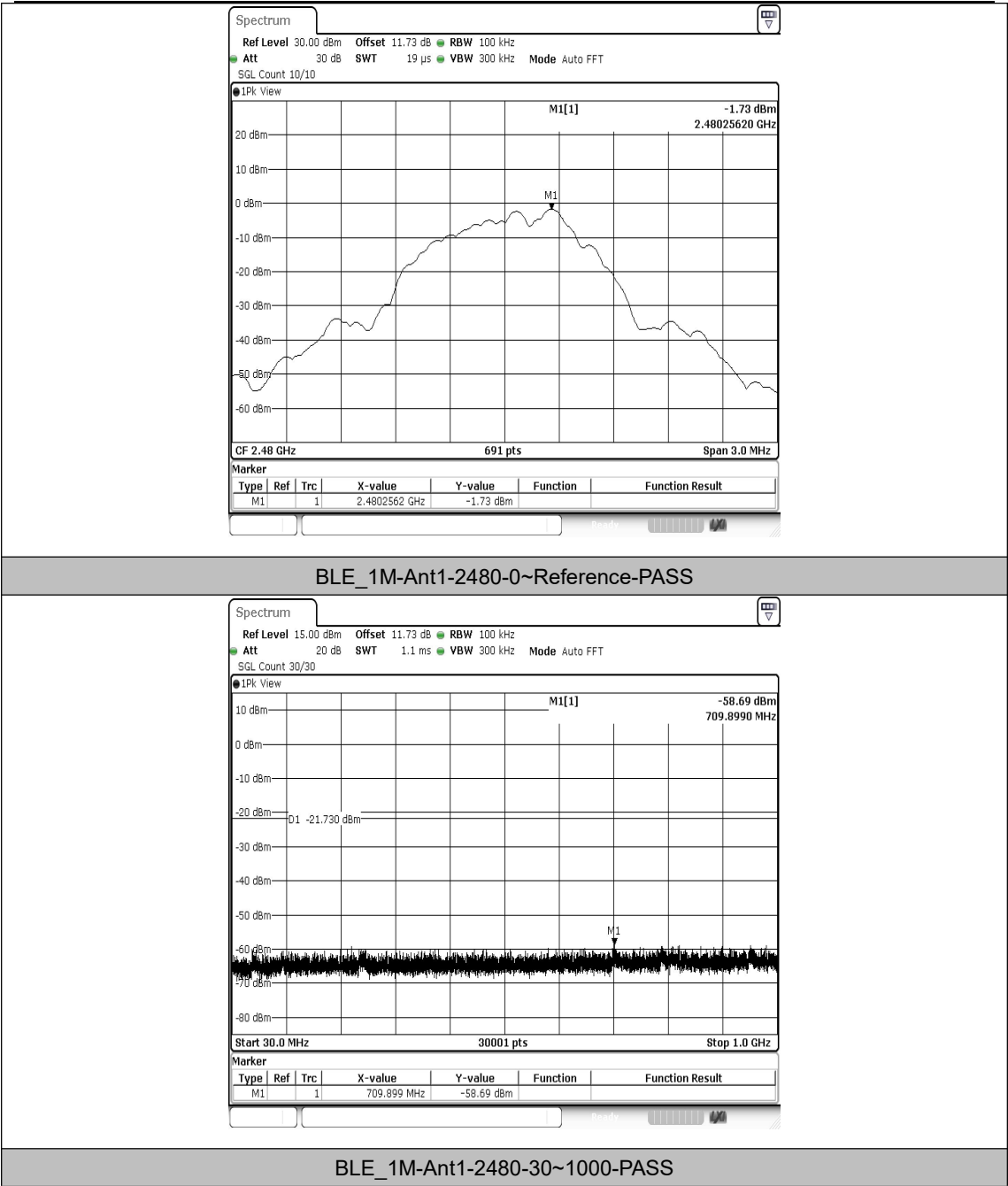
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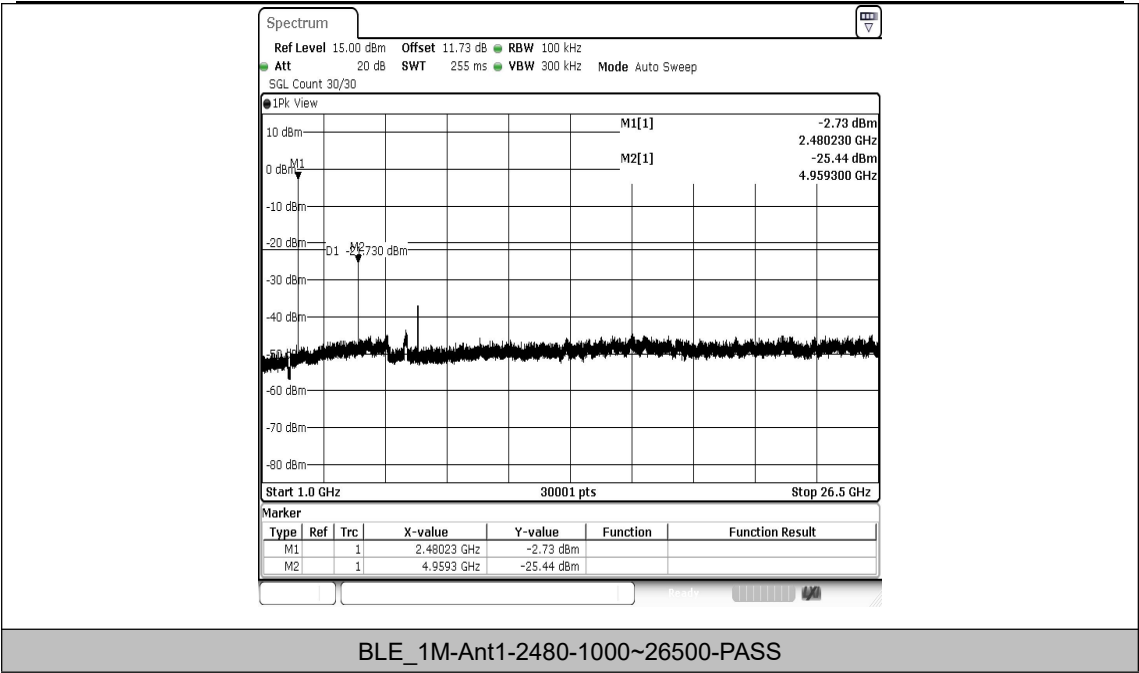


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