

Appendix Test Data

Report No.:	1818C50004312501	Test Sample No.:	1-2-2
Start Test Date:	2025.1.10	Finish Test Date:	2025.1.11
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.7°C	Relative Humidity:	53%
Pressure:	101kPa		

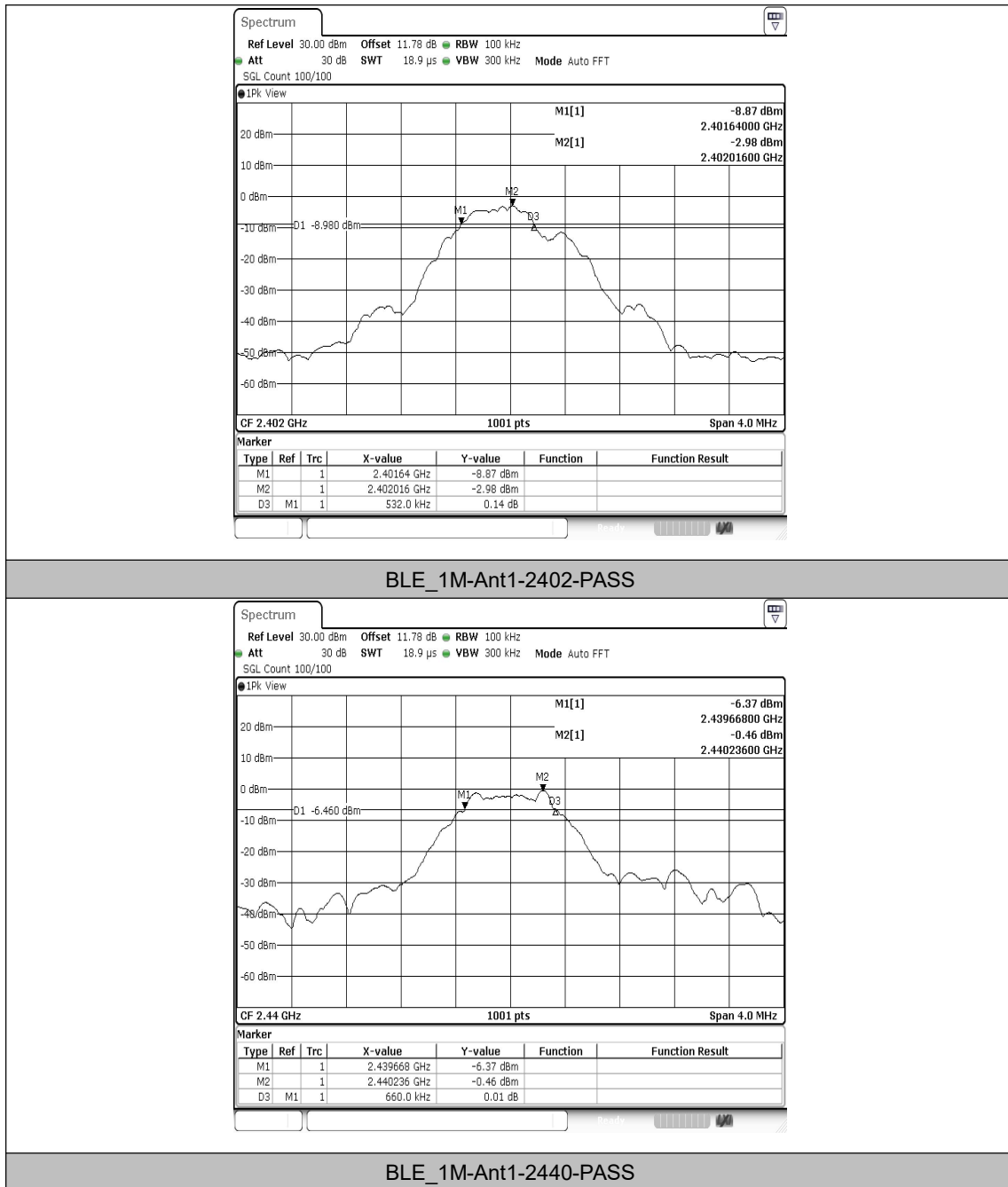
Appendix A: 6dB Bandwidth

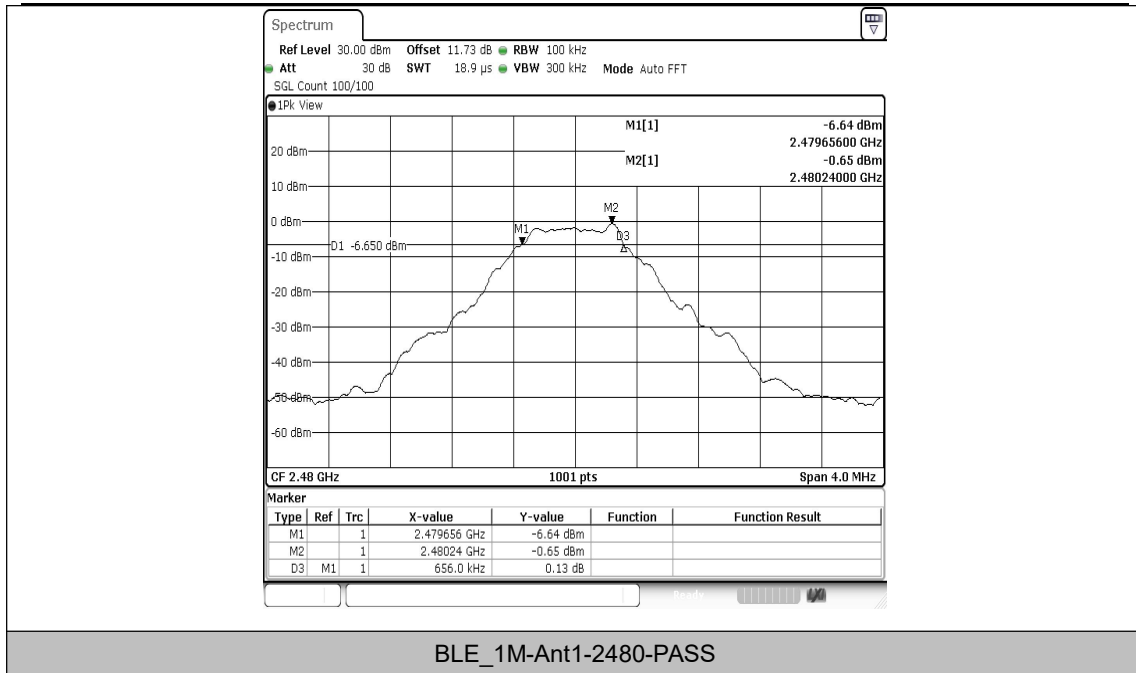
Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.53	2401.64	2402.17	0.5	PASS
BLE_1M	Ant1	2440	0.66	2439.67	2440.33	0.5	PASS
BLE_1M	Ant1	2480	0.66	2479.66	2480.31	0.5	PASS



