

Appendix Test Data

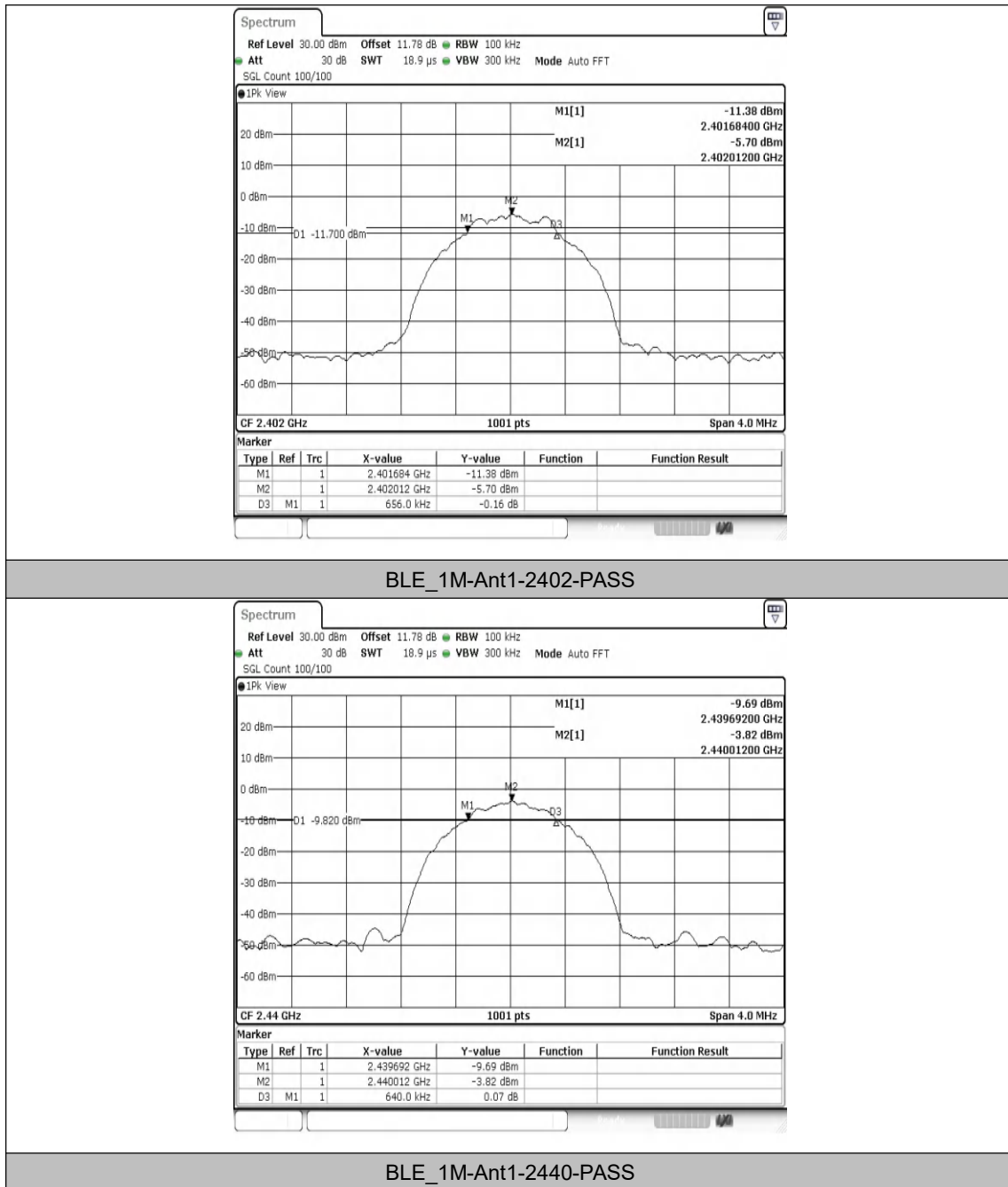
Report No.:	1811C50032512501	Test Sample No.:	1-2-2
Start Test Date:	2025-03-11	Finish Test Date:	2025-03-18
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	23.3°C	Relative Humidity:	41%
Pressure:	101kPa		

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	0.66	2401.68	2402.34	0.5	PASS
BLE_1M	Ant1	2440	0.64	2439.69	2440.33	0.5	PASS
BLE_1M	Ant1	2480	0.65	2479.68	2480.33	0.5	PASS

