

Appendix Test Data

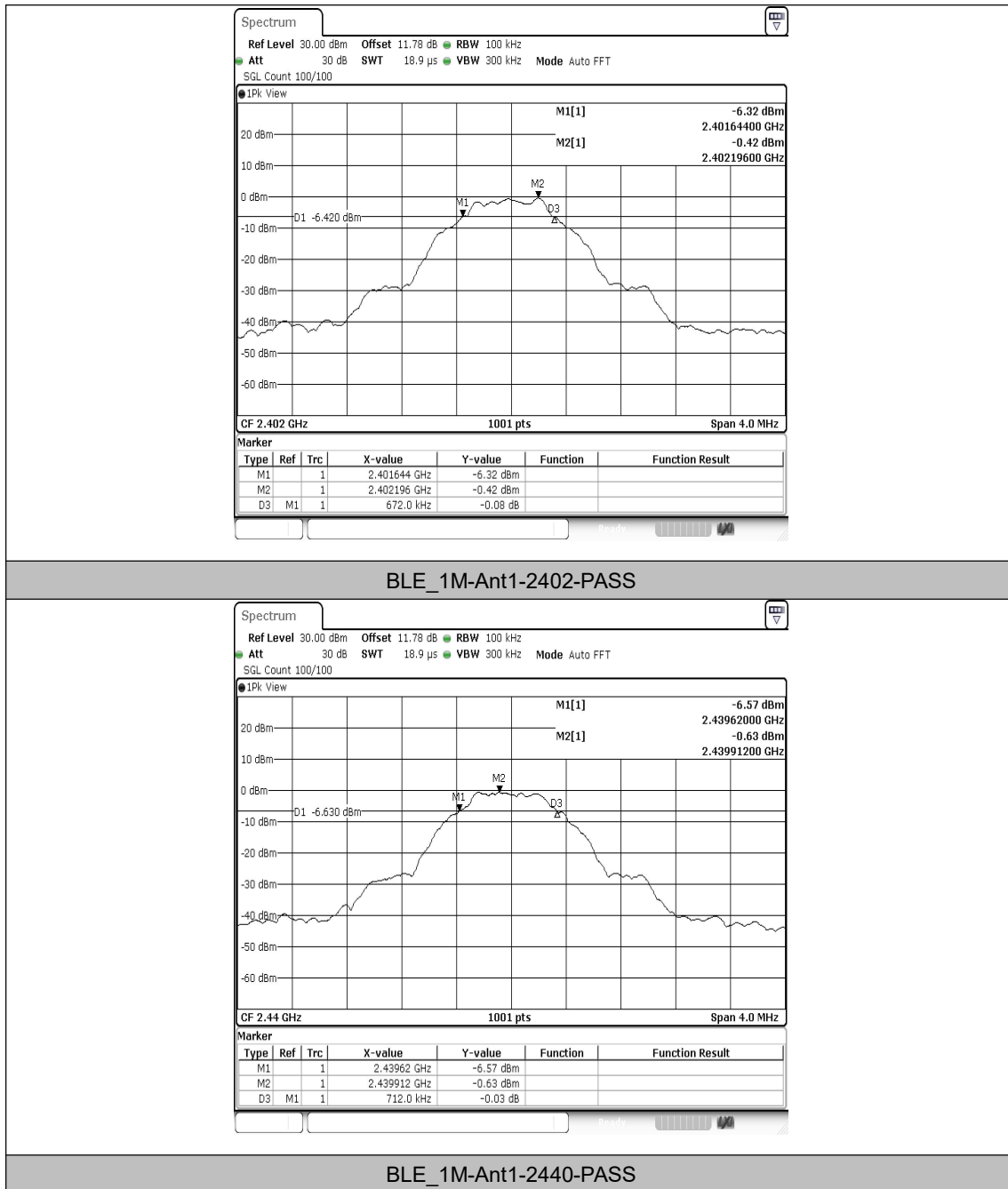
Report No.:	1812C50026312501	Test Sample No.:	1-2-2
Start Test Date:	2025-03-27	Finish Test Date:	2025-04-02
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	20.5°C	Relative Humidity:	45%
Pressure:	101kPa		

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	0.67	2401.64	2402.32	0.5	PASS
BLE_1M	Ant1	2440	0.71	2439.62	2440.33	0.5	PASS
BLE_1M	Ant1	2480	0.64	2479.68	2480.31	0.5	PASS