Test Graphs





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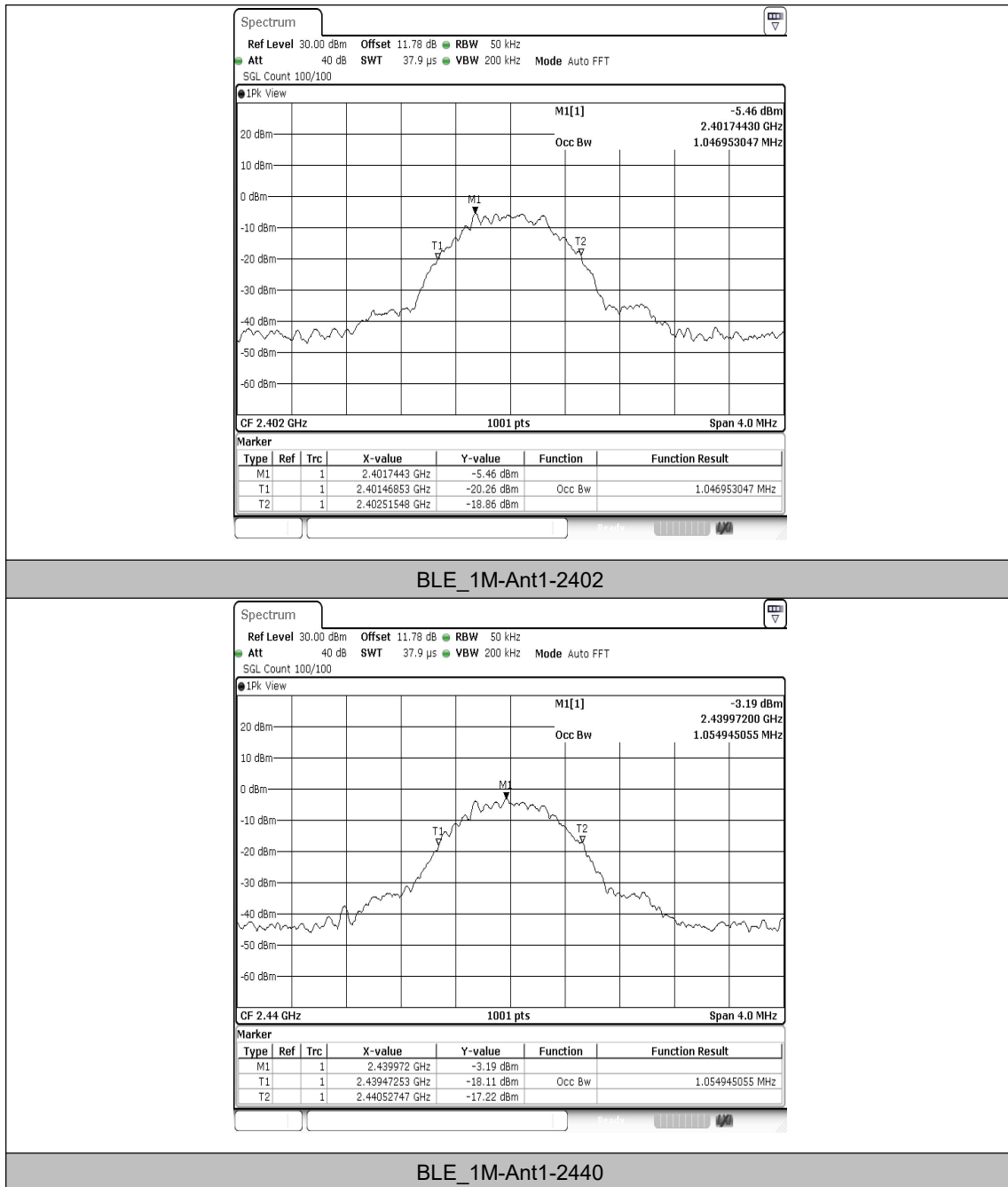
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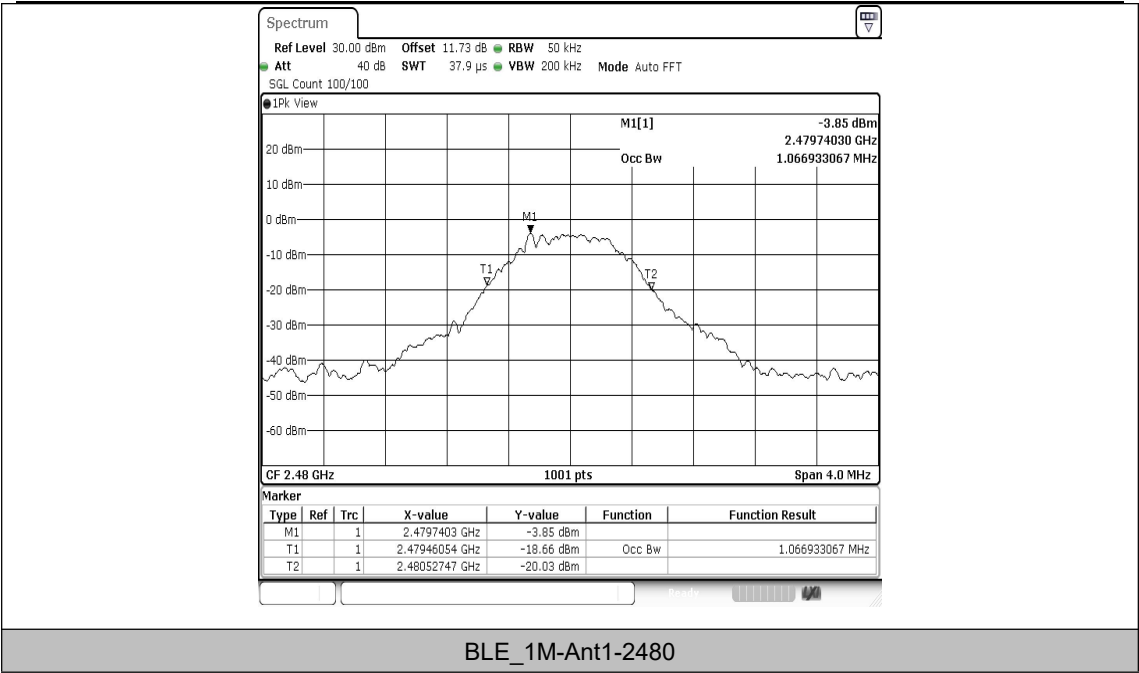
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.047	2401.4685	2402.5155	---	---
BLE_1M	Ant1	2440	1.055	2439.4725	2440.5275	---	---
BLE_1M	Ant1	2480	1.067	2479.4605	2480.5275	---	---