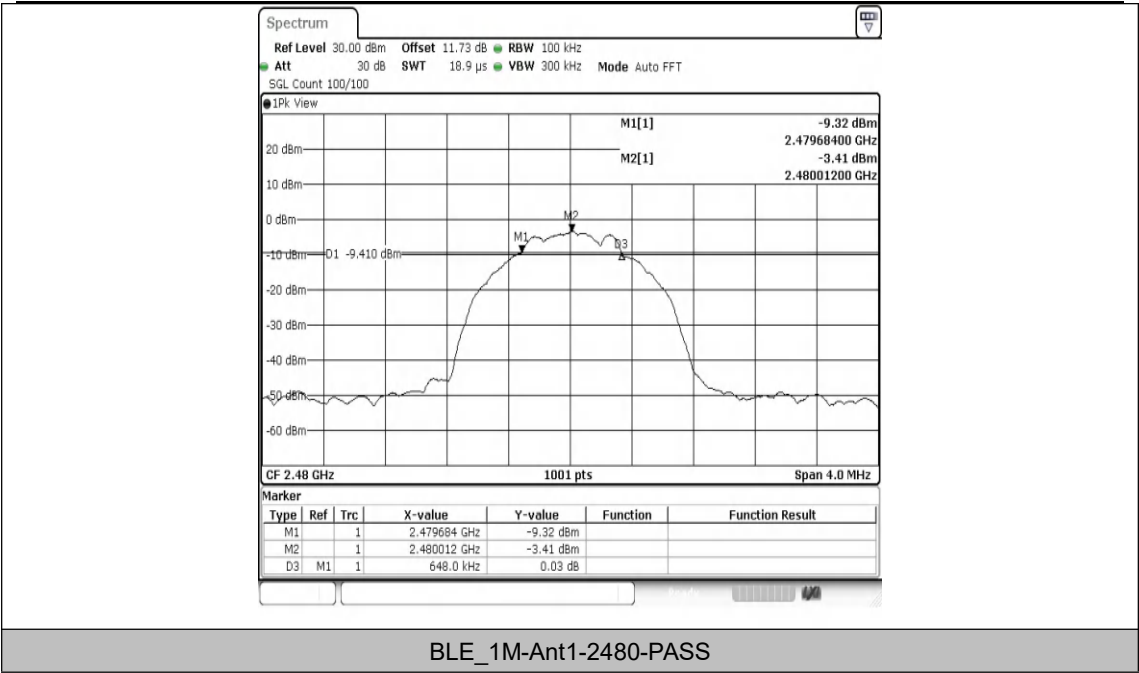
Test Graphs



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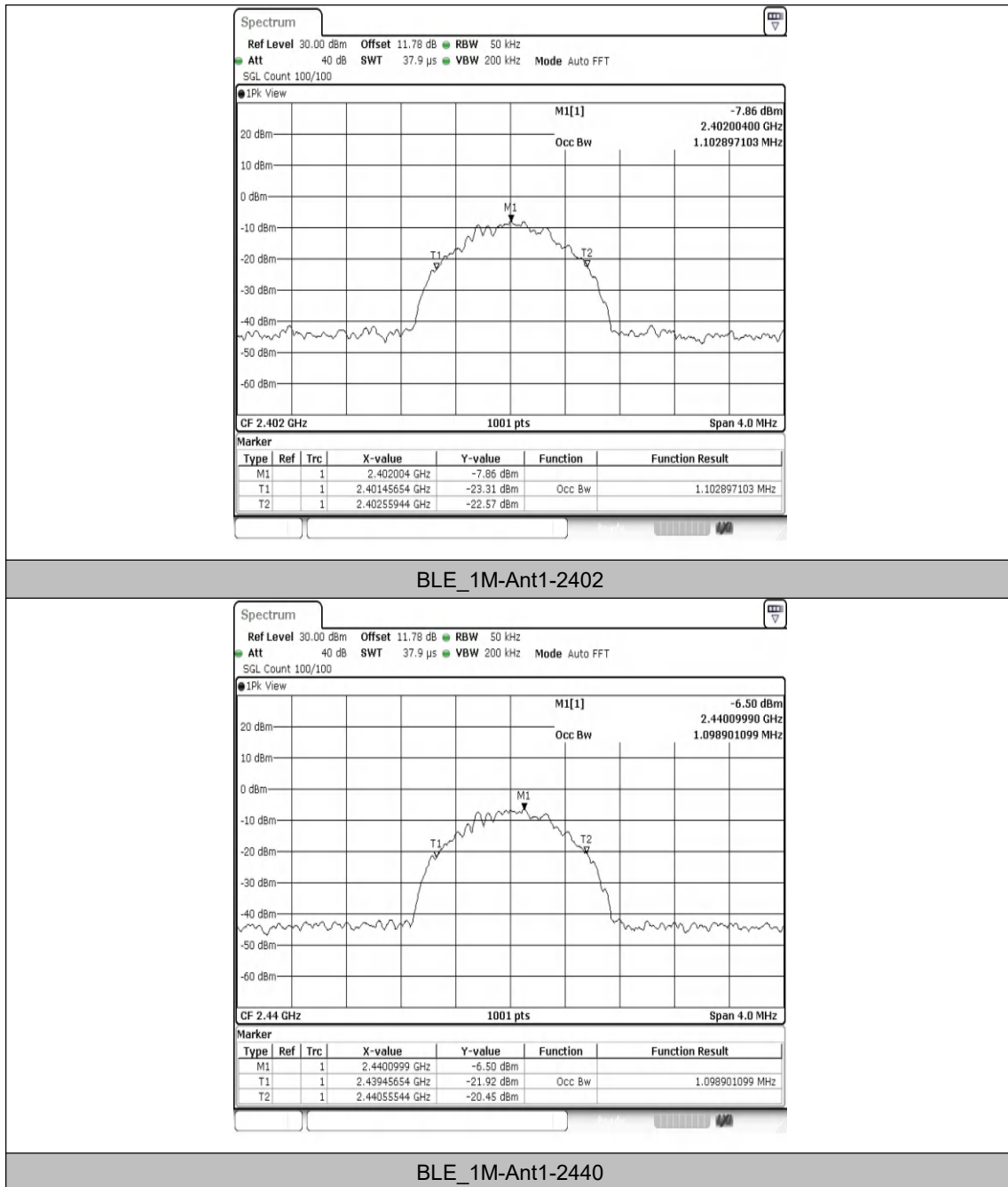
Appendix B: 99% Occupied Bandwidth

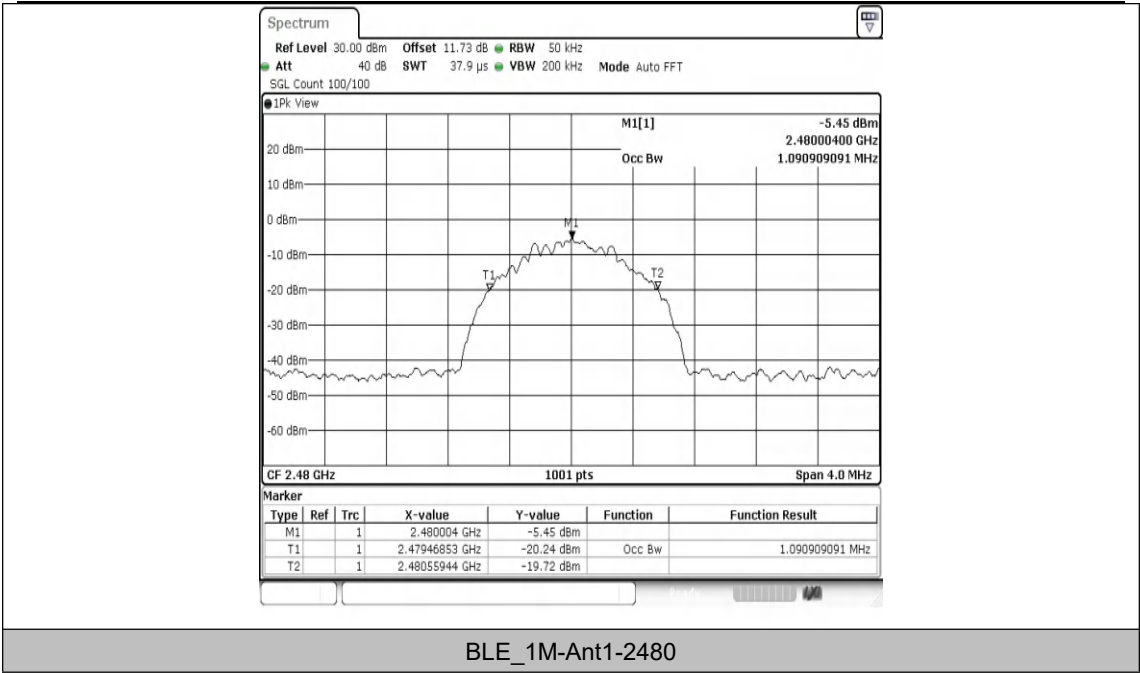
Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.103	2401.4565	2402.5594	---	---
BLE_1M	Ant1	2440	1.099	2439.4565	2440.5554	---	---
BLE_1M	Ant1	2480	1.091	2479.4685	2480.5594	---	---