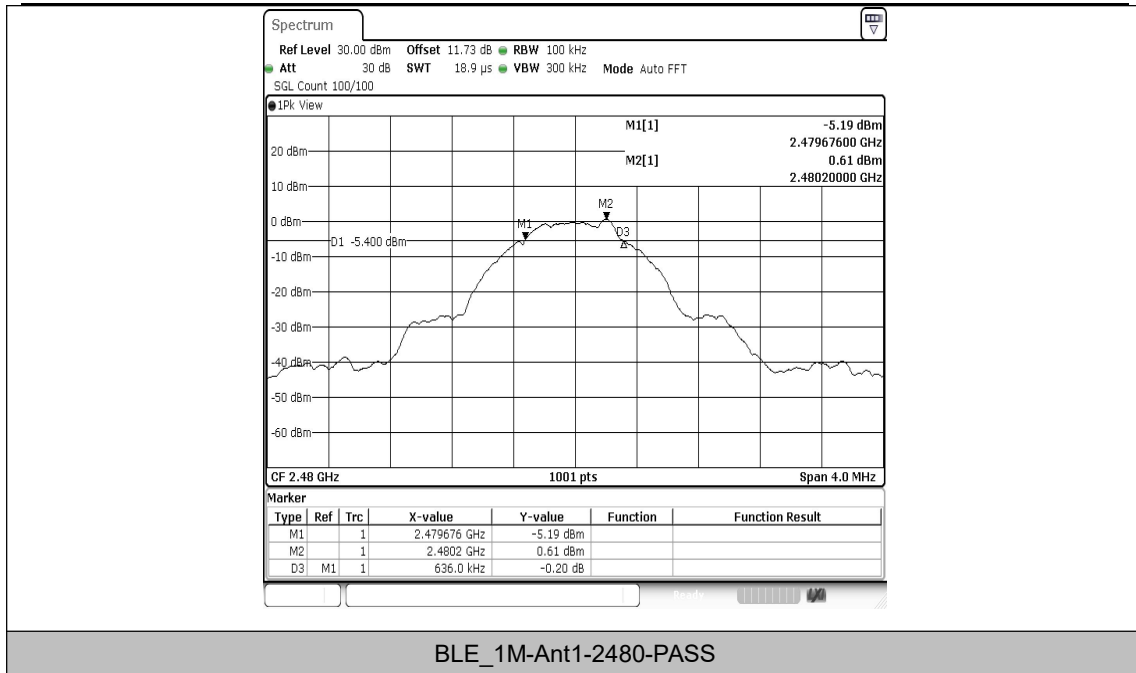
Test Graphs



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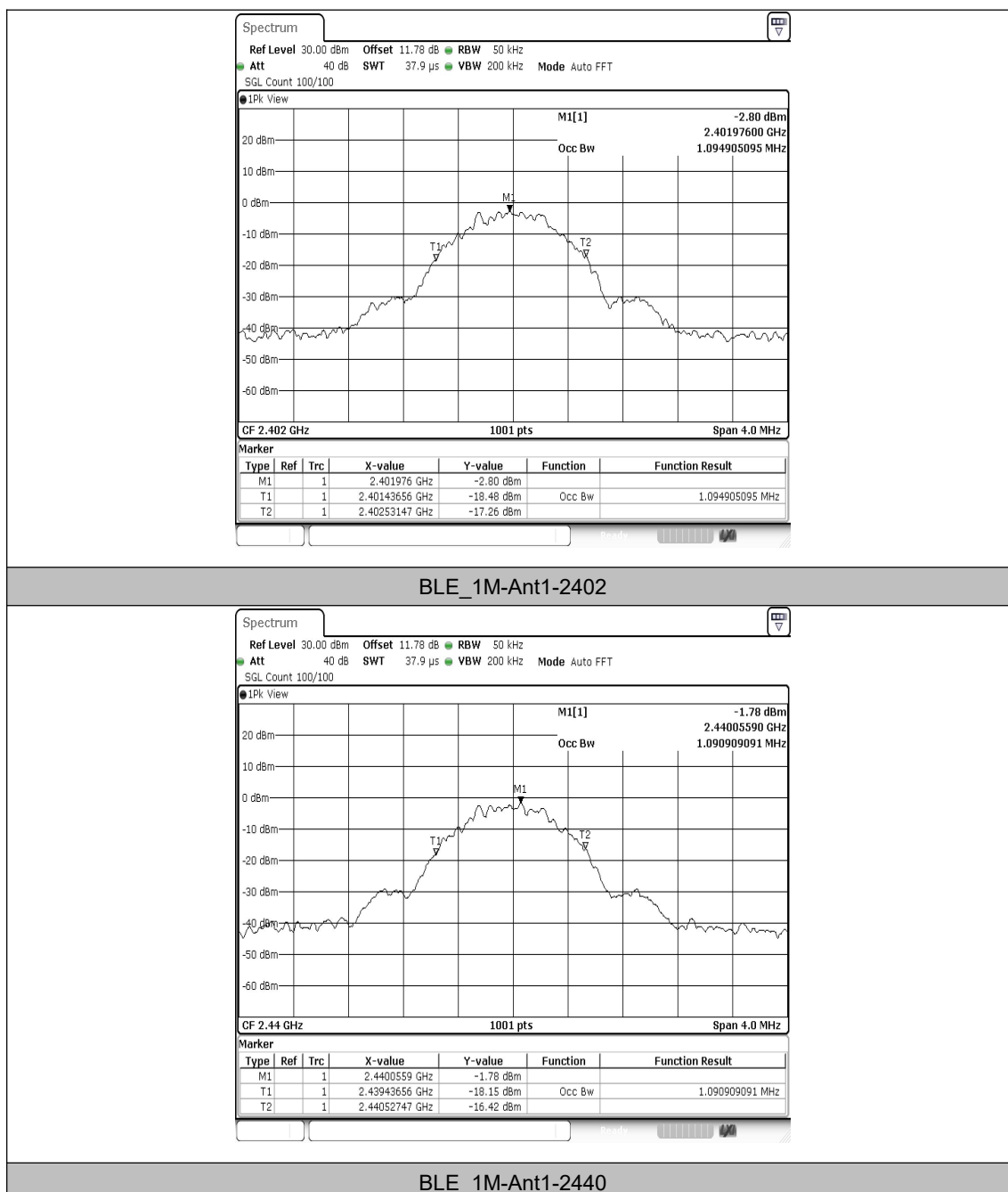
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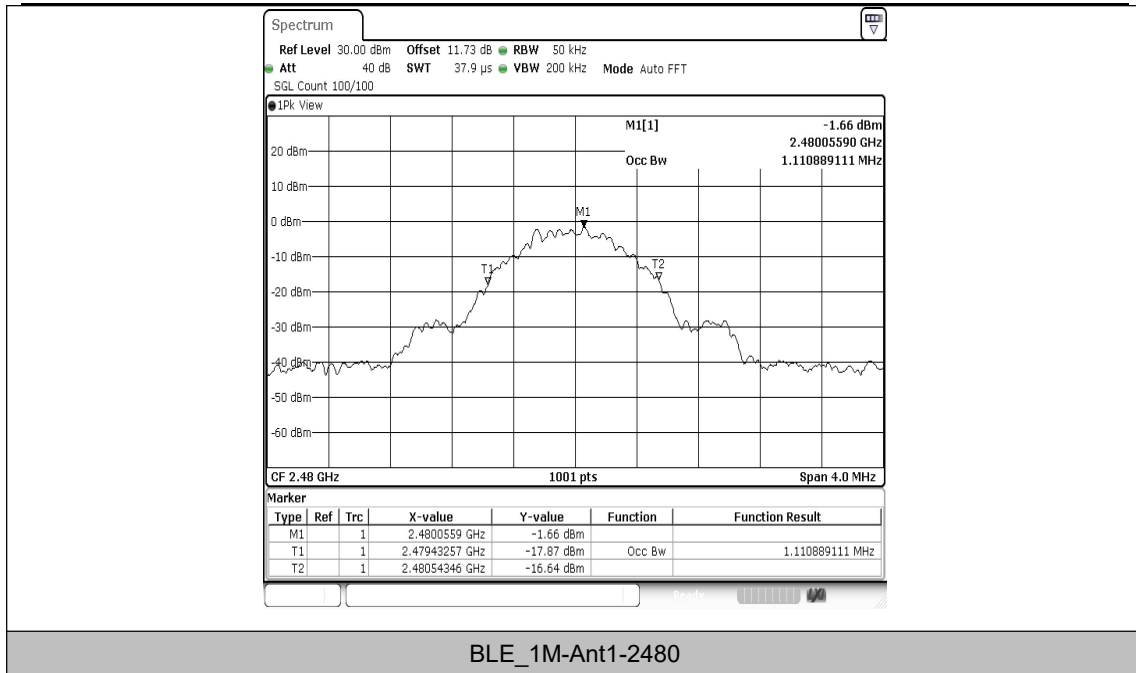
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.095	2401.4366	2402.5315	---	---
BLE_1M	Ant1	2440	1.091	2439.4366	2440.5275	---	---
BLE_1M	Ant1	2480	1.111	2479.4326	2480.5435	---	---