Test Graphs





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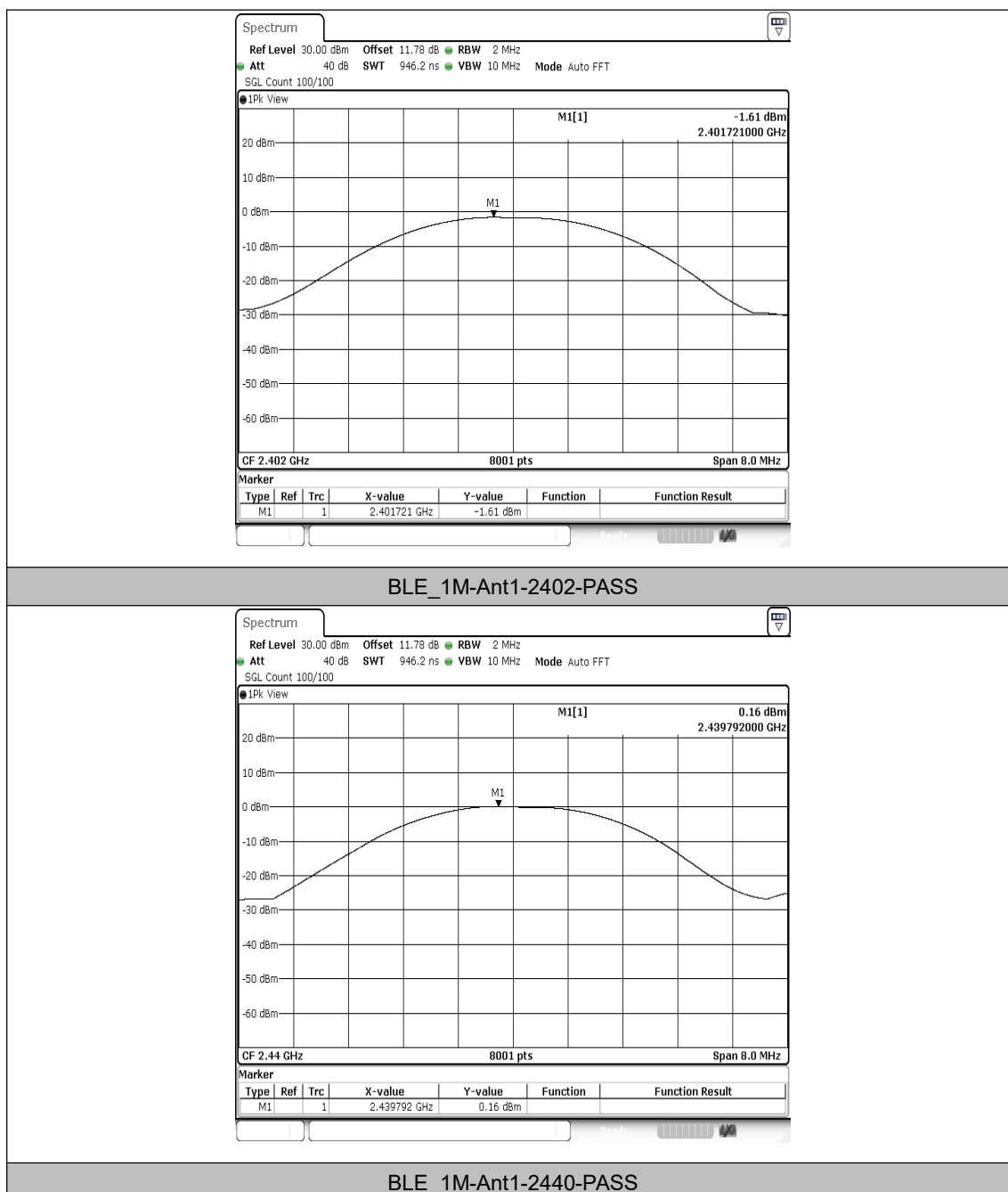
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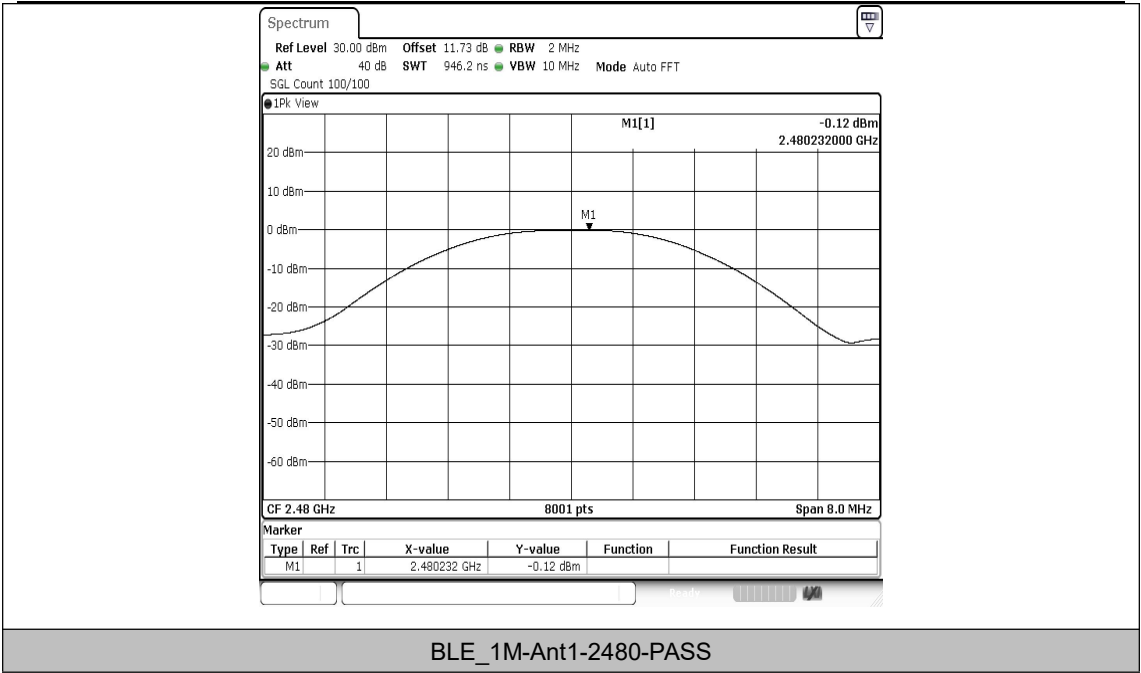
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.61	≤30	PASS
BLE_1M	Ant1	2440	0.16	≤30	PASS
BLE_1M	Ant1	2480	-0.12	≤30	PASS