Test Graphs





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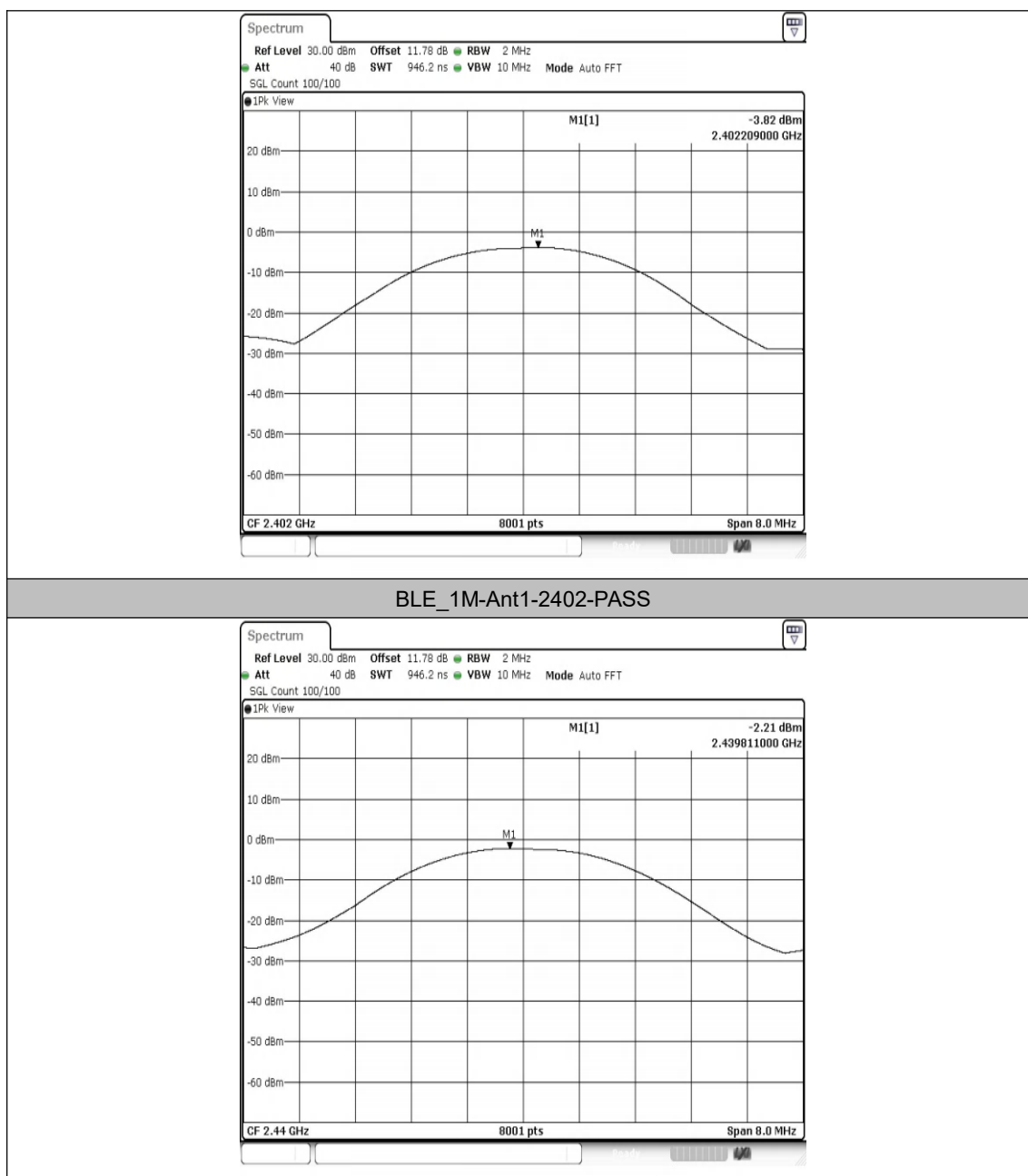
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-3.82	≤30	PASS
BLE_1M	Ant1	2440	-2.21	≤30	PASS
BLE_1M	Ant1	2480	-1.47	≤30	PASS

Test Graphs Peak



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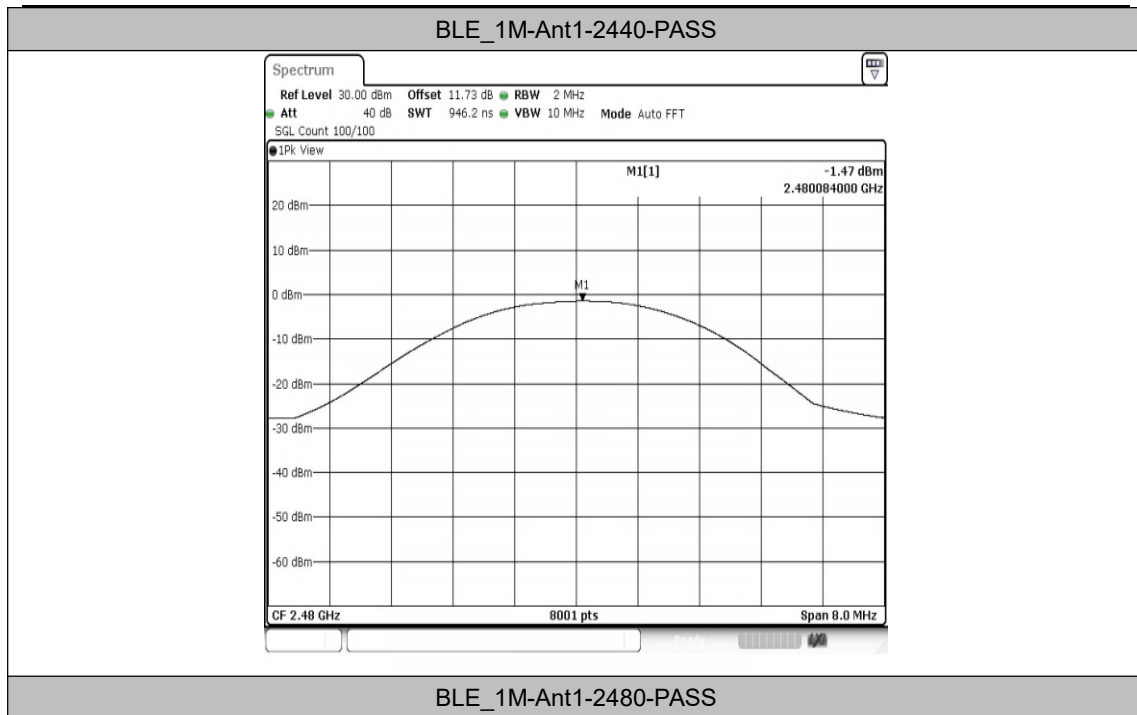
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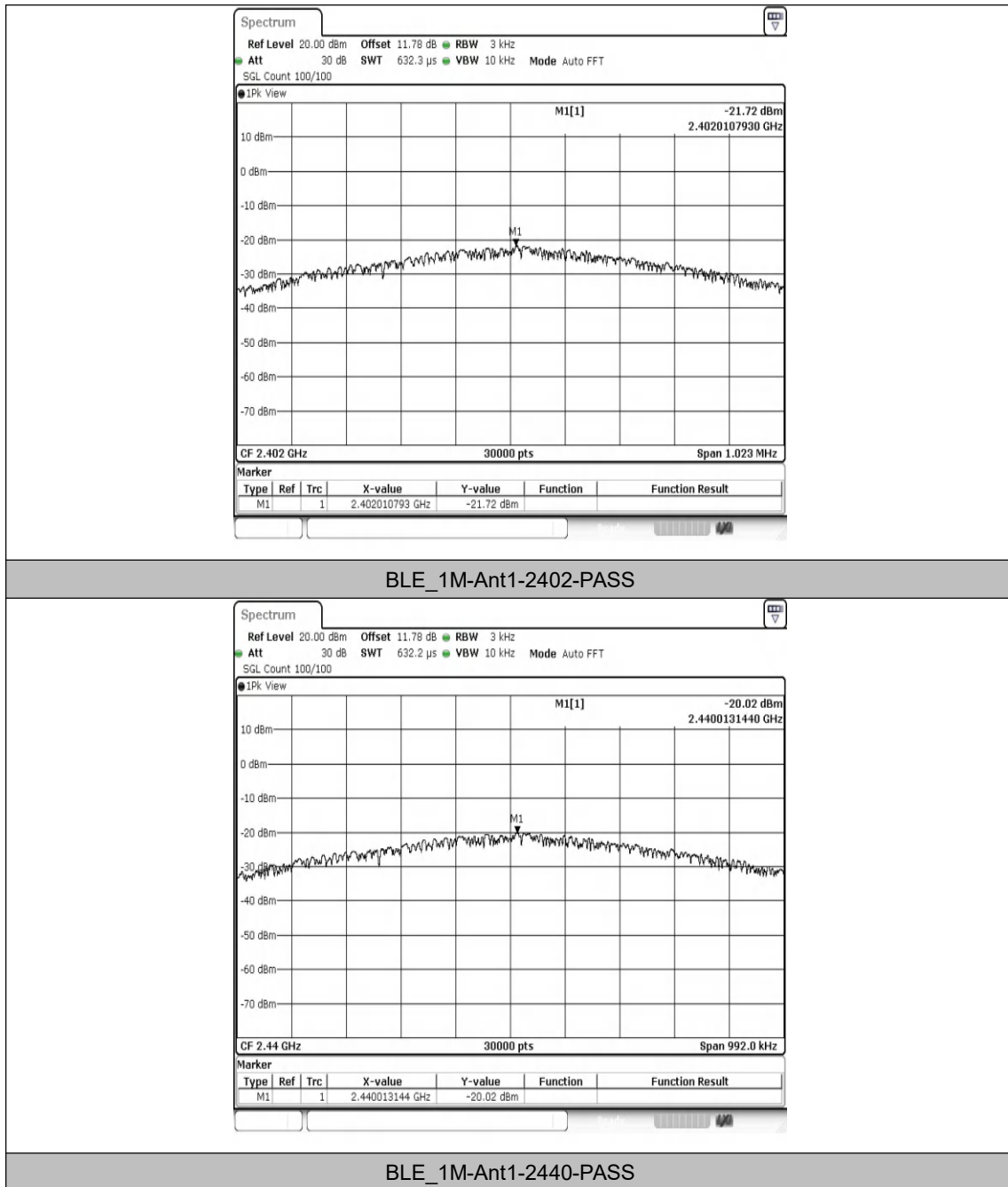
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-21.72	≤8.00	PASS
BLE_1M	Ant1	2440	-20.02	≤8.00	PASS
BLE_1M	Ant1	2480	-19.25	≤8.00	PASS