Test Graphs





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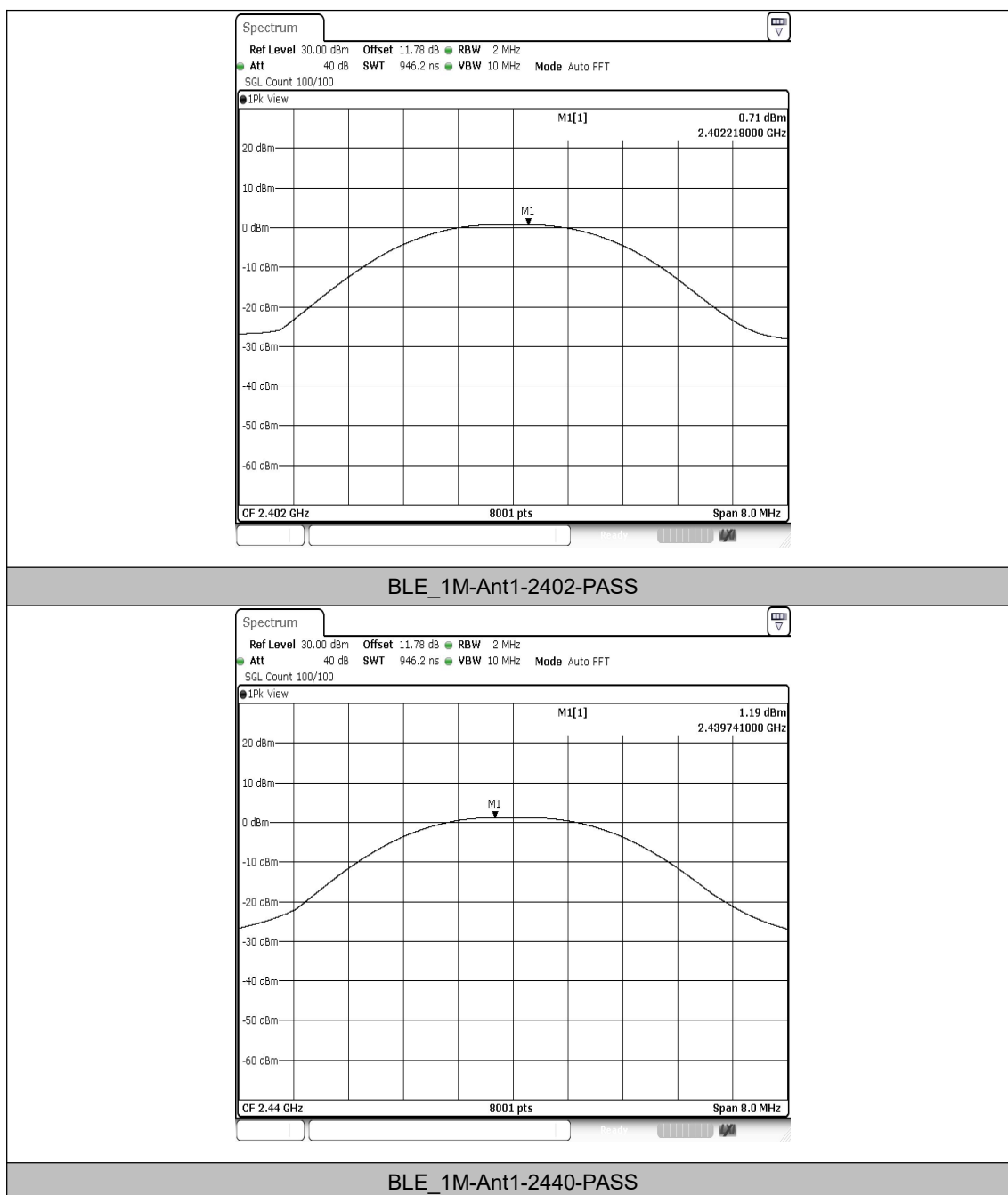
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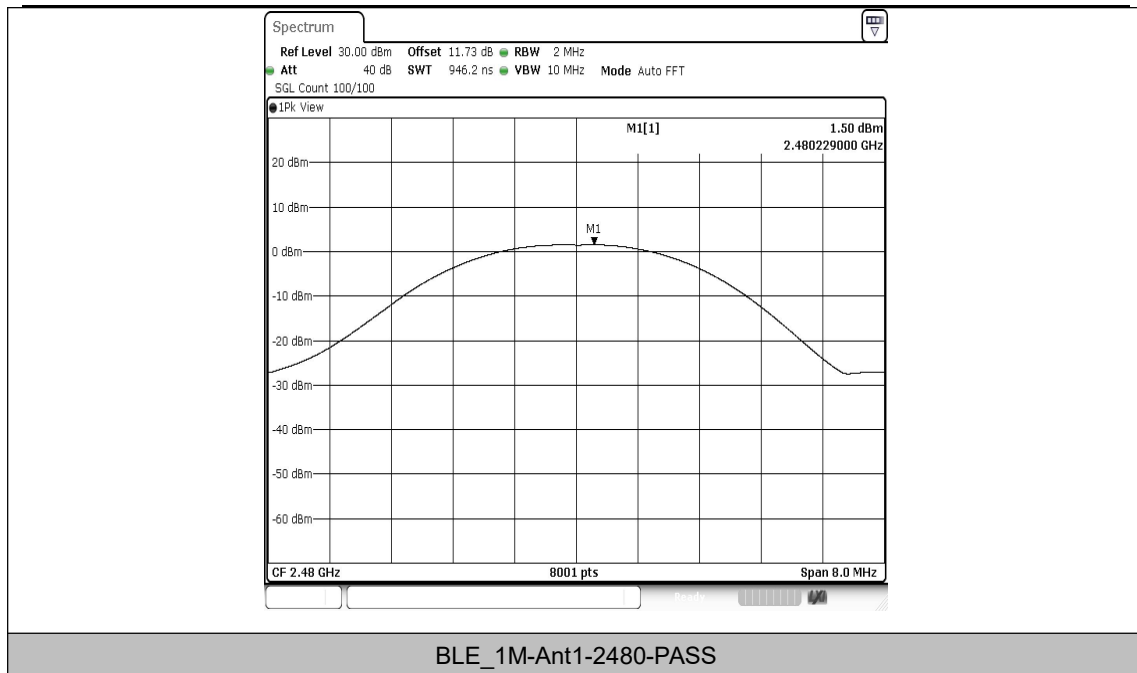
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.71	≤30	PASS
BLE_1M	Ant1	2440	1.19	≤30	PASS
BLE_1M	Ant1	2480	1.50	≤30	PASS