Test Graphs Peak





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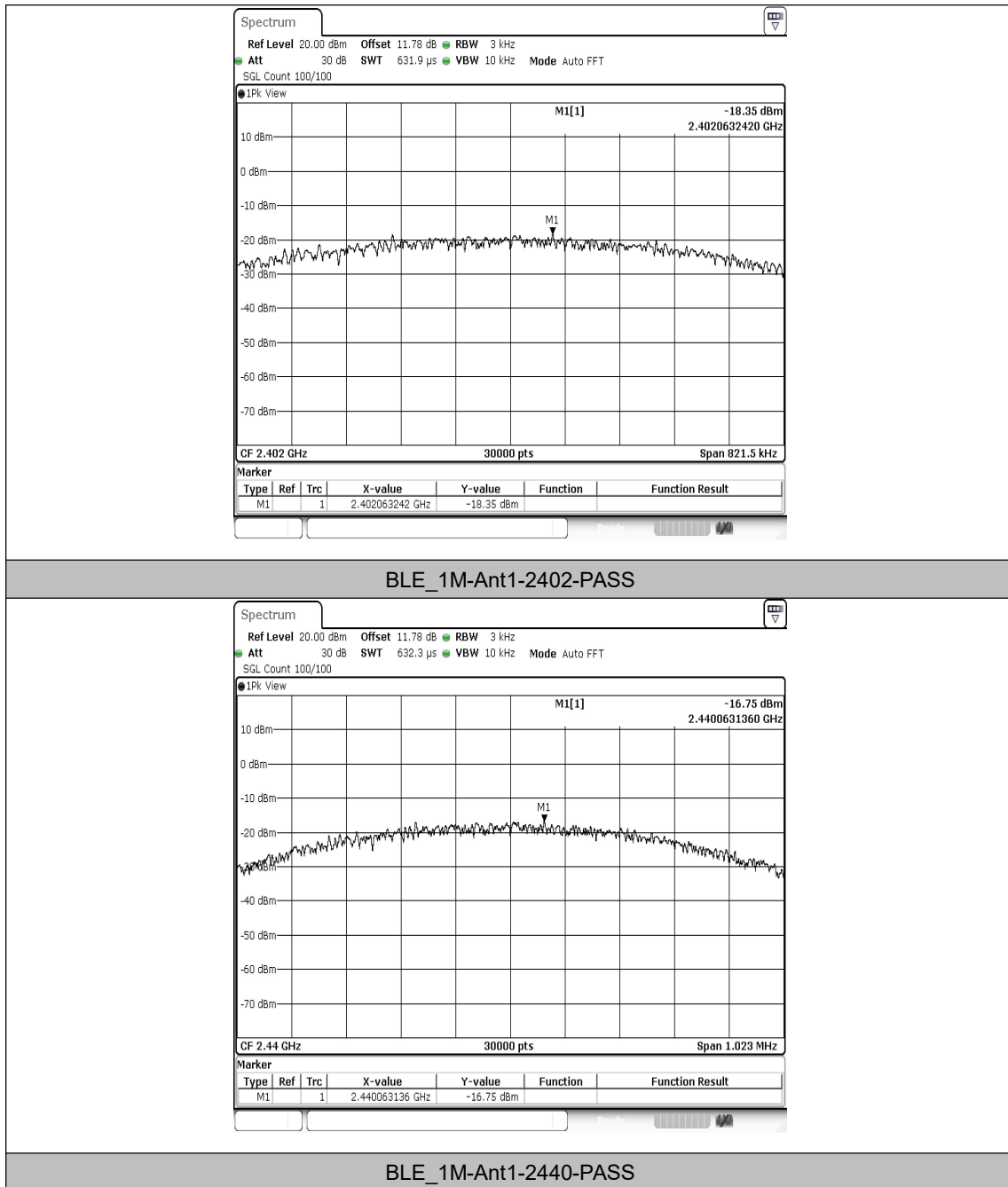
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-18.35	≤8.00	PASS
BLE_1M	Ant1	2440	-16.75	≤8.00	PASS
BLE_1M	Ant1	2480	-16.93	≤8.00	PASS