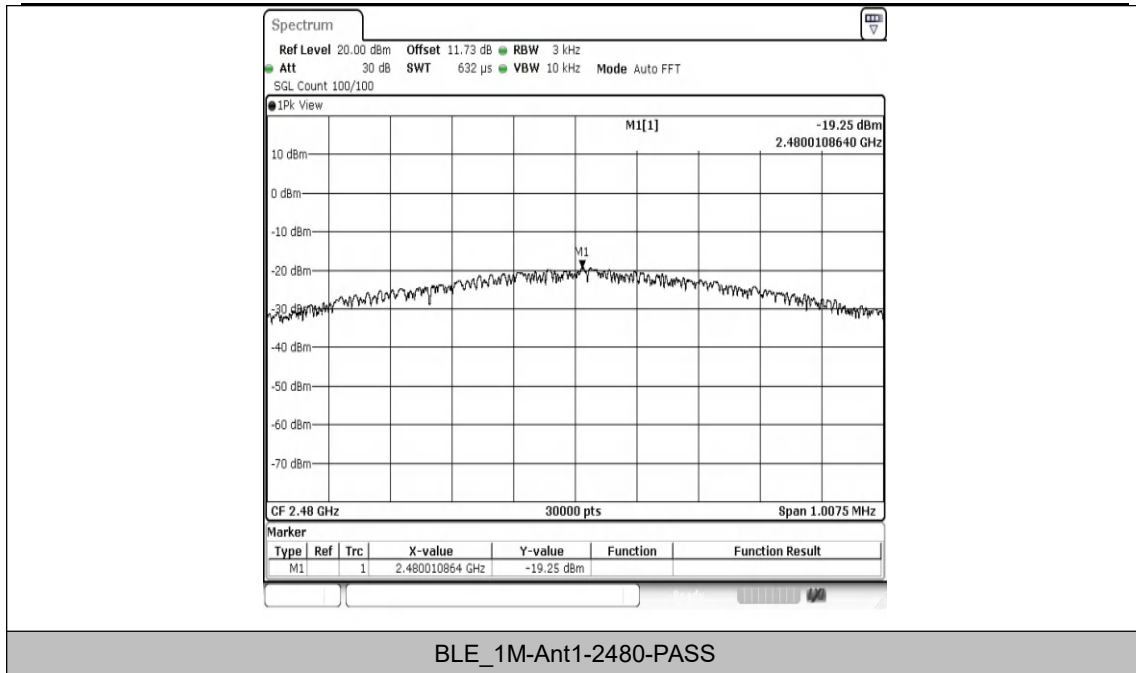
Test Graphs



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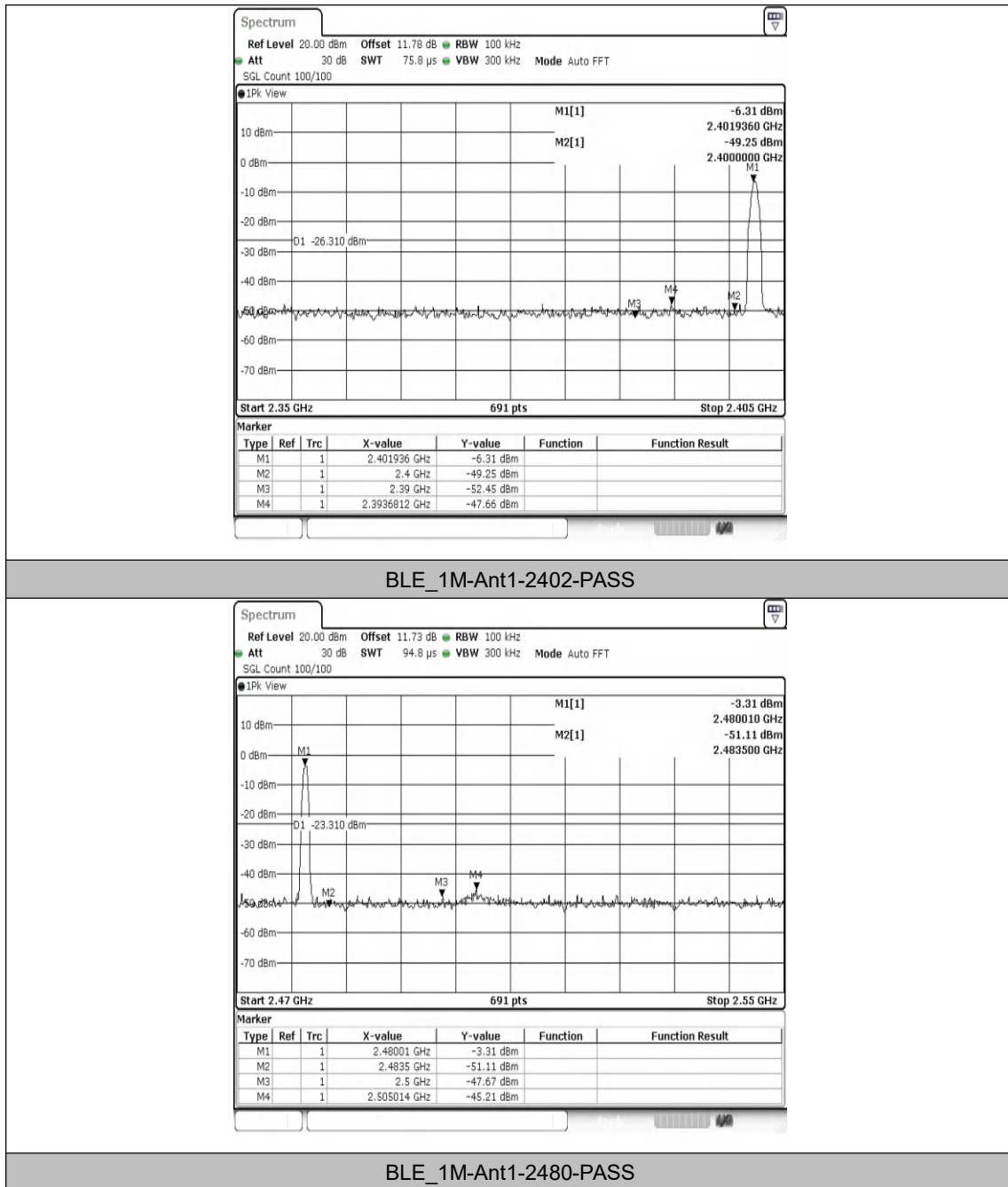
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-6.31	-47.66	≤-26.31	PASS
BLE_1M	Ant1	High	2480	-3.31	-45.21	≤-23.31	PASS

Test Graphs

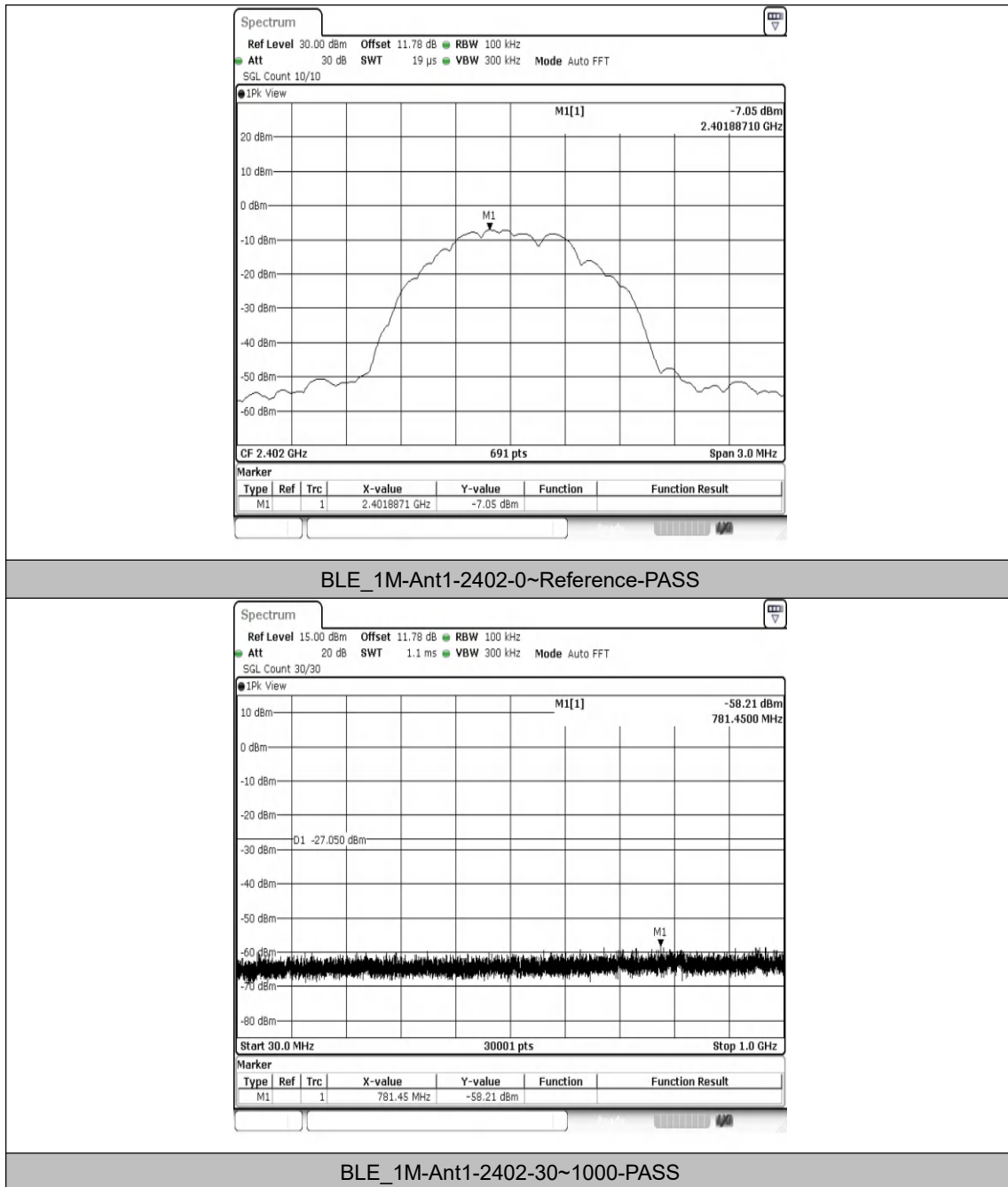


Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-7.05	-7.05	---	PASS
BLE_1M	Ant1	2402	30~1000	-7.05	-58.21	≤-27.05	PASS
BLE_1M	Ant1	2402	1000~26500	-7.05	-43.61	≤-27.05	PASS
BLE_1M	Ant1	2440	0~Reference	-5.25	-5.25	---	PASS
BLE_1M	Ant1	2440	30~1000	-5.25	-58.79	≤-25.25	PASS
BLE_1M	Ant1	2440	1000~26500	-5.25	-44.43	≤-25.25	PASS
BLE_1M	Ant1	2480	0~Reference	-3.72	-3.72	---	PASS
BLE_1M	Ant1	2480	30~1000	-3.72	-58.21	≤-23.72	PASS
BLE_1M	Ant1	2480	1000~26500	-3.72	-43.85	≤-23.72	PASS