Test Graphs Peak





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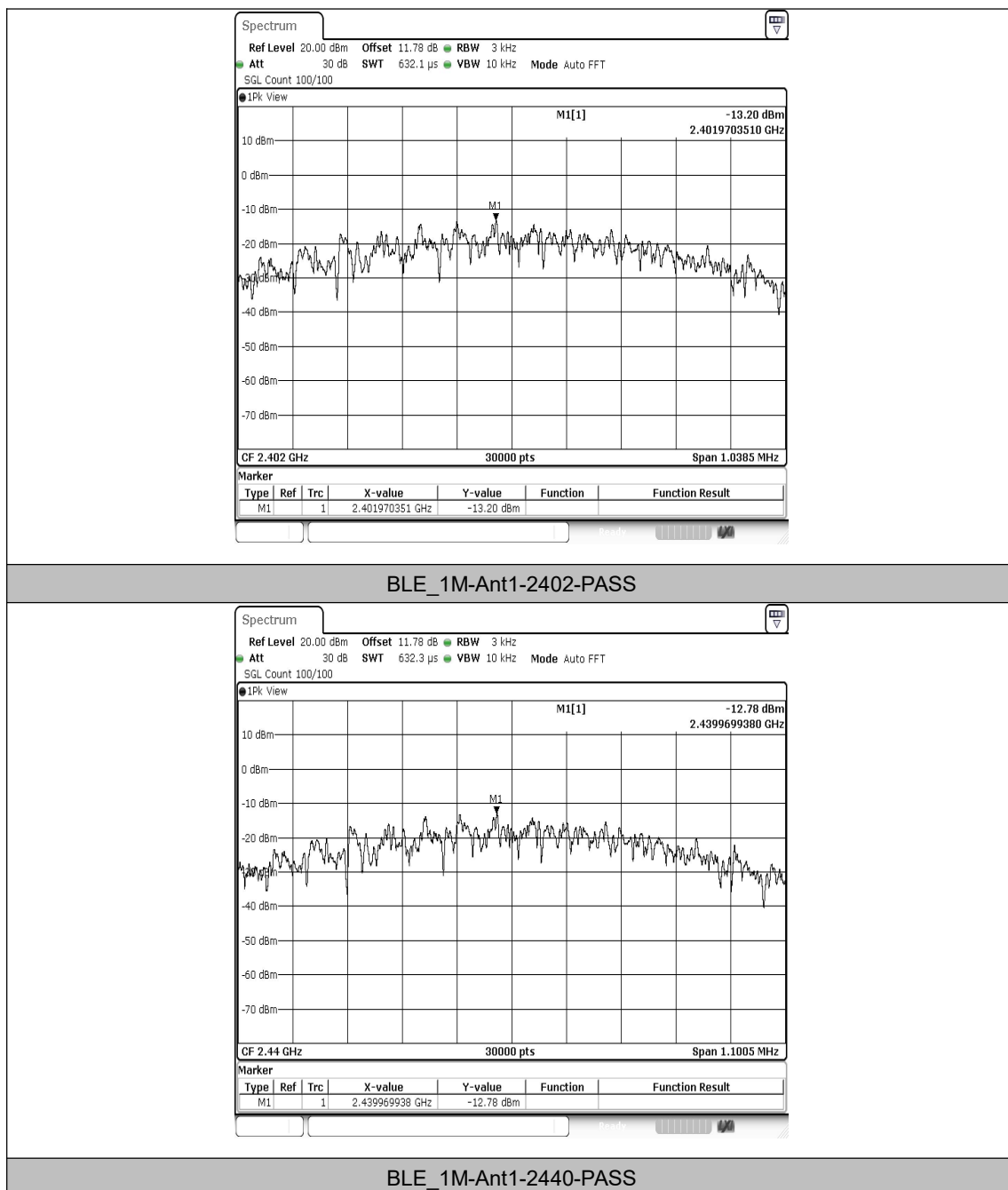
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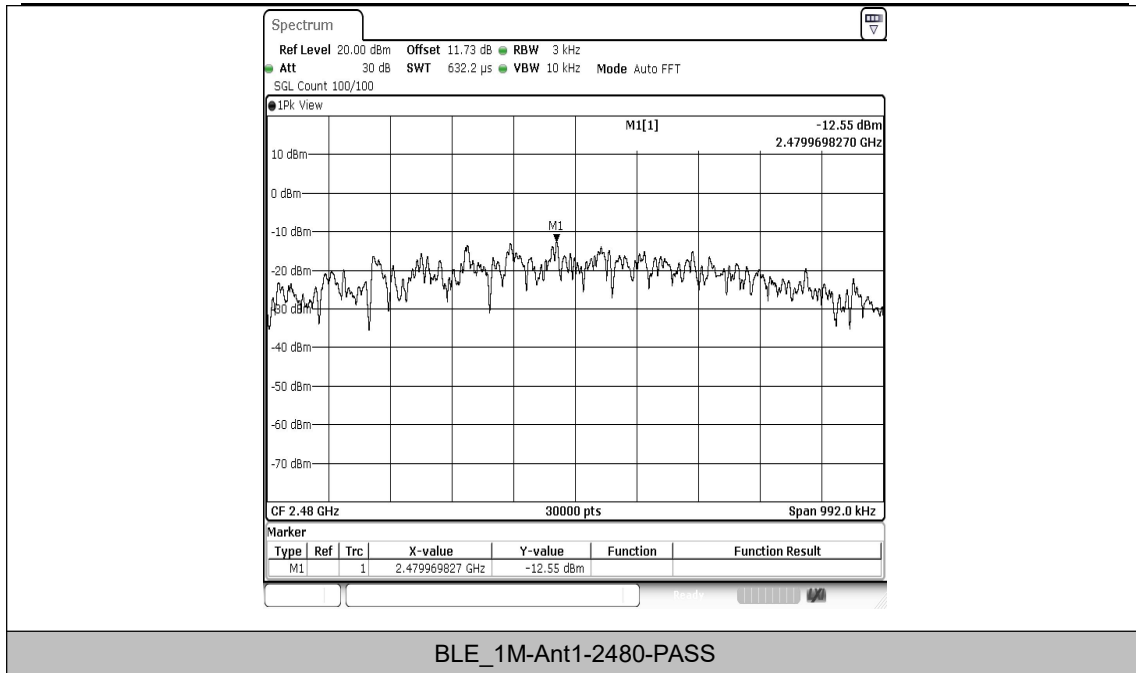
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.20	≤8.00	PASS
BLE_1M	Ant1	2440	-12.78	≤8.00	PASS
BLE_1M	Ant1	2480	-12.55	≤8.00	PASS