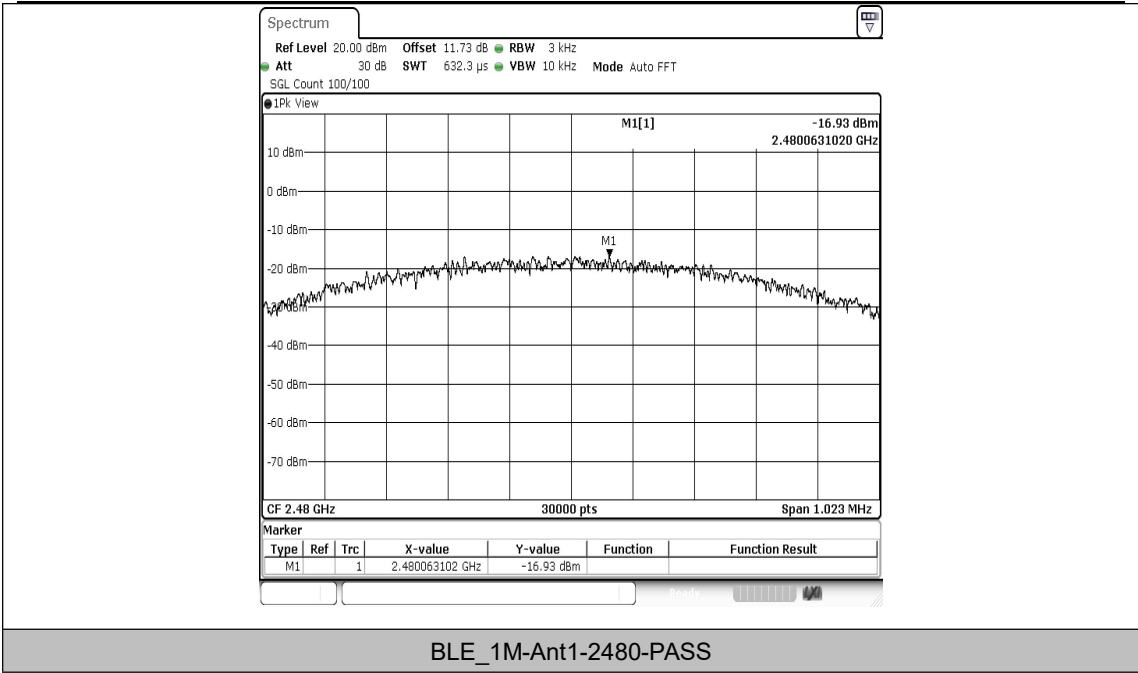
Test Graphs



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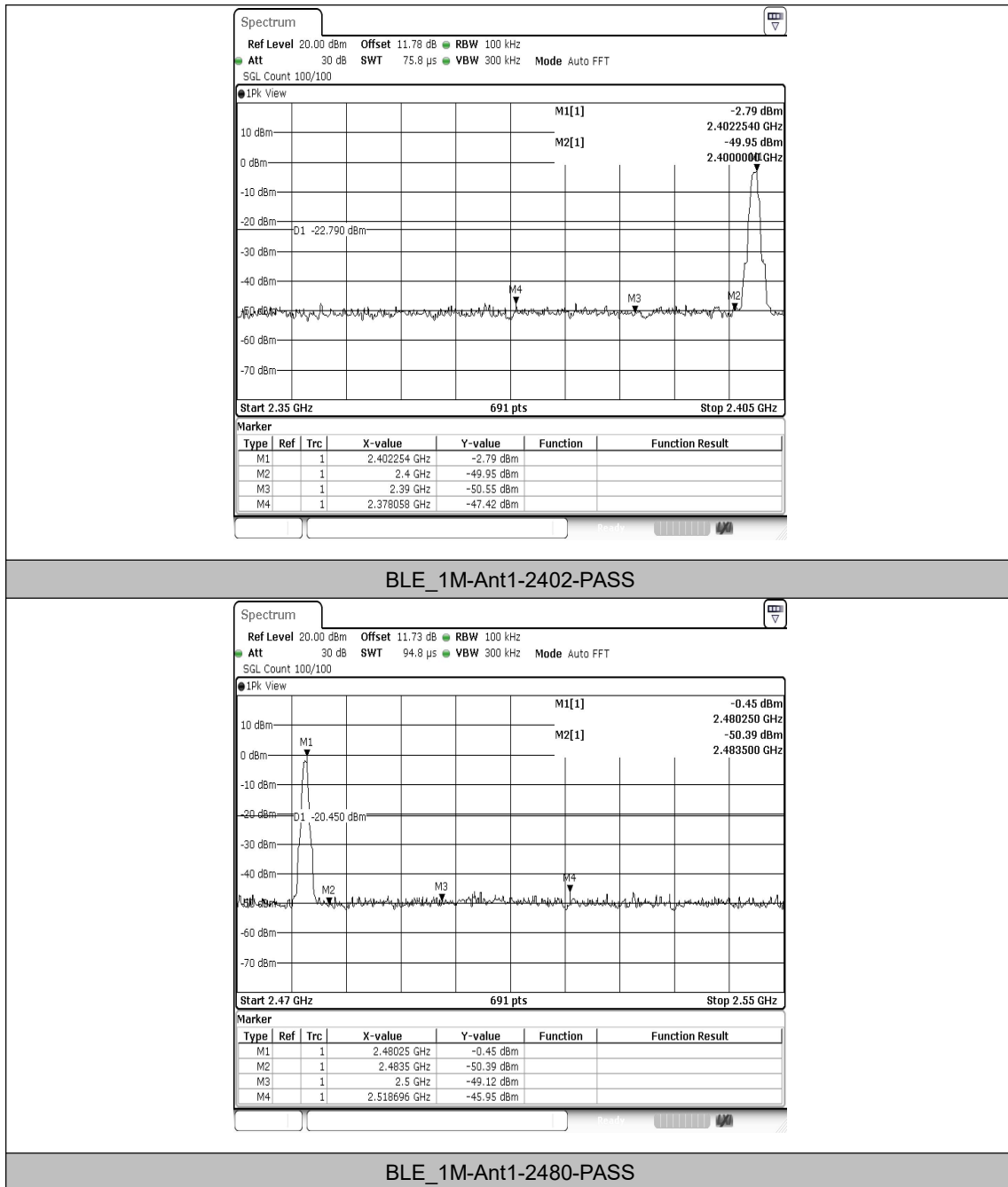
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-2.79	-47.42	≤-22.79	PASS
BLE_1M	Ant1	High	2480	-0.45	-45.95	≤-20.45	PASS



Test Graphs



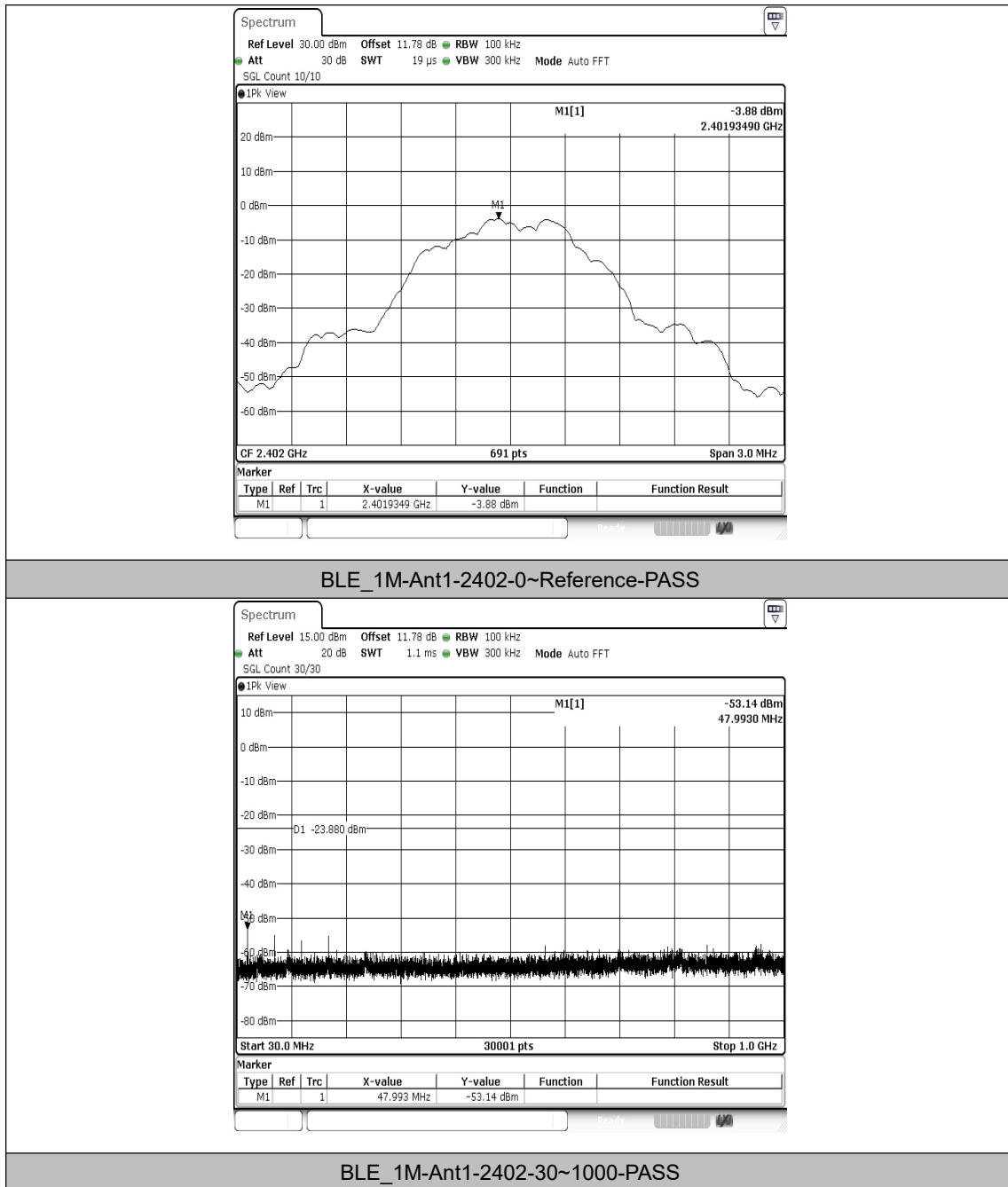
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-3.88	-3.88	---	PASS
BLE_1M	Ant1	2402	30~1000	-3.88	-53.14	≤-23.88	PASS
BLE_1M	Ant1	2402	1000~26500	-3.88	-43.91	≤-23.88	PASS
BLE_1M	Ant1	2440	0~Reference	-2.78	-2.78	---	PASS
BLE_1M	Ant1	2440	30~1000	-2.78	-53.05	≤-22.78	PASS
BLE_1M	Ant1	2440	1000~26500	-2.78	-42.42	≤-22.78	PASS
BLE_1M	Ant1	2480	0~Reference	-2.86	-2.86	---	PASS
BLE_1M	Ant1	2480	30~1000	-2.86	-52.46	≤-22.86	PASS
BLE_1M	Ant1	2480	1000~26500	-2.86	-42.53	≤-22.86	PASS