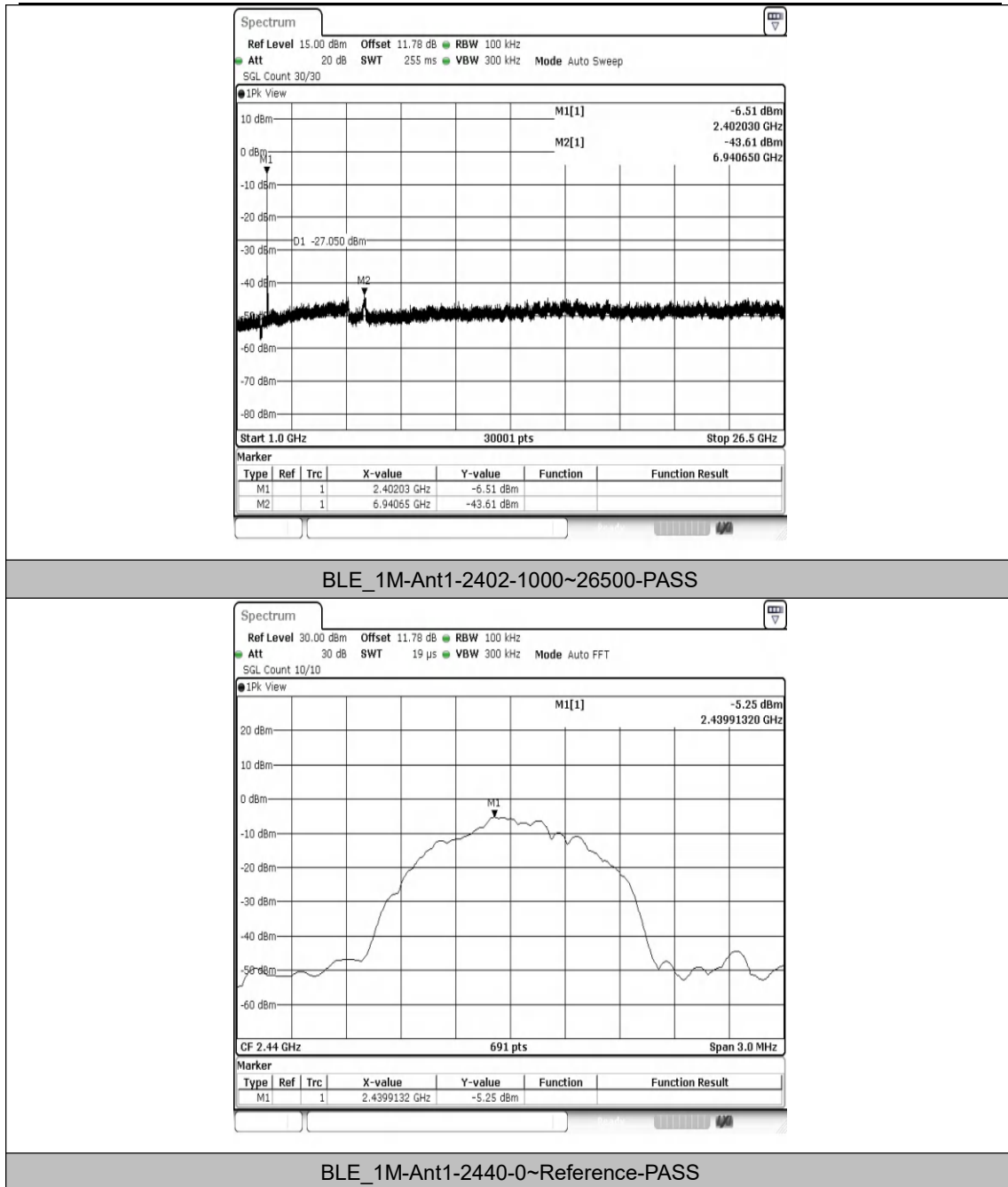
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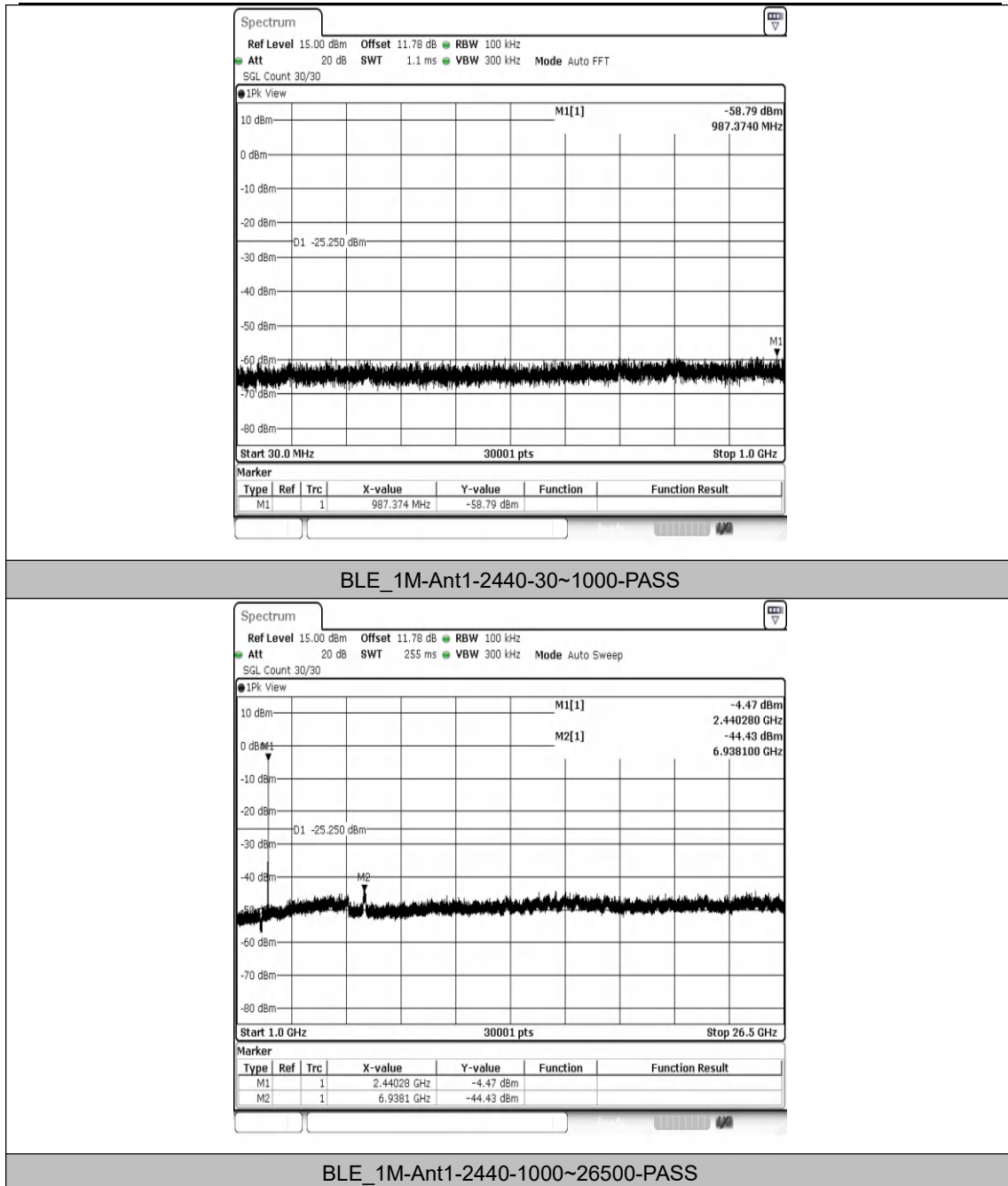