Test Graphs





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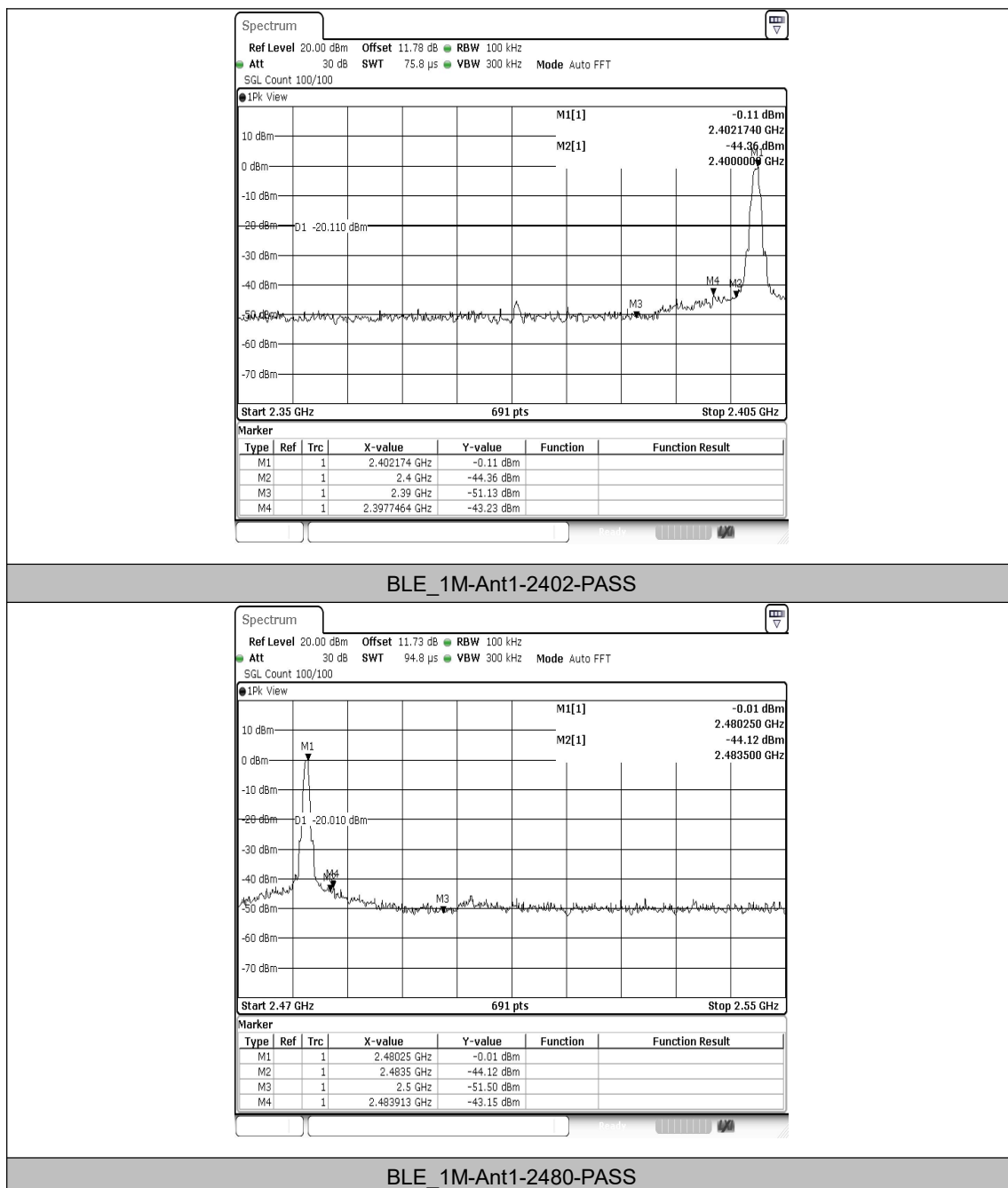
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.11	-43.23	≤-20.11	PASS
BLE_1M	Ant1	High	2480	-0.01	-43.15	≤-20.01	PASS