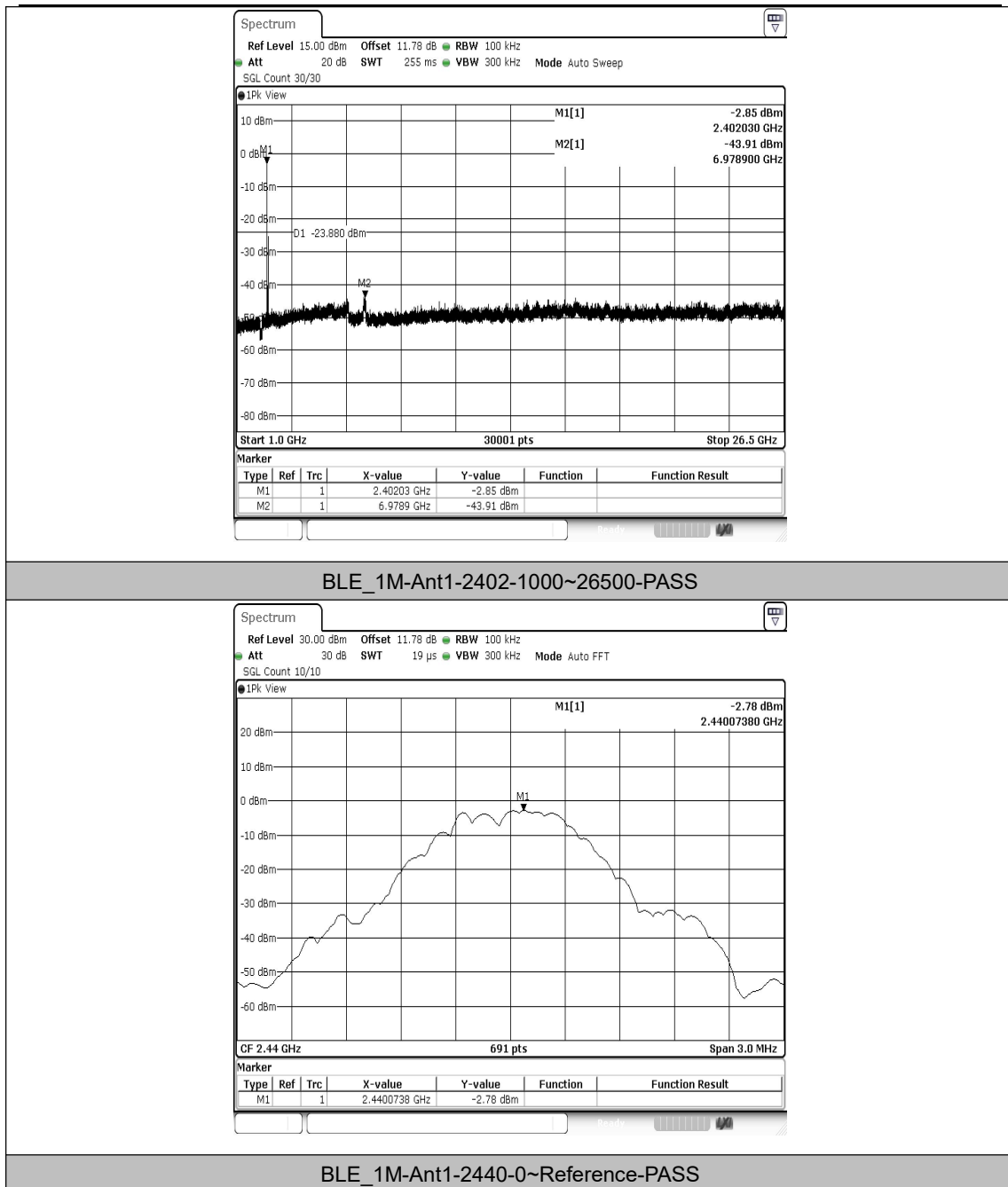
Test Graphs



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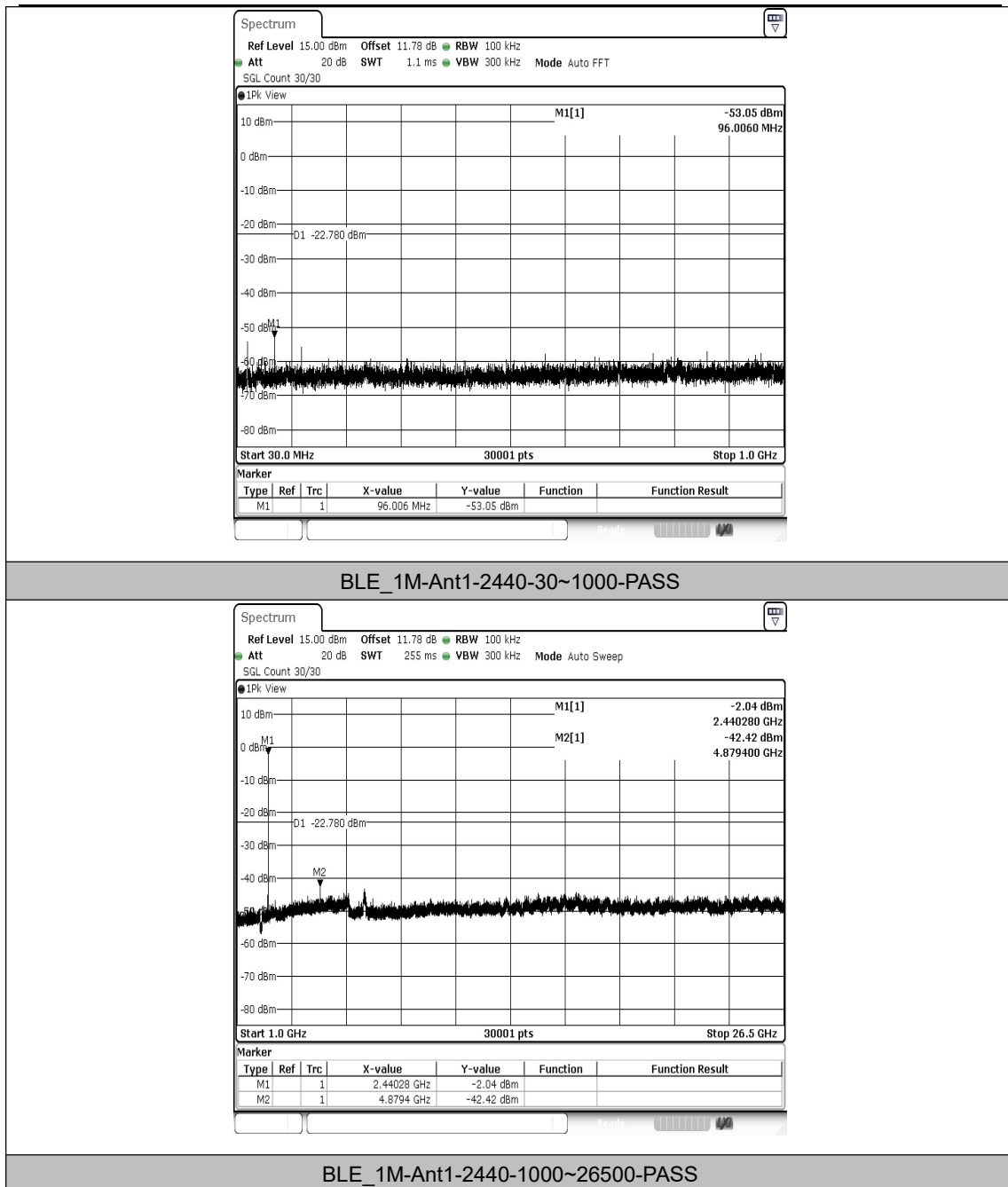
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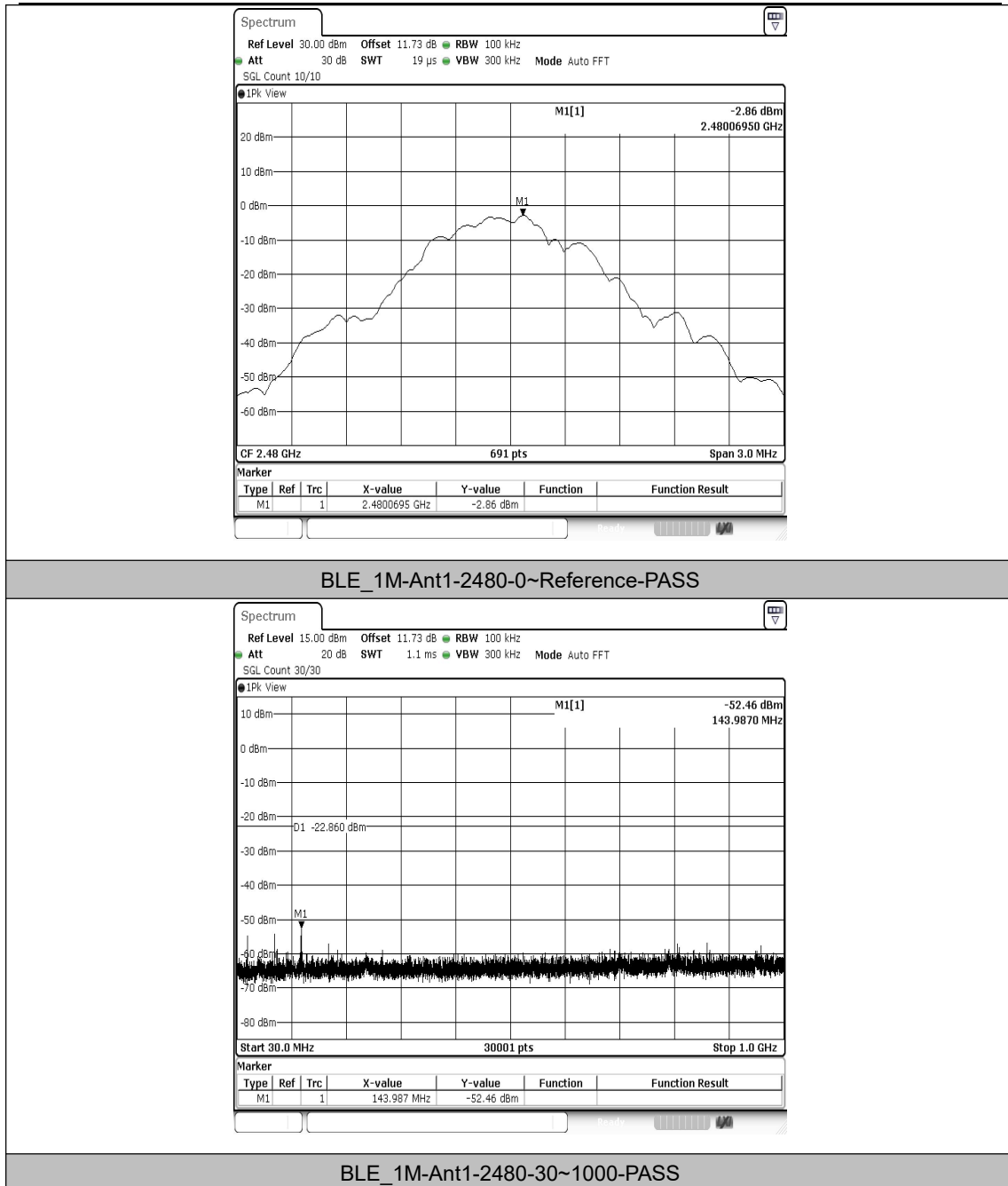