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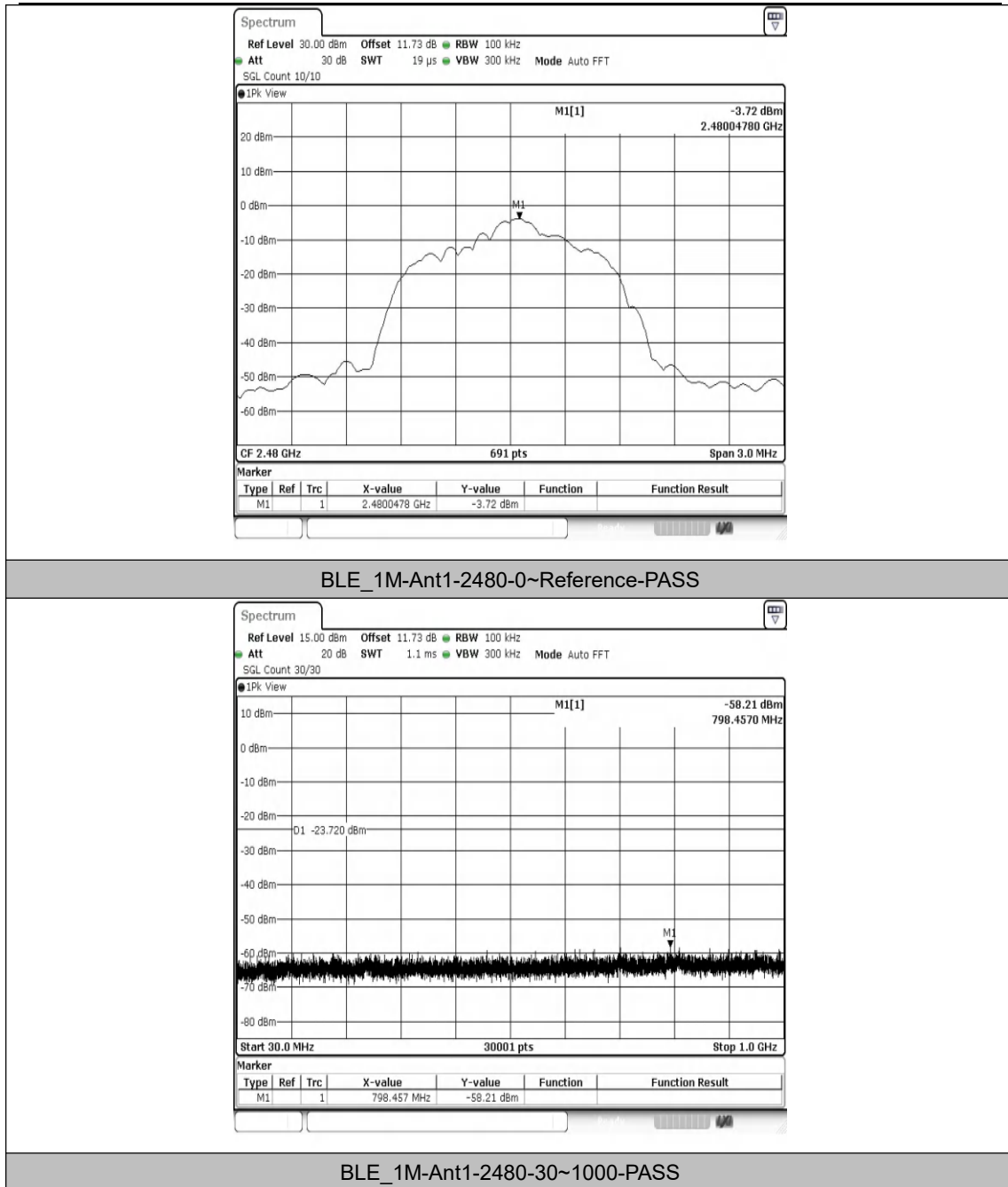