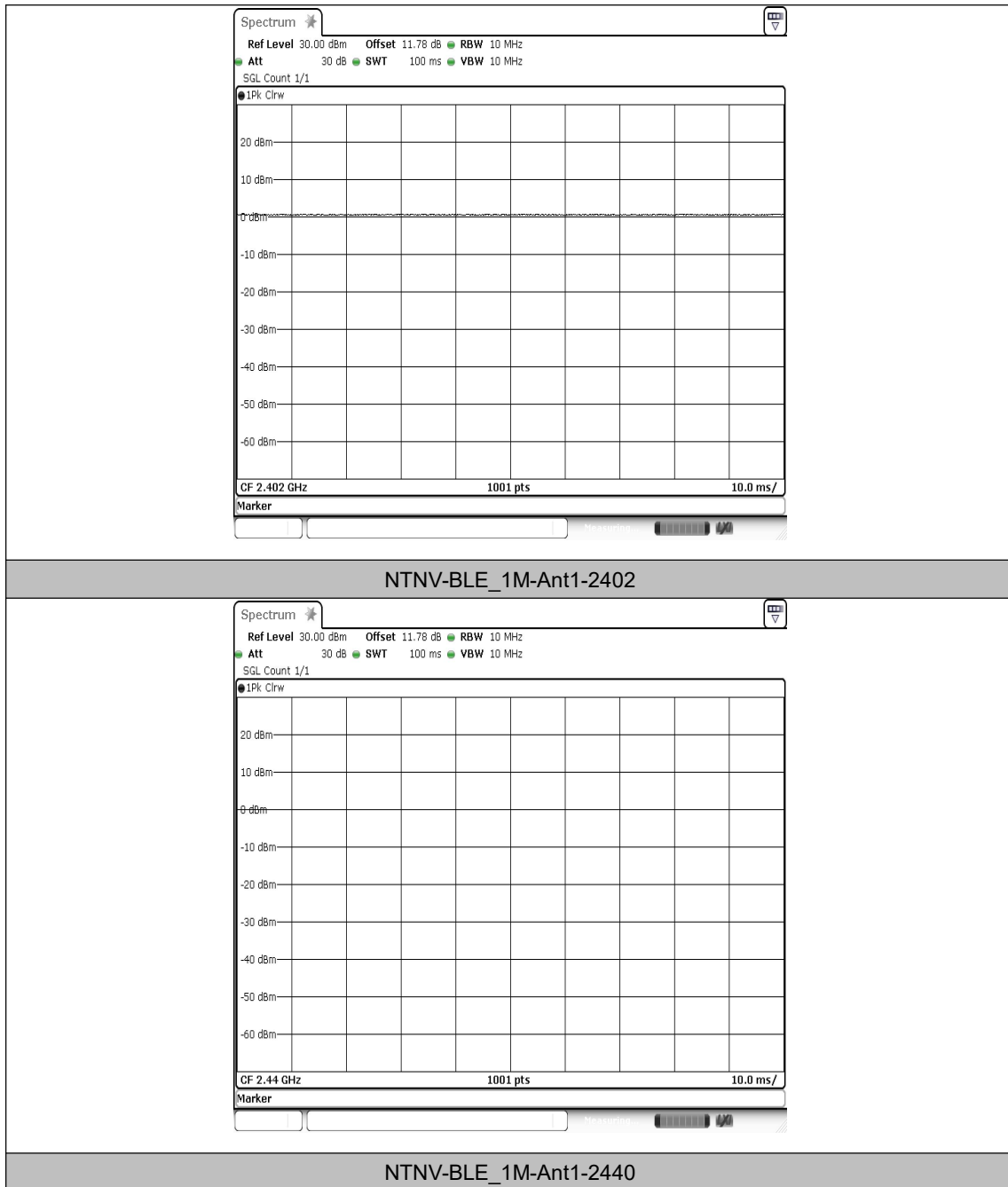
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	100.00	100.00	100	0
BLE_1M	Ant1	2440	100.00	100.00	100	0