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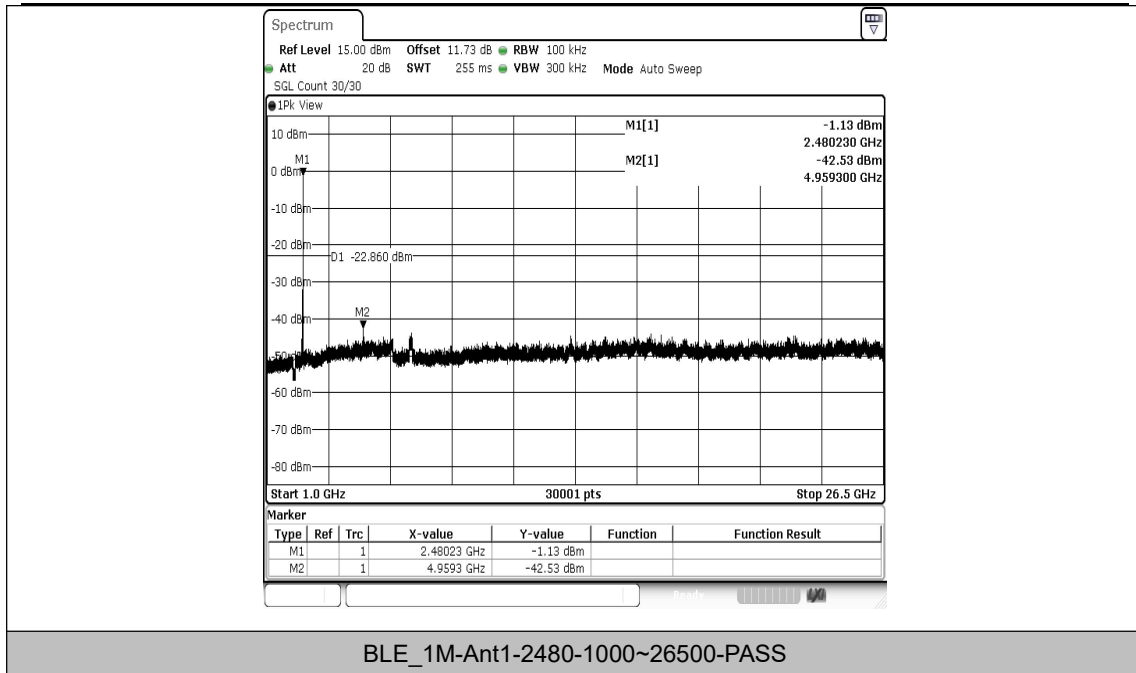
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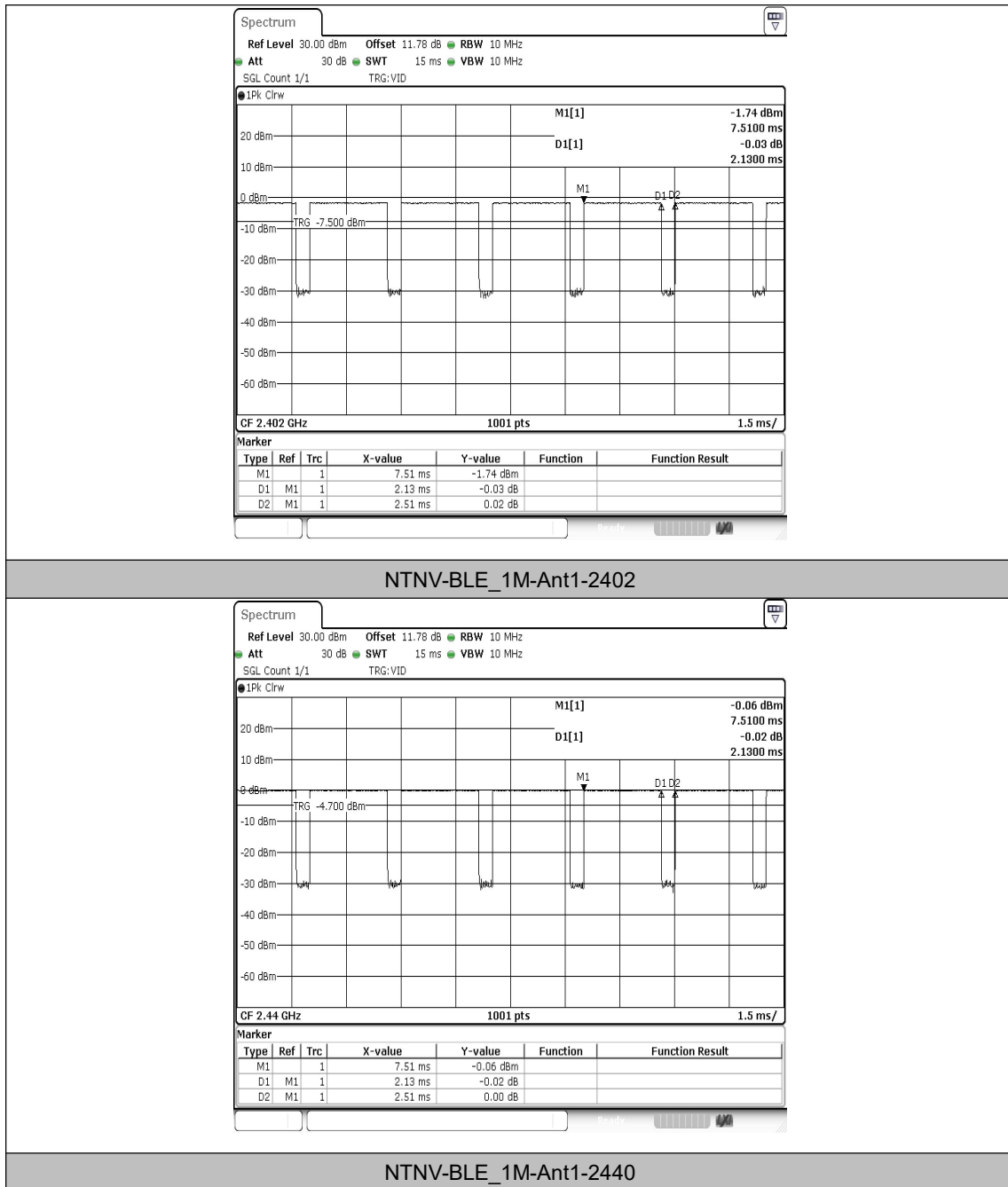
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