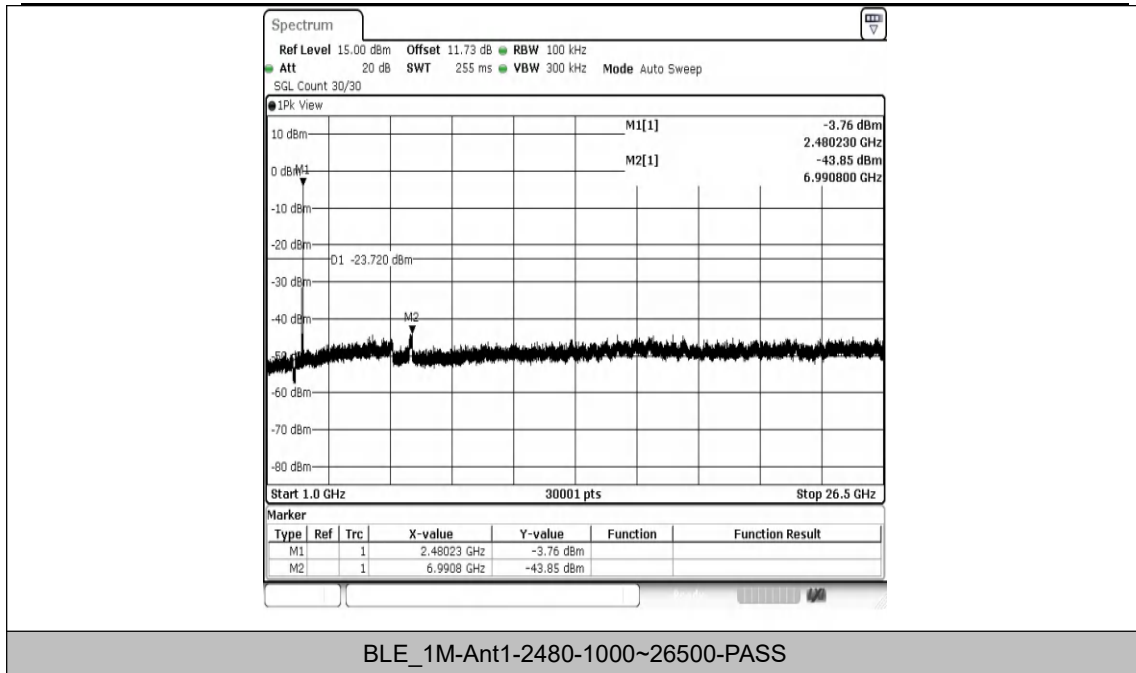


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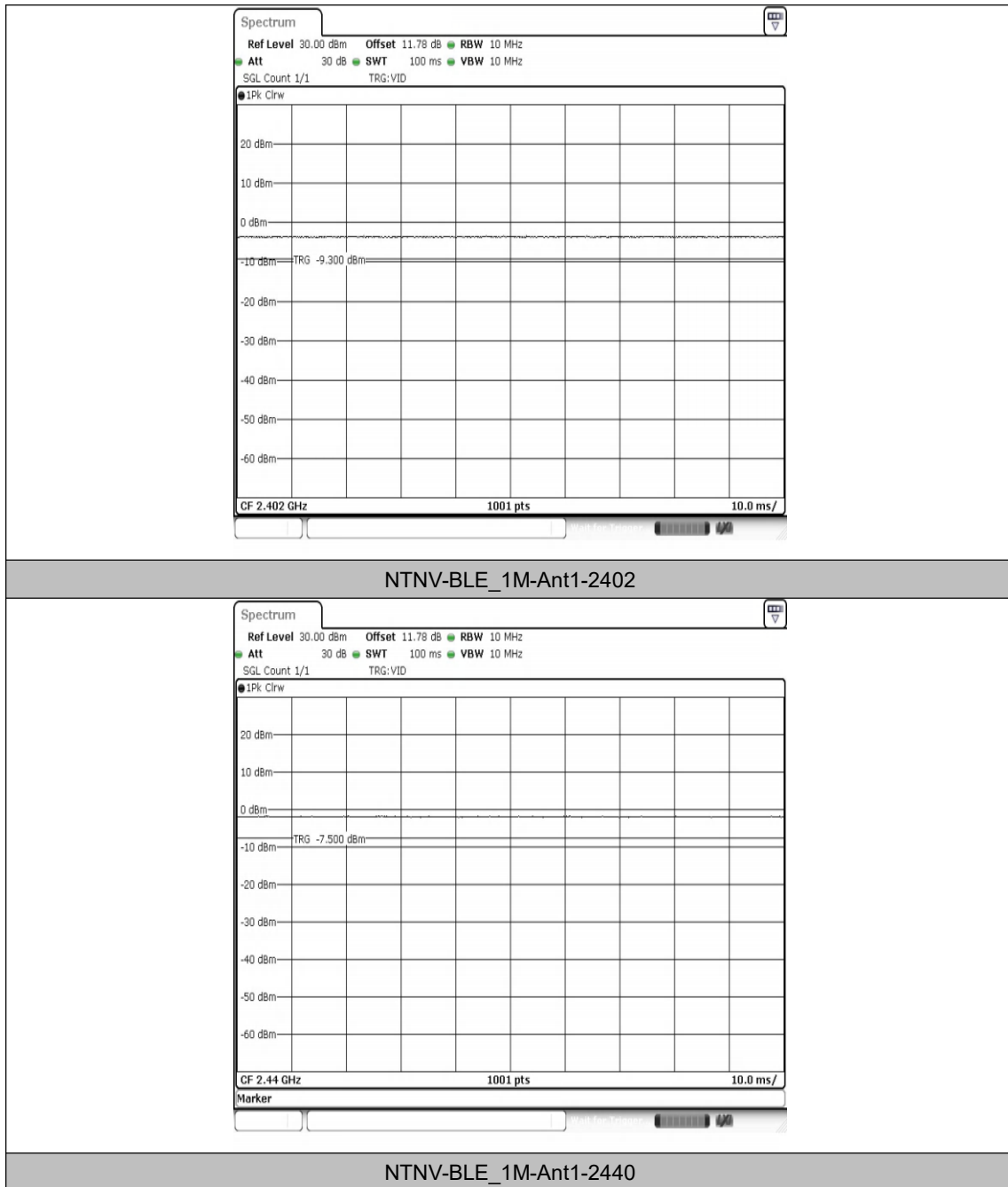
Appendix G: Duty Cycle

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	100.00	0.00
BLE_1M	Ant1	2440	100.00	100.00	100.00	0.00
BLE_1M	Ant1	2480	100.00	100.00	100.00	0.00



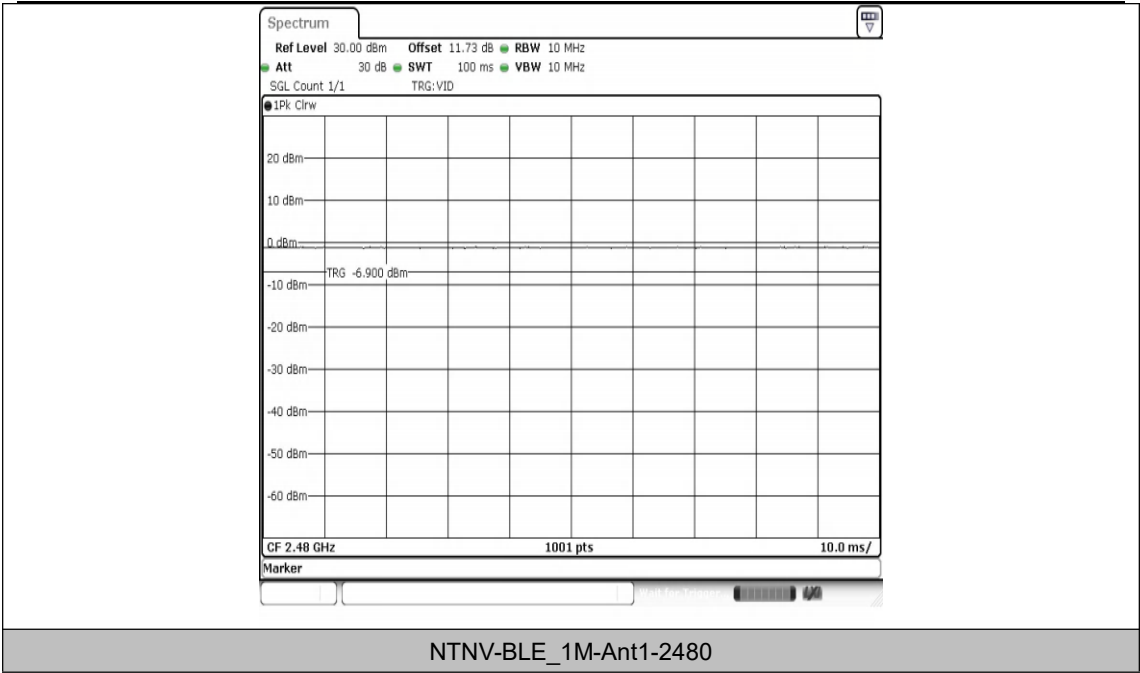
Test Graphs



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