BLE_1M	Ant1	2480	100.00	100.00	100	0



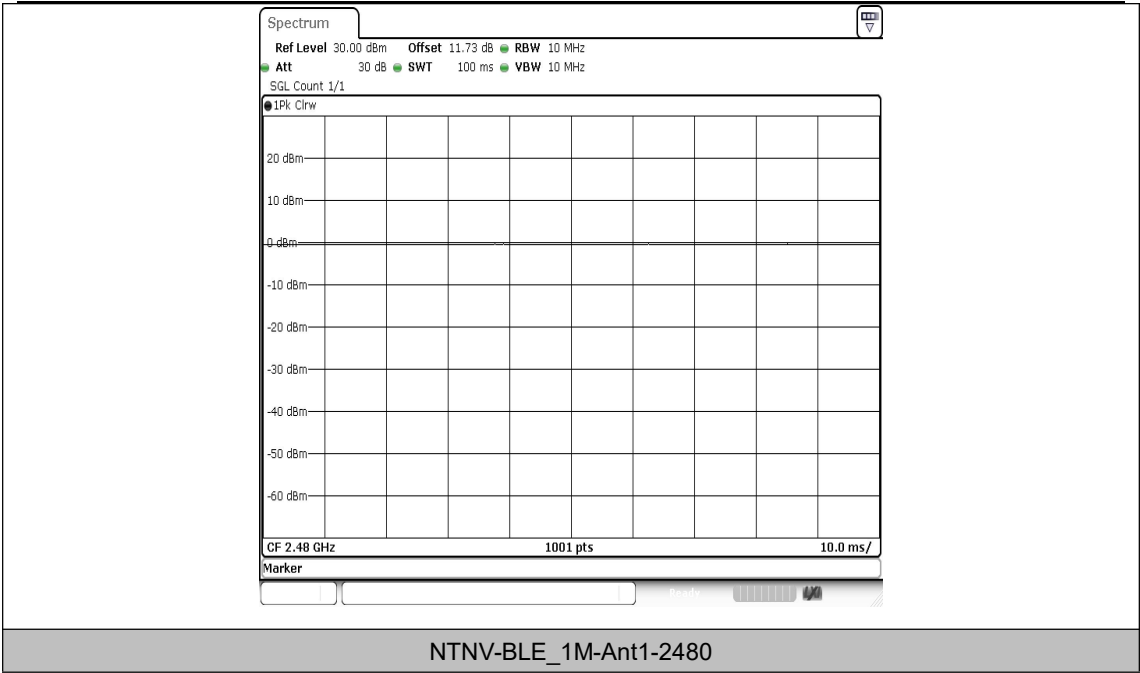
Test Graphs



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