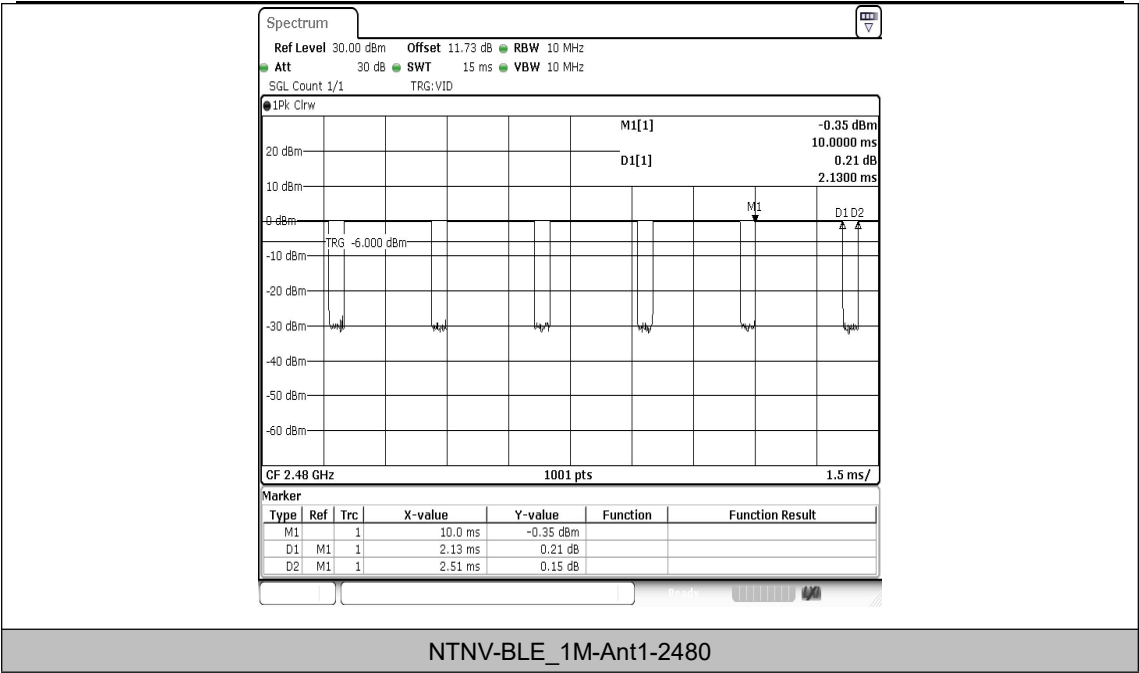
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.13	2.51	84.86	0.71
BLE_1M	Ant1	2440	2.13	2.51	84.86	0.71
BLE_1M	Ant1	2480	2.13	2.51	84.86	0.71

Test Graphs





---End---