Test Graphs

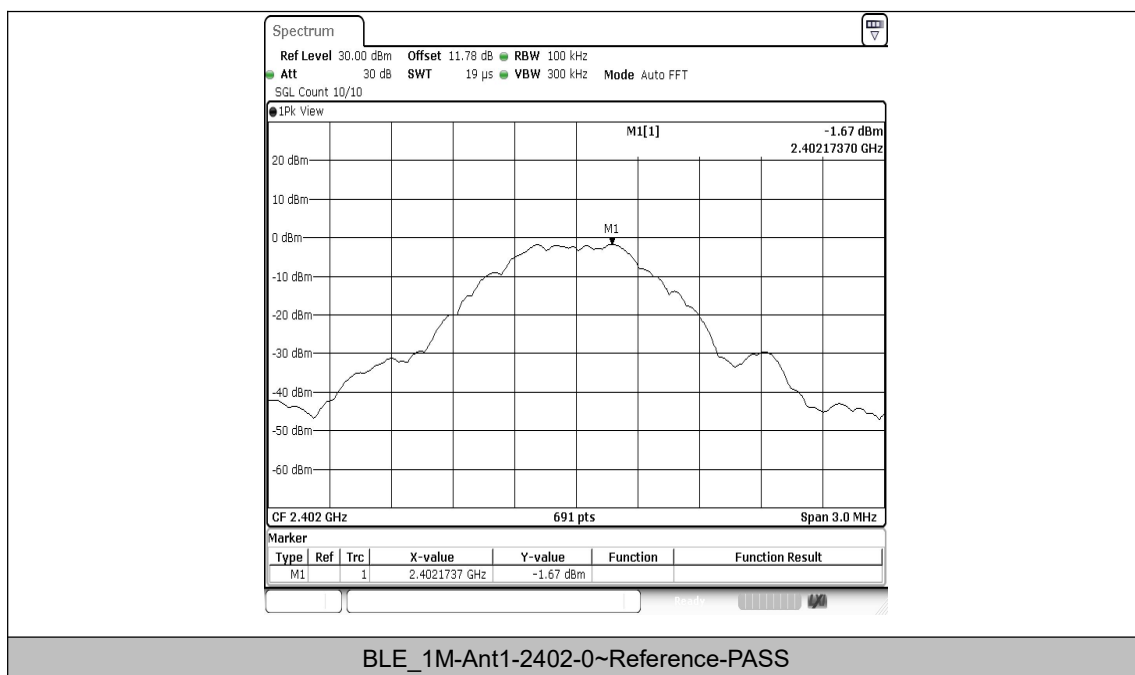


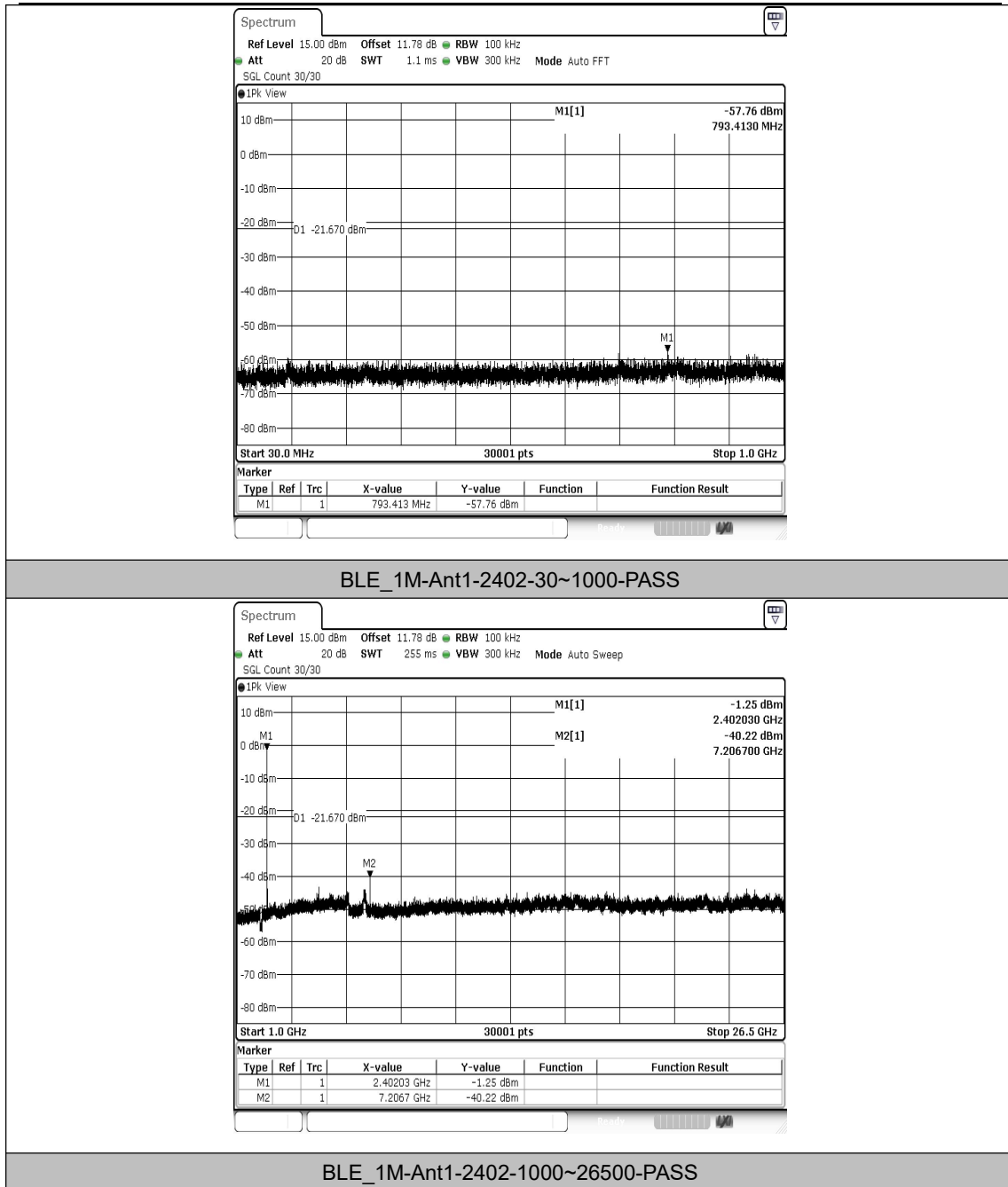
Appendix F: Conducted Spurious Emission

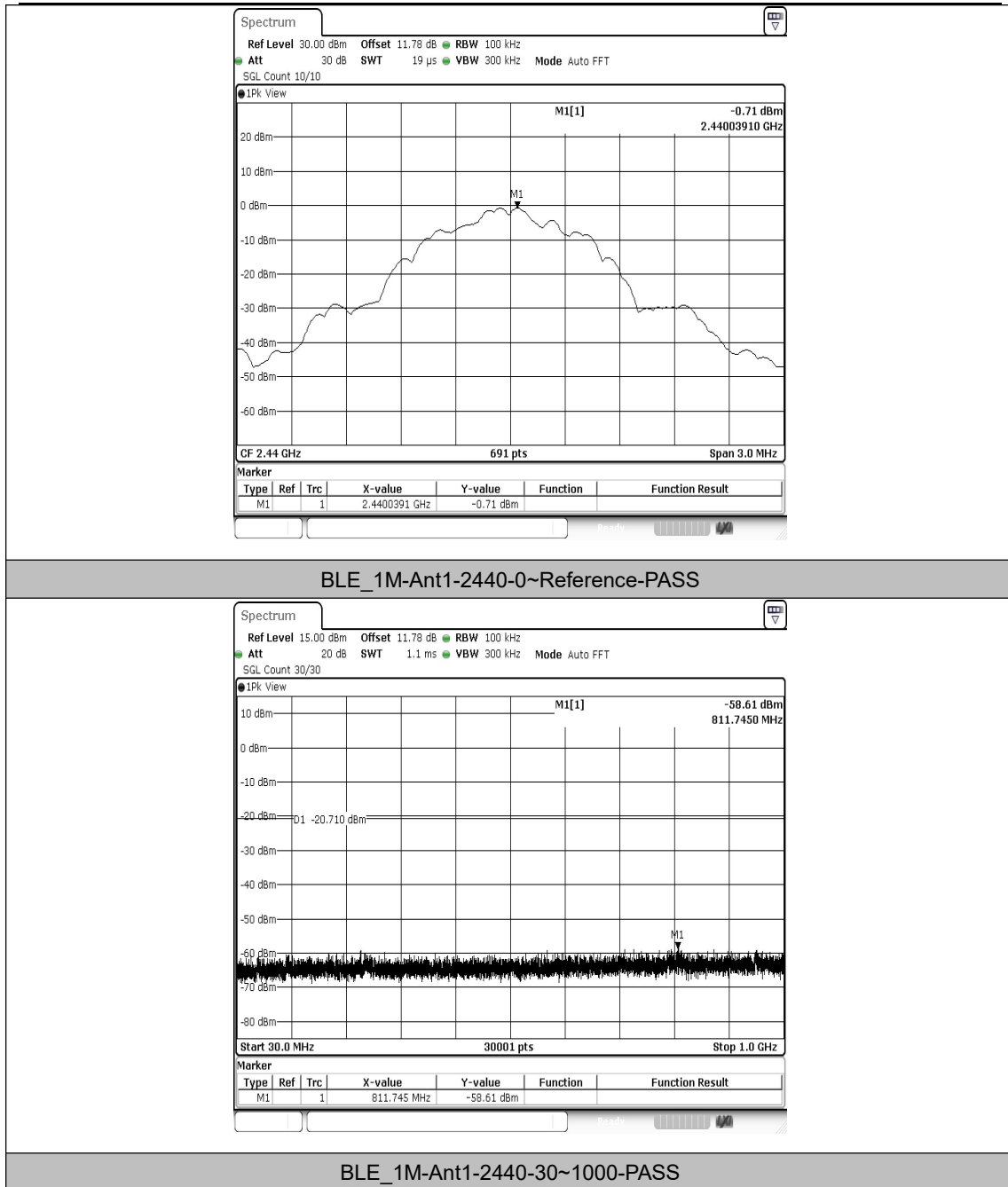
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.67	-1.67	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.67	-57.76	≤-21.67	PASS
BLE_1M	Ant1	2402	1000~26500	-1.67	-40.22	≤-21.67	PASS
BLE_1M	Ant1	2440	0~Reference	-0.71	-0.71	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.71	-58.61	≤-20.71	PASS
BLE_1M	Ant1	2440	1000~26500	-0.71	-39.5	≤-20.71	PASS
BLE_1M	Ant1	2480	0~Reference	-1.40	-1.40	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.40	-58.26	≤-21.4	PASS
BLE_1M	Ant1	2480	1000~26500	-1.40	-39.79	≤-21.4	PASS

Test Graphs



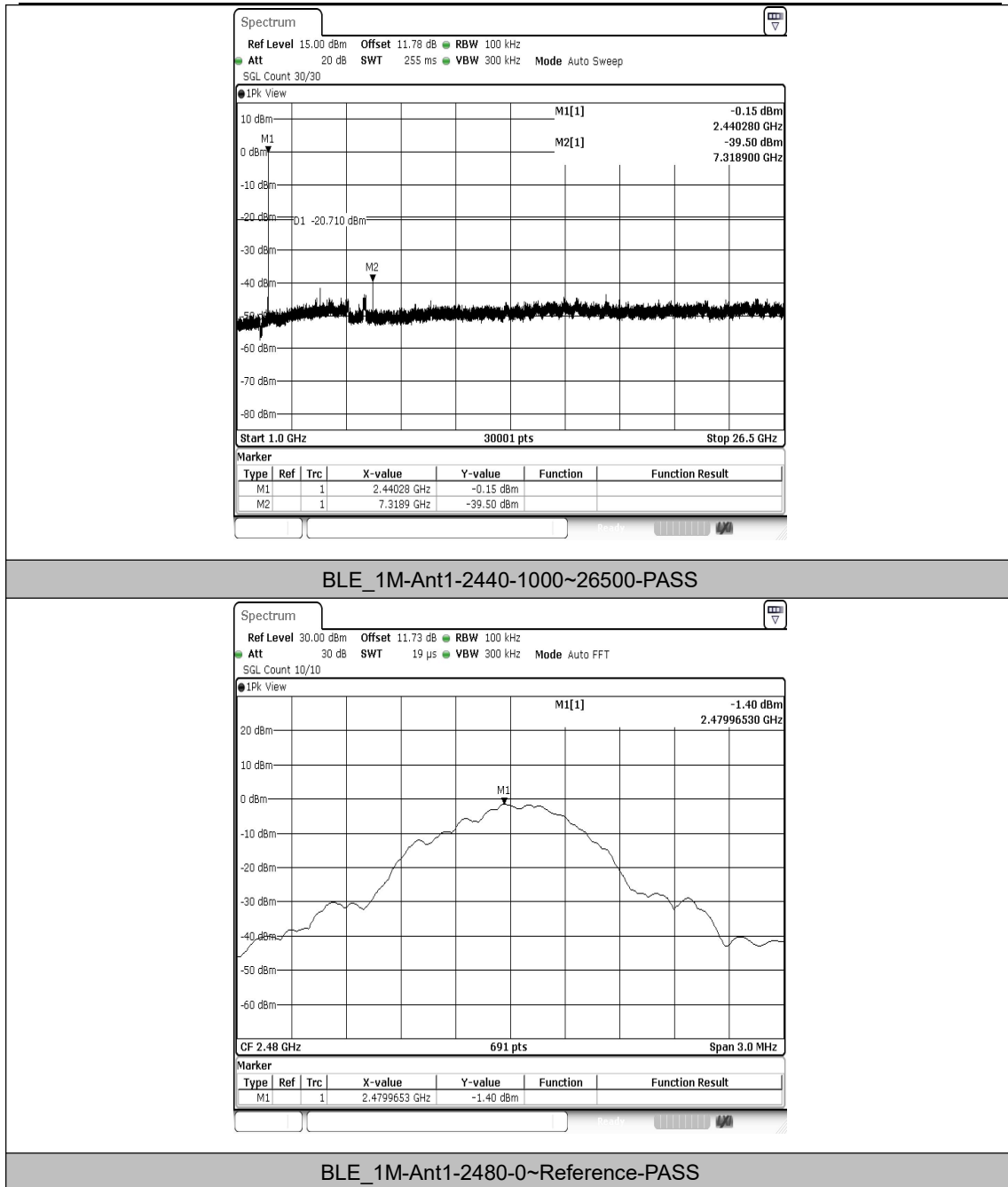




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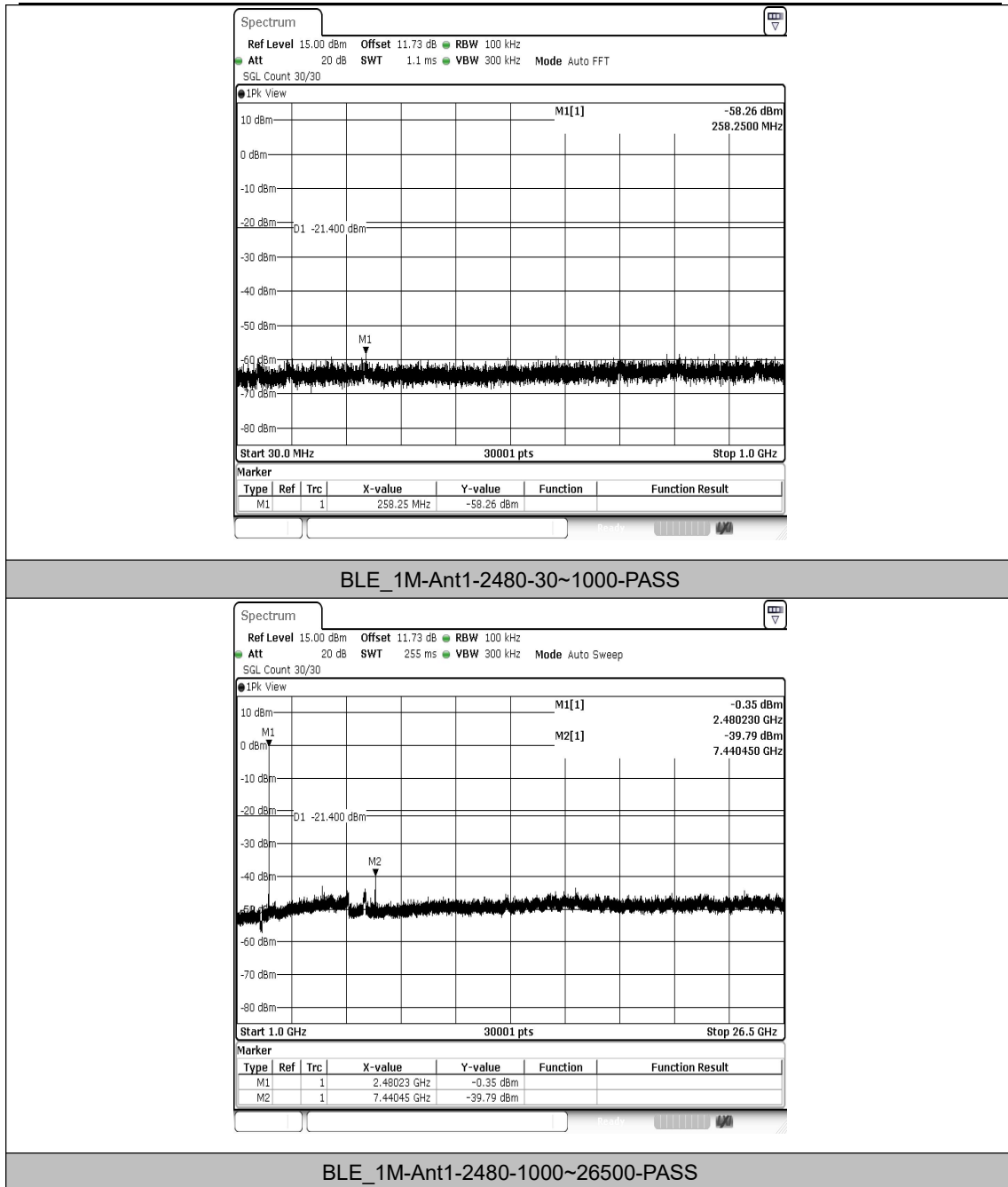
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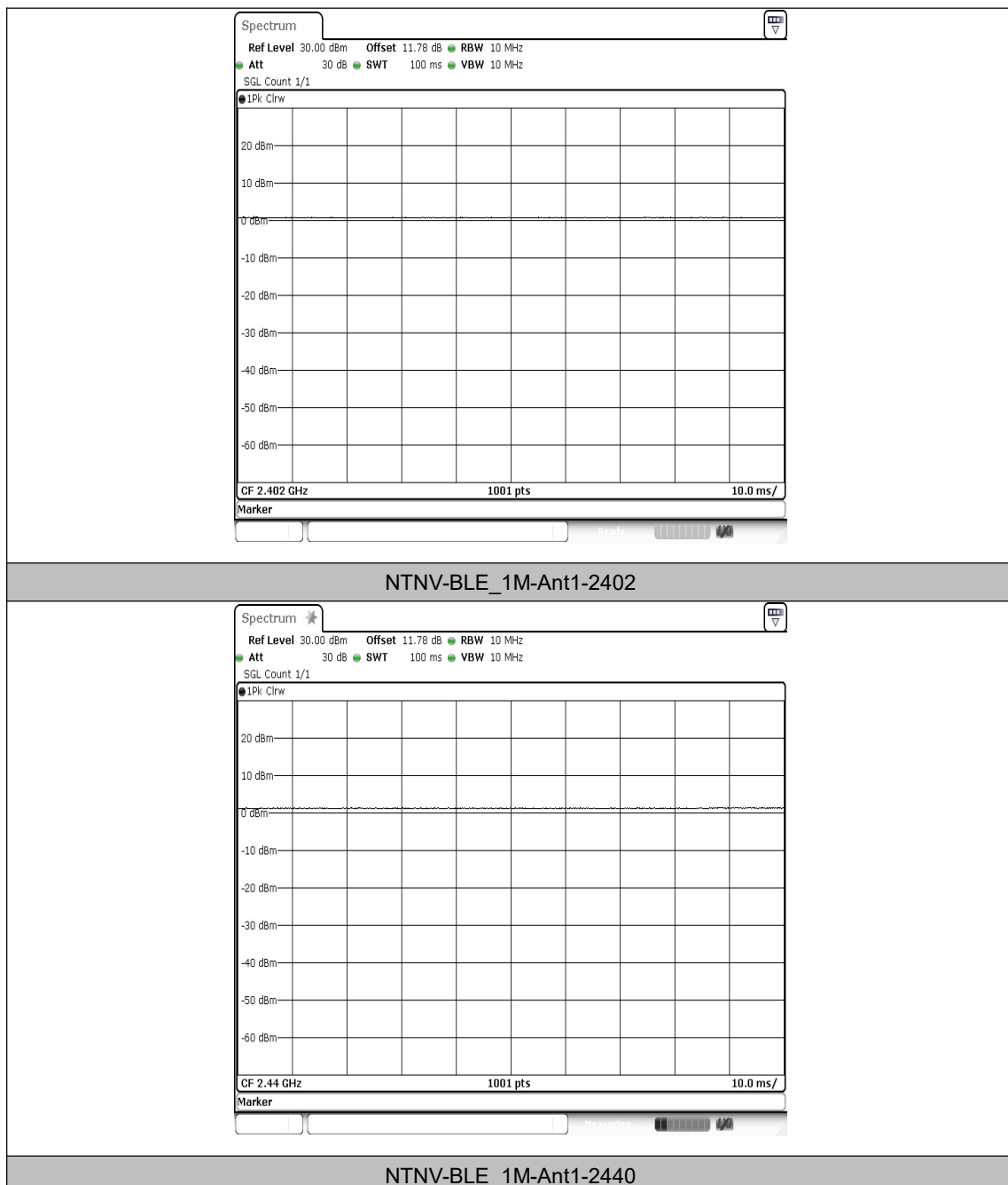
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Appendix G: Duty Cycle

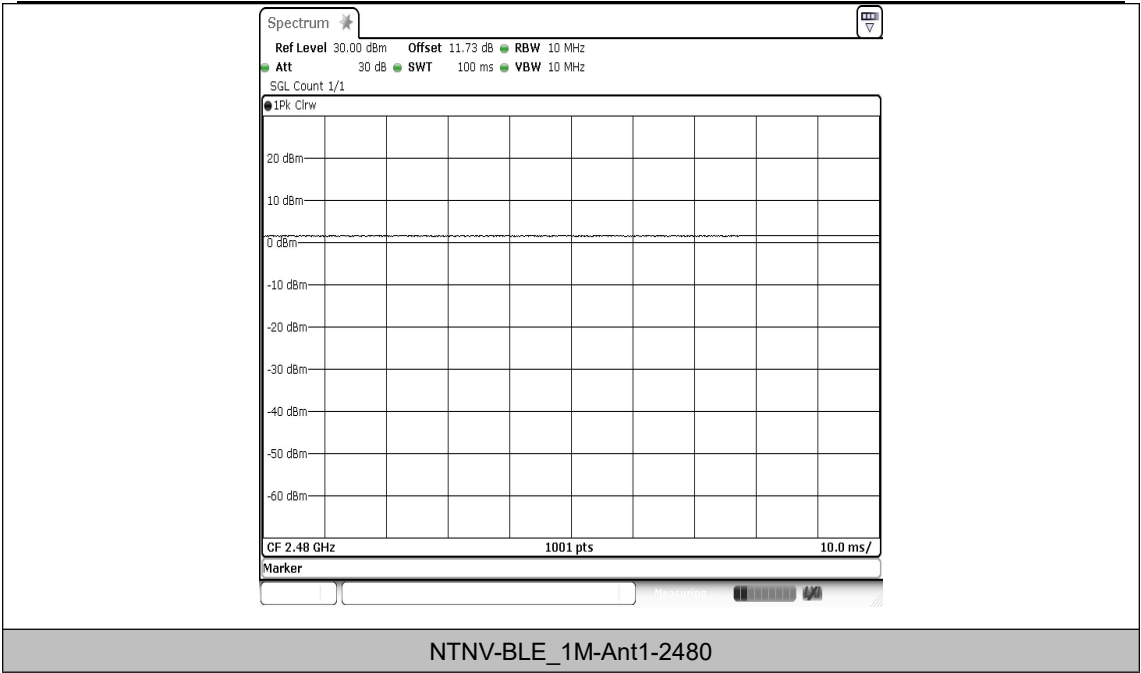
Test Result

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	0.00
BLE_1M	Ant1	2440	100.00	100.00	100	0.00
BLE_1M	Ant1	2480	100.00	100.00	100	0.00

Test Graphs



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